Chauvenet's increasing factor				**median**	0.737887703	1.303812297	0.715485256º	1.248424648º	227.5143717	59.66634851	1.00045772	
				count	5754			If M = 60.3 e.r.	229.9305548			
EER	6378.1366			**midpoint**	0.736375919	1.305324081	0.716400274º	1.250659777º	227.4614773	59.80746825	0.999977333	
MPR	1735.97 km			**mean**	0.737335092	1.304364908	0.716112609º	1.249194879º	227.5200856	59.74939018	1.000224506	
MMR	1737.1 km			**max**	0.759228974	1.328177137	0.784159942º	1.319171348º	232.5561406	63.71346715	1.017088631	
MER	1738.14 km			**min**	0.713522863	1.282471026	0.648640605º	1.182148205º	222.3668139	55.90146935	0.982866036	
yr	**month**	**MoonEclipse**	**date**	**UmbralRadius**	**PenumRadius**	**UmbralRadius**	**PenumRadius**	**ConeLength**	**MoonDist**	**RV**	**kind**	
1000	1	2086389.394	1000-03-22 21:26:40	0.733848007	1.307851993	0.699913106º	1.231315686º	227.959627	60.67795651	1.003246498	Penumbral	
1000	2	2086389.394										
1000	3	2086389.394										
1000	4	2086389.394										
1000	5	2086418.949	1000-04-21 10:46:24	0.728785123	1.312914877	0.677645384º	1.20498476º	229.4901152	62.24698767	1.010976615	Penumbral	
1000	6	2086567.031	1000-09-16 12:45:09	0.733050488	1.308649512	0.700285427º	1.234088475º	226.9106903	60.57974868	0.998734984	Penumbral	
1000	7	2086567.031										
1000	8	2086567.031										
1000	9	2086567.031										
1000	10	2086567.031										
1000	11	2086596.566	1000-10-16 01:35:22	0.739095867	1.302604133	0.727025736º	1.265246247º	225.408375	58.81626	0.990537831	Penumbral	
1000	12	2086743.844	1001-03-12 08:15:15	0.747899581	1.293800419	0.752556763º	1.285635382º	228.0053092	57.48673932	1.000092217	Umbral	
1000	13	2086743.844										
1000	14	2086743.844										
1000	15	2086743.844										
1000	16	2086921.188	1001-09-05 16:30:22	0.72129973	1.32040027	0.660194807º	1.192264509º	226.9790775	63.26483121	1.001988604	Umbral	
1000	17	2086921.188										
1000	18	2086921.188										
1000	19	2086921.188										
1000	20	2086921.188										
1000	21	2086921.188										
1000	22	2087098.494	1002-03-01 23:51:32	0.754234842	1.287465158	0.779653637º	1.314416997º	227.6279139	55.94975096	0.996941485	Total	
1000	23	2087098.494										
1000	24	2087098.494										
1000	25	2087098.494										
1000	26	2087098.494										
1000	27	2087098.494										
1000	28	2087275.187	1002-08-25 16:29:36	0.721818397	1.319881603	0.65981027º	1.190167196º	227.7062401	63.3493842	1.005224503	Total	
1000	29	2087275.187										
1000	30	2087275.187										
1000	31	2087275.187										
1000	32	2087275.187										
1000	33	2087275.187										
1000	34	2087453.156	1003-02-19 15:44:34	0.748385079	1.293314921	0.758932145º	1.295317251º	226.6584422	57.03720696	0.993927257	Umbral	
1000	35	2087453.156										
1000	36	2087453.156										
1000	37	2087453.156										

1000	38	2087453.156									
1000	39	2087453.156									
1000	40	2087599.882	1003-07-16 09:09:56	0.744419051	1.297280949	0.728726524º	1.254282668º	231.1670686	59.0881984	1.014406897	Grazing
1000	41	2087599.882									
1000	42	2087599.882									
1000	43	2087599.882									
1000	44	2087629.341	1003-08-14 20:10:59	0.734772981	1.306927019	0.699587115º	1.228370138º	229.1409479	60.78041528	1.008216518	Umbral
1000	45	2087778.003	1004-01-10 12:03:36	0.723270792	1.318429208	0.677503281º	1.218735136º	223.313862	61.80331992	0.985026609	Penumbral
1000	46	2087778.003									
1000	47	2087778.003									
1000	48	2087778.003									
1000	49	2087778.003									
1000	50	2087807.637	1004-02-09 03:17:49	0.733154691	1.308545309	0.706171544º	1.244094891º	225.149018	60.08606037	0.991085032	Grazing
1000	51	2087954.476	1004-07-04 23:26:06	0.756672182	1.285027818	0.774430323º	1.299255319º	232.1634268	56.49851697	1.015820097	Umbral
1000	52	2087954.476									
1000	53	2087954.476									
1000	54	2087954.476									
1000	55	2087954.476									
1000	56	2087983.802	1004-08-03 07:15:12	0.750338337	1.291361663	0.753464275º	1.280889356º	230.6620798	57.59399279	1.010812335	Grazing
1000	57	2088132.032	1004-12-29 12:46:42	0.713876338	1.327823662	0.64926567º	1.191236687º	222.5416041	63.68002413	0.983683188	Umbral
1000	58	2088132.032									
1000	59	2088132.032									
1000	60	2088132.032									
1000	61	2088132.032									
1000	62	2088309.193	1005-06-24 16:38:36	0.75834109	1.28335891	0.780487061º	1.304870092º	232.4546928	56.18149724	1.016676257	Total
1000	63	2088309.193									
1000	64	2088309.193									
1000	65	2088309.193									
1000	66	2088309.193									
1000	67	2088309.193									
1000	68	2088486.013	1005-12-18 12:19:19	0.719044334	1.322655666	0.665406497º	1.207760821º	222.6723969	62.56681806	0.982987972	Total
1000	69	2088486.013									
1000	70	2088486.013									
1000	71	2088486.013									
1000	72	2088486.013									
1000	73	2088663.838	1006-06-14 08:06:37	0.748696461	1.293003539	0.742372629º	1.266566497º	232.0580048	58.32341669	1.017043141	Umbral
1000	74	2088663.838									
1000	75	2088663.838									
1000	76	2088663.838									
1000	77	2088663.838									
1000	78	2088663.838									
1000	79	2088810.698	1006-11-08 04:44:58	0.743021644	1.298678356	0.744662373º	1.285463173º	224.5763349	57.71769432	0.98581174	Grazing
1000	80	2088810.698									
1000	81	2088810.698									

1000	82	2088810.698									
1000	83	2088810.698									
1000	84	2088840.238	1006-12-07 17:43:19	0.734301062	1.307398938	0.715305604º	1.257699558º	223.5122197	59.39314152	0.982916153	Umbral
1000	85	2088988.681	1007-05-05 04:20:27	0.726479912	1.315220088	0.668551177º	1.19454968º	229.9462344	62.90068931	1.013553793	Penumbral
1000	86	2088988.681									
1000	87	2088988.681									
1000	88	2088988.681									
1000	89	2088988.681									
1000	90	2089018.235	1007-06-03 17:37:49	0.733649104	1.308050896	0.689416048º	1.213689345º	231.1566296	61.57473305	1.016889056	Penumbral
1000	91	2089165.313	1007-10-28 19:30:43	0.751860104	1.289839896	0.777052193º	1.316760726º	225.4822553	55.95786193	0.987806835	Penumbral
1000	92	2089165.313									
1000	93	2089165.313									
1000	94	2089165.313									
1000	95	2089165.313									
1000	96	2089194.753	1007-11-27 06:04:20	0.747826278	1.293873722	0.76430674º	1.306401126º	224.359829	56.58426152	0.983459323	Penumbral
1000	97	2089342.707	1008-04-23 04:57:23	0.722670767	1.319029233	0.658136123º	1.185283965º	229.2171174	63.57429122	1.011343944	Umbral
1000	98	2089342.707									
1000	99	2089342.707									
1000	100	2089342.707									
1000	101	2089519.968	1008-10-17 11:14:18	0.748379505	1.293320495	0.761595905º	1.300005461º	225.8451441	56.83385131	0.990190036	Umbral
1000	102	2089519.968									
1000	103	2089519.968									
1000	104	2089519.968									
1000	105	2089519.968									
1000	106	2089519.968									
1000	107	2089696.815	1009-04-12 07:33:07	0.732000339	1.309699661	0.689820396º	1.218337899º	229.1292981	61.41253429	1.008723031	Total
1000	108	2089696.815									
1000	109	2089696.815									
1000	110	2089696.815									
1000	111	2089696.815									
1000	112	2089696.815									
1000	113	2089874.47	1009-10-06 23:17:03	0.735178209	1.306521791	0.711524528º	1.248430587º	225.7438282	59.78803354	0.992962864	Total
1000	114	2089874.47									
1000	115	2089874.47									
1000	116	2089874.47									
1000	117	2089874.47									
1000	118	2089874.47									
1000	119	2090051.211	1010-04-01 17:03:23	0.746423754	1.295276246	0.742613872º	1.272652136º	229.2605001	58.14143651	1.005828851	Umbral
1000	120	2090051.211									
1000	121	2090051.211									
1000	122	2090051.211									
1000	123	2090051.211									
1000	124	2090051.211									
1000	125	2090198.993	1010-08-27 11:49:52	0.720504308	1.321195692	0.655910122º	1.186522332º	227.5666107	63.60955107	1.004740878	Grazing

1000	126	2090198.993									
1000	127	2090198.993									
1000	128	2090198.993									
1000	129	2090228.682	1010-09-26 04:21:26	0.721640238	1.320059762	0.665120804º	1.200337094º	225.6723862	62.8238554	0.996097817	Umbral
1000	130	2090376.479	1011-02-20 23:30:28	0.753384562	1.288315438	0.778276358º	1.31446376º	226.9891217	55.98575042	0.994293741	Penumbral
1000	131	2090376.479									
1000	132	2090376.479									
1000	133	2090376.479									
1000	134	2090376.479									
1000	135	2090405.842	1011-03-22 08:12:23	0.755086852	1.286613148	0.778584715º	1.310211121º	228.9948669	56.09058511	1.002824109	Penumbral
1000	136	2090553.009	1011-08-16 12:13:11	0.725056837	1.316643163	0.668193895º	1.197189281º	228.4788232	62.82446108	1.007811772	Penumbral
1000	137	2090553.009									
1000	138	2090553.009									
1000	139	2090553.009									
1000	140	2090553.009									
1000	141	2090582.681	1011-09-15 04:19:57	0.718844399	1.322855601	0.654491384º	1.187939721º	226.2264846	63.61049385	0.999399081	Grazing
1000	142	2090731.106	1012-02-10 14:32:42	0.744225094	1.297474906	0.745035662º	1.282776736º	225.8878734	57.78288988	0.991420972	Total
1000	143	2090731.106									
1000	144	2090731.106									
1000	145	2090731.106									
1000	146	2090731.106									
1000	147	2090907.248	1012-08-04 17:57:42	0.739884041	1.301815959	0.715505719º	1.243090027º	229.9775869	59.82702441	1.010507267	Umbral
1000	148	2090907.248									
1000	149	2090907.248									
1000	150	2090907.248									
1000	151	2090907.248									
1000	152	2090907.248									
1000	153	2091085.504	1013-01-30 00:05:44	0.727893971	1.313806029	0.690091606º	1.229266247º	224.3627558	61.05641969	0.988784964	Total
1000	154	2091085.504									
1000	155	2091085.504									
1000	156	2091085.504									
1000	157	2091085.504									
1000	158	2091261.787	1013-07-25 06:53:21	0.75399423	1.28770577	0.766142654º	1.292560297º	231.3132423	56.91101708	1.012746789	Total
1000	159	2091261.787									
1000	160	2091261.787									
1000	161	2091261.787									
1000	162	2091261.787									
1000	163	2091261.787									
1000	164	2091439.595	1014-01-19 02:16:24	0.715631905	1.326068095	0.652889409º	1.193305201º	223.2214067	63.48268289	0.986514062	Total Penumbral
1000	165	2091439.595									
1000	166	2091439.595									
1000	167	2091439.595									
1000	168	2091439.595									
1000	169	2091439.595									

1000	170	2091587.205	1014-06-15 16:54:49	0.756684036	1.285015964	0.773446935º	1.297639292º	232.4662042	56.56942703	1.017046073	Penumbral
1000	171	2091587.205									
1000	172	2091587.205									
1000	173	2091587.205									
1000	174	2091587.205									
1000	175	2091616.49	1014-07-14 23:45:13	0.758516786	1.283183214	0.783037388º	1.308507507º	231.9350378	56.01518951	1.014572966	Umbral
1000	176	2091763.822	1014-12-09 07:43:30	0.72288925	1.31881075	0.677579319º	1.219980798º	222.851908	61.76051205	0.982902515	Penumbral
1000	177	2091763.822									
1000	178	2091763.822									
1000	179	2091763.822									
1000	180	2091763.822									
1000	181	2091793.561	1015-01-08 01:27:54	0.717018154	1.324681846	0.658028386º	1.199437338º	222.9510595	63.09678459	0.984704401	Grazing
1000	182	2091941.796	1015-06-05 07:06:36	0.744539051	1.297160949	0.727097525º	1.251345581º	231.8093765	59.22452933	1.016938016	Umbral
1000	183	2091941.796									
1000	184	2091941.796									
1000	185	2091941.796									
1000	186	2092118.137	1015-11-28 15:17:02	0.73899356	1.30270644	0.731575548º	1.273720737º	223.8568246	58.43439647	0.983367166	Umbral
1000	187	2092118.137									
1000	188	2092118.137									
1000	189	2092118.137									
1000	190	2092118.137									
1000	191	2092118.137									
1000	192	2092296.107	1016-05-24 14:33:29	0.729737945	1.311962055	0.677041297º	1.201651187º	230.7800838	62.37694934	1.016236614	Total
1000	193	2092296.107									
1000	194	2092296.107									
1000	195	2092296.107									
1000	196	2092296.107									
1000	197	2092296.107									
1000	198	2092472.71	1016-11-17 05:02:23	0.750131203	1.291568797	0.772615172º	1.314184767º	224.6783883	56.14679912	0.984412312	Total
1000	199	2092472.71									
1000	200	2092472.71									
1000	201	2092472.71									
1000	202	2092472.71									
1000	203	2092472.71									
1000	204	2092650.162	1017-05-13 15:53:34	0.723261098	1.318438902	0.657421164º	1.182697322º	230.1171833	63.68805513	1.014947603	Umbral
1000	205	2092650.162									
1000	206	2092650.162									
1000	207	2092650.162									
1000	208	2092650.162									
1000	209	2092650.162									
1000	210	2092797.921	1017-10-08 10:06:16	0.745700175	1.295999825	0.749644093º	1.286730913º	226.2396786	57.53919089	0.992628674	Grazing
1000	211	2092797.921									
1000	212	2092797.921									
1000	213	2092797.921									

1000	214	2092827.367	1017-11-06 20:47:57	0.749412596	1.292287404	0.768707972º	1.309402225º	224.972408	56.38189806	0.986006	Umbral
1000	215	2092974.701	1018-04-03 04:49:44	0.735613836	1.306086164	0.703797207º	1.233630862º	228.7442055	60.48288466	1.006217276	Penumbral
1000	216	2092974.701									
1000	217	2092974.701									
1000	218	2092974.701									
1000	219	2092974.701									
1000	220	2093004.234	1018-05-02 17:36:21	0.730220784	1.311479216	0.680748983º	1.20698032º	230.0852366	62.07809656	1.01310534	Penumbral
1000	221	2093152.353	1018-09-27 20:28:42	0.73129655	1.31040345	0.69651056º	1.231966669º	226.1224922	60.76591135	0.995651687	Penumbral
1000	222	2093152.353									
1000	223	2093152.353									
1000	224	2093152.353									
1000	225	2093152.353									
1000	226	2093181.912	1018-10-27 09:53:18	0.737612274	1.304087726	0.723457197º	1.263003905º	224.7926402	58.98908215	0.988103105	Penumbral
1000	227	2093329.173	1019-03-23 16:09:50	0.749395523	1.292304477	0.755923996º	1.287359249º	228.7916812	57.34275445	1.00318482	Umbral
1000	228	2093329.173									
1000	229	2093329.173									
1000	230	2093329.173									
1000	231	2093329.173									
1000	232	2093506.488	1019-09-16 23:42:46	0.719939572	1.321760428	0.658062529º	1.191799258º	226.1966579	63.35441498	0.998859079	Umbral
1000	233	2093506.488									
1000	234	2093506.488									
1000	235	2093506.488									
1000	236	2093506.488									
1000	237	2093683.836	1020-03-12 08:03:54	0.755047213	1.286652787	0.780520072º	1.313587448º	228.3770733	55.94834875	1.000113311	Total
1000	238	2093683.836									
1000	239	2093683.836									
1000	240	2093683.836									
1000	241	2093683.836									
1000	242	2093683.836									
1000	243	2093860.481	1020-09-04 23:33:16	0.721311864	1.320388136	0.660293353º	1.192277728º	226.9751332	63.26097811	1.002149317	Total
1000	244	2093860.481									
1000	245	2093860.481									
1000	246	2093860.481									
1000	247	2093860.481									
1000	248	2093860.481									
1000	249	2094038.499	1021-03-01 23:58:53	0.748540066	1.293159934	0.757279398º	1.292001244º	227.3477388	57.17539372	0.997018884	Umbral
1000	250	2094038.499									
1000	251	2094038.499									
1000	252	2094038.499									
1000	253	2094038.499									
1000	254	2094038.499									
1000	255	2094185.184	1021-07-26 16:24:33	0.744818069	1.296881931	0.731635198º	1.258191383º	230.7343276	58.88555595	1.012480327	Grazing
1000	256	2094185.184									
1000	257	2094185.184									

1000	258	2094185.184									
1000	259	2094185.184									
1000	260	2094214.646	1021-08-25 03:29:57	0.734874557	1.306825443	0.701984337º	1.232293813º	228.4793468	60.58175363	1.005314446	Umbral
1000	261	2094363.341	1022-01-20 20:11:31	0.723029889	1.318670111	0.675637571º	1.215869369º	223.6781903	61.95800832	0.986850051	Penumbral
1000	262	2094363.341									
1000	263	2094363.341									
1000	264	2094363.341									
1000	265	2094392.972	1022-02-19 11:19:43	0.733049866	1.308650134	0.703905882º	1.240280181º	225.7646933	60.27399636	0.993947284	Grazing
1000	266	2094539.788	1022-07-16 06:54:57	0.756743276	1.284956724	0.77588746º	1.301452912º	231.8224617	56.39908191	1.014388933	Umbral
1000	267	2094539.788									
1000	268	2094539.788									
1000	269	2094539.788									
1000	270	2094539.788									
1000	271	2094569.119	1022-08-14 14:51:08	0.750390391	1.291309609	0.755682921º	1.284459825º	230.0552798	57.43054197	1.008228185	Penumbral
1000	272	2094717.364	1023-01-09 20:44:23	0.714154728	1.327545272	0.649338065º	1.190629708º	222.8224815	63.69835884	0.984917807	Umbral
1000	273	2094717.364									
1000	274	2094717.364									
1000	275	2094717.364									
1000	276	2094717.364									
1000	277	2094894.504	1023-07-06 00:05:59	0.757793523	1.283906477	0.779043298º	1.303861971º	232.2033175	56.24788406	1.015832334	Total
1000	278	2094894.504									
1000	279	2094894.504									
1000	280	2094894.504									
1000	281	2094894.504									
1000	282	2094894.504									
1000	283	2095071.354	1023-12-29 20:29:35	0.719872786	1.321827214	0.667520215º	1.209546468º	222.8653373	62.43641108	0.983582945	Total
1000	284	2095071.354									
1000	285	2095071.354									
1000	286	2095071.354									
1000	287	2095071.354									
1000	288	2095071.354									
1000	289	2095249.136	1024-06-24 15:16:27	0.747705811	1.293994189	0.73899631º	1.263351093º	231.9098685	58.51590137	1.01673103	Umbral
1000	290	2095249.136									
1000	291	2095249.136									
1000	292	2095249.136									
1000	293	2095249.136									
1000	294	2095396.058	1024-11-18 13:23:49	0.743328971	1.298371029	0.746837829º	1.28849621º	224.2692302	57.56987035	0.984250954	Grazing
1000	295	2095396.058									
1000	296	2095396.058									
1000	297	2095396.058									
1000	298	2095396.058									
1000	299	2095425.596	1024-12-18 02:17:36	0.735152894	1.306547106	0.718183706º	1.260565691º	223.5784251	59.22030605	0.982937841	Umbral
1000	300	2095573.956	1025-05-15 10:57:01	0.726407794	1.315292206	0.667128466º	1.192270873º	230.3435177	63.02595417	1.015206104	Penumbral
1000	301	2095573.956									

1000	302	2095573.956									
1000	303	2095573.956									
1000	304	2095573.956									
1000	305	2095603.514	1025-06-14 00:19:29	0.732835668	1.308864332	0.686564213º	1.210734636º	231.1598784	61.76360728	1.017088631	Penumbral
1000	306	2095750.676	1025-11-08 04:13:50	0.751482417	1.290217583	0.777025896º	1.317825705º	225.028755	55.93032067	0.985813546	Penumbral
1000	307	2095750.676									
1000	308	2095750.676									
1000	309	2095750.676									
1000	310	2095750.676									
1000	311	2095780.121	1025-12-07 14:54:05	0.748135284	1.293564716	0.765890299º	1.308273171º	224.2601729	56.48984714	0.982936235	Penumbral
1000	312	2095927.981	1026-05-04 11:33:15	0.723604062	1.318095938	0.659538515º	1.185620936º	229.7724724	63.51387477	1.013392117	Umbral
1000	313	2095927.981									
1000	314	2095927.981									
1000	315	2095927.981									
1000	316	2095927.981									
1000	317	2096105.323	1026-10-28 19:45:50	0.747231033	1.294468967	0.758940058º	1.298634587º	225.2614153	56.94565661	0.987832467	Umbral
1000	318	2096105.323									
1000	319	2096105.323									
1000	320	2096105.323									
1000	321	2096105.323									
1000	322	2096282.108	1027-04-23 14:36:13	0.733622346	1.308077654	0.693414683º	1.220662572º	229.8083159	61.22179181	1.01115204	Total
1000	323	2096282.108									
1000	324	2096282.108									
1000	325	2096282.108									
1000	326	2096282.108									
1000	327	2096282.108									
1000	328	2096459.807	1027-10-18 07:22:03	0.733553461	1.308146539	0.707821493º	1.246196528º	225.0523873	59.97054602	0.990253527	Total
1000	329	2096459.807									
1000	330	2096459.807									
1000	331	2096459.807									
1000	332	2096459.807									
1000	333	2096459.807									
1000	334	2096636.527	1028-04-12 00:39:27	0.747982398	1.293717602	0.746317011º	1.274881055º	229.9980802	57.97001655	1.008634211	Umbral
1000	335	2096636.527									
1000	336	2096636.527									
1000	337	2096636.527									
1000	338	2096636.527									
1000	339	2096636.527									
1000	340	2096784.286	1028-09-06 18:51:28	0.719379469	1.322320531	0.654508349º	1.186740262º	226.8024175	63.65106616	1.001683221	Grazing
1000	341	2096784.286									
1000	342	2096784.286									
1000	343	2096784.286									
1000	344	2096784.286									
1000	345	2096813.996	1028-10-06 11:54:35	0.720192372	1.321507628	0.662552168º	1.199376017º	224.9332241	62.94375308	0.993114927	Umbral

1000	346	2096961.826	1029-03-03 07:49:47	0.753972681	1.287727319	0.778303098º	1.312831278º	227.7052063	56.02843037	0.997380115	Penumbral
1000	347	2096961.826									
1000	348	2096961.826									
1000	349	2096961.826									
1000	350	2096991.173	1029-04-01 16:09:19	0.756049844	1.285650156	0.780098627º	1.310123631º	229.7399023	56.05182957	1.005854012	Penumbral
1000	351	2097138.302	1029-08-26 19:14:34	0.724812733	1.316887267	0.669415962º	1.199952289º	227.7899351	62.69067075	1.004884587	Penumbral
1000	352	2097138.302									
1000	353	2097138.302									
1000	354	2097138.302									
1000	355	2097138.302									
1000	356	2097167.985	1029-09-25 11:38:07	0.718133585	1.323566415	0.654344903º	1.189464079º	225.4887789	63.56336296	0.996278591	Grazing
1000	357	2097316.451	1030-02-20 22:49:32	0.744221464	1.297478536	0.742971531º	1.279137009º	226.5218459	57.94584808	0.994334398	Total
1000	358	2097316.451									
1000	359	2097316.451									
1000	360	2097316.451									
1000	361	2097316.451									
1000	362	2097492.554	1030-08-16 01:17:59	0.740090953	1.301609047	0.718172522º	1.247147327º	229.3726583	59.62223585	1.007850985	Umbral
1000	363	2097492.554									
1000	364	2097492.554									
1000	365	2097492.554									
1000	366	2097492.554									
1000	367	2097492.554									
1000	368	2097670.838	1031-02-10 08:07:19	0.727779407	1.313920593	0.68804978º	1.22581163º	224.9126249	61.23179116	0.991382668	Total
1000	369	2097670.838									
1000	370	2097670.838									
1000	371	2097670.838									
1000	372	2097670.838									
1000	373	2097670.838									
1000	374	2097847.103	1031-08-05 14:28:22	0.753984503	1.287715497	0.767926792º	1.295516771º	230.7725826	56.78027156	1.010496405	Total
1000	375	2097847.103									
1000	376	2097847.103									
1000	377	2097847.103									
1000	378	2097847.103									
1000	379	2098024.921	1032-01-30 10:05:39	0.715992149	1.325707851	0.652641438º	1.191865693º	223.7082593	63.54053637	0.988693985	Total Penumbral
1000	380	2098024.921									
1000	381	2098024.921									
1000	382	2098024.921									
1000	383	2098024.921									
1000	384	2098024.921									
1000	385	2098172.513	1032-06-26 00:18:03	0.756056206	1.285643794	0.771309465º	1.295717646º	232.3246049	56.6808153	1.016627499	Grazing
1000	386	2098172.513									
1000	387	2098172.513									
1000	388	2098172.513									
1000	389	2098172.513									

1000	390	2098201.806	1032-07-25 07:19:57	0.757903408	1.283796592	0.782055534º	1.308483941º	231.4599337	56.04242345	1.012726081	Umbral
1000	391	2098349.167	1032-12-19 16:01:03	0.723693431	1.318006569	0.680018861º	1.222349257º	222.9340094	61.6040053	0.983031345	Penumbral
1000	392	2098349.167									
1000	393	2098349.167									
1000	394	2098349.167									
1000	395	2098349.167									
1000	396	2098378.894	1033-01-18 09:26:54	0.718011788	1.323688212	0.660014653º	1.200478171º	223.3705654	62.99356575	0.986426948	Grazing
1000	397	2098527.09	1033-06-15 14:09:07	0.743613928	1.298086072	0.723679056º	1.247864671º	231.7832443	59.43225178	1.017059153	Umbral
1000	398	2098527.09									
1000	399	2098527.09									
1000	400	2098527.09									
1000	401	2098527.09									
1000	402	2098556.468	1033-07-14 23:13:13	0.750121045	1.291578955	0.749888828º	1.275365092º	231.4975563	57.85285085	1.014561104	Grazing
1000	403	2098703.498	1033-12-08 23:56:41	0.739646237	1.302053763	0.734215525º	1.27662241º	223.7981815	58.27304549	0.982892718	Umbral
1000	404	2098703.498									
1000	405	2098703.498									
1000	406	2098703.498									
1000	407	2098881.381	1034-06-04 21:08:49	0.729215792	1.312484208	0.674841884º	1.199104333º	230.9196326	62.53522064	1.016910096	Total
1000	408	2098881.381									
1000	409	2098881.381									
1000	410	2098881.381									
1000	411	2098881.381									
1000	412	2098881.381									
1000	413	2099058.078	1034-11-28 13:52:17	0.750141085	1.291558915	0.77340526º	1.315555309º	224.4548671	56.08873699	0.983358352	Total
1000	414	2099058.078									
1000	415	2099058.078									
1000	416	2099058.078									
1000	417	2099058.078									
1000	418	2099058.078									
1000	419	2099235.43	1035-05-24 22:19:10	0.723729623	1.317970377	0.657998764º	1.18263705º	230.4417313	63.66990781	1.016181609	Umbral
1000	420	2099235.43									
1000	421	2099235.43									
1000	422	2099235.43									
1000	423	2099235.43									
1000	424	2099235.43									
1000	425	2099383.269	1035-10-19 18:27:15	0.74431127	1.29738873	0.746374017º	1.284939734º	225.5743573	57.68327313	0.989902923	Grazing
1000	426	2099383.269									
1000	427	2099383.269									
1000	428	2099383.269									
1000	429	2099383.269									
1000	430	2099560.005	1036-04-13 12:06:38	0.737335013	1.304364987	0.707721119º	1.236083074º	229.4842471	60.2835926	1.009019995	Penumbral
1000	431	2099560.005									
1000	432	2099560.005									
1000	433	2099560.005									

1000	434	2099560.005									
1000	435	2099589.516	1036-05-13 00:22:37	0.731561565	1.310138435	0.683897808º	1.209199517º	230.5759582	61.90135872	1.014898236	Penumbral
1000	436	2099737.68	1036-10-08 04:19:21	0.729602198	1.312097802	0.692856093º	1.229915257º	225.3759381	60.94714415	0.992679791	Penumbral
1000	437	2099737.68									
1000	438	2099737.68									
1000	439	2099737.68									
1000	440	2099737.68									
1000	441	2099767.261	1036-11-06 18:16:28	0.736232375	1.305467625	0.719989089º	1.260685982º	224.2728174	59.16213092	0.986001186	Penumbral
1000	442	2099914.498	1037-04-02 23:57:33	0.750841136	1.290858864	0.759206285º	1.289053499º	229.55694	57.20270975	1.006191527	Umbral
1000	443	2099914.498									
1000	444	2099914.498									
1000	445	2099914.498									
1000	446	2099914.498									
1000	447	2100091.794	1037-09-27 07:03:31	0.718641025	1.323058975	0.656098173º	1.19148486º	225.433037	63.43327294	0.995780789	Umbral
1000	448	2100091.794									
1000	449	2100091.794									
1000	450	2100091.794									
1000	451	2100091.794									
1000	452	2100091.794									
1000	453	2100269.172	1038-03-23 16:08:22	0.75581934	1.28588066	0.781190848º	1.312623706º	229.1296974	55.9557948	1.003189341	Total
1000	454	2100269.172									
1000	455	2100269.172									
1000	456	2100269.172									
1000	457	2100269.172									
1000	458	2100445.782	1038-09-16 06:46:45	0.720828324	1.320871676	0.660888749º	1.194515218º	226.2369529	63.16465553	0.999065468	Total
1000	459	2100445.782									
1000	460	2100445.782									
1000	461	2100445.782									
1000	462	2100445.782									
1000	463	2100445.782									
1000	464	2100623.836	1039-03-13 08:04:17	0.748688201	1.293011799	0.755477404º	1.288557529º	228.0653356	57.3220408	1.000089392	Umbral
1000	465	2100623.836									
1000	466	2100623.836									
1000	467	2100623.836									
1000	468	2100623.836									
1000	469	2100623.836									
1000	470	2100770.49	1039-08-06 23:46:10	0.745086961	1.296613039	0.734408431º	1.262138586º	230.1994979	58.68720197	1.010227998	Grazing
1000	471	2100770.49									
1000	472	2100770.49									
1000	473	2100770.49									
1000	474	2100770.49									
1000	475	2100799.957	1039-09-05 10:58:34	0.73493025	1.30676975	0.704362559º	1.236248091º	227.7813784	60.38403881	1.00233555	Umbral
1000	476	2100948.675	1040-02-01 04:12:15	0.722936842	1.318763158	0.673929932º	1.212948023º	224.151802	62.11002631	0.989072142	Penumbral
1000	477	2100948.675									

1000	478	2100948.675									
1000	479	2100948.675									
1000	480	2100948.675									
1000	481	2100978.3	1040-03-01 19:11:58	0.733001033	1.308698967	0.701655835º	1.236414684º	226.4358238	60.46419285	0.996949895	Grazing
1000	482	2101125.103	1040-07-26 14:28:25	0.756649559	1.285050441	0.77706664º	1.303612766º	231.3613955	56.30861693	1.012499668	Penumbral
1000	483	2101125.103									
1000	484	2101125.103									
1000	485	2101125.103									
1000	486	2101154.441	1040-08-24 22:34:58	0.750338402	1.291361598	0.757708498º	1.287981382º	229.3836641	57.27484282	1.005383821	Penumbral
1000	487	2101302.692	1041-01-20 04:37:12	0.714628727	1.327071273	0.64969427º	1.189989682º	223.2259971	63.70789595	0.986733861	Umbral
1000	488	2101302.692									
1000	489	2101302.692									
1000	490	2101302.692									
1000	491	2101302.692									
1000	492	2101479.816	1041-07-16 07:35:31	0.757070407	1.284629593	0.77728203º	1.302869644º	231.8201527	56.32269651	1.014346159	Total
1000	493	2101479.816									
1000	494	2101479.816									
1000	495	2101479.816									
1000	496	2101479.816									
1000	497	2101479.816									
1000	498	2101656.693	1042-01-09 04:37:48	0.720890049	1.320809951	0.669925394º	1.211241598º	223.1879307	62.2997584	0.984873119	Total
1000	499	2101656.693									
1000	500	2101656.693									
1000	501	2101656.693									
1000	502	2101656.693									
1000	503	2101656.693									
1000	504	2101834.435	1042-07-05 22:26:07	0.746548296	1.295151704	0.735423022º	1.260275865º	231.6223058	58.71142627	1.0157662	Total
1000	505	2101834.435									
1000	506	2101834.435									
1000	507	2101834.435									
1000	508	2101834.435									
1000	509	2101834.435									
1000	510	2102010.953	1042-12-29 10:51:39	0.736151731	1.305548269	0.721231315º	1.263233345º	223.7763551	59.04923771	0.983626901	Umbral
1000	511	2102010.953									
1000	512	2102010.953									
1000	513	2102010.953									
1000	514	2102010.953									
1000	515	2102159.228	1043-05-26 17:28:23	0.726227497	1.315472503	0.665703695º	1.190270808º	230.6170882	63.14236844	1.016319484	Penumbral
1000	516	2102159.228									
1000	517	2102159.228									
1000	518	2102159.228									
1000	519	2102159.228									
1000	520	2102188.791	1043-06-25 06:59:27	0.731882546	1.309817454	0.683667303º	1.208035268º	231.0215999	61.94683088	1.016705469	Penumbral
1000	521	2102336.043	1043-11-19 13:01:37	0.751187642	1.290512358	0.776950873º	1.318599809º	224.6878322	55.91182735	0.984268116	Penumbral

1000	522	2102336.043									
1000	523	2102336.043									
1000	524	2102336.043									
1000	525	2102336.043									
1000	526	2102365.489	1043-12-18 23:44:44	0.748557192	1.293142808	0.767488482º	1.309849376º	224.292301	56.40332213	0.982976066	Penumbral
1000	527	2102513.253	1044-05-14 18:04:27	0.724455405	1.317244595	0.66102571º	1.18621701º	230.2207194	63.44178476	1.015111595	Umbral
1000	528	2102513.253									
1000	529	2102513.253									
1000	530	2102513.253									
1000	531	2102513.253									
1000	532	2102690.682	1044-11-08 04:22:39	0.746163039	1.295536961	0.756271975º	1.297098318º	224.7752744	57.06281113	0.985765181	Umbral
1000	533	2102690.682									
1000	534	2102690.682									
1000	535	2102690.682									
1000	536	2102690.682									
1000	537	2102690.682									
1000	538	2102867.399	1045-05-03 21:34:51	0.735159321	1.306540679	0.697050126º	1.223164122º	230.4000273	61.02532345	1.013331296	Total
1000	539	2102867.399									
1000	540	2102867.399									
1000	541	2102867.399									
1000	542	2102867.399									
1000	543	2103045.148	1045-10-28 15:33:05	0.732026379	1.309673621	0.7042433º	1.243952029º	224.4419116	60.15059713	0.987806478	Total
1000	544	2103045.148									
1000	545	2103045.148									
1000	546	2103045.148									
1000	547	2103045.148									
1000	548	2103045.148									
1000	549	2103221.84	1046-04-23 08:10:02	0.749447067	1.292252933	0.74991219º	1.277160636º	230.6690226	57.80128349	1.011150969	Umbral
1000	550	2103221.84									
1000	551	2103221.84									
1000	552	2103221.84									
1000	553	2103221.84									
1000	554	2103221.84									
1000	555	2103369.585	1046-09-18 02:01:47	0.718291814	1.323408186	0.65324301º	1.187143633º	226.0347617	63.68148281	0.998552455	Grazing
1000	556	2103369.585									
1000	557	2103369.585									
1000	558	2103369.585									
1000	559	2103369.585									
1000	560	2103399.316	1046-10-17 19:35:15	0.718855818	1.322844182	0.660182274º	1.198507056º	224.2567541	63.05418221	0.990345968	Umbral
1000	561	2103547.167	1047-03-14 16:00:55	0.754543443	1.287156557	0.778159878º	1.311024981º	228.4465104	56.08042158	1.000492948	Penumbral
1000	562	2103547.167									
1000	563	2103547.167									
1000	564	2103547.167									
1000	565	2103547.167									

1000	566	2103576.5	1047-04-12 23:59:17	0.756924337	1.284775663	0.781397255º	1.309945588º	230.4410521	56.02136753	1.008664194	Penumbral
1000	567	2103723.601	1047-09-07 02:25:39	0.724555964	1.317144036	0.670708978º	1.202836968º	227.070536	62.55101693	1.001878847	Penumbral
1000	568	2103723.601									
1000	569	2103723.601									
1000	570	2103723.601									
1000	571	2103753.296	1047-10-06 19:05:48	0.71750843	1.32419157	0.654358739º	1.191085923º	224.7916173	63.50738618	0.993293789	Penumbral
1000	572	2103901.79	1048-03-03 06:57:23	0.7442423	1.2974577	0.740823434º	1.275363456º	227.2056841	58.1160067	0.997358019	Umbral
1000	573	2103901.79									
1000	574	2103901.79									
1000	575	2103901.79									
1000	576	2103901.79									
1000	577	2104077.866	1048-08-26 08:47:09	0.740217297	1.301482703	0.720756773º	1.25122967º	228.707999	59.42061125	1.005004744	Umbral
1000	578	2104077.866									
1000	579	2104077.866									
1000	580	2104077.866									
1000	581	2104077.866									
1000	582	2104077.866									
1000	583	2104256.166	1049-02-20 15:59:43	0.727758135	1.313941865	0.686095833º	1.222308843º	225.5381483	61.40685213	0.994246258	Total
1000	584	2104256.166									
1000	585	2104256.166									
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1000	588	2104256.166									
1000	589	2104432.424	1049-08-15 22:10:13	0.753846246	1.287853754	0.769467315º	1.29842548º	230.1468935	56.65817483	1.007882688	Total
1000	590	2104432.424									
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1000	592	2104432.424									
1000	593	2104432.424									
1000	594	2104432.424									
1000	595	2104610.241	1050-02-09 17:47:12	0.716509059	1.325190941	0.652607728º	1.190449101º	224.2914542	63.59022956	0.991236088	Umbral
1000	596	2104610.241									
1000	597	2104610.241									
1000	598	2104610.241									
1000	599	2104610.241									
1000	600	2104757.821	1050-07-07 07:42:01	0.755248011	1.286451989	0.768899321º	1.293814373º	232.0434052	56.79973371	1.01564582	Grazing
1000	601	2104757.821									
1000	602	2104757.821									
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1000	604	2104757.821									
1000	605	2104787.124	1050-08-05 14:59:16	0.757140796	1.284559204	0.780810008º	1.308401591º	230.88133	56.07840723	1.010493334	Umbral
1000	606	2104934.513	1050-12-31 00:18:15	0.724678638	1.317021362	0.682694711º	1.22461959º	223.1495236	61.44372822	0.983766936	Penumbral
1000	607	2104934.513									
1000	608	2104934.513									
1000	609	2104934.513									

1000	610	2104934.513									
1000	611	2104964.223	1051-01-29 17:20:49	0.719177927	1.322522073	0.662238011º	1.201538046º	223.9006082	62.88195171	0.988555058	Grazing
1000	612	2105112.382	1051-06-26 21:10:06	0.742525571	1.299174429	0.720123381º	1.244537067º	231.6144649	59.64102746	1.016616829	Umbral
1000	613	2105112.382									
1000	614	2105112.382									
1000	615	2105112.382									
1000	616	2105112.382									
1000	617	2105141.774	1051-07-26 06:34:01	0.748808722	1.292891278	0.746378765º	1.272796129º	230.9842053	58.02767029	1.012747326	Grazing
1000	618	2105288.859	1051-12-20 08:37:28	0.740433231	1.301266769	0.736959768º	1.279297833º	223.8716834	58.11602028	0.983017444	Umbral
1000	619	2105288.859									
1000	620	2105288.859									
1000	621	2105288.859									
1000	622	2105288.859									
1000	623	2105466.654	1052-06-15 03:41:24	0.728563446	1.313136554	0.672632338º	1.196826007º	230.9190982	62.68569574	1.017043526	Total
1000	624	2105466.654									
1000	625	2105466.654									
1000	626	2105466.654									
1000	627	2105466.654									
1000	628	2105643.447	1052-12-08 22:44:20	0.750255611	1.291444389	0.774195608º	1.316600239º	224.3604331	56.03945373	0.982896803	Total
1000	629	2105643.447									
1000	630	2105643.447									
1000	631	2105643.447									
1000	632	2105643.447									
1000	633	2105643.447									
1000	634	2105820.696	1053-06-04 04:42:19	0.724089796	1.317610204	0.65860514º	1.182896855º	230.633316	63.63977443	1.016853333	Umbral
1000	635	2105820.696									
1000	636	2105820.696									
1000	637	2105820.696									
1000	638	2105820.696									
1000	639	2105820.696									
1000	640	2105968.621	1053-10-30 02:54:16	0.742994066	1.298705934	0.743158908º	1.283005518º	224.99139	57.83054662	0.987554183	Grazing
1000	641	2105968.621									
1000	642	2105968.621									
1000	643	2105968.621									
1000	644	2105968.621									
1000	645	2105998.097	1053-11-28 14:19:39	0.747943114	1.293756886	0.76486447º	1.306993928º	224.3388943	56.55277629	0.983395699	Umbral
1000	646	2106145.304	1054-04-24 19:18:17	0.738982688	1.302717312	0.711621245º	1.238715145º	230.1559876	60.08084741	1.011447442	Penumbral
1000	647	2106145.304									
1000	648	2106145.304									
1000	649	2106145.304									
1000	650	2106145.304									
1000	651	2106323.012	1054-10-19 12:16:44	0.72799662	1.31370338	0.68936488º	1.227892454º	224.6932893	61.12328959	0.989973035	Penumbral
1000	652	2106323.012									
1000	653	2106323.012									

1000	654	2106323.012									
1000	655	2106323.012									
1000	656	2106352.614	1054-11-18 02:43:45	0.734975735	1.306724265	0.716677856º	1.258232463º	223.8635886	59.33547682	0.984439558	Penumbral
1000	657	2106499.819	1055-04-14 07:38:57	0.752207901	1.289492099	0.762354645º	1.290744336º	230.2761708	57.06720655	1.008967031	Umbral
1000	658	2106499.819									
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1000	661	2106499.819									
1000	662	2106677.106	1055-10-08 14:32:36	0.717434602	1.324265398	0.654311881º	1.191302085º	224.7125069	63.50162824	0.992807268	Umbral
1000	663	2106677.106									
1000	664	2106677.106									
1000	665	2106677.106									
1000	666	2106677.106									
1000	667	2106677.106									
1000	668	2106854.504	1056-04-03 00:05:11	0.756523755	1.285176245	0.78167469º	1.311510746º	229.8602102	55.97225926	1.006212717	Total
1000	669	2106854.504									
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1000	671	2106854.504									
1000	672	2106854.504									
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1000	674	2107031.09	1056-09-26 14:10:13	0.720396285	1.321303715	0.661573035º	1.196883436º	225.5172281	63.06116696	0.995922696	Total
1000	675	2107031.09									
1000	676	2107031.09									
1000	677	2107031.09									
1000	678	2107031.09									
1000	679	2107209.167	1057-03-23 16:00:35	0.748802847	1.292897153	0.753562102º	1.284962265º	228.7860394	57.4769162	1.003251062	Umbral
1000	680	2107209.167									
1000	681	2107209.167									
1000	682	2107209.167									
1000	683	2107209.167									
1000	684	2107209.167									
1000	685	2107355.803	1057-08-17 07:15:39	0.745244731	1.296455269	0.737001783º	1.266140201º	229.583256	58.4939147	1.007539349	Grazing
1000	686	2107355.803									
1000	687	2107355.803									
1000	688	2107355.803									
1000	689	2107355.803									
1000	690	2107385.276	1057-09-15 18:37:09	0.734965981	1.306734019	0.706677766º	1.240251497º	227.0726104	60.18807255	0.999164214	Umbral
1000	691	2107534.003	1058-02-11 12:04:36	0.722972492	1.318727508	0.6723833º	1.209975171º	224.7188039	62.25909676	0.991696131	Penumbral
1000	692	2107534.003									
1000	693	2107534.003									
1000	694	2107534.003									
1000	695	2107534.003									
1000	696	2107563.621	1058-03-13 02:54:06	0.732982369	1.308717631	0.699423438º	1.23251375º	227.1389183	60.65613821	1.00007028	Grazing
1000	697	2107710.422	1058-08-06 22:07:29	0.756407394	1.285292606	0.777977591º	1.305713913º	230.7976747	56.2273337	1.010216193	Penumbral

1000	698	2107710.422									
1000	699	2107710.422									
1000	700	2107710.422									
1000	701	2107710.422									
1000	702	2107739.769	1058-09-05 06:27:13	0.750206683	1.291493317	0.759554476º	1.291421238º	228.6720027	57.12730447	1.002370925	Penumbral
1000	703	2107888.016	1059-01-31 12:23:45	0.715281782	1.326418218	0.650280528º	1.18937942º	223.7395857	63.70835019	0.988923899	Umbral
1000	704	2107888.016									
1000	705	2107888.016									
1000	706	2107888.016									
1000	707	2108065.131	1059-07-27 15:08:21	0.756185903	1.285514097	0.775284693º	1.301828762º	231.3188497	56.40550003	1.012503623	Total
1000	708	2108065.131									
1000	709	2108065.131									
1000	710	2108065.131									
1000	711	2108065.131									
1000	712	2108065.131									
1000	713	2108242.029	1060-01-20 12:42:27	0.72208333	1.31961667	0.672550519º	1.212928749º	223.6311292	62.15662767	0.986582635	Total
1000	714	2108242.029									
1000	715	2108242.029									
1000	716	2108242.029									
1000	717	2108242.029									
1000	718	2108242.029									
1000	719	2108419.734	1060-07-16 05:36:58	0.74523552	1.29646448	0.731727685º	1.257298325º	231.2045987	58.9090451	1.01437892	Total
1000	720	2108419.734									
1000	721	2108419.734									
1000	722	2108419.734									
1000	723	2108419.734									
1000	724	2108419.734									
1000	725	2108596.308	1061-01-08 19:23:52	0.737290567	1.304409433	0.724405116º	1.265753929º	224.1009696	58.87970012	0.984813792	Umbral
1000	726	2108596.308									
1000	727	2108596.308									
1000	728	2108596.308									
1000	729	2108596.308									
1000	730	2108596.308									
1000	731	2108744.497	1061-06-05 23:56:04	0.725929722	1.315770278	0.664298084º	1.188547781º	230.7562053	63.24915616	1.016934832	Grazing
1000	732	2108744.497									
1000	733	2108744.497									
1000	734	2108744.497									
1000	735	2108774.069	1061-07-05 13:39:14	0.730796428	1.310903572	0.680753422º	1.205588943º	230.7456357	62.12343157	1.015799725	Penumbral
1000	736	2108921.412	1061-11-29 21:52:40	0.750988603	1.290711397	0.77687349º	1.319038076º	224.469994	55.90230429	0.983331984	Penumbral
1000	737	2108921.412									
1000	738	2108921.412									
1000	739	2108921.412									
1000	740	2108921.412									
1000	741	2108950.857	1061-12-29 08:34:40	0.749091126	1.292608874	0.769121878º	1.311111096º	224.4556036	56.32455304	0.983650154	Penumbral

1000	742	2109098.523	1062-05-26 00:32:27	0.725207106	1.316492894	0.662528667º	1.187139096º	230.5463312	63.35821688	1.016235569	Umbral
1000	743	2109098.523									
1000	744	2109098.523									
1000	745	2109098.523									
1000	746	2109098.523									
1000	747	2109128.14	1062-06-24 15:22:19	0.723813734	1.317886266	0.65781781º	1.182179636º	230.5917818	63.69196566	1.016717373	Grazing
1000	748	2109276.044	1062-11-19 13:03:36	0.74519347	1.29650653	0.753675435º	1.295313611º	224.4008389	57.18531505	0.98428767	Umbral
1000	749	2109276.044									
1000	750	2109276.044									
1000	751	2109276.044									
1000	752	2109276.044									
1000	753	2109452.688	1063-05-15 04:30:13	0.736587848	1.305112152	0.700648814º	1.225897786º	230.8851388	60.82400665	1.015000135	Total
1000	754	2109452.688									
1000	755	2109452.688									
1000	756	2109452.688									
1000	757	2109452.688									
1000	758	2109452.688									
1000	759	2109630.493	1063-11-08 23:49:15	0.730620394	1.311079606	0.70084119º	1.241642592º	223.9298995	60.32820374	0.985810643	Total
1000	760	2109630.493									
1000	761	2109630.493									
1000	762	2109630.493									
1000	763	2109630.493									
1000	764	2109807.15	1064-05-03 15:36:05	0.750792579	1.290907421	0.753363488º	1.279498037º	231.2511956	57.63602773	1.013291712	Umbral
1000	765	2109807.15									
1000	766	2109807.15									
1000	767	2109807.15									
1000	768	2109807.15									
1000	769	2109807.15									
1000	770	2109954.89	1064-09-28 09:21:02	0.717271777	1.324428223	0.652137961º	1.187696411º	225.2889432	63.70117282	0.995461427	Grazing
1000	771	2109954.89									
1000	772	2109954.89									
1000	773	2109954.89									
1000	774	2109954.89									
1000	775	2109984.641	1064-10-28 03:22:48	0.71765766	1.32404234	0.658040859º	1.197690888º	223.6634585	63.15534625	0.987913923	Umbral
1000	776	2110132.503	1065-03-25 00:03:52	0.75506966	1.28663034	0.777843193º	1.309048407º	229.1878232	56.14177654	1.003619248	Penumbral
1000	777	2110132.503									
1000	778	2110132.503									
1000	779	2110132.503									
1000	780	2110132.503									
1000	781	2110161.821	1065-04-23 07:42:56	0.757684905	1.284015095	0.782454779º	1.309690789º	231.0740838	55.9995042	1.011174821	Penumbral
1000	782	2110308.908	1065-09-17 09:46:51	0.724313769	1.317386231	0.672039905º	1.205853222º	226.3463131	62.40636544	0.998715769	Penumbral
1000	783	2110308.908									
1000	784	2110308.908									
1000	785	2110308.908									

1000	786	2110308.908									
1000	787	2110338.613	1065-10-17 02:42:38	0.716996477	1.324703523	0.654544895º	1.19277739º	224.157962	63.44314391	0.990515777	Penumbral
1000	788	2110487.122	1066-03-14 14:55:52	0.744261743	1.297438257	0.738597324º	1.271463457º	227.9155027	58.29309757	1.000491015	Umbral
1000	789	2110487.122									
1000	790	2110487.122									
1000	791	2110487.122									
1000	792	2110663.185	1066-09-06 16:25:43	0.740287374	1.301412626	0.723239605º	1.25532875º	228.0084317	59.22291889	1.00195199	Umbral
1000	793	2110663.185									
1000	794	2110663.185									
1000	795	2110663.185									
1000	796	2110663.185									
1000	797	2110663.185									
1000	798	2110841.488	1067-03-03 23:42:14	0.727805624	1.313894376	0.684212231º	1.218790169º	226.2178082	61.58112486	0.99728728	Total
1000	799	2110841.488									
1000	800	2110841.488									
1000	801	2110841.488									
1000	802	2110841.488									
1000	803	2110841.488									
1000	804	2111017.75	1067-08-27 05:59:35	0.753601922	1.288098078	0.770780721º	1.301255171º	229.4593657	56.5450109	1.005001802	Total
1000	805	2111017.75									
1000	806	2111017.75									
1000	807	2111017.75									
1000	808	2111017.75									
1000	809	2111017.75									
1000	810	2111195.556	1068-02-21 01:20:08	0.717159101	1.324540899	0.65278658º	1.189069168º	224.9521774	63.63131156	0.994117262	Umbral
1000	811	2111195.556									
1000	812	2111195.556									
1000	813	2111195.556									
1000	814	2111195.556									
1000	815	2111195.556									
1000	816	2111343.131	1068-07-17 15:07:56	0.754270192	1.287429808	0.766242801º	1.291927509º	231.6323277	56.92559276	1.01415881	Grazing
1000	817	2111343.131									
1000	818	2111343.131									
1000	819	2111343.131									
1000	820	2111372.447	1068-08-15 22:44:08	0.756250001	1.285449999	0.779299714º	1.308275101º	230.2197982	56.12281339	1.007849874	Umbral
1000	821	2111519.857	1069-01-10 08:33:26	0.725836659	1.315863341	0.685594916º	1.226813128º	223.4927962	61.27945434	0.985051438	Penumbral
1000	822	2111519.857									
1000	823	2111519.857									
1000	824	2111519.857									
1000	825	2111519.857									
1000	826	2111549.548	1069-02-09 01:08:30	0.720495172	1.321204828	0.664712518º	1.202612656º	224.5254916	62.76169923	0.991127794	Grazing
1000	827	2111697.674	1069-07-07 04:10:56	0.741281481	1.300418519	0.716452355º	1.241374549º	231.3078966	59.84982975	1.015631999	Penumbral
1000	828	2111697.674									
1000	829	2111697.674									

1000	830	2111697.674									
1000	831	2111697.674									
1000	832	2111727.082	1069-08-05 13:58:30	0.747365736	1.294334264	0.74270734º	1.270321312º	230.3691659	58.20556507	1.010450455	Grazing
1000	833	2111874.221	1069-12-30 17:17:43	0.741352428	1.300347572	0.739812449º	1.281748659º	224.0759277	57.96308996	0.983746368	Umbral
1000	834	2111874.221									
1000	835	2111874.221									
1000	836	2111874.221									
1000	837	2111874.221									
1000	838	2112051.926	1070-06-26 10:12:49	0.727782283	1.313917717	0.670421346º	1.194829405º	230.7775076	62.82751856	1.016627736	Total
1000	839	2112051.926									
1000	840	2112051.926									
1000	841	2112051.926									
1000	842	2112051.926									
1000	843	2112051.926									
1000	844	2112228.817	1070-12-20 07:36:56	0.750478502	1.291221498	0.774977218º	1.317330477º	224.3981216	55.99885676	0.982989903	Total
1000	845	2112228.817									
1000	846	2112228.817									
1000	847	2112228.817									
1000	848	2112228.817									
1000	849	2112405.962	1071-06-15 11:04:38	0.724334125	1.317365875	0.659268864º	1.183445937º	230.6852535	63.59774726	1.017075728	Umbral
1000	850	2112405.962									
1000	851	2112405.962									
1000	852	2112405.962									
1000	853	2112405.962									
1000	854	2112405.962									
1000	855	2112583.464	1071-12-09 23:08:39	0.747370779	1.294329221	0.762964415º	1.305386025º	224.2115419	56.64898401	0.982866036	Umbral
1000	856	2112583.464									
1000	857	2112583.464									
1000	858	2112583.464									
1000	859	2112583.464									
1000	860	2112583.464									
1000	861	2112730.601	1072-05-05 02:25:45	0.740530688	1.301169312	0.715503707º	1.241494698º	230.7376604	59.87552631	1.013568268	Penumbral
1000	862	2112730.601									
1000	863	2112730.601									
1000	864	2112730.601									
1000	865	2112730.601									
1000	866	2112760.076	1072-06-03 13:49:50	0.733884056	1.307815944	0.690140923º	1.214415588º	231.1839692	61.52770444	1.0168864	Penumbral
1000	867	2112908.347	1072-10-29 20:20:14	0.726506501	1.315193499	0.686051933º	1.225880762º	224.0945173	61.29432026	0.987586711	Penumbral
1000	868	2112908.347									
1000	869	2112908.347									
1000	870	2112908.347									
1000	871	2112908.347									
1000	872	2112937.968	1072-11-28 11:13:45	0.733857553	1.307842447	0.713512467º	1.255649314º	223.5761668	59.50927431	0.983382298	Penumbral
1000	873	2113085.135	1073-04-24 15:14:48	0.753469127	1.288230873	0.765336855º	1.292438768º	230.9255493	56.93689434	1.011432067	Umbral

1000	874	2113085.135									
1000	875	2113085.135									
1000	876	2113085.135									
1000	877	2113262.423	1073-10-18 22:09:39	0.716349159	1.325350841	0.652743148º	1.19120011º	224.057646	63.55977527	0.99010286	Umbral
1000	878	2113262.423									
1000	879	2113262.423									
1000	880	2113262.423									
1000	881	2113262.423									
1000	882	2113262.423									
1000	883	2113439.83	1074-04-14 07:54:47	0.757133986	1.284566014	0.781902785º	1.310313705º	230.5432847	55.99788945	1.008926494	Total
1000	884	2113439.83									
1000	885	2113439.83									
1000	886	2113439.83									
1000	887	2113439.83									
1000	888	2113439.83									
1000	889	2113616.405	1074-10-07 21:43:33	0.720043744	1.321656256	0.662416258º	1.199292193º	224.8404762	62.95121726	0.993018578	Total
1000	890	2113616.405									
1000	891	2113616.405									
1000	892	2113616.405									
1000	893	2113616.405									
1000	894	2113616.405									
1000	895	2113794.492	1075-04-03 23:47:59	0.748857533	1.292842467	0.751454894º	1.281311822º	229.4840527	57.63968759	1.006173081	Umbral
1000	896	2113794.492									
1000	897	2113794.492									
1000	898	2113794.492									
1000	899	2113794.492									
1000	900	2113941.121	1075-08-28 14:53:43	0.745313569	1.296386431	0.739468751º	1.270114492º	228.9089394	58.30639261	1.00467739	Grazing
1000	901	2113941.121									
1000	902	2113941.121									
1000	903	2113941.121									
1000	904	2113941.121									
1000	905	2113970.601	1075-09-27 02:25:46	0.735008372	1.306691628	0.708997084º	1.244212241º	226.3785561	59.99454812	0.996099926	Umbral
1000	906	2114119.325	1076-02-22 19:47:38	0.723114236	1.318585764	0.670965881º	1.206994636º	225.3600876	62.40479405	0.994588018	Penumbral
1000	907	2114119.325									
1000	908	2114119.325									
1000	909	2114119.325									
1000	910	2114119.325									
1000	911	2114148.935	1076-03-23 10:26:01	0.732967182	1.308732818	0.697186243º	1.228621789º	227.8489787	60.849178	1.003184266	Grazing
1000	912	2114295.745	1076-08-17 05:53:01	0.756036938	1.285663062	0.778617294º	1.307751337º	230.1522118	56.15537035	1.007547679	Penumbral
1000	913	2114295.745									
1000	914	2114295.745									
1000	915	2114295.745									
1000	916	2114295.745									
1000	917	2114325.103	1076-09-15 14:28:12	0.750021215	1.291678785	0.761221802º	1.294762276º	227.946028	56.98825203	0.999226494	Penumbral

1000	918	2114473.335	1077-02-10 20:02:55	0.716092971	1.325607029	0.651120326º	1.188785385º	224.3471853	63.69936398	0.991561138	Umbral
1000	919	2114473.335									
1000	920	2114473.335									
1000	921	2114473.335									
1000	922	2114473.335									
1000	923	2114650.448	1077-08-06 22:45:33	0.755158479	1.286541521	0.773015708º	1.300796383º	230.7170657	56.49580101	1.010131297	Total
1000	924	2114650.448									
1000	925	2114650.448									
1000	926	2114650.448									
1000	927	2114650.448									
1000	928	2114827.363	1078-01-30 20:42:12	0.723434986	1.318265014	0.675433222º	1.214579146º	224.18225	62.00680096	0.988837631	Total
1000	929	2114827.363									
1000	930	2114827.363									
1000	931	2114827.363									
1000	932	2114827.363									
1000	933	2114827.363									
1000	934	2115005.035	1078-07-27 12:50:14	0.743783909	1.297916091	0.727892263º	1.254470459º	230.6705215	59.10779144	1.012438003	Total
1000	935	2115005.035									
1000	936	2115005.035									
1000	937	2115005.035									
1000	938	2115005.035									
1000	939	2115005.035									
1000	940	2115181.662	1079-01-20 03:52:45	0.738557412	1.303142588	0.72772526º	1.268112758º	224.5434275	58.711505	0.986565714	Umbral
1000	941	2115181.662									
1000	942	2115181.662									
1000	943	2115181.662									
1000	944	2115181.662									
1000	945	2115181.662									
1000	946	2115329.765	1079-06-17 06:21:40	0.725510245	1.316189755	0.66291529º	1.187115191º	230.7550899	63.34563497	1.017031435	Grazing
1000	947	2115329.765									
1000	948	2115329.765									
1000	949	2115329.765									
1000	950	2115329.765									
1000	951	2115359.347	1079-07-16 20:20:22	0.729589165	1.312110835	0.677843473º	1.203398113º	230.3408047	62.29250575	1.014409802	Penumbral
1000	952	2115506.782	1079-12-11 06:45:30	0.75089347	1.29080653	0.77676504º	1.319171348º	224.3818463	55.90169973	0.982893765	Penumbral
1000	953	2115506.782									
1000	954	2115506.782									
1000	955	2115506.782									
1000	956	2115536.224	1080-01-09 17:22:18	0.749731179	1.291968821	0.770757554º	1.31209296º	224.7454643	56.25344676	0.984838184	Penumbral
1000	957	2115683.791	1080-06-05 06:58:50	0.725846109	1.315853891	0.664088989º	1.188337458º	230.7381999	63.26351227	1.016937214	Umbral
1000	958	2115683.791									
1000	959	2115683.791									
1000	960	2115683.791									
1000	961	2115683.791									

1000	962	2115713.407	1080-07-04 21:45:41	0.7235318	1.3181682	0.657572811º	1.182370572º	230.3639259	63.69397998	1.015872814	Grazing
1000	963	2115861.408	1080-11-29 21:47:20	0.744335965	1.297364035	0.751119814º	1.29331127º	224.1486609	57.31324496	0.983283252	Umbral
1000	964	2115861.408									
1000	965	2115861.408									
1000	966	2115861.408									
1000	967	2115861.408									
1000	968	2116037.975	1081-05-25 11:23:42	0.737888587	1.303811413	0.704216726º	1.228829891º	231.2479317	60.61880883	1.016230269	Total
1000	969	2116037.975									
1000	970	2116037.975									
1000	971	2116037.975									
1000	972	2116037.975									
1000	973	2116037.975									
1000	974	2116215.84	1081-11-19 08:09:22	0.729355039	1.312344961	0.69761474º	1.239263209º	223.5306864	60.50348167	0.984268964	Total
1000	975	2116215.84									
1000	976	2116215.84									
1000	977	2116215.84									
1000	978	2116215.84									
1000	979	2116215.84									
1000	980	2116392.457	1082-05-14 22:58:42	0.75199712	1.28970288	0.756638909º	1.281895006º	231.7252085	57.47506152	1.014986367	Umbral
1000	981	2116392.457									
1000	982	2116392.457									
1000	983	2116392.457									
1000	984	2116392.457									
1000	985	2116540.201	1082-10-09 16:49:08	0.716349021	1.325350979	0.651221486º	1.188356789º	224.5891825	63.71056366	0.992539076	Grazing
1000	986	2116540.201									
1000	987	2116540.201									
1000	988	2116540.201									
1000	989	2116540.201									
1000	990	2116569.97	1082-11-08 11:16:19	0.716621665	1.325078335	0.656142143º	1.196902872º	223.1710236	63.2474986	0.985884789	Umbral
1000	991	2116717.833	1083-04-05 07:58:51	0.755524354	1.286175646	0.777300817º	1.306956614º	229.9034142	56.21250646	1.006555166	Penumbral
1000	992	2116717.833									
1000	993	2116717.833									
1000	994	2116717.833									
1000	995	2116717.833									
1000	996	2116747.14	1083-05-04 15:21:08	0.758308739	1.283391261	0.783246194º	1.30937358º	231.6167418	55.98651501	1.013305506	Penumbral
1000	997	2116894.221	1083-09-28 17:18:16	0.724113822	1.317586178	0.673465526º	1.208920898º	225.6427198	62.25752327	0.995653055	Penumbral
1000	998	2116894.221									
1000	999	2116894.221									
1000	1000	2116894.221									
1000	1001	2116894.221									
1000	1002	2116923.936	1083-10-28 10:27:53	0.716622903	1.325077097	0.65492554º	1.194502116º	223.6084082	63.37115597	0.98804841	Penumbral
1000	1003	2117072.448	1084-03-24 22:44:53	0.744253269	1.297446731	0.736266305º	1.267481909º	228.6260584	58.47673106	1.00359962	Umbral
1000	1004	2117072.448									
1000	1005	2117072.448									

1000	1006	2117072.448									
1000	1007	2117072.448									
1000	1008	2117248.51	1084-09-17 00:13:58	0.740327058	1.301372942	0.725645275º	1.259395034º	227.299601	59.02982725	0.998834695	Umbral
1000	1009	2117248.51									
1000	1010	2117248.51									
1000	1011	2117248.51									
1000	1012	2117248.51									
1000	1013	2117426.802	1085-03-14 07:14:30	0.727895571	1.313804429	0.682380559º	1.215292952º	226.9279218	61.75398648	1.000404166	Total
1000	1014	2117426.802									
1000	1015	2117426.802									
1000	1016	2117426.802									
1000	1017	2117426.802									
1000	1018	2117426.802									
1000	1019	2117603.081	1085-09-06 13:57:01	0.7532764	1.2884236	0.771888979º	1.303971789º	228.7349798	56.44099128	1.00196392	Total
1000	1020	2117603.081									
1000	1021	2117603.081									
1000	1022	2117603.081									
1000	1023	2117603.081									
1000	1024	2117603.081									
1000	1025	2117780.864	1086-03-03 08:43:52	0.717915815	1.323784185	0.653123823º	1.187795091º	225.6689014	63.6632669	0.997113198	Umbral
1000	1026	2117780.864									
1000	1027	2117780.864									
1000	1028	2117780.864									
1000	1029	2117780.864									
1000	1030	2117780.864									
1000	1031	2117928.442	1086-07-28 22:36:59	0.753138221	1.288561779	0.763363487º	1.290059864º	231.105606	57.05774117	1.012210831	Grazing
1000	1032	2117928.442									
1000	1033	2117928.442									
1000	1034	2117928.442									
1000	1035	2117928.442									
1000	1036	2117957.775	1086-08-27 06:35:18	0.75525517	1.28644483	0.777584704º	1.308058431º	229.4984318	56.17527751	1.00500317	Umbral
1000	1037	2118105.198	1087-01-21 16:45:07	0.727154167	1.314545833	0.688710302º	1.228948333º	223.9543674	61.11096561	0.986838666	Penumbral
1000	1038	2118105.198									
1000	1039	2118105.198									
1000	1040	2118105.198									
1000	1041	2118134.867	1087-02-20 08:49:09	0.721938349	1.319761651	0.66738106º	1.203769089º	225.2264894	62.63261297	0.993921843	Grazing
1000	1042	2118282.967	1087-07-18 11:13:00	0.739894282	1.301805718	0.712701832º	1.238374033º	230.8732845	60.05762164	1.014182939	Penumbral
1000	1043	2118282.967									
1000	1044	2118282.967									
1000	1045	2118282.967									
1000	1046	2118282.967									
1000	1047	2118312.394	1087-08-16 21:27:41	0.745815518	1.295884482	0.738944743º	1.267900318º	229.6729293	58.38568184	1.007887624	Penumbral
1000	1048	2118459.58	1088-01-11 01:55:53	0.742396622	1.299303378	0.742756365º	1.283997462º	224.4055688	57.81405352	0.985009788	Umbral
1000	1049	2118459.58									

1000	1050	2118459.58									
1000	1051	2118459.58									
1000	1052	2118459.58									
1000	1053	2118637.198	1088-07-06 16:44:41	0.726878957	1.314821043	0.668218439º	1.193123956º	230.4990864	62.95992368	1.015664267	Total
1000	1054	2118637.198									
1000	1055	2118637.198									
1000	1056	2118637.198									
1000	1057	2118637.198									
1000	1058	2118637.198									
1000	1059	2118814.186	1088-12-30 16:28:30	0.750808446	1.290891554	0.775782979º	1.317713431º	224.5669065	55.96688447	0.98375682	Total
1000	1060	2118814.186									
1000	1061	2118814.186									
1000	1062	2118814.186									
1000	1063	2118814.186									
1000	1064	2118814.186									
1000	1065	2118991.228	1089-06-25 17:27:48	0.724460333	1.317239667	0.659932449º	1.18433735º	230.5960567	63.54406153	1.016633859	Total
1000	1066	2118991.228									
1000	1067	2118991.228									
1000	1068	2118991.228									
1000	1069	2118991.228									
1000	1070	2119168.832	1089-12-20 07:57:41	0.746913992	1.294786008	0.761135497º	1.303449045º	224.2160455	56.75252484	0.983061884	Umbral
1000	1071	2119168.832									
1000	1072	2119168.832									
1000	1073	2119168.832									
1000	1074	2119168.832									
1000	1075	2119168.832									
1000	1076	2119315.896	1090-05-16 09:30:14	0.741956307	1.299743693	0.719295727º	1.244466273º	231.2103438	59.66858857	1.01515171	Penumbral
1000	1077	2119315.896									
1000	1078	2119315.896									
1000	1079	2119315.896									
1000	1080	2119315.896									
1000	1081	2119345.357	1090-06-14 20:33:45	0.734840392	1.306859608	0.693196718º	1.217400011º	231.2822312	61.33269669	1.017024853	Penumbral
1000	1082	2119493.687	1090-11-10 04:28:53	0.725155199	1.316544801	0.682951294º	1.223839995º	223.5968022	61.46031829	0.985651534	Penumbral
1000	1083	2119493.687									
1000	1084	2119493.687									
1000	1085	2119493.687									
1000	1086	2119493.687									
1000	1087	2119523.323	1090-12-09 19:44:58	0.732888212	1.308811788	0.710519797º	1.252902196º	223.4180421	59.68373278	0.982937092	Penumbral
1000	1088	2119670.449	1091-05-05 22:46:02	0.754600807	1.287099193	0.768120995º	1.294142416º	231.4832404	56.81244204	1.013509635	Umbral
1000	1089	2119670.449									
1000	1090	2119670.449									
1000	1091	2119670.449									
1000	1092	2119670.449									
1000	1093	2119847.746	1091-10-30 05:54:01	0.715410982	1.326289018	0.651391233º	1.191168318º	223.4886793	63.60804754	0.987681381	Umbral

1000	1094	2119847.746									
1000	1095	2119847.746									
1000	1096	2119847.746									
1000	1097	2119847.746									
1000	1098	2120025.151	1092-04-24 15:37:51	0.757625466	1.284074534	0.781908674º	1.308995283º	231.1547839	56.03279412	1.011461434	Total
1000	1099	2120025.151									
1000	1100	2120025.151									
1000	1101	2120025.151									
1000	1102	2120025.151									
1000	1103	2120025.151									
1000	1104	2120201.727	1092-10-18 05:26:18	0.719797227	1.321902773	0.663374186º	1.201769841º	224.2294249	62.83543467	0.990215602	Total
1000	1105	2120201.727									
1000	1106	2120201.727									
1000	1107	2120201.727									
1000	1108	2120201.727									
1000	1109	2120201.727									
1000	1110	2120379.81	1093-04-14 07:26:51	0.748826899	1.292873101	0.749200665º	1.27758022º	230.1339047	57.80992342	1.008986386	Umbral
1000	1111	2120379.81									
1000	1112	2120379.81									
1000	1113	2120379.81									
1000	1114	2120379.81									
1000	1115	2120379.81									
1000	1116	2120526.445	1093-09-07 22:40:51	0.745318023	1.296381977	0.741778733º	1.274067956º	228.201589	58.12524361	1.001575375	Grazing
1000	1117	2120526.445									
1000	1118	2120526.445									
1000	1119	2120526.445									
1000	1120	2120526.445									
1000	1121	2120704.639	1094-03-05 03:20:45	0.723336829	1.318363171	0.669657239º	1.204042664º	226.0538363	62.54655393	0.997646554	Penumbral
1000	1122	2120704.639									
1000	1123	2120704.639									
1000	1124	2120704.639									
1000	1125	2120704.639									
1000	1126	2120734.242	1094-04-03 17:47:53	0.732928864	1.308771136	0.694923364º	1.224785062º	228.540341	61.04253221	1.006164023	Penumbral
1000	1127	2120881.073	1094-08-28 13:45:44	0.755561419	1.286138581	0.77902441º	1.309680348º	229.4484874	56.09279797	1.004658083	Penumbral
1000	1128	2120881.073									
1000	1129	2120881.073									
1000	1130	2120881.073									
1000	1131	2120881.073									
1000	1132	2120910.443	1094-09-26 22:37:59	0.749808719	1.291891281	0.762750033º	1.297951163º	227.231462	56.85792472	0.996126031	Penumbral
1000	1133	2121058.649	1095-02-22 03:33:53	0.71703769	1.32466231	0.652151317º	1.188282995º	225.0296349	63.6805356	0.994397085	Umbral
1000	1134	2121058.649									
1000	1135	2121058.649									
1000	1136	2121058.649									
1000	1137	2121058.649									

1000	1138	2121235.769	1095-08-18 06:28:04	0.754010312	1.287689688	0.770566194º	1.299701948º	230.0356779	56.59306664	1.007544423	Umbral
1000	1139	2121235.769									
1000	1140	2121235.769									
1000	1141	2121235.769									
1000	1142	2121235.769									
1000	1143	2121235.769									
1000	1144	2121412.692	1096-02-11 04:35:58	0.724923057	1.316776943	0.678503109º	1.216272745º	224.8252814	61.85011173	0.991368315	Total
1000	1145	2121412.692									
1000	1146	2121412.692									
1000	1147	2121412.692									
1000	1148	2121412.692									
1000	1149	2121590.338	1096-08-06 20:07:10	0.742214234	1.299485766	0.723987582º	1.251752619º	230.0377142	59.30670617	1.010161227	Total
1000	1150	2121590.338									
1000	1151	2121590.338									
1000	1152	2121590.338									
1000	1153	2121590.338									
1000	1154	2121590.338									
1000	1155	2121767.012	1097-01-30 12:17:02	0.739935649	1.301764351	0.73115891º	1.270346563º	225.0912973	58.54454202	0.988761102	Umbral
1000	1156	2121767.012									
1000	1157	2121767.012									
1000	1158	2121767.012									
1000	1159	2121767.012									
1000	1160	2121767.012									
1000	1161	2121915.033	1097-06-27 12:46:50	0.724970096	1.316729904	0.661546184º	1.185996251º	230.6131746	63.43123421	1.016546304	Grazing
1000	1162	2121915.033									
1000	1163	2121915.033									
1000	1164	2121915.033									
1000	1165	2121915.033									
1000	1166	2121944.628	1097-07-27 03:04:18	0.728277452	1.313422548	0.674943428º	1.201477245º	229.8205003	62.45324274	1.012523337	Total Penumbral
1000	1167	2122092.152	1097-12-21 15:38:31	0.750905489	1.290794511	0.776673073º	1.318951949º	224.4259705	55.90999323	0.983124738	Penumbral
1000	1168	2122092.152									
1000	1169	2122092.152									
1000	1170	2122092.152									
1000	1171	2122092.152									
1000	1172	2122121.588	1098-01-20 02:06:14	0.750466607	1.291233393	0.772404979º	1.312784755º	225.1533649	56.18996137	0.986579811	Penumbral
1000	1173	2122269.059	1098-06-16 13:25:15	0.726364379	1.315335621	0.665650108º	1.189858502º	230.7901279	63.1581506	1.017014958	Penumbral
1000	1174	2122269.059									
1000	1175	2122269.059									
1000	1176	2122269.059									
1000	1177	2122298.675	1098-07-16 04:12:17	0.72314511	1.31855489	0.657364714º	1.182870311º	230.0064353	63.68408431	1.014504471	Grazing
1000	1178	2122446.772	1098-12-11 06:32:20	0.743599424	1.298100576	0.74864983º	1.291043288º	224.0254981	57.44673918	0.98291705	Umbral
1000	1179	2122446.772									
1000	1180	2122446.772									
1000	1181	2122446.772									

1000	1182	2122446.772									
1000	1183	2122623.262	1099-06-05 18:16:42	0.73904682	1.30265318	0.70770358º	1.231981335º	231.4769345	60.41075937	1.016880408	Total
1000	1184	2122623.262									
1000	1185	2122623.262									
1000	1186	2122623.262									
1000	1187	2122623.262									
1000	1188	2122623.262									
1000	1189	2122801.189	1099-11-30 16:32:02	0.72824535	1.31345465	0.694592996º	1.236776726º	223.2551163	60.67661734	0.983297262	Total
1000	1190	2122801.189									
1000	1191	2122801.189									
1000	1192	2122801.189									
1000	1193	2122801.189									
1000	1194	2122801.189									
1000	1195	2122977.763	1100-05-25 06:19:02	0.753042918	1.288657082	0.7597151º	1.284344159º	232.0752226	57.31918897	1.016199482	Umbral
1000	1196	2122977.763									
1000	1197	2122977.763									
1000	1198	2122977.763									
1000	1199	2122977.763									
1000	1200	2122977.763									
1000	1201	2123155.302	1100-11-18 19:14:35	0.715767545	1.325932455	0.654505575º	1.196112903º	222.7939015	63.33090893	0.98434373	Umbral
1000	1202	2123155.302									
1000	1203	2123155.302									
1000	1204	2123155.302									
1000	1205	2123155.302									
1000	1206	2123303.157	1101-04-15 15:46:20	0.755881697	1.285818303	0.776534916º	1.304751539º	230.5679472	56.2925704	1.009297615	Penumbral
1000	1207	2123303.157									
1000	1208	2123303.157									
1000	1209	2123303.157									
1000	1210	2123303.157									
1000	1211	2123332.455	1101-05-14 22:54:50	0.758776424	1.282923576	0.783748209º	1.309008701º	232.0496597	55.98262609	1.014977875	Penumbral
1000	1212	2123479.541	1101-10-09 00:59:43	0.723983258	1.317716742	0.674978484º	1.212027502º	224.9841048	62.10520852	0.992698544	Penumbral
1000	1213	2123479.541									
1000	1214	2123479.541									
1000	1215	2123479.541									
1000	1216	2123479.541									
1000	1217	2123509.264	1101-11-07 18:20:35	0.716409669	1.325290331	0.655533853º	1.19621513º	223.1606243	63.29185505	0.986029664	Penumbral
1000	1218	2123657.767	1102-04-05 06:24:35	0.744190637	1.297509363	0.733806564º	1.263464342º	229.3116112	58.66640012	1.006551401	Umbral
1000	1219	2123657.767									
1000	1220	2123657.767									
1000	1221	2123657.767									
1000	1222	2123657.767									
1000	1223	2123833.842	1102-09-28 08:11:55	0.740362851	1.301337149	0.727984509º	1.263396094º	226.6070133	58.84189041	0.995734483	Umbral
1000	1224	2123833.842									
1000	1225	2123833.842									

1000	1226	2123833.842									
1000	1227	2123833.842									
1000	1228	2123833.842									
1000	1229	2124012.109	1103-03-25 14:36:29	0.728000839	1.313699161	0.680588151º	1.211852152º	227.6433835	61.92468775	1.003508193	Total
1000	1230	2124012.109									
1000	1231	2124012.109									
1000	1232	2124012.109									
1000	1233	2124012.109									
1000	1234	2124188.419	1103-09-17 22:02:49	0.752896072	1.288803928	0.772801244º	1.306557092º	227.9995172	56.34625762	0.998823302	Total
1000	1235	2124188.419									
1000	1236	2124188.419									
1000	1237	2124188.419									
1000	1238	2124188.419									
1000	1239	2124188.419									
1000	1240	2124366.165	1104-03-13 15:58:11	0.71875069	1.32294931	0.653636078º	1.186625068º	226.417995	63.68554802	1.000260395	Umbral
1000	1241	2124366.165									
1000	1242	2124366.165									
1000	1243	2124366.165									
1000	1244	2124366.165									
1000	1245	2124366.165									
1000	1246	2124513.757	1104-08-08 06:10:16	0.751871814	1.289828186	0.760283895º	1.288216492º	230.4813268	57.19548683	1.009840614	Grazing
1000	1247	2124513.757									
1000	1248	2124513.757									
1000	1249	2124513.757									
1000	1250	2124513.757									
1000	1251	2124543.107	1104-09-06 14:33:25	0.754182729	1.287517271	0.775659839º	1.307772731º	228.7419091	56.23541792	1.001907275	Umbral
1000	1252	2124690.536	1105-02-01 00:51:59	0.728613111	1.313086889	0.692040251º	1.231033749º	224.521204	60.93808962	0.989117271	Penumbral
1000	1253	2124690.536									
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1000	1255	2124690.536									
1000	1256	2124690.536									
1000	1257	2124720.182	1105-03-02 16:22:16	0.723479302	1.318220698	0.670259928º	1.204997557º	225.9823265	62.49457937	0.996989457	Penumbral
1000	1258	2124868.262	1105-07-28 18:17:38	0.738381383	1.303318617	0.708873115º	1.235566169º	230.3248006	60.26338241	1.012217217	Penumbral
1000	1259	2124868.262									
1000	1260	2124868.262									
1000	1261	2124868.262									
1000	1262	2124897.71	1105-08-27 05:02:30	0.744184572	1.297515428	0.735082139º	1.26557135º	228.9183631	58.56720259	1.004973836	Penumbral
1000	1263	2125044.938	1106-01-21 10:30:30	0.743553716	1.298146284	0.745790868º	1.28604809º	224.851455	57.66876726	0.986803612	Umbral
1000	1264	2125044.938									
1000	1265	2125044.938									
1000	1266	2125044.938									
1000	1267	2125044.938									
1000	1268	2125222.471	1106-07-17 23:18:33	0.725865251	1.315834749	0.66605387º	1.191694602º	230.0930581	63.08225647	1.014243657	Umbral
1000	1269	2125222.471									

1000	1270	2125222.471									
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1000	1272	2125222.471									
1000	1273	2125222.471									
1000	1274	2125399.554	1107-01-11 01:17:30	0.751239138	1.290460862	0.776557277º	1.317805549º	224.8617303	55.9435125	0.984996729	Total
1000	1275	2125399.554									
1000	1276	2125399.554									
1000	1277	2125399.554									
1000	1278	2125399.554									
1000	1279	2125399.554									
1000	1280	2125576.495	1107-07-06 23:53:28	0.724471415	1.317228585	0.660651944º	1.185504821º	230.369505	63.47909036	1.015766135	Total
1000	1281	2125576.495									
1000	1282	2125576.495									
1000	1283	2125576.495									
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1000	1285	2125576.495									
1000	1286	2125754.198	1107-12-31 16:45:09	0.746571908	1.295128092	0.759307383º	1.301251878º	224.3515595	56.86355264	0.983731328	Umbral
1000	1287	2125754.198									
1000	1288	2125754.198									
1000	1289	2125754.198									
1000	1290	2125754.198									
1000	1291	2125901.19	1108-05-26 16:33:04	0.743240982	1.298459018	0.723018276º	1.247576405º	231.5587379	59.46104437	1.016336892	Grazing
1000	1292	2125901.19									
1000	1293	2125901.19									
1000	1294	2125901.19									
1000	1295	2125901.19									
1000	1296	2125930.639	1108-06-25 03:19:53	0.73565177	1.30604823	0.696218862º	1.220586332º	231.2388989	61.13361068	1.016706428	Penumbral
1000	1297	2126079.029	1108-11-20 12:41:29	0.723962029	1.317737971	0.680061839º	1.221763407º	223.2141223	61.62144793	0.984172483	Penumbral
1000	1298	2126079.029									
1000	1299	2126079.029									
1000	1300	2126079.029									
1000	1301	2126079.029									
1000	1302	2126108.678	1108-12-20 04:15:44	0.732072982	1.309627018	0.707681114º	1.25000266º	223.392805	59.85908345	0.983047385	Penumbral
1000	1303	2126255.76	1109-05-16 06:13:44	0.755582384	1.286117616	0.770678402º	1.295857595º	231.930275	56.69450894	1.015134996	Umbral
1000	1304	2126255.76									
1000	1305	2126255.76									
1000	1306	2126255.76									
1000	1307	2126255.76									
1000	1308	2126285.081	1109-06-14 13:56:46	0.750603031	1.291096969	0.749551025º	1.273754668º	232.1674935	57.90835054	1.017024176	Grazing
1000	1309	2126433.073	1109-11-09 13:44:42	0.714642946	1.327057054	0.650309563º	1.191141096º	223.0229433	63.64678441	0.985755721	Umbral
1000	1310	2126433.073									
1000	1311	2126433.073									
1000	1312	2126433.073									
1000	1313	2126433.073									

1000	1314	2126610.469	1110-05-05 23:15:13	0.757976377	1.283723623	0.781605963º	1.307642684º	231.6727164	56.07702886	1.013480156	Total
1000	1315	2126610.469									
1000	1316	2126610.469									
1000	1317	2126610.469									
1000	1318	2126610.469									
1000	1319	2126787.054	1110-10-29 13:17:42	0.719680872	1.322019128	0.664529917º	1.204217991º	223.7043416	62.71434414	0.987844281	Total
1000	1320	2126787.054									
1000	1321	2126787.054									
1000	1322	2126787.054									
1000	1323	2126787.054									
1000	1324	2126787.054									
1000	1325	2126965.123	1111-04-25 14:57:49	0.748687608	1.293012392	0.746743436º	1.273847301º	230.7114296	57.98709721	1.011428323	Umbral
1000	1326	2126965.123									
1000	1327	2126965.123									
1000	1328	2126965.123									
1000	1329	2126965.123									
1000	1330	2126965.123									
1000	1331	2127111.776	1111-09-19 06:37:20	0.745284111	1.296415889	0.743984665º	1.277925103º	227.4869618	57.95097444	0.998477996	Grazing
1000	1332	2127111.776									
1000	1333	2127111.776									
1000	1334	2127111.776									
1000	1335	2127111.776									
1000	1336	2127141.272	1111-10-18 18:31:51	0.73521741	1.30648259	0.713629001º	1.251949795º	225.1310773	59.61695618	0.990353307	Umbral
1000	1337	2127289.947	1112-03-15 10:43:42	0.72361327	1.31808673	0.668438288º	1.201157459º	226.7761579	62.68369302	1.000767022	Penumbral
1000	1338	2127289.947									
1000	1339	2127289.947									
1000	1340	2127289.947									
1000	1341	2127289.947									
1000	1342	2127466.407	1112-09-07 21:46:11	0.755006325	1.286693675	0.779200722º	1.311496354º	228.7115842	56.03962825	1.001563315	Penumbral
1000	1343	2127466.407									
1000	1344	2127466.407									
1000	1345	2127466.407									
1000	1346	2127466.407									
1000	1347	2127495.789	1112-10-07 06:56:23	0.749595709	1.292104291	0.764148857º	1.300968194º	226.5531051	56.73647604	0.993123275	Penumbral
1000	1348	2127643.956	1113-03-04 10:56:11	0.718088456	1.323611544	0.653392547º	1.187865392º	225.7651811	63.65145181	0.997483376	Umbral
1000	1349	2127643.956									
1000	1350	2127643.956									
1000	1351	2127643.956									
1000	1352	2127643.956									
1000	1353	2127821.095	1113-08-28 14:16:43	0.752766562	1.288933438	0.767905278º	1.29859961º	229.2979054	56.69674854	1.0045854	Umbral
1000	1354	2127821.095									
1000	1355	2127821.095									
1000	1356	2127821.095									
1000	1357	2127821.095									

1000	1358	2127821.095									
1000	1359	2127998.016	1114-02-21 12:23:01	0.726521943	1.315178057	0.681781922º	1.217993322º	225.5412735	61.68647847	0.994249242	Total
1000	1360	2127998.016									
1000	1361	2127998.016									
1000	1362	2127998.016									
1000	1363	2127998.016									
1000	1364	2127998.016									
1000	1365	2128175.645	1114-08-18 03:28:51	0.740550988	1.301149012	0.720020453º	1.249168204º	229.3269311	59.50486866	1.00752158	Total
1000	1366	2128175.645									
1000	1367	2128175.645									
1000	1368	2128175.645									
1000	1369	2128175.645									
1000	1370	2128352.358	1115-02-10 20:35:41	0.741404547	1.300295453	0.734684625º	1.272477065º	225.7288395	58.37880175	0.991326278	Umbral
1000	1371	2128352.358									
1000	1372	2128352.358									
1000	1373	2128352.358									
1000	1374	2128352.358									
1000	1375	2128352.358									
1000	1376	2128500.301	1115-07-08 19:13:13	0.724315566	1.317384434	0.660214972º	1.185176666º	230.3351204	63.5055103	1.01555558	Grazing
1000	1377	2128500.301									
1000	1378	2128500.301									
1000	1379	2128500.301									
1000	1380	2128500.301									
1000	1381	2128529.911	1115-08-07 09:52:28	0.726882343	1.314817657	0.672087326º	1.199808477º	229.2021067	62.60494792	1.010245233	Umbral
1000	1382	2128677.521	1116-01-02 00:30:10	0.751022868	1.290677132	0.776560107º	1.318417885º	224.6008776	55.92719712	0.98388876	Penumbral
1000	1383	2128677.521									
1000	1384	2128677.521									
1000	1385	2128677.521									
1000	1386	2128677.521									
1000	1387	2128706.948	1116-01-31 10:45:11	0.751282186	1.290417814	0.774036324º	1.313212369º	225.6670647	56.13411138	0.988782389	Penumbral
1000	1388	2128854.329	1116-06-26 19:53:21	0.726759118	1.314940882	0.6672391º	1.191659845º	230.7011081	63.04273851	1.016603143	Penumbral
1000	1389	2128854.329									
1000	1390	2128854.329									
1000	1391	2128854.329									
1000	1392	2128854.329									
1000	1393	2128883.947	1116-07-26 10:43:39	0.722667316	1.319032684	0.657198633º	1.183666646º	229.5324635	63.66253032	1.012649894	Grazing
1000	1394	2129032.137	1116-12-21 15:17:01	0.742987743	1.298712257	0.746239424º	1.28853243º	224.034164	57.58597772	0.98309912	Umbral
1000	1395	2129032.137									
1000	1396	2129032.137									
1000	1397	2129032.137									
1000	1398	2129208.549	1117-06-16 01:10:41	0.740052854	1.301647146	0.711110679º	1.235318557º	231.5654368	60.20092132	1.017015959	Total
1000	1399	2129208.549									
1000	1400	2129208.549									
1000	1401	2129208.549									

1000	1402	2129208.549									
1000	1403	2129208.549									
1000	1404	2129386.539	1117-12-11 00:55:42	0.727301432	1.314398568	0.691773629º	1.234176931º	223.1102948	60.84783464	0.982899212	Total
1000	1405	2129386.539									
1000	1406	2129386.539									
1000	1407	2129386.539									
1000	1408	2129386.539									
1000	1409	2129386.539									
1000	1410	2129563.068	1118-06-05 13:38:22	0.753916783	1.287783217	0.7625632º	1.286844419º	232.28965	57.16917858	1.01687369	Total
1000	1411	2129563.068									
1000	1412	2129563.068									
1000	1413	2129563.068									
1000	1414	2129563.068									
1000	1415	2129563.068									
1000	1416	2129740.636	1118-11-30 03:16:11	0.715110342	1.326589658	0.653134038º	1.19530857º	222.5429694	63.40582988	0.983313944	Umbral
1000	1417	2129740.636									
1000	1418	2129740.636									
1000	1419	2129740.636									
1000	1420	2129740.636									
1000	1421	2129740.636									
1000	1422	2129888.477	1119-04-26 23:26:59	0.756117912	1.285582088	0.775521181º	1.30246467º	231.1574458	56.38186618	1.011736152	Penumbral
1000	1423	2129888.477									
1000	1424	2129888.477									
1000	1425	2129888.477									
1000	1426	2129917.767	1119-05-26 06:25:10	0.759072585	1.282627415	0.783968272º	1.308582408º	232.3571929	55.98799728	1.016228388	Penumbral
1000	1427	2130064.869	1119-10-20 08:50:39	0.723947721	1.317752279	0.67660865º	1.21512581º	224.3929333	61.95002396	0.989992181	Penumbral
1000	1428	2130064.869									
1000	1429	2130064.869									
1000	1430	2130064.869									
1000	1431	2130064.869									
1000	1432	2130094.597	1119-11-19 02:19:26	0.716374775	1.325325225	0.656357831º	1.197920678º	222.8289094	63.20556684	0.984424579	Penumbral
1000	1433	2130243.08	1120-04-15 13:55:27	0.744048835	1.297651165	0.731217996º	1.259435448º	229.9468666	58.8614891	1.00929603	Umbral
1000	1434	2130243.08									
1000	1435	2130243.08									
1000	1436	2130243.08									
1000	1437	2130243.08									
1000	1438	2130272.455	1120-05-14 22:55:24	0.752407613	1.289292387	0.75825957º	1.283499319º	231.7418353	57.38407053	1.015017959	Grazing
1000	1439	2130419.18	1120-10-08 16:19:18	0.740420929	1.301279071	0.730283413º	1.267287713º	225.9551376	58.65953627	0.992781208	Umbral
1000	1440	2130419.18									
1000	1441	2130419.18									
1000	1442	2130419.18									
1000	1443	2130419.18									
1000	1444	2130597.409	1121-04-04 21:48:26	0.728094421	1.313605579	0.678809439º	1.208518474º	228.3385117	62.0923786	1.006454002	Total
1000	1445	2130597.409									

1000	1446	2130597.409									
1000	1447	2130597.409									
1000	1448	2130597.409									
1000	1449	2130597.409									
1000	1450	2130773.762	1121-09-28 06:17:02	0.752487926	1.289212074	0.773557783º	1.308963839º	227.2785996	56.26088555	0.995744765	Total
1000	1451	2130773.762									
1000	1452	2130773.762									
1000	1453	2130773.762									
1000	1454	2130773.762									
1000	1455	2130951.461	1122-03-24 23:03:12	0.719634124	1.322065876	0.65426114º	1.185637689º	227.1744421	63.69761049	1.003295645	Umbral
1000	1456	2130951.461									
1000	1457	2130951.461									
1000	1458	2130951.461									
1000	1459	2130951.461									
1000	1460	2130951.461									
1000	1461	2131099.076	1122-08-19 13:48:46	0.750494309	1.291205691	0.757057053º	1.286371518º	229.7806418	57.33812258	1.007204247	Grazing
1000	1462	2131099.076									
1000	1463	2131099.076									
1000	1464	2131099.076									
1000	1465	2131099.076									
1000	1466	2131128.444	1122-09-17 22:38:53	0.753060506	1.288639494	0.773606717º	1.307350787º	227.9755576	56.30285685	0.998845341	Umbral
1000	1467	2131275.87	1123-02-12 08:53:04	0.730191261	1.311508739	0.695533824º	1.233126855º	225.1770064	60.76073329	0.991693989	Penumbral
1000	1468	2131275.87									
1000	1469	2131275.87									
1000	1470	2131275.87									
1000	1471	2131275.87									
1000	1472	2131305.491	1123-03-13 23:47:42	0.725087763	1.316612237	0.673275329º	1.206376999º	226.7697537	62.34759539	1.000048973	Penumbral
1000	1473	2131453.56	1123-08-09 01:26:07	0.736764476	1.304935524	0.705020107º	1.232925669º	229.6804173	60.46613774	1.00989233	Penumbral
1000	1474	2131453.56									
1000	1475	2131453.56									
1000	1476	2131453.56									
1000	1477	2131453.56									
1000	1478	2131483.03	1123-09-07 12:43:42	0.742501647	1.299198353	0.731195193º	1.263283567º	228.1298338	58.74937606	1.001953443	Penumbral
1000	1479	2131630.292	1124-02-01 19:00:21	0.744807102	1.296892898	0.748898784º	1.28791853º	225.4008358	57.52716649	0.989069105	Umbral
1000	1480	2131630.292									
1000	1481	2131630.292									
1000	1482	2131630.292									
1000	1483	2131807.747	1124-07-28 05:55:59	0.724757732	1.316942268	0.663912034º	1.190569207º	229.5732294	63.19399094	1.01228618	Umbral
1000	1484	2131807.747									
1000	1485	2131807.747									
1000	1486	2131807.747									
1000	1487	2131807.747									
1000	1488	2131807.747									
1000	1489	2131984.918	1125-01-21 10:02:31	0.751759494	1.289940506	0.777335494º	1.317569434º	225.2736073	55.92875549	0.986846139	Total

1000	1490	2131984.918									
1000	1491	2131984.918									
1000	1492	2131984.918									
1000	1493	2131984.918									
1000	1494	2131984.918									
1000	1495	2132161.766	1125-07-17 06:23:15	0.72437551	1.31732449	0.661368863º	1.186995232º	230.0144757	63.40333524	1.014271371	Total
1000	1496	2132161.766									
1000	1497	2132161.766									
1000	1498	2132161.766									
1000	1499	2132161.766									
1000	1500	2132161.766									
1000	1501	2132339.562	1126-01-11 01:29:27	0.74633868	1.29536132	0.757532923º	1.298737981º	224.6131916	56.98222796	0.985075379	Umbral
1000	1502	2132339.562									
1000	1503	2132339.562									
1000	1504	2132339.562									
1000	1505	2132339.562									
1000	1506	2132339.562									
1000	1507	2132486.483	1126-06-06 23:35:37	0.744370817	1.297329183	0.726598426º	1.250865676º	231.771825	59.25392387	1.016900785	Grazing
1000	1508	2132486.483									
1000	1509	2132486.483									
1000	1510	2132486.483									
1000	1511	2132515.923	1126-07-06 10:09:43	0.736318546	1.305381454	0.699148566º	1.224003262º	231.0571142	60.93151832	1.015762615	Umbral
1000	1512	2132664.373	1126-12-01 20:56:36	0.722941686	1.318758314	0.67740889º	1.219616009º	222.9569317	61.77792303	0.983254848	Penumbral
1000	1513	2132664.373									
1000	1514	2132664.373									
1000	1515	2132664.373									
1000	1516	2132664.373									
1000	1517	2132694.031	1126-12-31 12:44:21	0.731411901	1.310288099	0.705007739º	1.246932265º	223.5000454	60.03554425	0.983767577	Penumbral
1000	1518	2132841.069	1127-05-27 13:39:03	0.756397405	1.285302595	0.773001002º	1.297566715º	232.2513574	56.58371778	1.016322198	Umbral
1000	1519	2132841.069									
1000	1520	2132841.069									
1000	1521	2132841.069									
1000	1522	2132841.069									
1000	1523	2132870.383	1127-06-25 21:11:25	0.751314278	1.290385722	0.752547877º	1.276914727º	232.1235312	57.7323151	1.01670763	Grazing
1000	1524	2133018.403	1127-11-20 21:40:30	0.714063783	1.327636217	0.649463994º	1.191143101º	222.6744551	63.67629863	0.984213293	Umbral
1000	1525	2133018.403									
1000	1526	2133018.403									
1000	1527	2133018.403									
1000	1528	2133018.403									
1000	1529	2133195.783	1128-05-16 06:47:53	0.758168408	1.283531592	0.781049435º	1.306202156º	232.0781528	56.13058315	1.015186167	Total
1000	1530	2133195.783									
1000	1531	2133195.783									
1000	1532	2133195.783									
1000	1533	2133195.783									

1000	1534	2133195.783									
1000	1535	2133372.387	1128-11-08 21:16:41	0.719715595	1.321984405	0.665850669º	1.206659856º	223.2824817	62.58834737	0.985796452	Total
1000	1536	2133372.387									
1000	1537	2133372.387									
1000	1538	2133372.387									
1000	1539	2133372.387									
1000	1540	2133550.432	1129-05-05 22:21:43	0.748419192	1.293280808	0.744107473º	1.27011393º	231.1947437	58.17059383	1.013538466	Umbral
1000	1541	2133550.432									
1000	1542	2133550.432									
1000	1543	2133550.432									
1000	1544	2133550.432									
1000	1545	2133550.432									
1000	1546	2133726.617	1129-10-29 02:47:59	0.735432283	1.306267717	0.715989465º	1.255650859º	224.620807	59.43360141	0.987893119	Umbral
1000	1547	2133726.617									
1000	1548	2133726.617									
1000	1549	2133726.617									
1000	1550	2133726.617									
1000	1551	2133726.617									
1000	1552	2133875.248	1130-03-26 17:56:29	0.723915752	1.317784248	0.667288037º	1.19838164º	227.5018351	62.81543568	1.003830161	Penumbral
1000	1553	2133875.248									
1000	1554	2133875.248									
1000	1555	2133875.248									
1000	1556	2133875.248									
1000	1557	2133904.836	1130-04-25 08:03:40	0.732682557	1.309017443	0.69029396º	1.21741646º	229.7665708	61.42657639	1.011392566	Penumbral
1000	1558	2134051.746	1130-09-19 05:54:41	0.754398513	1.287301487	0.77920215º	1.313141866º	227.9672108	55.9958225	0.998479344	Penumbral
1000	1559	2134051.746									
1000	1560	2134051.746									
1000	1561	2134051.746									
1000	1562	2134051.746									
1000	1563	2134229.257	1131-03-15 18:09:39	0.719215807	1.322484193	0.654778533º	1.18761146º	226.5300916	63.61172248	1.000553363	Umbral
1000	1564	2134229.257									
1000	1565	2134229.257									
1000	1566	2134229.257									
1000	1567	2134229.257									
1000	1568	2134406.425	1131-09-08 22:12:10	0.751454543	1.290245457	0.765125212º	1.297417613º	228.528393	56.80630852	1.001569395	Umbral
1000	1569	2134406.425									
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1000	1571	2134406.425									
1000	1572	2134406.425									
1000	1573	2134406.425									
1000	1574	2134583.335	1132-03-03 20:02:53	0.728203193	1.313496807	0.685216752º	1.219797408º	226.3088154	61.51593264	0.99728221	Total
1000	1575	2134583.335									
1000	1576	2134583.335									
1000	1577	2134583.335									

1000	1578	2134583.335									
1000	1579	2134583.335									
1000	1580	2134760.956	1132-08-28 10:56:14	0.738821643	1.302878357	0.716032905º	1.246701591º	228.5612092	59.70142915	1.004633949	Total
1000	1581	2134760.956									
1000	1582	2134760.956									
1000	1583	2134760.956									
1000	1584	2134760.956									
1000	1585	2134760.956									
1000	1586	2134937.7	1133-02-21 04:47:56	0.742939915	1.298760085	0.738275626º	1.274527395º	226.4373679	58.21439044	0.994174394	Umbral
1000	1587	2134937.7									
1000	1588	2134937.7									
1000	1589	2134937.7									
1000	1590	2134937.7									
1000	1591	2135085.571	1133-07-19 01:42:26	0.723558036	1.318141964	0.65891786º	1.184666851º	229.9306013	63.56815853	1.014034809	Grazing
1000	1592	2135085.571									
1000	1593	2135085.571									
1000	1594	2135085.571									
1000	1595	2135085.571									
1000	1596	2135115.199	1133-08-17 16:46:07	0.725428625	1.316271375	0.669293024º	1.198386235º	228.5062728	62.74706247	1.007625436	Umbral
1000	1597	2135262.888	1134-01-12 09:18:56	0.751238852	1.290461148	0.776444131º	1.317549858º	224.9010376	55.95335384	0.98525621	Penumbral
1000	1598	2135262.888									
1000	1599	2135262.888									
1000	1600	2135262.888									
1000	1601	2135262.888									
1000	1602	2135292.304	1134-02-10 19:18:09	0.752158712	1.289541288	0.775619581º	1.313404047º	226.2708622	56.08596775	0.991340977	Penumbral
1000	1603	2135439.601	1134-07-08 02:24:44	0.727032804	1.314667196	0.668821899º	1.193758116º	230.475373	62.91799412	1.015604868	Penumbral
1000	1604	2135439.601									
1000	1605	2135439.601									
1000	1606	2135439.601									
1000	1607	2135439.601									
1000	1608	2135469.223	1134-08-06 17:21:12	0.722116476	1.319583524	0.657092096º	1.184731254º	228.9593333	63.62970102	1.010402222	Grazing
1000	1609	2135617.5	1135-01-01 23:59:44	0.742499719	1.299200281	0.743903445º	1.285759382º	224.173452	57.73115805	0.983892103	Umbral
1000	1610	2135617.5									
1000	1611	2135617.5									
1000	1612	2135617.5									
1000	1613	2135617.5									
1000	1614	2135793.838	1135-06-27 08:07:06	0.740902246	1.300797754	0.714414116º	1.238832528º	231.5118076	59.9903649	1.016607665	Total
1000	1615	2135793.838									
1000	1616	2135793.838									
1000	1617	2135793.838									
1000	1618	2135793.838									
1000	1619	2135971.888	1135-12-22 09:18:41	0.726528176	1.315171824	0.689156316º	1.231455711º	223.0994191	61.01735895	0.983087539	Total
1000	1620	2135971.888									
1000	1621	2135971.888									

1000	1622	2135971.888									
1000	1623	2135971.888									
1000	1624	2135971.888									
1000	1625	2136148.374	1136-06-15 20:57:58	0.754610482	1.287089518	0.765167433º	1.289382992º	232.3616929	57.0257406	1.017001058	Total
1000	1626	2136148.374									
1000	1627	2136148.374									
1000	1628	2136148.374									
1000	1629	2136148.374									
1000	1630	2136148.374									
1000	1631	2136325.972	1136-12-10 11:19:29	0.71465997	1.32704003	0.652063292º	1.194445665º	222.4252812	63.47246632	0.982937139	Umbral
1000	1632	2136325.972									
1000	1633	2136325.972									
1000	1634	2136325.972									
1000	1635	2136325.972									
1000	1636	2136325.972									
1000	1637	2136473.793	1137-05-07 07:01:39	0.756212111	1.285487889	0.774232636º	1.300133016º	231.65026	56.48022279	1.013742903	Penumbral
1000	1638	2136473.793									
1000	1639	2136473.793									
1000	1640	2136473.793									
1000	1641	2136473.793									
1000	1642	2136503.079	1137-06-05 13:53:15	0.759186413	1.282513587	0.783854777º	1.30814445º	232.5281171	56.00270861	1.016857294	Penumbral
1000	1643	2136650.202	1137-10-30 16:50:16	0.72403046	1.31766954	0.678374576º	1.218183985º	223.8891223	61.79243692	0.98762224	Penumbral
1000	1644	2136650.202									
1000	1645	2136650.202									
1000	1646	2136650.202									
1000	1647	2136679.933	1137-11-29 10:22:59	0.71653164	1.32516836	0.657449131º	1.199561735º	222.6238633	63.11249837	0.983426273	Penumbral
1000	1648	2136828.388	1138-04-26 21:18:06	0.74380499	1.29789501	0.728478365º	1.255445214º	230.5079571	59.0612856	1.011691303	Umbral
1000	1649	2136828.388									
1000	1650	2136828.388									
1000	1651	2136828.388									
1000	1652	2136828.388									
1000	1653	2136857.761	1138-05-26 06:15:44	0.751989231	1.289710769	0.755667988º	1.280302416º	232.0096737	57.5474317	1.016189082	Grazing
1000	1654	2137004.525	1138-10-20 00:35:34	0.740526203	1.301173797	0.732560217º	1.271037954º	225.3666031	58.4830598	0.990064659	Umbral
1000	1655	2137004.525									
1000	1656	2137004.525									
1000	1657	2137004.525									
1000	1658	2137004.525									
1000	1659	2137182.702	1139-04-16 04:50:55	0.728150398	1.313549602	0.677047126º	1.205315481º	228.9879731	62.25613777	1.009198777	Total
1000	1660	2137182.702									
1000	1661	2137182.702									
1000	1662	2137182.702									
1000	1663	2137182.702									
1000	1664	2137182.702									
1000	1665	2137359.111	1139-10-09 14:39:29	0.752078594	1.289621406	0.774163529º	1.311183296º	226.5968007	56.18489073	0.992752614	Total

1000	1666	2137359.111									
1000	1667	2137359.111									
1000	1668	2137359.111									
1000	1669	2137359.111									
1000	1670	2137359.111									
1000	1671	2137536.75	1140-04-04 05:59:21	0.720536394	1.321163606	0.655034673º	1.184811005º	227.9126544	63.69894829	1.006326152	Umbral
1000	1672	2137536.75									
1000	1673	2137536.75									
1000	1674	2137536.75									
1000	1675	2137536.75									
1000	1676	2137684.398	1140-08-29 21:33:20	0.749031927	1.292668073	0.753677186º	1.28455801º	229.0269002	57.48495526	1.004232502	Grazing
1000	1677	2137684.398									
1000	1678	2137684.398									
1000	1679	2137684.398									
1000	1680	2137684.398									
1000	1681	2137713.786	1140-09-28 06:51:52	0.751916798	1.289783202	0.771398044º	1.306835421º	227.2244639	56.37724154	0.995686519	Umbral
1000	1682	2137861.2	1141-02-22 16:47:36	0.73186289	1.30983711	0.699202063º	1.235218736º	225.9025984	60.57891075	0.994610438	Penumbral
1000	1683	2137861.2									
1000	1684	2137861.2									
1000	1685	2137861.2									
1000	1686	2137861.2									
1000	1687	2137890.796	1141-03-24 07:05:35	0.726732309	1.314967691	0.676448417º	1.20788591º	227.5642133	62.19179017	1.003180591	Penumbral
1000	1688	2138038.861	1141-08-19 08:39:34	0.735068895	1.306631105	0.701154295º	1.230467168º	228.9611569	60.66499109	1.007207276	Penumbral
1000	1689	2138038.861									
1000	1690	2138038.861									
1000	1691	2138038.861									
1000	1692	2138038.861									
1000	1693	2138068.355	1141-09-17 20:31:47	0.740796834	1.300903166	0.727292367º	1.261050672º	227.3323359	58.93154686	0.998818702	Penumbral
1000	1694	2138215.642	1142-02-12 03:24:26	0.746136184	1.295563816	0.752040246º	1.289646587º	226.037646	57.38928045	0.991669437	Umbral
1000	1695	2138215.642									
1000	1696	2138215.642									
1000	1697	2138215.642									
1000	1698	2138215.642									
1000	1699	2138393.027	1142-08-08 12:38:22	0.723577268	1.318122732	0.661848264º	1.189699319º	228.9573899	63.2947435	1.009996614	Umbral
1000	1700	2138393.027									
1000	1701	2138393.027									
1000	1702	2138393.027									
1000	1703	2138393.027									
1000	1704	2138570.279	1143-02-01 18:42:20	0.752354025	1.289345975	0.778043781º	1.317077859º	225.7898085	55.92266439	0.989042806	Total
1000	1705	2138570.279									
1000	1706	2138570.279									
1000	1707	2138570.279									
1000	1708	2138570.279									
1000	1709	2138570.279									

1000	1710	2138747.041	1143-07-28 12:58:40	0.724185596	1.317514404	0.662150087º	1.188724635º	229.5445488	63.317412	1.012445018	Total
1000	1711	2138747.041									
1000	1712	2138747.041									
1000	1713	2138747.041									
1000	1714	2138747.041									
1000	1715	2138747.041									
1000	1716	2138924.923	1144-01-22 10:09:08	0.746203681	1.295496319	0.755735009º	1.295984005º	224.9920818	57.10869588	0.986818637	Umbral
1000	1717	2138924.923									
1000	1718	2138924.923									
1000	1719	2138924.923									
1000	1720	2138924.923									
1000	1721	2138924.923									
1000	1722	2139071.777	1144-06-17 06:39:15	0.745336963	1.296363037	0.730060644º	1.254274806º	231.8433717	59.04824872	1.017003767	Grazing
1000	1723	2139071.777									
1000	1724	2139071.777									
1000	1725	2139071.777									
1000	1726	2139071.777									
1000	1727	2139101.212	1144-07-16 17:04:40	0.736846284	1.304853716	0.702017854º	1.227586074º	230.7450922	60.72749567	1.014383589	Umbral
1000	1728	2139249.717	1144-12-12 05:12:39	0.722103812	1.319596188	0.674998722º	1.217382026º	222.8319191	61.92997123	0.982935451	Penumbral
1000	1729	2139249.717									
1000	1730	2139249.717									
1000	1731	2139249.717									
1000	1732	2139279.381	1145-01-10 21:09:11	0.73089983	1.31080017	0.702484941º	1.243700826º	223.7353308	60.21328507	0.985055672	Penumbral
1000	1733	2139426.377	1145-06-06 21:03:12	0.757034027	1.284665973	0.775036427º	1.299299283º	232.4355512	56.48063198	1.016909308	Umbral
1000	1734	2139426.377									
1000	1735	2139426.377									
1000	1736	2139426.377									
1000	1737	2139426.377									
1000	1738	2139455.687	1145-07-06 04:29:06	0.751849485	1.289850515	0.755307112º	1.280143578º	231.9385866	57.5622108	1.015797895	Grazing
1000	1739	2139603.736	1145-12-01 05:39:55	0.713687485	1.328012515	0.648921989º	1.191097399º	222.4535832	63.69684733	0.983312353	Umbral
1000	1740	2139603.736									
1000	1741	2139603.736									
1000	1742	2139603.736									
1000	1743	2139603.736									
1000	1744	2139781.095	1146-05-27 14:16:56	0.758187385	1.283512615	0.780165873º	1.304753506º	232.3560476	56.1933701	1.016279729	Total
1000	1745	2139781.095									
1000	1746	2139781.095									
1000	1747	2139781.095									
1000	1748	2139781.095									
1000	1749	2139781.095									
1000	1750	2139957.724	1146-11-20 05:21:58	0.71991836	1.32178164	0.667401222º	1.209023256º	222.9776575	62.45771144	0.984317004	Total
1000	1751	2139957.724									
1000	1752	2139957.724									
1000	1753	2139957.724									

1000	1754	2139957.724									
1000	1755	2139957.724									
1000	1756	2140135.736	1147-05-17 05:39:33	0.748004806	1.293695194	0.74126318º	1.266438182º	231.5651617	58.35971687	1.015143096	Umbral
1000	1757	2140135.736									
1000	1758	2140135.736									
1000	1759	2140135.736									
1000	1760	2140135.736									
1000	1761	2140311.966	1147-11-09 11:11:29	0.735748534	1.305951466	0.718423726º	1.25918475º	224.210301	59.2541095	0.985884253	Umbral
1000	1762	2140311.966									
1000	1763	2140311.966									
1000	1764	2140311.966									
1000	1765	2140311.966									
1000	1766	2140311.966									
1000	1767	2140460.541	1148-04-06 00:59:30	0.724216629	1.317483371	0.666205962º	1.195738505º	228.2051743	62.94094569	1.00678945	Penumbral
1000	1768	2140460.541									
1000	1769	2140460.541									
1000	1770	2140460.541									
1000	1771	2140460.541									
1000	1772	2140490.124	1148-05-05 14:59:14	0.732430208	1.309269792	0.687919007º	1.213952579º	230.2552668	61.61529767	1.013486223	Penumbral
1000	1773	2140637.091	1148-09-29 14:11:18	0.753765279	1.287934721	0.77901708º	1.314630026º	227.2407672	55.96130215	0.995360142	Penumbral
1000	1774	2140637.091									
1000	1775	2140637.091									
1000	1776	2140637.091									
1000	1777	2140637.091									
1000	1778	2140666.498	1148-10-28 23:56:51	0.74926759	1.29243241	0.766689077º	1.306329795º	225.3948592	56.52042486	0.987930968	Penumbral
1000	1779	2140814.552	1149-03-26 01:14:27	0.720389251	1.321310749	0.656327699º	1.187513333º	227.2993698	63.56101431	1.003656243	Umbral
1000	1780	2140814.552									
1000	1781	2140814.552									
1000	1782	2140814.552									
1000	1783	2140814.552									
1000	1784	2140991.76	1149-09-19 06:14:48	0.750102836	1.291597164	0.762217256º	1.296185532º	227.7523061	56.92124475	0.99842594	Umbral
1000	1785	2140991.76									
1000	1786	2140991.76									
1000	1787	2140991.76									
1000	1788	2140991.76									
1000	1789	2141168.65	1150-03-15 03:35:26	0.729936393	1.311763607	0.688788578º	1.221703019º	227.1046042	61.33863905	1.00040032	Total
1000	1790	2141168.65									
1000	1791	2141168.65									
1000	1792	2141168.65									
1000	1793	2141168.65									
1000	1794	2141168.65									
1000	1795	2141346.271	1150-09-08 18:30:06	0.737055801	1.304644199	0.71205395º	1.244346365º	227.7650025	59.89563928	1.001569368	Total
1000	1796	2141346.271									
1000	1797	2141346.271									

1000	1798	2141346.271									
1000	1799	2141346.271									
1000	1800	2141346.271									
1000	1801	2141523.037	1151-03-04 12:53:20	0.744514866	1.297185134	0.741905595º	1.27651585º	227.1956992	58.05153652	0.997226995	Umbral
1000	1802	2141523.037									
1000	1803	2141523.037									
1000	1804	2141523.037									
1000	1805	2141523.037									
1000	1806	2141523.037									
1000	1807	2141670.844	1151-07-30 08:16:02	0.722713627	1.318986373	0.657681181º	1.184442592º	229.4138698	63.61902021	1.012085864	Grazing
1000	1808	2141670.844									
1000	1809	2141670.844									
1000	1810	2141670.844									
1000	1811	2141700.49	1151-08-28 23:46:18	0.72394406	1.31775594	0.666581918º	1.197196894º	227.7560853	62.87917708	1.00473564	Umbral
1000	1812	2141848.252	1152-01-23 18:03:23	0.751541958	1.290158042	0.776287275º	1.316384896º	225.3169866	55.98852937	0.987095216	Penumbral
1000	1813	2141848.252									
1000	1814	2141848.252									
1000	1815	2141848.252									
1000	1816	2141848.252									
1000	1817	2141877.656	1152-02-22 03:44:20	0.753073656	1.288626344	0.777138728º	1.313370022º	226.9459525	56.04565317	0.994212355	Penumbral
1000	1818	2142024.876	1152-07-18 09:00:57	0.727193052	1.314506948	0.670415202º	1.196115422º	230.1222078	62.78472859	1.014128883	Penumbral
1000	1819	2142024.876									
1000	1820	2142024.876									
1000	1821	2142024.876									
1000	1822	2142024.876									
1000	1823	2142054.504	1152-08-17 00:06:14	0.721514449	1.320185551	0.657037886º	1.186057934º	228.3077943	63.58609568	1.00776479	Penumbral
1000	1824	2142202.86	1153-01-12 08:38:53	0.742129131	1.299570869	0.741629796º	1.282732833º	224.4381358	57.88246821	0.985261108	Umbral
1000	1825	2142202.86									
1000	1826	2142202.86									
1000	1827	2142202.86									
1000	1828	2142202.86									
1000	1829	2142379.13	1153-07-07 15:07:19	0.74159586	1.30010414	0.717594172º	1.242509533º	231.3195953	59.78014411	1.01564522	Umbral
1000	1830	2142379.13									
1000	1831	2142379.13									
1000	1832	2142379.13									
1000	1833	2142379.13									
1000	1834	2142379.13									
1000	1835	2142557.236	1154-01-01 17:39:16	0.725925156	1.315774844	0.686738293º	1.228608731º	223.2216842	61.18538071	0.983865774	Total
1000	1836	2142557.236									
1000	1837	2142557.236									
1000	1838	2142557.236									
1000	1839	2142557.236									
1000	1840	2142733.68	1154-06-27 04:19:05	0.755120966	1.286579034	0.767523433º	1.291937773º	232.2896829	56.8895104	1.01661556	Total
1000	1841	2142733.68									

1000	1842	2142733.68									
1000	1843	2142733.68									
1000	1844	2142733.68									
1000	1845	2142733.68									
1000	1846	2142911.307	1154-12-21 19:22:47	0.714420919	1.327279081	0.651248745º	1.193564232º	222.4439062	63.53094911	0.983058368	Umbral
1000	1847	2142911.307									
1000	1848	2142911.307									
1000	1849	2142911.307									
1000	1850	2142911.307									
1000	1851	2142911.307									
1000	1852	2143059.105	1155-05-18 14:31:18	0.756147027	1.285552973	0.772681874º	1.297756249º	232.0279805	56.5873945	1.015337641	Penumbral
1000	1853	2143059.105									
1000	1854	2143059.105									
1000	1855	2143059.105									
1000	1856	2143059.105									
1000	1857	2143088.389	1155-06-16 21:20:20	0.759112031	1.282587969	0.783451877º	1.307650737º	232.5561406	56.02675148	1.017033455	Umbral
1000	1858	2143235.54	1155-11-11 00:57:26	0.72425151	1.31744849	0.680290717º	1.221178681º	223.4894986	61.63276772	0.985652878	Penumbral
1000	1859	2143235.54									
1000	1860	2143235.54									
1000	1861	2143235.54									
1000	1862	2143235.54									
1000	1863	2143265.271	1155-12-10 18:29:33	0.716888634	1.324811366	0.658779709º	1.201166115º	222.5521634	63.01273569	0.982929829	Penumbral
1000	1864	2143413.69	1156-05-07 04:33:26	0.743439207	1.298260793	0.725605925º	1.251504571º	230.9734091	59.26499351	1.013746245	Umbral
1000	1865	2143413.69									
1000	1866	2143413.69									
1000	1867	2143413.69									
1000	1868	2143443.064	1156-06-05 13:32:30	0.751397409	1.290302591	0.752860359º	1.277132486º	232.1402466	57.71717645	1.016891324	Grazing
1000	1869	2143589.875	1156-10-30 08:59:51	0.740701423	1.300998577	0.734835764º	1.274616644º	224.8615177	58.3126231	0.987674438	Umbral
1000	1870	2143589.875									
1000	1871	2143589.875									
1000	1872	2143589.875									
1000	1873	2143589.875									
1000	1874	2143767.989	1157-04-26 11:44:43	0.728144864	1.313555136	0.675275821º	1.202296046º	229.5677445	62.4150038	1.01158884	Total
1000	1875	2143767.989									
1000	1876	2143767.989									
1000	1877	2143767.989									
1000	1878	2143767.989									
1000	1879	2143767.989									
1000	1880	2143944.465	1157-10-19 23:09:42	0.751693431	1.290006569	0.77468032º	1.313151007º	225.976864	56.11823769	0.990077624	Total
1000	1881	2143944.465									
1000	1882	2143944.465									
1000	1883	2143944.465									
1000	1884	2143944.465									
1000	1885	2143944.465									

1000	1886	2144122.033	1158-04-15 12:47:19	0.721428639	1.320271361	0.65587407º	1.184241769º	228.6073554	63.68912617	1.009009028	Umbral
1000	1887	2144122.033									
1000	1888	2144122.033									
1000	1889	2144122.033									
1000	1890	2144122.033									
1000	1891	2144122.033									
1000	1892	2144299.134	1158-10-09 15:12:16	0.75077943	1.29092057	0.769131569º	1.306140492º	226.5126622	56.4582642	0.992772661	Umbral
1000	1893	2144299.134									
1000	1894	2144299.134									
1000	1895	2144299.134									
1000	1896	2144299.134									
1000	1897	2144446.524	1159-03-06 00:35:11	0.733599576	1.308100424	0.702983836º	1.23736995º	226.6764033	60.39276391	0.997645267	Penumbral
1000	1898	2144446.524									
1000	1899	2144446.524									
1000	1900	2144446.524									
1000	1901	2144446.524									
1000	1902	2144476.095	1159-04-04 14:16:23	0.728381331	1.313318669	0.679714262º	1.209586209º	228.3405871	62.02743817	1.006144561	Penumbral
1000	1903	2144624.166	1159-08-30 15:58:58	0.733322852	1.308377148	0.697321218º	1.228166544º	228.1902612	60.85915315	1.004299655	Penumbral
1000	1904	2144624.166									
1000	1905	2144624.166									
1000	1906	2144624.166									
1000	1907	2144624.166									
1000	1908	2144653.685	1159-09-29 04:27:00	0.739100618	1.302599382	0.723425448º	1.258837632º	226.5506626	59.11317982	0.995733367	Penumbral
1000	1909	2144800.988	1160-02-23 11:42:01	0.747517042	1.294182958	0.755201216º	1.291240104º	226.7428745	57.25524003	0.994569218	Umbral
1000	1910	2144800.988									
1000	1911	2144800.988									
1000	1912	2144800.988									
1000	1913	2144800.988									
1000	1914	2144978.31	1160-08-18 19:26:57	0.722348377	1.319351623	0.659842355º	1.189109227º	228.2665648	63.38428074	1.007294818	Umbral
1000	1915	2144978.31									
1000	1916	2144978.31									
1000	1917	2144978.31									
1000	1918	2144978.31									
1000	1919	2144978.31									
1000	1920	2145155.636	1161-02-12 03:15:54	0.753003374	1.288696626	0.778714087º	1.31629501º	226.3941358	55.9253204	0.991716325	Total
1000	1921	2145155.636									
1000	1922	2145155.636									
1000	1923	2145155.636									
1000	1924	2145155.636									
1000	1925	2145332.32	1161-08-07 19:41:03	0.723919025	1.317780975	0.662933267º	1.190737991º	228.9774095	63.22203191	1.010085273	Total
1000	1926	2145332.32									
1000	1927	2145332.32									
1000	1928	2145332.32									
1000	1929	2145332.32									

1000	1930	2145332.32									
1000	1931	2145510.28	1162-02-01 18:42:51	0.746151898	1.295548102	0.753948298º	1.292954418º	225.4755716	57.24306359	0.989094108	Umbral
1000	1932	2145510.28									
1000	1933	2145510.28									
1000	1934	2145510.28									
1000	1935	2145510.28									
1000	1936	2145510.28									
1000	1937	2145657.073	1162-06-28 13:45:22	0.746135824	1.295564176	0.733354715º	1.257820717º	231.7722371	58.84500816	1.016515419	Grazing
1000	1938	2145657.073									
1000	1939	2145657.073									
1000	1940	2145657.073									
1000	1941	2145657.073									
1000	1942	2145686.504	1162-07-28 00:05:59	0.737245478	1.304454522	0.70479511º	1.231334549º	230.3157711	60.5226014	1.012512527	Umbral
1000	1943	2145835.061	1162-12-23 13:27:55	0.721452735	1.320247265	0.67281545º	1.215069185º	222.8418432	62.07779721	0.983170319	Penumbral
1000	1944	2145835.061									
1000	1945	2145835.061									
1000	1946	2145835.061									
1000	1947	2145835.061									
1000	1948	2145864.728	1163-01-22 05:28:37	0.730526685	1.311173315	0.700086745º	1.240332332º	224.0902666	60.39239556	0.986824863	Penumbral
1000	1949	2146011.686	1163-06-18 04:27:27	0.757485382	1.284214618	0.77680517º	1.30101332º	232.4767947	56.38573856	1.017015431	Umbral
1000	1950	2146011.686									
1000	1951	2146011.686									
1000	1952	2146011.686									
1000	1953	2146040.994	1163-07-17 11:51:02	0.752214746	1.289485254	0.757846795º	1.283394717º	231.6206201	57.39872723	1.014422768	Penumbral
1000	1954	2146189.07	1163-12-12 13:41:19	0.713522863	1.328177137	0.648640605º	1.191042053º	222.3668139	63.70860834	0.982902572	Umbral
1000	1955	2146189.07									
1000	1956	2146189.07									
1000	1957	2146189.07									
1000	1958	2146189.07									
1000	1959	2146366.405	1164-06-06 21:43:31	0.758023776	1.283676224	0.779006976º	1.303252738º	232.4959101	56.2652191	1.016942467	Total
1000	1960	2146366.405									
1000	1961	2146366.405									
1000	1962	2146366.405									
1000	1963	2146366.405									
1000	1964	2146366.405									
1000	1965	2146543.064	1164-11-30 13:32:00	0.720301574	1.321398426	0.669153082º	1.211335086º	222.799925	62.32256742	0.983300394	Total
1000	1966	2146543.064									
1000	1967	2146543.064									
1000	1968	2146543.064									
1000	1969	2146543.064									
1000	1970	2146543.064									
1000	1971	2146721.036	1165-05-27 12:52:25	0.747431865	1.294268135	0.738238443º	1.262821541º	231.8079971	58.55369635	1.016288514	Umbral
1000	1972	2146721.036									
1000	1973	2146721.036									

1000	1974	2146721.036									
1000	1975	2146721.036									
1000	1976	2146721.036									
1000	1977	2146897.32	1165-11-19 19:41:04	0.736182621	1.305517379	0.720937592º	1.262543246º	223.9134444	59.07848898	0.984346774	Umbral
1000	1978	2146897.32									
1000	1979	2146897.32									
1000	1980	2146897.32									
1000	1981	2146897.32									
1000	1982	2147045.829	1166-04-17 07:53:21	0.724489381	1.317210619	0.665157656º	1.193286386º	228.8609247	63.05935972	1.009465586	Penumbral
1000	1983	2147045.829									
1000	1984	2147045.829									
1000	1985	2147045.829									
1000	1986	2147045.829									
1000	1987	2147075.408	1166-05-16 21:48:04	0.732067633	1.309632367	0.685494027º	1.210685857º	230.6347912	61.80044855	1.015110569	Penumbral
1000	1988	2147222.442	1166-10-10 22:35:49	0.753133412	1.288566588	0.778713058º	1.315894764º	226.5564922	55.93596079	0.992453338	Penumbral
1000	1989	2147222.442									
1000	1990	2147222.442									
1000	1991	2147222.442									
1000	1992	2147222.442									
1000	1993	2147251.859	1166-11-09 08:37:12	0.749196291	1.292503709	0.767874408º	1.308624805º	224.95327	56.42575365	0.985903627	Penumbral
1000	1994	2147399.841	1167-04-06 08:11:06	0.721578254	1.320121746	0.657992662º	1.18762801º	228.047557	63.49908115	1.006594026	Umbral
1000	1995	2147399.841									
1000	1996	2147399.841									
1000	1997	2147399.841									
1000	1998	2147399.841									
1000	1999	2147429.498	1167-05-05 23:56:37	0.722903145	1.318796855	0.657410624º	1.183495223º	229.7222914	63.66100251	1.01338792	Grazing
1000	2000	2147577.101	1167-09-30 14:24:47	0.748740348	1.292959652	0.75924659º	1.294855251º	226.994475	57.04111628	0.995368105	Umbral
1000	2001	2147577.101									
1000	2002	2147577.101									
1000	2003	2147577.101									
1000	2004	2147753.959	1168-03-25 11:00:52	0.731690107	1.310009893	0.692462571º	1.223739779º	227.9041018	61.15490776	1.003483248	Total
1000	2005	2147753.959									
1000	2006	2147753.959									
1000	2007	2147753.959									
1000	2008	2147753.959									
1000	2009	2147753.959									
1000	2010	2147931.591	1168-09-19 02:10:55	0.735284282	1.306415718	0.708125343º	1.242078388º	226.9633219	60.08687766	0.998454419	Total
1000	2011	2147931.591									
1000	2012	2147931.591									
1000	2013	2147931.591									
1000	2014	2147931.591									
1000	2015	2147931.591									
1000	2016	2148108.369	1169-03-14 20:51:42	0.746100678	1.295599322	0.74552739º	1.278477516º	227.9806969	57.8905888	1.000333336	Umbral
1000	2017	2148108.369									

1000	2018	2148108.369									
1000	2019	2148108.369									
1000	2020	2148108.369									
1000	2021	2148108.369									
1000	2022	2148256.122	1169-08-09 14:55:24	0.721802699	1.319897301	0.656504726º	1.184502771º	228.8031344	63.65808409	1.009715439	Grazing
1000	2023	2148256.122									
1000	2024	2148256.122									
1000	2025	2148256.122									
1000	2026	2148256.122									
1000	2027	2148285.787	1169-09-08 06:53:54	0.722458533	1.319241467	0.663986705º	1.196210825º	226.976186	63.00103753	1.00169789	Umbral
1000	2028	2148433.613	1170-02-03 02:42:18	0.751916377	1.289783623	0.776080865º	1.314930108º	225.8355186	56.03280364	0.989382068	Penumbral
1000	2029	2148433.613									
1000	2030	2148433.613									
1000	2031	2148433.613									
1000	2032	2148463.002	1170-03-04 12:03:12	0.754001916	1.287698084	0.778540494º	1.313157036º	227.67089	56.01333366	0.997215269	Penumbral
1000	2033	2148610.155	1170-07-29 15:43:25	0.727252302	1.314447698	0.672017198º	1.198710409º	229.65554	62.64382487	1.012216916	Penumbral
1000	2034	2148610.155									
1000	2035	2148610.155									
1000	2036	2148610.155									
1000	2037	2148610.155									
1000	2038	2148639.791	1170-08-28 06:59:44	0.720886156	1.320813844	0.657082008º	1.187583775º	227.6011594	63.5323081	1.004950051	Penumbral
1000	2039	2148788.217	1171-01-23 17:12:59	0.741864991	1.299835009	0.739387318º	1.279482407º	224.8190509	58.0400592	0.987099844	Umbral
1000	2040	2148788.217									
1000	2041	2148788.217									
1000	2042	2148788.217									
1000	2043	2148788.217									
1000	2044	2148964.425	1171-07-18 22:12:40	0.742139742	1.299560258	0.720648829º	1.246318053º	230.9973949	59.5712772	1.014188682	Umbral
1000	2045	2148964.425									
1000	2046	2148964.425									
1000	2047	2148964.425									
1000	2048	2148964.425									
1000	2049	2148964.425									
1000	2050	2149142.58	1172-01-13 01:55:45	0.725486704	1.316213296	0.684513963º	1.225636877º	223.4722655	61.35202091	0.985224917	Total
1000	2051	2149142.58									
1000	2052	2149142.58									
1000	2053	2149142.58									
1000	2054	2149142.58									
1000	2055	2149142.58									
1000	2056	2149318.988	1172-07-07 11:43:00	0.755450405	1.286249595	0.769597305º	1.294519535º	232.0771918	56.76103835	1.015631929	Total
1000	2057	2149318.988									
1000	2058	2149318.988									
1000	2059	2149318.988									
1000	2060	2149318.988									
1000	2061	2149496.642	1173-01-01 03:24:21	0.714392135	1.327307865	0.650737958º	1.192613423º	222.5978523	63.5813155	0.983856647	Umbral

1000	2062	2149496.642									
1000	2063	2149496.642									
1000	2064	2149496.642									
1000	2065	2149496.642									
1000	2066	2149496.642									
1000	2067	2149644.415	1173-05-28 21:57:02	0.755909641	1.285790359	0.770839074º	1.295380273º	232.2762393	56.70305656	1.016369695	Grazing
1000	2068	2149644.415									
1000	2069	2149644.415									
1000	2070	2149644.415									
1000	2071	2149644.415									
1000	2072	2149673.7	1173-06-27 04:47:37	0.758848696	1.282851304	0.782710355º	1.307156078º	232.4401959	56.06002505	1.016554725	Umbral
1000	2073	2149820.882	1173-11-21 09:10:46	0.72462697	1.31707303	0.682394093º	1.224068034º	223.2073842	61.47118809	0.984222678	Penumbral
1000	2074	2149820.882									
1000	2075	2149820.882									
1000	2076	2149820.882									
1000	2077	2149820.882									
1000	2078	2149850.609	1173-12-21 02:37:26	0.717448775	1.324251225	0.660397565º	1.202687685º	222.6164419	62.90625122	0.983104353	Penumbral
1000	2079	2149998.988	1174-05-18 11:42:26	0.742935311	1.298764689	0.722573566º	1.247672276º	231.3250402	59.47174611	1.015290586	Umbral
1000	2080	2149998.988									
1000	2081	2149998.988									
1000	2082	2149998.988									
1000	2083	2149998.988									
1000	2084	2150028.366	1174-06-16 20:46:56	0.750628335	1.291071665	0.749815491º	1.27404013º	232.1278236	57.89258529	1.016983442	Grazing
1000	2085	2150175.23	1174-11-10 17:31:05	0.740966365	1.300733635	0.737131076º	1.277997715º	224.4569193	58.14826345	0.985691738	Umbral
1000	2086	2150175.23									
1000	2087	2150175.23									
1000	2088	2150175.23									
1000	2089	2150353.271	1175-05-07 18:30:53	0.728056782	1.313643218	0.673525129º	1.199456841º	230.0560649	62.56800494	1.01368251	Total
1000	2090	2150353.271									
1000	2091	2150353.271									
1000	2092	2150353.271									
1000	2093	2150353.271									
1000	2094	2150353.271									
1000	2095	2150529.824	1175-10-31 07:46:54	0.751355627	1.290344373	0.775086433º	1.314889434º	225.4390453	56.06085167	0.987633964	Total
1000	2096	2150529.824									
1000	2097	2150529.824									
1000	2098	2150529.824									
1000	2099	2150529.824									
1000	2100	2150529.824									
1000	2101	2150707.311	1176-04-25 19:28:05	0.722283802	1.319416198	0.656829894º	1.183888603º	229.2345014	63.66780672	1.011514976	Umbral
1000	2102	2150707.311									
1000	2103	2150707.311									
1000	2104	2150707.311									
1000	2105	2150707.311									

1000	2106	2150707.311									
1000	2107	2150884.486	1176-10-19 23:39:40	0.749674827	1.292025173	0.766787216º	1.30529759º	225.8624227	56.5456793	0.990004658	Umbral
1000	2108	2150884.486									
1000	2109	2150884.486									
1000	2110	2150884.486									
1000	2111	2150884.486									
1000	2112	2150884.486									
1000	2113	2151031.844	1177-03-16 08:15:42	0.735371079	1.306328921	0.706873287º	1.239580203º	227.4750112	60.20257461	1.000790044	Penumbral
1000	2114	2151031.844									
1000	2115	2151031.844									
1000	2116	2151031.844									
1000	2117	2151061.389	1177-04-14 21:20:48	0.730004021	1.311695979	0.683065893º	1.211476289º	229.0740116	61.85496322	1.008927495	Penumbral
1000	2118	2151209.476	1177-09-09 23:25:02	0.731556575	1.310143425	0.693542218º	1.226019617º	227.3923245	61.04796642	1.00122142	Penumbral
1000	2119	2151209.476									
1000	2120	2151209.476									
1000	2121	2151209.476									
1000	2122	2151209.476									
1000	2123	2151239.02	1177-10-09 12:29:19	0.737442919	1.304257081	0.719618811º	1.256632294º	225.8086421	59.29387691	0.992764232	Penumbral
1000	2124	2151386.328	1178-03-05 19:52:39	0.748923204	1.292776796	0.758329077º	1.292742461º	227.4950287	57.12527838	0.997594359	Umbral
1000	2125	2151386.328									
1000	2126	2151386.328									
1000	2127	2151386.328									
1000	2128	2151386.328									
1000	2129	2151415.743	1178-04-04 05:50:25	0.744413703	1.297286297	0.734994343º	1.264906621º	229.2094082	58.58913701	1.006067985	Grazing
1000	2130	2151563.599	1178-08-30 02:22:48	0.721098468	1.320601532	0.657966547º	1.188724967º	227.5241639	63.46251948	1.004464098	Umbral
1000	2131	2151563.599									
1000	2132	2151563.599									
1000	2133	2151563.599									
1000	2134	2151563.599									
1000	2135	2151740.988	1179-02-23 11:42:25	0.75368497	1.28801503	0.779254323º	1.315310901º	227.0672993	55.93682604	0.994536398	Total
1000	2136	2151740.988									
1000	2137	2151740.988									
1000	2138	2151740.988									
1000	2139	2151740.988									
1000	2140	2151740.988									
1000	2141	2151917.605	1179-08-19 02:31:34	0.723596917	1.318103083	0.663787997º	1.192943789º	228.3340881	63.11797833	1.007506269	Total
1000	2142	2151917.605									
1000	2143	2151917.605									
1000	2144	2151917.605									
1000	2145	2151917.605									
1000	2146	2152095.632	1180-02-13 03:09:27	0.746164482	1.295535518	0.752113788º	1.289711427º	226.0474754	57.38537976	0.991685489	Umbral
1000	2147	2152095.632									
1000	2148	2152095.632									
1000	2149	2152095.632									

1000	2150	2152095.632									
1000	2151	2152095.632									
1000	2152	2152242.372	1180-07-08 20:55:14	0.746769085	1.294930915	0.736483967º	1.261466616º	231.5624593	58.64514056	1.015515042	Grazing
1000	2153	2152242.372									
1000	2154	2152242.372									
1000	2155	2152242.372									
1000	2156	2152242.372									
1000	2157	2152271.802	1180-08-07 07:14:48	0.737531113	1.304168887	0.707484789º	1.235212056º	229.7862553	60.31785664	1.010233527	Umbral
1000	2158	2152420.403	1181-01-02 21:40:39	0.72098738	1.32071262	0.670873851º	1.212655965º	222.9854459	62.22154749	0.98402617	Penumbral
1000	2159	2152420.403									
1000	2160	2152420.403									
1000	2161	2152420.403									
1000	2162	2152420.403									
1000	2163	2152450.07	1181-02-01 13:41:14	0.730277824	1.311422176	0.697810437º	1.23683061º	224.5526503	60.57285782	0.989068323	Penumbral
1000	2164	2152596.995	1181-06-28 11:52:59	0.757749761	1.283950239	0.778261275º	1.302737739º	232.3742083	56.29943747	1.016495141	Penumbral
1000	2165	2152596.995									
1000	2166	2152596.995									
1000	2167	2152596.995									
1000	2168	2152596.995									
1000	2169	2152626.304	1181-07-27 19:18:21	0.752421037	1.289278963	0.760142416º	1.286667598º	231.1823888	57.24246871	1.012539944	Penumbral
1000	2170	2152774.405	1181-12-22 21:42:57	0.713573265	1.328126735	0.648670177º	1.190923135º	222.4166095	63.71166361	0.983171727	Umbral
1000	2171	2152774.405									
1000	2172	2152774.405									
1000	2173	2152774.405									
1000	2174	2152951.714	1182-06-18 05:08:50	0.757673031	1.284026969	0.77752242º	1.301763249º	232.492276	56.34587233	1.016952036	Total
1000	2175	2152951.714									
1000	2176	2152951.714									
1000	2177	2152951.714									
1000	2178	2152951.714									
1000	2179	2152951.714									
1000	2180	2153128.406	1182-12-11 21:45:07	0.720872637	1.320827363	0.671156659º	1.213545782º	222.7553827	62.18291924	0.982924907	Total
1000	2181	2153128.406									
1000	2182	2153128.406									
1000	2183	2153128.406									
1000	2184	2153128.406									
1000	2185	2153128.406									
1000	2186	2153306.334	1183-06-07 20:01:32	0.746692537	1.295007463	0.735030823º	1.259297941º	231.9131909	58.75169693	1.016901041	Total
1000	2187	2153306.334									
1000	2188	2153306.334									
1000	2189	2153306.334									
1000	2190	2153306.334									
1000	2191	2153306.334									
1000	2192	2153482.677	1183-12-01 04:15:11	0.736746735	1.304953265	0.723554864º	1.26570363º	223.7403665	58.90663595	0.983360678	Umbral
1000	2193	2153482.677									

1000	2194	2153482.677									
1000	2195	2153482.677									
1000	2196	2153482.677									
1000	2197	2153631.11	1184-04-27 14:38:57	0.724709537	1.316990463	0.664156079º	1.191034994º	229.4452296	63.16981998	1.01186015	Grazing
1000	2198	2153631.11									
1000	2199	2153631.11									
1000	2200	2153631.11									
1000	2201	2153631.11									
1000	2202	2153660.688	1184-05-27 04:31:25	0.731581897	1.310118103	0.683030889º	1.207633657º	230.8901392	61.98099512	1.016250409	Penumbral
1000	2203	2153807.797	1184-10-21 07:07:46	0.752528279	1.289171721	0.778291414º	1.316938348º	225.9367184	55.91967754	0.989753667	Penumbral
1000	2204	2153807.797									
1000	2205	2153807.797									
1000	2206	2153807.797									
1000	2207	2153807.797									
1000	2208	2153837.224	1184-11-19 17:22:44	0.749210559	1.292489441	0.769042514º	1.310623113º	224.6235044	56.33985251	0.984392313	Penumbral
1000	2209	2153985.125	1185-04-16 15:00:20	0.722753218	1.318946782	0.659763979º	1.187970975º	228.7496007	63.42578868	1.00931601	Umbral
1000	2210	2153985.125									
1000	2211	2153985.125									
1000	2212	2153985.125									
1000	2213	2153985.125									
1000	2214	2154014.768	1185-05-16 06:26:20	0.723320987	1.318379013	0.657510876º	1.182749464º	230.1491589	63.68312148	1.015020202	Grazing
1000	2215	2154162.446	1185-10-10 22:42:00	0.747395369	1.294304631	0.756226425º	1.293428432º	226.2786169	57.16556395	0.992415834	Umbral
1000	2216	2154162.446									
1000	2217	2154162.446									
1000	2218	2154162.446									
1000	2219	2154162.446									
1000	2220	2154339.264	1186-04-05 18:19:36	0.733432855	1.308267145	0.696211029º	1.225925316º	228.6822757	60.96519686	1.006444022	Total
1000	2221	2154339.264									
1000	2222	2154339.264									
1000	2223	2154339.264									
1000	2224	2154339.264									
1000	2225	2154339.264									
1000	2226	2154516.916	1186-09-30 09:58:57	0.733538158	1.308161842	0.704277123º	1.239880292º	226.1809127	60.27466794	0.99537831	Total
1000	2227	2154516.916									
1000	2228	2154516.916									
1000	2229	2154516.916									
1000	2230	2154516.916									
1000	2231	2154693.697	1187-03-26 04:43:07	0.747667711	1.294032289	0.749117595º	1.280419104º	228.7679149	57.7320073	1.003437348	Umbral
1000	2232	2154693.697									
1000	2233	2154693.697									
1000	2234	2154693.697									
1000	2235	2154693.697									
1000	2236	2154693.697									
1000	2237	2154871.09	1187-09-19 14:09:28	0.721003116	1.320696884	0.661517636º	1.195417012º	226.1918764	63.11254093	0.998554787	Umbral

1000	2238	2154871.09									
1000	2239	2154871.09									
1000	2240	2154871.09									
1000	2241	2154871.09									
1000	2242	2154871.09									
1000	2243	2155018.968	1188-02-14 11:14:37	0.752342528	1.289357472	0.775807904º	1.313201333º	226.4399738	56.08625895	0.992062332	Penumbral
1000	2244	2155018.968									
1000	2245	2155018.968									
1000	2246	2155018.968									
1000	2247	2155018.968									
1000	2248	2155048.343	1188-03-14 20:14:30	0.754916669	1.286783331	0.779831212º	1.312750142º	228.422167	55.98920752	1.000391892	Penumbral
1000	2249	2155195.44	1188-08-08 22:33:23	0.727227346	1.314472654	0.673611401º	1.201534955º	229.0933298	62.49621414	1.009857912	Penumbral
1000	2250	2155195.44									
1000	2251	2155195.44									
1000	2252	2155195.44									
1000	2253	2155225.085	1188-09-07 14:02:31	0.720258745	1.321441255	0.657189175º	1.189326881º	226.8643738	63.46899899	1.001860557	Penumbral
1000	2254	2155373.57	1189-02-03 01:40:39	0.741691956	1.300008044	0.737175735º	1.276008687º	225.3032688	58.2040186	0.989411979	Umbral
1000	2255	2155373.57									
1000	2256	2155373.57									
1000	2257	2155373.57									
1000	2258	2155373.57									
1000	2259	2155549.725	1189-07-29 05:24:18	0.742544827	1.299155173	0.723568363º	1.250235205º	230.5584906	59.36473065	1.012267597	Umbral
1000	2260	2155549.725									
1000	2261	2155549.725									
1000	2262	2155549.725									
1000	2263	2155549.725									
1000	2264	2155549.725									
1000	2265	2155727.921	1190-01-23 10:06:33	0.725202152	1.316497848	0.682449661º	1.222572826º	223.8423873	61.51730085	0.987048535	Total
1000	2266	2155727.921									
1000	2267	2155727.921									
1000	2268	2155727.921									
1000	2269	2155727.921									
1000	2270	2155727.921									
1000	2271	2155904.299	1190-07-18 19:10:50	0.755606067	1.286093933	0.771416643º	1.297079513º	231.7329009	56.64078573	1.014200942	Total
1000	2272	2155904.299									
1000	2273	2155904.299									
1000	2274	2155904.299									
1000	2275	2155904.299									
1000	2276	2155904.299									
1000	2277	2156081.974	1191-01-12 11:22:28	0.714567079	1.327132921	0.650469927º	1.191656219º	222.8820738	63.62349719	0.985109537	Umbral
1000	2278	2156081.974									
1000	2279	2156081.974									
1000	2280	2156081.974									
1000	2281	2156081.974									

1000	2282	2156229.722	1191-06-09 05:20:00	0.755491657	1.286208343	0.768747856º	1.292979218º	232.3853424	56.82680282	1.0169704	Grazing
1000	2283	2156229.722									
1000	2284	2156229.722									
1000	2285	2156229.722									
1000	2286	2156229.722									
1000	2287	2156259.011	1191-07-08 12:16:18	0.758400829	1.283299171	0.781694863º	1.306603033º	232.1844833	56.10233811	1.015659134	Umbral
1000	2288	2156406.228	1191-12-02 17:28:44	0.725168425	1.316531575	0.68466916º	1.226868003º	223.0523036	61.30773044	0.983269854	Penumbral
1000	2289	2156406.228									
1000	2290	2156406.228									
1000	2291	2156406.228									
1000	2292	2156406.228									
1000	2293	2156435.948	1192-01-01 10:44:51	0.718209594	1.323490406	0.662257273º	1.204178517º	222.8152553	62.79292047	0.983773536	Penumbral
1000	2294	2156584.282	1192-05-28 18:46:17	0.742281466	1.299418534	0.719415147º	1.24394611º	231.5487296	59.68061834	1.016389528	Umbral
1000	2295	2156584.282									
1000	2296	2156584.282									
1000	2297	2156584.282									
1000	2298	2156584.282									
1000	2299	2156613.667	1192-06-27 04:00:19	0.749683415	1.292016585	0.746578339º	1.27101034º	231.9719156	58.0728728	1.016581323	Grazing
1000	2300	2156760.589	1192-11-21 02:07:54	0.741337117	1.300362883	0.739481518º	1.281144345º	224.166361	57.98990952	0.984242875	Umbral
1000	2301	2156760.589									
1000	2302	2156760.589									
1000	2303	2156760.589									
1000	2304	2156760.589									
1000	2305	2156938.549	1193-05-18 01:10:37	0.727868742	1.313831258	0.671744357º	1.196875362º	230.4343258	62.71418642	1.015228149	Total
1000	2306	2156938.549									
1000	2307	2156938.549									
1000	2308	2156938.549									
1000	2309	2156938.549									
1000	2310	2157115.188	1193-11-10 16:30:06	0.751085411	1.290614589	0.775462638º	1.316317951º	225.0005835	56.01263286	0.98571238	Total
1000	2311	2157115.188									
1000	2312	2157115.188									
1000	2313	2157115.188									
1000	2314	2157115.188									
1000	2315	2157115.188									
1000	2316	2157292.585	1194-05-07 02:02:48	0.723077515	1.318622485	0.657824234º	1.183837906º	229.7722021	63.63477099	1.013524563	Umbral
1000	2317	2157292.585									
1000	2318	2157292.585									
1000	2319	2157292.585									
1000	2320	2157292.585									
1000	2321	2157292.585									
1000	2322	2157469.843	1194-10-31 08:13:25	0.748627146	1.293072854	0.76444559º	1.304233031º	225.2936483	56.63931656	0.987662434	Umbral
1000	2323	2157469.843									
1000	2324	2157469.843									
1000	2325	2157469.843									

1000	2326	2157469.843									
1000	2327	2157469.843									
1000	2328	2157617.159	1195-03-27 15:49:18	0.737146288	1.304553712	0.710809171º	1.241900786º	228.2738388	60.00876812	1.003833919	Penumbral
1000	2329	2157617.159									
1000	2330	2157617.159									
1000	2331	2157617.159									
1000	2332	2157617.159									
1000	2333	2157646.68	1195-04-26 04:19:45	0.73157132	1.31012868	0.686455359º	1.213591776º	229.7407367	61.67493377	1.011365863	Penumbral
1000	2334	2157794.79	1195-09-21 06:58:16	0.729801376	1.311898624	0.689858439º	1.223996984º	226.5924293	61.23092242	0.998107669	Penumbral
1000	2335	2157794.79									
1000	2336	2157794.79									
1000	2337	2157794.79									
1000	2338	2157824.36	1195-10-20 20:38:23	0.735852147	1.305847853	0.715914036º	1.254399835º	225.1284559	59.47338509	0.990049837	Penumbral
1000	2339	2157971.664	1196-03-16 03:56:08	0.750326508	1.291373492	0.76141841º	1.294145347º	228.2707002	56.99972506	1.000752431	Umbral
1000	2340	2157971.664									
1000	2341	2157971.664									
1000	2342	2157971.664									
1000	2343	2157971.664									
1000	2344	2158001.058	1196-04-14 13:22:56	0.746023416	1.295676584	0.738841553º	1.267284122º	229.9430235	58.40653043	1.008866069	Grazing
1000	2345	2158148.894	1196-09-09 09:26:43	0.719856975	1.321843025	0.656178972º	1.18858499º	226.755075	63.5295184	1.001355656	Umbral
1000	2346	2158148.894									
1000	2347	2158148.894									
1000	2348	2158148.894									
1000	2349	2158148.894									
1000	2350	2158326.334	1197-03-05 20:01:22	0.754373808	1.287326192	0.779694973º	1.314090627º	227.7874077	55.95729467	0.997627457	Total
1000	2351	2158326.334									
1000	2352	2158326.334									
1000	2353	2158326.334									
1000	2354	2158326.334									
1000	2355	2158326.334									
1000	2356	2158502.897	1197-08-29 09:31:09	0.723243413	1.318456587	0.66467209º	1.195362978º	227.6380837	63.00607897	1.00459192	Total
1000	2357	2158502.897									
1000	2358	2158502.897									
1000	2359	2158502.897									
1000	2360	2158502.897									
1000	2361	2158502.897									
1000	2362	2158680.978	1198-02-23 11:28:03	0.746219415	1.295480585	0.750229214º	1.286262378º	226.688467	57.53561691	0.994579839	Umbral
1000	2363	2158680.978									
1000	2364	2158680.978									
1000	2365	2158680.978									
1000	2366	2158680.978									
1000	2367	2158827.674	1198-07-20 04:10:05	0.747243572	1.294456428	0.739425864º	1.265203376º	231.2231108	58.44952026	1.013979802	Grazing
1000	2368	2158827.674									
1000	2369	2158827.674									

1000	2370	2158827.674									
1000	2371	2158827.674									
1000	2372	2158857.106	1198-08-18 14:32:04	0.737722079	1.303977921	0.710084792º	1.239189593º	229.1770859	60.11422609	1.007603366	Umbral
1000	2373	2159005.742	1199-01-14 05:49:09	0.72070136	1.32099864	0.669143263º	1.210169987º	223.257444	62.36127927	0.985400082	Penumbral
1000	2374	2159005.742									
1000	2375	2159005.742									
1000	2376	2159005.742									
1000	2377	2159005.742									
1000	2378	2159035.407	1199-02-12 21:45:48	0.730134605	1.311565395	0.695624461º	1.233232938º	225.1067296	60.75452564	0.991665498	Penumbral
1000	2379	2159182.306	1199-07-09 19:21:01	0.757830641	1.283869359	0.779439724º	1.304422508º	232.1321637	56.2220373	1.015514782	Penumbral
1000	2380	2159182.306									
1000	2381	2159182.306									
1000	2382	2159182.306									
1000	2383	2159182.306									
1000	2384	2159211.619	1199-08-08 02:52:01	0.752483783	1.289216217	0.762210554º	1.289922602º	230.6408984	57.09395296	1.010262661	Penumbral
1000	2385	2159359.738	1200-01-03 05:43:05	0.713836474	1.327863526	0.648963098º	1.190789695º	222.601354	63.70599112	0.98394538	Umbral
1000	2386	2159359.738									
1000	2387	2159359.738									
1000	2388	2159359.738									
1000	2389	2159359.738									
1000	2390	2159537.024	1200-06-28 12:34:06	0.757135766	1.284564234	0.775767096º	1.300244673º	232.3449441	56.43498538	1.016492985	Total
1000	2391	2159537.024									
1000	2392	2159537.024									
1000	2393	2159537.024									
1000	2394	2159537.024									
1000	2395	2159713.75	1200-12-22 05:59:33	0.721633656	1.320066344	0.6733976º	1.215675129º	222.846072	62.03866264	0.983127179	Total
1000	2396	2159713.75									
1000	2397	2159713.75									
1000	2398	2159713.75									
1000	2399	2159713.75									
1000	2400	2159713.75									
1000	2401	2159891.631	1201-06-18 03:08:09	0.745784083	1.295915917	0.731651232º	1.255888864º	231.8757295	58.95282695	1.016958236	Total
1000	2402	2159891.631									
1000	2403	2159891.631									
1000	2404	2159891.631									
1000	2405	2159891.631									
1000	2406	2159891.631									
1000	2407	2160068.036	1201-12-11 12:52:12	0.737448345	1.304251655	0.726279697º	1.268666187º	223.6972525	58.73836166	0.982929678	Umbral
1000	2408	2160068.036									
1000	2409	2160068.036									
1000	2410	2160068.036									
1000	2411	2160068.036									
1000	2412	2160068.036									
1000	2413	2160216.387	1202-05-08 21:17:23	0.724855524	1.316844476	0.663180388º	1.189027256º	229.9365649	63.27150403	1.013846063	Grazing

1000	2414	2160216.387									
1000	2415	2160216.387									
1000	2416	2160216.387									
1000	2417	2160216.387									
1000	2418	2160245.966	1202-06-07 11:10:41	0.730964806	1.310735194	0.680542325º	1.204811178º	231.0108313	62.15592432	1.016897675	Penumbral
1000	2419	2160393.157	1202-11-01 15:46:22	0.751972953	1.289727047	0.777799629º	1.317716404º	225.4012491	55.91233112	0.987425844	Penumbral
1000	2420	2160393.157									
1000	2421	2160393.157									
1000	2422	2160393.157									
1000	2423	2160422.592	1202-12-01 02:12:01	0.74932313	1.29237687	0.770187661º	1.312332747º	224.416096	56.26258406	0.983367352	Penumbral
1000	2424	2160570.405	1203-04-27 21:43:09	0.723886423	1.317813577	0.661617193º	1.1885696º	229.3817576	63.34113214	1.01171903	Umbral
1000	2425	2160570.405									
1000	2426	2160570.405									
1000	2427	2160570.405									
1000	2428	2160570.405									
1000	2429	2160600.036	1203-05-27 12:52:00	0.723641449	1.318058551	0.657670229º	1.182284339º	230.453707	63.69353358	1.016228438	Grazing
1000	2430	2160747.796	1203-10-22 07:06:01	0.746094648	1.295605352	0.753209642º	1.291862669º	225.6266511	57.29432582	0.98974247	Umbral
1000	2431	2160747.796									
1000	2432	2160747.796									
1000	2433	2160747.796									
1000	2434	2160747.796									
1000	2435	2160924.564	1204-04-16 01:32:22	0.735134083	1.306565917	0.700001242º	1.228277647º	229.4144083	60.77010653	1.009183398	Total
1000	2436	2160924.564									
1000	2437	2160924.564									
1000	2438	2160924.564									
1000	2439	2160924.564									
1000	2440	2160924.564									
1000	2441	2161102.246	1204-10-10 17:54:05	0.731847791	1.309852209	0.700542277º	1.237726437º	225.4414942	60.45868738	0.992448805	Total
1000	2442	2161102.246									
1000	2443	2161102.246									
1000	2444	2161102.246									
1000	2445	2161102.246									
1000	2446	2161102.246									
1000	2447	2161279.019	1205-04-05 12:27:57	0.749186357	1.292513643	0.75262101º	1.282375928º	229.5323356	57.57634779	1.006366832	Umbral
1000	2448	2161279.019									
1000	2449	2161279.019									
1000	2450	2161279.019									
1000	2451	2161279.019									
1000	2452	2161456.398	1205-09-29 21:33:15	0.719609097	1.322090903	0.65923171º	1.194753038º	225.4282486	63.21372243	0.99553043	Umbral
1000	2453	2161456.398									
1000	2454	2161456.398									
1000	2455	2161456.398									
1000	2456	2161456.398									
1000	2457	2161456.398									

1000	2458	2161604.319	1206-02-24 19:39:33	0.752797734	1.288902266	0.775415065º	1.311252146º	227.1106343	56.14896736	0.994943793	Penumbral
1000	2459	2161604.319									
1000	2460	2161604.319									
1000	2461	2161604.319									
1000	2462	2161604.319									
1000	2463	2161633.679	1206-03-26 04:18:12	0.755790277	1.285909723	0.780923596º	1.312229244º	229.1749073	55.97349234	1.003429531	Penumbral
1000	2464	2161780.73	1206-08-20 05:31:55	0.727138709	1.314561291	0.675225213º	1.20453522º	228.4568021	62.34285001	1.007212732	Penumbral
1000	2465	2161780.73									
1000	2466	2161780.73									
1000	2467	2161780.73									
1000	2468	2161780.73									
1000	2469	2161810.385	1206-09-18 21:15:04	0.719660672	1.322039328	0.657427068º	1.19119959º	226.1230632	63.39686375	0.9987921	Penumbral
1000	2470	2161958.917	1207-02-14 10:00:44	0.741590895	1.300109105	0.734955761º	1.272355142º	225.8743744	58.37434739	0.992051343	Umbral
1000	2471	2161958.917									
1000	2472	2161958.917									
1000	2473	2161958.917									
1000	2474	2161988.356	1207-03-15 20:32:50	0.750371981	1.291328019	0.761827993º	1.294744712º	228.2001841	56.97174587	1.000396043	Grazing
1000	2475	2162135.03	1207-08-09 12:43:16	0.74282648	1.29887352	0.726348936º	1.254233389º	230.0202909	59.16140614	1.009932714	Umbral
1000	2476	2162135.03									
1000	2477	2162135.03									
1000	2478	2162135.03									
1000	2479	2162135.03									
1000	2480	2162313.257	1208-02-03 18:10:15	0.725056248	1.316643752	0.680549563º	1.219414585º	224.3194841	61.68111835	0.989353096	Total
1000	2481	2162313.257									
1000	2482	2162313.257									
1000	2483	2162313.257									
1000	2484	2162313.257									
1000	2485	2162313.257									
1000	2486	2162489.614	1208-07-29 02:43:40	0.755600013	1.286099987	0.772947074º	1.299635212º	231.2702335	56.52912583	1.012226664	Total
1000	2487	2162489.614									
1000	2488	2162489.614									
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1000	2491	2162489.614									
1000	2492	2162667.302	1209-01-22 19:15:33	0.714933965	1.326766035	0.650492552º	1.190648035º	223.2875676	63.6573174	0.986989477	Umbral
1000	2493	2162667.302									
1000	2494	2162667.302									
1000	2495	2162667.302									
1000	2496	2162667.302									
1000	2497	2162667.302									
1000	2498	2162815.029	1209-06-19 12:41:23	0.754889824	1.286810176	0.766361217º	1.290622425º	232.3506901	56.95814578	1.016912504	Grazing
1000	2499	2162815.029									
1000	2500	2162815.029									
1000	2501	2162815.029									

1000	2502	2162844.325	1209-07-18 19:47:32	0.757777877	1.283922123	0.780356341º	1.306053364º	231.7982666	56.15341616	1.014135053	Umbral
1000	2503	2162991.576	1209-12-13 01:49:36	0.725882507	1.315817493	0.687161691º	1.22953588º	223.0298056	61.1423075	0.98295197	Penumbral
1000	2504	2162991.576									
1000	2505	2162991.576									
1000	2506	2162991.576									
1000	2507	2162991.576									
1000	2508	2163021.285	1210-01-11 18:50:07	0.719163186	1.322536814	0.664398172º	1.205606725º	223.143143	62.67254709	0.985069018	Penumbral
1000	2509	2163169.574	1210-06-09 01:46:13	0.741470655	1.300229345	0.716122608º	1.240367208º	231.635013	59.89063865	1.01694472	Penumbral
1000	2510	2163169.574									
1000	2511	2163169.574									
1000	2512	2163169.574									
1000	2513	2163169.574									
1000	2514	2163198.968	1210-07-08 11:13:55	0.748569298	1.293130702	0.743152252º	1.268071731º	231.6772517	58.25719901	1.015637253	Grazing
1000	2515	2163345.951	1210-12-02 10:48:47	0.741825497	1.299874503	0.741877716º	1.284068405º	223.9996235	57.83740496	0.983284642	Umbral
1000	2516	2163345.951									
1000	2517	2163345.951									
1000	2518	2163345.951									
1000	2519	2163345.951									
1000	2520	2163523.823	1211-05-29 07:45:15	0.727567594	1.314132406	0.669985165º	1.194523275º	230.6878506	62.8526343	1.016375679	Total
1000	2521	2163523.823									
1000	2522	2163523.823									
1000	2523	2163523.823									
1000	2524	2163523.823									
1000	2525	2163523.823									
1000	2526	2163700.554	1211-11-22 01:18:03	0.750899344	1.290800656	0.775777585º	1.317470826º	224.6752975	55.97347215	0.984187613	Total
1000	2527	2163700.554									
1000	2528	2163700.554									
1000	2529	2163700.554									
1000	2530	2163700.554									
1000	2531	2163877.856	1212-05-17 08:32:51	0.723788879	1.317911121	0.658899663º	1.184049928º	230.2015942	63.58993184	1.015190916	Umbral
1000	2532	2163877.856									
1000	2533	2163877.856									
1000	2534	2163877.856									
1000	2535	2163877.856									
1000	2536	2163877.856									
1000	2537	2164055.203	1212-11-10 16:52:33	0.747657472	1.294042528	0.762086541º	1.302972763º	224.8233777	56.7390885	0.985656051	Umbral
1000	2538	2164055.203									
1000	2539	2164055.203									
1000	2540	2164055.203									
1000	2541	2164055.203									
1000	2542	2164055.203									
1000	2543	2164202.47	1213-04-06 23:16:25	0.738894188	1.302805812	0.714783612º	1.244323813º	229.0478733	59.81190812	1.00677489	Penumbral
1000	2544	2164202.47									
1000	2545	2164202.47									

1000	2546	2164202.47									
1000	2547	2164202.47									
1000	2548	2164231.968	1213-05-06 11:14:22	0.733056804	1.308643196	0.689871238º	1.215926808º	230.3189975	61.4880505	1.013443841	Penumbral
1000	2549	2164380.11	1213-10-01 14:38:51	0.728088683	1.313611317	0.686303755º	1.222071519º	225.8153193	61.40766946	0.995072519	Penumbral
1000	2550	2164380.11									
1000	2551	2164380.11									
1000	2552	2164380.11									
1000	2553	2164380.11									
1000	2554	2164409.704	1213-10-31 04:53:31	0.734354313	1.307345687	0.712338985º	1.252114488º	224.5300453	59.65159393	0.987684277	Penumbral
1000	2555	2164556.995	1214-03-27 11:52:32	0.751698018	1.290001982	0.764393046º	1.295509247º	229.0452365	56.87899446	1.003787453	Umbral
1000	2556	2164556.995									
1000	2557	2164556.995									
1000	2558	2164556.995									
1000	2559	2164586.368	1214-04-25 20:50:15	0.747541685	1.294158315	0.742582734º	1.269753396º	230.6087835	58.22552459	1.011300165	Grazing
1000	2560	2164734.194	1214-09-20 16:39:10	0.718654422	1.323045578	0.654561085º	1.188598884º	225.9847485	63.58546113	0.998295962	Umbral
1000	2561	2164734.194									
1000	2562	2164734.194									
1000	2563	2164734.194									
1000	2564	2164734.194									
1000	2565	2164911.675	1215-03-17 04:12:26	0.755043303	1.286656697	0.779963273º	1.312704789º	228.5305786	55.98683907	1.000725045	Total
1000	2566	2164911.675									
1000	2567	2164911.675									
1000	2568	2164911.675									
1000	2569	2164911.675									
1000	2570	2164911.675									
1000	2571	2165088.195	1215-09-09 16:40:28	0.722884838	1.318815162	0.665633043º	1.197924635º	226.9144237	62.88717499	1.001570918	Total
1000	2572	2165088.195									
1000	2573	2165088.195									
1000	2574	2165088.195									
1000	2575	2165088.195									
1000	2576	2165088.195									
1000	2577	2165266.318	1216-03-05 19:37:58	0.746292307	1.295407693	0.74825656º	1.28265436º	227.3765887	57.69365794	0.997623451	Umbral
1000	2578	2165266.318									
1000	2579	2165266.318									
1000	2580	2165266.318									
1000	2581	2165266.318									
1000	2582	2165266.318									
1000	2583	2165442.416	1216-08-28 21:58:30	0.737840448	1.303859552	0.712602759º	1.243229837º	228.511384	59.91260008	1.004712727	Umbral
1000	2584	2165442.416									
1000	2585	2165442.416									
1000	2586	2165442.416									
1000	2587	2165442.416									
1000	2588	2165591.078	1217-01-24 13:51:49	0.720583237	1.321116763	0.66763051º	1.207604251º	223.6486083	62.49693552	0.987321674	Penumbral
1000	2589	2165591.078									

1000	2590	2165591.078									
1000	2591	2165591.078									
1000	2592	2165591.078									
1000	2593	2165620.737	1217-02-23 05:41:20	0.730075062	1.311624938	0.693513415º	1.229564513º	225.7335742	60.93711167	0.994546564	Penumbral
1000	2594	2165767.62	1217-07-20 02:52:40	0.757736524	1.283963476	0.780304743º	1.306093172º	231.7601074	56.15375667	1.013958748	Penumbral
1000	2595	2165767.62									
1000	2596	2165767.62									
1000	2597	2165767.62									
1000	2598	2165767.62									
1000	2599	2165796.939	1217-08-18 10:32:53	0.752422269	1.289277731	0.764049451º	1.293141657º	230.0166746	56.95361234	1.007627352	Penumbral
1000	2600	2165945.069	1218-01-13 13:39:59	0.714304791	1.327395209	0.649548693º	1.19061564º	222.9153866	63.69146586	0.985326827	Umbral
1000	2601	2165945.069									
1000	2602	2165945.069									
1000	2603	2165945.069									
1000	2604	2165945.069									
1000	2605	2166122.334	1218-07-09 20:00:30	0.756417761	1.285282239	0.773726394º	1.298730543º	232.0589624	56.53213229	1.015473456	Umbral
1000	2606	2166122.334									
1000	2607	2166122.334									
1000	2608	2166122.334									
1000	2609	2166122.334									
1000	2610	2166122.334									
1000	2611	2166299.093	1219-01-02 14:13:33	0.72258133	1.31911867	0.675877699º	1.217729097º	223.069972	61.88961292	0.983900347	Total
1000	2612	2166299.093									
1000	2613	2166299.093									
1000	2614	2166299.093									
1000	2615	2166299.093									
1000	2616	2166476.926	1219-06-29 10:13:34	0.744709019	1.296990981	0.728120777º	1.252606108º	231.6958253	59.15614942	1.016477957	Total
1000	2617	2166476.926									
1000	2618	2166476.926									
1000	2619	2166476.926									
1000	2620	2166476.926									
1000	2621	2166476.926									
1000	2622	2166653.396	1219-12-22 21:30:25	0.738289903	1.303410097	0.729136102º	1.271412911º	223.7862582	58.57342592	0.983128485	Umbral
1000	2623	2166653.396									
1000	2624	2166653.396									
1000	2625	2166653.396									
1000	2626	2166653.396									
1000	2627	2166653.396									
1000	2628	2166801.66	1220-05-19 03:49:56	0.724909427	1.316790573	0.662232282º	1.187281266º	230.3166161	63.3636505	1.015386742	Grazing
1000	2629	2166801.66									
1000	2630	2166801.66									
1000	2631	2166801.66									
1000	2632	2166801.66									
1000	2633	2166831.241	1220-06-17 17:47:19	0.730213253	1.311486747	0.678016737º	1.202256613º	230.9913505	62.32426342	1.016953884	Penumbral

1000	2634	2166978.521	1220-11-12 00:30:35	0.751487424	1.290212576	0.777250831º	1.318219371º	224.9668568	55.91381349	0.985506067	Penumbral
1000	2635	2166978.521									
1000	2636	2166978.521									
1000	2637	2166978.521									
1000	2638	2166978.521									
1000	2639	2167007.961	1220-12-11 11:03:30	0.749542124	1.292157876	0.771352627º	1.31371288º	224.3376663	56.19380505	0.982977227	Penumbral
1000	2640	2167155.681	1221-05-08 04:20:44	0.724952904	1.316747096	0.663529745º	1.189445582º	229.9224958	63.24524645	1.013713109	Total Penumbral
1000	2641	2167155.681									
1000	2642	2167155.681									
1000	2643	2167155.681									
1000	2644	2167185.302	1221-06-06 19:15:10	0.723853057	1.317846943	0.657846474º	1.182148205º	230.6248959	63.69204266	1.016833906	Grazing
1000	2645	2167333.15	1221-11-01 15:36:07	0.744862522	1.296837478	0.750219616º	1.290141699º	225.0581159	57.42724571	0.987416138	Umbral
1000	2646	2167333.15									
1000	2647	2167333.15									
1000	2648	2167333.15									
1000	2649	2167333.15									
1000	2650	2167509.861	1222-04-27 08:40:01	0.736765101	1.304934899	0.703797746º	1.230813131º	230.0769525	60.57036552	1.01159813	Total
1000	2651	2167509.861									
1000	2652	2167509.861									
1000	2653	2167509.861									
1000	2654	2167509.861									
1000	2655	2167509.861									
1000	2656	2167687.581	1222-10-22 01:55:57	0.730241886	1.311458114	0.696945521º	1.235594567º	224.7670794	60.63876506	0.989749786	Total
1000	2657	2167687.581									
1000	2658	2167687.581									
1000	2659	2167687.581									
1000	2660	2167687.581									
1000	2661	2167687.581									
1000	2662	2167864.338	1223-04-16 20:06:44	0.750627984	1.291072016	0.756038282º	1.284323312º	230.2491922	57.42424138	1.009166923	Umbral
1000	2663	2167864.338									
1000	2664	2167864.338									
1000	2665	2167864.338									
1000	2666	2167864.338									
1000	2667	2168041.712	1223-10-11 05:05:11	0.718306992	1.323393008	0.657103519º	1.194237351º	224.7093739	63.30473323	0.992541796	Umbral
1000	2668	2168041.712									
1000	2669	2168041.712									
1000	2670	2168041.712									
1000	2671	2168041.712									
1000	2672	2168041.712									
1000	2673	2168189.664	1224-03-07 03:56:30	0.753257017	1.288442983	0.774906637º	1.309078644º	227.8252377	56.22097821	0.998045144	Penumbral
1000	2674	2168189.664									
1000	2675	2168189.664									
1000	2676	2168189.664									
1000	2677	2168189.664									

1000	2678	2168219.01	1224-04-05 12:14:33	0.756595223	1.285104777	0.781845924º	1.311556621º	229.9036681	55.96641082	1.006450844	Penumbral
1000	2679	2168366.028	1224-08-30 12:39:50	0.727009908	1.314690092	0.676841972º	1.207701975º	227.7695665	62.18468086	1.00427189	Penumbral
1000	2680	2168366.028									
1000	2681	2168366.028									
1000	2682	2168366.028									
1000	2683	2168366.028									
1000	2684	2168395.693	1224-09-29 04:37:30	0.71912074	1.32257926	0.657766572º	1.193212873º	225.4026115	63.31659774	0.995669923	Penumbral
1000	2685	2168544.259	1225-02-24 18:12:17	0.741539581	1.300160419	0.732717345º	1.268539166º	226.5128593	58.55094136	0.994972129	Umbral
1000	2686	2168544.259									
1000	2687	2168544.259									
1000	2688	2168544.259									
1000	2689	2168544.259									
1000	2690	2168573.688	1225-03-26 04:30:54	0.75055151	1.29114849	0.760148774º	1.291417592º	228.9213948	57.11066772	1.003499095	Grazing
1000	2691	2168720.341	1225-08-19 20:10:26	0.743003902	1.298696098	0.728999771º	1.258273449º	229.4035926	58.96212926	1.007281866	Umbral
1000	2692	2168720.341									
1000	2693	2168720.341									
1000	2694	2168720.341									
1000	2695	2168898.587	1226-02-14 02:05:36	0.725029718	1.316670282	0.67876292º	1.216220337º	224.8874665	61.84323212	0.991944221	Total
1000	2696	2168898.587									
1000	2697	2168898.587									
1000	2698	2168898.587									
1000	2699	2168898.587									
1000	2700	2168898.587									
1000	2701	2169074.932	1226-08-09 10:22:28	0.755448644	1.286251356	0.774248112º	1.302111629º	230.7067717	56.42634851	1.009972768	Total
1000	2702	2169074.932									
1000	2703	2169074.932									
1000	2704	2169074.932									
1000	2705	2169074.932									
1000	2706	2169074.932									
1000	2707	2169252.627	1227-02-03 03:02:12	0.715476163	1.326223837	0.6507188º	1.189684843º	223.8015623	63.68249707	0.989167657	Umbral
1000	2708	2169252.627									
1000	2709	2169252.627									
1000	2710	2169252.627									
1000	2711	2169252.627									
1000	2712	2169252.627									
1000	2713	2169400.335	1227-06-30 20:02:24	0.75410609	1.28759391	0.763748136º	1.288263797º	232.1729541	57.09651974	1.016419178	Grazing
1000	2714	2169400.335									
1000	2715	2169400.335									
1000	2716	2169400.335									
1000	2717	2169400.335									
1000	2718	2169429.641	1227-07-30 03:22:25	0.756993995	1.284706005	0.778773103º	1.305442017º	231.295434	56.21291317	1.012263613	Umbral
1000	2719	2169576.925	1227-12-24 10:11:36	0.726770628	1.314929372	0.68985497º	1.232095576º	223.1413875	60.97474116	0.983194125	Penumbral
1000	2720	2169576.925									
1000	2721	2169576.925									

1000	2722	2169576.925									
1000	2723	2169606.619	1228-01-23 02:51:40	0.720296433	1.321403567	0.666783382º	1.207019512º	223.5907706	62.54489455	0.986842138	Penumbral
1000	2724	2169754.864	1228-06-19 08:43:33	0.740500997	1.301199003	0.712710456º	1.236953933º	231.5794648	60.10080114	1.016946897	Penumbral
1000	2725	2169754.864									
1000	2726	2169754.864									
1000	2727	2169754.864									
1000	2728	2169754.864									
1000	2729	2169784.27	1228-07-18 18:28:59	0.747297716	1.294402284	0.739559187º	1.265234595º	231.2535142	58.44468482	1.014176752	Penumbral
1000	2730	2169931.314	1228-12-12 19:32:07	0.742438614	1.299261386	0.744362939º	1.286730321º	223.9625414	57.69053761	0.982964308	Umbral
1000	2731	2169931.314									
1000	2732	2169931.314									
1000	2733	2169931.314									
1000	2734	2169931.314									
1000	2735	2170109.095	1229-06-08 14:16:15	0.72714495	1.31455505	0.668196848º	1.192474387º	230.8065147	62.98249609	1.016880828	Total
1000	2736	2170109.095									
1000	2737	2170109.095									
1000	2738	2170109.095									
1000	2739	2170109.095									
1000	2740	2170109.095									
1000	2741	2170285.923	1229-12-02 10:09:20	0.750809754	1.290890246	0.77610396º	1.318276485º	224.4732956	55.94326669	0.983317585	Total
1000	2742	2170285.923									
1000	2743	2170285.923									
1000	2744	2170285.923									
1000	2745	2170285.923									
1000	2746	2170285.923									
1000	2747	2170463.125	1230-05-28 14:59:39	0.724401134	1.317298866	0.659990028º	1.184592º	230.5076226	63.53334057	1.016251951	Total
1000	2748	2170463.125									
1000	2749	2170463.125									
1000	2750	2170463.125									
1000	2751	2170463.125									
1000	2752	2170640.567	1230-11-22 01:35:51	0.746783135	1.294916865	0.759777292º	1.301450775º	224.4653896	56.84499124	0.984223512	Umbral
1000	2753	2170640.567									
1000	2754	2170640.567									
1000	2755	2170640.567									
1000	2756	2170640.567									
1000	2757	2170640.567									
1000	2758	2170787.776	1231-04-18 06:37:44	0.740584819	1.301115181	0.718751666º	1.246874573º	229.7724891	59.61268389	1.009476717	Grazing
1000	2759	2170787.776									
1000	2760	2170787.776									
1000	2761	2170787.776									
1000	2762	2170787.776									
1000	2763	2170817.254	1231-05-17 18:05:52	0.73443748	1.30726252	0.693284745º	1.218489324º	230.7898603	61.29512812	1.015085928	Penumbral
1000	2764	2170965.435	1231-10-12 22:26:40	0.726449068	1.315250932	0.682889396º	1.220234271º	225.0846344	61.57801042	0.992151974	Penumbral
1000	2765	2170965.435									

1000	2766	2170965.435									
1000	2767	2170965.435									
1000	2768	2170965.435									
1000	2769	2170995.051	1231-11-11 13:13:45	0.732972215	1.308727785	0.708907188º	1.249760738º	224.0306085	59.828523	0.985715594	Penumbral
1000	2770	2171142.321	1232-04-06 19:42:12	0.753008967	1.288691033	0.767260306º	1.296806911º	229.7935094	56.76356944	1.006762714	Umbral
1000	2771	2171142.321									
1000	2772	2171142.321									
1000	2773	2171142.321									
1000	2774	2171142.321									
1000	2775	2171171.676	1232-05-06 04:13:20	0.748943348	1.292756652	0.746213315º	1.2722899º	231.1848031	58.04693413	1.013403358	Grazing
1000	2776	2171319.5	1232-10-01 00:00:23	0.717521444	1.324178556	0.653083917º	1.18878616º	225.2383129	63.63063174	0.995194224	Umbral
1000	2777	2171319.5									
1000	2778	2171319.5									
1000	2779	2171319.5									
1000	2780	2171497.011	1233-03-27 12:15:36	0.755666209	1.286033791	0.780059642º	1.311150267º	229.271666	56.02555961	1.003835791	Total
1000	2781	2171497.011									
1000	2782	2171497.011									
1000	2783	2171497.011									
1000	2784	2171497.011									
1000	2785	2171497.011									
1000	2786	2171673.5	1233-09-19 23:59:53	0.722548788	1.319151212	0.666656242º	1.200621463º	226.188711	62.76208848	0.998431652	Total
1000	2787	2171673.5									
1000	2788	2171673.5									
1000	2789	2171673.5									
1000	2790	2171673.5									
1000	2791	2171673.5									
1000	2792	2171851.652	1234-03-17 03:38:48	0.746357257	1.295342743	0.746183285º	1.278912059º	228.0878855	57.85928712	1.000748981	Umbral
1000	2793	2171851.652									
1000	2794	2171851.652									
1000	2795	2171851.652									
1000	2796	2171851.652									
1000	2797	2171851.652									
1000	2798	2172027.732	1234-09-09 05:34:36	0.737910663	1.303789337	0.71505263º	1.247291274º	227.8139177	59.71377775	1.001670554	Umbral
1000	2799	2172027.732									
1000	2800	2172027.732									
1000	2801	2172027.732									
1000	2802	2172027.732									
1000	2803	2172027.732									
1000	2804	2172176.408	1235-02-04 21:47:13	0.720616953	1.321083047	0.666288588º	1.205010549º	224.1459378	62.62832849	0.989615825	Penumbral
1000	2805	2172176.408									
1000	2806	2172176.408									
1000	2807	2172176.408									
1000	2808	2172206.061	1235-03-06 13:27:09	0.730074702	1.311625298	0.691450621º	1.225866388º	226.4115695	61.12018302	0.99758991	Penumbral
1000	2809	2172352.937	1235-07-31 10:29:00	0.757480619	1.284219381	0.780896747º	1.307701071º	231.2721465	56.09473003	1.01200342	Penumbral

1000	2810	2172352.937									
1000	2811	2172352.937									
1000	2812	2172352.937									
1000	2813	2172352.937									
1000	2814	2172382.265	1235-08-29 18:21:35	0.752258935	1.289441065	0.765674355º	1.296292258º	229.3328993	56.8217966	1.004730097	Penumbral
1000	2815	2172530.397	1236-01-24 21:32:07	0.71496528	1.32673472	0.650395908º	1.190439286º	223.3491239	63.66787006	0.987194362	Umbral
1000	2816	2172530.397									
1000	2817	2172530.397									
1000	2818	2172530.397									
1000	2819	2172530.397									
1000	2820	2172560.164	1236-02-23 15:55:29	0.717875011	1.323824989	0.654762695º	1.190875207º	225.0593737	63.50052621	0.994432634	Grazing
1000	2821	2172707.645	1236-07-20 03:29:11	0.755529798	1.286170202	0.771425952º	1.297216057º	231.6443653	56.63681518	1.013955517	Umbral
1000	2822	2172707.645									
1000	2823	2172707.645									
1000	2824	2172707.645									
1000	2825	2172707.645									
1000	2826	2172884.434	1237-01-12 22:25:26	0.723707015	1.317992985	0.678598487º	1.219715552º	223.4210825	61.73553941	0.985235565	Total
1000	2827	2172884.434									
1000	2828	2172884.434									
1000	2829	2172884.434									
1000	2830	2172884.434									
1000	2831	2172884.434									
1000	2832	2173062.222	1237-07-09 17:19:08	0.743475117	1.298224883	0.724457202º	1.24946507º	231.3788529	59.36069586	1.015466262	Total
1000	2833	2173062.222									
1000	2834	2173062.222									
1000	2835	2173062.222									
1000	2836	2173062.222									
1000	2837	2173238.756	1238-01-02 06:08:07	0.739268721	1.302431279	0.732103597º	1.273971819º	224.0055176	58.41157368	0.983869798	Umbral
1000	2838	2173238.756									
1000	2839	2173238.756									
1000	2840	2173238.756									
1000	2841	2173238.756									
1000	2842	2173238.756									
1000	2843	2173386.929	1238-05-30 10:18:01	0.724857611	1.316842389	0.661304852º	1.185821473º	230.5710438	63.44558046	1.016417319	Grazing
1000	2844	2173386.929									
1000	2845	2173386.929									
1000	2846	2173386.929									
1000	2847	2173386.929									
1000	2848	2173416.516	1238-06-29 00:22:52	0.729329398	1.312370602	0.675488434º	1.199959152º	230.8313566	62.48509847	1.016506279	Umbral
1000	2849	2173563.888	1238-11-23 09:19:11	0.751087922	1.290612078	0.776673635º	1.318421286º	224.6468979	55.92404182	0.984088767	Penumbral
1000	2850	2173563.888									
1000	2851	2173563.888									
1000	2852	2173563.888									
1000	2853	2173563.888									

1000	2854	2173593.33	1238-12-22 19:55:33	0.749870758	1.291829242	0.772509528º	1.314794461º	224.3908216	56.13338582	0.983113758	Penumbral
1000	2855	2173740.954	1239-05-19 10:54:25	0.725931229	1.315768771	0.665504667º	1.190590671º	230.3533513	63.138409	1.015315157	Penumbral
1000	2856	2173740.954									
1000	2857	2173740.954									
1000	2858	2173740.954									
1000	2859	2173740.954									
1000	2860	2173770.568	1239-06-18 01:37:24	0.723949348	1.317750652	0.658081112º	1.182300577º	230.6565987	63.67858913	1.016993479	Grazing
1000	2861	2173918.508	1239-11-13 00:11:19	0.743720137	1.297979863	0.747276929º	1.288248255º	224.5896841	57.56427387	0.98550099	Umbral
1000	2862	2173918.508									
1000	2863	2173918.508									
1000	2864	2173918.508									
1000	2865	2174095.155	1240-05-07 15:43:39	0.738299961	1.303400039	0.707575948º	1.23353306º	230.6484025	60.36681144	1.013633556	Total
1000	2866	2174095.155									
1000	2867	2174095.155									
1000	2868	2174095.155									
1000	2869	2174095.155									
1000	2870	2174095.155									
1000	2871	2174272.919	1240-11-01 10:03:50	0.728746595	1.312953405	0.693531552º	1.233437593º	224.1773806	60.81486967	0.987445478	Total
1000	2872	2174272.919									
1000	2873	2174272.919									
1000	2874	2174272.919									
1000	2875	2174272.919									
1000	2876	2174272.919									
1000	2877	2174449.653	1241-04-27 03:40:15	0.751965856	1.289734144	0.759282059º	1.286323881º	230.8948477	57.27637072	1.011547387	Total
1000	2878	2174449.653									
1000	2879	2174449.653									
1000	2880	2174449.653									
1000	2881	2174449.653									
1000	2882	2174449.653									
1000	2883	2174627.031	1241-10-21 12:44:52	0.717125586	1.324574414	0.655212508º	1.193779418º	224.0575732	63.38581176	0.989900732	Umbral
1000	2884	2174627.031									
1000	2885	2174627.031									
1000	2886	2174627.031									
1000	2887	2174627.031									
1000	2888	2174627.031									
1000	2889	2174775.004	1242-03-18 12:05:13	0.753693963	1.288006037	0.774219021º	1.30674769º	228.5596135	56.30230632	1.001125027	Penumbral
1000	2890	2174775.004									
1000	2891	2174775.004									
1000	2892	2174775.004									
1000	2893	2174804.336	1242-04-16 20:04:00	0.757305047	1.284394953	0.782513841º	1.310809924º	230.5833271	55.96817574	1.009145809	Penumbral
1000	2894	2174951.332	1242-09-10 19:57:42	0.726866603	1.314833397	0.678504313º	1.210966164º	227.0566766	62.02262131	1.001250656	Grazing
1000	2895	2174951.332									
1000	2896	2174951.332									
1000	2897	2174951.332									

1000	2898	2174951.332									
1000	2899	2174981.007	1242-10-10 12:09:41	0.718667126	1.323032874	0.658271959º	1.195283619º	224.7273038	63.22886159	0.992767601	Penumbral
1000	2900	2175129.594	1243-03-08 02:14:41	0.741513494	1.300186506	0.73042272º	1.264610406º	227.1966392	58.73357843	0.998015851	Umbral
1000	2901	2175129.594									
1000	2902	2175129.594									
1000	2903	2175129.594									
1000	2904	2175129.594									
1000	2905	2175159.014	1243-04-06 12:20:22	0.750666142	1.291033858	0.75828647º	1.287999497º	229.617519	57.25797737	1.006446416	Grazing
1000	2906	2175305.657	1243-08-31 03:46:26	0.743099395	1.298600605	0.731517272º	1.262331474º	228.7317184	58.76763954	1.004358542	Umbral
1000	2907	2175305.657									
1000	2908	2175305.657									
1000	2909	2175305.657									
1000	2910	2175305.657									
1000	2911	2175483.911	1244-02-25 09:51:41	0.725099968	1.316600032	0.677111799º	1.21297844º	225.5271028	62.00325543	0.994888908	Total
1000	2912	2175483.911									
1000	2913	2175483.911									
1000	2914	2175483.911									
1000	2915	2175483.911									
1000	2916	2175660.256	1244-08-19 18:08:03	0.755172097	1.286527903	0.775264055º	1.304554054º	230.0634982	56.33266694	1.007250804	Total
1000	2917	2175660.256									
1000	2918	2175660.256									
1000	2919	2175660.256									
1000	2920	2175660.256									
1000	2921	2175660.256									
1000	2922	2175837.945	1245-02-13 10:41:16	0.716172763	1.325527237	0.651203046º	1.188721318º	224.4078082	63.69867006	0.991831917	Umbral
1000	2923	2175837.945									
1000	2924	2175837.945									
1000	2925	2175837.945									
1000	2926	2175837.945									
1000	2927	2175837.945									
1000	2928	2176014.96	1245-08-09 11:01:57	0.756067587	1.285632413	0.776915798º	1.304815841º	230.6938591	56.28042713	1.009902887	Umbral
1000	2929	2176014.96									
1000	2930	2176014.96									
1000	2931	2176014.96									
1000	2932	2176014.96									
1000	2933	2176014.96									
1000	2934	2176162.273	1246-01-03 18:33:00	0.727828881	1.313871119	0.692767718º	1.234536819º	223.3845137	60.80479825	0.984049804	Penumbral
1000	2935	2176162.273									
1000	2936	2176162.273									
1000	2937	2176162.273									
1000	2938	2176162.273									
1000	2939	2176191.95	1246-02-02 10:48:10	0.721591397	1.320108603	0.669413246º	1.208426598º	224.1451599	62.40972216	0.989080838	Penumbral
1000	2940	2176340.153	1246-06-30 15:39:38	0.739375889	1.302324111	0.709194425º	1.233723148º	231.3828481	60.31007926	1.016393868	Penumbral
1000	2941	2176340.153									

1000	2942	2176340.153									
1000	2943	2176340.153									
1000	2944	2176369.574	1246-07-30 01:46:44	0.745885155	1.295814845	0.735826824º	1.262503286º	230.7148597	58.63443154	1.012249106	Penumbral
1000	2945	2176516.678	1246-12-24 04:16:11	0.743178599	1.298521401	0.746913229º	1.289160044º	224.0569294	57.54907191	0.983182866	Umbral
1000	2946	2176516.678									
1000	2947	2176516.678									
1000	2948	2176516.678									
1000	2949	2176516.678									
1000	2950	2176694.365	1247-06-19 20:45:08	0.726597507	1.315102493	0.666444734º	1.1906818º	230.7851716	63.10299873	1.016959334	Umbral
1000	2951	2176694.365									
1000	2952	2176694.365									
1000	2953	2176694.365									
1000	2954	2176694.365									
1000	2955	2176694.365									
1000	2956	2176871.293	1247-12-13 19:02:22	0.750824311	1.290875689	0.776396992º	1.318782554º	224.4007842	55.92193371	0.98293136	Total
1000	2957	2176871.293									
1000	2958	2176871.293									
1000	2959	2176871.293									
1000	2960	2176871.293									
1000	2961	2176871.293									
1000	2962	2177048.392	1248-06-07 21:24:45	0.724902185	1.316797815	0.661138015º	1.185416905º	230.679683	63.46518796	1.016878207	Total
1000	2963	2177048.392									
1000	2964	2177048.392									
1000	2965	2177048.392									
1000	2966	2177048.392									
1000	2967	2177048.392									
1000	2968	2177225.932	1248-12-02 10:21:55	0.746017147	1.295682853	0.757499512º	1.299685495º	224.2298964	56.95709822	0.983293178	Umbral
1000	2969	2177225.932									
1000	2970	2177225.932									
1000	2971	2177225.932									
1000	2972	2177225.932									
1000	2973	2177373.079	1249-04-28 13:54:06	0.742190204	1.299509796	0.722680674º	1.249561732º	230.4243116	59.41189123	1.011856035	Grazing
1000	2974	2177373.079									
1000	2975	2177373.079									
1000	2976	2177373.079									
1000	2977	2177373.079									
1000	2978	2177402.539	1249-05-28 00:55:36	0.735694466	1.306005534	0.696667881º	1.221283097º	231.1380001	61.09707357	1.016226297	Penumbral
1000	2979	2177550.765	1249-10-23 06:21:17	0.724911294	1.316788706	0.679661694º	1.21843619º	224.4222254	61.74189029	0.989519329	Penumbral
1000	2980	2177550.765									
1000	2981	2177550.765									
1000	2982	2177550.765									
1000	2983	2177550.765									
1000	2984	2177580.401	1249-11-21 21:37:52	0.731724739	1.309975261	0.705643154º	1.247308388º	223.6441847	60.00429967	0.9842385	Penumbral
1000	2985	2177727.643	1250-04-18 03:25:38	0.754231697	1.287468303	0.769951806º	1.298086194º	230.4907662	56.65398131	1.009454772	Umbral

1000	2986	2177727.643									
1000	2987	2177727.643									
1000	2988	2177727.643									
1000	2989	2177727.643									
1000	2990	2177756.981	1250-05-17 11:33:14	0.750206664	1.291493336	0.749691857º	1.274905054º	231.6519635	57.87159879	1.015069273	Grazing
1000	2991	2177904.813	1250-10-12 07:30:13	0.716487811	1.325212189	0.651814226º	1.189067173º	224.5397553	63.6653847	0.992321737	Umbral
1000	2992	2177904.813									
1000	2993	2177904.813									
1000	2994	2177904.813									
1000	2995	2177904.813									
1000	2996	2178082.341	1251-04-07 20:11:04	0.756215552	1.285484448	0.779930391º	1.309480313º	229.9850926	56.07353241	1.006756408	Total
1000	2997	2178082.341									
1000	2998	2178082.341									
1000	2999	2178082.341									
1000	3000	2178082.341									
1000	3001	2178258.812	1251-10-01 07:29:27	0.722263168	1.319436832	0.667784451º	1.20338903º	225.4862034	62.63159005	0.995375691	Total
1000	3002	2178258.812									
1000	3003	2178258.812									
1000	3004	2178258.812									
1000	3005	2178258.812									
1000	3006	2178258.812									
1000	3007	2178436.979	1252-03-27 11:30:27	0.746387786	1.295312214	0.743983608º	1.275077226º	228.7971599	58.03218552	1.003830134	Umbral
1000	3008	2178436.979									
1000	3009	2178436.979									
1000	3010	2178436.979									
1000	3011	2178436.979									
1000	3012	2178436.979									
1000	3013	2178613.056	1252-09-19 13:20:33	0.737958638	1.303741362	0.717441312º	1.251342393º	227.1101459	59.51845174	0.998551599	Umbral
1000	3014	2178613.056									
1000	3015	2178613.056									
1000	3016	2178613.056									
1000	3017	2178613.056									
1000	3018	2178613.056									
1000	3019	2178761.732	1253-02-15 05:34:12	0.720782413	1.320917587	0.665120402º	1.202393949º	224.7329409	62.75513264	0.992283691	Penumbral
1000	3020	2178761.732									
1000	3021	2178761.732									
1000	3022	2178761.732									
1000	3023	2178761.732									
1000	3024	2178791.377	1253-03-16 21:02:49	0.730107386	1.311592614	0.689412796º	1.222180267º	227.1170346	61.30316538	1.000676293	Penumbral
1000	3025	2178938.258	1253-08-10 18:10:55	0.757080366	1.284619634	0.781208476º	1.309249203º	230.6864245	56.04501652	1.009633823	Penumbral
1000	3026	2178938.258									
1000	3027	2178938.258									
1000	3028	2178938.258									
1000	3029	2178967.596	1253-09-09 02:18:36	0.752018561	1.289681439	0.767115838º	1.299329177º	228.6144659	56.69877627	1.001718179	Penumbral

1000	3030	2179115.721	1254-02-04 05:18:06	0.715800199	1.325899801	0.651489239º	1.190285509º	223.8892755	63.63491205	0.989479339	Umbral
1000	3031	2179115.721									
1000	3032	2179115.721									
1000	3033	2179115.721									
1000	3034	2179115.721									
1000	3035	2179145.472	1254-03-05 23:20:00	0.718511021	1.323188979	0.654732342º	1.189235238º	225.770952	63.55768749	0.997427294	Grazing
1000	3036	2179292.959	1254-07-31 11:01:17	0.754487326	1.287212674	0.768885396º	1.295704598º	231.1156859	56.7484782	1.01197484	Umbral
1000	3037	2179292.959									
1000	3038	2179292.959									
1000	3039	2179292.959									
1000	3040	2179292.959									
1000	3041	2179469.773	1255-01-24 06:33:40	0.724996964	1.316703036	0.681548151º	1.221656427º	223.8895897	61.57620418	0.987075743	Total
1000	3042	2179469.773									
1000	3043	2179469.773									
1000	3044	2179469.773									
1000	3045	2179469.773									
1000	3046	2179469.773									
1000	3047	2179647.518	1255-07-21 00:26:06	0.742095221	1.299604779	0.720680631º	1.246478285º	230.9350548	59.56548378	1.01394096	Total
1000	3048	2179647.518									
1000	3049	2179647.518									
1000	3050	2179647.518									
1000	3051	2179647.518									
1000	3052	2179647.518									
1000	3053	2179824.114	1256-01-13 14:43:41	0.740377017	1.301322983	0.73520134º	1.276329997º	224.3492305	58.25257174	0.98521446	Umbral
1000	3054	2179824.114									
1000	3055	2179824.114									
1000	3056	2179824.114									
1000	3057	2179824.114									
1000	3058	2179972.197	1256-06-09 16:43:09	0.724691214	1.317008786	0.660398606º	1.184661947º	230.6900941	63.51671471	1.016908367	Grazing
1000	3059	2179972.197									
1000	3060	2179972.197									
1000	3061	2179972.197									
1000	3062	2179972.197									
1000	3063	2180001.791	1256-07-09 06:58:48	0.72832066	1.31337934	0.672945296º	1.197952598º	230.5356689	62.63759237	1.015467357	Umbral
1000	3064	2180149.257	1256-12-03 18:10:44	0.750786366	1.290913634	0.776094347º	1.318297552º	224.4510301	55.94296755	0.983261945	Penumbral
1000	3065	2180149.257									
1000	3066	2180149.257									
1000	3067	2180149.257									
1000	3068	2180149.257									
1000	3069	2180178.699	1257-01-02 04:46:33	0.750307228	1.291392772	0.773700716º	1.315536089º	224.57413	56.08122689	0.983929445	Penumbral
1000	3070	2180326.226	1257-05-29 17:25:39	0.726804157	1.314895843	0.667494421º	1.192044248º	230.6596942	63.02103625	1.016352976	Penumbral
1000	3071	2180326.226									
1000	3072	2180326.226									
1000	3073	2180326.226									

1000	3074	2180326.226									
1000	3075	2180355.834	1257-06-28 08:00:22	0.72392907	1.31777093	0.658323383º	1.182791313º	230.5478687	63.65325126	1.016511682	Grazing
1000	3076	2180503.868	1257-11-23 08:50:23	0.742684761	1.299015239	0.74440976º	1.28615383º	224.2347712	57.7054593	0.984095271	Umbral
1000	3077	2180503.868									
1000	3078	2180503.868									
1000	3079	2180503.868									
1000	3080	2180503.868									
1000	3081	2180680.448	1258-05-18 22:44:27	0.739716228	1.301983772	0.711313684º	1.236432856º	231.1101395	60.16036715	1.015251025	Total
1000	3082	2180680.448									
1000	3083	2180680.448									
1000	3084	2180680.448									
1000	3085	2180680.448									
1000	3086	2180858.262	1258-11-12 18:16:42	0.727384716	1.314315284	0.690289668º	1.23126117º	223.6893074	60.98708772	0.98550067	Total
1000	3087	2180858.262									
1000	3088	2180858.262									
1000	3089	2180858.262									
1000	3090	2180858.262									
1000	3091	2180858.262									
1000	3092	2181034.965	1259-05-08 11:09:23	0.753175974	1.288524026	0.762376091º	1.288325696º	231.447698	57.13344449	1.013648023	Total
1000	3093	2181034.965									
1000	3094	2181034.965									
1000	3095	2181034.965									
1000	3096	2181034.965									
1000	3097	2181034.965									
1000	3098	2181212.355	1259-11-01 20:31:34	0.716091023	1.325608977	0.653524294º	1.193403426º	223.4927843	63.45725027	0.987494693	Umbral
1000	3099	2181212.355									
1000	3100	2181212.355									
1000	3101	2181212.355									
1000	3102	2181212.355									
1000	3103	2181212.355									
1000	3104	2181360.337	1260-03-28 20:05:38	0.754081645	1.287618355	0.773367743º	1.304247572º	229.2884357	56.39292142	1.004234384	Penumbral
1000	3105	2181360.337									
1000	3106	2181360.337									
1000	3107	2181360.337									
1000	3108	2181360.337									
1000	3109	2181536.643	1260-09-21 03:25:47	0.726735691	1.314964309	0.680189708º	1.214326516º	226.3436796	61.85752373	0.998110914	Grazing
1000	3110	2181536.643									
1000	3111	2181536.643									
1000	3112	2181536.643									
1000	3113	2181536.643									
1000	3114	2181566.327	1260-10-20 19:51:05	0.71832642	1.32337358	0.658920463º	1.197419295º	224.1195646	63.13424926	0.990025875	Penumbral
1000	3115	2181714.922	1261-03-18 10:07:31	0.7414867	1.3002133	0.728061119º	1.260595111º	227.9016961	58.921912	1.001115019	Umbral
1000	3116	2181714.922									
1000	3117	2181714.922									

1000	3118	2181714.922									
1000	3119	2181714.922									
1000	3120	2181744.334	1261-04-16 20:01:35	0.750690654	1.291009346	0.756230358º	1.284518064º	230.263307	57.4133325	1.00916181	Grazing
1000	3121	2181890.98	1261-09-10 11:31:43	0.743137543	1.298562457	0.733936819º	1.26634649º	228.0295782	58.57858107	1.001348786	Umbral
1000	3122	2181890.98									
1000	3123	2181890.98									
1000	3124	2181890.98									
1000	3125	2181890.98									
1000	3126	2182069.228	1262-03-07 17:27:50	0.725241885	1.316458115	0.675521201º	1.209780232º	226.2165227	62.1606593	0.997882575	Total
1000	3127	2182069.228									
1000	3128	2182069.228									
1000	3129	2182069.228									
1000	3130	2182069.228									
1000	3131	2182069.228									
1000	3132	2182245.584	1262-08-31 02:01:02	0.754793528	1.286906472	0.776078556º	1.306868613º	229.363911	56.24822523	1.004404227	Total
1000	3133	2182245.584									
1000	3134	2182245.584									
1000	3135	2182245.584									
1000	3136	2182245.584									
1000	3137	2182423.258	1263-02-24 18:11:54	0.71699927	1.32470073	0.651866532º	1.187849768º	225.086976	63.70540628	0.994672486	Umbral
1000	3138	2182423.258									
1000	3139	2182423.258									
1000	3140	2182423.258									
1000	3141	2182423.258									
1000	3142	2182423.258									
1000	3143	2182600.283	1263-08-20 18:47:00	0.755020694	1.286679306	0.774847573º	1.30412899º	230.0146083	56.35551837	1.007267137	Umbral
1000	3144	2182600.283									
1000	3145	2182600.283									
1000	3146	2182600.283									
1000	3147	2182600.283									
1000	3148	2182600.283									
1000	3149	2182747.62	1264-01-15 02:52:08	0.729048125	1.312651875	0.695879914º	1.236889485º	223.7527172	60.63223057	0.985431324	Penumbral
1000	3150	2182747.62									
1000	3151	2182747.62									
1000	3152	2182747.62									
1000	3153	2182747.62									
1000	3154	2182777.277	1264-02-13 18:38:31	0.723025869	1.318674131	0.672260308º	1.209865306º	224.790007	62.26682293	0.991671914	Penumbral
1000	3155	2182925.442	1264-07-10 22:35:51	0.738103984	1.303596016	0.705593346º	1.230687782º	231.0510278	60.51744235	1.015298852	Penumbral
1000	3156	2182925.442									
1000	3157	2182925.442									
1000	3158	2182925.442									
1000	3159	2182925.442									
1000	3160	2182954.881	1264-08-09 09:08:16	0.744352377	1.297347623	0.731983026º	1.259881046º	230.0792648	58.82554421	1.009906757	Penumbral
1000	3161	2183102.041	1265-01-03 12:59:19	0.744042494	1.297657506	0.749565949º	1.291324969º	224.2805945	57.41278182	0.984068116	Umbral

1000	3162	2183102.041									
1000	3163	2183102.041									
1000	3164	2183102.041									
1000	3165	2183131.554	1265-02-02 01:17:27	0.737752516	1.303947484	0.723180154º	1.262213925º	225.0335073	59.02072132	0.98904337	Grazing
1000	3166	2183279.634	1265-06-30 03:13:29	0.725927219	1.315772781	0.664677056º	1.189214973º	230.6238599	63.21346476	1.016376054	Umbral
1000	3167	2183279.634									
1000	3168	2183279.634									
1000	3169	2183279.634									
1000	3170	2183279.634									
1000	3171	2183456.664	1265-12-24 03:55:32	0.750945761	1.290754239	0.776707902º	1.318938077º	224.4599614	55.90942096	0.98321304	Total
1000	3172	2183456.664									
1000	3173	2183456.664									
1000	3174	2183456.664									
1000	3175	2183456.664									
1000	3176	2183456.664									
1000	3177	2183633.66	1266-06-19 03:49:46	0.725284966	1.316415034	0.662303349º	1.18655826º	230.7120883	63.38580068	1.016924718	Total
1000	3178	2183633.66									
1000	3179	2183633.66									
1000	3180	2183633.66									
1000	3181	2183633.66									
1000	3182	2183633.66									
1000	3183	2183811.298	1266-12-13 19:09:10	0.745367788	1.296332212	0.755278472º	1.297648793º	224.1233193	57.07554662	0.98295898	Umbral
1000	3184	2183811.298									
1000	3185	2183811.298									
1000	3186	2183811.298									
1000	3187	2183811.298									
1000	3188	2183811.298									
1000	3189	2183958.38	1267-05-09 21:06:33	0.743685205	1.298014795	0.726542253º	1.252386154º	230.9820942	59.2104085	1.013851786	Grazing
1000	3190	2183958.38									
1000	3191	2183958.38									
1000	3192	2183958.38									
1000	3193	2183987.823	1267-06-08 07:44:56	0.736813528	1.304886472	0.700006253º	1.22429527º	231.352364	60.89486275	1.016858565	Umbral
1000	3194	2184136.099	1267-11-03 14:21:56	0.72350143	1.31819857	0.676629262º	1.216663065º	223.8475605	61.89937479	0.987211865	Grazing
1000	3195	2184136.099									
1000	3196	2184136.099									
1000	3197	2184136.099									
1000	3198	2184136.099									
1000	3199	2184165.753	1267-12-03 06:04:23	0.730626277	1.311073723	0.702563783º	1.244732588º	223.3813211	60.17912883	0.983324333	Penumbral
1000	3200	2184312.961	1268-04-28 11:03:37	0.755340556	1.286359444	0.772456623º	1.299335274º	231.1135329	56.5507872	1.011860657	Umbral
1000	3201	2184312.961									
1000	3202	2184312.961									
1000	3203	2184312.961									
1000	3204	2184312.961									
1000	3205	2184342.285	1268-05-27 18:51:05	0.751313973	1.290386027	0.752983305º	1.277603106º	231.9947246	57.70035723	1.016217414	Grazing

1000	3206	2184490.131	1268-10-22 15:08:10	0.715581464	1.326118536	0.650733955º	1.189447936º	223.9111914	63.69011127	0.989630484	Umbral
1000	3207	2184490.131									
1000	3208	2184490.131									
1000	3209	2184490.131									
1000	3210	2184490.131									
1000	3211	2184667.666	1269-04-18 03:59:18	0.756665562	1.285034438	0.779570074º	1.307700756º	230.6457613	56.13079726	1.009461854	Total
1000	3212	2184667.666									
1000	3213	2184667.666									
1000	3214	2184667.666									
1000	3215	2184667.666									
1000	3216	2184667.666									
1000	3217	2184844.131	1269-10-11 15:08:55	0.722055224	1.319644776	0.669023932º	1.206202264º	224.8309644	62.49636912	0.992459574	Total
1000	3218	2184844.131									
1000	3219	2184844.131									
1000	3220	2184844.131									
1000	3221	2184844.131									
1000	3222	2185022.301	1270-04-07 19:13:03	0.74635778	1.29534222	0.741639684º	1.271187003º	229.4788273	58.21193035	1.006761359	Umbral
1000	3223	2185022.301									
1000	3224	2185022.301									
1000	3225	2185022.301									
1000	3226	2185022.301									
1000	3227	2185022.301									
1000	3228	2185198.386	1270-09-30 21:16:19	0.738010819	1.303689181	0.719786401º	1.255344186º	226.4252859	59.3271955	0.995462661	Umbral
1000	3229	2185198.386									
1000	3230	2185198.386									
1000	3231	2185198.386									
1000	3232	2185198.386									
1000	3233	2185198.386									
1000	3234	2185347.05	1271-02-26 13:11:51	0.721056193	1.320643807	0.664099354º	1.199793504º	225.3900322	62.87688791	0.995209258	Penumbral
1000	3235	2185347.05									
1000	3236	2185347.05									
1000	3237	2185347.05									
1000	3238	2185347.05									
1000	3239	2185376.686	1271-03-28 04:28:15	0.730146261	1.311553739	0.687407º	1.218520568º	227.8249588	61.48535483	1.003792427	Penumbral
1000	3240	2185523.583	1271-08-22 01:59:15	0.756556815	1.285143185	0.781258088º	1.310717438º	230.0243303	56.00461054	1.00692863	Penumbral
1000	3241	2185523.583									
1000	3242	2185523.583									
1000	3243	2185523.583									
1000	3244	2185523.583									
1000	3245	2185552.933	1271-09-20 10:24:08	0.751727386	1.289972614	0.76835848º	1.302256868º	227.8870094	56.58474643	0.998556635	Penumbral
1000	3246	2185701.039	1272-02-15 12:56:51	0.716787571	1.324912429	0.652820781º	1.190173106º	224.519159	63.59225249	0.992138217	Umbral
1000	3247	2185701.039									
1000	3248	2185701.039									
1000	3249	2185701.039									

1000	3250	2185730.774	1272-03-16 06:34:53	0.719219738	1.322480262	0.654867281º	1.187690316º	226.5125897	63.60591826	1.00057194	Grazing
1000	3251	2185878.276	1272-08-10 18:37:46	0.753309968	1.288390032	0.766130971º	1.294194108º	230.4912817	56.86652546	1.009590975	Umbral
1000	3252	2185878.276									
1000	3253	2185878.276									
1000	3254	2185878.276									
1000	3255	2185878.276									
1000	3256	2186055.109	1273-02-03 14:36:56	0.726432731	1.315267269	0.684712352º	1.223575473º	224.4621134	61.41140203	0.989356585	Total
1000	3257	2186055.109									
1000	3258	2186055.109									
1000	3259	2186055.109									
1000	3260	2186055.109									
1000	3261	2186055.109									
1000	3262	2186232.816	1273-07-31 07:35:45	0.740586896	1.301113104	0.716825098º	1.24364297º	230.3790425	59.76953818	1.011977395	Total
1000	3263	2186232.816									
1000	3264	2186232.816									
1000	3265	2186232.816									
1000	3266	2186232.816									
1000	3267	2186232.816									
1000	3268	2186409.469	1274-01-23 23:15:38	0.741602144	1.300097856	0.738385549º	1.278536863º	224.8078246	58.09624271	0.986997096	Umbral
1000	3269	2186409.469									
1000	3270	2186409.469									
1000	3271	2186409.469									
1000	3272	2186409.469									
1000	3273	2186409.469									
1000	3274	2186587.067	1274-07-20 13:36:39	0.727199543	1.314500457	0.670446613º	1.196194944º	230.1140245	62.78100284	1.014036082	Umbral
1000	3275	2186587.067									
1000	3276	2186587.067									
1000	3277	2186587.067									
1000	3278	2186587.067									
1000	3279	2186734.628	1274-12-15 03:03:39	0.750589967	1.291110033	0.775494061º	1.317868442º	224.3850209	55.97058122	0.982951621	Penumbral
1000	3280	2186734.628									
1000	3281	2186734.628									
1000	3282	2186734.628									
1000	3283	2186734.628									
1000	3284	2186764.066	1275-01-13 13:34:53	0.750844761	1.290855239	0.774861749º	1.316003828º	224.8821714	56.03727103	0.985190025	Penumbral
1000	3285	2186911.497	1275-06-09 23:55:58	0.727559154	1.314140846	0.669521353º	1.193770797º	230.8313594	62.89367527	1.016935324	Penumbral
1000	3286	2186911.497									
1000	3287	2186911.497									
1000	3288	2186911.497									
1000	3289	2186911.497									
1000	3290	2186941.101	1275-07-09 14:25:39	0.723796216	1.317903784	0.658622886º	1.183564485º	230.3029789	63.6162432	1.015594457	Penumbral
1000	3291	2187089.23	1275-12-04 17:31:51	0.741769248	1.299930752	0.741630688º	1.283842951º	224.0032301	57.85093402	0.983245518	Umbral
1000	3292	2187089.23									
1000	3293	2187089.23									

1000	3294	2187089.23									
1000	3295	2187089.23									
1000	3296	2187265.739	1276-05-29 05:43:42	0.740995646	1.300704354	0.714964454º	1.239530026º	231.4472093	59.95201522	1.016322469	Total
1000	3297	2187265.739									
1000	3298	2187265.739									
1000	3299	2187265.739									
1000	3300	2187265.739									
1000	3301	2187265.739									
1000	3302	2187443.606	1276-11-23 02:33:19	0.726174993	1.315525007	0.68727369º	1.229002619º	223.3165524	61.15559384	0.984122776	Total
1000	3303	2187443.606									
1000	3304	2187443.606									
1000	3305	2187443.606									
1000	3306	2187443.606									
1000	3307	2187620.274	1277-05-18 18:35:12	0.754237839	1.287462161	0.765231932º	1.290390607º	231.8890523	56.9961716	1.015174658	Total
1000	3308	2187620.274									
1000	3309	2187620.274									
1000	3310	2187620.274									
1000	3311	2187620.274									
1000	3312	2187620.274									
1000	3313	2187797.683	1277-11-12 04:24:14	0.715225977	1.326474023	0.652119212º	1.193016543º	223.0320331	63.51935962	0.985635808	Umbral
1000	3314	2187797.683									
1000	3315	2187797.683									
1000	3316	2187797.683									
1000	3317	2187797.683									
1000	3318	2187797.683									
1000	3319	2187945.665	1278-04-09 03:57:59	0.754393562	1.287306438	0.772281034º	1.301657795º	229.986078	56.49273864	1.007085722	Penumbral
1000	3320	2187945.665									
1000	3321	2187945.665									
1000	3322	2187945.665									
1000	3323	2187945.665									
1000	3324	2187974.976	1278-05-08 11:24:54	0.758344097	1.283355903	0.783088952º	1.309065672º	231.702105	55.99895295	1.013595769	Penumbral
1000	3325	2188121.961	1278-10-02 11:04:03	0.726644345	1.315055655	0.681947108º	1.217711221º	225.6557007	61.69015159	0.995079298	Grazing
1000	3326	2188121.961									
1000	3327	2188121.961									
1000	3328	2188121.961									
1000	3329	2188121.961									
1000	3330	2188300.244	1279-03-29 17:50:42	0.741432788	1.300267212	0.725623597º	1.256521649º	228.6028403	59.11547048	1.004199915	Umbral
1000	3331	2188300.244									
1000	3332	2188300.244									
1000	3333	2188300.244									
1000	3334	2188300.244									
1000	3335	2188329.649	1279-04-28 03:35:10	0.750601901	1.291098099	0.753980566º	1.280992813º	230.8349078	57.57630593	1.011604153	Grazing
1000	3336	2188476.31	1279-09-21 19:26:26	0.743144313	1.298555687	0.736231333º	1.270324191º	227.3227087	58.395494	0.998193048	Umbral
1000	3337	2188476.31									

1000	3338	2188476.31									
1000	3339	2188476.31									
1000	3340	2188476.31									
1000	3341	2188654.537	1280-03-18 00:53:45	0.725428735	1.316271265	0.67403267º	1.206602006º	226.9318461	62.31478509	1.00104858	Total
1000	3342	2188654.537									
1000	3343	2188654.537									
1000	3344	2188654.537									
1000	3345	2188654.537									
1000	3346	2188654.537									
1000	3347	2188830.918	1280-09-10 10:01:52	0.754338285	1.287361715	0.776648935º	1.30909262º	228.6330676	56.17310624	1.001284817	Total
1000	3348	2188830.918									
1000	3349	2188830.918									
1000	3350	2188830.918									
1000	3351	2188830.918									
1000	3352	2188830.918									
1000	3353	2189008.565	1281-03-07 01:33:35	0.717928417	1.323771583	0.652733689º	1.187058642º	225.8171678	63.70224136	0.997759462	Umbral
1000	3354	2189008.565									
1000	3355	2189008.565									
1000	3356	2189008.565									
1000	3357	2189008.565									
1000	3358	2189185.61	1281-08-31 02:38:18	0.753878263	1.287821737	0.772568024º	1.30340103º	229.2810504	56.43772978	1.004322964	Umbral
1000	3359	2189185.61									
1000	3360	2189185.61									
1000	3361	2189185.61									
1000	3362	2189185.61									
1000	3363	2189185.61									
1000	3364	2189332.964	1282-01-25 11:07:31	0.730414234	1.311285766	0.699189861º	1.239164173º	224.2357809	60.45681595	0.987320631	Penumbral
1000	3365	2189332.964									
1000	3366	2189332.964									
1000	3367	2189332.964									
1000	3368	2189332.964									
1000	3369	2189362.599	1282-02-24 02:21:54	0.724574056	1.317125944	0.675307936º	1.211360112º	225.5060904	62.11606045	0.994544564	Penumbral
1000	3370	2189510.732	1282-07-22 05:33:33	0.736698982	1.305001018	0.701947109º	1.227837926º	230.5946619	60.7218757	1.013761335	Penumbral
1000	3371	2189510.732									
1000	3372	2189510.732									
1000	3373	2189510.732									
1000	3374	2189510.732									
1000	3375	2189540.191	1282-08-20 16:34:36	0.742723786	1.298976214	0.728070429º	1.257354253º	229.3677443	59.0171576	1.007262555	Penumbral
1000	3376	2189687.403	1283-01-14 21:39:57	0.745022329	1.296677671	0.752263999º	1.293287474º	224.6274245	57.28148119	0.985405998	Umbral
1000	3377	2189687.403									
1000	3378	2189687.403									
1000	3379	2189687.403									
1000	3380	2189687.403									
1000	3381	2189716.898	1283-02-13 09:32:46	0.739271177	1.302428823	0.726789236º	1.264428626º	225.6790448	58.84731331	0.99160848	Grazing

1000	3382	2189864.905	1283-07-11 09:42:52	0.725141275	1.316558725	0.662963079º	1.188016876º	230.3277809	63.31332713	1.015377436	Umbral
1000	3383	2189864.905									
1000	3384	2189864.905									
1000	3385	2189864.905									
1000	3386	2190042.033	1284-01-04 12:47:13	0.75117184	1.29052816	0.777001363º	1.318779182º	224.6489864	55.90571262	0.984033969	Total
1000	3387	2190042.033									
1000	3388	2190042.033									
1000	3389	2190042.033									
1000	3390	2190042.033									
1000	3391	2190042.033									
1000	3392	2190218.928	1284-06-29 10:16:16	0.725547634	1.316152366	0.663496498º	1.187994478º	230.6043262	63.29563456	1.016453444	Total
1000	3393	2190218.928									
1000	3394	2190218.928									
1000	3395	2190218.928									
1000	3396	2190218.928									
1000	3397	2190218.928									
1000	3398	2190396.664	1284-12-24 03:56:00	0.744838359	1.296861641	0.753107212º	1.29534399º	224.1481363	57.20051746	0.983201065	Umbral
1000	3399	2190396.664									
1000	3400	2190396.664									
1000	3401	2190396.664									
1000	3402	2190396.664									
1000	3403	2190396.664									
1000	3404	2190543.678	1285-05-20 04:16:13	0.74504828	1.29665172	0.730298458º	1.255355762º	231.4275694	59.00917016	1.015370652	Grazing
1000	3405	2190543.678									
1000	3406	2190543.678									
1000	3407	2190543.678									
1000	3408	2190543.678									
1000	3409	2190573.108	1285-06-18 14:35:19	0.737785463	1.303914537	0.703274155º	1.227522329º	231.4266773	60.68951771	1.016937787	Umbral
1000	3410	2190721.436	1285-11-13 22:27:33	0.722242044	1.319457956	0.673829007º	1.214869276º	223.3772252	62.05062145	0.985375411	Grazing
1000	3411	2190721.436									
1000	3412	2190721.436									
1000	3413	2190721.436									
1000	3414	2190751.105	1285-12-13 14:31:42	0.729686313	1.312013687	0.699662944º	1.242030776º	223.2488188	60.35325673	0.982963492	Penumbral
1000	3415	2190898.276	1286-05-09 18:37:00	0.756312734	1.285387266	0.774725522º	1.300581095º	231.64053	56.45454624	1.013829282	Umbral
1000	3416	2190898.276									
1000	3417	2190898.276									
1000	3418	2190898.276									
1000	3419	2190898.276									
1000	3420	2190927.589	1286-06-08 02:08:08	0.752252224	1.289447776	0.756076261º	1.280364393º	232.2018246	57.53402349	1.016860281	Grazing
1000	3421	2191075.454	1286-11-02 22:53:29	0.714827613	1.326872387	0.649897446º	1.189860975º	223.3722391	63.70520533	0.987340346	Umbral
1000	3422	2191075.454									
1000	3423	2191075.454									
1000	3424	2191075.454									
1000	3425	2191075.454									

1000	3426	2191252.987	1287-04-29 11:40:55	0.756992571	1.284707429	0.778956889º	1.305836239º	231.23001	56.19734569	1.011859313	Total
1000	3427	2191252.987									
1000	3428	2191252.987									
1000	3429	2191252.987									
1000	3430	2191252.987									
1000	3431	2191252.987									
1000	3432	2191429.457	1287-10-22 22:57:41	0.721950596	1.319749404	0.670394245º	1.209025517º	224.2451118	62.35700875	0.989782445	Total
1000	3433	2191429.457									
1000	3434	2191429.457									
1000	3435	2191429.457									
1000	3436	2191429.457									
1000	3437	2191429.457									
1000	3438	2191607.616	1288-04-18 02:47:00	0.746242429	1.295457571	0.739139584º	1.267275754º	230.1078445	58.39799728	1.009451365	Umbral
1000	3439	2191607.616									
1000	3440	2191607.616									
1000	3441	2191607.616									
1000	3442	2191607.616									
1000	3443	2191783.723	1288-10-11 05:21:31	0.738093229	1.303606771	0.722120602º	1.259246106º	225.7834474	59.14045415	0.992557185	Total
1000	3444	2191783.723									
1000	3445	2191783.723									
1000	3446	2191783.723									
1000	3447	2191783.723									
1000	3448	2191783.723									
1000	3449	2191932.361	1289-03-08 20:39:37	0.721412364	1.320287636	0.663196088º	1.197254556º	226.0950534	62.99301292	0.998257324	Penumbral
1000	3450	2191932.361									
1000	3451	2191932.361									
1000	3452	2191932.361									
1000	3453	2191932.361									
1000	3454	2191961.989	1289-04-07 11:43:41	0.730164724	1.311535276	0.685379066º	1.214967003º	228.5098394	61.66593613	1.006684142	Penumbral
1000	3455	2192108.913	1289-09-01 09:54:37	0.755933892	1.285766108	0.781075615º	1.3120759º	229.309594	55.97345313	1.004006575	Penumbral
1000	3456	2192108.913									
1000	3457	2192108.913									
1000	3458	2192108.913									
1000	3459	2192108.913									
1000	3460	2192138.276	1289-09-30 18:38:09	0.751412173	1.290287827	0.769470306º	1.304997568º	227.1759622	56.47983126	0.995519398	Penumbral
1000	3461	2192286.352	1290-02-25 20:27:34	0.717901895	1.323798105	0.65435278º	1.19015205º	225.2191188	63.53953612	0.995014004	Umbral
1000	3462	2192286.352									
1000	3463	2192286.352									
1000	3464	2192286.352									
1000	3465	2192286.352									
1000	3466	2192316.07	1290-03-27 13:40:13	0.719972017	1.321727983	0.655107434º	1.186318211º	227.2592576	63.64460809	1.003608739	Grazing
1000	3467	2192463.597	1290-08-22 02:19:35	0.752020898	1.289679102	0.763203198º	1.292668449º	229.7925248	56.99034217	1.006917407	Umbral
1000	3468	2192463.597									
1000	3469	2192463.597									

1000	3470	2192463.597									
1000	3471	2192640.44	1291-02-14 22:34:11	0.727991735	1.313708265	0.68806555º	1.22550589º	225.1220371	61.24099873	0.991975738	Total
1000	3472	2192640.44									
1000	3473	2192640.44									
1000	3474	2192640.44									
1000	3475	2192640.44									
1000	3476	2192640.44									
1000	3477	2192818.118	1291-08-11 14:49:13	0.73897192	1.30272808	0.712908275º	1.240971072º	229.7291352	59.97191646	1.009591627	Total
1000	3478	2192818.118									
1000	3479	2192818.118									
1000	3480	2192818.118									
1000	3481	2192818.118									
1000	3482	2192818.118									
1000	3483	2192994.821	1292-02-04 07:42:43	0.742926974	1.298773026	0.7416845º	1.280565628º	225.3681886	57.94249346	0.989323526	Umbral
1000	3484	2192994.821									
1000	3485	2192994.821									
1000	3486	2192994.821									
1000	3487	2192994.821									
1000	3488	2192994.821									
1000	3489	2193172.346	1292-07-30 20:17:50	0.725983286	1.315716714	0.667951719º	1.19474251º	229.5806307	62.91469979	1.012029418	Umbral
1000	3490	2193172.346									
1000	3491	2193172.346									
1000	3492	2193172.346									
1000	3493	2193172.346									
1000	3494	2193172.346									
1000	3495	2193319.997	1292-12-25 11:56:20	0.750500987	1.291199013	0.774914072º	1.317091758º	224.4506346	56.00691239	0.983308226	Penumbral
1000	3496	2193319.997									
1000	3497	2193319.997									
1000	3498	2193319.997									
1000	3499	2193349.43	1293-01-23 22:19:10	0.751471842	1.290228158	0.77603573º	1.316152649º	225.305658	56.00150992	0.987059946	Penumbral
1000	3500	2193496.769	1293-06-20 06:26:55	0.728188743	1.313511257	0.671535837º	1.19580462º	230.8631018	62.75699189	1.016897811	Penumbral
1000	3501	2193496.769									
1000	3502	2193496.769									
1000	3503	2193496.769									
1000	3504	2193496.769									
1000	3505	2193526.371	1293-07-19 20:54:49	0.723559875	1.318140125	0.658938302º	1.184653289º	229.9312316	63.56790997	1.014100398	Penumbral
1000	3506	2193674.593	1293-12-15 02:14:10	0.740981639	1.300718361	0.738945729º	1.281304842º	223.9011243	58.00089027	0.982979294	Umbral
1000	3507	2193674.593									
1000	3508	2193674.593									
1000	3509	2193674.593									
1000	3510	2193674.593									
1000	3511	2193851.03	1294-06-09 12:42:45	0.742124654	1.299575346	0.718526009º	1.24279504º	231.6489815	59.74277252	1.016897329	Umbral
1000	3512	2193851.03									
1000	3513	2193851.03									

1000	3514	2193851.03									
1000	3515	2193851.03									
1000	3516	2193851.03									
1000	3517	2194028.953	1294-12-04 10:52:10	0.725131553	1.316568447	0.684458574º	1.226678125º	223.0692646	61.3206153	0.983232303	Total
1000	3518	2194028.953									
1000	3519	2194028.953									
1000	3520	2194028.953									
1000	3521	2194028.953									
1000	3522	2194028.953									
1000	3523	2194205.583	1295-05-30 01:58:48	0.75513509	1.28656491	0.767889402º	1.29245029º	232.2039398	56.86523689	1.016331545	Total
1000	3524	2194205.583									
1000	3525	2194205.583									
1000	3526	2194205.583									
1000	3527	2194205.583									
1000	3528	2194383.015	1295-11-23 12:21:34	0.714548937	1.327151063	0.65094554º	1.192661216º	222.6890099	63.57243484	0.984146853	Umbral
1000	3529	2194383.015									
1000	3530	2194383.015									
1000	3531	2194383.015									
1000	3532	2194383.015									
1000	3533	2194383.015									
1000	3534	2194530.988	1296-04-19 11:42:43	0.754604574	1.287095426	0.770992954º	1.29895266º	230.627542	56.60161017	1.009788762	Penumbral
1000	3535	2194530.988									
1000	3536	2194530.988									
1000	3537	2194530.988									
1000	3538	2194530.988									
1000	3539	2194560.29	1296-05-18 18:58:08	0.758633428	1.283066572	0.782958964º	1.308098248º	232.1010323	56.02820112	1.015212143	Umbral
1000	3540	2194707.286	1296-10-12 18:52:12	0.726619055	1.315080945	0.683771846º	1.221106099º	225.0165988	61.52115623	0.992171586	Grazing
1000	3541	2194707.286									
1000	3542	2194707.286									
1000	3543	2194707.286									
1000	3544	2194707.286									
1000	3545	2194736.985	1296-11-11 11:37:58	0.71807681	1.32362319	0.66081607º	1.201664398º	223.1834101	62.92628493	0.98572511	Penumbral
1000	3546	2194885.559	1297-04-09 01:24:26	0.741325817	1.300374183	0.723076238º	1.252447463º	229.2745717	59.31366215	1.007096254	Umbral
1000	3547	2194885.559									
1000	3548	2194885.559									
1000	3549	2194885.559									
1000	3550	2194885.559									
1000	3551	2195061.646	1297-10-02 03:30:31	0.74314611	1.29855389	0.738464582º	1.274181193º	226.6363379	58.21880769	0.995167531	Umbral
1000	3552	2195061.646									
1000	3553	2195061.646									
1000	3554	2195061.646									
1000	3555	2195061.646									
1000	3556	2195239.84	1298-03-29 08:09:26	0.725633101	1.316066899	0.67257293º	1.203539944º	227.6479296	62.46486506	1.004069486	Total
1000	3557	2195239.84									

1000	3558	2195239.84									
1000	3559	2195239.84									
1000	3560	2195239.84									
1000	3561	2195239.84									
1000	3562	2195416.258	1298-09-21 18:10:48	0.753833022	1.287866978	0.777058279º	1.311137596º	227.8966149	56.10733929	0.998218357	Total
1000	3563	2195416.258									
1000	3564	2195416.258									
1000	3565	2195416.258									
1000	3566	2195416.258									
1000	3567	2195416.258									
1000	3568	2195593.865	1299-03-18 08:46:08	0.718931061	1.322768939	0.653740667º	1.18642657º	226.5745415	63.68871044	1.000829522	Umbral
1000	3569	2195593.865									
1000	3570	2195593.865									
1000	3571	2195593.865									
1000	3572	2195593.865									
1000	3573	2195593.865									
1000	3574	2195770.942	1299-09-11 10:36:24	0.752667324	1.289032676	0.770138493º	1.302588512º	228.5179239	56.52660771	1.001272906	Umbral
1000	3575	2195770.942									
1000	3576	2195770.942									
1000	3577	2195770.942									
1000	3578	2195770.942									
1000	3579	2195918.304	1300-02-05 19:17:54	0.731908517	1.309791483	0.702682985º	1.241382711º	224.8199941	60.27839708	0.98965667	Penumbral
1000	3580	2195918.304									
1000	3581	2195918.304									
1000	3582	2195918.304									
1000	3583	2195918.304									
1000	3584	2195947.915	1300-03-06 09:57:53	0.726207383	1.315492617	0.678528564º	1.212943748º	226.2717734	61.95740192	0.997591	Penumbral
1000	3585	2196096.024	1300-08-01 12:34:02	0.735179261	1.306520739	0.69825213º	1.225205875º	230.0286991	60.92240418	1.011716459	Penumbral
1000	3586	2196096.024									
1000	3587	2196096.024									
1000	3588	2196096.024									
1000	3589	2196096.024									
1000	3590	2196125.505	1300-08-31 00:06:37	0.741026683	1.300673317	0.724108806º	1.254929889º	228.6034949	59.20846351	1.004345522	Penumbral
1000	3591	2196272.762	1301-01-25 06:16:39	0.746105357	1.295594643	0.755040427º	1.295015947º	225.0875456	57.15504944	0.987318422	Umbral
1000	3592	2196272.762									
1000	3593	2196272.762									
1000	3594	2196272.762									
1000	3595	2196272.762									
1000	3596	2196302.237	1301-02-23 17:41:35	0.740859718	1.300840282	0.730489199º	1.266581934º	226.3935884	58.67401212	0.994469319	Grazing
1000	3597	2196450.177	1301-07-21 16:14:49	0.724251909	1.317448091	0.661267227º	1.187133742º	229.9070525	63.4021426	1.013808186	Umbral
1000	3598	2196450.177									
1000	3599	2196450.177									
1000	3600	2196450.177									
1000	3601	2196450.177									

1000	3602	2196627.4	1302-01-14 21:35:52	0.751495345	1.290204655	0.777287068º	1.318295058º	224.96202	55.91083007	0.985434205	Total
1000	3603	2196627.4									
1000	3604	2196627.4									
1000	3605	2196627.4									
1000	3606	2196627.4									
1000	3607	2196804.199	1302-07-10 16:45:52	0.725693594	1.316006406	0.664699062º	1.189730043º	230.361091	63.19526491	1.01542156	Total
1000	3608	2196804.199									
1000	3609	2196804.199									
1000	3610	2196804.199									
1000	3611	2196804.199									
1000	3612	2196804.199									
1000	3613	2196982.028	1303-01-04 12:40:43	0.7444271	1.2972729	0.750991942º	1.292760545º	224.3028038	57.3322107	0.984050708	Umbral
1000	3614	2196982.028									
1000	3615	2196982.028									
1000	3616	2196982.028									
1000	3617	2196982.028									
1000	3618	2196982.028									
1000	3619	2197128.975	1303-05-31 11:24:22	0.746262124	1.295437876	0.733935178º	1.258452374º	231.7462225	58.80913939	1.016416206	Grazing
1000	3620	2197128.975									
1000	3621	2197128.975									
1000	3622	2197128.975									
1000	3623	2197128.975									
1000	3624	2197158.395	1303-06-29 21:28:10	0.738606315	1.303093685	0.70645753º	1.230947305º	231.3597551	60.48208528	1.016469344	Umbral
1000	3625	2197306.776	1303-11-25 06:36:52	0.721151518	1.320548482	0.671256705º	1.213049585º	223.0245162	62.19584562	0.984006615	Grazing
1000	3626	2197306.776									
1000	3627	2197306.776									
1000	3628	2197306.776									
1000	3629	2197306.776									
1000	3630	2197336.457	1303-12-24 22:58:05	0.728909158	1.312790842	0.696955368º	1.239179273º	223.2495555	60.52693171	0.983224406	Penumbral
1000	3631	2197483.588	1304-05-20 02:06:49	0.757128998	1.284571002	0.776749221º	1.301810597º	232.0535536	56.36579569	1.01536278	Penumbral
1000	3632	2197483.588									
1000	3633	2197483.588									
1000	3634	2197483.588									
1000	3635	2197512.893	1304-06-18 09:25:36	0.753013344	1.288686656	0.758934925º	1.283195066º	232.2668167	57.37336726	1.016914573	Penumbral
1000	3636	2197660.781	1304-11-13 06:45:02	0.714247926	1.327452074	0.649304665º	1.190295346º	222.9395027	63.71103088	0.985465732	Umbral
1000	3637	2197660.781									
1000	3638	2197660.781									
1000	3639	2197660.781									
1000	3640	2197660.781									
1000	3641	2197838.303	1305-05-09 19:16:44	0.757175832	1.284524168	0.778065686º	1.303917376º	231.7165601	56.27310911	1.013836768	Total
1000	3642	2197838.303									
1000	3643	2197838.303									
1000	3644	2197838.303									
1000	3645	2197838.303									

1000	3646	2197838.303									
1000	3647	2198014.788	1305-11-02 06:54:52	0.721972424	1.319727576	0.671916504º	1.211825123º	223.7481815	62.21396717	0.987440761	Total
1000	3648	2198014.788									
1000	3649	2198014.788									
1000	3650	2198014.788									
1000	3651	2198014.788									
1000	3652	2198014.788									
1000	3653	2198192.926	1306-04-29 10:12:56	0.746019129	1.295680871	0.736487886º	1.263363978º	230.6606715	58.58976499	1.011865572	Total
1000	3654	2198192.926									
1000	3655	2198192.926									
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1000	3657	2198192.926									
1000	3658	2198192.926									
1000	3659	2198369.066	1306-10-22 13:35:34	0.738230536	1.303469464	0.724438327º	1.263040733º	225.2068613	58.95854032	0.989835493	Total
1000	3660	2198369.066									
1000	3661	2198369.066									
1000	3662	2198369.066									
1000	3663	2198369.066									
1000	3664	2198517.665	1307-03-20 03:57:17	0.721823392	1.319876608	0.662405755º	1.194800278º	226.8239156	63.10282714	1.001377277	Grazing
1000	3665	2198517.665									
1000	3666	2198517.665									
1000	3667	2198517.665									
1000	3668	2198517.665									
1000	3669	2198547.284	1307-04-18 18:49:37	0.730137372	1.311562628	0.683364171º	1.211510443º	229.1465959	61.84400592	1.009432057	Penumbral
1000	3670	2198694.248	1307-09-12 17:57:30	0.755237571	1.286462429	0.780672639º	1.31331543º	228.5673265	55.95144359	1.000910529	Penumbral
1000	3671	2198694.248									
1000	3672	2198694.248									
1000	3673	2198694.248									
1000	3674	2198694.248									
1000	3675	2198723.625	1307-10-12 03:00:23	0.75109927	1.29060073	0.770429415º	1.307567732º	226.5056785	56.38408966	0.992533508	Penumbral
1000	3676	2198871.66	1308-03-08 03:49:50	0.71911497	1.32258503	0.65608621º	1.190232663º	225.9670513	63.47642665	0.998092891	Umbral
1000	3677	2198871.66									
1000	3678	2198871.66									
1000	3679	2198871.66									
1000	3680	2198871.66									
1000	3681	2198901.359	1308-04-06 20:36:23	0.720738707	1.320961293	0.655472185º	1.185115532º	227.9854098	63.67316025	1.006578826	Grazing
1000	3682	2199048.922	1308-09-01 10:07:27	0.750646086	1.291053914	0.76011936º	1.291134702º	229.0429122	57.11931801	1.003978106	Umbral
1000	3683	2199048.922									
1000	3684	2199048.922									
1000	3685	2199048.922									
1000	3686	2199048.922									
1000	3687	2199225.767	1309-02-25 06:24:42	0.729647949	1.312052051	0.691584895º	1.227475066º	225.8499225	61.06496451	0.994845226	Total
1000	3688	2199225.767									
1000	3689	2199225.767									

1000	3690	2199225.767									
1000	3691	2199225.767									
1000	3692	2199403.422	1309-08-21 22:07:35	0.737275635	1.304424365	0.708988171º	1.238430713º	229.0065814	60.17173552	1.006960597	Total
1000	3693	2199403.422									
1000	3694	2199403.422									
1000	3695	2199403.422									
1000	3696	2199403.422									
1000	3697	2199403.422									
1000	3698	2199580.169	1310-02-14 16:03:54	0.744330435	1.297369565	0.74501222º	1.282502206º	226.0139804	57.79133618	0.991884113	Umbral
1000	3699	2199580.169									
1000	3700	2199580.169									
1000	3701	2199580.169									
1000	3702	2199580.169									
1000	3703	2199580.169									
1000	3704	2199757.628	1310-08-11 03:03:43	0.724693356	1.317006644	0.665539194º	1.193526371º	228.9535459	63.03818076	1.009736222	Umbral
1000	3705	2199757.628									
1000	3706	2199757.628									
1000	3707	2199757.628									
1000	3708	2199757.628									
1000	3709	2199757.628									
1000	3710	2199905.366	1311-01-05 20:47:10	0.750516677	1.291183323	0.774312283º	1.316009262º	224.645594	56.05202453	0.984180822	Penumbral
1000	3711	2199905.366									
1000	3712	2199905.366									
1000	3713	2199905.366									
1000	3714	2199905.366									
1000	3715	2199934.79	1311-02-04 06:58:06	0.752172601	1.289527399	0.777154229º	1.316049506º	225.8316305	55.97398502	0.989297553	Penumbral
1000	3716	2200082.042	1311-07-01 13:00:05	0.728690693	1.313009307	0.67356374º	1.198099949º	230.7548439	62.61175626	1.016379363	Penumbral
1000	3717	2200082.042									
1000	3718	2200082.042									
1000	3719	2200082.042									
1000	3720	2200111.645	1311-07-31 03:29:19	0.72323391	1.31846609	0.659305614º	1.186008923º	229.4465505	63.50871891	1.01219751	Penumbral
1000	3721	2200259.955	1311-12-26 10:55:39	0.740324934	1.301375066	0.736356861º	1.278531905º	223.9305747	58.15555223	0.983313016	Umbral
1000	3722	2200259.955									
1000	3723	2200259.955									
1000	3724	2200259.955									
1000	3725	2200259.955									
1000	3726	2200289.445	1312-01-24 22:40:35	0.747813337	1.293886663	0.761800734º	1.301902102º	225.1097834	56.77627103	0.987088368	Grazing
1000	3727	2200436.321	1312-06-19 19:42:57	0.743094748	1.298605252	0.721956543º	1.246237393º	231.709647	59.53366648	1.016874406	Umbral
1000	3728	2200436.321									
1000	3729	2200436.321									
1000	3730	2200436.321									
1000	3731	2200436.321									
1000	3732	2200614.3	1312-12-14 19:11:38	0.724263494	1.317436506	0.681889444º	1.224232201º	222.9538047	61.48239341	0.983008938	Total
1000	3733	2200614.3									

1000	3734	2200614.3									
1000	3735	2200614.3									
1000	3736	2200614.3									
1000	3737	2200614.3									
1000	3738	2200790.89	1313-06-09 09:21:24	0.755856004	1.285843996	0.770262948º	1.294565419º	232.3817891	56.74127957	1.016832472	Total
1000	3739	2200790.89									
1000	3740	2200790.89									
1000	3741	2200790.89									
1000	3742	2200790.89									
1000	3743	2200790.89									
1000	3744	2200968.349	1313-12-03 20:22:03	0.714073629	1.327626371	0.650073823º	1.192257042º	222.4737481	63.61672403	0.98329819	Umbral
1000	3745	2200968.349									
1000	3746	2200968.349									
1000	3747	2200968.349									
1000	3748	2200968.349									
1000	3749	2201116.306	1314-04-30 19:20:30	0.754691782	1.287008218	0.769449897º	1.296198531º	231.1894198	56.71931784	1.012110413	Grazing
1000	3750	2201116.306									
1000	3751	2201116.306									
1000	3752	2201116.306									
1000	3753	2201116.306									
1000	3754	2201145.603	1314-05-30 02:27:54	0.758749212	1.282950788	0.782521256º	1.307096675º	232.3721791	56.06673827	1.016303392	Umbral
1000	3755	2201292.618	1314-10-24 02:49:34	0.726684687	1.315015313	0.685696684º	1.224462515º	224.448223	61.35105897	0.989535245	Grazing
1000	3756	2201292.618									
1000	3757	2201292.618									
1000	3758	2201292.618									
1000	3759	2201292.618									
1000	3760	2201322.32	1314-11-22 19:40:59	0.718205431	1.323494569	0.662084457º	1.203736463º	222.8852981	62.81358383	0.984262537	Penumbral
1000	3761	2201470.867	1315-04-20 08:49:11	0.741141256	1.300558744	0.720426895º	1.248390644º	229.8920116	59.51578425	1.009781027	Umbral
1000	3762	2201470.867									
1000	3763	2201470.867									
1000	3764	2201470.867									
1000	3765	2201470.867									
1000	3766	2201500.266	1315-05-19 18:22:42	0.750007341	1.291692659	0.74883694º	1.273967581º	231.6727981	57.92297342	1.015228852	Grazing
1000	3767	2201646.989	1315-10-13 11:43:35	0.743168837	1.298531163	0.740614276º	1.277925488º	225.9945184	58.04883652	0.992214132	Umbral
1000	3768	2201646.989									
1000	3769	2201646.989									
1000	3770	2201646.989									
1000	3771	2201646.989									
1000	3772	2201825.136	1316-04-08 15:15:11	0.725827852	1.315872148	0.671174813º	1.200584263º	228.3392135	62.61004925	1.007023539	Total
1000	3773	2201825.136									
1000	3774	2201825.136									
1000	3775	2201825.136									
1000	3776	2201825.136									
1000	3777	2202001.603	1316-10-02 02:27:50	0.753304765	1.288395235	0.777279115º	1.313029687º	227.1798559	56.05090828	0.995104449	Total

1000	3778	2202001.603									
1000	3779	2202001.603									
1000	3780	2202001.603									
1000	3781	2202001.603									
1000	3782	2202001.603									
1000	3783	2202179.16	1317-03-28 15:49:41	0.719977138	1.321722862	0.654899412º	1.185954286º	227.3340411	63.66438351	1.003903369	Umbral
1000	3784	2202179.16									
1000	3785	2202179.16									
1000	3786	2202179.16									
1000	3787	2202179.16									
1000	3788	2202179.16									
1000	3789	2202356.279	1317-09-21 18:41:39	0.751416096	1.290283904	0.767580108º	1.301687992º	227.7504137	56.6217229	0.998164965	Total
1000	3790	2202356.279									
1000	3791	2202356.279									
1000	3792	2202356.279									
1000	3793	2202356.279									
1000	3794	2202356.279									
1000	3795	2202503.64	1318-02-16 03:22:17	0.733508289	1.308191711	0.706321709º	1.243587312º	225.4884855	60.09691533	0.992298361	Penumbral
1000	3796	2202503.64									
1000	3797	2202503.64									
1000	3798	2202503.64									
1000	3799	2202533.227	1318-03-17 17:26:20	0.727895379	1.313804621	0.681887384º	1.21465256º	227.0635985	61.7909448	1.000680605	Penumbral
1000	3800	2202681.318	1318-08-12 19:38:33	0.733567343	1.308132657	0.69456355º	1.222761315º	229.37172	61.11811826	1.00933365	Penumbral
1000	3801	2202681.318									
1000	3802	2202681.318									
1000	3803	2202681.318									
1000	3804	2202681.318									
1000	3805	2202710.823	1318-09-11 07:44:58	0.739290416	1.302409584	0.720143207º	1.252585693º	227.8110113	59.3987374	1.001287072	Penumbral
1000	3806	2202858.117	1319-02-05 14:48:12	0.747274463	1.294425537	0.757843635º	1.296562058º	225.6475518	57.03345036	0.989622324	Umbral
1000	3807	2202858.117									
1000	3808	2202858.117									
1000	3809	2202858.117									
1000	3810	2202858.117									
1000	3811	2202887.572	1319-03-07 01:43:25	0.742490875	1.299209125	0.734249371º	1.268697815º	227.1557923	58.50103571	0.997528918	Grazing
1000	3812	2203035.452	1319-08-01 22:50:50	0.723276042	1.318423958	0.659635159º	1.186525339º	229.3762564	63.47960269	1.011838515	Umbral
1000	3813	2203035.452									
1000	3814	2203035.452									
1000	3815	2203035.452									
1000	3816	2203035.452									
1000	3817	2203212.764	1320-01-26 06:20:05	0.751904392	1.289795608	0.777536096º	1.317513292º	225.3893376	55.92482763	0.987315357	Total
1000	3818	2203212.764									
1000	3819	2203212.764									
1000	3820	2203212.764									
1000	3821	2203212.764									

1000	3822	2203212.764									
1000	3823	2203389.472	1320-07-20 23:20:03	0.725731335	1.315968665	0.665922056º	1.191736419º	229.9920841	63.0853742	1.01390874	Total
1000	3824	2203389.472									
1000	3825	2203389.472									
1000	3826	2203389.472									
1000	3827	2203389.472									
1000	3828	2203567.39	1321-01-14 21:21:44	0.744127284	1.297572716	0.748909335º	1.289918577º	224.5817533	57.47081744	0.985431924	Umbral
1000	3829	2203567.39									
1000	3830	2203567.39									
1000	3831	2203567.39									
1000	3832	2203567.39									
1000	3833	2203567.39									
1000	3834	2203743.684	1321-07-10 04:24:50	0.739277409	1.302422591	0.709545439º	1.234549019º	231.1555911	60.27361764	1.015474557	Umbral
1000	3835	2203743.684									
1000	3836	2203743.684									
1000	3837	2203743.684									
1000	3838	2203743.684									
1000	3839	2203743.684									
1000	3840	2203892.117	1321-12-05 14:48:22	0.72024349	1.32145651	0.668934451º	1.211171588º	222.799126	62.33528348	0.983200414	Grazing
1000	3841	2203892.117									
1000	3842	2203892.117									
1000	3843	2203892.117									
1000	3844	2203892.117									
1000	3845	2203921.807	1322-01-04 07:21:50	0.728293864	1.313406136	0.694411861º	1.236200525º	223.3823877	60.70036479	0.98401427	Penumbral
1000	3846	2204068.899	1322-05-31 09:34:11	0.75777431	1.28392569	0.778509825º	1.303021061º	232.3382664	56.2850288	1.016427754	Penumbral
1000	3847	2204068.899									
1000	3848	2204068.899									
1000	3849	2204068.899									
1000	3850	2204068.899									
1000	3851	2204098.198	1322-06-29 16:44:45	0.75359444	1.28810556	0.761579189º	1.286046145º	232.1884008	57.21909848	1.01651357	Penumbral
1000	3852	2204246.112	1322-11-24 14:41:31	0.713859824	1.327840176	0.64897119º	1.190726152º	222.6261673	63.70789363	0.984075487	Total Penumbral
1000	3853	2204246.112									
1000	3854	2204246.112									
1000	3855	2204246.112									
1000	3856	2204423.616	1323-05-21 02:47:44	0.757198246	1.284501754	0.776898844º	1.301949685º	232.087407	56.35794773	1.015383151	Total
1000	3857	2204423.616									
1000	3858	2204423.616									
1000	3859	2204423.616									
1000	3860	2204423.616									
1000	3861	2204423.616									
1000	3862	2204600.125	1323-11-13 14:59:19	0.722140531	1.319559469	0.673618784º	1.21456428º	223.3566125	62.06756733	0.985548049	Total
1000	3863	2204600.125									
1000	3864	2204600.125									
1000	3865	2204600.125									

1000	3866	2204600.125									
1000	3867	2204600.125									
1000	3868	2204778.23	1324-05-09 17:31:40	0.745668306	1.296031694	0.733651675º	1.259512947º	231.1162163	58.78652131	1.013818293	Total
1000	3869	2204778.23									
1000	3870	2204778.23									
1000	3871	2204778.23									
1000	3872	2204778.23									
1000	3873	2204778.23									
1000	3874	2204954.415	1324-11-01 21:57:33	0.738445163	1.303254837	0.726798881º	1.26665879º	224.7152259	58.78163594	0.987529856	Total
1000	3875	2204954.415									
1000	3876	2204954.415									
1000	3877	2204954.415									
1000	3878	2204954.415									
1000	3879	2204954.415									
1000	3880	2205102.962	1325-03-30 11:04:55	0.722261091	1.319438909	0.661686188º	1.192493762º	227.5513588	63.20558	1.004371084	Grazing
1000	3881	2205102.962									
1000	3882	2205102.962									
1000	3883	2205102.962									
1000	3884	2205132.574	1325-04-29 01:46:49	0.730040913	1.311659087	0.681301472º	1.20824084º	229.7115222	62.01859885	1.011744063	Penumbral
1000	3885	2205279.589	1325-09-23 02:08:07	0.754494972	1.287205028	0.780105867º	1.314382388º	227.8230602	55.9384513	0.99784991	Penumbral
1000	3886	2205279.589									
1000	3887	2205279.589									
1000	3888	2205279.589									
1000	3889	2205279.589									
1000	3890	2205308.979	1325-10-22 11:30:18	0.750813686	1.290886314	0.771318831º	1.309879359º	225.8986589	56.29752286	0.98991246	Penumbral
1000	3891	2205456.961	1326-03-19 11:03:31	0.720396799	1.321303201	0.657966447º	1.190480678º	226.7390376	63.40264204	1.001152171	Umbral
1000	3892	2205456.961									
1000	3893	2205456.961									
1000	3894	2205456.961									
1000	3895	2205456.961									
1000	3896	2205486.642	1326-04-18 03:24:05	0.721491627	1.320208373	0.655906035º	1.184153957º	228.6658787	63.69102615	1.009237813	Grazing
1000	3897	2205634.251	1326-09-12 18:01:57	0.749213462	1.292486538	0.756926981º	1.289567785º	228.2671498	57.2528716	1.000914263	Umbral
1000	3898	2205634.251									
1000	3899	2205634.251									
1000	3900	2205634.251									
1000	3901	2205634.251									
1000	3902	2205811.089	1327-03-08 14:08:02	0.731372709	1.310327291	0.695260832º	1.229492863º	226.6240101	60.88340048	0.997933008	Total
1000	3903	2205811.089									
1000	3904	2205811.089									
1000	3905	2205811.089									
1000	3906	2205811.089									
1000	3907	2205811.089									
1000	3908	2205988.73	1327-09-02 05:31:44	0.735526179	1.306173821	0.705050062º	1.236060562º	228.2347133	60.36819905	1.003987262	Total
1000	3909	2205988.73									

1000	3910	2205988.73									
1000	3911	2205988.73									
1000	3912	2205988.73									
1000	3913	2206165.513	1328-02-26 00:18:29	0.745788186	1.295911814	0.74840761º	1.284301166º	226.7260134	57.64290047	0.99483894	Umbral
1000	3914	2206165.513									
1000	3915	2206165.513									
1000	3916	2206165.513									
1000	3917	2206165.513									
1000	3918	2206165.513									
1000	3919	2206342.914	1328-08-21 09:55:29	0.723354791	1.318345209	0.663172324º	1.192590996º	228.2539265	63.1510827	1.007005997	Umbral
1000	3920	2206342.914									
1000	3921	2206342.914									
1000	3922	2206342.914									
1000	3923	2206342.914									
1000	3924	2206342.914									
1000	3925	2206490.732	1329-01-16 05:34:37	0.750629382	1.291070618	0.773716942º	1.314590494º	224.9636133	56.1060052	0.985679141	Penumbral
1000	3926	2206490.732									
1000	3927	2206490.732									
1000	3928	2206490.732									
1000	3929	2206490.732									
1000	3930	2206520.146	1329-02-14 15:30:42	0.752927349	1.288772651	0.778231825º	1.315675367º	226.4437386	55.95478312	0.991969828	Penumbral
1000	3931	2206667.317	1329-07-11 19:36:59	0.729068021	1.312631979	0.675565223º	1.20067512º	230.5116955	62.45882644	1.015268958	Penumbral
1000	3932	2206667.317									
1000	3933	2206667.317									
1000	3934	2206667.317									
1000	3935	2206667.317									
1000	3936	2206696.924	1329-08-10 10:10:31	0.722836481	1.318863519	0.659703561º	1.187637912º	228.8668789	63.43924682	1.009837257	Penumbral
1000	3937	2206845.316	1330-01-05 19:34:38	0.739797031	1.301902969	0.733849199º	1.275533915º	224.0896832	58.31514429	0.984203101	Umbral
1000	3938	2206845.316									
1000	3939	2206845.316									
1000	3940	2206845.316									
1000	3941	2206874.802	1330-02-04 07:15:27	0.747841161	1.293858839	0.760266998º	1.299134112º	225.6048399	56.894827	0.989349256	Grazing
1000	3942	2207021.615	1330-07-01 02:45:41	0.743902671	1.297797329	0.725277579º	1.249801498º	231.628515	59.325714	1.016403176	Umbral
1000	3943	2207021.615									
1000	3944	2207021.615									
1000	3945	2207021.615									
1000	3946	2207021.615									
1000	3947	2207199.646	1330-12-26 03:29:59	0.723574644	1.318125356	0.679511513º	1.22171211º	222.9725811	61.64114461	0.983266674	Total
1000	3948	2207199.646									
1000	3949	2207199.646									
1000	3950	2207199.646									
1000	3951	2207199.646									
1000	3952	2207199.646									
1000	3953	2207376.197	1331-06-20 16:44:13	0.75639384	1.28530616	0.772401848º	1.296661407º	232.4169309	56.62487554	1.016915702	Total

1000	3954	2207376.197									
1000	3955	2207376.197									
1000	3956	2207376.197									
1000	3957	2207376.197									
1000	3958	2207376.197									
1000	3959	2207553.683	1331-12-15 04:24:02	0.713808585	1.327891415	0.649467404º	1.191835167º	222.3923986	63.65240259	0.982963617	Umbral
1000	3960	2207553.683									
1000	3961	2207553.683									
1000	3962	2207553.683									
1000	3963	2207553.683									
1000	3964	2207553.683									
1000	3965	2207701.62	1332-05-11 02:52:10	0.754635344	1.287064656	0.767664294º	1.293397452º	231.6508403	56.84556669	1.014065346	Grazing
1000	3966	2207701.62									
1000	3967	2207701.62									
1000	3968	2207701.62									
1000	3969	2207730.913	1332-06-09 09:55:23	0.758682069	1.283017931	0.781780763º	1.306059707º	232.5054795	56.11450184	1.016878103	Umbral
1000	3970	2207877.955	1332-11-03 10:55:14	0.726863603	1.314836397	0.687734433º	1.227756252º	223.9697825	61.18024008	0.987233774	Grazing
1000	3971	2207877.955									
1000	3972	2207877.955									
1000	3973	2207877.955									
1000	3974	2207877.955									
1000	3975	2207907.659	1332-12-03 03:48:22	0.718520705	1.323179295	0.66358597º	1.20575087º	222.714659	62.69529575	0.983331414	Penumbral
1000	3976	2208056.171	1333-04-30 16:05:39	0.740856879	1.300843121	0.717648084º	1.244407903º	230.4318637	59.72103537	1.012088924	Umbral
1000	3977	2208056.171									
1000	3978	2208056.171									
1000	3979	2208056.171									
1000	3980	2208056.171									
1000	3981	2208085.569	1333-05-30 01:38:43	0.749472665	1.292227335	0.745945084º	1.27051837º	231.9065908	58.10538974	1.016307524	Grazing
1000	3982	2208232.337	1333-10-23 20:05:03	0.743236962	1.298463038	0.742750703º	1.281474673º	225.4193587	57.88577969	0.989612136	Umbral
1000	3983	2208232.337									
1000	3984	2208232.337									
1000	3985	2208232.337									
1000	3986	2208232.337									
1000	3987	2208410.425	1334-04-19 22:11:39	0.725987094	1.315712906	0.669782481º	1.197816629º	228.9806432	62.74943645	1.009646401	Total
1000	3988	2208410.425									
1000	3989	2208410.425									
1000	3990	2208410.425									
1000	3991	2208410.425									
1000	3992	2208586.953	1334-10-13 10:52:41	0.752779977	1.288920023	0.777387543º	1.314691274º	226.5068928	56.00376038	0.992227947	Total
1000	3993	2208586.953									
1000	3994	2208586.953									
1000	3995	2208586.953									
1000	3996	2208586.953									
1000	3997	2208586.953									

1000	3998	2208764.448	1335-04-08 22:44:46	0.721036645	1.320663355	0.656174188º	1.185689429º	228.0702185	63.62889949	1.006822345	Umbral
1000	3999	2208764.448									
1000	4000	2208764.448									
1000	4001	2208764.448									
1000	4002	2208764.448									
1000	4003	2208764.448									
1000	4004	2208941.621	1335-10-03 02:54:10	0.750153051	1.291546949	0.764927031º	1.300681063º	227.0032818	56.72269015	0.995098022	Total
1000	4005	2208941.621									
1000	4006	2208941.621									
1000	4007	2208941.621									
1000	4008	2208941.621									
1000	4009	2208941.621									
1000	4010	2209088.972	1336-02-27 11:20:01	0.735187572	1.306512428	0.710099436º	1.245784646º	226.221637	59.91243688	0.995225867	Grazing
1000	4011	2209088.972									
1000	4012	2209088.972									
1000	4013	2209088.972									
1000	4014	2209088.972									
1000	4015	2209118.533	1336-03-28 00:47:25	0.729606629	1.312093371	0.685365082º	1.216502678º	227.85697	61.61693503	1.003747019	Penumbral
1000	4016	2209266.617	1336-08-23 02:48:13	0.731889231	1.309810769	0.690889085º	1.220518717º	228.6451667	61.3082008	1.006604892	Penumbral
1000	4017	2209266.617									
1000	4018	2209266.617									
1000	4019	2209266.617									
1000	4020	2209296.146	1336-09-21 15:30:09	0.73754547	1.30415453	0.716211211º	1.250302836º	227.0152204	59.58736214	0.998195352	Penumbral
1000	4021	2209443.468	1337-02-15 23:13:39	0.74850871	1.29319129	0.760664448º	1.297930877º	226.2908083	56.91674315	0.992296836	Umbral
1000	4022	2209443.468									
1000	4023	2209443.468									
1000	4024	2209443.468									
1000	4025	2209443.468									
1000	4026	2209472.901	1337-03-17 09:38:09	0.744135614	1.297564386	0.738017563º	1.270817205º	227.9424713	58.32873965	1.00061587	Grazing
1000	4027	2209620.731	1337-08-12 05:32:16	0.722234756	1.319465244	0.65805868º	1.18620242º	228.7538101	63.54554092	1.009436896	Umbral
1000	4028	2209620.731									
1000	4029	2209620.731									
1000	4030	2209620.731									
1000	4031	2209620.731									
1000	4032	2209798.124	1338-02-05 14:58:39	0.752382822	1.289317178	0.777732704º	1.316447454º	225.9175239	55.94778406	0.989629071	Total
1000	4033	2209798.124									
1000	4034	2209798.124									
1000	4035	2209798.124									
1000	4036	2209798.124									
1000	4037	2209798.124									
1000	4038	2209974.75	1338-08-01 06:00:16	0.725674104	1.316025896	0.667163438º	1.193995654º	229.5115942	62.96673649	1.011949843	Total
1000	4039	2209974.75									
1000	4040	2209974.75									
1000	4041	2209974.75									

1000	4042	2209974.75									
1000	4043	2209974.75									
1000	4044	2210152.748	1339-01-26 05:57:35	0.743927484	1.297772516	0.74685106º	1.286824511º	224.9754726	57.61649164	0.987322204	Umbral
1000	4045	2210152.748									
1000	4046	2210152.748									
1000	4047	2210152.748									
1000	4048	2210152.748									
1000	4049	2210328.977	1339-07-21 11:26:40	0.739805216	1.301894784	0.712523033º	1.238309768º	230.8232121	60.06515455	1.013962015	Umbral
1000	4050	2210328.977									
1000	4051	2210328.977									
1000	4052	2210328.977									
1000	4053	2210328.977									
1000	4054	2210328.977									
1000	4055	2210477.459	1339-12-16 23:00:23	0.719526463	1.322173537	0.666871034º	1.209217191º	222.7069134	62.46915506	0.983002776	Grazing
1000	4056	2210477.459									
1000	4057	2210477.459									
1000	4058	2210477.459									
1000	4059	2210477.459									
1000	4060	2210507.154	1340-01-15 15:41:15	0.727834317	1.313865683	0.692058147º	1.233063564º	223.6421351	60.87369299	0.985438892	Penumbral
1000	4061	2210654.209	1340-06-10 17:00:18	0.758238305	1.283461695	0.779967719º	1.304234263º	232.4848477	56.21267554	1.016902153	Penumbral
1000	4062	2210654.209									
1000	4063	2210654.209									
1000	4064	2210654.209									
1000	4065	2210654.209									
1000	4066	2210683.505	1340-07-10 00:06:49	0.753997836	1.287702164	0.763947964º	1.288953234º	231.9705206	57.0718562	1.015471289	Penumbral
1000	4067	2210831.445	1340-12-04 22:41:24	0.713675912	1.328024088	0.648918253º	1.191125299º	222.4416978	63.69601869	0.983254978	Total Penumbral
1000	4068	2210831.445									
1000	4069	2210831.445									
1000	4070	2210831.445									
1000	4071	2210831.445									
1000	4072	2210861.252	1341-01-03 18:03:17	0.715232096	1.326467904	0.653151702º	1.194941812º	222.6798636	63.4177173	0.984011647	Grazing
1000	4073	2211008.927	1341-05-31 10:14:59	0.757046973	1.284653027	0.775438071º	1.299962965º	232.3285946	56.45164109	1.016401288	Total
1000	4074	2211008.927									
1000	4075	2211008.927									
1000	4076	2211008.927									
1000	4077	2211185.465	1341-11-23 23:09:39	0.722470726	1.319229274	0.675510249º	1.217229523º	223.0833536	61.91799548	0.984140316	Total
1000	4078	2211185.465									
1000	4079	2211185.465									
1000	4080	2211185.465									
1000	4081	2211185.465									
1000	4082	2211185.465									
1000	4083	2211363.531	1342-05-21 00:44:15	0.745174145	1.296525855	0.730661745º	1.255721257º	231.45671	58.98747065	1.015366385	Total
1000	4084	2211363.531									
1000	4085	2211363.531									

1000	4086	2211363.531									
1000	4087	2211363.531									
1000	4088	2211363.531									
1000	4089	2211539.768	1342-11-13 06:26:19	0.738756484	1.302943516	0.729182175º	1.270115938º	224.325177	58.60980071	0.985569425	Total
1000	4090	2211539.768									
1000	4091	2211539.768									
1000	4092	2211539.768									
1000	4093	2211539.768									
1000	4094	2211539.768									
1000	4095	2211688.252	1343-04-10 18:02:58	0.722697591	1.319002409	0.661066416º	1.190326524º	228.2518062	63.30048457	1.007307693	Grazing
1000	4096	2211688.252									
1000	4097	2211688.252									
1000	4098	2211688.252									
1000	4099	2211688.252									
1000	4100	2211717.859	1343-05-10 08:36:17	0.729855008	1.311844992	0.679251849º	1.205124626º	230.1832298	62.18871511	1.013796115	Penumbral
1000	4101	2211864.935	1343-10-04 10:26:31	0.753733435	1.287966565	0.779359293º	1.315298204º	227.1018384	55.93432767	0.994754751	Grazing
1000	4102	2211864.935									
1000	4103	2211864.935									
1000	4104	2211864.935									
1000	4105	2211894.338	1343-11-02 20:07:06	0.750578215	1.291121785	0.772099207º	1.311971167º	225.3748941	56.22008423	0.987507812	Penumbral
1000	4106	2212042.256	1344-03-29 18:08:53	0.72171655	1.31998345	0.660007392º	1.190889879º	227.5100721	63.31798724	1.004229357	Total Penumbral
1000	4107	2212042.256									
1000	4108	2212042.256									
1000	4109	2212042.256									
1000	4110	2212042.256									
1000	4111	2212071.92	1344-04-28 10:04:17	0.722204494	1.319495506	0.656435127º	1.183419982º	229.2768094	63.69773656	1.011656735	Grazing
1000	4112	2212219.586	1344-09-23 02:03:28	0.747752014	1.293947986	0.753659627º	1.287954595º	227.4902586	57.39047462	0.997815457	Umbral
1000	4113	2212219.586									
1000	4114	2212219.586									
1000	4115	2212219.586									
1000	4116	2212219.586									
1000	4117	2212396.406	1345-03-18 21:44:08	0.733135607	1.308564393	0.699029564º	1.231619714º	227.4208089	60.69655578	1.00100946	Total
1000	4118	2212396.406									
1000	4119	2212396.406									
1000	4120	2212396.406									
1000	4121	2212396.406									
1000	4122	2212396.406									
1000	4123	2212574.043	1345-09-12 13:02:24	0.733753623	1.307946377	0.701180262º	1.233792193º	227.4380783	60.56062259	1.000968524	Total
1000	4124	2212574.043									
1000	4125	2212574.043									
1000	4126	2212574.043									
1000	4127	2212574.043									
1000	4128	2212574.043									
1000	4129	2212750.851	1346-03-08 08:26:00	0.747273397	1.294426603	0.7517715º	1.286053303º	227.4827299	57.49743634	0.997840043	Umbral

1000	4130	2212750.851									
1000	4131	2212750.851									
1000	4132	2212750.851									
1000	4133	2212750.851									
1000	4134	2212928.204	1346-09-01 16:54:10	0.721995432	1.319704568	0.660931757º	1.191857237º	227.5051846	63.25318799	1.004148036	Umbral
1000	4135	2212928.204									
1000	4136	2212928.204									
1000	4137	2212928.204									
1000	4138	2212928.204									
1000	4139	2212928.204									
1000	4140	2213076.095	1347-01-27 14:17:18	0.750826812	1.290873188	0.773065356º	1.312897532º	225.3945101	56.16895271	0.987580588	Penumbral
1000	4141	2213076.095									
1000	4142	2213076.095									
1000	4143	2213076.095									
1000	4144	2213076.095									
1000	4145	2213105.497	1347-02-25 23:56:12	0.753713252	1.287986748	0.779196817º	1.315097963º	227.1226171	55.94402755	0.994824852	Penumbral
1000	4146	2213252.597	1347-07-23 02:19:05	0.729328828	1.312371172	0.677567022º	1.203478276º	230.1437417	62.29913014	1.013721942	Penumbral
1000	4147	2213252.597									
1000	4148	2213252.597									
1000	4149	2213252.597									
1000	4150	2213252.597									
1000	4151	2213282.208	1347-08-21 16:59:34	0.722389417	1.319310583	0.660168153º	1.18948594º	228.2134213	63.36016189	1.007197928	Penumbral
1000	4152	2213430.673	1348-01-17 04:09:32	0.739390846	1.302309154	0.731429623º	1.272299803º	224.3725347	58.47985867	0.985685286	Umbral
1000	4153	2213430.673									
1000	4154	2213430.673									
1000	4155	2213430.673									
1000	4156	2213430.673									
1000	4157	2213460.155	1348-02-15 15:43:10	0.747927872	1.293772128	0.758691906º	1.296118712º	226.1864467	57.02185751	0.992000719	Grazing
1000	4158	2213606.911	1348-07-11 09:52:16	0.74455043	1.29714957	0.728425588º	1.2535184º	231.4100817	59.11990316	1.015301992	Umbral
1000	4159	2213606.911									
1000	4160	2213606.911									
1000	4161	2213606.911									
1000	4162	2213784.99	1349-01-05 11:45:30	0.723063489	1.318636511	0.677373278º	1.219062012º	223.1239689	61.79702402	0.984195803	Total
1000	4163	2213784.99									
1000	4164	2213784.99									
1000	4165	2213784.99									
1000	4166	2213784.99									
1000	4167	2213784.99									
1000	4168	2213961.506	1349-07-01 00:08:30	0.756747019	1.284952981	0.774237761º	1.298786093º	232.3088854	56.51652433	1.016355873	Total
1000	4169	2213961.506									
1000	4170	2213961.506									
1000	4171	2213961.506									
1000	4172	2213961.506									
1000	4173	2213961.506									

1000	4174	2214139.018	1349-12-25 12:25:47	0.713756884	1.327943116	0.649158557º	1.191359432º	222.4470969	63.67955467	0.98326617	Umbral
1000	4175	2214139.018									
1000	4176	2214139.018									
1000	4177	2214139.018									
1000	4178	2214139.018									
1000	4179	2214139.018									
1000	4180	2214316.223	1350-06-20 17:21:46	0.758427592	1.283272408	0.780728491º	1.30500396º	232.4958738	56.17133951	1.016884844	Umbral
1000	4181	2214316.223									
1000	4182	2214316.223									
1000	4183	2214316.223									
1000	4184	2214316.223									
1000	4185	2214316.223									
1000	4186	2214463.297	1350-11-14 19:08:02	0.727174859	1.314525141	0.689913716º	1.230951297º	223.5973408	61.00893592	0.985380307	Grazing
1000	4187	2214463.297									
1000	4188	2214463.297									
1000	4189	2214463.297									
1000	4190	2214492.999	1350-12-14 11:58:29	0.719029696	1.322670304	0.665338835º	1.207690427º	222.67725	62.57144069	0.982992924	Penumbral
1000	4191	2214641.469	1351-05-11 23:14:43	0.740453585	1.301246415	0.714763321º	1.240506047º	230.8733551	59.92852976	1.014046893	Penumbral
1000	4192	2214641.469									
1000	4193	2214641.469									
1000	4194	2214641.469									
1000	4195	2214641.469									
1000	4196	2214670.869	1351-06-10 08:51:06	0.748768089	1.292931911	0.74285477º	1.267135333º	232.002578	58.29287398	1.016874963	Penumbral
1000	4197	2214817.69	1351-11-04 04:34:01	0.743372642	1.298327358	0.744847267º	1.284848862º	224.9303729	57.72972606	0.987270746	Umbral
1000	4198	2214817.69									
1000	4199	2214817.69									
1000	4200	2214817.69									
1000	4201	2214817.69									
1000	4202	2214995.708	1352-04-30 04:59:42	0.726087083	1.315612917	0.668427322º	1.195230079º	229.5486235	62.88210667	1.012006429	Total
1000	4203	2214995.708									
1000	4204	2214995.708									
1000	4205	2214995.708									
1000	4206	2214995.708									
1000	4207	2214995.708									
1000	4208	2215172.309	1352-10-23 19:24:51	0.752283643	1.289416357	0.77738º	1.316127236º	225.8998772	55.96581587	0.989569397	Total
1000	4209	2215172.309									
1000	4210	2215172.309									
1000	4211	2215172.309									
1000	4212	2215172.309									
1000	4213	2215172.309									
1000	4214	2215349.731	1353-04-19 05:32:08	0.722080609	1.319619391	0.657548753º	1.185657282º	228.75812	63.5819961	1.0095042	Total
1000	4215	2215349.731									
1000	4216	2215349.731									
1000	4217	2215349.731									

1000	4218	2215349.731									
1000	4219	2215526.968	1353-10-13 11:13:47	0.748905983	1.292794017	0.762217409º	1.299542916º	226.3000814	56.8291861	0.992187736	Total
1000	4220	2215526.968									
1000	4221	2215526.968									
1000	4222	2215526.968									
1000	4223	2215526.968									
1000	4224	2215526.968									
1000	4225	2215674.299	1354-03-09 19:10:43	0.7369179	1.3047821	0.71397106º	1.24801593º	226.9975797	59.72516961	0.998282744	Grazing
1000	4226	2215674.299									
1000	4227	2215674.299									
1000	4228	2215674.299									
1000	4229	2215674.299									
1000	4230	2215703.834	1354-04-08 08:01:39	0.731309748	1.310390252	0.688933535º	1.218514377º	228.626914	61.43577524	1.006697629	Penumbral
1000	4231	2215851.919	1354-09-03 10:03:58	0.730173616	1.311526384	0.687274744º	1.218449415º	227.8725055	61.49195172	1.003676958	Grazing
1000	4232	2215851.919									
1000	4233	2215851.919									
1000	4234	2215851.919									
1000	4235	2215851.919									
1000	4236	2215881.474	1354-10-02 23:22:20	0.735822507	1.305877493	0.712332112º	1.248076451º	226.2406648	59.77384694	0.995116027	Penumbral
1000	4237	2216028.814	1355-02-27 07:32:19	0.749784027	1.291915973	0.763459342º	1.299158896º	226.9978398	56.80508535	0.995199218	Umbral
1000	4238	2216028.814									
1000	4239	2216028.814									
1000	4240	2216028.814									
1000	4241	2216058.226	1355-03-28 17:25:53	0.745764053	1.295935947	0.741780523º	1.272936559º	228.7292497	58.15760938	1.00371217	Grazing
1000	4242	2216206.014	1355-08-23 12:20:21	0.721152636	1.320547364	0.656572869º	1.186127814º	228.0612004	63.59993429	1.006746859	Umbral
1000	4243	2216206.014									
1000	4244	2216206.014									
1000	4245	2216206.014									
1000	4246	2216206.014									
1000	4247	2216383.48	1356-02-16 23:30:33	0.752910763	1.288789237	0.777855778º	1.315116427º	226.5297603	55.97979094	0.992307511	Total
1000	4248	2216383.48									
1000	4249	2216383.48									
1000	4250	2216383.48									
1000	4251	2216383.48									
1000	4252	2216383.48									
1000	4253	2216560.033	1356-08-11 12:47:47	0.725539416	1.316160584	0.668422612º	1.196486091º	228.9378814	62.84019774	1.009590323	Total
1000	4254	2216560.033									
1000	4255	2216560.033									
1000	4256	2216560.033									
1000	4257	2216560.033									
1000	4258	2216560.033									
1000	4259	2216738.102	1357-02-05 14:26:56	0.743811991	1.297888009	0.744785624º	1.283510846º	225.4706845	57.76932383	0.989609835	Umbral
1000	4260	2216738.102									
1000	4261	2216738.102									

1000	4262	2216738.102									
1000	4263	2216738.102									
1000	4264	2216738.102									
1000	4265	2216914.274	1357-07-31 18:34:51	0.740201043	1.301498957	0.715403596º	1.242183243º	230.3763019	59.85770631	1.012050829	Umbral
1000	4266	2216914.274									
1000	4267	2216914.274									
1000	4268	2216914.274									
1000	4269	2216914.274									
1000	4270	2217062.799	1357-12-27 07:11:14	0.719003573	1.322696427	0.665046941º	1.207198891º	222.7497578	62.59762944	0.983354902	Grazing
1000	4271	2217062.799									
1000	4272	2217062.799									
1000	4273	2217062.799									
1000	4274	2217062.799									
1000	4275	2217092.496	1358-01-25 23:54:47	0.727519494	1.314180506	0.689827674º	1.229834825º	224.0196568	61.04694839	0.98726059	Penumbral
1000	4276	2217239.518	1358-06-22 00:26:23	0.758515609	1.283184391	0.78113948º	1.305417763º	232.4884541	56.14908762	1.016879385	Penumbral
1000	4277	2217239.518									
1000	4278	2217239.518									
1000	4279	2217239.518									
1000	4280	2217239.518									
1000	4281	2217268.815	1358-07-21 07:32:58	0.754230924	1.287469076	0.766088579º	1.291843993º	231.6222127	56.93220154	1.01402242	Penumbral
1000	4282	2217416.78	1358-12-16 06:43:00	0.713703574	1.327996426	0.649145197º	1.191489975º	222.3916375	63.6755355	0.983005276	Total Penumbral
1000	4283	2217416.78									
1000	4284	2217416.78									
1000	4285	2217416.78									
1000	4286	2217416.78									
1000	4287	2217446.585	1359-01-15 02:02:05	0.715306432	1.326393568	0.652567454º	1.193619427º	222.9678596	63.48314955	0.985354095	Grazing
1000	4288	2217594.236	1359-06-11 17:39:39	0.756713892	1.284986108	0.773693381º	1.297961591º	232.4308244	56.55388128	1.016898922	Umbral
1000	4289	2217594.236									
1000	4290	2217594.236									
1000	4291	2217594.236									
1000	4292	2217594.236									
1000	4293	2217770.809	1359-12-05 07:24:18	0.722974229	1.318725771	0.677613087º	1.219798056º	222.937584	61.7653089	0.983295016	Total
1000	4294	2217770.809									
1000	4295	2217770.809									
1000	4296	2217770.809									
1000	4297	2217770.809									
1000	4298	2217948.828	1360-05-31 07:51:48	0.744525199	1.297174801	0.727491833º	1.252047398º	231.6684586	59.19174291	1.016341858	Total
1000	4299	2217948.828									
1000	4300	2217948.828									
1000	4301	2217948.828									
1000	4302	2217948.828									
1000	4303	2217948.828									
1000	4304	2218125.125	1360-11-23 15:00:33	0.739180124	1.302519876	0.731658605º	1.273339374º	224.0498839	58.44298719	0.984210273	Total
1000	4305	2218125.125									

1000	4306	2218125.125									
1000	4307	2218125.125									
1000	4308	2218125.125									
1000	4309	2218125.125									
1000	4310	2218273.536	1361-04-21 00:52:10	0.723106295	1.318593705	0.660480247º	1.188386992º	228.9002873	63.38675287	1.009890066	Grazing
1000	4311	2218273.536									
1000	4312	2218273.536									
1000	4313	2218273.536									
1000	4314	2218273.536									
1000	4315	2218303.138	1361-05-20 15:19:14	0.729563017	1.312136983	0.677148309º	1.202258097º	230.5435319	62.35334776	1.015269169	Penumbral
1000	4316	2218450.286	1361-10-14 18:52:26	0.752979586	1.288720414	0.778511857º	1.315988151º	226.4273906	55.9389185	0.99190938	Grazing
1000	4317	2218450.286									
1000	4318	2218450.286									
1000	4319	2218450.286									
1000	4320	2218450.286									
1000	4321	2218479.701	1361-11-13 04:49:47	0.750412644	1.291287356	0.77285564º	1.31375679º	224.9513353	56.1516915	0.985628848	Penumbral
1000	4322	2218627.546	1362-04-10 01:06:28	0.723043534	1.318656466	0.662158417º	1.191516791º	228.2548743	63.22238176	1.007120703	Penumbral
1000	4323	2218627.546									
1000	4324	2218627.546									
1000	4325	2218627.546									
1000	4326	2218657.193	1362-05-09 16:38:11	0.722853794	1.318846206	0.657022765º	1.182961351º	229.7965892	63.69292772	1.013669262	Grazing
1000	4327	2218804.925	1362-10-04 10:12:06	0.746290841	1.295409159	0.750344641º	1.28628536º	226.7367399	57.53167386	0.994751395	Umbral
1000	4328	2218804.925									
1000	4329	2218804.925									
1000	4330	2218804.925									
1000	4331	2218804.925									
1000	4332	2218981.718	1363-03-30 05:13:13	0.734905429	1.306794571	0.702894952º	1.233842115º	228.2157679	60.50483452	1.004107028	Total
1000	4333	2218981.718									
1000	4334	2218981.718									
1000	4335	2218981.718									
1000	4336	2218981.718									
1000	4337	2218981.718									
1000	4338	2219159.361	1363-09-23 20:40:01	0.731989043	1.309710957	0.697359106º	1.231660418º	226.6415875	60.74845394	0.997803609	Total
1000	4339	2219159.361									
1000	4340	2219159.361									
1000	4341	2219159.361									
1000	4342	2219159.361									
1000	4343	2219159.361									
1000	4344	2219336.185	1364-03-18 16:26:22	0.748757611	1.292942389	0.755129126º	1.287718443º	228.2607673	57.35530817	1.001011025	Total
1000	4345	2219336.185									
1000	4346	2219336.185									
1000	4347	2219336.185									
1000	4348	2219336.185									
1000	4349	2219336.185									

1000	4350	2219513.5	1364-09-12 00:00:33	0.720645051	1.321054949	0.658783996º	1.191358228º	226.7321011	63.34442321	1.001039378	Umbral
1000	4351	2219513.5									
1000	4352	2219513.5									
1000	4353	2219513.5									
1000	4354	2219513.5									
1000	4355	2219661.454	1365-02-06 22:54:01	0.751092484	1.290607516	0.772376912º	1.310909383º	225.9244066	56.24096069	0.989964035	Penumbral
1000	4356	2219661.454									
1000	4357	2219661.454									
1000	4358	2219661.454									
1000	4359	2219661.454									
1000	4360	2219690.843	1365-03-08 08:14:07	0.754505101	1.287194899	0.780053361º	1.314307115º	227.8463717	55.94186618	0.997892432	Penumbral
1000	4361	2219837.88	1365-08-02 09:07:45	0.729485951	1.312214049	0.679549708º	1.2065027º	229.6656073	62.13364405	1.011717905	Grazing
1000	4362	2219837.88									
1000	4363	2219837.88									
1000	4364	2219837.88									
1000	4365	2219837.88									
1000	4366	2219867.498	1365-08-31 23:57:26	0.721917463	1.319782537	0.660696587º	1.191536311º	227.509773	63.27219993	1.004310254	Penumbral
1000	4367	2220016.027	1366-01-27 12:38:51	0.739094591	1.302605409	0.729050658º	1.268876211º	224.7692894	58.64982466	0.987592703	Umbral
1000	4368	2220016.027									
1000	4369	2220016.027									
1000	4370	2220016.027									
1000	4371	2220016.027									
1000	4372	2220045.502	1366-02-26 00:02:53	0.748051244	1.293648756	0.757028444º	1.292908173º	226.8350437	57.15735131	0.99486461	Grazing
1000	4373	2220192.211	1366-07-22 17:03:57	0.74504514	1.29665486	0.731441519º	1.257313326º	231.0638612	58.91717759	1.013797985	Umbral
1000	4374	2220192.211									
1000	4375	2220192.211									
1000	4376	2220192.211									
1000	4377	2220192.211									
1000	4378	2220370.331	1367-01-16 19:56:32	0.722723279	1.318976721	0.675418915º	1.21633531º	223.4023124	61.95009403	0.98560107	Total
1000	4379	2220370.331									
1000	4380	2220370.331									
1000	4381	2220370.331									
1000	4382	2220370.331									
1000	4383	2220546.816	1367-07-12 07:35:27	0.756919129	1.284780871	0.77580908º	1.300881671º	232.0624079	56.41664096	1.015341092	Total
1000	4384	2220546.816									
1000	4385	2220546.816									
1000	4386	2220546.816									
1000	4387	2220546.816									
1000	4388	2220546.816									
1000	4389	2220724.351	1368-01-05 20:25:36	0.713916068	1.327783932	0.649117669º	1.190859869º	222.635917	63.69816265	0.98409867	Umbral
1000	4390	2220724.351									
1000	4391	2220724.351									
1000	4392	2220724.351									
1000	4393	2220724.351									

1000	4394	2220724.351									
1000	4395	2220901.534	1368-07-01 00:48:17	0.757986513	1.283713487	0.779377574º	1.303927248º	232.3435246	56.23700622	1.016353271	Umbral
1000	4396	2220901.534									
1000	4397	2220901.534									
1000	4398	2220901.534									
1000	4399	2220901.534									
1000	4400	2220901.534									
1000	4401	2221048.643	1368-11-25 03:26:35	0.727633519	1.314066481	0.692252661º	1.234026567º	223.3434314	60.83724488	0.984041076	Grazing
1000	4402	2221048.643									
1000	4403	2221048.643									
1000	4404	2221048.643									
1000	4405	2221048.643									
1000	4406	2221078.34	1368-12-24 20:09:35	0.719734136	1.321965864	0.667342256º	1.20956048º	222.7748071	62.44193729	0.983234709	Penumbral
1000	4407	2221226.762	1369-05-22 06:17:31	0.739916115	1.301783885	0.711747902º	1.236742415º	231.1991024	60.13731305	1.015492096	Penumbral
1000	4408	2221226.762									
1000	4409	2221226.762									
1000	4410	2221226.762									
1000	4411	2221256.167	1369-06-20 16:01:10	0.747891151	1.293808849	0.739570028º	1.263846111º	231.9561522	58.48459294	1.016883652	Penumbral
1000	4412	2221403.048	1369-11-14 13:09:21	0.74359494	1.29810506	0.746968154º	1.287979311º	224.5439589	57.58066471	0.985428435	Umbral
1000	4413	2221403.048									
1000	4414	2221403.048									
1000	4415	2221403.048									
1000	4416	2221403.048									
1000	4417	2221432.582	1369-12-14 01:58:46	0.735137426	1.306562574	0.718099574º	1.260449122º	223.5880726	59.2263189	0.982996629	Grazing
1000	4418	2221580.986	1370-05-11 11:40:27	0.726107063	1.315592937	0.667085103º	1.192873589º	230.0219619	63.00715301	1.01395864	Total
1000	4419	2221580.986									
1000	4420	2221580.986									
1000	4421	2221580.986									
1000	4422	2221580.986									
1000	4423	2221757.669	1370-11-04 04:03:35	0.751838405	1.289861595	0.777298677º	1.317296797º	225.3783813	55.93697937	0.9872771	Total
1000	4424	2221757.669									
1000	4425	2221757.669									
1000	4426	2221757.669									
1000	4427	2221757.669									
1000	4428	2221757.669									
1000	4429	2221935.009	1371-04-30 12:12:49	0.72308202	1.31861798	0.659006059º	1.185880777º	229.3742052	63.5235334	1.01186821	Total
1000	4430	2221935.009									
1000	4431	2221935.009									
1000	4432	2221935.009									
1000	4433	2221935.009									
1000	4434	2222112.32	1371-10-24 19:40:06	0.747701083	1.293998917	0.759490053º	1.298245211º	225.6624737	56.94096365	0.989554846	Total
1000	4435	2222112.32									
1000	4436	2222112.32									
1000	4437	2222112.32									

1000	4438	2222112.32									
1000	4439	2222112.32									
1000	4440	2222259.621	1372-03-20 02:54:20	0.738669212	1.303030788	0.717908458º	1.250300042º	227.7927765	59.53546962	1.001382806	Grazing
1000	4441	2222259.621									
1000	4442	2222259.621									
1000	4443	2222259.621									
1000	4444	2222259.621									
1000	4445	2222289.132	1372-04-18 15:09:47	0.732974349	1.308725651	0.692543969º	1.220724039º	229.3488972	61.24802259	1.009367465	Penumbral
1000	4446	2222437.227	1372-09-13 17:26:31	0.728451005	1.313248995	0.683740935º	1.216546216º	227.0783649	61.66880817	1.000605281	Grazing
1000	4447	2222437.227									
1000	4448	2222437.227									
1000	4449	2222437.227									
1000	4450	2222437.227									
1000	4451	2222466.807	1372-10-13 07:21:27	0.734151414	1.307548586	0.708563029º	1.24585824º	225.5107604	59.95783936	0.992243681	Penumbral
1000	4452	2222614.155	1373-03-09 15:43:49	0.751073993	1.290626007	0.766197561º	1.300266142º	227.7468112	56.69872805	0.998238423	Umbral
1000	4453	2222614.155									
1000	4454	2222614.155									
1000	4455	2222614.155									
1000	4456	2222614.155									
1000	4457	2222643.547	1373-04-08 01:07:03	0.74734641	1.29435359	0.745470869º	1.275103089º	229.4912944	57.9882437	1.006599972	Grazing
1000	4458	2222791.303	1373-09-02 19:16:05	0.720056986	1.321643014	0.655194951º	1.186278897º	227.322124	63.64289777	1.003848416	Total Penumbral
1000	4459	2222791.303									
1000	4460	2222791.303									
1000	4461	2222791.303									
1000	4462	2222968.83	1374-02-27 07:55:03	0.753465313	1.288234687	0.777862503º	1.313561552º	227.2062198	56.02093959	0.995200157	Total
1000	4463	2222968.83									
1000	4464	2222968.83									
1000	4465	2222968.83									
1000	4466	2222968.83									
1000	4467	2222968.83									
1000	4468	2223145.322	1374-08-22 19:43:43	0.725348425	1.316351575	0.669705873º	1.199177436º	228.2924024	62.70665183	1.006905405	Total
1000	4469	2223145.322									
1000	4470	2223145.322									
1000	4471	2223145.322									
1000	4472	2223145.322									
1000	4473	2223145.322									
1000	4474	2223323.45	1375-02-16 22:48:42	0.743761397	1.297938603	0.742719322º	1.279974803º	226.0506355	57.9293189	0.992317057	Umbral
1000	4475	2223323.45									
1000	4476	2223323.45									
1000	4477	2223323.45									
1000	4478	2223323.45									
1000	4479	2223323.45									
1000	4480	2223499.577	1375-08-12 01:50:29	0.740480567	1.301219433	0.718147936º	1.24617719º	229.8326151	59.65223704	1.009655761	Umbral
1000	4481	2223499.577									

1000	4482	2223499.577									
1000	4483	2223499.577									
1000	4484	2223499.577									
1000	4485	2223499.577									
1000	4486	2223648.138	1376-01-07 15:19:11	0.718672533	1.323027467	0.663481324º	1.205092436º	222.9254968	62.72079469	0.984336855	Grazing
1000	4487	2223648.138									
1000	4488	2223648.138									
1000	4489	2223648.138									
1000	4490	2223677.834	1376-02-06 08:01:05	0.727333892	1.314366108	0.687760428º	1.226476307º	224.5020281	61.22003483	0.989626998	Penumbral
1000	4491	2223824.829	1376-07-02 07:53:40	0.758605992	1.283094008	0.781988818º	1.306596426º	232.349456	56.09452874	1.016241033	Penumbral
1000	4492	2223824.829									
1000	4493	2223824.829									
1000	4494	2223824.829									
1000	4495	2223824.829									
1000	4496	2223854.128	1376-07-31 15:04:20	0.75430586	1.28739414	0.767949739º	1.294749263º	231.1572164	56.80061392	1.012012641	Penumbral
1000	4497	2224002.114	1376-12-26 14:44:37	0.713944724	1.327755276	0.64966306º	1.191808631º	222.477499	63.64647125	0.983366473	Total Penumbral
1000	4498	2224002.114									
1000	4499	2224002.114									
1000	4500	2224002.114									
1000	4501	2224002.114									
1000	4502	2224031.914	1377-01-25 09:55:30	0.715567904	1.326132096	0.65224055º	1.192265099º	223.3756658	63.54083987	0.987228781	Grazing
1000	4503	2224179.544	1377-06-22 01:02:57	0.756195912	1.285504088	0.771663673º	1.295964666º	232.3898569	56.66427018	1.016835339	Umbral
1000	4504	2224179.544									
1000	4505	2224179.544									
1000	4506	2224179.544									
1000	4507	2224179.544									
1000	4508	2224356.154	1377-12-15 15:41:37	0.723657256	1.318042744	0.679923474º	1.222277078º	222.924541	61.60945257	0.982989278	Total
1000	4509	2224356.154									
1000	4510	2224356.154									
1000	4511	2224356.154									
1000	4512	2224356.154									
1000	4513	2224356.154									
1000	4514	2224534.122	1378-06-11 14:55:35	0.743714843	1.297985157	0.724201182º	1.24846409º	231.7424246	59.39840432	1.016909206	Total
1000	4515	2224534.122									
1000	4516	2224534.122									
1000	4517	2224534.122									
1000	4518	2224534.122									
1000	4519	2224710.485	1378-12-04 23:38:46	0.73972739	1.30197261	0.734181044º	1.276379043º	223.8987641	58.28106222	0.983271385	Total
1000	4520	2224710.485									
1000	4521	2224710.485									
1000	4522	2224710.485									
1000	4523	2224710.485									
1000	4524	2224710.485									
1000	4525	2224888.415	1379-05-31 21:57:02	0.729152613	1.312547387	0.675058138º	1.199599693º	230.7782151	62.51150895	1.016369004	Umbral

1000	4526	2224888.415									
1000	4527	2224888.415									
1000	4528	2224888.415									
1000	4529	2224888.415									
1000	4530	2224888.415									
1000	4531	2225035.643	1379-10-26 03:25:23	0.752258425	1.289441575	0.777553004º	1.31646869º	225.8214178	55.95207653	0.989260086	Grazing
1000	4532	2225035.643									
1000	4533	2225035.643									
1000	4534	2225035.643									
1000	4535	2225035.643									
1000	4536	2225065.067	1379-11-24 13:37:06	0.750333064	1.291366936	0.773562006º	1.315264278º	224.6414886	56.09224093	0.984171204	Penumbral
1000	4537	2225212.831	1380-04-20 07:57:05	0.724348184	1.317351816	0.664410374º	1.192372093º	228.9487589	63.11587975	1.009784911	Penumbral
1000	4538	2225212.831									
1000	4539	2225212.831									
1000	4540	2225212.831									
1000	4541	2225212.831									
1000	4542	2225242.463	1380-05-19 23:07:09	0.723419549	1.318280451	0.657664539º	1.182789659º	230.2067255	63.67636075	1.015239525	Grazing
1000	4543	2225390.269	1380-10-14 18:27:42	0.744858219	1.296841781	0.747033891º	1.284521721º	226.0298257	57.67610987	0.991888091	Umbral
1000	4544	2225390.269									
1000	4545	2225390.269									
1000	4546	2225390.269									
1000	4547	2225567.025	1381-04-09 12:35:47	0.73665113	1.30504887	0.706783427º	1.236220319º	228.9840253	60.30879203	1.006971343	Total
1000	4548	2225567.025									
1000	4549	2225567.025									
1000	4550	2225567.025									
1000	4551	2225567.025									
1000	4552	2225567.025									
1000	4553	2225744.684	1381-10-04 04:24:49	0.730263552	1.311436448	0.693680791º	1.229579141º	225.8697115	60.93128655	0.994830041	Total
1000	4554	2225744.684									
1000	4555	2225744.684									
1000	4556	2225744.684									
1000	4557	2225744.684									
1000	4558	2225744.684									
1000	4559	2225921.514	1382-03-30 00:19:43	0.750211671	1.291488329	0.758380816º	1.28937976º	229.0356189	57.21698079	1.004009111	Total
1000	4560	2225921.514									
1000	4561	2225921.514									
1000	4562	2225921.514									
1000	4563	2225921.514									
1000	4564	2225921.514									
1000	4565	2226098.802	1382-09-23 07:15:10	0.71933441	1.32236559	0.656804897º	1.19101212º	225.9599345	63.42484944	0.997979352	Umbral
1000	4566	2226098.802									
1000	4567	2226098.802									
1000	4568	2226098.802									
1000	4569	2226098.802									

1000	4570	2226098.802									
1000	4571	2226246.808	1383-02-18 07:23:44	0.751406297	1.290293703	0.771603204º	1.3086752º	226.5360322	56.32210223	0.992656071	Penumbral
1000	4572	2226246.808									
1000	4573	2226246.808									
1000	4574	2226246.808									
1000	4575	2226276.183	1383-03-19 16:24:14	0.755276177	1.286423823	0.780752145º	1.31334699º	228.5911804	55.94845776	1.001000633	Penumbral
1000	4576	2226423.17	1383-08-13 16:04:09	0.729556473	1.312143527	0.681514212º	1.209719678º	229.0958258	61.96337047	1.009318933	Grazing
1000	4577	2226423.17									
1000	4578	2226423.17									
1000	4579	2226423.17									
1000	4580	2226423.17									
1000	4581	2226452.795	1383-09-12 07:04:50	0.721447436	1.320252564	0.661300688º	1.193756303º	226.7809862	63.17613528	1.001262383	Penumbral
1000	4582	2226601.376	1384-02-07 21:01:16	0.738892227	1.302807773	0.726726665º	1.265250007º	225.2663743	58.82508204	0.989980816	Umbral
1000	4583	2226601.376									
1000	4584	2226601.376									
1000	4585	2226601.376									
1000	4586	2226601.376									
1000	4587	2226630.843	1384-03-08 08:14:02	0.748186754	1.293513246	0.755275148º	1.289511655º	227.5284714	57.30121181	0.997924647	Grazing
1000	4588	2226777.515	1384-08-02 00:21:54	0.745398695	1.296301305	0.734273309º	1.261207325º	230.603984	58.71842288	1.011754339	Umbral
1000	4589	2226777.515									
1000	4590	2226777.515									
1000	4591	2226777.515									
1000	4592	2226777.515									
1000	4593	2226955.668	1385-01-27 04:01:33	0.722542307	1.319157693	0.673666623º	1.213513677º	223.7980202	62.10030015	0.987553372	Total
1000	4594	2226955.668									
1000	4595	2226955.668									
1000	4596	2226955.668									
1000	4597	2226955.668									
1000	4598	2226955.668									
1000	4599	2227132.129	1385-07-22 15:06:16	0.756918761	1.284781239	0.777075958º	1.302973294º	231.6872882	56.3255527	1.013748771	Total
1000	4600	2227132.129									
1000	4601	2227132.129									
1000	4602	2227132.129									
1000	4603	2227132.129									
1000	4604	2227309.682	1386-01-16 04:21:50	0.714278235	1.327421765	0.649360195º	1.190323819º	222.9529119	63.70810559	0.985515022	Umbral
1000	4605	2227309.682									
1000	4606	2227309.682									
1000	4607	2227309.682									
1000	4608	2227309.682									
1000	4609	2227309.682									
1000	4610	2227486.845	1386-07-12 08:16:10	0.757364693	1.284335307	0.777740059º	1.302832057º	232.0537867	56.311167	1.015303565	Umbral
1000	4611	2227486.845									
1000	4612	2227486.845									
1000	4613	2227486.845									

1000	4614	2227486.845									
1000	4615	2227486.845									
1000	4616	2227633.993	1386-12-06 11:49:18	0.728250103	1.313449897	0.694756505º	1.236977993º	223.2167893	60.66514205	0.983228791	Grazing
1000	4617	2227633.993									
1000	4618	2227633.993									
1000	4619	2227633.993									
1000	4620	2227633.993									
1000	4621	2227663.681	1387-01-05 04:19:58	0.720630335	1.321069665	0.66960001º	1.211364226º	223.0050413	62.30662681	0.984058678	Penumbral
1000	4622	2227812.052	1387-06-02 13:15:15	0.739233641	1.302466359	0.708631393º	1.233119882º	231.3958506	60.34637883	1.016471837	Penumbral
1000	4623	2227812.052									
1000	4624	2227812.052									
1000	4625	2227812.052									
1000	4626	2227812.052									
1000	4627	2227988.41	1387-11-25 21:49:46	0.743919133	1.297780867	0.74910872º	1.29087049º	224.2730025	57.43850121	0.984063121	Umbral
1000	4628	2227988.41									
1000	4629	2227988.41									
1000	4630	2227988.41									
1000	4631	2227988.41									
1000	4632	2228017.94	1387-12-25 10:33:35	0.736021971	1.305678029	0.721022753º	1.263230454º	223.6904701	59.05560147	0.983253792	Grazing
1000	4633	2228166.261	1388-05-21 18:15:12	0.726030004	1.315669996	0.665752626º	1.190773214º	230.3827454	63.12371107	1.01544166	Umbral
1000	4634	2228166.261									
1000	4635	2228166.261									
1000	4636	2228166.261									
1000	4637	2228166.261									
1000	4638	2228343.033	1388-11-14 12:47:53	0.751463787	1.290236213	0.777164755º	1.318181062º	224.9588953	55.91715185	0.985419055	Total
1000	4639	2228343.033									
1000	4640	2228343.033									
1000	4641	2228343.033									
1000	4642	2228343.033									
1000	4643	2228343.033									
1000	4644	2228520.283	1389-05-10 18:48:04	0.724016696	1.317683304	0.660527131º	1.186381171º	229.8972549	63.45350939	1.013832238	Total
1000	4645	2228520.283									
1000	4646	2228520.283									
1000	4647	2228520.283									
1000	4648	2228520.283									
1000	4649	2228520.283									
1000	4650	2228697.675	1389-11-04 04:12:26	0.746562093	1.295137907	0.75676612º	1.296774396º	225.1096547	57.05786219	0.987258532	Total
1000	4651	2228697.675									
1000	4652	2228697.675									
1000	4653	2228697.675									
1000	4654	2228697.675									
1000	4655	2228844.938	1390-03-31 10:31:09	0.740410794	1.301289206	0.721875887º	1.252658538º	228.5826897	59.34383756	1.004418243	Grazing
1000	4656	2228844.938									
1000	4657	2228844.938									

1000	4658	2228844.938									
1000	4659	2228844.938									
1000	4660	2228874.426	1390-04-29 22:12:49	0.734571976	1.307128024	0.696190385º	1.223119758º	229.9996803	61.05437672	1.011763254	Total Penumbral
1000	4661	2229022.539	1390-09-25 00:56:22	0.726752781	1.314947219	0.680318736º	1.214786233º	226.2876861	61.83835753	0.997493356	Grazing
1000	4662	2229022.539									
1000	4663	2229022.539									
1000	4664	2229022.539									
1000	4665	2229022.539									
1000	4666	2229052.144	1390-10-24 15:27:09	0.73256036	1.30913964	0.704902858º	1.243654328º	224.8471405	60.13912922	0.98956162	Penumbral
1000	4667	2229199.492	1391-03-20 23:48:03	0.752350708	1.289349292	0.768863795º	1.301253831º	228.5141104	56.59800459	1.001385716	Umbral
1000	4668	2229199.492									
1000	4669	2229199.492									
1000	4670	2229199.492									
1000	4671	2229199.492									
1000	4672	2229228.863	1391-04-19 08:42:18	0.74885395	1.29284605	0.749097535º	1.277282619º	230.2041192	57.82133114	1.009357883	Grazing
1000	4673	2229376.597	1391-09-14 02:20:14	0.718976957	1.322723043	0.653926393º	1.186645854º	226.5615799	63.67467063	1.000766476	Penumbral
1000	4674	2229376.597									
1000	4675	2229376.597									
1000	4676	2229376.597									
1000	4677	2229376.597									
1000	4678	2229554.175	1392-03-09 16:11:43	0.754021335	1.287678665	0.777743328º	1.311791144º	227.9245791	56.07130785	0.998277237	Total
1000	4679	2229554.175									
1000	4680	2229554.175									
1000	4681	2229554.175									
1000	4682	2229554.175									
1000	4683	2229730.617	1392-09-02 02:48:55	0.725125164	1.316574836	0.671029401º	1.202028471º	227.5989243	62.5670121	1.004008873	Total
1000	4684	2229730.617									
1000	4685	2229730.617									
1000	4686	2229730.617									
1000	4687	2229730.617									
1000	4688	2229730.617									
1000	4689	2229908.793	1393-02-27 07:02:04	0.743753287	1.297946713	0.740587768º	1.27628928º	226.6955064	58.09637975	0.995195582	Umbral
1000	4690	2229908.793									
1000	4691	2229908.793									
1000	4692	2229908.793									
1000	4693	2229908.793									
1000	4694	2229908.793									
1000	4695	2230084.885	1393-08-22 09:14:28	0.74066322	1.30103678	0.720801776º	1.250214111º	229.2132176	59.44964741	1.007018051	Total
1000	4696	2230084.885									
1000	4697	2230084.885									
1000	4698	2230084.885									
1000	4699	2230084.885									
1000	4700	2230084.885									
1000	4701	2230233.474	1394-01-17 23:22:35	0.718525762	1.323174238	0.662128994º	1.202942369º	223.2279492	62.83863447	0.985788818	Grazing

1000	4702	2230233.474									
1000	4703	2230233.474									
1000	4704	2230233.474									
1000	4705	2230233.474									
1000	4706	2230263.166	1394-02-16 15:59:00	0.727258102	1.314441898	0.685775274º	1.223077749º	225.0728287	61.39271385	0.992230267	Penumbral
1000	4707	2230410.141	1394-07-13 15:23:21	0.758514349	1.283185651	0.782558199º	1.307718601º	232.0734312	56.04917045	1.015171318	Penumbral
1000	4708	2230410.141									
1000	4709	2230410.141									
1000	4710	2230410.141									
1000	4711	2230439.446	1394-08-11 22:41:53	0.754239091	1.287460909	0.769589869º	1.297591044º	230.5933685	56.67749001	1.009709455	Penumbral
1000	4712	2230587.448	1395-01-06 22:44:33	0.714395745	1.327304255	0.650451533º	1.192104767º	222.6967416	63.60875281	0.984260305	Total Penumbral
1000	4713	2230587.448									
1000	4714	2230587.448									
1000	4715	2230587.448									
1000	4716	2230587.448									
1000	4717	2230617.238	1395-02-05 17:42:11	0.715999813	1.325700187	0.652134146º	1.190923485º	223.8902437	63.59050115	0.989492068	Grazing
1000	4718	2230764.852	1395-07-03 08:26:10	0.755495108	1.286204892	0.769366304º	1.293975717º	232.2066782	56.7823217	1.016237538	Umbral
1000	4719	2230764.852									
1000	4720	2230764.852									
1000	4721	2230764.852									
1000	4722	2230764.852									
1000	4723	2230941.5	1395-12-26 23:59:53	0.724520764	1.317179236	0.682476943º	1.224636548º	223.045442	61.45028345	0.983341018	Total
1000	4724	2230941.5									
1000	4725	2230941.5									
1000	4726	2230941.5									
1000	4727	2230941.5									
1000	4728	2230941.5									
1000	4729	2231119.415	1396-06-21 21:56:58	0.742741586	1.298958414	0.720739079º	1.245056825º	231.6746005	59.60647098	1.016802849	Total
1000	4730	2231119.415									
1000	4731	2231119.415									
1000	4732	2231119.415									
1000	4733	2231119.415									
1000	4734	2231119.415									
1000	4735	2231295.847	1396-12-15 08:19:20	0.740404847	1.301295153	0.736826302º	1.279160881º	223.8773068	58.12383325	0.983023762	Total
1000	4736	2231295.847									
1000	4737	2231295.847									
1000	4738	2231295.847									
1000	4739	2231295.847									
1000	4740	2231473.688	1397-06-11 04:31:09	0.728616261	1.313083739	0.672931618º	1.197225255º	230.8776513	62.6622544	1.016849605	Umbral
1000	4741	2231473.688									
1000	4742	2231473.688									
1000	4743	2231473.688									
1000	4744	2231473.688									
1000	4745	2231473.688									

1000	4746	2231621.003	1397-11-05 12:04:35	0.751592479	1.290107521	0.776551549º	1.316675012º	225.3029993	55.97367373	0.987047989	Grazing
1000	4747	2231621.003									
1000	4748	2231621.003									
1000	4749	2231621.003									
1000	4750	2231621.003									
1000	4751	2231650.436	1397-12-04 22:27:41	0.750351312	1.291348688	0.774270956º	1.316442035º	224.4551249	56.04162239	0.983320209	Penumbral
1000	4752	2231798.112	1398-05-01 14:41:49	0.725602974	1.316097026	0.666729899º	1.193487125º	229.5685311	62.99868137	1.012093904	Penumbral
1000	4753	2231798.112									
1000	4754	2231798.112									
1000	4755	2231798.112									
1000	4756	2231798.112									
1000	4757	2231827.731	1398-05-31 05:32:42	0.723885968	1.317814032	0.658347778º	1.182921307º	230.4926214	63.64793393	1.016307052	Grazing
1000	4758	2231975.618	1398-10-26 02:49:51	0.743480684	1.298219316	0.743742314º	1.282658907º	225.3908277	57.82353022	0.989258421	Umbral
1000	4759	2231975.618									
1000	4760	2231975.618									
1000	4761	2231975.618									
1000	4762	2231975.618									
1000	4763	2232005.087	1398-11-24 14:04:45	0.748162588	1.293537412	0.765182091º	1.306878355º	224.5120163	56.547141	0.98418212	Grazing
1000	4764	2232152.328	1399-04-20 19:52:35	0.73834279	1.30335721	0.710708762º	1.238720792º	229.7012165	60.10912142	1.009688695	Total
1000	4765	2232152.328									
1000	4766	2232152.328									
1000	4767	2232152.328									
1000	4768	2232330.012	1399-10-15 12:16:41	0.728607341	1.313092659	0.690107898º	1.227591372º	225.1457454	61.10886429	0.991896129	Total
1000	4769	2232330.012									
1000	4770	2232330.012									
1000	4771	2232330.012									
1000	4772	2232330.012									
1000	4773	2232330.012									
1000	4774	2232506.838	1400-04-09 08:06:28	0.751606655	1.290093345	0.761549895º	1.290991956º	229.7823851	57.0829992	1.006961513	Total
1000	4775	2232506.838									
1000	4776	2232506.838									
1000	4777	2232506.838									
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1000	4779	2232506.838									
1000	4780	2232684.11	1400-10-03 14:38:16	0.718094291	1.323605709	0.654979448º	1.190826569º	225.2135631	63.49464418	0.99492515	Total
1000	4781	2232684.11									
1000	4782	2232684.11									
1000	4783	2232684.11									
1000	4784	2232684.11									
1000	4785	2232684.11									
1000	4786	2232832.157	1401-02-28 15:45:46	0.751745236	1.289954764	0.770727954º	1.306213059º	227.2091422	56.41241525	0.995597773	Penumbral
1000	4787	2232832.157									
1000	4788	2232832.157									
1000	4789	2232832.157									

1000	4790	2232832.157									
1000	4791	2232861.519	1401-03-30 00:26:39	0.755999163	1.285700837	0.781267125º	1.31223849º	229.3320117	55.96395766	1.004061259	Penumbral
1000	4792	2233008.465	1401-08-23 23:09:20	0.729561081	1.312138919	0.683467565º	1.213093744º	228.4560499	61.78931116	1.006611454	Grazing
1000	4793	2233008.465									
1000	4794	2233008.465									
1000	4795	2233008.465									
1000	4796	2233038.099	1401-09-22 14:22:11	0.7210073	1.3206927	0.661997568º	1.19610759º	226.0526227	63.07274748	0.998160971	Penumbral
1000	4797	2233186.719	1402-02-18 05:15:43	0.738764051	1.302935949	0.724404488º	1.261480631º	225.8467882	59.00556048	0.992648408	Umbral
1000	4798	2233186.719									
1000	4799	2233186.719									
1000	4800	2233186.719									
1000	4801	2233186.719									
1000	4802	2233216.178	1402-03-19 16:16:18	0.74830846	1.29339154	0.753397469º	1.285975473º	228.2426197	57.45324924	1.001032287	Grazing
1000	4803	2233362.824	1402-08-13 07:47:08	0.745627285	1.296072715	0.73696456º	1.265125631º	230.0485871	58.52445425	1.009403773	Umbral
1000	4804	2233362.824									
1000	4805	2233362.824									
1000	4806	2233362.824									
1000	4807	2233362.824									
1000	4808	2233540.999	1403-02-07 11:59:11	0.722504353	1.319195647	0.672067931º	1.210650732º	224.2977588	62.24745541	0.989871524	Total
1000	4809	2233540.999									
1000	4810	2233540.999									
1000	4811	2233540.999									
1000	4812	2233540.999									
1000	4813	2233540.999									
1000	4814	2233717.446	1403-08-02 22:42:00	0.756759173	1.284940827	0.778079934º	1.305006569º	231.1979155	56.24350022	1.011768513	Total
1000	4815	2233717.446									
1000	4816	2233717.446									
1000	4817	2233717.446									
1000	4818	2233717.446									
1000	4819	2233717.446									
1000	4820	2233895.009	1404-01-27 12:12:58	0.714830309	1.326869691	0.649859552º	1.189784431º	223.388242	63.70916628	0.987411023	Umbral
1000	4821	2233895.009									
1000	4822	2233895.009									
1000	4823	2233895.009									
1000	4824	2233895.009									
1000	4825	2234072.157	1404-07-22 15:46:37	0.756572945	1.285127055	0.775825236º	1.30172683º	231.6369373	56.39340588	1.013740562	Umbral
1000	4826	2234072.157									
1000	4827	2234072.157									
1000	4828	2234072.157									
1000	4829	2234072.157									
1000	4830	2234072.157									
1000	4831	2234219.343	1404-12-16 20:14:32	0.729030183	1.312669817	0.697447612º	1.239787329º	223.2221902	60.49250212	0.983014448	Grazing
1000	4832	2234219.343									
1000	4833	2234219.343									

1000	4834	2234219.343									
1000	4835	2234219.343									
1000	4836	2234249.019	1405-01-15 12:28:01	0.721709259	1.319990741	0.672100489º	1.213122193º	223.3617181	62.16530304	0.985409224	Penumbral
1000	4837	2234397.34	1405-06-12 20:09:16	0.738400212	1.303299788	0.705411978º	1.229673491º	231.4550377	60.55468609	1.016911913	Penumbral
1000	4838	2234397.34									
1000	4839	2234397.34									
1000	4840	2234397.34									
1000	4841	2234397.34									
1000	4842	2234426.764	1405-07-12 06:19:39	0.745636494	1.296063506	0.732507834º	1.257590079º	231.443489	58.87710981	1.015322425	Penumbral
1000	4843	2234573.773	1405-12-06 06:33:47	0.744356167	1.297343833	0.7512967º	1.293496315º	224.1266023	57.30307894	0.983268455	Umbral
1000	4844	2234573.773									
1000	4845	2234573.773									
1000	4846	2234573.773									
1000	4847	2234573.773									
1000	4848	2234603.297	1406-01-04 19:07:50	0.737049248	1.304650752	0.724072257º	1.265848882º	223.9225906	58.88687221	0.984036139	Grazing
1000	4849	2234751.532	1406-06-02 00:45:25	0.725843209	1.315856791	0.66443446º	1.18894493º	230.6171027	63.23098467	1.016429238	Umbral
1000	4850	2234751.532									
1000	4851	2234751.532									
1000	4852	2234751.532									
1000	4853	2234928.4	1406-11-25 21:36:30	0.751175525	1.290524475	0.777000044º	1.31876051º	224.6544447	55.90624285	0.98406549	Total
1000	4854	2234928.4									
1000	4855	2234928.4									
1000	4856	2234928.4									
1000	4857	2234928.4									
1000	4858	2234928.4									
1000	4859	2235105.555	1407-05-22 01:19:19	0.724864047	1.316835953	0.662098082º	1.187170655º	230.3092241	63.37206726	1.015341128	Total
1000	4860	2235105.555									
1000	4861	2235105.555									
1000	4862	2235105.555									
1000	4863	2235105.555									
1000	4864	2235105.555									
1000	4865	2235283.035	1407-11-15 12:49:48	0.745509525	1.296190475	0.754080639º	1.295099489º	224.6578887	57.17981217	0.985414423	Total
1000	4866	2235283.035									
1000	4867	2235283.035									
1000	4868	2235283.035									
1000	4869	2235283.035									
1000	4870	2235283.035									
1000	4871	2235459.717	1408-05-10 05:11:53	0.736076971	1.305623029	0.699816971º	1.225736096º	230.558173	60.85565948	1.01370677	Umbral
1000	4872	2235459.717									
1000	4873	2235459.717									
1000	4874	2235459.717									
1000	4875	2235459.717									
1000	4876	2235607.857	1408-10-05 08:33:42	0.725110225	1.316589775	0.677053893º	1.213126839º	225.5249169	62.00034148	0.99450603	Grazing
1000	4877	2235607.857									

1000	4878	2235607.857									
1000	4879	2235607.857									
1000	4880	2235607.857									
1000	4881	2235637.485	1408-11-03 23:38:45	0.731074924	1.310625076	0.701423258º	1.241392185º	224.2690925	60.31764323	0.987330477	Penumbral
1000	4882	2235784.823	1409-03-31 07:45:10	0.753585708	1.288114292	0.771384682º	1.302179791º	229.2750333	56.503314	1.004394669	Umbral
1000	4883	2235784.823									
1000	4884	2235784.823									
1000	4885	2235784.823									
1000	4886	2235784.823									
1000	4887	2235814.175	1409-04-29 16:12:28	0.750259893	1.291440107	0.752570734º	1.279538779º	230.8444397	57.65762152	1.011689005	Grazing
1000	4888	2235961.898	1409-09-24 09:33:18	0.717942602	1.323757398	0.652809443º	1.187174741º	225.804958	63.69559487	0.99768413	Penumbral
1000	4889	2235961.898									
1000	4890	2235961.898									
1000	4891	2235961.898									
1000	4892	2235961.898									
1000	4893	2236139.514	1410-03-21 00:20:19	0.754552327	1.287147673	0.777459313º	1.30984477º	228.660656	56.1309478	1.001394329	Total
1000	4894	2236139.514									
1000	4895	2236139.514									
1000	4896	2236139.514									
1000	4897	2236139.514									
1000	4898	2236139.514									
1000	4899	2236315.919	1410-09-13 10:04:03	0.724895699	1.316804301	0.672386986º	1.205020824º	226.882577	62.42217946	1.000927354	Total
1000	4900	2236315.919									
1000	4901	2236315.919									
1000	4902	2236315.919									
1000	4903	2236315.919									
1000	4904	2236494.129	1411-03-10 15:06:27	0.743763047	1.297936953	0.738411096º	1.272445016º	227.3829532	58.27029752	0.998303213	Umbral
1000	4905	2236494.129									
1000	4906	2236494.129									
1000	4907	2236494.129									
1000	4908	2236494.129									
1000	4909	2236494.129									
1000	4910	2236670.2	1411-09-02 16:47:30	0.74077146	1.30092854	0.72332663º	1.254304164º	228.5416018	59.25075718	1.004049596	Total
1000	4911	2236670.2									
1000	4912	2236670.2									
1000	4913	2236670.2									
1000	4914	2236670.2									
1000	4915	2236670.2									
1000	4916	2236818.806	1412-01-29 07:19:57	0.718550674	1.323149326	0.661017435º	1.200722878º	223.6470274	62.9510127	0.987812491	Grazing
1000	4917	2236818.806									
1000	4918	2236818.806									
1000	4919	2236818.806									
1000	4920	2236818.806									
1000	4921	2236848.491	1412-02-27 23:47:39	0.727269513	1.314430487	0.683908954º	1.219613245º	225.7125495	61.56460037	0.995190419	Penumbral

1000	4922	2236995.456	1412-07-23 22:56:37	0.758250512	1.283449488	0.782803396º	1.308824615º	231.670914	56.01309372	1.013510023	Penumbral
1000	4923	2236995.456									
1000	4924	2236995.456									
1000	4925	2236995.456									
1000	4926	2236995.456									
1000	4927	2237024.768	1412-08-22 06:26:29	0.754050752	1.287649248	0.770966228º	1.30039734º	229.9518265	56.56314475	1.006982336	Penumbral
1000	4928	2237172.779	1413-01-17 06:41:09	0.715047596	1.326652404	0.651521087º	1.192373378º	223.0428351	63.56221722	0.985717888	Total Penumbral
1000	4929	2237172.779									
1000	4930	2237172.779									
1000	4931	2237172.779									
1000	4932	2237202.556	1413-02-16 01:21:05	0.716581276	1.325118724	0.652246425º	1.189606485º	224.4951164	63.63175052	0.992123935	Grazing
1000	4933	2237350.16	1413-07-13 15:50:31	0.754618692	1.287081308	0.76682376º	1.291995861º	231.8874234	56.90746984	1.015148704	Umbral
1000	4934	2237350.16									
1000	4935	2237350.16									
1000	4936	2237350.16									
1000	4937	2237350.16									
1000	4938	2237526.845	1414-01-06 08:17:25	0.725560374	1.316139626	0.685231608º	1.226927219º	223.2974965	61.28760106	0.984183307	Total
1000	4939	2237526.845									
1000	4940	2237526.845									
1000	4941	2237526.845									
1000	4942	2237526.845									
1000	4943	2237526.845									
1000	4944	2237704.706	1414-07-03 04:57:19	0.741609192	1.300090808	0.717187503º	1.241776128º	231.4661523	59.81492563	1.016277808	Total
1000	4945	2237704.706									
1000	4946	2237704.706									
1000	4947	2237704.706									
1000	4948	2237704.706									
1000	4949	2237704.706									
1000	4950	2237881.209	1414-12-26 17:00:37	0.74121406	1.30048594	0.739544851º	1.281740727º	223.9869933	57.97107792	0.983275235	Total
1000	4951	2237881.209									
1000	4952	2237881.209									
1000	4953	2237881.209									
1000	4954	2237881.209									
1000	4955	2237881.209									
1000	4956	2238058.961	1415-06-22 11:03:08	0.727951529	1.313748471	0.670818291º	1.195107207º	230.8372107	62.80470596	1.016858762	Umbral
1000	4957	2238058.961									
1000	4958	2238058.961									
1000	4959	2238058.961									
1000	4960	2238058.961									
1000	4961	2238206.367	1415-11-16 20:49:02	0.751001043	1.290698957	0.7754939º	1.316625369º	224.8881196	56.00361251	0.985209341	Grazing
1000	4962	2238206.367									
1000	4963	2238206.367									
1000	4964	2238206.367									
1000	4965	2238206.367									

1000	4966	2238235.806	1415-12-16 07:20:00	0.750474559	1.291225441	0.77496291º	1.317312043º	224.3980924	55.99973407	0.982997383	Penumbral
1000	4967	2238383.39	1416-05-11 21:21:55	0.726783284	1.314916716	0.669104455º	1.194867874º	230.0933698	62.87113503	1.014006982	Penumbral
1000	4968	2238383.39									
1000	4969	2238383.39									
1000	4970	2238383.39									
1000	4971	2238383.39									
1000	4972	2238412.998	1416-06-10 11:56:28	0.724241953	1.317458047	0.659064983º	1.183363668º	230.6442019	63.60768803	1.016839816	Penumbral
1000	4973	2238560.971	1416-11-05 11:17:49	0.742182179	1.299517821	0.740527154º	1.280644905º	224.8385877	57.97379616	0.987058427	Umbral
1000	4974	2238560.971									
1000	4975	2238560.971									
1000	4976	2238560.971									
1000	4977	2238560.971									
1000	4978	2238590.453	1416-12-04 22:52:14	0.747494624	1.294205376	0.763218157º	1.305382446º	224.2940534	56.64205306	0.983332522	Grazing
1000	4979	2238737.628	1417-05-01 03:04:35	0.739952537	1.301747463	0.714587206º	1.241405002º	230.3443191	59.90663195	1.011977542	Umbral
1000	4980	2238737.628									
1000	4981	2238737.628									
1000	4982	2238737.628									
1000	4983	2238737.628									
1000	4984	2238915.344	1417-10-25 20:15:13	0.727048738	1.314651262	0.686730875º	1.225605277º	224.4911552	61.28107653	0.989335874	Total
1000	4985	2238915.344									
1000	4986	2238915.344									
1000	4987	2238915.344									
1000	4988	2238915.344									
1000	4989	2239092.158	1418-04-20 15:47:15	0.752914814	1.288785186	0.764560067º	1.292608843º	230.4766008	56.95396401	1.009618432	Total
1000	4990	2239092.158									
1000	4991	2239092.158									
1000	4992	2239092.158									
1000	4993	2239092.158									
1000	4994	2239092.158									
1000	4995	2239269.423	1418-10-14 22:09:43	0.716954516	1.324745484	0.653352464º	1.190746025º	224.5166896	63.55407576	0.992062087	Total
1000	4996	2239269.423									
1000	4997	2239269.423									
1000	4998	2239269.423									
1000	4999	2239269.423									
1000	5000	2239269.423									
1000	5001	2239417.5	1419-03-11 23:59:36	0.752084185	1.289615815	0.769717263º	1.303561061º	227.9210612	56.51189017	0.998658746	Grazing
1000	5002	2239417.5									
1000	5003	2239417.5									
1000	5004	2239417.5									
1000	5005	2239417.5									
1000	5006	2239446.848	1419-04-10 08:21:39	0.756647075	1.285052925	0.781568737º	1.311007088º	230.0434493	55.98850384	1.006968567	Umbral
1000	5007	2239593.767	1419-09-04 06:24:03	0.729523305	1.312176695	0.685413432º	1.216593159º	227.7701535	61.61243889	1.003667404	Grazing
1000	5008	2239593.767									
1000	5009	2239593.767									

1000	5010	2239593.767									
1000	5011	2239593.767									
1000	5012	2239623.409	1419-10-03 21:49:36	0.720625211	1.321074789	0.662807234º	1.198549672º	225.3498366	62.96278606	0.995119557	Penumbral
1000	5013	2239772.056	1420-02-29 13:21:21	0.738687413	1.303012587	0.722089232º	1.257572327º	226.4905281	59.1910661	0.99560151	Umbral
1000	5014	2239772.056									
1000	5015	2239772.056									
1000	5016	2239772.056									
1000	5017	2239801.507	1420-03-30 00:09:40	0.748389916	1.293310084	0.751374439º	1.282335558º	228.9522017	57.61317814	1.004080636	Grazing
1000	5018	2239948.139	1420-08-23 15:20:28	0.745750771	1.295949229	0.739478573º	1.26907736º	229.4190364	58.33600534	1.006663516	Umbral
1000	5019	2239948.139									
1000	5020	2239948.139									
1000	5021	2239948.139									
1000	5022	2239948.139									
1000	5023	2240126.325	1421-02-17 19:48:22	0.722589274	1.319110726	0.670625666º	1.207751984º	224.8847557	62.3912344	0.992555681	Total
1000	5024	2240126.325									
1000	5025	2240126.325									
1000	5026	2240126.325									
1000	5027	2240126.325									
1000	5028	2240126.325									
1000	5029	2240302.766	1421-08-13 06:23:38	0.756457805	1.285242195	0.778809628º	1.306984242º	230.6126394	56.17064242	1.009377889	Total
1000	5030	2240302.766									
1000	5031	2240302.766									
1000	5032	2240302.766									
1000	5033	2240302.766									
1000	5034	2240302.766									
1000	5035	2240480.332	1422-02-06 19:57:45	0.715554476	1.326145524	0.650603188º	1.18926313º	223.9283957	63.7010466	0.989729765	Umbral
1000	5036	2240480.332									
1000	5037	2240480.332									
1000	5038	2240480.332									
1000	5039	2240480.332									
1000	5040	2240480.332									
1000	5041	2240657.473	1422-08-02 23:20:44	0.755626689	1.286073311	0.773658717º	1.300605901º	231.1076893	56.48324072	1.011729057	Umbral
1000	5042	2240657.473									
1000	5043	2240657.473									
1000	5044	2240657.473									
1000	5045	2240657.473									
1000	5046	2240804.695	1422-12-28 04:40:35	0.729974152	1.311725848	0.700331229º	1.242456157º	223.3603859	60.31912898	0.983403916	Grazing
1000	5047	2240804.695									
1000	5048	2240804.695									
1000	5049	2240804.695									
1000	5050	2240804.695									
1000	5051	2240834.356	1423-01-26 20:32:17	0.722956785	1.318743215	0.674858547º	1.21482863º	223.8348157	62.01774597	0.987328363	Penumbral
1000	5052	2240982.626	1423-06-24 03:00:58	0.737415038	1.304284962	0.70210045º	1.226425036º	231.3731488	60.76117792	1.016789583	Penumbral
1000	5053	2240982.626									

1000	5054	2240982.626									
1000	5055	2240982.626									
1000	5056	2240982.626									
1000	5057	2241012.063	1423-07-23 13:30:42	0.744279764	1.297420236	0.728756073º	1.254664764º	230.9934629	59.0760026	1.013726882	Penumbral
1000	5058	2241159.139	1423-12-17 15:19:48	0.744912257	1.296787743	0.753534934º	1.295857631º	224.1099024	57.17420409	0.983045299	Umbral
1000	5059	2241159.139									
1000	5060	2241159.139									
1000	5061	2241159.139									
1000	5062	2241159.139									
1000	5063	2241188.653	1424-01-16 03:39:56	0.738210908	1.303489092	0.727275209º	1.268283334º	224.2783583	58.71991409	0.985433958	Grazing
1000	5064	2241336.8	1424-06-12 07:12:39	0.725538786	1.316161214	0.663125628º	1.187411732º	230.7158007	63.32826746	1.016864216	Umbral
1000	5065	2241336.8									
1000	5066	2241336.8									
1000	5067	2241336.8									
1000	5068	2241336.8									
1000	5069	2241513.769	1424-12-06 06:28:04	0.750985033	1.290714967	0.776821666º	1.319019981º	224.4743169	55.90418168	0.983270813	Total
1000	5070	2241513.769									
1000	5071	2241513.769									
1000	5072	2241513.769									
1000	5073	2241513.769									
1000	5074	2241690.825	1425-06-01 07:48:03	0.725607713	1.316092287	0.663708263º	1.1882542º	230.5959905	63.27949482	1.016360514	Total
1000	5075	2241690.825									
1000	5076	2241690.825									
1000	5077	2241690.825									
1000	5078	2241690.825									
1000	5079	2241690.825									
1000	5080	2241868.397	1425-11-25 21:31:02	0.74456	1.29714	0.751437918º	1.293217616º	224.3201406	57.30683326	0.984030556	Total
1000	5081	2241868.397									
1000	5082	2241868.397									
1000	5083	2241868.397									
1000	5084	2241868.397									
1000	5085	2241868.397									
1000	5086	2242045.006	1426-05-21 12:08:16	0.73746724	1.30423276	0.703441139º	1.22852943º	231.006253	60.65278894	1.015310733	Umbral
1000	5087	2242045.006									
1000	5088	2242045.006									
1000	5089	2242045.006									
1000	5090	2242045.006									
1000	5091	2242045.006									
1000	5092	2242193.179	1426-10-16 16:18:22	0.723553555	1.318146445	0.673938626º	1.211575456º	224.81327	62.15465013	0.991613202	Grazing
1000	5093	2242193.179									
1000	5094	2242193.179									
1000	5095	2242193.179									
1000	5096	2242193.179									
1000	5097	2242370.15	1427-04-11 15:35:35	0.754750907	1.286949093	0.773768318º	1.303017121º	230.0045658	56.41510084	1.007329208	Umbral

1000	5098	2242370.15									
1000	5099	2242370.15									
1000	5100	2242370.15									
1000	5101	2242370.15									
1000	5102	2242399.485	1427-05-10 23:38:32	0.751540257	1.290159743	0.755915547º	1.28181652º	231.3910457	57.49789552	1.01374176	Penumbral
1000	5103	2242547.205	1427-10-05 16:55:25	0.716983909	1.324716091	0.651847926º	1.187848938º	225.0771639	63.70608671	0.994639499	Penumbral
1000	5104	2242547.205									
1000	5105	2242547.205									
1000	5106	2242547.205									
1000	5107	2242547.205									
1000	5108	2242576.963	1427-11-04 11:06:49	0.717086044	1.324613956	0.656611074º	1.196548772º	223.5225282	63.24331228	0.987387582	Grazing
1000	5109	2242724.848	1428-03-31 08:20:56	0.755031336	1.286668664	0.776982738º	1.307752268º	229.3891661	56.19987526	1.004443074	Total
1000	5110	2242724.848									
1000	5111	2242724.848									
1000	5112	2242724.848									
1000	5113	2242724.848									
1000	5114	2242901.229	1428-09-23 17:29:24	0.724687209	1.317012791	0.673817007º	1.208091719º	226.1688959	62.27300881	0.997853288	Total
1000	5115	2242901.229									
1000	5116	2242901.229									
1000	5117	2242901.229									
1000	5118	2242901.229									
1000	5119	2242901.229									
1000	5120	2243079.459	1429-03-20 23:01:34	0.743764746	1.297935254	0.736119821º	1.268527923º	228.0887765	58.45074831	1.001351737	Total
1000	5121	2243079.459									
1000	5122	2243079.459									
1000	5123	2243079.459									
1000	5124	2243079.459									
1000	5125	2243255.521	1429-09-13 00:30:04	0.740829935	1.300870065	0.725789274º	1.258352884º	227.8427318	59.05628813	1.001059343	Total
1000	5126	2243255.521									
1000	5127	2243255.521									
1000	5128	2243255.521									
1000	5129	2243255.521									
1000	5130	2243255.521									
1000	5131	2243404.132	1430-02-08 15:09:57	0.718730143	1.322969857	0.660073389º	1.198514539º	224.1689484	63.0576673	0.990131935	Grazing
1000	5132	2243404.132									
1000	5133	2243404.132									
1000	5134	2243404.132									
1000	5135	2243404.132									
1000	5136	2243433.81	1430-03-10 07:26:30	0.727343128	1.314356872	0.682080273º	1.216181122º	226.3991227	61.73516774	0.998178113	Penumbral
1000	5137	2243580.774	1430-08-04 06:34:31	0.757828892	1.283871108	0.782785504º	1.30985102º	231.1569182	55.98629551	1.011501913	Penumbral
1000	5138	2243580.774									
1000	5139	2243580.774									
1000	5140	2243580.774									
1000	5141	2243580.774									

1000	5142	2243610.096	1430-09-02 14:18:47	0.753763933	1.287936067	0.772143632º	1.303089595º	229.256172	56.45781408	1.004109297	Umbral
1000	5143	2243758.106	1431-01-28 14:33:00	0.715886101	1.325813899	0.652854735º	1.192639761º	223.505409	63.50662984	0.987666852	Total Penumbral
1000	5144	2243758.106									
1000	5145	2243758.106									
1000	5146	2243758.106									
1000	5147	2243758.106									
1000	5148	2243787.869	1431-02-27 08:51:23	0.717287929	1.324412071	0.652553793º	1.188350486º	225.1707777	63.6641305	0.99501879	Grazing
1000	5149	2243935.47	1431-07-24 23:17:13	0.753578806	1.288121194	0.764034598º	1.290052772º	231.4430649	57.0390826	1.01351589	Umbral
1000	5150	2243935.47									
1000	5151	2243935.47									
1000	5152	2243935.47									
1000	5153	2244112.189	1432-01-17 16:32:37	0.726766467	1.314933533	0.688227785º	1.229117048º	223.6739975	61.12118219	0.985650509	Total
1000	5154	2244112.189									
1000	5155	2244112.189									
1000	5156	2244112.189									
1000	5157	2244112.189									
1000	5158	2244112.189									
1000	5159	2244289.999	1432-07-13 11:58:02	0.740326642	1.301373358	0.713504182º	1.238698549º	231.1233283	60.02273808	1.015105668	Total
1000	5160	2244289.999									
1000	5161	2244289.999									
1000	5162	2244289.999									
1000	5163	2244289.999									
1000	5164	2244289.999									
1000	5165	2244466.57	1433-01-06 01:41:00	0.742151506	1.299548494	0.742385386º	1.284074543º	224.2253043	57.82257494	0.984195032	Total
1000	5166	2244466.57									
1000	5167	2244466.57									
1000	5168	2244466.57									
1000	5169	2244466.57									
1000	5170	2244466.57									
1000	5171	2244644.232	1433-07-02 17:34:36	0.727161231	1.314538769	0.668690759º	1.193293506º	230.6574507	62.93807212	1.016250451	Umbral
1000	5172	2244644.232									
1000	5173	2244644.232									
1000	5174	2244644.232									
1000	5175	2244644.232									
1000	5176	2244644.232									
1000	5177	2244791.734	1433-11-27 05:37:29	0.750499528	1.291200472	0.774435665º	1.316266316º	224.5893081	56.04183469	0.98393802	Grazing
1000	5178	2244791.734									
1000	5179	2244791.734									
1000	5180	2244791.734									
1000	5181	2244821.175	1433-12-26 16:12:29	0.750705059	1.290994941	0.77566778º	1.317845402º	224.4722184	55.96649554	0.983308339	Penumbral
1000	5182	2244968.666	1434-05-23 03:58:46	0.727868151	1.313831849	0.671521543º	1.1965162º	230.5056543	62.73373135	1.015491815	Penumbral
1000	5183	2244968.666									
1000	5184	2244968.666									
1000	5185	2244968.666									

1000	5186	2244968.666									
1000	5187	2244998.264	1434-06-21 18:20:04	0.724481441	1.317218559	0.659820132º	1.184108669º	230.6563523	63.55580568	1.016859497	Penumbral
1000	5188	2245146.327	1434-11-16 19:50:35	0.740983292	1.300716708	0.737373315º	1.278497352º	224.3890272	58.12688135	0.985222873	Total Penumbral
1000	5189	2245146.327									
1000	5190	2245146.327									
1000	5191	2245146.327									
1000	5192	2245146.327									
1000	5193	2245175.82	1434-12-16 07:40:57	0.746939518	1.294760482	0.761280279º	1.303614787º	224.2048753	56.7439759	0.983023889	Grazing
1000	5194	2245322.926	1435-05-12 10:12:53	0.741455393	1.300244607	0.718437266º	1.244226696º	230.8925044	59.70222179	1.013956818	Umbral
1000	5195	2245322.926									
1000	5196	2245322.926									
1000	5197	2245322.926									
1000	5198	2245322.926									
1000	5199	2245500.68	1435-11-06 04:19:41	0.72561333	1.31608667	0.683527849º	1.223639389º	223.9250135	61.44794348	0.987069777	Total
1000	5200	2245500.68									
1000	5201	2245500.68									
1000	5202	2245500.68									
1000	5203	2245500.68									
1000	5204	2245500.68									
1000	5205	2245677.474	1436-04-30 23:22:52	0.754110469	1.287589531	0.767399031º	1.294217662º	231.0951149	56.83050459	1.011975937	Total
1000	5206	2245677.474									
1000	5207	2245677.474									
1000	5208	2245677.474									
1000	5209	2245677.474									
1000	5210	2245854.742	1436-10-25 05:49:05	0.715942995	1.325757005	0.65193147º	1.19075155º	223.8911297	63.60347211	0.989435617	Total
1000	5211	2245854.742									
1000	5212	2245854.742									
1000	5213	2245854.742									
1000	5214	2245854.742									
1000	5215	2245854.742									
1000	5216	2246032.173	1437-04-20 16:09:44	0.757194192	1.284505808	0.781634326º	1.309672715º	230.7005991	56.02220373	1.009638292	Umbral
1000	5217	2246032.173									
1000	5218	2246032.173									
1000	5219	2246032.173									
1000	5220	2246032.173									
1000	5221	2246032.173									
1000	5222	2246179.076	1437-09-14 13:48:48	0.72946867	1.31223133	0.687372855º	1.220169686º	227.0632775	61.43366783	1.000621149	Grazing
1000	5223	2246179.076									
1000	5224	2246179.076									
1000	5225	2246179.076									
1000	5226	2246179.076									
1000	5227	2246208.727	1437-10-14 05:26:51	0.720328545	1.321371455	0.663744804º	1.201048798º	224.6965275	62.84693596	0.992227463	Total Penumbral
1000	5228	2246357.387	1438-03-11 21:17:37	0.738637534	1.303062466	0.719735046º	1.253585442º	227.1751427	59.38127542	0.998646404	Umbral
1000	5229	2246357.387									

1000	5230	2246357.387									
1000	5231	2246357.387									
1000	5232	2246357.387									
1000	5233	2246386.829	1438-04-10 07:54:21	0.74840512	1.29329488	0.749195051º	1.278620961º	229.6316295	57.78061893	1.00699223	Grazing
1000	5234	2246533.46	1438-09-03 23:02:33	0.745791941	1.295908059	0.741857527º	1.272993889º	228.7390307	58.15371774	1.00374935	Penumbral
1000	5235	2246533.46									
1000	5236	2246533.46									
1000	5237	2246533.46									
1000	5238	2246711.645	1439-03-01 03:28:15	0.722773724	1.318926276	0.669314294º	1.204855771º	225.5392163	62.53117664	0.995492974	Total
1000	5239	2246711.645									
1000	5240	2246711.645									
1000	5241	2246711.645									
1000	5242	2246711.645									
1000	5243	2246711.645									
1000	5244	2246888.092	1439-08-24 14:12:00	0.756035655	1.285664345	0.779285304º	1.30887985º	229.9529725	56.10706421	1.006671579	Total
1000	5245	2246888.092									
1000	5246	2246888.092									
1000	5247	2246888.092									
1000	5248	2246888.092									
1000	5249	2246888.092									
1000	5250	2247065.649	1440-02-18 03:35:07	0.716428771	1.325271229	0.651572664º	1.188789277º	224.5565068	63.68338986	0.992388852	Umbral
1000	5251	2247065.649									
1000	5252	2247065.649									
1000	5253	2247065.649									
1000	5254	2247065.649									
1000	5255	2247065.649									
1000	5256	2247242.791	1440-08-13 06:59:35	0.754545451	1.287154549	0.771270887º	1.299460439º	230.4845229	56.580143	1.009349343	Total
1000	5257	2247242.791									
1000	5258	2247242.791									
1000	5259	2247242.791									
1000	5260	2247242.791									
1000	5261	2247242.791									
1000	5262	2247390.046	1441-01-07 13:05:46	0.731077157	1.310622843	0.703397153º	1.245003134º	223.6281291	60.14479015	0.98434618	Grazing
1000	5263	2247390.046									
1000	5264	2247390.046									
1000	5265	2247390.046									
1000	5266	2247419.689	1441-02-06 04:31:31	0.724354123	1.317345877	0.67781646º	1.216551318º	224.4107656	61.8637571	0.989592133	Penumbral
1000	5267	2247567.911	1441-07-04 09:51:48	0.736282597	1.305417403	0.698721999º	1.223380625º	231.1518399	60.96480176	1.016142215	Penumbral
1000	5268	2247567.911									
1000	5269	2247567.911									
1000	5270	2247567.911									
1000	5271	2247567.911									
1000	5272	2247597.364	1441-08-02 20:44:40	0.742792094	1.298907906	0.724920996º	1.251853747º	230.4326558	59.27536687	1.011756769	Penumbral
1000	5273	2247744.504	1441-12-28 00:06:12	0.745588642	1.296111358	0.755828054º	1.297954075º	224.2240213	57.05167252	0.983401935	Umbral

1000	5274	2247744.504									
1000	5275	2247744.504									
1000	5276	2247744.504									
1000	5277	2247744.504									
1000	5278	2247774.006	1442-01-26 12:08:28	0.73949375	1.30220625	0.730582397º	1.270588987º	224.7479408	58.55455823	0.987261616	Grazing
1000	5279	2247922.068	1442-06-23 13:38:29	0.725113942	1.316586058	0.661849395º	1.186164747º	230.6746417	63.41496032	1.016807493	Umbral
1000	5280	2247922.068									
1000	5281	2247922.068									
1000	5282	2247922.068									
1000	5283	2247922.068									
1000	5284	2248099.14	1442-12-17 15:21:04	0.750899015	1.290800985	0.776633275º	1.318957267º	224.4238845	55.91092623	0.983042951	Total
1000	5285	2248099.14									
1000	5286	2248099.14									
1000	5287	2248099.14									
1000	5288	2248099.14									
1000	5289	2248099.14									
1000	5290	2248276.094	1443-06-12 14:15:52	0.726236063	1.315463937	0.665338585º	1.189641584º	230.7479576	63.17621741	1.016831448	Total
1000	5291	2248276.094									
1000	5292	2248276.094									
1000	5293	2248276.094									
1000	5294	2248276.094									
1000	5295	2248453.76	1443-12-07 06:14:43	0.743725722	1.297974278	0.748885012º	1.291079577º	224.1057955	57.43902532	0.983277613	Total
1000	5296	2248453.76									
1000	5297	2248453.76									
1000	5298	2248453.76									
1000	5299	2248453.76									
1000	5300	2248453.76									
1000	5301	2248630.294	1444-05-31 19:03:19	0.738724902	1.302975098	0.706977708º	1.231557783º	231.3295074	60.44675058	1.016294371	Umbral
1000	5302	2248630.294									
1000	5303	2248630.294									
1000	5304	2248630.294									
1000	5305	2248630.294									
1000	5306	2248630.294									
1000	5307	2248778.507	1444-10-27 00:09:56	0.722110979	1.319589021	0.6710438º	1.210055536º	224.1740625	62.30130634	0.989083801	Grazing
1000	5308	2248778.507									
1000	5309	2248778.507									
1000	5310	2248778.507									
1000	5311	2248778.507									
1000	5312	2248808.177	1444-11-25 16:15:26	0.728505626	1.313194374	0.6949698º	1.236712814º	223.4323774	60.66663803	0.98409719	Penumbral
1000	5313	2248955.472	1445-04-21 23:19:54	0.755819521	1.285880479	0.77593788º	1.303824461º	230.6782443	56.3338331	1.009928642	Penumbral
1000	5314	2248955.472									
1000	5315	2248955.472									
1000	5316	2248955.472									
1000	5317	2248955.472									

1000	5318	2248984.793	1445-05-21 07:01:38	0.752674604	1.289025396	0.759051849º	1.284167302º	231.8256527	57.34293465	1.015258215	Penumbral
1000	5319	2249132.518	1445-10-16 00:26:26	0.716129818	1.325570182	0.651080958º	1.188615019º	224.4018098	63.70660332	0.991802784	Penumbral
1000	5320	2249132.518									
1000	5321	2249132.518									
1000	5322	2249132.518									
1000	5323	2249162.293	1445-11-14 19:01:31	0.716130746	1.325569254	0.654875511º	1.195832082º	223.067459	63.32764772	0.985527872	Grazing
1000	5324	2249310.176	1446-04-11 16:13:50	0.755431902	1.286268098	0.77629121º	1.305540073º	230.0845836	56.27806094	1.007329093	Total
1000	5325	2249310.176									
1000	5326	2249310.176									
1000	5327	2249310.176									
1000	5328	2249310.176									
1000	5329	2249486.545	1446-10-05 01:05:00	0.724527033	1.317172967	0.675307751º	1.211231405º	225.4829029	62.12027624	0.99478307	Umbral
1000	5330	2249486.545									
1000	5331	2249486.545									
1000	5332	2249486.545									
1000	5333	2249486.545									
1000	5334	2249486.545									
1000	5335	2249664.783	1447-04-01 06:47:24	0.743732066	1.297967934	0.733754283º	1.264515735º	228.7877091	58.63729561	1.00445836	Total
1000	5336	2249664.783									
1000	5337	2249664.783									
1000	5338	2249664.783									
1000	5339	2249664.783									
1000	5340	2249664.783									
1000	5341	2249840.849	1447-09-24 08:22:19	0.740864585	1.300835415	0.728138254º	1.262389443º	227.142074	58.86684878	0.997897223	Total
1000	5342	2249840.849									
1000	5343	2249840.849									
1000	5344	2249840.849									
1000	5345	2249840.849									
1000	5346	2249989.452	1448-02-19 22:51:34	0.71904311	1.32265689	0.659336817º	1.196286259º	224.77655	63.15821317	0.992882638	Grazing
1000	5347	2249989.452									
1000	5348	2249989.452									
1000	5349	2249989.452									
1000	5350	2249989.452									
1000	5351	2250019.122	1448-03-20 14:55:14	0.727452452	1.314247548	0.680329679º	1.212759422º	227.1085745	61.90376113	1.001311035	Penumbral
1000	5352	2250166.096	1448-08-14 14:18:02	0.757267971	1.284432029	0.782476275º	1.310828451º	230.5502673	55.96869961	1.009038672	Grazing
1000	5353	2250166.096									
1000	5354	2250166.096									
1000	5355	2250166.096									
1000	5356	2250166.096									
1000	5357	2250195.43	1448-09-12 22:19:14	0.753403854	1.288296146	0.773101877º	1.305678755º	228.5314517	56.36165924	1.001034404	Umbral
1000	5358	2250343.43	1449-02-07 22:18:48	0.716892401	1.324807599	0.654430775º	1.19293567º	224.0704916	63.44170907	0.990014728	Penumbral
1000	5359	2250343.43									
1000	5360	2250343.43									
1000	5361	2250343.43									

1000	5362	2250343.43									
1000	5363	2250373.175	1449-03-09 16:12:38	0.718092749	1.323607251	0.653026884°	1.18719929°	225.8952123	63.68713623	0.998044399	Grazing
1000	5364	2250520.783	1449-08-04 06:47:26	0.752392153	1.289307847	0.761047554°	1.288124413°	230.8888919	57.17648132	1.011480146	Umbral
1000	5365	2250520.783									
1000	5366	2250520.783									
1000	5367	2250520.783									
1000	5368	2250520.783									
1000	5369	2250697.531	1450-01-28 00:44:02	0.728124455	1.313575545	0.691413065°	1.231268212°	224.1644947	60.9508175	0.987538566	Total
1000	5370	2250697.531									
1000	5371	2250697.531									
1000	5372	2250697.531									
1000	5373	2250697.531									
1000	5374	2250875.292	1450-07-24 19:00:27	0.738907916	1.302792084	0.70977371°	1.235770159°	230.6571438	60.22888889	1.013557751	Total
1000	5375	2250875.292									
1000	5376	2250875.292									
1000	5377	2250875.292									
1000	5378	2250875.292									
1000	5379	2250875.292									
1000	5380	2251051.93	1451-01-17 10:18:56	0.743208657	1.298491343	0.745293215°	1.286222687°	224.5858059	57.67813386	0.985577243	Total
1000	5381	2251051.93									
1000	5382	2251051.93									
1000	5383	2251051.93									
1000	5384	2251051.93									
1000	5385	2251051.93									
1000	5386	2251229.505	1451-07-14 00:07:06	0.726253394	1.315446606	0.666594951°	1.191754179°	230.3440712	63.06166636	1.015173589	Umbral
1000	5387	2251229.505									
1000	5388	2251229.505									
1000	5389	2251229.505									
1000	5390	2251229.505									
1000	5391	2251229.505									
1000	5392	2251377.103	1451-12-08 14:28:32	0.750098946	1.291601054	0.77337091°	1.315605672°	224.4153789	56.08832686	0.98320472	Grazing
1000	5393	2251377.103									
1000	5394	2251377.103									
1000	5395	2251377.103									
1000	5396	2251377.103									
1000	5397	2251406.544	1452-01-07 01:03:34	0.751040072	1.290659928	0.776367964°	1.318060735°	224.6752921	55.94185765	0.984188468	Penumbral
1000	5398	2251553.94	1452-06-02 10:33:51	0.728840899	1.312859101	0.673945833°	1.198453395°	230.7916921	62.5870906	1.016434874	Penumbral
1000	5399	2251553.94									
1000	5400	2251553.94									
1000	5401	2251553.94									
1000	5402	2251583.531	1452-07-02 00:45:09	0.724603584	1.317096416	0.660594049°	1.185168174°	230.5291415	63.4926058	1.016305898	Penumbral
1000	5403	2251731.685	1452-11-27 04:26:56	0.739900604	1.301799396	0.734340284°	1.276154351°	224.0547851	58.2828622	0.983968136	Penumbral
1000	5404	2251731.685									
1000	5405	2251731.685									

1000	5406	2251731.685									
1000	5407	2251731.685									
1000	5408	2251761.187	1452-12-26 16:29:17	0.746499997	1.295200003	0.759387941º	1.301552976º	224.2464989	56.85305372	0.98333117	Grazing
1000	5409	2251908.221	1453-05-22 17:18:41	0.742830023	1.298869977	0.722192315º	1.247223599º	231.3279566	59.49684811	1.015420975	Umbral
1000	5410	2251908.221									
1000	5411	2251908.221									
1000	5412	2251908.221									
1000	5413	2251908.221									
1000	5414	2252086.02	1453-11-16 12:29:03	0.724323177	1.317376823	0.680548835º	1.221635851º	223.4635216	61.60959238	0.985290281	Total
1000	5415	2252086.02									
1000	5416	2252086.02									
1000	5417	2252086.02									
1000	5418	2252086.02									
1000	5419	2252086.02									
1000	5420	2252262.788	1454-05-12 06:54:15	0.755170831	1.286529169	0.770023346º	1.29583698º	231.6169854	56.71325227	1.013910146	Total
1000	5421	2252262.788									
1000	5422	2252262.788									
1000	5423	2252262.788									
1000	5424	2252262.788									
1000	5425	2252262.788									
1000	5426	2252440.066	1454-11-05 13:35:36	0.715084835	1.326615165	0.650747411º	1.190799974º	223.3561983	63.64318634	0.987177571	Total
1000	5427	2252440.066									
1000	5428	2252440.066									
1000	5429	2252440.066									
1000	5430	2252440.066									
1000	5431	2252617.494	1455-05-01 23:51:37	0.757616937	1.284083063	0.781441334º	1.308257154º	231.2800419	56.06512205	1.011981335	Umbral
1000	5432	2252617.494									
1000	5433	2252617.494									
1000	5434	2252617.494									
1000	5435	2252617.494									
1000	5436	2252617.494									
1000	5437	2252764.392	1455-09-25 21:23:50	0.729423775	1.312276225	0.689343473º	1.223801046º	226.360872	61.25382473	0.997511879	Grazing
1000	5438	2252764.392									
1000	5439	2252764.392									
1000	5440	2252764.392									
1000	5441	2252764.392									
1000	5442	2252794.051	1455-10-25 13:13:22	0.720142959	1.321557041	0.664833512º	1.203565638º	224.1145904	62.72578676	0.989597151	Total Penumbral
1000	5443	2252942.711	1456-03-22 05:04:12	0.7385884	1.3031116	0.717339545º	1.249540078º	227.8764109	59.5757363	1.001742285	Umbral
1000	5444	2252942.711									
1000	5445	2252942.711									
1000	5446	2252942.711									
1000	5447	2252942.711									
1000	5448	2252972.146	1456-04-20 15:30:48	0.748329445	1.293370555	0.746833425º	1.274878859º	230.255962	57.95510222	1.009624824	Grazing
1000	5449	2253118.787	1456-09-14 06:53:47	0.74577567	1.29592433	0.744096447º	1.276857664º	228.0336431	57.97813197	1.00068804	Penumbral

1000	5450	2253118.787									
1000	5451	2253118.787									
1000	5452	2253118.787									
1000	5453	2253118.787									
1000	5454	2253148.273	1456-10-13 18:32:57	0.735678977	1.306021023	0.713832688º	1.251060312º	225.6019655	59.63751058	0.992368512	Grazing
1000	5455	2253296.957	1457-03-11 10:58:19	0.723031979	1.318668021	0.668101623º	1.202010713º	226.2388614	62.66669886	0.998536619	Total
1000	5456	2253296.957									
1000	5457	2253296.957									
1000	5458	2253296.957									
1000	5459	2253473.422	1457-09-03 22:07:45	0.755516535	1.286183465	0.779525151º	1.310671746º	229.2426873	56.05278631	1.003730011	Total
1000	5460	2253473.422									
1000	5461	2253473.422									
1000	5462	2253473.422									
1000	5463	2253473.422									
1000	5464	2253473.422									
1000	5465	2253650.961	1458-02-28 11:04:22	0.717427797	1.324272203	0.652753156º	1.188389707º	225.2527757	63.65580863	0.995316279	Total
1000	5466	2253650.961									
1000	5467	2253650.961									
1000	5468	2253650.961									
1000	5469	2253650.961									
1000	5470	2253650.961									
1000	5471	2253828.114	1458-08-24 14:44:03	0.753352233	1.288347767	0.768675932º	1.298298867º	229.788886	56.68356125	1.006617619	Total
1000	5472	2253828.114									
1000	5473	2253828.114									
1000	5474	2253828.114									
1000	5475	2253828.114									
1000	5476	2253828.114									
1000	5477	2253975.395	1459-01-18 21:28:31	0.732329219	1.309370781	0.70664996º	1.247432036º	224.0182787	59.96925381	0.985845873	Grazing
1000	5478	2253975.395									
1000	5479	2253975.395									
1000	5480	2253975.395									
1000	5481	2253975.395									
1000	5482	2254005.017	1459-02-17 12:24:43	0.72587839	1.31582161	0.68099814º	1.218273443º	225.0727763	61.70319405	0.992280447	Penumbral
1000	5483	2254153.197	1459-07-15 16:43:11	0.735012573	1.306687427	0.695283645º	1.220563206º	230.7978271	61.16453119	1.014941028	Penumbral
1000	5484	2254153.197									
1000	5485	2254153.197									
1000	5486	2254153.197									
1000	5487	2254182.669	1459-08-14 04:02:43	0.741195285	1.300504715	0.720991135º	1.249199697º	229.7795767	59.47426945	1.009313017	Penumbral
1000	5488	2254329.869	1460-01-08 08:51:23	0.746381526	1.295318474	0.758187411º	1.299778093º	224.4660665	56.93529631	0.984373985	Umbral
1000	5489	2254329.869									
1000	5490	2254329.869									
1000	5491	2254329.869									
1000	5492	2254329.869									
1000	5493	2254359.356	1460-02-06 20:32:13	0.740880124	1.300819876	0.734015046º	1.272746781º	225.3179806	58.39071165	0.989597871	Grazing

1000	5494	2254507.336	1460-07-03 20:04:33	0.724571122	1.317128878	0.660585813º	1.185235702º	230.4946342	63.49058499	1.016159135	Umbral
1000	5495	2254507.336									
1000	5496	2254507.336									
1000	5497	2254507.336									
1000	5498	2254507.336									
1000	5499	2254684.51	1460-12-28 00:13:54	0.750919239	1.290780761	0.776440867º	1.318566818º	224.5045105	55.92646818	0.983402061	Total
1000	5500	2254684.51									
1000	5501	2254684.51									
1000	5502	2254684.51									
1000	5503	2254684.51									
1000	5504	2254684.51									
1000	5505	2254861.364	1461-06-22 20:44:21	0.726742526	1.314957474	0.667002957º	1.191305437º	230.7604723	63.06278614	1.016832456	Total
1000	5506	2254861.364									
1000	5507	2254861.364									
1000	5508	2254861.364									
1000	5509	2254861.364									
1000	5510	2254861.364									
1000	5511	2255039.125	1461-12-17 14:59:17	0.743014097	1.298685903	0.746380194º	1.288724452º	224.0204564	57.57655219	0.983006217	Total
1000	5512	2255039.125									
1000	5513	2255039.125									
1000	5514	2255039.125									
1000	5515	2255039.125									
1000	5516	2255215.582	1462-06-12 01:58:26	0.739836794	1.301863206	0.710468077º	1.234748236º	231.5178551	60.23856871	1.016875746	Umbral
1000	5517	2255215.582									
1000	5518	2255215.582									
1000	5519	2255215.582									
1000	5520	2255215.582									
1000	5521	2255215.582									
1000	5522	2255363.839	1462-11-07 08:07:35	0.720807827	1.320892173	0.668344282º	1.208585262º	223.626143	62.44044118	0.986833278	Grazing
1000	5523	2255363.839									
1000	5524	2255363.839									
1000	5525	2255363.839									
1000	5526	2255363.839									
1000	5527	2255393.526	1462-12-07 00:37:50	0.727453417	1.314246583	0.692028901º	1.234246903º	223.1967175	60.83748163	0.983235113	Penumbral
1000	5528	2255540.791	1463-05-03 06:58:54	0.756766947	1.284933053	0.777904175º	1.304571134º	231.2730648	56.25997964	1.01226737	Penumbral
1000	5529	2255540.791									
1000	5530	2255540.791									
1000	5531	2255540.791									
1000	5532	2255540.791									
1000	5533	2255570.099	1463-06-01 14:22:55	0.753646672	1.288053328	0.761992982º	1.286547775º	232.1336835	57.19349438	1.016343354	Penumbral
1000	5534	2255717.837	1463-10-27 08:05:49	0.715407285	1.326292715	0.650510694º	1.189457324º	223.8004983	63.69760735	0.989203286	Penumbral
1000	5535	2255717.837									
1000	5536	2255717.837									
1000	5537	2255717.837									

1000	5538	2255717.837									
1000	5539	2255895.5	1464-04-21 23:59:32	0.755728974	1.285971026	0.77535808º	1.30324121º	230.7220777	56.36542297	1.009935244	Total
1000	5540	2255895.5									
1000	5541	2255895.5									
1000	5542	2255895.5									
1000	5543	2255895.5									
1000	5544	2256071.868	1464-10-15 08:50:31	0.724441704	1.317258296	0.676919548º	1.214359684º	224.8482622	61.96464985	0.991976113	Umbral
1000	5545	2256071.868									
1000	5546	2256071.868									
1000	5547	2256071.868									
1000	5548	2256071.868									
1000	5549	2256071.868									
1000	5550	2256250.1	1465-04-11 14:24:09	0.74363925	1.29806075	0.731233185º	1.260513362º	229.4542991	58.82939683	1.007269497	Total
1000	5551	2256250.1									
1000	5552	2256250.1									
1000	5553	2256250.1									
1000	5554	2256250.1									
1000	5555	2256250.1									
1000	5556	2256426.183	1465-10-04 16:24:12	0.7409017	1.3007983	0.730455571º	1.266310879º	226.4646629	58.68292238	0.99490995	Total
1000	5557	2256426.183									
1000	5558	2256426.183									
1000	5559	2256426.183									
1000	5560	2256426.183									
1000	5561	2256426.183									
1000	5562	2256604.426	1466-03-31 22:13:54	0.727570434	1.314129566	0.678597427º	1.209431133º	227.8157874	62.0696173	1.00432164	Penumbral
1000	5563	2256604.426									
1000	5564	2256604.426									
1000	5565	2256604.426									
1000	5566	2256604.426									
1000	5567	2256751.422	1466-08-25 22:07:57	0.756589667	1.285110333	0.781930405º	1.311705659º	229.8727801	55.96017047	1.006328201	Grazing
1000	5568	2256751.422									
1000	5569	2256751.422									
1000	5570	2256751.422									
1000	5571	2256751.422									
1000	5572	2256780.769	1466-09-24 06:28:05	0.752996978	1.288703022	0.773887459º	1.308110603º	227.8032129	56.27477274	0.99794961	Umbral
1000	5573	2256928.748	1467-02-19 05:57:36	0.718043556	1.323656444	0.656238537º	1.193282442º	224.7208439	63.36715601	0.992707995	Penumbral
1000	5574	2256928.748									
1000	5575	2256928.748									
1000	5576	2256928.748									
1000	5577	2256928.748									
1000	5578	2256958.475	1467-03-20 23:24:41	0.718966948	1.322733052	0.653656822º	1.186176494º	226.6445262	63.70024664	1.00114194	Grazing
1000	5579	2257106.099	1467-08-15 14:22:10	0.751079478	1.290620522	0.757868159º	1.286233199º	230.2438212	57.31896422	1.009014106	Umbral
1000	5580	2257106.099									
1000	5581	2257106.099									

1000	5582	2257106.099									
1000	5583	2257106.099									
1000	5584	2257282.868	1468-02-08 08:50:29	0.729615214	1.312084786	0.694810309º	1.233364863º	224.7550452	60.77634759	0.989923443	Total
1000	5585	2257282.868									
1000	5586	2257282.868									
1000	5587	2257282.868									
1000	5588	2257282.868									
1000	5589	2257282.868									
1000	5590	2257460.587	1468-08-04 02:05:52	0.737371606	1.304328394	0.705963362º	1.233054431º	230.0828688	60.43239556	1.011452875	Total
1000	5591	2257460.587									
1000	5592	2257460.587									
1000	5593	2257460.587									
1000	5594	2257460.587									
1000	5595	2257637.287	1469-01-27 18:53:02	0.744372237	1.297327763	0.748294357º	1.288161432º	225.0583118	57.53762183	0.987516746	Total
1000	5596	2257637.287									
1000	5597	2257637.287									
1000	5598	2257637.287									
1000	5599	2257637.287									
1000	5600	2257637.287									
1000	5601	2257814.779	1469-07-24 06:42:11	0.725241048	1.316458952	0.664527685º	1.190505687º	229.9076415	63.17492292	1.013593299	Umbral
1000	5602	2257814.779									
1000	5603	2257814.779									
1000	5604	2257814.779									
1000	5605	2257814.779									
1000	5606	2257814.779									
1000	5607	2257962.473	1469-12-18 23:20:38	0.74980555	1.29189445	0.772315611º	1.314627498º	224.3712572	56.14312127	0.983064894	Grazing
1000	5608	2257962.473									
1000	5609	2257962.473									
1000	5610	2257962.473									
1000	5611	2257962.473									
1000	5612	2257991.911	1470-01-17 09:51:42	0.751471953	1.290228047	0.777057281º	1.317963934º	225.0011223	55.9258084	0.985618821	Umbral
1000	5613	2258139.214	1470-06-13 17:08:41	0.729689623	1.312010377	0.676380783º	1.200657799º	230.9423048	62.43194567	1.016881842	Penumbral
1000	5614	2258139.214									
1000	5615	2258139.214									
1000	5616	2258139.214									
1000	5617	2258139.214									
1000	5618	2258168.801	1470-07-13 07:13:19	0.724612746	1.317087254	0.661398149º	1.186519469º	230.2678142	63.41853419	1.015246872	Penumbral
1000	5619	2258317.045	1470-12-08 13:05:23	0.738946174	1.302753826	0.731406943º	1.27363324º	223.8449367	58.44189959	0.98322007	Penumbral
1000	5620	2258317.045									
1000	5621	2258317.045									
1000	5622	2258317.045									
1000	5623	2258346.553	1471-01-07 01:15:38	0.746173766	1.295526234	0.757533198º	1.299201824º	224.4169448	56.9694573	0.984232337	Grazing
1000	5624	2258493.516	1471-06-03 00:23:17	0.744059367	1.297640633	0.725850046º	1.250366103º	231.6366174	59.29149746	1.016418412	Umbral
1000	5625	2258493.516									

1000	5626	2258493.516									
1000	5627	2258493.516									
1000	5628	2258493.516									
1000	5629	2258671.363	1471-11-27 20:42:01	0.723196142	1.318503858	0.677784165º	1.219595463º	223.1196191	61.76622608	0.983973165	Total
1000	5630	2258671.363									
1000	5631	2258671.363									
1000	5632	2258671.363									
1000	5633	2258671.363									
1000	5634	2258671.363									
1000	5635	2258848.099	1472-05-22 14:22:29	0.756076733	1.285623267	0.772415618º	1.297459406º	232.024344	56.60281529	1.015396791	Total
1000	5636	2258848.099									
1000	5637	2258848.099									
1000	5638	2258848.099									
1000	5639	2258848.099									
1000	5640	2258848.099									
1000	5641	2259025.395	1472-11-15 21:28:11	0.714401535	1.327298465	0.649815399º	1.190864855º	222.9281995	63.67356183	0.985358681	Total
1000	5642	2259025.395									
1000	5643	2259025.395									
1000	5644	2259025.395									
1000	5645	2259025.395									
1000	5646	2259025.395									
1000	5647	2259202.811	1473-05-12 07:28:09	0.75789469	1.28380531	0.780971586º	1.306780096º	231.7607834	56.11726961	1.013920025	Umbral
1000	5648	2259202.811									
1000	5649	2259202.811									
1000	5650	2259202.811									
1000	5651	2259202.811									
1000	5652	2259349.715	1473-10-06 05:09:03	0.729415342	1.312284658	0.691352855º	1.227437479º	225.6877819	61.07362309	0.994484367	Grazing
1000	5653	2259349.715									
1000	5654	2259349.715									
1000	5655	2259349.715									
1000	5656	2259349.715									
1000	5657	2259379.381	1473-11-04 21:08:16	0.720091504	1.321608496	0.666083693º	1.206077432º	223.6232822	62.59980855	0.98728511	Umbral
1000	5658	2259528.029	1474-04-02 12:41:08	0.738513698	1.303186302	0.71488822º	1.245472337º	228.5691306	59.77387455	1.004794078	Penumbral
1000	5659	2259528.029									
1000	5660	2259528.029									
1000	5661	2259528.029									
1000	5662	2259528.029									
1000	5663	2259557.458	1474-05-01 22:59:39	0.748140525	1.293559475	0.744311775º	1.271110111º	230.8018771	58.1360743	1.012014924	Grazing
1000	5664	2259704.121	1474-09-25 14:54:19	0.745728023	1.295971977	0.746210781º	1.280633763º	227.3283556	57.80968057	0.997576443	Penumbral
1000	5665	2259704.121									
1000	5666	2259704.121									
1000	5667	2259704.121									
1000	5668	2259704.121									
1000	5669	2259733.614	1474-10-25 02:44:28	0.735835073	1.305864927	0.716152918º	1.254842875º	225.0360313	59.45281542	0.989674618	Grazing

1000	5670	2259882.263	1475-03-22 18:18:20	0.72333684	1.31836316	0.666987596º	1.199235559º	226.9595813	62.79711463	1.001653018	Total
1000	5671	2259882.263									
1000	5672	2259882.263									
1000	5673	2259882.263									
1000	5674	2259882.263									
1000	5675	2260058.758	1475-09-15 06:11:17	0.754926238	1.286773762	0.779556328º	1.312331469º	228.5068635	56.00777656	1.000661887	Total
1000	5676	2260058.758									
1000	5677	2260058.758									
1000	5678	2260058.758									
1000	5679	2260058.758									
1000	5680	2260236.267	1476-03-10 18:25:03	0.718523553	1.323176447	0.65410711º	1.188114692º	225.9949969	63.61791622	0.998352449	Total
1000	5681	2260236.267									
1000	5682	2260236.267									
1000	5683	2260236.267									
1000	5684	2260236.267									
1000	5685	2260236.267									
1000	5686	2260413.441	1476-09-03 22:34:51	0.752072758	1.289627242	0.765927255º	1.297089438º	229.0443124	56.79294622	1.003700555	Total
1000	5687	2260413.441									
1000	5688	2260413.441									
1000	5689	2260413.441									
1000	5690	2260413.441									
1000	5691	2260413.441									
1000	5692	2260560.741	1477-01-29 05:47:25	0.73371551	1.30798449	0.710059824º	1.249780628º	224.5199852	59.79232573	0.987784376	Grazing
1000	5693	2260560.741									
1000	5694	2260560.741									
1000	5695	2260560.741									
1000	5696	2260560.741									
1000	5697	2260590.341	1477-02-27 20:11:11	0.727503317	1.314196683	0.68433224º	1.220072732º	225.8012468	61.53600231	0.995123172	Penumbral
1000	5698	2260738.484	1477-07-25 23:36:31	0.733619614	1.308080386	0.691837612º	1.21794738º	230.3225542	61.35938925	1.01333944	Grazing
1000	5699	2260738.484									
1000	5700	2260738.484									
1000	5701	2260738.484									
1000	5702	2260738.484									
1000	5703	2260767.976	1477-08-24 11:25:50	0.739514623	1.302185377	0.71705166º	1.246644062º	229.0556211	59.67183662	1.006675655	Penumbral
1000	5704	2260915.232	1478-01-18 17:33:48	0.747282178	1.294417822	0.760575758º	1.301370376º	224.8292262	56.82492802	0.985823008	Umbral
1000	5705	2260915.232									
1000	5706	2260915.232									
1000	5707	2260915.232									
1000	5708	2260944.702	1478-02-17 04:50:12	0.742348483	1.299351517	0.737502855º	1.27482753º	225.971906	58.2283793	0.992189272	Grazing
1000	5709	2261092.606	1478-07-15 02:32:27	0.723917953	1.317782047	0.659369587º	1.18459706º	230.1819305	63.55479408	1.015041683	Umbral
1000	5710	2261092.606									
1000	5711	2261092.606									
1000	5712	2261092.606									
1000	5713	2261092.606									

1000	5714	2261269.878	1479-01-08 09:04:58	0.751042486	1.290657514	0.776249843º	1.317842689º	224.7135306	55.95083391	0.984370052	Total
1000	5715	2261269.878									
1000	5716	2261269.878									
1000	5717	2261269.878									
1000	5718	2261269.878									
1000	5719	2261269.878									
1000	5720	2261446.635	1479-07-04 03:15:07	0.727125761	1.314574239	0.668652157º	1.193279481º	230.6340333	62.93986308	1.016202843	Total
1000	5721	2261446.635									
1000	5722	2261446.635									
1000	5723	2261446.635									
1000	5724	2261446.635									
1000	5725	2261446.635									
1000	5726	2261624.488	1479-12-28 23:43:08	0.742427518	1.299272482	0.74397925º	1.286090725º	224.0658115	57.71961895	0.983428321	Total
1000	5727	2261624.488									
1000	5728	2261624.488									
1000	5729	2261624.488									
1000	5730	2261624.488									
1000	5731	2261624.488									
1000	5732	2261800.872	1480-06-22 08:55:01	0.740794815	1.300905185	0.713827338º	1.23815522º	231.5660077	60.02928054	1.016783192	Umbral
1000	5733	2261800.872									
1000	5734	2261800.872									
1000	5735	2261800.872									
1000	5736	2261800.872									
1000	5737	2261949.174	1480-11-17 16:10:15	0.719665764	1.322034236	0.665912014º	1.207081932º	223.1854099	62.57226225	0.985139344	Grazing
1000	5738	2261949.174									
1000	5739	2261949.174									
1000	5740	2261949.174									
1000	5741	2261949.174									
1000	5742	2261978.876	1480-12-17 09:00:49	0.7265692	1.3151308	0.689323893º	1.231638481º	223.0921022	61.00620722	0.983059998	Penumbral
1000	5743	2262126.107	1481-05-13 14:33:29	0.757571577	1.284128423	0.779598494º	1.305308238º	231.7683986	56.1939884	1.014110511	Penumbral
1000	5744	2262126.107									
1000	5745	2262126.107									
1000	5746	2262126.107									
1000	5747	2262126.107									
1000	5748	2262155.405	1481-06-11 21:43:35	0.754444862	1.287255138	0.764680737º	1.288988695º	232.3049307	57.05028188	1.016821831	Penumbral
1000	5749	2262303.162	1481-11-06 15:52:43	0.714840392	1.326859608	0.650170934º	1.190329052º	223.292211	63.67953236	0.986984664	Penumbral
1000	5750	2262303.162									
1000	5751	2262303.162									
1000	5752	2262303.162									
1000	5753	2262303.162									
1000	5754	2262332.96	1481-12-06 11:02:48	0.714791589	1.326908411	0.652191773º	1.194373171º	222.5209352	63.47047359	0.983301492	Grazing
1000	5755	2262480.819	1482-05-03 07:38:42	0.755899788	1.285800212	0.774190299º	1.300856946º	231.2784797	56.46182034	1.012267969	Total
1000	5756	2262480.819									
1000	5757	2262480.819									

1000	5758	2262480.819									
1000	5759	2262480.819									
1000	5760	2262657.198	1482-10-26 16:45:18	0.724456023	1.317243977	0.678616958º	1.217497571º	224.2865423	61.80666685	0.989324471	Umbral
1000	5761	2262657.198									
1000	5762	2262657.198									
1000	5763	2262657.198									
1000	5764	2262657.198									
1000	5765	2262835.411	1483-04-22 21:52:19	0.743462028	1.298237972	0.728612778º	1.256488485º	230.0638532	59.02641232	1.009949445	Total
1000	5766	2262835.411									
1000	5767	2262835.411									
1000	5768	2262835.411									
1000	5769	2262835.411									
1000	5770	2262835.411									
1000	5771	2263011.525	1483-10-16 00:35:19	0.740966977	1.300733023	0.732707306º	1.270136462º	225.8342454	58.50486016	0.991996382	Total
1000	5772	2263011.525									
1000	5773	2263011.525									
1000	5774	2263011.525									
1000	5775	2263011.525									
1000	5776	2263011.525									
1000	5777	2263189.724	1484-04-11 05:22:49	0.727670429	1.314029571	0.676900151º	1.206203554º	228.4953556	62.231889	1.007225298	Penumbral
1000	5778	2263189.724									
1000	5779	2263189.724									
1000	5780	2263189.724									
1000	5781	2263189.724									
1000	5782	2263189.724									
1000	5783	2263336.753	1484-09-05 06:04:55	0.75581857	1.28588143	0.781142214º	1.312494869º	229.1483642	55.96052889	1.003340763	Grazing
1000	5784	2263336.753									
1000	5785	2263336.753									
1000	5786	2263336.753									
1000	5787	2263336.753									
1000	5788	2263514.062	1485-03-01 13:28:42	0.719313272	1.322386728	0.658248047º	1.193720972º	225.4363925	63.28268704	0.995620419	Penumbral
1000	5789	2263514.062									
1000	5790	2263514.062									
1000	5791	2263514.062									
1000	5792	2263514.062									
1000	5793	2263543.769	1485-03-31 06:27:41	0.719880928	1.321819072	0.654415059º	1.185325477º	227.3936809	63.70295743	1.004176523	Grazing
1000	5794	2263691.418	1485-08-25 22:02:21	0.749664911	1.292035089	0.754560043º	1.28434183º	229.5295866	57.46583262	1.006315791	Umbral
1000	5795	2263691.418									
1000	5796	2263691.418									
1000	5797	2263691.418									
1000	5798	2263691.418									
1000	5799	2263720.795	1485-09-24 07:04:17	0.752507352	1.289192648	0.772152293º	1.306386476º	227.731889	56.36864345	0.997928989	Grazing
1000	5800	2263868.202	1486-02-18 16:50:58	0.731215666	1.310484334	0.698355278º	1.235477401º	225.4285491	60.59769613	0.992563433	Total
1000	5801	2263868.202									

1000	5802	2263868.202									
1000	5803	2263868.202									
1000	5804	2263868.202									
1000	5805	2264045.886	1486-08-15 09:15:28	0.735740379	1.305959621	0.702156899º	1.23049335º	229.4193562	60.63233968	1.009068703	Total
1000	5806	2264045.886									
1000	5807	2264045.886									
1000	5808	2264045.886									
1000	5809	2264045.886									
1000	5810	2264045.886									
1000	5811	2264222.64	1487-02-08 03:22:06	0.745624636	1.296075364	0.751345081º	1.289935359º	225.6291221	57.40098544	0.989857782	Total
1000	5812	2264222.64									
1000	5813	2264222.64									
1000	5814	2264222.64									
1000	5815	2264222.64									
1000	5816	2264400.056	1487-08-04 13:21:16	0.724141848	1.317558152	0.662507695º	1.189538338º	229.3631216	63.27740915	1.011568842	Umbral
1000	5817	2264400.056									
1000	5818	2264400.056									
1000	5819	2264400.056									
1000	5820	2264400.056									
1000	5821	2264400.056									
1000	5822	2264547.842	1487-12-30 08:12:09	0.749620634	1.292079366	0.771264725º	1.313335995º	224.4578829	56.20629132	0.983501261	Grazing
1000	5823	2264547.842									
1000	5824	2264547.842									
1000	5825	2264547.842									
1000	5826	2264547.842									
1000	5827	2264577.275	1488-01-28 18:35:30	0.751988415	1.289711585	0.777714071º	1.317575499º	225.4396697	55.91837432	0.987527076	Umbral
1000	5828	2264724.489	1488-06-23 23:44:49	0.73040751	1.31129249	0.678797131º	1.203138064º	230.9532355	62.26912295	1.016757886	Grazing
1000	5829	2264724.489									
1000	5830	2264724.489									
1000	5831	2264724.489									
1000	5832	2264724.489									
1000	5833	2264754.074	1488-07-23 13:46:04	0.724518326	1.317181674	0.662229313º	1.188151503º	229.8825541	63.334151	1.013700863	Penumbral
1000	5834	2264902.406	1488-12-18 21:44:21	0.738127181	1.303572819	0.728601435º	1.2708993º	223.7647854	58.60421309	0.983090313	Penumbral
1000	5835	2264902.406									
1000	5836	2264902.406									
1000	5837	2264902.406									
1000	5838	2264902.406									
1000	5839	2264931.916	1489-01-17 09:58:23	0.745953612	1.295746388	0.755689738º	1.296584963º	224.7102538	57.09336156	0.985639645	Grazing
1000	5840	2265078.811	1489-06-13 07:27:58	0.745131115	1.296568885	0.729370411º	1.253662044º	231.8088108	59.08715891	1.016853492	Umbral
1000	5841	2265078.811									
1000	5842	2265078.811									
1000	5843	2265078.811									
1000	5844	2265256.706	1489-12-08 04:57:03	0.722245353	1.319454647	0.675262257º	1.217479291º	222.9026742	61.91808623	0.983236867	Total
1000	5845	2265256.706									

1000	5846	2265256.706									
1000	5847	2265256.706									
1000	5848	2265256.706									
1000	5849	2265256.706									
1000	5850	2265433.409	1490-06-02 21:48:39	0.756813233	1.284886767	0.774554674º	1.299082837º	232.30318	56.49975728	1.016394953	Total
1000	5851	2265433.409									
1000	5852	2265433.409									
1000	5853	2265433.409									
1000	5854	2265433.409									
1000	5855	2265433.409									
1000	5856	2265610.726	1490-11-27 05:25:27	0.713910301	1.327789699	0.649145614º	1.190926286º	222.6200229	63.69489975	0.984028787	Total
1000	5857	2265610.726									
1000	5858	2265610.726									
1000	5859	2265610.726									
1000	5860	2265610.726									
1000	5861	2265610.726									
1000	5862	2265788.125	1491-05-23 15:00:16	0.758010506	1.283689494	0.780211495º	1.305259288º	232.1251445	56.17859321	1.015389046	Umbral
1000	5863	2265788.125									
1000	5864	2265788.125									
1000	5865	2265788.125									
1000	5866	2265788.125									
1000	5867	2265788.125									
1000	5868	2265935.044	1491-10-17 13:04:01	0.729469267	1.312230733	0.693424238º	1.231037371º	225.0674146	60.89364264	0.991656909	Grazing
1000	5869	2265935.044									
1000	5870	2265935.044									
1000	5871	2265935.044									
1000	5872	2265964.716	1491-11-16 05:10:22	0.720193817	1.321506183	0.667542146º	1.208528225º	223.2387124	62.46933661	0.985474116	Umbral
1000	5873	2266113.339	1492-04-12 20:08:37	0.738387766	1.303312234	0.712347338º	1.241441044º	229.2279984	59.97500486	1.007624495	Penumbral
1000	5874	2266113.339									
1000	5875	2266113.339									
1000	5876	2266113.339									
1000	5877	2266113.339									
1000	5878	2266142.765	1492-05-12 06:21:43	0.747819074	1.293880926	0.741578094º	1.267393506º	231.2486195	58.32290247	1.013906717	Penumbral
1000	5879	2266289.461	1492-10-05 23:03:59	0.745675311	1.296024689	0.7482315º	1.284275173º	226.6481354	57.64868441	0.994560342	Penumbral
1000	5880	2266289.461									
1000	5881	2266289.461									
1000	5882	2266289.461									
1000	5883	2266289.461									
1000	5884	2266318.961	1492-11-04 11:04:03	0.736076351	1.305623649	0.718538096º	1.258463525º	224.5570002	59.27211256	0.987410018	Grazing
1000	5885	2266467.561	1493-04-02 01:28:25	0.723660579	1.318039421	0.665933806º	1.196590186º	227.6761987	62.92165971	1.004657247	Total
1000	5886	2266467.561									
1000	5887	2266467.561									
1000	5888	2266467.561									
1000	5889	2266467.561									

1000	5890	2266644.099	1493-09-25 14:22:49	0.754291644	1.287408356	0.779404196º	1.313834265º	227.7709407	55.97196202	0.997563215	Total
1000	5891	2266644.099									
1000	5892	2266644.099									
1000	5893	2266644.099									
1000	5894	2266644.099									
1000	5895	2266644.099									
1000	5896	2266821.567	1494-03-22 01:37:04	0.719686344	1.322013656	0.655628819º	1.187981431º	226.7591931	63.56935943	1.001456115	Total
1000	5897	2266821.567									
1000	5898	2266821.567									
1000	5899	2266821.567									
1000	5900	2266821.567									
1000	5901	2266998.773	1494-09-15 06:32:30	0.75073463	1.29096537	0.763035327º	1.295842934º	228.2755111	56.90777612	1.000600913	Total
1000	5902	2266998.773									
1000	5903	2266998.773									
1000	5904	2266998.773									
1000	5905	2266998.773									
1000	5906	2266998.773									
1000	5907	2267175.66	1495-03-11 03:50:31	0.729200057	1.312499943	0.687848703º	1.221920393º	226.5742722	61.36224203	0.998232612	Penumbral
1000	5908	2267175.66									
1000	5909	2267175.66									
1000	5910	2267175.66									
1000	5911	2267175.66									
1000	5912	2267175.66									
1000	5913	2267323.773	1495-08-06 06:33:07	0.732122931	1.309577069	0.688360698º	1.215581626º	229.7416668	61.54847222	1.011203747	Grazing
1000	5914	2267323.773									
1000	5915	2267323.773									
1000	5916	2267323.773									
1000	5917	2267323.773									
1000	5918	2267353.288	1495-09-04 18:54:53	0.737778108	1.303921892	0.713073364º	1.244241155º	228.2842191	59.86728204	1.003689957	Penumbral
1000	5919	2267500.592	1496-01-30 02:12:06	0.748277209	1.293422791	0.763009632º	1.30271481º	225.3029364	56.72048066	0.987812974	Umbral
1000	5920	2267500.592									
1000	5921	2267500.592									
1000	5922	2267500.592									
1000	5923	2267500.592									
1000	5924	2267530.043	1496-02-28 13:01:42	0.743874059	1.297825941	0.741060836º	1.276811201º	226.6903282	58.06767922	0.995104834	Grazing
1000	5925	2267677.878	1496-07-25 09:03:43	0.723167033	1.318532967	0.658189693º	1.184264139º	229.7475377	63.6073775	1.013407478	Total Penumbral
1000	5926	2267677.878									
1000	5927	2267677.878									
1000	5928	2267677.878									
1000	5929	2267855.245	1497-01-18 17:52:45	0.751260668	1.290439332	0.776029249º	1.316815124º	225.044307	55.9840806	0.985838948	Total
1000	5930	2267855.245									
1000	5931	2267855.245									
1000	5932	2267855.245									
1000	5933	2267855.245									

1000	5934	2267855.245									
1000	5935	2268031.909	1497-07-14 09:49:40	0.727389639	1.314310361	0.670324298º	1.195505661º	230.3742733	62.80820477	1.0151308	Total
1000	5936	2268031.909									
1000	5937	2268031.909									
1000	5938	2268031.909									
1000	5939	2268031.909									
1000	5940	2268031.909									
1000	5941	2268209.85	1498-01-08 08:24:33	0.741963327	1.299736673	0.7416203º	1.283236455º	224.2395715	57.8684442	0.984327689	Total
1000	5942	2268209.85									
1000	5943	2268209.85									
1000	5944	2268209.85									
1000	5945	2268209.85									
1000	5946	2268209.85									
1000	5947	2268386.163	1498-07-03 15:54:25	0.741596106	1.300103894	0.717103964º	1.241696719º	231.4737384	59.81991436	1.016269806	Umbral
1000	5948	2268386.163									
1000	5949	2268386.163									
1000	5950	2268386.163									
1000	5951	2268386.163									
1000	5952	2268386.163									
1000	5953	2268534.512	1498-11-29 00:16:34	0.718702135	1.322997865	0.663700799º	1.205582256º	222.8644201	62.69701732	0.983845767	Grazing
1000	5954	2268534.512									
1000	5955	2268534.512									
1000	5956	2268534.512									
1000	5957	2268564.224	1498-12-28 17:22:38	0.72585627	1.31584373	0.686796265º	1.228938285º	223.1206201	61.1730522	0.983372914	Penumbral
1000	5958	2268711.42	1499-05-24 22:04:40	0.758215503	1.283484497	0.78103926º	1.305999718º	232.1468639	56.1362666	1.015557972	Penumbral
1000	5959	2268711.42									
1000	5960	2268711.42									
1000	5961	2268711.42									
1000	5962	2268711.42									
1000	5963	2268740.712	1499-06-23 05:04:52	0.755062568	1.286637432	0.767131439º	1.291446839º	232.3340516	56.91393974	1.016807397	Penumbral
1000	5964	2268888.49	1499-11-17 23:45:57	0.714449562	1.327250438	0.650081842º	1.191199239º	222.8928098	63.65275188	0.985234961	Penumbral
1000	5965	2268888.49									
1000	5966	2268888.49									
1000	5967	2268888.49									
1000	5968	2268888.49									
1000	5969	2268918.296	1499-12-17 19:06:11	0.714429385	1.327270615	0.651273689º	1.193583994º	222.445089	63.52940395	0.983067761	Grazing
1000	5970	2269066.133	1500-05-13 15:12:11	0.755924672	1.285775328	0.772739692º	1.298447329º	231.7332317	56.56704659	1.014114575	Umbral
1000	5971	2269066.133									
1000	5972	2269066.133									
1000	5973	2269066.133									
1000	5974	2269066.133									
1000	5975	2269242.534	1500-11-06 00:48:23	0.724592177	1.317107823	0.680477718º	1.220555033º	223.8165978	61.64671918	0.987132329	Umbral
1000	5976	2269242.534									
1000	5977	2269242.534									

1000	5978	2269242.534									
1000	5979	2269242.534									
1000	5980	2269242.534									
1000	5981	2269420.717	1501-05-03 05:12:33	0.743178506	1.298521494	0.725831528º	1.252531117º	230.5933975	59.22761516	1.012204659	Total
1000	5982	2269420.717									
1000	5983	2269420.717									
1000	5984	2269420.717									
1000	5985	2269420.717									
1000	5986	2269596.872	1501-10-26 08:54:59	0.741084598	1.300615402	0.734959571º	1.273787944º	225.2725322	58.33288088	0.989420387	Total
1000	5987	2269596.872									
1000	5988	2269596.872									
1000	5989	2269596.872									
1000	5990	2269596.872									
1000	5991	2269596.872									
1000	5992	2269775.016	1502-04-22 12:22:33	0.727727138	1.313972862	0.675203394º	1.203137282º	229.1225014	62.38967154	1.009838144	Total Penumbral
1000	5993	2269775.016									
1000	5994	2269775.016									
1000	5995	2269775.016									
1000	5996	2269775.016									
1000	5997	2269775.016									
1000	5998	2269922.09	1502-09-16 14:09:21	0.754981105	1.286718895	0.780167413º	1.313147128º	228.4020722	55.96956847	1.000277802	Grazing
1000	5999	2269922.09									
1000	6000	2269922.09									
1000	6001	2269922.09									
1000	6002	2269922.09									
1000	6003	2269951.466	1502-10-15 23:10:25	0.752149294	1.289550706	0.775004423º	1.312422336º	226.4354212	56.1288796	0.992017133	Umbral
1000	6004	2270099.369	1503-03-12 20:51:43	0.720672741	1.321027259	0.660449782º	1.194270264º	226.1947668	63.18806716	0.998702366	Penumbral
1000	6005	2270099.369									
1000	6006	2270099.369									
1000	6007	2270099.369									
1000	6008	2270129.057	1503-04-11 13:22:06	0.720805259	1.320894741	0.655288515º	1.184672721º	228.1173152	63.69481331	1.007071561	Grazing
1000	6009	2270276.742	1503-09-06 05:48:42	0.748175196	1.293524804	0.751119705º	1.282479838º	228.7698586	57.61641796	1.003326642	Penumbral
1000	6010	2270276.742									
1000	6011	2270276.742									
1000	6012	2270276.742									
1000	6013	2270276.742									
1000	6014	2270306.138	1503-10-05 15:19:20	0.751349261	1.290350739	0.769860245º	1.305732027º	226.9954885	56.44925149	0.994879364	Penumbral
1000	6015	2270453.531	1504-03-01 00:44:49	0.732899492	1.308800508	0.702058834º	1.237596302º	226.1651706	60.41489795	0.995500425	Total
1000	6016	2270453.531									
1000	6017	2270453.531									
1000	6018	2270453.531									
1000	6019	2270453.531									
1000	6020	2270631.188	1504-08-25 16:30:18	0.734040303	1.307659697	0.698343841º	1.228121299º	228.688255	60.82789308	1.006324013	Total
1000	6021	2270631.188									

1000	6022	2270631.188									
1000	6023	2270631.188									
1000	6024	2270631.188									
1000	6025	2270631.188									
1000	6026	2270807.99	1505-02-18 11:45:10	0.746944474	1.294755526	0.754425203º	1.291561721º	226.2813431	57.26826622	0.992536832	Total
1000	6027	2270807.99									
1000	6028	2270807.99									
1000	6029	2270807.99									
1000	6030	2270807.99									
1000	6031	2270807.99									
1000	6032	2270985.337	1505-08-14 20:05:41	0.722977538	1.318722462	0.660550672º	1.188841575º	228.7292097	63.36883349	1.009155703	Total
1000	6033	2270985.337									
1000	6034	2270985.337									
1000	6035	2270985.337									
1000	6036	2270985.337									
1000	6037	2271133.209	1506-01-09 17:01:30	0.749540504	1.292159496	0.770219933º	1.311727644º	224.6721851	56.27794188	0.984524812	Grazing
1000	6038	2271133.209									
1000	6039	2271133.209									
1000	6040	2271133.209									
1000	6041	2271133.209									
1000	6042	2271162.635	1506-02-08 03:13:46	0.752572947	1.289127053	0.778329379º	1.316901957º	225.9772615	55.9196173	0.989890312	Umbral
1000	6043	2271309.766	1506-07-05 06:23:44	0.730992993	1.310707007	0.681196651º	1.205868695º	230.8253511	62.09952277	1.016116227	Grazing
1000	6044	2271309.766									
1000	6045	2271309.766									
1000	6046	2271309.766									
1000	6047	2271309.766									
1000	6048	2271339.351	1506-08-03 20:24:50	0.724334409	1.317365591	0.663081913º	1.190053018º	229.3880345	63.24011521	1.011683133	Penumbral
1000	6049	2271487.765	1506-12-30 06:22:08	0.737445726	1.304254274	0.725904832º	1.267965011º	223.8157232	58.7700491	0.983521384	Penumbral
1000	6050	2271487.765									
1000	6051	2271487.765									
1000	6052	2271487.765									
1000	6053	2271487.765									
1000	6054	2271517.275	1507-01-28 18:36:04	0.745827682	1.295872318	0.75386409º	1.293693613º	225.1165826	57.2249206	0.987585443	Grazing
1000	6055	2271664.107	1507-06-24 14:34:05	0.746038037	1.295661963	0.732744192º	1.257087618º	231.8397051	58.88480173	1.016753049	Umbral
1000	6056	2271664.107									
1000	6057	2271664.107									
1000	6058	2271664.107									
1000	6059	2271664.107									
1000	6060	2271842.05	1507-12-19 13:12:29	0.721478827	1.320221173	0.672981167º	1.215279597º	222.8182533	62.06541375	0.983089288	Total
1000	6061	2271842.05									
1000	6062	2271842.05									
1000	6063	2271842.05									
1000	6064	2271842.05									
1000	6065	2272018.718	1508-06-13 05:13:57	0.75737008	1.28432992	0.776414803º	1.300711945º	232.4439869	56.40458009	1.016842808	Total

1000	6066	2272018.718									
1000	6067	2272018.718									
1000	6068	2272018.718									
1000	6069	2272018.718									
1000	6070	2272018.718									
1000	6071	2272196.06	1508-12-07 13:25:51	0.713623496	1.328076504	0.648750151º	1.190964698º	222.4408407	63.70743145	0.983241377	Total
1000	6072	2272196.06									
1000	6073	2272196.06									
1000	6074	2272196.06									
1000	6075	2272196.06									
1000	6076	2272196.06									
1000	6077	2272373.437	1509-06-02 22:29:01	0.757951707	1.283748293	0.779173331º	1.303689171º	232.3595351	56.2489667	1.016418833	Umbral
1000	6078	2272373.437									
1000	6079	2272373.437									
1000	6080	2272373.437									
1000	6081	2272373.437									
1000	6082	2272373.437									
1000	6083	2272520.381	1509-10-27 21:08:00	0.729609689	1.312090311	0.695560691º	1.234583915º	224.5210162	60.71431625	0.989062723	Grazing
1000	6084	2272520.381									
1000	6085	2272520.381									
1000	6086	2272520.381									
1000	6087	2272520.381									
1000	6088	2272550.054	1509-11-26 13:18:15	0.720465441	1.321234559	0.669181728º	1.210941524º	222.9734581	62.33456651	0.984066704	Umbral
1000	6089	2272698.644	1510-04-24 03:27:12	0.738186521	1.303513479	0.70973451º	1.23745531º	229.8285426	60.17834409	1.010245907	Penumbral
1000	6090	2272698.644									
1000	6091	2272698.644									
1000	6092	2272698.644									
1000	6093	2272728.068	1510-05-23 13:37:59	0.747349597	1.294350403	0.738684797º	1.263703549º	231.5788636	58.51487963	1.015445212	Penumbral
1000	6094	2272874.807	1510-10-17 07:22:22	0.745643151	1.296056849	0.750165048º	1.287763694º	226.0165933	57.49535323	0.991683632	Penumbral
1000	6095	2272874.807									
1000	6096	2272874.807									
1000	6097	2272874.807									
1000	6098	2272874.807									
1000	6099	2272904.313	1510-11-15 19:30:32	0.736421795	1.305278205	0.720965443º	1.261941198º	224.1810345	59.09546591	0.985492922	Grazing
1000	6100	2273052.853	1511-04-13 08:28:57	0.723975908	1.317724092	0.664948492º	1.19408817º	228.3633209	63.03952091	1.007536951	Umbral
1000	6101	2273052.853									
1000	6102	2273052.853									
1000	6103	2273052.853									
1000	6104	2273052.853									
1000	6105	2273229.446	1511-10-06 22:42:17	0.753639786	1.288060214	0.779097581º	1.315153263º	227.0598194	55.9452416	0.99453806	Total
1000	6106	2273229.446									
1000	6107	2273229.446									
1000	6108	2273229.446									
1000	6109	2273229.446									

1000	6110	2273229.446									
1000	6111	2273406.862	1512-04-01 08:40:39	0.720885736	1.320814264	0.657274721°	1.188044138°	227.5203491	63.5098504	1.004443285	Total
1000	6112	2273406.862									
1000	6113	2273406.862									
1000	6114	2273406.862									
1000	6115	2273406.862									
1000	6116	2273406.862									
1000	6117	2273584.109	1512-09-25 14:37:18	0.749366433	1.292333567	0.760074486°	1.294503043°	227.5074723	57.02757998	0.997566037	Total
1000	6118	2273584.109									
1000	6119	2273584.109									
1000	6120	2273584.109									
1000	6121	2273584.109									
1000	6122	2273760.974	1513-03-21 11:22:36	0.730938089	1.310761911	0.69145032°	1.223913027°	227.368244	61.18210809	1.001249047	Umbral
1000	6123	2273760.974									
1000	6124	2273760.974									
1000	6125	2273760.974									
1000	6126	2273760.974									
1000	6127	2273760.974									
1000	6128	2273909.065	1513-08-16 13:34:11	0.730545735	1.311154265	0.68492888°	1.213409897°	229.07433	61.7309727	1.008792671	Grazing
1000	6129	2273909.065									
1000	6130	2273909.065									
1000	6131	2273909.065									
1000	6132	2273909.065									
1000	6133	2273938.605	1513-09-15 02:30:29	0.736015588	1.305684412	0.709150735°	1.241915028°	227.489959	60.05993087	1.000682263	Total Penumbral
1000	6134	2274085.948	1514-02-09 10:45:05	0.749349001	1.292350999	0.765441801°	1.303857629°	225.8731253	56.62194209	0.990178502	Penumbral
1000	6135	2274085.948									
1000	6136	2274085.948									
1000	6137	2274085.948									
1000	6138	2274085.948									
1000	6139	2274115.379	1514-03-10 21:06:15	0.74542966	1.29627034	0.744628522°	1.278750295°	227.4515301	57.90884992	0.99813901	Grazing
1000	6140	2274263.153	1514-08-05 15:39:46	0.722335533	1.319364467	0.657069228°	1.184213773°	229.2068227	63.64826495	1.01135027	Penumbral
1000	6141	2274263.153									
1000	6142	2274263.153									
1000	6143	2274263.153									
1000	6144	2274263.153									
1000	6145	2274292.807	1514-09-04 07:22:04	0.723182846	1.318517154	0.664800629°	1.195882369°	227.5092508	62.98420452	1.003852585	Grazing
1000	6146	2274440.608	1515-01-30 02:35:50	0.751561111	1.290138889	0.775783885°	1.315477422°	225.4863588	56.02628805	0.987834283	Total
1000	6147	2274440.608									
1000	6148	2274440.608									
1000	6149	2274440.608									
1000	6150	2274617.187	1515-07-25 16:29:26	0.727543058	1.314156942	0.671970519°	1.198012086°	229.9917162	62.66864457	1.01347082	Total
1000	6151	2274617.187									
1000	6152	2274617.187									
1000	6153	2274617.187									

1000	6154	2274617.187									
1000	6155	2274617.187									
1000	6156	2274795.21	1516-01-19 17:01:56	0.741613939	1.300086061	0.739347338º	1.280112721º	224.5354797	58.02322915	0.985876305	Total
1000	6157	2274795.21									
1000	6158	2274795.21									
1000	6159	2274795.21									
1000	6160	2274795.21									
1000	6161	2274795.21									
1000	6162	2274971.457	1516-07-13 22:57:55	0.74224305	1.29945695	0.720223276º	1.245416072º	231.2459322	59.61147233	1.015108703	Total
1000	6163	2274971.457									
1000	6164	2274971.457									
1000	6165	2274971.457									
1000	6166	2274971.457									
1000	6167	2274971.457									
1000	6168	2275119.851	1516-12-09 08:24:58	0.717929435	1.323770565	0.661776269º	1.204009299º	222.6720858	62.81495602	0.983207862	Grazing
1000	6169	2275119.851									
1000	6170	2275119.851									
1000	6171	2275119.851									
1000	6172	2275119.851									
1000	6173	2275149.571	1517-01-08 01:41:33	0.725312645	1.316387355	0.684489108º	1.226095292º	223.2803654	61.3382057	0.984345811	Penumbral
1000	6174	2275296.732	1517-06-04 05:33:33	0.758685099	1.283014901	0.782185959º	1.306671835º	232.3950967	56.08716372	1.016476902	Penumbral
1000	6175	2275296.732									
1000	6176	2275296.732									
1000	6177	2275296.732									
1000	6178	2275326.019	1517-07-03 12:27:57	0.755498347	1.286201653	0.769318591º	1.293925016º	232.2208543	56.78503542	1.016243325	Penumbral
1000	6179	2275473.822	1517-11-28 07:44:09	0.714250879	1.327449121	0.650238667º	1.192064944º	222.6146514	63.61755476	0.983945963	Penumbral
1000	6180	2275473.822									
1000	6181	2275473.822									
1000	6182	2275473.822									
1000	6183	2275473.822									
1000	6184	2275503.631	1517-12-28 03:09:04	0.714277637	1.327422363	0.650626089º	1.192760469º	222.5046814	63.58018075	0.983386771	Grazing
1000	6185	2275651.445	1518-05-24 22:40:56	0.755787746	1.285912254	0.771040629º	1.295991131º	232.0692563	56.6808236	1.015577232	Umbral
1000	6186	2275651.445									
1000	6187	2275651.445									
1000	6188	2275651.445									
1000	6189	2275651.445									
1000	6190	2275827.874	1518-11-17 08:58:33	0.724868957	1.316831043	0.682469188º	1.223558892º	223.4540805	61.48504922	0.985285386	Umbral
1000	6191	2275827.874									
1000	6192	2275827.874									
1000	6193	2275827.874									
1000	6194	2275827.874									
1000	6195	2275827.874									
1000	6196	2276006.018	1519-05-14 12:25:44	0.742769969	1.298930031	0.722930844º	1.248628368º	231.0226038	59.43220086	1.014134085	Total
1000	6197	2276006.018									

1000	6198	2276006.018									
1000	6199	2276006.018									
1000	6200	2276006.018									
1000	6201	2276006.018									
1000	6202	2276182.224	1519-11-06 17:22:13	0.74127636	1.30042364	0.737196973º	1.277274348º	224.798574	58.16707772	0.98713222	Total
1000	6203	2276182.224									
1000	6204	2276182.224									
1000	6205	2276182.224									
1000	6206	2276182.224									
1000	6207	2276360.301	1520-05-02 19:13:56	0.727717515	1.313982485	0.673516068º	1.200249177º	229.6740161	62.54202998	1.012140246	Umbral
1000	6208	2276360.301									
1000	6209	2276360.301									
1000	6210	2276360.301									
1000	6211	2276360.301									
1000	6212	2276360.301									
1000	6213	2276507.432	1520-09-26 22:21:27	0.754104628	1.287595372	0.779022516º	1.313654115º	227.6591724	55.98707191	0.997187184	Grazing
1000	6214	2276507.432									
1000	6215	2276507.432									
1000	6216	2276507.432									
1000	6217	2276507.432									
1000	6218	2276536.822	1520-10-26 07:43:01	0.751759245	1.289940755	0.775399094º	1.314235386º	225.8416011	56.06979379	0.989405847	Umbral
1000	6219	2276684.671	1521-03-23 04:06:37	0.722091555	1.319608445	0.662795909º	1.194986343º	226.9719371	63.08314176	1.001761293	Penumbral
1000	6220	2276684.671									
1000	6221	2276684.671									
1000	6222	2276684.671									
1000	6223	2276684.671									
1000	6224	2276714.339	1521-04-21 20:08:40	0.721711639	1.319988361	0.656251105º	1.184256º	228.7906324	63.67543742	1.00970234	Grazing
1000	6225	2276862.071	1521-09-16 13:41:43	0.746638839	1.295061161	0.747617675º	1.280598906º	227.989345	57.77010771	1.000274956	Penumbral
1000	6226	2276862.071									
1000	6227	2276862.071									
1000	6228	2276862.071									
1000	6229	2276862.071									
1000	6230	2277038.855	1522-03-12 08:31:39	0.734637947	1.307062053	0.705872462º	1.239768287º	226.9428515	60.22812012	0.998561428	Total
1000	6231	2277038.855									
1000	6232	2277038.855									
1000	6233	2277038.855									
1000	6234	2277038.855									
1000	6235	2277216.494	1522-09-05 23:51:11	0.732300054	1.309399946	0.694578378º	1.225902633º	227.9131578	61.01834101	1.003394393	Total
1000	6236	2277216.494									
1000	6237	2277216.494									
1000	6238	2277216.494									
1000	6239	2277216.494									
1000	6240	2277216.494									
1000	6241	2277393.334	1523-03-01 20:01:32	0.748307292	1.293392708	0.757504009º	1.293064761º	226.9952952	57.13960909	0.995457147	Total

1000	6242	2277393.334									
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1000	6244	2277393.334									
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1000	6246	2277393.334									
1000	6247	2277570.623	1523-08-26 02:56:35	0.721773281	1.319926719	0.65867982º	1.18839325º	228.0275601	63.44904795	1.00644565	Total
1000	6248	2277570.623									
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1000	6250	2277570.623									
1000	6251	2277570.623									
1000	6252	2277570.623									
1000	6253	2277747.99	1524-02-19 11:45:27	0.753205385	1.288494615	0.778857524º	1.315986471º	226.5968952	55.92962755	0.992550821	Umbral
1000	6254	2277747.99									
1000	6255	2277747.99									
1000	6256	2277747.99									
1000	6257	2277747.99									
1000	6258	2277895.046	1524-07-15 13:06:53	0.73144972	1.31025028	0.683561922º	1.208841665º	230.5646224	61.92410031	1.014940676	Grazing
1000	6259	2277895.046									
1000	6260	2277895.046									
1000	6261	2277895.046									
1000	6262	2277895.046									
1000	6263	2277924.633	1524-08-14 03:10:49	0.724079267	1.317620733	0.663975751º	1.192184541º	228.8027831	63.13716604	1.009312583	Penumbral
1000	6264	2278073.123	1525-01-09 14:57:01	0.73689881	1.30480119	0.723316652º	1.264824566º	223.9951619	58.93964528	0.984524444	Penumbral
1000	6265	2278073.123									
1000	6266	2278073.123									
1000	6267	2278073.123									
1000	6268	2278073.123									
1000	6269	2278102.63	1525-02-08 03:07:22	0.74577992	1.29592008	0.752004854º	1.290579907º	225.6223892	57.36424259	0.989885763	Grazing
1000	6270	2278249.405	1525-07-04 21:42:53	0.746778134	1.294921866	0.735965025º	1.26061647º	231.7295746	58.68535826	1.016156122	Umbral
1000	6271	2278249.405									
1000	6272	2278249.405									
1000	6273	2278249.405									
1000	6274	2278249.405									
1000	6275	2278427.393	1525-12-29 21:26:33	0.72089926	1.32080074	0.670927049º	1.213002219º	222.8679686	62.20840954	0.983494185	Total
1000	6276	2278427.393									
1000	6277	2278427.393									
1000	6278	2278427.393									
1000	6279	2278427.393									
1000	6280	2278427.393									
1000	6281	2278604.027	1526-06-24 12:39:32	0.757742021	1.283957979	0.777992447º	1.302331546º	232.4422257	56.31771162	1.016761441	Total
1000	6282	2278604.027									
1000	6283	2278604.027									
1000	6284	2278604.027									
1000	6285	2278604.027									

1000	6286	2278781.394	1526-12-18 21:27:40	0.713548241	1.328151759	0.648648075º	1.190956273º	222.3959039	63.71129791	0.983071582	Total
1000	6287	2278781.394									
1000	6288	2278781.394									
1000	6289	2278781.394									
1000	6290	2278781.394									
1000	6291	2278781.394									
1000	6292	2278958.747	1527-06-14 05:55:32	0.757710334	1.283989666	0.777816807º	1.302120951º	232.4550548	56.32818394	1.016829228	Umbral
1000	6293	2278958.747									
1000	6294	2278958.747									
1000	6295	2278958.747									
1000	6296	2278958.747									
1000	6297	2278958.747									
1000	6298	2279105.722	1527-11-08 05:20:01	0.729858132	1.311841868	0.69780978º	1.23801953º	224.067071	60.53592565	0.98689033	Grazing
1000	6299	2279105.722									
1000	6300	2279105.722									
1000	6301	2279105.722									
1000	6302	2279105.722									
1000	6303	2279135.396	1527-12-07 21:30:17	0.720917261	1.320782739	0.671070252º	1.213248183º	222.8362975	62.19556	0.98330778	Umbral
1000	6304	2279283.943	1528-05-04 10:37:35	0.737888338	1.303811662	0.707008888º	1.233585779º	230.3480704	60.38302591	1.012440513	Penumbral
1000	6305	2279283.943									
1000	6306	2279283.943									
1000	6307	2279283.943									
1000	6308	2279283.943									
1000	6309	2279313.368	1528-06-02 20:49:32	0.746720985	1.294979015	0.735579393º	1.260123385º	231.7794421	58.71122841	1.016364281	Penumbral
1000	6310	2279460.159	1528-10-27 15:48:47	0.745655558	1.296044442	0.752063187º	1.291038751º	225.4552501	57.3497911	0.989150182	Penumbral
1000	6311	2279460.159									
1000	6312	2279460.159									
1000	6313	2279460.159									
1000	6314	2279489.668	1528-11-26 04:02:29	0.736886575	1.304813425	0.723502552º	1.265206831º	223.9207901	58.92281943	0.984167559	Grazing
1000	6315	2279638.139	1529-04-23 15:20:35	0.724256921	1.317443079	0.66399303º	1.191791144º	228.9962529	63.14986662	1.010097921	Umbral
1000	6316	2279638.139									
1000	6317	2279638.139									
1000	6318	2279638.139									
1000	6319	2279638.139									
1000	6320	2279814.798	1529-10-17 07:09:21	0.752996926	1.288703074	0.778664252º	1.316263589º	226.3970468	55.92749894	0.991682357	Total
1000	6321	2279814.798									
1000	6322	2279814.798									
1000	6323	2279814.798									
1000	6324	2279814.798									
1000	6325	2279814.798									
1000	6326	2279992.15	1530-04-12 15:36:18	0.722091539	1.319608461	0.659059652º	1.188295194º	228.2532297	63.43919534	1.007354448	Total
1000	6327	2279992.15									
1000	6328	2279992.15									
1000	6329	2279992.15									

1000	6330	2279992.15									
1000	6331	2279992.15									
1000	6332	2280169.451	1530-10-06 22:49:17	0.747996793	1.293703207	0.75702534º	1.293106127º	226.7646273	57.15195774	0.994491485	Total
1000	6333	2280169.451									
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1000	6336	2280169.451									
1000	6337	2280169.451									
1000	6338	2280346.283	1531-04-01 18:47:39	0.732686159	1.309013841	0.695178527º	1.226001428º	228.15854	60.99594211	1.004342083	Umbral
1000	6339	2280346.283									
1000	6340	2280346.283									
1000	6341	2280346.283									
1000	6342	2280346.283									
1000	6343	2280494.362	1531-08-27 20:40:48	0.728914548	1.312785452	0.681518312º	1.211473803º	228.3424365	61.90620015	1.00598595	Grazing
1000	6344	2280494.362									
1000	6345	2280494.362									
1000	6346	2280494.362									
1000	6347	2280494.362									
1000	6348	2280523.926	1531-09-26 10:13:01	0.734257836	1.307442164	0.705264626º	1.239700733º	226.6977259	60.24923809	0.997551945	Umbral
1000	6349	2280671.3	1532-02-20 19:11:49	0.750476289	1.291223711	0.767867206º	1.30479918º	226.5225396	56.52938295	0.992914939	Penumbral
1000	6350	2280671.3									
1000	6351	2280671.3									
1000	6352	2280671.3									
1000	6353	2280671.3									
1000	6354	2280700.711	1532-03-21 05:03:45	0.746986535	1.294713465	0.748187832º	1.280649724º	228.2320518	57.7522498	1.00125058	Grazing
1000	6355	2280848.432	1532-08-15 22:21:53	0.721444659	1.320255341	0.65601187º	1.184438943º	228.5788465	63.67752365	1.008895655	Penumbral
1000	6356	2280848.432									
1000	6357	2280848.432									
1000	6358	2280848.432									
1000	6359	2280848.432									
1000	6360	2280878.106	1532-09-14 14:32:00	0.721733656	1.319966344	0.662324894º	1.19503193º	226.7326614	63.09778824	1.000789818	Grazing
1000	6361	2281025.967	1533-02-09 11:12:59	0.751927003	1.289772997	0.775468077º	1.313874221º	226.0255761	56.07754685	0.990196312	Total
1000	6362	2281025.967									
1000	6363	2281025.967									
1000	6364	2281025.967									
1000	6365	2281025.967									
1000	6366	2281202.469	1533-08-04 23:15:43	0.727599589	1.314100411	0.673647062º	1.200717858º	229.5013236	62.5220739	1.01149178	Total
1000	6367	2281202.469									
1000	6368	2281202.469									
1000	6369	2281202.469									
1000	6370	2281202.469									
1000	6371	2281380.565	1534-01-30 01:33:47	0.741367145	1.300332855	0.737083494º	1.276795613º	224.9434055	58.18412644	0.98780027	Total
1000	6372	2281380.565									
1000	6373	2281380.565									

1000	6374	2281380.565									
1000	6375	2281380.565									
1000	6376	2281380.565									
1000	6377	2281556.755	1534-07-25 06:06:45	0.7427431	1.2989569	0.723236359º	1.249228931º	230.8924085	59.40491722	1.013565223	Total
1000	6378	2281556.755									
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1000	6380	2281556.755									
1000	6381	2281556.755									
1000	6382	2281556.755									
1000	6383	2281705.19	1534-12-20 16:33:44	0.717354946	1.324345054	0.660095625º	1.20239789º	222.6134562	62.92629259	0.983082337	Grazing
1000	6384	2281705.19									
1000	6385	2281705.19									
1000	6386	2281705.19									
1000	6387	2281705.19									
1000	6388	2281734.914	1535-01-19 09:55:51	0.724931188	1.316768812	0.682353327º	1.223155157º	223.5654337	61.50177209	0.985809864	Penumbral
1000	6389	2281882.043	1535-06-15 13:01:15	0.758971467	1.282728533	0.783033545º	1.307317592º	232.5043674	56.04695795	1.016868205	Penumbral
1000	6390	2281882.043									
1000	6391	2281882.043									
1000	6392	2281882.043									
1000	6393	2281882.043									
1000	6394	2281911.329	1535-07-14 19:54:00	0.755755908	1.285944092	0.771234973º	1.296409126º	231.9703483	56.66405624	1.015144738	Penumbral
1000	6395	2282059.157	1535-12-09 15:45:40	0.714255562	1.327444438	0.650675814º	1.192886474º	222.4663097	63.57412846	0.983248425	Penumbral
1000	6396	2282059.157									
1000	6397	2282059.157									
1000	6398	2282059.157									
1000	6399	2282088.965	1536-01-08 11:09:41	0.714333637	1.327366363	0.650259026º	1.191891125º	222.6975278	63.62280689	0.984298712	Grazing
1000	6400	2282236.754	1536-06-04 06:05:59	0.755477495	1.286222505	0.769051899º	1.29354701º	232.2736936	56.8027959	1.016459005	Umbral
1000	6401	2282236.754									
1000	6402	2282236.754									
1000	6403	2282236.754									
1000	6404	2282236.754									
1000	6405	2282413.218	1536-11-27 17:14:19	0.725301079	1.316398921	0.684659943º	1.226437253º	223.2110767	61.32175612	0.984034894	Umbral
1000	6406	2282413.218									
1000	6407	2282413.218									
1000	6408	2282413.218									
1000	6409	2282413.218									
1000	6410	2282413.218									
1000	6411	2282591.314	1537-05-24 19:32:52	0.742221586	1.299478414	0.719869953º	1.24485258º	231.3346281	59.63929641	1.015515087	Total
1000	6412	2282591.314									
1000	6413	2282591.314									
1000	6414	2282591.314									
1000	6415	2282591.314									
1000	6416	2282591.314									
1000	6417	2282767.58	1537-11-17 01:55:52	0.741560898	1.300139102	0.739474781º	1.280536639º	224.4282682	58.00743242	0.985336094	Total

1000	6418	2282767.58									
1000	6419	2282767.58									
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1000	6421	2282767.58									
1000	6422	2282767.58									
1000	6423	2282945.582	1538-05-14 01:58:01	0.727621583	1.314078417	0.671829108º	1.197574093º	230.1291798	62.68802548	1.014042535	Umbral
1000	6424	2282945.582									
1000	6425	2282945.582									
1000	6426	2282945.582									
1000	6427	2282945.582									
1000	6428	2283092.779	1538-10-08 06:41:09	0.7532165	1.2884835	0.777739205º	1.313992154º	226.9442752	56.01282663	0.994172207	Grazing
1000	6429	2283092.779									
1000	6430	2283092.779									
1000	6431	2283092.779									
1000	6432	2283092.779									
1000	6433	2283122.182	1538-11-06 16:22:10	0.751422153	1.290277847	0.775718138º	1.315786662º	225.3343816	56.01984267	0.987148397	Umbral
1000	6434	2283269.968	1539-04-03 11:13:38	0.723538668	1.318161332	0.66528713º	1.195872968º	227.7429487	62.96786449	1.004790817	Penumbral
1000	6435	2283269.968									
1000	6436	2283269.968									
1000	6437	2283269.968									
1000	6438	2283269.968									
1000	6439	2283299.617	1539-05-03 02:48:24	0.72257382	1.31912618	0.65729316º	1.184093726º	229.3903169	63.64455623	1.012010639	Grazing
1000	6440	2283447.404	1539-09-27 21:41:44	0.745085192	1.296614808	0.744066976º	1.278706056º	227.212915	57.92636833	0.997173229	Penumbral
1000	6441	2283447.404									
1000	6442	2283447.404									
1000	6443	2283447.404									
1000	6444	2283447.404									
1000	6445	2283476.841	1539-10-27 08:10:30	0.749103299	1.292596701	0.765101945º	1.303934747º	225.6810803	56.62925305	0.989412255	Penumbral
1000	6446	2283624.175	1540-03-22 16:11:24	0.736400759	1.305299241	0.709767174º	1.242015413º	227.7379148	60.03767459	1.001652498	Umbral
1000	6447	2283624.175									
1000	6448	2283624.175									
1000	6449	2283624.175									
1000	6450	2283801.805	1540-09-16 07:18:47	0.730550039	1.311149961	0.690875541º	1.223837015º	227.1187253	61.20310022	1.000312037	Umbral
1000	6451	2283801.805									
1000	6452	2283801.805									
1000	6453	2283801.805									
1000	6454	2283801.805									
1000	6455	2283801.805									
1000	6456	2283978.674	1541-03-12 04:10:47	0.749686345	1.292013655	0.760548912º	1.294466792º	227.7490144	57.01526312	0.998520182	Total
1000	6457	2283978.674									
1000	6458	2283978.674									
1000	6459	2283978.674									
1000	6460	2283978.674									
1000	6461	2283978.674									

1000	6462	2284155.913	1541-09-05 09:54:52	0.720556864	1.321143136	0.656912432º	1.18817348º	227.281917	63.51804403	1.003513772	Total
1000	6463	2284155.913									
1000	6464	2284155.913									
1000	6465	2284155.913									
1000	6466	2284155.913									
1000	6467	2284155.913									
1000	6468	2284333.34	1542-03-01 20:09:50	0.753862596	1.287837404	0.779290552º	1.31483342º	227.2786451	55.94851326	0.995490388	Umbral
1000	6469	2284333.34									
1000	6470	2284333.34									
1000	6471	2284333.34									
1000	6472	2284333.34									
1000	6473	2284333.34									
1000	6474	2284480.33	1542-07-26 19:55:37	0.731786356	1.309913644	0.68589205º	1.212030486º	230.1818798	61.74384712	1.013284227	Grazing
1000	6475	2284480.33									
1000	6476	2284480.33									
1000	6477	2284480.33									
1000	6478	2284509.92	1542-08-25 10:05:06	0.723774708	1.317925292	0.664898716º	1.194537341º	228.148402	63.02610108	1.006587799	Total Penumbral
1000	6479	2284658.477	1543-01-20 23:27:22	0.736478485	1.305221515	0.720832665º	1.261477696º	224.2965422	59.11319431	0.986095769	Penumbral
1000	6480	2284658.477									
1000	6481	2284658.477									
1000	6482	2284658.477									
1000	6483	2284658.477									
1000	6484	2284687.98	1543-02-19 11:31:09	0.745790644	1.295909356	0.750131488º	1.287226532º	226.2107232	57.5113665	0.992613475	Grazing
1000	6485	2284834.705	1543-07-16 04:55:38	0.747354618	1.294345382	0.738994467º	1.264255742º	231.4838366	58.48971155	1.014976362	Umbral
1000	6486	2284834.705									
1000	6487	2284834.705									
1000	6488	2284834.705									
1000	6489	2284834.705									
1000	6490	2284864.131	1543-08-14 15:09:16	0.738084491	1.303615509	0.709932606º	1.23809744º	229.6401471	60.15245141	1.009396581	Grazing
1000	6491	2285012.734	1544-01-10 05:37:30	0.720503986	1.321196014	0.669109158º	1.210631972º	223.0494067	62.34719855	0.984497356	Total
1000	6492	2285012.734									
1000	6493	2285012.734									
1000	6494	2285012.734									
1000	6495	2285012.734									
1000	6496	2285189.338	1544-07-04 20:06:35	0.75792894	1.28377106	0.779277484º	1.303936214º	232.2985637	56.23949849	1.016142013	Total
1000	6497	2285189.338									
1000	6498	2285189.338									
1000	6499	2285189.338									
1000	6500	2285189.338									
1000	6501	2285189.338									
1000	6502	2285366.729	1544-12-29 05:29:08	0.713686197	1.328013803	0.648816165º	1.190923446º	222.4864308	63.70653774	0.983435931	Total
1000	6503	2285366.729									
1000	6504	2285366.729									
1000	6505	2285366.729									

1000	6506	2285366.729									
1000	6507	2285544.056	1545-06-24 13:20:58	0.757283437	1.284416563	0.776187733º	1.300521496º	232.4078811	56.41595423	1.016771788	Umbral
1000	6508	2285544.056									
1000	6509	2285544.056									
1000	6510	2285544.056									
1000	6511	2285544.056									
1000	6512	2285544.056									
1000	6513	2285691.069	1545-11-18 13:38:47	0.730232731	1.311467269	0.700160203º	1.241351089º	223.7208303	60.35860681	0.985101175	Grazing
1000	6514	2285691.069									
1000	6515	2285691.069									
1000	6516	2285691.069									
1000	6517	2285691.069									
1000	6518	2285720.739	1545-12-18 05:44:45	0.721555107	1.320144893	0.673163527º	1.21549677º	222.8320527	62.05226135	0.983026183	Umbral
1000	6519	2285869.237	1546-05-15 17:40:41	0.737474855	1.304225145	0.7042169º	1.229815633º	230.7665781	60.58811564	1.014324702	Penumbral
1000	6520	2285869.237									
1000	6521	2285869.237									
1000	6522	2285869.237									
1000	6523	2285869.237									
1000	6524	2285898.665	1546-06-14 03:57:33	0.74592696	1.29577304	0.732329752º	1.256615116º	231.8418917	58.91110566	1.016865651	Penumbral
1000	6525	2286045.515	1546-11-08 00:22:16	0.745734087	1.295965913	0.753913361º	1.294108771º	224.9829275	57.21200727	0.986916527	Penumbral
1000	6526	2286045.515									
1000	6527	2286045.515									
1000	6528	2286045.515									
1000	6529	2286045.515									
1000	6530	2286075.027	1546-12-07 12:38:19	0.737481491	1.304218509	0.726117508º	1.268295982º	223.7851596	58.75402286	0.983306796	Penumbral
1000	6531	2286223.42	1547-05-04 22:04:14	0.724479997	1.317220003	0.663084463º	1.189703529º	229.5519347	63.25187693	1.012359431	Umbral
1000	6532	2286223.42									
1000	6533	2286223.42									
1000	6534	2286223.42									
1000	6535	2286400.155	1547-10-28 15:43:25	0.752387646	1.289312354	0.778147937º	1.317124559º	225.8041095	55.91861499	0.989148242	Umbral
1000	6536	2286400.155									
1000	6537	2286400.155									
1000	6538	2286400.155									
1000	6539	2286400.155									
1000	6540	2286400.155									
1000	6541	2286577.434	1548-04-22 22:24:48	0.723274765	1.318425235	0.660915782º	1.188808114º	228.9332586	63.35731798	1.00991764	Total
1000	6542	2286577.434									
1000	6543	2286577.434									
1000	6544	2286577.434									
1000	6545	2286577.434									
1000	6546	2286577.434									
1000	6547	2286754.797	1548-10-17 07:08:11	0.746653447	1.295046553	0.75398027º	1.29157142º	226.0700896	57.28059575	0.991697459	Total
1000	6548	2286754.797									
1000	6549	2286754.797									

1000	6550	2286754.797									
1000	6551	2286754.797									
1000	6552	2286754.797									
1000	6553	2286931.588	1549-04-12 02:06:09	0.734413254	1.307286746	0.698940649º	1.228268113º	228.9202939	60.80423555	1.007179514	Umbral
1000	6554	2286931.588									
1000	6555	2286931.588									
1000	6556	2286931.588									
1000	6557	2286931.588									
1000	6558	2286931.588									
1000	6559	2287079.662	1549-09-07 03:53:48	0.727258395	1.314441605	0.678210457º	1.209703367º	227.5697497	62.07359721	1.003075992	Grazing
1000	6560	2287079.662									
1000	6561	2287079.662									
1000	6562	2287079.662									
1000	6563	2287109.252	1549-10-06 18:02:36	0.732535593	1.309164407	0.701491843º	1.237530683º	225.9318886	60.43479944	0.994569307	Umbral
1000	6564	2287256.647	1550-03-03 03:31:36	0.751634862	1.290065138	0.770229724º	1.30558879º	227.2311618	56.4429577	0.995832165	Penumbral
1000	6565	2287256.647									
1000	6566	2287256.647									
1000	6567	2287256.647									
1000	6568	2287256.647									
1000	6569	2287286.038	1550-04-01 12:54:17	0.748515297	1.293184703	0.751687393º	1.282544063º	229.0073699	57.59834861	1.004278194	Penumbral
1000	6570	2287433.716	1550-08-27 05:11:12	0.720518966	1.321181034	0.655042002º	1.184908148º	227.8855693	63.69535075	1.006155576	Penumbral
1000	6571	2287433.716									
1000	6572	2287433.716									
1000	6573	2287433.716									
1000	6574	2287433.716									
1000	6575	2287463.41	1550-09-25 21:49:53	0.720324097	1.321375903	0.659994369º	1.194351109º	225.9591585	63.2010306	0.997700109	Grazing
1000	6576	2287611.322	1551-02-20 19:43:13	0.752337977	1.289362023	0.775086462º	1.311999381º	226.6445309	56.13794436	0.992950176	Total
1000	6577	2287611.322									
1000	6578	2287611.322									
1000	6579	2287611.322									
1000	6580	2287611.322									
1000	6581	2287787.757	1551-08-16 06:09:42	0.727576957	1.314123043	0.67529395º	1.203658998º	228.9218561	62.36942178	1.009014088	Umbral
1000	6582	2287787.757									
1000	6583	2287787.757									
1000	6584	2287787.757									
1000	6585	2287787.757									
1000	6586	2287787.757									
1000	6587	2287965.916	1552-02-10 09:58:46	0.741206564	1.300493436	0.734859578º	1.273254449º	225.449533	58.35121097	0.990217044	Total
1000	6588	2287965.916									
1000	6589	2287965.916									
1000	6590	2287965.916									
1000	6591	2287965.916									
1000	6592	2288142.057	1552-08-04 13:22:01	0.74310844	1.29859156	0.726094158º	1.253153718º	230.4275208	59.20116177	1.011513344	Total
1000	6593	2288142.057									

1000	6594	2288142.057									
1000	6595	2288142.057									
1000	6596	2288142.057									
1000	6597	2288142.057									
1000	6598	2288320.253	1553-01-29 18:03:59	0.7246999	1.3170001	0.680390994º	1.220115091º	223.9660072	61.66374069	0.987778351	Penumbral
1000	6599	2288320.253									
1000	6600	2288320.253									
1000	6601	2288320.253									
1000	6602	2288320.253									
1000	6603	2288320.253									
1000	6604	2288467.353	1553-06-25 20:28:58	0.759070715	1.282629285	0.783569918º	1.30794046º	232.4709955	56.0158466	1.016700473	Penumbral
1000	6605	2288467.353									
1000	6606	2288467.353									
1000	6607	2288467.353									
1000	6608	2288467.353									
1000	6609	2288496.642	1553-07-25 03:24:08	0.755843936	1.285856064	0.772882363º	1.29887877º	231.5925493	56.55140849	1.013557832	Penumbral
1000	6610	2288644.492	1553-12-19 23:48:47	0.714469578	1.327230422	0.651380972º	1.193675052º	222.4524002	63.52255172	0.983097175	Penumbral
1000	6611	2288644.492									
1000	6612	2288644.492									
1000	6613	2288644.492									
1000	6614	2288644.492									
1000	6615	2288674.296	1554-01-18 19:06:22	0.714589286	1.327110714	0.650157894º	1.190992989º	223.0174251	63.65717552	0.985749227	Grazing
1000	6616	2288822.061	1554-06-15 13:28:30	0.754987198	1.286712802	0.766812425º	1.29109499º	232.3384529	56.93252627	1.016871079	Umbral
1000	6617	2288822.061									
1000	6618	2288822.061									
1000	6619	2288822.061									
1000	6620	2288998.565	1554-12-09 01:34:05	0.725898649	1.315801351	0.687017197º	1.229225404º	223.0958623	61.15681226	0.983252874	Umbral
1000	6621	2288998.565									
1000	6622	2288998.565									
1000	6623	2288998.565									
1000	6624	2288998.565									
1000	6625	2288998.565									
1000	6626	2289176.608	1555-06-05 02:35:06	0.741522988	1.300177012	0.716692057º	1.241191706º	231.5168123	59.84796936	1.016450209	Total
1000	6627	2289176.608									
1000	6628	2289176.608									
1000	6629	2289176.608									
1000	6630	2289176.608									
1000	6631	2289176.608									
1000	6632	2289352.941	1555-11-28 10:34:29	0.741953013	1.299746987	0.74179374º	1.2835746º	224.1739929	57.85383602	0.984028446	Total
1000	6633	2289352.941									
1000	6634	2289352.941									
1000	6635	2289352.941									
1000	6636	2289352.941									
1000	6637	2289352.941									

1000	6638	2289530.858	1556-05-24 08:36:02	0.72742316	1.31427684	0.670138436º	1.195140796º	230.4706101	62.82674004	1.015476916	Umbral
1000	6639	2289530.858									
1000	6640	2289530.858									
1000	6641	2289530.858									
1000	6642	2289530.858									
1000	6643	2289678.131	1556-10-18 15:08:07	0.752343153	1.289356847	0.776352266º	1.314133949º	226.2805469	56.04663892	0.991346107	Grazing
1000	6644	2289678.131									
1000	6645	2289678.131									
1000	6646	2289678.131									
1000	6647	2289678.131									
1000	6648	2289707.546	1556-11-17 01:06:47	0.751157086	1.290542914	0.775983338º	1.31705587º	224.9299249	55.97892759	0.985316654	Umbral
1000	6649	2289855.259	1557-04-13 18:13:22	0.724983374	1.316716626	0.667884329º	1.196970917º	228.4827337	62.8423191	1.007638049	Penumbral
1000	6650	2289855.259									
1000	6651	2289855.259									
1000	6652	2289855.259									
1000	6653	2289855.259									
1000	6654	2289884.891	1557-05-13 09:22:28	0.723368454	1.318331546	0.658410631º	1.184195407º	229.8954421	63.60201853	1.013965795	Penumbral
1000	6655	2290032.742	1557-10-08 05:48:45	0.743543511	1.298156489	0.74051541º	1.276769077º	226.464783	58.08476391	0.994170875	Penumbral
1000	6656	2290032.742									
1000	6657	2290032.742									
1000	6658	2290032.742									
1000	6659	2290032.742									
1000	6660	2290062.198	1557-11-06 16:45:19	0.74806425	1.29363575	0.76268072º	1.30276299º	225.1435474	56.7283024	0.987123273	Penumbral
1000	6661	2290209.489	1558-04-02 23:44:18	0.73815707	1.30354293	0.713712975º	1.244355718º	228.5257574	59.84402152	1.004683066	Umbral
1000	6662	2290209.489									
1000	6663	2290209.489									
1000	6664	2290209.489									
1000	6665	2290209.489									
1000	6666	2290387.12	1558-09-27 14:53:28	0.728821458	1.312878542	0.687280602º	1.221888542º	226.3298303	61.38173042	0.997231312	Umbral
1000	6667	2290387.12									
1000	6668	2290387.12									
1000	6669	2290387.12									
1000	6670	2290387.12									
1000	6671	2290564.009	1559-03-23 12:12:48	0.751053475	1.290646525	0.763523752º	1.295790093º	228.5188528	56.89557501	1.001618432	Total
1000	6672	2290564.009									
1000	6673	2290564.009									
1000	6674	2290564.009									
1000	6675	2290564.009									
1000	6676	2290564.009									
1000	6677	2290741.209	1559-09-16 17:01:16	0.71935782	1.32234218	0.655272703º	1.188151967º	226.5172109	63.57594165	1.000466361	Total
1000	6678	2290741.209									
1000	6679	2290741.209									
1000	6680	2290741.209									
1000	6681	2290741.209									

1000	6682	2290741.209									
1000	6683	2290918.685	1560-03-12 04:26:25	0.754519281	1.287180719	0.779569585º	1.313499156º	228.00018	55.97638829	0.998498316	Umbral
1000	6684	2290918.685									
1000	6685	2290918.685									
1000	6686	2290918.685									
1000	6687	2290918.685									
1000	6688	2290918.685									
1000	6689	2291065.619	1560-08-06 02:51:10	0.732016217	1.309683783	0.688194613º	1.215398908º	229.6923567	61.55977267	1.01123565	Grazing
1000	6690	2291065.619									
1000	6691	2291065.619									
1000	6692	2291065.619									
1000	6693	2291065.619									
1000	6694	2291095.214	1560-09-04 17:08:29	0.723445314	1.318254686	0.665896156º	1.197043078º	227.4486882	62.9077509	1.003729394	Umbral
1000	6695	2291243.828	1561-01-31 07:51:42	0.736172171	1.305527829	0.718409162º	1.257967159º	224.7094303	59.2908097	0.988082432	Penumbral
1000	6696	2291243.828									
1000	6697	2291243.828									
1000	6698	2291243.828									
1000	6699	2291273.324	1561-03-01 19:46:36	0.745837255	1.295862745	0.748164603º	1.283720186º	226.8616329	57.66624261	0.995466753	Grazing
1000	6700	2291420.009	1561-07-26 12:13:28	0.747775719	1.293924281	0.741854947º	1.267951786º	231.1128518	58.29868667	1.013364344	Penumbral
1000	6701	2291420.009									
1000	6702	2291420.009									
1000	6703	2291420.009									
1000	6704	2291420.009									
1000	6705	2291449.438	1561-08-24 22:30:23	0.738257054	1.303442946	0.712530423º	1.242078562º	229.0175776	59.94989308	1.006759798	Grazing
1000	6706	2291598.072	1562-01-20 13:43:39	0.720285123	1.321414877	0.667504851º	1.208189494º	223.3561427	62.48180014	0.986023524	Total
1000	6707	2291598.072									
1000	6708	2291598.072									
1000	6709	2291598.072									
1000	6710	2291598.072									
1000	6711	2291774.65	1562-07-16 03:36:14	0.757935824	1.283764176	0.780259301º	1.305524283º	232.0188679	56.17020323	1.0149692	Total
1000	6712	2291774.65									
1000	6713	2291774.65									
1000	6714	2291774.65									
1000	6715	2291774.65									
1000	6716	2291774.65									
1000	6717	2291952.061	1563-01-09 13:28:30	0.714033508	1.327666492	0.649281581º	1.1908406º	222.7095862	63.69308454	0.984431538	Total
1000	6718	2291952.061									
1000	6719	2291952.061									
1000	6720	2291952.061									
1000	6721	2291952.061									
1000	6722	2291952.061									
1000	6723	2292129.366	1563-07-05 20:46:30	0.756673205	1.285026795	0.774248766º	1.298945654º	232.2194151	56.51190135	1.016068115	Total
1000	6724	2292129.366									
1000	6725	2292129.366									

1000	6726	2292129.366									
1000	6727	2292129.366									
1000	6728	2292276.419	1563-11-29 22:02:49	0.730747571	1.310952429	0.702677904º	1.24451096º	223.4939661	60.1823646	0.983933651	Grazing
1000	6729	2292276.419									
1000	6730	2292276.419									
1000	6731	2292276.419									
1000	6732	2292276.419									
1000	6733	2292306.083	1563-12-29 13:59:54	0.722379517	1.319320483	0.675530861º	1.217623208º	222.9615303	61.90452271	0.983463022	Umbral
1000	6734	2292454.526	1564-05-26 00:37:37	0.736931658	1.304768342	0.701305679º	1.226230064º	231.0675749	60.79262523	1.015627761	Penumbral
1000	6735	2292454.526									
1000	6736	2292454.526									
1000	6737	2292454.526									
1000	6738	2292454.526									
1000	6739	2292483.961	1564-06-24 11:03:19	0.744966357	1.296733643	0.728889162º	1.253258762º	231.7627858	59.11360906	1.016702298	Penumbral
1000	6740	2292630.876	1564-11-18 09:01:37	0.745897068	1.295802932	0.755770625º	1.29691635º	224.6152669	57.08193187	0.985183386	Penumbral
1000	6741	2292630.876									
1000	6742	2292630.876									
1000	6743	2292630.876									
1000	6744	2292630.876									
1000	6745	2292660.386	1564-12-17 21:16:22	0.738212564	1.303487436	0.72886351º	1.271159824º	223.779123	58.5888631	0.983093126	Penumbral
1000	6746	2292808.695	1565-05-15 04:41:04	0.72462462	1.31707538	0.662208493º	1.187860384º	230.0098579	63.34477196	1.014222125	Umbral
1000	6747	2292808.695									
1000	6748	2292808.695									
1000	6749	2292808.695									
1000	6750	2292808.695									
1000	6751	2292985.516	1565-11-08 00:23:39	0.751834017	1.289865983	0.77754486º	1.31774384º	225.2998431	55.91848001	0.986910005	Umbral
1000	6752	2292985.516									
1000	6753	2292985.516									
1000	6754	2292985.516									
1000	6755	2292985.516									
1000	6756	2293162.713	1566-05-04 05:07:11	0.724408553	1.317291447	0.662876725º	1.18954953º	229.5374248	63.26427647	1.012256134	Total
1000	6757	2293162.713									
1000	6758	2293162.713									
1000	6759	2293162.713									
1000	6760	2293162.713									
1000	6761	2293162.713									
1000	6762	2293340.148	1566-10-28 15:33:31	0.745362343	1.296337657	0.750916499º	1.289931824º	225.4449937	57.41327668	0.989077217	Total
1000	6763	2293340.148									
1000	6764	2293340.148									
1000	6765	2293340.148									
1000	6766	2293340.148									
1000	6767	2293340.148									
1000	6768	2293516.888	1567-04-23 09:18:51	0.736089555	1.305610445	0.702754511º	1.230678216º	229.6292248	60.60762372	1.009857623	Umbral
1000	6769	2293516.888									

1000	6770	2293516.888									
1000	6771	2293516.888									
1000	6772	2293516.888									
1000	6773	2293516.888									
1000	6774	2293664.968	1567-09-18 11:13:50	0.725607912	1.316092088	0.674979263º	1.208133611º	226.7810278	62.23274983	0.999950163	Grazing
1000	6775	2293664.968									
1000	6776	2293664.968									
1000	6777	2293664.968									
1000	6778	2293664.968									
1000	6779	2293694.583	1567-10-18 01:59:02	0.730878609	1.310821391	0.697822261º	1.23542098º	225.2155608	60.61635415	0.991683498	Umbral
1000	6780	2293841.989	1568-03-13 11:44:04	0.75279836	1.28890164	0.772515697º	1.306229686º	227.9767257	56.36289915	0.998901637	Penumbral
1000	6781	2293841.989									
1000	6782	2293841.989									
1000	6783	2293841.989									
1000	6784	2293871.36	1568-04-11 20:38:17	0.749986865	1.291713135	0.755101106º	1.284438384º	229.7526642	57.44771177	1.00716084	Penumbral
1000	6785	2294019.006	1568-09-06 12:08:37	0.719585565	1.322114435	0.654180708º	1.18559025º	227.1509711	63.7020595	1.003233353	Penumbral
1000	6786	2294019.006									
1000	6787	2294019.006									
1000	6788	2294019.006									
1000	6789	2294019.006									
1000	6790	2294048.719	1568-10-06 05:15:52	0.71898503	1.32271497	0.657835218º	1.193807588º	225.2134135	63.29402065	0.994692651	Grazing
1000	6791	2294196.671	1569-03-03 04:05:46	0.752770822	1.288929178	0.774572008º	1.309920783º	227.322897	56.20754978	0.995851308	Total
1000	6792	2294196.671									
1000	6793	2294196.671									
1000	6794	2294196.671									
1000	6795	2294196.671									
1000	6796	2294373.05	1569-08-26 13:12:20	0.727496394	1.314203606	0.676975764º	1.206743826º	228.2750888	62.21163206	1.006341861	Umbral
1000	6797	2294373.05									
1000	6798	2294373.05									
1000	6799	2294373.05									
1000	6800	2294373.05									
1000	6801	2294373.05									
1000	6802	2294551.261	1570-02-20 18:15:47	0.741112245	1.300587755	0.732618439º	1.269551781º	226.0366602	58.52445553	0.992912408	Total
1000	6803	2294551.261									
1000	6804	2294551.261									
1000	6805	2294551.261									
1000	6806	2294551.261									
1000	6807	2294551.261									
1000	6808	2294727.364	1570-08-15 20:44:40	0.74335549	1.29834451	0.728824015º	1.257132221º	229.8695542	59.00105906	1.009122651	Total
1000	6809	2294727.364									
1000	6810	2294727.364									
1000	6811	2294727.364									
1000	6812	2294727.364									
1000	6813	2294905.587	1571-02-10 02:04:34	0.724602376	1.317097624	0.678572477º	1.217008833º	224.4685429	61.82396392	0.990140751	Penumbral

1000	6814	2294905.587									
1000	6815	2294905.587									
1000	6816	2294905.587									
1000	6817	2294905.587									
1000	6818	2294905.587									
1000	6819	2295052.665	1571-07-07 03:57:51	0.758984074	1.282715926	0.78379694º	1.308533226º	232.296529	55.99394076	1.015991826	Penumbral
1000	6820	2295052.665									
1000	6821	2295052.665									
1000	6822	2295052.665									
1000	6823	2295052.665									
1000	6824	2295081.958	1571-08-05 10:59:22	0.755775748	1.285924252	0.774261136º	1.301317885º	231.1020467	56.44741944	1.011518738	Umbral
1000	6825	2295229.828	1571-12-31 07:51:46	0.714893443	1.326806557	0.652377029º	1.194409346º	222.5734991	63.46279675	0.983571939	Penumbral
1000	6826	2295229.828									
1000	6827	2295229.828									
1000	6828	2295229.828									
1000	6829	2295229.828									
1000	6830	2295259.623	1572-01-30 02:57:34	0.715031378	1.326668622	0.650307935º	1.190086548º	223.4542792	63.68307217	0.987678586	Grazing
1000	6831	2295407.368	1572-06-25 20:49:39	0.754315203	1.287384797	0.764299543º	1.28868074º	232.2605456	57.06949406	1.016679813	Umbral
1000	6832	2295407.368									
1000	6833	2295407.368									
1000	6834	2295407.368									
1000	6835	2295407.368									
1000	6836	2295436.669	1572-07-25 04:03:10	0.757380295	1.284319705	0.77934867º	1.305353717º	231.6087344	56.19958158	1.013541183	Grazing
1000	6837	2295583.914	1572-12-19 09:56:07	0.726666777	1.315033223	0.689589058º	1.231879509º	223.1127645	60.99008858	0.983103753	Umbral
1000	6838	2295583.914									
1000	6839	2295583.914									
1000	6840	2295583.914									
1000	6841	2295761.898	1573-06-15 09:33:44	0.740668688	1.301031312	0.713390916º	1.237684801º	231.5612061	60.05723802	1.016849125	Total
1000	6842	2295761.898									
1000	6843	2295761.898									
1000	6844	2295761.898									
1000	6845	2295761.898									
1000	6846	2295761.898									
1000	6847	2295938.303	1573-12-08 19:16:34	0.742463135	1.299236865	0.744171496º	1.286373264º	224.0443562	57.70611469	0.983264551	Total
1000	6848	2295938.303									
1000	6849	2295938.303									
1000	6850	2295938.303									
1000	6851	2295938.303									
1000	6852	2295938.303									
1000	6853	2296116.131	1574-06-04 15:09:21	0.727110448	1.314589552	0.668449966º	1.192966268º	230.6849939	62.9572995	1.016417938	Umbral
1000	6854	2296116.131									
1000	6855	2296116.131									
1000	6856	2296116.131									
1000	6857	2296116.131									

1000	6858	2296116.131									
1000	6859	2296263.487	1574-10-29 23:41:47	0.751509205	1.290190795	0.77489583º	1.314051923º	225.6890306	56.08834643	0.988818981	Grazing
1000	6860	2296263.487									
1000	6861	2296263.487									
1000	6862	2296263.487									
1000	6863	2296263.487									
1000	6864	2296292.914	1574-11-28 09:55:36	0.750979301	1.290720699	0.776229168º	1.318010089º	224.6409208	55.94695104	0.984028335	Umbral
1000	6865	2296440.546	1575-04-25 01:06:37	0.726396266	1.315303734	0.670564048º	1.198300994º	229.1669799	62.70673366	1.010214998	Penumbral
1000	6866	2296440.546									
1000	6867	2296440.546									
1000	6868	2296440.546									
1000	6869	2296470.161	1575-05-24 15:52:15	0.724075843	1.317624157	0.65956275º	1.184604403º	230.2883203	63.54780811	1.015400922	Penumbral
1000	6870	2296618.085	1575-10-19 14:02:33	0.742042021	1.299657979	0.736993322º	1.274769356º	225.7677743	58.2449691	0.99135652	Penumbral
1000	6871	2296618.085									
1000	6872	2296618.085									
1000	6873	2296618.085									
1000	6874	2296618.085									
1000	6875	2296647.559	1575-11-18 01:25:02	0.747108778	1.294591222	0.760295247º	1.301350724º	224.7081273	56.83328617	0.985347714	Penumbral
1000	6876	2296794.799	1576-04-13 07:10:51	0.739876397	1.301823603	0.717664064º	1.246818321º	229.2816186	59.64776304	1.007509193	Umbral
1000	6877	2296794.799									
1000	6878	2296794.799									
1000	6879	2296794.799									
1000	6880	2296794.799									
1000	6881	2296972.441	1576-10-07 22:35:22	0.727145339	1.314554661	0.68382286º	1.220032872º	225.5707517	61.55393778	0.994251815	Umbral
1000	6882	2296972.441									
1000	6883	2296972.441									
1000	6884	2296972.441									
1000	6885	2296972.441									
1000	6886	2296972.441									
1000	6887	2297149.339	1577-04-02 20:07:45	0.75238003	1.28931997	0.766386226º	1.297059957º	229.2801748	56.78097559	1.004624398	Total
1000	6888	2297149.339									
1000	6889	2297149.339									
1000	6890	2297149.339									
1000	6891	2297149.339									
1000	6892	2297326.511	1577-09-27 00:16:11	0.718206486	1.323493514	0.65377449º	1.188306106º	225.7586616	63.62297107	0.997373703	Total
1000	6893	2297326.511									
1000	6894	2297326.511									
1000	6895	2297326.511									
1000	6896	2297326.511									
1000	6897	2297326.511									
1000	6898	2297504.024	1578-03-23 12:35:01	0.755148838	1.286551162	0.779712053º	1.311962954º	228.7373968	56.01335859	1.001647489	Umbral
1000	6899	2297504.024									
1000	6900	2297504.024									
1000	6901	2297504.024									

1000	6902	2297504.024									
1000	6903	2297504.024									
1000	6904	2297650.913	1578-08-17 09:54:37	0.732156743	1.309543257	0.690441032º	1.218946899º	229.1150447	61.37288482	1.008745239	Grazing
1000	6905	2297650.913									
1000	6906	2297650.913									
1000	6907	2297650.913									
1000	6908	2297650.913									
1000	6909	2297680.515	1578-09-16 00:21:35	0.723117582	1.318582418	0.666927186º	1.199720914º	226.728703	62.78295065	1.000626978	Umbral
1000	6910	2297829.173	1579-02-11 16:08:40	0.73596313	1.30573687	0.71606139º	1.254279394º	225.2197167	59.4724968	0.990542446	Penumbral
1000	6911	2297829.173									
1000	6912	2297829.173									
1000	6913	2297829.173									
1000	6914	2297829.173									
1000	6915	2297858.662	1579-03-13 03:53:08	0.745895043	1.295804957	0.746141915º	1.280032045º	227.5526995	57.82871843	0.99857208	Grazing
1000	6916	2298005.318	1579-08-06 19:37:27	0.748054326	1.293645674	0.744511746º	1.271710679º	230.6314956	58.11304414	1.011245934	Penumbral
1000	6917	2298005.318									
1000	6918	2298005.318									
1000	6919	2298005.318									
1000	6920	2298034.75	1579-09-05 06:00:37	0.738363166	1.303336834	0.71502277º	1.246130931º	228.3455616	59.74978886	1.003802647	Penumbral
1000	6921	2298183.405	1580-01-31 21:43:27	0.720229882	1.321470118	0.666104692º	1.205685874º	223.7778483	62.61210686	0.988039975	Total
1000	6922	2298183.405									
1000	6923	2298183.405									
1000	6924	2298183.405									
1000	6925	2298183.405									
1000	6926	2298359.965	1580-07-26 11:09:38	0.757772567	1.283927433	0.780955221º	1.307068945º	231.613949	56.11000535	1.013331822	Total
1000	6927	2298359.965									
1000	6928	2298359.965									
1000	6929	2298359.965									
1000	6930	2298359.965									
1000	6931	2298359.965									
1000	6932	2298537.392	1581-01-19 21:24:07	0.714580936	1.327119064	0.650002211º	1.19075573º	223.0585484	63.67077385	0.985897935	Total
1000	6933	2298537.392									
1000	6934	2298537.392									
1000	6935	2298537.392									
1000	6936	2298537.392									
1000	6937	2298537.392									
1000	6938	2298714.676	1581-07-16 04:13:20	0.755886917	1.285813083	0.772075589º	1.297336231º	231.8961796	56.61556727	1.014977585	Total
1000	6939	2298714.676									
1000	6940	2298714.676									
1000	6941	2298714.676									
1000	6942	2298714.676									
1000	6943	2298714.676									
1000	6944	2298891.426	1582-01-08 22:13:59	0.723385673	1.318314327	0.678097686º	1.21971197º	223.2215504	61.75213638	0.98433109	Umbral
1000	6945	2298891.426									

1000	6946	2298891.426									
1000	6947	2298891.426									
1000	6948	2298891.426									
1000	6949	2299039.812	1582-06-06 07:29:38	0.736248845	1.305451155	0.698340171º	1.222794639º	231.2387717	60.99552882	1.016537775	Penumbral
1000	6950	2299039.812									
1000	6951	2299039.812									
1000	6952	2299039.812									
1000	6953	2299039.812									
1000	6954	2299069.256	1582-07-05 18:08:08	0.743843247	1.297856753	0.725334779º	1.250008984º	231.5438352	59.31778739	1.016112043	Penumbral
1000	6955	2299216.24	1582-12-09 17:45:28	0.746158958	1.295541042	0.757630138º	1.299467452º	224.36437	56.9594359	0.98392592	Penumbral
1000	6956	2299216.24									
1000	6957	2299216.24									
1000	6958	2299216.24									
1000	6959	2299216.24									
1000	6960	2299245.747	1583-01-08 05:54:58	0.739080795	1.302619205	0.731717383º	1.273828467º	223.9036927	58.42709867	0.983429029	Penumbral
1000	6961	2299393.967	1583-06-05 11:12:22	0.724674091	1.317025909	0.66135423º	1.186291345º	230.3529112	63.42783742	1.015603131	Umbral
1000	6962	2299393.967									
1000	6963	2299393.967									
1000	6964	2299393.967									
1000	6965	2299570.881	1583-11-29 09:08:57	0.75135484	1.29034516	0.776918369º	1.318060299º	224.8999601	55.92700423	0.985190295	Umbral
1000	6966	2299570.881									
1000	6967	2299570.881									
1000	6968	2299570.881									
1000	6969	2299570.881									
1000	6970	2299570.881									
1000	6971	2299747.989	1584-05-24 11:44:41	0.725469011	1.316230989	0.664866348º	1.190593941º	230.0451749	63.16027273	1.014076083	Total
1000	6972	2299747.989									
1000	6973	2299747.989									
1000	6974	2299747.989									
1000	6975	2299747.989									
1000	6976	2299747.989									
1000	6977	2299925.503	1584-11-18 00:04:29	0.74414679	1.29755321	0.747919683º	1.288106143º	224.9079374	57.54988334	0.986932877	Total
1000	6978	2299925.503									
1000	6979	2299925.503									
1000	6980	2299925.503									
1000	6981	2299925.503									
1000	6982	2299925.503									
1000	6983	2300102.185	1585-05-13 16:26:40	0.737687356	1.304012644	0.706539986º	1.233292065º	230.2624997	60.40687132	1.012103793	Umbral
1000	6984	2300102.185									
1000	6985	2300102.185									
1000	6986	2300102.185									
1000	6987	2300102.185									
1000	6988	2300102.185									
1000	6989	2300250.279	1585-10-08 18:41:17	0.723994403	1.317705597	0.671906182º	1.206685639º	226.0011672	62.38339021	0.996911476	Grazing

1000	6990	2300250.279									
1000	6991	2300250.279									
1000	6992	2300250.279									
1000	6993	2300279.918	1585-11-07 10:01:52	0.729314715	1.312385285	0.694323506º	1.233304045º	224.5699482	60.79377911	0.989141052	Umbral
1000	6994	2300427.326	1586-04-03 19:49:06	0.753939155	1.287760845	0.774686248º	1.306748326º	228.7353343	56.28950703	1.00200296	Penumbral
1000	6995	2300427.326									
1000	6996	2300427.326									
1000	6997	2300427.326									
1000	6998	2300427.326									
1000	6999	2300456.678	1586-05-03 04:16:22	0.751373399	1.290326601	0.758393659º	1.28634407º	230.4436517	57.30097851	1.009806541	Penumbral
1000	7000	2300604.302	1586-09-27 19:14:47	0.718673238	1.323026762	0.653427455º	1.186473687º	226.4001377	63.69805918	1.000152981	Penumbral
1000	7001	2300604.302									
1000	7002	2300604.302									
1000	7003	2300604.302									
1000	7004	2300604.302									
1000	7005	2300634.035	1586-10-27 12:49:49	0.717746267	1.323953733	0.65586237º	1.193377948º	224.518849	63.376946	0.991836887	Grazing
1000	7006	2300782.014	1587-03-24 12:20:10	0.753200294	1.288499706	0.77393723º	1.30762685º	228.037988	56.28639972	0.998947249	Total
1000	7007	2300782.014									
1000	7008	2300782.014									
1000	7009	2300782.014									
1000	7010	2300782.014									
1000	7011	2300958.35	1587-09-16 20:24:22	0.727381871	1.314318129	0.678650581º	1.209988995º	227.5849261	62.04963824	1.003367653	Umbral
1000	7012	2300958.35									
1000	7013	2300958.35									
1000	7014	2300958.35									
1000	7015	2300958.35									
1000	7016	2300958.35									
1000	7017	2301136.6	1588-03-13 02:24:00	0.74106139	1.30063861	0.730358185º	1.265698047º	226.6846212	58.70371294	0.995867889	Total
1000	7018	2301136.6									
1000	7019	2301136.6									
1000	7020	2301136.6									
1000	7021	2301136.6									
1000	7022	2301312.677	1588-09-05 04:15:32	0.743504268	1.298195732	0.731407429º	1.261154515º	229.2399567	58.80539255	1.006381709	Total
1000	7023	2301312.677									
1000	7024	2301312.677									
1000	7025	2301312.677									
1000	7026	2301312.677									
1000	7027	2301312.677									
1000	7028	2301490.914	1589-03-02 09:56:30	0.724618405	1.317081595	0.676886796º	1.213855611º	225.0560726	61.98214586	0.992846816	Total Penumbral
1000	7029	2301490.914									
1000	7030	2301490.914									
1000	7031	2301490.914									
1000	7032	2301490.914									
1000	7033	2301490.914									

1000	7034	2301637.979	1589-07-27 11:29:03	0.758717839	1.282982161	0.783725566º	1.309083022º	231.9876743	55.98126439	1.014790543	Grazing
1000	7035	2301637.979									
1000	7036	2301637.979									
1000	7037	2301637.979									
1000	7038	2301637.979									
1000	7039	2301667.278	1589-08-25 18:40:38	0.755568795	1.286131205	0.775385363º	1.303699323º	230.5173629	56.35234116	1.009111661	Umbral
1000	7040	2301815.162	1590-01-20 15:52:51	0.715522184	1.326177816	0.653636658º	1.195122152º	222.8261522	63.39474082	0.984565208	Penumbral
1000	7041	2301815.162									
1000	7042	2301815.162									
1000	7043	2301815.162									
1000	7044	2301815.162									
1000	7045	2301844.946	1590-02-19 10:41:59	0.715642049	1.326057951	0.650695756º	1.189193866º	223.9943303	63.70018641	0.990027202	Grazing
1000	7046	2301992.674	1590-07-17 04:10:41	0.753465024	1.288234976	0.761552675º	1.286289411º	232.0421771	57.2130976	1.015990956	Umbral
1000	7047	2301992.674									
1000	7048	2301992.674									
1000	7049	2301992.674									
1000	7050	2302021.986	1590-08-15 11:39:15	0.756535537	1.285164463	0.777587423º	1.304660466º	231.0789602	56.26623826	1.011487468	Grazing
1000	7051	2302169.263	1591-01-09 18:18:42	0.727605358	1.314094642	0.692364204º	1.234418583º	223.262119	60.82138676	0.983531907	Umbral
1000	7052	2302169.263									
1000	7053	2302169.263									
1000	7054	2302169.263									
1000	7055	2302169.263									
1000	7056	2302347.188	1591-07-06 16:30:04	0.739658357	1.302041643	0.709977626º	1.234353545º	231.4648801	60.26608413	1.016690047	Total
1000	7057	2302347.188									
1000	7058	2302347.188									
1000	7059	2302347.188									
1000	7060	2302347.188									
1000	7061	2302347.188									
1000	7062	2302523.667	1591-12-30 04:00:29	0.743096933	1.298603067	0.746623385º	1.288921505º	224.0440504	57.56405859	0.983089851	Total
1000	7063	2302523.667									
1000	7064	2302523.667									
1000	7065	2302523.667									
1000	7066	2302523.667									
1000	7067	2302523.667									
1000	7068	2302701.402	1592-06-24 21:39:28	0.726676482	1.315023518	0.666767314º	1.191067682º	230.7636561	63.07889477	1.01683655	Umbral
1000	7069	2302701.402									
1000	7070	2302701.402									
1000	7071	2302701.402									
1000	7072	2302701.402									
1000	7073	2302701.402									
1000	7074	2302848.848	1592-11-19 08:21:18	0.750736626	1.290963374	0.773394613º	1.313726754º	225.1880822	56.1378281	0.986666787	Grazing
1000	7075	2302848.848									
1000	7076	2302848.848									
1000	7077	2302848.848									

1000	7078	2302878.283	1592-12-18 18:47:09	0.750899715	1.290800285	0.776448949º	1.318658134º	224.4763197	55.92382917	0.983251102	Umbral
1000	7079	2303025.829	1593-05-15 07:54:27	0.727750153	1.313949847	0.673305157º	1.199877336º	229.7730204	62.56148619	1.012449574	Penumbral
1000	7080	2303025.829									
1000	7081	2303025.829									
1000	7082	2303025.829									
1000	7083	2303025.829									
1000	7084	2303055.43	1593-06-13 22:19:16	0.724680561	1.317019439	0.660769077º	1.185298883º	230.5552493	63.48205002	1.016391769	Penumbral
1000	7085	2303203.432	1593-11-08 22:22:35	0.740607011	1.301092989	0.73353114º	1.272683898º	225.1426888	58.40677557	0.988825096	Penumbral
1000	7086	2303203.432									
1000	7087	2303203.432									
1000	7088	2303203.432									
1000	7089	2303203.432									
1000	7090	2303232.922	1593-12-08 10:08:23	0.74625288	1.29544712	0.75792674º	1.299718571º	224.3874712	56.94422748	0.984008519	Penumbral
1000	7091	2303380.105	1594-05-04 14:31:47	0.741529579	1.300170421	0.721610757º	1.249390873º	229.9814064	59.449628	1.010132367	Umbral
1000	7092	2303380.105									
1000	7093	2303380.105									
1000	7094	2303380.105									
1000	7095	2303380.105									
1000	7096	2303557.767	1594-10-29 06:24:17	0.725551574	1.316148426	0.680518927º	1.218254173º	224.8644418	61.71957024	0.991431715	Umbral
1000	7097	2303557.767									
1000	7098	2303557.767									
1000	7099	2303557.767									
1000	7100	2303557.767									
1000	7101	2303557.767									
1000	7102	2303734.664	1595-04-24 03:56:02	0.753637802	1.288062198	0.769109805º	1.298283047º	230.0081409	56.67196067	1.007473047	Total
1000	7103	2303734.664									
1000	7104	2303734.664									
1000	7105	2303734.664									
1000	7106	2303734.664									
1000	7107	2303911.819	1595-10-18 07:39:43	0.71713303	1.32456697	0.652458842º	1.188583473º	225.0309243	63.65944859	0.994410156	Total
1000	7108	2303911.819									
1000	7109	2303911.819									
1000	7110	2303911.819									
1000	7111	2303911.819									
1000	7112	2303911.819									
1000	7113	2304089.358	1596-04-12 20:35:40	0.755724285	1.285975715	0.779632703º	1.310309823º	229.4651669	56.05950855	1.004617981	Umbral
1000	7114	2304089.358									
1000	7115	2304089.358									
1000	7116	2304089.358									
1000	7117	2304089.358									
1000	7118	2304089.358									
1000	7119	2304236.213	1596-09-06 17:06:51	0.732228846	1.309471154	0.692669802º	1.222606138º	228.4719008	61.18416859	1.006022311	Grazing
1000	7120	2304236.213									
1000	7121	2304236.213									

1000	7122	2304236.213									
1000	7123	2304236.213									
1000	7124	2304265.823	1596-10-06 07:44:39	0.722819003	1.318880997	0.668061958º	1.202477469º	226.0138376	62.65250952	0.997590389	Umbral
1000	7125	2304414.512	1597-03-04 00:17:13	0.735831087	1.305868913	0.713729895º	1.250481234º	225.8099296	59.65813111	0.993249089	Penumbral
1000	7126	2304414.512									
1000	7127	2304414.512									
1000	7128	2304414.512									
1000	7129	2304414.512									
1000	7130	2304443.993	1597-04-02 11:50:28	0.745938072	1.295761928	0.743989154º	1.276251255º	228.2597	57.99853052	1.001626411	Grazing
1000	7131	2304590.631	1597-08-27 03:08:31	0.748207477	1.293492523	0.747002615º	1.275466526º	230.0585241	57.93347402	1.008825328	Penumbral
1000	7132	2304590.631									
1000	7133	2304590.631									
1000	7134	2304590.631									
1000	7135	2304620.07	1597-09-25 13:40:23	0.738427577	1.303272423	0.717462504º	1.250174224º	227.6489968	59.5528998	1.00078102	Penumbral
1000	7136	2304768.733	1598-02-21 05:35:38	0.720321036	1.321378964	0.664882318º	1.203153587º	224.3005039	62.73787348	0.990444426	Umbral
1000	7137	2304768.733									
1000	7138	2304768.733									
1000	7139	2304768.733									
1000	7140	2304768.733									
1000	7141	2304945.283	1598-08-16 18:47:46	0.757453597	1.284246403	0.781358886º	1.30857072º	231.0990742	56.05900557	1.011221189	Total
1000	7142	2304945.283									
1000	7143	2304945.283									
1000	7144	2304945.283									
1000	7145	2304945.283									
1000	7146	2304945.283									
1000	7147	2305122.718	1599-02-10 05:14:31	0.715314158	1.326385842	0.651007006º	1.190647081º	223.5226671	63.63935895	0.987932147	Total
1000	7148	2305122.718									
1000	7149	2305122.718									
1000	7150	2305122.718									
1000	7151	2305122.718									
1000	7152	2305122.718									
1000	7153	2305299.988	1599-08-06 11:42:38	0.754936731	1.286763269	0.769617702º	1.295767167º	231.4494823	56.72642124	1.013262986	Total
1000	7154	2305299.988									
1000	7155	2305299.988									
1000	7156	2305299.988									
1000	7157	2305299.988									
1000	7158	2305476.768	1600-01-30 06:25:26	0.724563521	1.317136479	0.680927967º	1.221707383º	223.6050567	61.59487151	0.985850722	Umbral
1000	7159	2305476.768									
1000	7160	2305476.768									
1000	7161	2305476.768									
1000	7162	2305476.768									
1000	7163	2305476.768									
1000	7164	2305625.096	1600-06-26 14:18:04	0.735421438	1.306278562	0.69527836º	1.219583672º	231.2725946	61.19577955	1.016826962	Penumbral
1000	7165	2305625.096									

1000	7166	2305625.096									
1000	7167	2305625.096									
1000	7168	2305625.096									
1000	7169	2305654.551	1600-07-26 01:13:19	0.742566872	1.299133128	0.72164199º	1.246924315º	231.1917598	59.52265594	1.014935689	Penumbral
1000	7170	2305801.606	1600-12-20 02:32:19	0.746529817	1.295170183	0.75952338º	1.301732637º	224.2385531	56.84435385	0.98325097	Penumbral
1000	7171	2305801.606									
1000	7172	2305801.606									
1000	7173	2305801.606									
1000	7174	2305801.606									
1000	7175	2305831.106	1601-01-18 14:32:27	0.740082089	1.301617911	0.734693762º	1.276293488º	224.1559391	58.26849452	0.984357549	Penumbral
1000	7176	2305979.236	1601-06-15 17:39:38	0.724616117	1.317083883	0.660527378º	1.185006636º	230.5681083	63.50044682	1.016489727	Umbral
1000	7177	2305979.236									
1000	7178	2305979.236									
1000	7179	2305979.236									
1000	7180	2305979.236									
1000	7181	2306156.249	1601-12-09 17:58:05	0.750965013	1.290734987	0.776249434º	1.318095922º	224.616689	55.94412641	0.983909261	Umbral
1000	7182	2306156.249									
1000	7183	2306156.249									
1000	7184	2306156.249									
1000	7185	2306156.249									
1000	7186	2306156.249									
1000	7187	2306333.263	1602-06-04 18:18:41	0.726435953	1.315264047	0.666926107º	1.191892059º	230.4392461	63.04565422	1.015547343	Total
1000	7188	2306333.263									
1000	7189	2306333.263									
1000	7190	2306333.263									
1000	7191	2306333.263									
1000	7192	2306510.861	1602-11-29 08:40:04	0.743026719	1.298673281	0.744956326º	1.286131029º	224.4745267	57.69039579	0.985130634	Total
1000	7193	2306510.861									
1000	7194	2306510.861									
1000	7195	2306510.861									
1000	7196	2306510.861									
1000	7197	2306510.861									
1000	7198	2306687.48	1603-05-24 23:30:44	0.739181899	1.302518101	0.710314153º	1.236066948º	230.7995929	60.2028509	1.014027471	Umbral
1000	7199	2306687.48									
1000	7200	2306687.48									
1000	7201	2306687.48									
1000	7202	2306687.48									
1000	7203	2306687.48									
1000	7204	2306835.595	1603-10-20 02:16:16	0.722448863	1.319251137	0.668977574º	1.205373255º	225.2543967	62.52539155	0.993907664	Grazing
1000	7205	2306835.595									
1000	7206	2306835.595									
1000	7207	2306835.595									
1000	7208	2306835.595									
1000	7209	2306865.257	1603-11-18 18:10:19	0.727868965	1.313831035	0.690993188º	1.231179689º	224.013792	60.96707467	0.986932804	Umbral

1000	7210	2307012.658	1604-04-14 03:46:53	0.75502927	1.28667073	0.776699321º	1.307172557º	229.4821776	56.22313162	1.005004101	Penumbral
1000	7211	2307012.658									
1000	7212	2307012.658									
1000	7213	2307012.658									
1000	7214	2307041.993	1604-05-13 11:49:20	0.752649186	1.289050814	0.761523893º	1.288276296º	231.0574626	57.15883567	1.012103173	Penumbral
1000	7215	2307189.604	1604-10-08 02:30:04	0.717811495	1.323888505	0.652820805º	1.187505355º	225.6583529	63.68382935	0.997088428	Penumbral
1000	7216	2307189.604									
1000	7217	2307189.604									
1000	7218	2307189.604									
1000	7219	2307189.604									
1000	7220	2307219.355	1604-11-06 20:31:13	0.716635633	1.325064367	0.654102814º	1.193024786º	223.8969493	63.45006478	0.989248547	Grazing
1000	7221	2307367.352	1605-04-03 20:26:14	0.753599992	1.288100008	0.773127029º	1.305176888º	228.7654193	56.37448548	1.002025972	Umbral
1000	7222	2307367.352									
1000	7223	2307367.352									
1000	7224	2307367.352									
1000	7225	2307367.352									
1000	7226	2307543.657	1605-09-27 03:46:18	0.727259237	1.314440763	0.680370728º	1.213315835º	226.8764636	61.88433594	1.000342757	Umbral
1000	7227	2307543.657									
1000	7228	2307543.657									
1000	7229	2307543.657									
1000	7230	2307543.657									
1000	7231	2307543.657									
1000	7232	2307721.933	1606-03-24 10:22:52	0.741029174	1.300670826	0.728040406º	1.261745238º	227.3708388	58.88870596	0.998918776	Total
1000	7233	2307721.933									
1000	7234	2307721.933									
1000	7235	2307721.933									
1000	7236	2307721.933									
1000	7237	2307721.933									
1000	7238	2307897.997	1606-09-16 11:55:12	0.743577645	1.298122355	0.733873369º	1.26516439º	228.5624509	58.61486517	1.003457158	Total
1000	7239	2307897.997									
1000	7240	2307897.997									
1000	7241	2307897.997									
1000	7242	2307897.997									
1000	7243	2308076.235	1607-03-13 17:38:58	0.724724701	1.316975299	0.675303209º	1.210699175º	225.7086262	62.13784155	0.995763532	Total Penumbral
1000	7244	2308076.235									
1000	7245	2308076.235									
1000	7246	2308076.235									
1000	7247	2308076.235									
1000	7248	2308076.235									
1000	7249	2308223.294	1607-08-07 19:03:43	0.758283142	1.283416858	0.783351987º	1.309595505º	231.5559813	55.97775771	1.013081891	Grazing
1000	7250	2308223.294									
1000	7251	2308223.294									
1000	7252	2308223.294									
1000	7253	2308223.294									

1000	7254	2308252.603	1607-09-06 02:28:43	0.755244032	1.286455968	0.776263376º	1.306004554º	229.8601491	56.26635507	1.006392932	Umbral
1000	7255	2308400.493	1608-01-31 23:50:29	0.71634549	1.32535451	0.655171321º	1.195809201º	223.2029699	63.31818604	0.986108811	Penumbral
1000	7256	2308400.493									
1000	7257	2308400.493									
1000	7258	2308400.493									
1000	7259	2308400.493									
1000	7260	2308430.263	1608-03-01 18:18:36	0.716399372	1.325300628	0.651290644º	1.188357025º	224.6204814	63.70813236	0.992666449	Grazing
1000	7261	2308577.981	1608-07-27 11:32:49	0.752445271	1.289254729	0.758581357º	1.283938902º	231.690598	57.36266215	1.014790371	Umbral
1000	7262	2308577.981									
1000	7263	2308577.981									
1000	7264	2308577.981									
1000	7265	2308577.981									
1000	7266	2308607.306	1608-08-25 19:20:07	0.755556052	1.286143948	0.775605402º	1.303911631º	230.4572965	56.34059717	1.009126428	Penumbral
1000	7267	2308754.611	1609-01-20 02:40:09	0.728709029	1.312990971	0.6953405º	1.236853506º	223.5403105	60.65047565	0.984515186	Umbral
1000	7268	2308754.611									
1000	7269	2308754.611									
1000	7270	2308754.611									
1000	7271	2308932.476	1609-07-16 23:25:32	0.73849691	1.30320309	0.706475576º	1.231206836º	231.2300136	60.47346939	1.016001558	Total
1000	7272	2308932.476									
1000	7273	2308932.476									
1000	7274	2308932.476									
1000	7275	2308932.476									
1000	7276	2308932.476									
1000	7277	2309109.031	1610-01-09 12:44:34	0.743855097	1.297844903	0.749154137º	1.291219444º	224.1737938	57.42745161	0.983512081	Total
1000	7278	2309109.031									
1000	7279	2309109.031									
1000	7280	2309109.031									
1000	7281	2309109.031									
1000	7282	2309109.031									
1000	7283	2309286.672	1610-07-06 04:07:57	0.726119406	1.315580594	0.665087144º	1.189466665º	230.702932	63.19080174	1.016683063	Umbral
1000	7284	2309286.672									
1000	7285	2309286.672									
1000	7286	2309286.672									
1000	7287	2309286.672									
1000	7288	2309286.672									
1000	7289	2309463.653	1610-12-30 03:39:56	0.750924535	1.290775465	0.776680493º	1.318962942º	224.441158	55.90950175	0.98311826	Umbral
1000	7290	2309463.653									
1000	7291	2309463.653									
1000	7292	2309463.653									
1000	7293	2309463.653									
1000	7294	2309463.653									
1000	7295	2309611.11	1611-05-26 14:38:08	0.729020891	1.312679109	0.676077102º	1.201719341º	230.2807063	62.40710166	1.014240748	Penumbral
1000	7296	2309611.11									
1000	7297	2309611.11									

1000	7298	2309611.11									
1000	7299	2309640.698	1611-06-25 04:45:04	0.725171932	1.316528068	0.661984275º	1.186319305º	230.6871073	63.40501095	1.016769331	Penumbral
1000	7300	2309788.783	1611-11-20 06:48:06	0.739261997	1.302438003	0.730170696º	1.270473933º	224.6077645	58.57009125	0.986719571	Penumbral
1000	7301	2309788.783									
1000	7302	2309788.783									
1000	7303	2309788.783									
1000	7304	2309788.783									
1000	7305	2309818.287	1611-12-19 18:54:00	0.745508132	1.296191868	0.755634863º	1.297804934º	224.190597	57.06121686	0.983322035	Penumbral
1000	7306	2309965.408	1612-05-14 21:48:03	0.743089672	1.298610328	0.725487819º	1.252113508º	230.6025549	59.25044917	1.012346699	Umbral
1000	7307	2309965.408									
1000	7308	2309965.408									
1000	7309	2309965.408									
1000	7310	2309965.408									
1000	7311	2310143.097	1612-11-08 14:19:43	0.724067992	1.317632008	0.677403934º	1.216513869º	224.2318816	61.87860442	0.988903641	Umbral
1000	7312	2310143.097									
1000	7313	2310143.097									
1000	7314	2310143.097									
1000	7315	2310143.097									
1000	7316	2310143.097									
1000	7317	2310319.985	1613-05-04 11:38:17	0.754799944	1.286900056	0.771669469º	1.299462765º	230.678559	56.56906741	1.010107142	Total
1000	7318	2310319.985									
1000	7319	2310319.985									
1000	7320	2310319.985									
1000	7321	2310319.985									
1000	7322	2310319.985									
1000	7323	2310497.133	1613-10-28 15:11:43	0.716166478	1.325533522	0.651312976º	1.188985171º	224.3573069	63.68574744	0.991547979	Total
1000	7324	2310497.133									
1000	7325	2310497.133									
1000	7326	2310497.133									
1000	7327	2310497.133									
1000	7328	2310674.687	1614-04-24 04:28:44	0.756219185	1.285480815	0.779365569º	1.308504943º	230.158182	56.1148877	1.007537529	Umbral
1000	7329	2310674.687									
1000	7330	2310674.687									
1000	7331	2310674.687									
1000	7332	2310674.687									
1000	7333	2310674.687									
1000	7334	2310821.52	1614-09-18 00:28:35	0.732256129	1.309443871	0.694852028º	1.226377683º	227.7869504	60.99456273	1.003014197	Grazing
1000	7335	2310821.52									
1000	7336	2310821.52									
1000	7337	2310821.52									
1000	7338	2310821.52									
1000	7339	2310851.137	1614-10-17 15:17:44	0.722577105	1.319122895	0.669264372º	1.205329014º	225.3289171	62.51717978	0.994521437	Umbral
1000	7340	2310999.845	1615-03-15 08:16:34	0.735752963	1.305947037	0.711430724º	1.246567229º	226.4596756	59.84744554	0.996246327	Penumbral
1000	7341	2310999.845									

1000	7342	2310999.845									
1000	7343	2310999.845									
1000	7344	2310999.845									
1000	7345	2311029.318	1615-04-13 19:38:36	0.745940103	1.295759897	0.741730972º	1.272370064º	228.9573904	58.17530243	1.004689978	Penumbral
1000	7346	2311175.95	1615-09-07 10:47:27	0.748255708	1.293444292	0.749297604º	1.279224551º	229.4157756	57.76058958	1.006040137	Penumbral
1000	7347	2311175.95									
1000	7348	2311175.95									
1000	7349	2311175.95									
1000	7350	2311175.95									
1000	7351	2311205.396	1615-10-06 21:29:51	0.73847623	1.30322377	0.71982674º	1.254208007º	226.9532281	59.35988456	0.997654317	Penumbral
1000	7352	2311354.055	1616-03-03 13:19:07	0.720537543	1.321162457	0.663818701º	1.200621718º	224.906722	62.85871692	0.993153468	Umbral
1000	7353	2311354.055									
1000	7354	2311354.055									
1000	7355	2311354.055									
1000	7356	2311530.605	1616-08-27 02:31:37	0.756997365	1.284702635	0.781514954º	1.309981176º	230.4932835	56.01723252	1.008820915	Total
1000	7357	2311530.605									
1000	7358	2311530.605									
1000	7359	2311530.605									
1000	7360	2311530.605									
1000	7361	2311530.605									
1000	7362	2311708.041	1617-02-20 12:58:28	0.716214234	1.325485766	0.652224625º	1.190597003º	224.087713	63.59853435	0.990258415	Total
1000	7363	2311708.041									
1000	7364	2311708.041									
1000	7365	2311708.041									
1000	7366	2311708.041									
1000	7367	2311708.041									
1000	7368	2311885.302	1617-08-16 19:15:30	0.7538393	1.2878607	0.766968153º	1.294168202º	230.8948718	56.84387451	1.011243793	Total
1000	7369	2311885.302									
1000	7370	2311885.302									
1000	7371	2311885.302									
1000	7372	2311885.302									
1000	7373	2311885.302									
1000	7374	2312062.106	1618-02-09 14:32:48	0.725898051	1.315801949	0.683957063º	1.223684536º	224.1013024	61.43251219	0.987772172	Umbral
1000	7375	2312062.106									
1000	7376	2312062.106									
1000	7377	2312062.106									
1000	7378	2312062.106									
1000	7379	2312062.106									
1000	7380	2312210.378	1618-07-07 21:04:23	0.734449632	1.307250368	0.692173466º	1.216573735º	231.166491	61.39232859	1.016642838	Grazing
1000	7381	2312210.378									
1000	7382	2312210.378									
1000	7383	2312210.378									
1000	7384	2312239.847	1618-08-06 08:20:14	0.74115142	1.30054858	0.717862916º	1.24398464º	230.7179459	59.72721752	1.013316411	Penumbral
1000	7385	2312386.973	1618-12-31 11:20:36	0.747014952	1.294685048	0.76144677º	1.303718916º	224.2421997	56.73650739	0.98313694	Penumbral

1000	7386	2312386.973									
1000	7387	2312386.973									
1000	7388	2312386.973									
1000	7389	2312386.973									
1000	7390	2312416.463	1619-01-29 23:07:18	0.741207355	1.300492645	0.737775577º	1.278577579º	224.5290897	58.11285458	0.985809548	Penumbral
1000	7391	2312564.503	1619-06-27 00:04:26	0.724443243	1.317256757	0.659718249º	1.184029195º	230.6471512	63.56208007	1.016816036	Umbral
1000	7392	2312564.503									
1000	7393	2312564.503									
1000	7394	2312564.503									
1000	7395	2312564.503									
1000	7396	2312594.103	1619-07-26 14:29:01	0.727635325	1.314064675	0.671103266º	1.19636042º	230.3798992	62.75314435	1.014984324	Grazing
1000	7397	2312741.618	1619-12-21 02:49:36	0.750675027	1.291024973	0.775596872º	1.317792424º	224.4585141	55.9698195	0.983275824	Umbral
1000	7398	2312741.618									
1000	7399	2312741.618									
1000	7400	2312741.618									
1000	7401	2312741.618									
1000	7402	2312918.535	1620-06-15 00:50:42	0.727293517	1.314406483	0.668983351º	1.193506831º	230.7063929	62.92090877	1.016404028	Total
1000	7403	2312918.535									
1000	7404	2312918.535									
1000	7405	2312918.535									
1000	7406	2312918.535									
1000	7407	2313096.222	1620-12-09 17:19:00	0.74201804	1.29968196	0.742096532º	1.283934547º	224.1570168	57.83488183	0.983924648	Total
1000	7408	2313096.222									
1000	7409	2313096.222									
1000	7410	2313096.222									
1000	7411	2313096.222									
1000	7412	2313096.222									
1000	7413	2313272.772	1621-06-04 06:32:19	0.740552117	1.301147883	0.714021008º	1.239031246º	231.223102	59.99651628	1.015461679	Umbral
1000	7414	2313272.772									
1000	7415	2313272.772									
1000	7416	2313272.772									
1000	7417	2313272.772									
1000	7418	2313272.772									
1000	7419	2313420.916	1621-10-30 09:58:34	0.721001015	1.320698985	0.666245393º	1.204139821º	224.5635453	62.6587548	0.991138317	Grazing
1000	7420	2313420.916									
1000	7421	2313420.916									
1000	7422	2313420.916									
1000	7423	2313420.916									
1000	7424	2313450.6	1621-11-29 02:23:21	0.726562863	1.315137137	0.68786235º	1.229010557º	223.5629046	61.13634305	0.985178868	Umbral
1000	7425	2313597.985	1622-04-25 11:37:49	0.756041306	1.285658694	0.778531939º	1.3075097º	230.1923407	56.16415385	1.007845352	Penumbral
1000	7426	2313597.985									
1000	7427	2313597.985									
1000	7428	2313597.985									
1000	7429	2313597.985									

1000	7430	2313627.304	1622-05-24 19:18:12	0.753791457	1.287908543	0.764469471º	1.290229925º	231.5735201	57.02198909	1.014012702	Penumbral
1000	7431	2313774.913	1622-10-19 09:54:32	0.717029604	1.324670396	0.652366287º	1.188664899º	224.9502361	63.65988944	0.994087558	Penumbral
1000	7432	2313774.913									
1000	7433	2313774.913									
1000	7434	2313774.913									
1000	7435	2313804.68	1622-11-18 04:19:19	0.715678082	1.326021918	0.652585137º	1.192708293º	223.3666691	63.5136741	0.987048549	Grazing
1000	7436	2313952.683	1623-04-15 04:24:04	0.753943284	1.287756716	0.772133009º	1.302585007º	229.4798845	56.47174249	1.005044339	Umbral
1000	7437	2313952.683									
1000	7438	2313952.683									
1000	7439	2313952.683									
1000	7440	2313952.683									
1000	7441	2314128.971	1623-10-08 11:18:22	0.727155299	1.314544701	0.682116336º	1.216720739º	226.1750472	61.7165544	0.99723791	Umbral
1000	7442	2314128.971									
1000	7443	2314128.971									
1000	7444	2314128.971									
1000	7445	2314128.971									
1000	7446	2314128.971									
1000	7447	2314307.258	1624-04-03 18:12:10	0.740989639	1.300710361	0.725653382º	1.257722447º	228.0710064	59.0790252	1.001989804	Total
1000	7448	2314307.258									
1000	7449	2314307.258									
1000	7450	2314307.258									
1000	7451	2314307.258									
1000	7452	2314307.258									
1000	7453	2314483.322	1624-09-26 19:44:04	0.743600497	1.298099503	0.736224518º	1.269135003º	227.8620799	58.43008752	1.000407748	Total
1000	7454	2314483.322									
1000	7455	2314483.322									
1000	7456	2314483.322									
1000	7457	2314483.322									
1000	7458	2314483.322									
1000	7459	2314661.55	1625-03-24 01:11:27	0.724895724	1.316804276	0.673807719º	1.207570205º	226.4037808	62.29046714	0.998810878	Umbral
1000	7460	2314661.55									
1000	7461	2314661.55									
1000	7462	2314661.55									
1000	7463	2314661.55									
1000	7464	2314808.613	1625-08-18 02:42:53	0.757695569	1.284004431	0.782700323º	1.310051091º	231.0173081	55.98328495	1.010954777	Grazing
1000	7465	2314808.613									
1000	7466	2314808.613									
1000	7467	2314808.613									
1000	7468	2314808.613									
1000	7469	2314837.934	1625-09-16 10:24:15	0.754825168	1.286874832	0.776911974º	1.308209079º	229.154271	56.18957715	1.003445666	Umbral
1000	7470	2314985.822	1626-02-11 07:43:13	0.717348027	1.324351973	0.656969647º	1.196491179º	223.6928068	63.23288585	0.988149214	Penumbral
1000	7471	2314985.822									
1000	7472	2314985.822									
1000	7473	2314985.822									

1000	7474	2314985.822									
1000	7475	2315015.574	1626-03-13 01:46:42	0.717278091	1.324421909	0.652104862º	1.187575949º	225.3127342	63.70647612	0.995623836	Grazing
1000	7476	2315163.29	1626-08-07 18:57:16	0.751269411	1.290430589	0.755396325º	1.281647578º	231.2177328	57.5174541	1.013066999	Penumbral
1000	7477	2315163.29									
1000	7478	2315163.29									
1000	7479	2315163.29									
1000	7480	2315163.29									
1000	7481	2315192.63	1626-09-06 03:06:40	0.754464672	1.287235328	0.773384499º	1.303145148º	229.7653332	56.42219288	1.006355944	Penumbral
1000	7482	2315339.958	1627-01-31 10:58:54	0.729967297	1.311732703	0.698523521º	1.239187345º	223.9398896	60.47712913	0.986061493	Umbral
1000	7483	2315339.958									
1000	7484	2315339.958									
1000	7485	2315339.958									
1000	7486	2315339.958									
1000	7487	2315517.765	1627-07-28 06:21:31	0.73719443	1.30450557	0.702896972º	1.228264029º	230.8637582	60.67835646	1.014771999	Total
1000	7488	2315517.765									
1000	7489	2315517.765									
1000	7490	2315517.765									
1000	7491	2315517.765									
1000	7492	2315694.394	1628-01-20 21:27:16	0.74473328	1.29696672	0.751760143º	1.29327513º	224.4303532	57.29609949	0.984511584	Total
1000	7493	2315694.394									
1000	7494	2315694.394									
1000	7495	2315694.394									
1000	7496	2315694.394									
1000	7497	2315694.394									
1000	7498	2315871.942	1628-07-16 10:36:26	0.725442592	1.316257408	0.663432767º	1.188154649º	230.5043193	63.29239956	1.016019716	Total
1000	7499	2315871.942									
1000	7500	2315871.942									
1000	7501	2315871.942									
1000	7502	2315871.942									
1000	7503	2315871.942									
1000	7504	2316049.022	1629-01-09 12:32:22	0.751055044	1.290644956	0.776888006º	1.31896159º	224.5364675	55.90393876	0.983497063	Umbral
1000	7505	2316049.022									
1000	7506	2316049.022									
1000	7507	2316049.022									
1000	7508	2316049.022									
1000	7509	2316049.022									
1000	7510	2316196.388	1629-06-05 21:19:02	0.730188116	1.311511884	0.678890331º	1.203800505º	230.6732173	62.24424112	1.015655257	Grazing
1000	7511	2316196.388									
1000	7512	2316196.388									
1000	7513	2316196.388									
1000	7514	2316196.388									
1000	7515	2316225.966	1629-07-05 11:11:19	0.725544344	1.316155656	0.663254302º	1.187609419º	230.6797596	63.31709444	1.016730382	Penumbral
1000	7516	2316374.138	1629-11-30 15:18:02	0.738026986	1.303673014	0.726898283º	1.268153478º	224.1782395	58.73493221	0.984984131	Penumbral
1000	7517	2316374.138									

1000	7518	2316374.138									
1000	7519	2316374.138									
1000	7520	2316403.653	1629-12-30 03:40:19	0.744881324	1.296818676	0.753366348º	1.295661502º	224.1226904	57.18439734	0.983095227	Penumbral
1000	7521	2316550.709	1630-05-26 05:00:45	0.744532778	1.297167222	0.729302921º	1.254948839º	231.1248774	59.05113481	1.014233648	Umbral
1000	7522	2316550.709									
1000	7523	2316550.709									
1000	7524	2316550.709									
1000	7525	2316550.709									
1000	7526	2316728.431	1630-11-19 22:20:54	0.722719499	1.318980501	0.674500062º	1.214783431º	223.6915293	62.031125	0.986755855	Umbral
1000	7527	2316728.431									
1000	7528	2316728.431									
1000	7529	2316728.431									
1000	7530	2316728.431									
1000	7531	2316728.431									
1000	7532	2316905.302	1631-05-15 19:15:19	0.755841851	1.285858149	0.77400802º	1.300634541º	231.2687738	56.47284833	1.0123451	Total
1000	7533	2316905.302									
1000	7534	2316905.302									
1000	7535	2316905.302									
1000	7536	2316905.302									
1000	7537	2316905.302									
1000	7538	2317082.453	1631-11-08 22:51:38	0.715333781	1.326366219	0.650399445º	1.189435183º	223.7590786	63.70226573	0.989039762	Total
1000	7539	2317082.453									
1000	7540	2317082.453									
1000	7541	2317082.453									
1000	7542	2317082.453									
1000	7543	2317082.453									
1000	7544	2317260.01	1632-05-04 12:14:44	0.756608566	1.285091434	0.778826236º	1.306636228º	230.7918706	56.17949852	1.010075188	Umbral
1000	7545	2317260.01									
1000	7546	2317260.01									
1000	7547	2317260.01									
1000	7548	2317260.01									
1000	7549	2317406.833	1632-09-28 08:00:13	0.732264031	1.309435969	0.697049635º	1.230171652º	227.0853385	60.80493488	1.000010805	Grazing
1000	7550	2317406.833									
1000	7551	2317406.833									
1000	7552	2317406.833									
1000	7553	2317406.833									
1000	7554	2317436.459	1632-10-27 23:00:31	0.722418494	1.319281506	0.670611717º	1.208178668º	224.6973776	62.37762741	0.991742101	Umbral
1000	7555	2317585.171	1633-03-25 16:06:12	0.735703713	1.305996287	0.709098674º	1.242619233º	227.1462101	60.04002714	0.999263793	Penumbral
1000	7556	2317585.171									
1000	7557	2317585.171									
1000	7558	2317585.171									
1000	7559	2317585.171									
1000	7560	2317614.637	1633-04-24 03:17:49	0.74587554	1.29582446	0.739308608º	1.268469254º	229.6203881	58.35854803	1.007497026	Penumbral
1000	7561	2317761.274	1633-09-17 18:34:51	0.748222294	1.293477706	0.751441429º	1.282916483º	228.7272586	57.59492031	1.003109693	Penumbral

1000	7562	2317761.274									
1000	7563	2317761.274									
1000	7564	2317761.274									
1000	7565	2317761.274									
1000	7566	2317790.728	1633-10-17 05:28:57	0.738535325	1.303164675	0.722167769º	1.258158676º	226.2831237	59.17128453	0.99465825	Penumbral
1000	7567	2317939.37	1634-03-14 20:53:12	0.720855279	1.320844721	0.662906633º	1.198111014º	225.5761914	62.97412668	0.99611998	Umbral
1000	7568	2317939.37									
1000	7569	2317939.37									
1000	7570	2317939.37									
1000	7571	2317939.37									
1000	7572	2318115.932	1634-09-07 10:21:58	0.756425695	1.285274305	0.781395264º	1.311328751º	229.8185581	55.98465161	1.006027719	Umbral
1000	7573	2318115.932									
1000	7574	2318115.932									
1000	7575	2318115.932									
1000	7576	2318115.932									
1000	7577	2318293.358	1635-03-03 20:35:03	0.717258216	1.324441784	0.653694722º	1.190575962º	224.7362254	63.54796499	0.993008766	Total
1000	7578	2318293.358									
1000	7579	2318293.358									
1000	7580	2318293.358									
1000	7581	2318293.358									
1000	7582	2318293.358									
1000	7583	2318470.62	1635-08-28 02:52:59	0.752615244	1.289084756	0.764091901º	1.292600684º	230.2514329	56.96730058	1.008739675	Total
1000	7584	2318470.62									
1000	7585	2318470.62									
1000	7586	2318470.62									
1000	7587	2318470.62									
1000	7588	2318470.62									
1000	7589	2318647.441	1636-02-20 22:34:57	0.727369748	1.314330252	0.687208027º	1.225627834º	224.696113	61.26489439	0.990171184	Umbral
1000	7590	2318647.441									
1000	7591	2318647.441									
1000	7592	2318647.441									
1000	7593	2318647.441									
1000	7594	2318647.441									
1000	7595	2318795.66	1636-07-18 03:50:03	0.733338868	1.308361132	0.689005638º	1.213814439º	230.923015	61.58414682	1.015851444	Grazing
1000	7596	2318795.66									
1000	7597	2318795.66									
1000	7598	2318795.66									
1000	7599	2318795.66									
1000	7600	2318825.146	1636-08-16 15:30:07	0.739615626	1.302084374	0.714002401º	1.241216638º	230.1379187	59.93048874	1.011216579	Umbral
1000	7601	2318972.339	1637-01-10 20:08:42	0.747614705	1.294085295	0.763411303º	1.305418349º	224.3757012	56.63572818	0.983617799	Penumbral
1000	7602	2318972.339									
1000	7603	2318972.339									
1000	7604	2318972.339									
1000	7605	2319001.818	1637-02-09 07:38:10	0.742442781	1.299257219	0.74095573º	1.280691086º	225.0126962	57.96004952	0.987757746	Penumbral

1000	7606	2319149.77	1637-07-07 06:28:23	0.724153125	1.317546875	0.658952115º	1.183343023º	230.5867935	63.6123385	1.016660987	Total Penumbral
1000	7607	2319149.77									
1000	7608	2319149.77									
1000	7609	2319149.77									
1000	7610	2319149.77									
1000	7611	2319179.38	1637-08-05 21:07:21	0.726511235	1.315188765	0.668681961º	1.194770975º	229.9291041	62.88880317	1.013379415	Grazing
1000	7612	2319326.987	1637-12-31 11:42:00	0.750490618	1.291209382	0.774918255º	1.317193558º	224.4300051	56.00409263	0.983131216	Umbral
1000	7613	2319326.987									
1000	7614	2319326.987									
1000	7615	2319326.987									
1000	7616	2319326.987									
1000	7617	2319503.807	1638-06-26 07:22:18	0.728030627	1.313669373	0.671078552º	1.195382241º	230.8379614	62.78665357	1.01683011	Total
1000	7618	2319503.807									
1000	7619	2319503.807									
1000	7620	2319503.807									
1000	7621	2319503.807									
1000	7622	2319503.807									
1000	7623	2319681.583	1638-12-21 01:59:52	0.741132149	1.300567851	0.739317407º	1.281537031º	223.9640403	57.98348112	0.98323217	Total
1000	7624	2319681.583									
1000	7625	2319681.583									
1000	7626	2319681.583									
1000	7627	2319681.583									
1000	7628	2319858.064	1639-06-15 13:32:45	0.741781248	1.299918752	0.717645995º	1.242168619º	231.5194739	59.78887342	1.016405687	Umbral
1000	7629	2319858.064									
1000	7630	2319858.064									
1000	7631	2319858.064									
1000	7632	2319858.064									
1000	7633	2319858.064									
1000	7634	2320006.241	1639-11-10 17:47:39	0.719678387	1.322021613	0.663714507º	1.202973714º	223.9493965	62.7835878	0.988629904	Grazing
1000	7635	2320006.241									
1000	7636	2320006.241									
1000	7637	2320006.241									
1000	7638	2320006.241									
1000	7639	2320035.944	1639-12-10 10:39:41	0.725413705	1.316286295	0.684940759º	1.22677881º	223.2297979	61.30176025	0.983924581	Umbral
1000	7640	2320183.307	1640-05-05 19:22:32	0.75694936	1.28475064	0.780141676º	1.307786644º	230.8416792	56.11296322	1.010391097	Penumbral
1000	7641	2320183.307									
1000	7642	2320183.307									
1000	7643	2320183.307									
1000	7644	2320183.307									
1000	7645	2320212.614	1640-06-04 02:44:03	0.754781107	1.286918893	0.767198703º	1.292209268º	231.9743812	56.89113493	1.015461047	Penumbral
1000	7646	2320360.228	1640-10-29 17:27:55	0.716355626	1.325344374	0.652101063º	1.189899775º	224.2989536	63.6267658	0.991314718	Penumbral
1000	7647	2320360.228									
1000	7648	2320360.228									
1000	7649	2320360.228									

1000	7650	2320360.228									
1000	7651	2320390.009	1640-11-28 12:13:03	0.714894907	1.326805093	0.651312097º	1.19241511º	222.9439453	63.56807752	0.98526115	Penumbral
1000	7652	2320538.01	1641-04-25 12:13:58	0.75420424	1.28749576	0.770919139º	1.299896085º	230.1560316	56.5780424	1.007846906	Umbral
1000	7653	2320538.01									
1000	7654	2320538.01									
1000	7655	2320538.01									
1000	7656	2320538.01									
1000	7657	2320714.292	1641-10-18 19:00:29	0.727096871	1.314603129	0.68393229º	1.220136579º	225.5053716	61.54702872	0.994262427	Umbral
1000	7658	2320714.292									
1000	7659	2320714.292									
1000	7660	2320714.292									
1000	7661	2320714.292									
1000	7662	2320892.578	1642-04-15 01:51:55	0.740916625	1.300783375	0.723187821º	1.253660241º	228.7598887	59.27413433	1.005005646	Total
1000	7663	2320892.578									
1000	7664	2320892.578									
1000	7665	2320892.578									
1000	7666	2320892.578									
1000	7667	2320892.578									
1000	7668	2321068.654	1642-10-08 03:42:17	0.743598804	1.298101196	0.738474237º	1.273031754º	227.1642416	58.25156635	0.997325378	Total
1000	7669	2321068.654									
1000	7670	2321068.654									
1000	7671	2321068.654									
1000	7672	2321068.654									
1000	7673	2321068.654									
1000	7674	2321246.857	1643-04-04 08:33:48	0.725104592	1.316595408	0.672378313º	1.204510859º	227.1173347	62.43931918	1.001870271	Umbral
1000	7675	2321246.857									
1000	7676	2321246.857									
1000	7677	2321246.857									
1000	7678	2321246.857									
1000	7679	2321246.857									
1000	7680	2321393.936	1643-08-29 10:27:31	0.75697462	1.28472538	0.781787771º	1.310440006º	230.3911069	55.99764578	1.00846595	Grazing
1000	7681	2321393.936									
1000	7682	2321393.936									
1000	7683	2321393.936									
1000	7684	2321423.269	1643-09-27 18:27:40	0.75433783	1.28736217	0.777365823º	1.310272704º	228.4248439	56.12206369	1.000414513	Umbral
1000	7685	2321571.146	1644-02-22 15:29:53	0.718509916	1.323190084	0.658999287º	1.197210961º	224.2810296	63.13857615	0.990554095	Penumbral
1000	7686	2321571.146									
1000	7687	2321571.146									
1000	7688	2321571.146									
1000	7689	2321571.146									
1000	7690	2321600.879	1644-03-23 09:05:57	0.718250449	1.323449551	0.653069832º	1.186933596º	226.0487346	63.69476809	0.998621397	Grazing
1000	7691	2321748.601	1644-08-18 02:25:12	0.749955361	1.291744639	0.752044545º	1.279397772º	230.6396163	57.67670139	1.010950062	Penumbral
1000	7692	2321748.601									
1000	7693	2321748.601									

1000	7694	2321748.601									
1000	7695	2321748.601									
1000	7696	2321777.958	1644-09-16 10:59:36	0.753286875	1.288413125	0.771007281º	1.302296901º	229.026654	56.51054685	1.003459803	Penumbral
1000	7697	2321925.301	1645-02-10 19:13:37	0.731364839	1.310335161	0.701884344º	1.241457159º	224.4497628	60.30116283	0.988055296	Umbral
1000	7698	2321925.301									
1000	7699	2321925.301									
1000	7700	2321925.301									
1000	7701	2321925.301									
1000	7702	2322103.055	1645-08-07 13:19:26	0.735765916	1.305934084	0.699279403º	1.225516945º	230.3778915	60.87973426	1.013093394	Total
1000	7703	2322103.055									
1000	7704	2322103.055									
1000	7705	2322103.055									
1000	7706	2322103.055									
1000	7707	2322103.055									
1000	7708	2322279.755	1646-01-31 06:07:05	0.745722222	1.295977778	0.75442794º	1.295105164º	224.8066372	57.16985453	0.986037055	Total
1000	7709	2322279.755									
1000	7710	2322279.755									
1000	7711	2322279.755									
1000	7712	2322279.755									
1000	7713	2322457.213	1646-07-27 17:06:30	0.724654567	1.317045433	0.661797246º	1.187150436º	230.1744018	63.38318702	1.014798782	Total
1000	7714	2322457.213									
1000	7715	2322457.213									
1000	7716	2322457.213									
1000	7717	2322457.213									
1000	7718	2322457.213									
1000	7719	2322634.391	1647-01-20 21:22:55	0.751287563	1.290412437	0.777115218º	1.318609241º	224.7592605	55.9071429	0.984549701	Umbral
1000	7720	2322634.391									
1000	7721	2322634.391									
1000	7722	2322634.391									
1000	7723	2322634.391									
1000	7724	2322634.391									
1000	7725	2322781.666	1647-06-17 03:58:38	0.731235841	1.310464159	0.681677339º	1.206169936º	230.9377648	62.07368454	1.016463876	Grazing
1000	7726	2322781.666									
1000	7727	2322781.666									
1000	7728	2322781.666									
1000	7729	2322781.666									
1000	7730	2322811.236	1647-07-16 17:39:38	0.725797396	1.315902604	0.664509834º	1.18922684º	230.5342471	63.21883161	1.016029158	Penumbral
1000	7731	2322959.494	1647-12-11 23:51:07	0.736917844	1.304782156	0.723776158º	1.265656046º	223.8660055	58.90140724	0.983848616	Penumbral
1000	7732	2322959.494									
1000	7733	2322959.494									
1000	7734	2322959.494									
1000	7735	2322959.494									
1000	7736	2322989.018	1648-01-10 12:25:46	0.744374268	1.297325732	0.751183048º	1.293221731º	224.1849845	57.31394491	0.983560389	Penumbral
1000	7737	2323136.008	1648-06-05 12:11:07	0.745838761	1.295861239	0.732989244º	1.257933018º	231.5313734	58.85263757	1.015590248	Umbral

1000	7738	2323136.008									
1000	7739	2323136.008									
1000	7740	2323136.008									
1000	7741	2323165.43	1648-07-04 22:19:36	0.738474162	1.303225838	0.705777355º	1.230141152º	231.4207118	60.52859606	1.01671355	Grazing
1000	7742	2323313.769	1648-11-30 06:26:46	0.721527314	1.320172686	0.671820846º	1.213040892º	223.2588628	62.17729761	0.985048101	Umbral
1000	7743	2323313.769									
1000	7744	2323313.769									
1000	7745	2323313.769									
1000	7746	2323313.769									
1000	7747	2323490.617	1649-05-26 02:48:07	0.756741953	1.284958047	0.776124088º	1.301777225º	231.7585566	56.38384481	1.01421972	Total
1000	7748	2323490.617									
1000	7749	2323490.617									
1000	7750	2323490.617									
1000	7751	2323490.617									
1000	7752	2323490.617									
1000	7753	2323667.777	1649-11-19 06:38:40	0.714658939	1.327041061	0.649696544º	1.189943829º	223.2548813	63.70939381	0.986821764	Total
1000	7754	2323667.777									
1000	7755	2323667.777									
1000	7756	2323667.777									
1000	7757	2323667.777									
1000	7758	2323667.777									
1000	7759	2323845.329	1650-05-15 19:54:26	0.756869787	1.284830213	0.778060761º	1.304661208º	231.3433496	56.25328553	1.012395224	Umbral
1000	7760	2323845.329									
1000	7761	2323845.329									
1000	7762	2323845.329									
1000	7763	2323845.329									
1000	7764	2323845.329									
1000	7765	2323992.154	1650-10-09 15:41:55	0.732278904	1.309421096	0.699213864º	1.234013292º	226.3923795	60.61605661	0.996874247	Grazing
1000	7766	2323992.154									
1000	7767	2323992.154									
1000	7768	2323992.154									
1000	7769	2324021.786	1650-11-08 06:52:21	0.722367928	1.319332072	0.672063474º	1.211052646º	224.1405415	62.23440688	0.989125209	Umbral
1000	7770	2324170.49	1651-04-05 23:45:57	0.735657224	1.306042776	0.706760664º	1.238629495º	227.8451362	60.23532271	1.002367025	Penumbral
1000	7771	2324170.49									
1000	7772	2324170.49									
1000	7773	2324170.49									
1000	7774	2324170.49									
1000	7775	2324199.95	1651-05-05 10:48:39	0.745720345	1.295979655	0.736750826º	1.264543651º	230.224121	58.5476789	1.010108044	Penumbral
1000	7776	2324346.605	1651-09-29 02:31:05	0.748132402	1.293567598	0.753423906º	1.286532888º	228.0181822	57.43690482	1.000035258	Penumbral
1000	7777	2324346.605									
1000	7778	2324346.605									
1000	7779	2324346.605									
1000	7780	2324346.605									
1000	7781	2324376.068	1651-10-28 13:37:17	0.738630374	1.303069626	0.724482436º	1.262013006º	225.6622232	58.98751223	0.991809225	Penumbral

1000	7782	2324524.679	1652-03-25 04:17:29	0.721247888	1.320452112	0.662103114º	1.195681733º	226.286242	63.0834848	0.999155061	Umbral
1000	7783	2324524.679									
1000	7784	2324524.679									
1000	7785	2324524.679									
1000	7786	2324524.679									
1000	7787	2324701.264	1652-09-17 18:19:29	0.755763024	1.285936976	0.78106981º	1.312544243º	229.0989006	55.96117561	1.003110866	Umbral
1000	7788	2324701.264									
1000	7789	2324701.264									
1000	7790	2324701.264									
1000	7791	2324701.264									
1000	7792	2324701.264									
1000	7793	2324878.669	1653-03-14 04:03:37	0.718419892	1.323280108	0.655346824º	1.190666804º	225.4479592	63.48731899	0.995904875	Total
1000	7794	2324878.669									
1000	7795	2324878.669									
1000	7796	2324878.669									
1000	7797	2324878.669									
1000	7798	2325055.942	1653-09-07 10:36:00	0.751288494	1.290411506	0.761074889º	1.291002942º	229.5409693	57.09605977	1.006038035	Total
1000	7799	2325055.942									
1000	7800	2325055.942									
1000	7801	2325055.942									
1000	7802	2325055.942									
1000	7803	2325055.942									
1000	7804	2325232.771	1654-03-03 06:30:57	0.728955189	1.312744811	0.690623338º	1.227601302º	225.3722265	61.09193884	0.992829899	Umbral
1000	7805	2325232.771									
1000	7806	2325232.771									
1000	7807	2325232.771									
1000	7808	2325232.771									
1000	7809	2325232.771									
1000	7810	2325380.942	1654-07-29 10:36:34	0.732099733	1.309600267	0.685826577º	1.211280478º	230.5496875	61.77024909	1.014604282	Grazing
1000	7811	2325380.942									
1000	7812	2325380.942									
1000	7813	2325380.942									
1000	7814	2325380.942									
1000	7815	2325410.447	1654-08-27 22:44:11	0.737982229	1.303717771	0.71010961º	1.238599564º	229.4706689	60.13152994	1.008775613	Umbral
1000	7816	2325557.705	1655-01-22 04:55:05	0.748324433	1.293375567	0.765416156º	1.306834172º	224.6354745	56.54187823	0.984687916	Penumbral
1000	7817	2325557.705									
1000	7818	2325557.705									
1000	7819	2325557.705									
1000	7820	2325557.705									
1000	7821	2325587.169	1655-02-20 16:03:54	0.743770252	1.297929748	0.744210869º	1.282657896º	225.5928731	57.81003823	0.990121129	Penumbral
1000	7822	2325735.037	1655-07-18 12:53:10	0.723748634	1.317951366	0.658202735º	1.182981015º	230.3889803	63.6509561	1.015910526	Penumbral
1000	7823	2325735.037									
1000	7824	2325735.037									
1000	7825	2325735.037									

1000	7826	2325764.659	1655-08-17 03:49:29	0.725299273	1.316400727	0.66629614º	1.19345955º	229.3722314	63.01447408	1.011314077	Grazing
1000	7827	2325912.357	1656-01-11 20:33:43	0.750412582	1.291287418	0.77426024º	1.316251367º	224.5317274	56.04698912	0.983646688	Umbral
1000	7828	2325912.357									
1000	7829	2325912.357									
1000	7830	2325912.357									
1000	7831	2325912.357									
1000	7832	2326089.08	1656-07-06 13:55:05	0.7286413	1.3130587	0.6731604º	1.197552314º	230.8302755	62.64361962	1.016659037	Total
1000	7833	2326089.08									
1000	7834	2326089.08									
1000	7835	2326089.08									
1000	7836	2326089.08									
1000	7837	2326089.08									
1000	7838	2326266.945	1656-12-31 10:41:07	0.74037558	1.30132442	0.736643019º	1.278909364º	223.9004155	58.1363835	0.983147456	Total
1000	7839	2326266.945									
1000	7840	2326266.945									
1000	7841	2326266.945									
1000	7842	2326266.945									
1000	7843	2326266.945									
1000	7844	2326443.357	1657-06-25 20:33:24	0.742857304	1.298842696	0.721158606º	1.245477324º	231.6795996	59.58095131	1.016800963	Total
1000	7845	2326443.357									
1000	7846	2326443.357									
1000	7847	2326443.357									
1000	7848	2326443.357									
1000	7849	2326443.357									
1000	7850	2326621.29	1657-12-20 18:57:51	0.724434066	1.317265934	0.682248018º	1.224455504º	223.0233943	61.46354348	0.983254181	Umbral
1000	7851	2326621.29									
1000	7852	2326621.29									
1000	7853	2326621.29									
1000	7854	2326621.29									
1000	7855	2326768.626	1658-05-17 03:01:53	0.757729883	1.283970117	0.781512557º	1.308003979º	231.4077301	56.06993525	1.01260487	Penumbral
1000	7856	2326768.626									
1000	7857	2326768.626									
1000	7858	2326768.626									
1000	7859	2326768.626									
1000	7860	2326797.922	1658-06-15 10:08:04	0.75560329	1.28609671	0.769682245º	1.294217187º	232.246488	56.76693329	1.016381818	Penumbral
1000	7861	2326945.548	1658-11-10 01:09:39	0.715815488	1.325884512	0.652026733º	1.191194595º	223.7255258	63.58495849	0.988797395	Penumbral
1000	7862	2326945.548									
1000	7863	2326945.548									
1000	7864	2326945.548									
1000	7865	2326945.548									
1000	7866	2326975.341	1658-12-09 20:11:05	0.714303071	1.327396929	0.65031529º	1.192103555º	222.6413105	63.61355343	0.984014995	Penumbral
1000	7867	2327123.331	1659-05-06 19:56:31	0.754358538	1.287341462	0.769480111º	1.297126468º	230.7694052	56.69318748	1.010388435	Umbral
1000	7868	2327123.331									
1000	7869	2327123.331									

1000	7870	2327123.331									
1000	7871	2327123.331									
1000	7872	2327299.62	1659-10-30 02:52:17	0.727109821	1.314590179	0.685822235º	1.223541475º	224.8906563	61.37637525	0.991461226	Umbral
1000	7873	2327299.62									
1000	7874	2327299.62									
1000	7875	2327299.62									
1000	7876	2327299.62									
1000	7877	2327477.891	1660-04-25 09:22:26	0.740784715	1.300915285	0.72061672º	1.249610641º	229.4122156	59.47338106	1.007814565	Total
1000	7878	2327477.891									
1000	7879	2327477.891									
1000	7880	2327477.891									
1000	7881	2327477.891									
1000	7882	2327477.891									
1000	7883	2327653.993	1660-10-18 11:49:44	0.743598709	1.298101291	0.740640791º	1.276818653º	226.4937619	58.07969498	0.994311431	Total
1000	7884	2327653.993									
1000	7885	2327653.993									
1000	7886	2327653.993									
1000	7887	2327653.993									
1000	7888	2327653.993									
1000	7889	2327832.157	1661-04-14 15:46:09	0.725324018	1.316375982	0.67101871º	1.201539547º	227.8240913	62.58360118	1.004913927	Umbral
1000	7890	2327832.157									
1000	7891	2327832.157									
1000	7892	2327832.157									
1000	7893	2327832.157									
1000	7894	2327832.157									
1000	7895	2327979.263	1661-09-08 18:18:25	0.756143044	1.285556956	0.780631443º	1.310754735º	229.6995819	56.02059009	1.005667523	Grazing
1000	7896	2327979.263									
1000	7897	2327979.263									
1000	7898	2327979.263									
1000	7899	2327979.263									
1000	7900	2328008.611	1661-10-08 02:39:10	0.753808669	1.287891331	0.777620188º	1.31219764º	227.6972745	56.06381824	0.997288186	Umbral
1000	7901	2328156.465	1662-03-04 23:09:37	0.719807362	1.321892638	0.661260062º	1.197978519º	224.9498748	63.03500871	0.993309939	Penumbral
1000	7902	2328156.465									
1000	7903	2328156.465									
1000	7904	2328156.465									
1000	7905	2328186.178	1662-04-03 16:16:16	0.719287097	1.322412903	0.654216984º	1.186410822º	226.8044252	63.6725773	1.001754888	Grazing
1000	7906	2328333.915	1662-08-29 09:57:41	0.748524941	1.293175059	0.748534306º	1.277211077º	229.9756827	57.83961939	1.008419147	Penumbral
1000	7907	2328333.915									
1000	7908	2328333.915									
1000	7909	2328333.915									
1000	7910	2328333.915									
1000	7911	2328363.291	1662-09-27 18:59:29	0.752049948	1.289650052	0.7684567º	1.301403788º	228.2659235	56.60519093	1.000339038	Penumbral
1000	7912	2328510.641	1663-02-22 03:23:09	0.732881962	1.308818038	0.70542262º	1.24366866º	225.0554556	60.12246696	0.99049085	Umbral
1000	7913	2328510.641									

1000	7914	2328510.641									
1000	7915	2328510.641									
1000	7916	2328510.641									
1000	7917	2328688.348	1663-08-18 20:20:36	0.734230863	1.307469137	0.695634191º	1.222981652º	229.788288	61.07664616	1.010961117	Umbral
1000	7918	2328688.348									
1000	7919	2328688.348									
1000	7920	2328688.348									
1000	7921	2328688.348									
1000	7922	2328688.348									
1000	7923	2328865.113	1664-02-11 14:42:42	0.746808033	1.294891967	0.757136523º	1.296731602º	225.2918608	57.04863505	0.988014529	Total
1000	7924	2328865.113									
1000	7925	2328865.113									
1000	7926	2328865.113									
1000	7927	2328865.113									
1000	7928	2328865.113									
1000	7929	2329042.486	1664-08-06 23:39:43	0.723768777	1.317931223	0.660228863º	1.186412873º	229.7245496	63.46279593	1.013196463	Total
1000	7930	2329042.486									
1000	7931	2329042.486									
1000	7932	2329042.486									
1000	7933	2329042.486									
1000	7934	2329219.757	1665-01-31 06:10:08	0.751613577	1.290086423	0.777287377º	1.317980864º	225.1025894	55.91914797	0.986007397	Umbral
1000	7935	2329219.757									
1000	7936	2329219.757									
1000	7937	2329219.757									
1000	7938	2329219.757									
1000	7939	2329219.757									
1000	7940	2329366.943	1665-06-27 10:38:28	0.732152909	1.309547091	0.684472881º	1.208769323º	231.0661452	61.89630943	1.016844166	Grazing
1000	7941	2329366.943									
1000	7942	2329366.943									
1000	7943	2329366.943									
1000	7944	2329366.943									
1000	7945	2329396.508	1665-07-27 00:11:37	0.72593586	1.31576414	0.665811593º	1.191093494º	230.2567437	63.11086792	1.014936507	Total Penumbral
1000	7946	2329544.851	1665-12-22 08:25:53	0.73594582	1.30575418	0.720771284º	1.263009894º	223.6793437	59.06969563	0.983197744	Penumbral
1000	7947	2329544.851									
1000	7948	2329544.851									
1000	7949	2329544.851									
1000	7950	2329544.851									
1000	7951	2329574.381	1666-01-20 21:08:45	0.743983764	1.297716236	0.74902729º	1.29054069º	224.3747144	57.45004529	0.98451447	Penumbral
1000	7952	2329721.306	1666-06-16 19:20:27	0.746991839	1.294708161	0.736550411º	1.261029132º	231.8089468	58.65592334	1.016490768	Umbral
1000	7953	2329721.306									
1000	7954	2329721.306									
1000	7955	2329721.306									
1000	7956	2329721.306									
1000	7957	2329750.719	1666-07-16 05:14:50	0.739252206	1.302447794	0.708949933º	1.233621027º	231.3146263	60.32090646	1.016118066	Grazing

1000	7958	2329899.108	1666-12-11 14:36:00	0.72050832	1.32119168	0.669386711º	1.211256036º	222.9460126	62.31733695	0.983867794	Umbral
1000	7959	2329899.108									
1000	7960	2329899.108									
1000	7961	2329899.108									
1000	7962	2330075.929	1667-06-06 10:17:47	0.757482422	1.284217578	0.777964543º	1.302923641º	232.1309462	56.3025621	1.015560603	Total
1000	7963	2330075.929									
1000	7964	2330075.929									
1000	7965	2330075.929									
1000	7966	2330075.929									
1000	7967	2330075.929									
1000	7968	2330253.105	1667-11-30 14:31:42	0.714162222	1.327537778	0.649271489º	1.190432248º	222.8602475	63.70748328	0.985156015	Total
1000	7969	2330253.105									
1000	7970	2330253.105									
1000	7971	2330253.105									
1000	7972	2330253.105									
1000	7973	2330253.105									
1000	7974	2330430.645	1668-05-26 03:28:43	0.756983329	1.284716671	0.776990196º	1.302667513º	231.7923582	56.33612615	1.01417307	Umbral
1000	7975	2330430.645									
1000	7976	2330430.645									
1000	7977	2330430.645									
1000	7978	2330430.645									
1000	7979	2330430.645									
1000	7980	2330577.482	1668-10-19 23:33:34	0.732327067	1.309372933	0.701424036º	1.23780064º	225.732651	60.42858049	0.993943012	Grazing
1000	7981	2330577.482									
1000	7982	2330577.482									
1000	7983	2330577.482									
1000	7984	2330577.482									
1000	7985	2330607.12	1668-11-18 14:52:22	0.722447449	1.319252551	0.673694648º	1.213863259º	223.6770073	62.08794229	0.986965491	Umbral
1000	7986	2330755.803	1669-04-16 07:15:53	0.735587258	1.306112742	0.704370837º	1.23466802º	228.5312161	60.4326518	1.005337752	Penumbral
1000	7987	2330755.803									
1000	7988	2330755.803									
1000	7989	2330755.803									
1000	7990	2330785.258	1669-05-15 18:11:48	0.74545292	1.29624708	0.73402952º	1.260648687º	230.7457969	58.74201431	1.012359236	Penumbral
1000	7991	2330931.942	1669-10-09 10:36:17	0.748012182	1.293687818	0.755274747º	1.29002698º	227.3139874	57.28688482	0.996962229	Penumbral
1000	7992	2330931.942									
1000	7993	2330931.942									
1000	7994	2330931.942									
1000	7995	2330931.942									
1000	7996	2330961.413	1669-11-07 21:54:14	0.738785286	1.302914714	0.726800472º	1.265728564º	225.1119884	58.80884527	0.989237315	Penumbral
1000	7997	2331109.98	1670-04-05 11:31:51	0.721687686	1.320012314	0.661414201º	1.193346408º	227.0125276	63.18609304	1.002247602	Umbral
1000	7998	2331109.98									
1000	7999	2331109.98									
1000	8000	2331109.98									
1000	8001	2331109.98									

1000	8002	2331286.6	1670-09-29 02:24:35	0.755035557	1.286664443	0.780522096º	1.313648404º	228.359381	55.94667682	1.000002757	Umbral
1000	8003	2331286.6									
1000	8004	2331286.6									
1000	8005	2331286.6									
1000	8006	2331286.6									
1000	8007	2331286.6									
1000	8008	2331463.975	1671-03-25 11:23:53	0.719670624	1.322029376	0.657195159º	1.190865395º	226.200435	63.41630129	0.998983532	Total
1000	8009	2331463.975									
1000	8010	2331463.975									
1000	8011	2331463.975									
1000	8012	2331463.975									
1000	8013	2331463.975									
1000	8014	2331641.268	1671-09-18 18:25:17	0.749885514	1.291814486	0.757902917º	1.289414445º	228.7871268	57.2295266	1.003040856	Total
1000	8015	2331641.268									
1000	8016	2331641.268									
1000	8017	2331641.268									
1000	8018	2331641.268									
1000	8019	2331818.097	1672-03-13 14:20:13	0.730627761	1.311072239	0.694205852º	1.229604116º	226.1097162	60.91367798	0.995759258	Umbral
1000	8020	2331818.097									
1000	8021	2331818.097									
1000	8022	2331818.097									
1000	8023	2331818.097									
1000	8024	2331818.097									
1000	8025	2331966.226	1672-08-08 17:25:23	0.73074769	1.31095231	0.682640631º	1.208992036º	230.0586458	61.94972003	1.012874238	Grazing
1000	8026	2331966.226									
1000	8027	2331966.226									
1000	8028	2331966.226									
1000	8029	2331966.226									
1000	8030	2331995.752	1672-09-07 06:03:29	0.736277284	1.305422716	0.706210964º	1.236132632º	228.7378761	60.32947638	1.006050157	Umbral
1000	8031	2332143.068	1673-02-01 13:38:18	0.749134643	1.292565357	0.767435091º	1.307994005º	225.0140541	56.45486614	0.986252867	Penumbral
1000	8032	2332143.068									
1000	8033	2332143.068									
1000	8034	2332143.068									
1000	8035	2332143.068									
1000	8036	2332172.516	1673-03-03 00:23:38	0.745167936	1.296532064	0.747510462º	1.284505616º	226.252612	57.66288191	0.992798116	Penumbral
1000	8037	2332320.306	1673-07-28 19:20:24	0.723237771	1.318462229	0.657503599º	1.182911496º	230.0607557	63.67780665	1.014693118	Penumbral
1000	8038	2332320.306									
1000	8039	2332320.306									
1000	8040	2332320.306									
1000	8041	2332320.306									
1000	8042	2332349.942	1673-08-27 10:36:47	0.724021773	1.317678227	0.663973776º	1.192406862º	228.7281454	63.12972278	1.008884175	Grazing
1000	8043	2332497.724	1674-01-22 05:23:13	0.750436757	1.291263243	0.773588054º	1.31500007º	224.7602274	56.09858026	0.984698828	Umbral
1000	8044	2332497.724									
1000	8045	2332497.724									

1000	8046	2332497.724									
1000	8047	2332674.355	1674-07-17 20:30:38	0.729124773	1.312575227	0.675240081º	1.199984439º	230.6848064	62.49263318	1.015976198	Total
1000	8048	2332674.355									
1000	8049	2332674.355									
1000	8050	2332674.355									
1000	8051	2332674.355									
1000	8052	2332674.355									
1000	8053	2332852.306	1675-01-11 19:21:07	0.73974983	1.30195017	0.734063305º	1.276056525º	223.9670292	58.29380283	0.983642891	Total
1000	8054	2332852.306									
1000	8055	2332852.306									
1000	8056	2332852.306									
1000	8057	2332852.306									
1000	8058	2332852.306									
1000	8059	2333028.65	1675-07-07 03:35:40	0.743773382	1.297926618	0.724544198º	1.248938662º	231.6992346	59.37377505	1.016654092	Total
1000	8060	2333028.65									
1000	8061	2333028.65									
1000	8062	2333028.65									
1000	8063	2333028.65									
1000	8064	2333028.65									
1000	8065	2333206.636	1676-01-01 03:16:13	0.723631441	1.318068559	0.679773985º	1.22204203º	222.9488188	61.62191574	0.983144374	Umbral
1000	8066	2333206.636									
1000	8067	2333206.636									
1000	8068	2333206.636									
1000	8069	2333206.636									
1000	8070	2333353.942	1676-05-27 10:36:48	0.758362469	1.283337531	0.782611392º	1.308181329º	231.870614	56.03540996	1.014380276	Penumbral
1000	8071	2333353.942									
1000	8072	2333353.942									
1000	8073	2333353.942									
1000	8074	2333353.942									
1000	8075	2333383.23	1676-06-25 17:31:29	0.75624787	1.28545213	0.771912035º	1.296236714º	232.3807828	56.64998602	1.016789404	Penumbral
1000	8076	2333530.874	1676-11-20 08:58:52	0.715432115	1.326267885	0.652172153º	1.192508034º	223.2482416	63.53491037	0.986659959	Penumbral
1000	8077	2333530.874									
1000	8078	2333530.874									
1000	8079	2333530.874									
1000	8080	2333530.874									
1000	8081	2333560.675	1676-12-20 04:11:55	0.713914666	1.327785334	0.649579114º	1.191781847º	222.4676022	63.65032668	0.9832628	Penumbral
1000	8082	2333708.648	1677-05-17 03:32:27	0.754384334	1.287315666	0.767813987º	1.294291889º	231.2974116	56.81690699	1.012630873	Umbral
1000	8083	2333708.648									
1000	8084	2333708.648									
1000	8085	2333708.648									
1000	8086	2333708.648									
1000	8087	2333737.946	1677-06-15 10:41:33	0.758607173	1.283092827	0.781953349º	1.306471823º	232.3683543	56.09881577	1.016413728	Grazing
1000	8088	2333884.954	1677-11-09 10:53:04	0.727218156	1.314481844	0.687804156º	1.226902868º	224.3519234	61.20507259	0.988924229	Umbral
1000	8089	2333884.954									

1000	8090	2333884.954									
1000	8091	2333884.954									
1000	8092	2333884.954									
1000	8093	2334063.197	1678-05-06 16:44:18	0.740570157	1.301129843	0.71794653º	1.245594371º	230.0036349	59.67601205	1.010385595	Total
1000	8094	2334063.197									
1000	8095	2334063.197									
1000	8096	2334063.197									
1000	8097	2334063.197									
1000	8098	2334239.338	1678-10-29 20:06:02	0.743625584	1.298074416	0.742755754º	1.280450105º	225.8740481	57.9147475	0.991507121	Total
1000	8099	2334239.338									
1000	8100	2334239.338									
1000	8101	2334239.338									
1000	8102	2334239.338									
1000	8103	2334239.338									
1000	8104	2334417.451	1679-04-25 22:48:56	0.725527273	1.316172727	0.669679484º	1.198730305º	228.4987338	62.7224545	1.007706172	Umbral
1000	8105	2334417.451									
1000	8106	2334417.451									
1000	8107	2334417.451									
1000	8108	2334417.451									
1000	8109	2334417.451									
1000	8110	2334564.595	1679-09-20 02:16:15	0.755226069	1.286473931	0.779273688º	1.310963557º	228.966776	56.05183522	1.002704413	Grazing
1000	8111	2334564.595									
1000	8112	2334564.595									
1000	8113	2334564.595									
1000	8114	2334564.595									
1000	8115	2334593.957	1679-10-19 10:58:43	0.753264428	1.288435572	0.777741417º	1.313915699º	226.9963557	56.01479999	0.994318071	Umbral
1000	8116	2334741.779	1680-03-15 06:41:50	0.721213401	1.320486599	0.663701135º	1.198854313º	225.6789005	62.9219845	0.996215289	Penumbral
1000	8117	2334741.779									
1000	8118	2334741.779									
1000	8119	2334741.779									
1000	8120	2334741.779									
1000	8121	2334771.471	1680-04-13 23:17:59	0.720358056	1.321341944	0.655467168º	1.186099905º	227.5547942	63.63952504	1.004702011	Penumbral
1000	8122	2334919.233	1680-09-08 17:35:37	0.747003191	1.294696809	0.744936018º	1.275044633º	229.2479536	58.00544026	1.005695367	Penumbral
1000	8123	2334919.233									
1000	8124	2334919.233									
1000	8125	2334919.233									
1000	8126	2334948.63	1680-10-08 03:06:37	0.750782079	1.290917921	0.765826186º	1.300388852º	227.5079998	56.7056911	0.997315772	Penumbral
1000	8127	2335095.977	1681-03-04 11:26:39	0.734495208	1.307204792	0.709086823º	1.245876477º	225.7394521	59.94103344	0.993178192	Umbral
1000	8128	2335095.977									
1000	8129	2335095.977									
1000	8130	2335095.977									
1000	8131	2335095.977									
1000	8132	2335273.643	1681-08-29 03:26:14	0.732612695	1.309087305	0.692000537º	1.220642528º	229.1142434	61.26821916	1.008485491	Umbral
1000	8133	2335273.643									

1000	8134	2335273.643									
1000	8135	2335273.643									
1000	8136	2335273.643									
1000	8137	2335273.643									
1000	8138	2335450.467	1682-02-21 23:13:02	0.74797264	1.29372736	0.759886858º	1.298151338º	225.8717846	56.93243884	0.990456918	Total
1000	8139	2335450.467									
1000	8140	2335450.467									
1000	8141	2335450.467									
1000	8142	2335450.467									
1000	8143	2335450.467									
1000	8144	2335627.762	1682-08-18 06:17:34	0.722803179	1.318896821	0.65868598º	1.185988479º	229.170418	63.53100019	1.011047319	Total
1000	8145	2335627.762									
1000	8146	2335627.762									
1000	8147	2335627.762									
1000	8148	2335627.762									
1000	8149	2335627.762									
1000	8150	2335805.12	1683-02-11 14:52:40	0.752020034	1.289679966	0.777456359º	1.317021815º	225.5556858	55.94001342	0.988068773	Umbral
1000	8151	2335805.12									
1000	8152	2335805.12									
1000	8153	2335805.12									
1000	8154	2335805.12									
1000	8155	2335952.222	1683-07-08 17:20:04	0.732933283	1.308766717	0.687206373º	1.211644936º	231.0551068	61.71306726	1.016568604	Grazing
1000	8156	2335952.222									
1000	8157	2335952.222									
1000	8158	2335952.222									
1000	8159	2335952.222									
1000	8160	2335981.784	1683-08-07 06:48:46	0.725969484	1.315730516	0.667096236º	1.1932548º	229.8582828	62.99394633	1.013245463	Umbral
1000	8161	2336130.209	1684-01-02 17:00:46	0.735117211	1.306582789	0.717930202º	1.260160934º	223.6227373	59.24001927	0.983212029	Penumbral
1000	8162	2336130.209									
1000	8163	2336130.209									
1000	8164	2336130.209									
1000	8165	2336130.209									
1000	8166	2336159.741	1684-02-01 05:47:44	0.743701744	1.297998256	0.746929031º	1.287584982º	224.6851495	57.59286886	0.986075853	Penumbral
1000	8167	2336306.604	1684-06-27 02:30:03	0.747981031	1.293718969	0.739935746º	1.264255205º	231.9489897	58.46194271	1.016799526	Umbral
1000	8168	2336306.604									
1000	8169	2336306.604									
1000	8170	2336306.604									
1000	8171	2336306.604									
1000	8172	2336336.01	1684-07-26 12:14:24	0.739882037	1.301817963	0.712006435º	1.237277556º	231.0747484	60.11284738	1.014957336	Grazing
1000	8173	2336484.449	1684-12-21 22:47:06	0.719674558	1.322025442	0.667196302º	1.209420665º	222.7614788	62.45147206	0.983223576	Umbral
1000	8174	2336484.449									
1000	8175	2336484.449									
1000	8176	2336484.449									
1000	8177	2336484.449									

1000	8178	2336661.24	1685-06-16 17:45:28	0.758049736	1.283650264	0.779552174º	1.304031425º	232.3729926	56.22944796	1.016489741	Total
1000	8179	2336661.24									
1000	8180	2336661.24									
1000	8181	2336661.24									
1000	8182	2336661.24									
1000	8183	2336838.437	1685-12-10 22:29:22	0.713859515	1.327840485	0.649078772º	1.190938521º	222.5872237	63.69682004	0.983885181	Total
1000	8184	2336838.437									
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1000	8186	2336838.437									
1000	8187	2336838.437									
1000	8188	2336838.437									
1000	8189	2337015.957	1686-06-06 10:58:36	0.756933482	1.284766518	0.775670687º	1.300608197º	232.1221217	56.42782333	1.015602366	Umbral
1000	8190	2337015.957									
1000	8191	2337015.957									
1000	8192	2337015.957									
1000	8193	2337015.957									
1000	8194	2337015.957									
1000	8195	2337192.458	1686-11-29 22:59:20	0.722675607	1.319024393	0.675483945º	1.21662503º	223.322161	61.93851697	0.985191834	Umbral
1000	8196	2337192.458									
1000	8197	2337192.458									
1000	8198	2337192.458									
1000	8199	2337192.458									
1000	8200	2337192.458									
1000	8201	2337341.109	1687-04-27 14:36:25	0.735468397	1.306231603	0.701934761º	1.230755349º	229.1792699	60.63122515	1.008144898	Penumbral
1000	8202	2337341.109									
1000	8203	2337341.109									
1000	8204	2337341.109									
1000	8205	2337341.109									
1000	8206	2337370.561	1687-05-27 01:28:13	0.745054895	1.296645105	0.731148687º	1.256809272º	231.1653397	58.9407925	1.014205351	Penumbral
1000	8207	2337517.285	1687-10-20 18:50:19	0.747887831	1.293812169	0.757009076º	1.293370357º	226.639427	57.14510166	0.993971408	Penumbral
1000	8208	2337517.285									
1000	8209	2337517.285									
1000	8210	2337517.285									
1000	8211	2337546.763	1687-11-19 06:18:50	0.739021509	1.302678491	0.729140664º	1.269278466º	224.6511769	58.63542725	0.987021785	Penumbral
1000	8212	2337695.275	1688-04-15 18:36:33	0.722146618	1.319553382	0.660798114º	1.191167587º	227.7298126	63.28120481	1.005200723	Umbral
1000	8213	2337695.275									
1000	8214	2337695.275									
1000	8215	2337695.275									
1000	8216	2337695.275									
1000	8217	2337871.943	1688-10-09 10:37:30	0.754270365	1.287429635	0.779825102º	1.314572215º	227.6252045	55.94100053	0.996971773	Umbral
1000	8218	2337871.943									
1000	8219	2337871.943									
1000	8220	2337871.943									
1000	8221	2337871.943									

1000	8222	2337871.943									
1000	8223	2338049.275	1689-04-04 18:35:52	0.720980268	1.320719732	0.659183927º	1.191237274º	226.9695874	63.33468566	1.002019404	Total
1000	8224	2338049.275									
1000	8225	2338049.275									
1000	8226	2338049.275									
1000	8227	2338049.275									
1000	8228	2338049.275									
1000	8229	2338226.598	1689-09-29 02:21:23	0.748434451	1.293265549	0.754654345º	1.287778522º	228.014505	57.36711783	1.000006754	Total
1000	8230	2338226.598									
1000	8231	2338226.598									
1000	8232	2338226.598									
1000	8233	2338226.598									
1000	8234	2338226.598									
1000	8235	2338403.418	1690-03-24 22:02:28	0.732358491	1.309341509	0.697915065º	1.231675539º	226.8865002	60.73027519	0.998814643	Umbral
1000	8236	2338403.418									
1000	8237	2338403.418									
1000	8238	2338403.418									
1000	8239	2338403.418									
1000	8240	2338551.512	1690-08-20 00:17:52	0.729302639	1.312397361	0.679469851º	1.206947878º	229.4661072	62.12173983	1.010710873	Grazing
1000	8241	2338551.512									
1000	8242	2338551.512									
1000	8243	2338551.512									
1000	8244	2338551.512									
1000	8245	2338581.062	1690-09-18 13:28:53	0.734529376	1.307170624	0.702330478º	1.233813471º	227.9630728	60.52356762	1.003094707	Umbral
1000	8246	2338728.429	1691-02-12 22:17:05	0.750031301	1.291668699	0.769467523º	1.308897389º	225.500258	56.37465865	0.988317131	Penumbral
1000	8247	2338728.429									
1000	8248	2338728.429									
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1000	8250	2338728.429									
1000	8251	2338757.859	1691-03-14 08:36:45	0.746610973	1.295089027	0.750828677º	1.286253156º	226.9721803	57.51875037	0.995710505	Penumbral
1000	8252	2338905.578	1691-08-09 01:51:40	0.722633424	1.319066576	0.656843284º	1.183144764º	229.6139432	63.69290623	1.012970319	Penumbral
1000	8253	2338905.578									
1000	8254	2338905.578									
1000	8255	2338905.578									
1000	8256	2338905.578									
1000	8257	2338935.229	1691-09-07 17:30:24	0.722704402	1.318995598	0.661739707º	1.191592625º	228.0185764	63.23426223	1.006180695	Grazing
1000	8258	2339083.09	1692-02-02 14:09:02	0.750554183	1.291145817	0.772903278º	1.313436503º	225.1080954	56.1589556	0.986299738	Umbral
1000	8259	2339083.09									
1000	8260	2339083.09									
1000	8261	2339083.09									
1000	8262	2339083.09									
1000	8263	2339259.632	1692-07-28 03:10:27	0.729485466	1.312214534	0.677297772º	1.202675078º	230.4081133	62.33459515	1.014752201	Umbral
1000	8264	2339259.632									
1000	8265	2339259.632									

1000	8266	2339259.632									
1000	8267	2339259.632									
1000	8268	2339437.665	1693-01-22 03:58:16	0.73925135	1.30244865	0.731570736º	1.272981286º	224.160794	58.45594792	0.984701494	Total
1000	8269	2339437.665									
1000	8270	2339437.665									
1000	8271	2339437.665									
1000	8272	2339437.665									
1000	8273	2339437.665									
1000	8274	2339613.945	1693-07-17 10:40:55	0.744527804	1.297172196	0.727789713º	1.252532278º	231.5792163	59.16834285	1.015979669	Total
1000	8275	2339613.945									
1000	8276	2339613.945									
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1000	8278	2339613.945									
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1000	8280	2339791.981	1694-01-11 11:33:06	0.723008048	1.318691952	0.677523602º	1.219525552º	223.0072664	61.77707004	0.983627048	Umbral
1000	8281	2339791.981									
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1000	8284	2339791.981									
1000	8285	2339791.981									
1000	8286	2339939.256	1694-06-07 18:08:21	0.758830529	1.282869471	0.783428584º	1.308316552º	232.2138786	56.00967286	1.015698225	Penumbral
1000	8287	2339939.256									
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1000	8289	2339939.256									
1000	8290	2339939.256									
1000	8291	2340116.204	1694-12-01 16:54:21	0.715224673	1.326475327	0.65256353º	1.193804016º	222.8821843	63.47698096	0.985010901	Penumbral
1000	8292	2340116.204									
1000	8293	2340116.204									
1000	8294	2340116.204									
1000	8295	2340116.204									
1000	8296	2340146.01	1694-12-31 12:13:53	0.713736544	1.327963456	0.649149337º	1.191398188º	222.4277654	63.6785453	0.983179175	Penumbral
1000	8297	2340293.96	1695-05-28 11:02:40	0.754263033	1.287436967	0.765882447º	1.291447938º	231.7202534	56.94885489	1.014388857	Umbral
1000	8298	2340293.96									
1000	8299	2340293.96									
1000	8300	2340293.96									
1000	8301	2340293.96									
1000	8302	2340323.256	1695-06-26 18:08:55	0.758462925	1.283237075	0.781019019º	1.305357334º	232.4580081	56.15398125	1.016762961	Grazing
1000	8303	2340470.293	1695-11-20 19:01:53	0.727443167	1.314256833	0.689908838º	1.230179556º	223.9073967	61.03345062	0.986778961	Umbral
1000	8304	2340470.293									
1000	8305	2340470.293									
1000	8306	2340470.293									
1000	8307	2340470.293									
1000	8308	2340648.499	1696-05-16 23:58:16	0.740251732	1.301448268	0.71516036º	1.241658024º	230.5116746	59.88118958	1.012592865	Total
1000	8309	2340648.499									

1000	8310	2340648.499									
1000	8311	2340648.499									
1000	8312	2340648.499									
1000	8313	2340648.499									
1000	8314	2340824.688	1696-11-09 04:30:29	0.743703124	1.297996876	0.744827052º	1.283908701º	225.326352	57.75687871	0.98895553	Total
1000	8315	2340824.688									
1000	8316	2340824.688									
1000	8317	2340824.688									
1000	8318	2340824.688									
1000	8319	2341002.738	1697-05-06 05:42:53	0.725689123	1.316010877	0.668388565º	1.196078919º	229.116754	62.85499082	1.010304193	Umbral
1000	8320	2341002.738									
1000	8321	2341002.738									
1000	8322	2341002.738									
1000	8323	2341002.738									
1000	8324	2341002.738									
1000	8325	2341149.932	1697-09-30 10:21:27	0.754250543	1.287449457	0.777725722º	1.311067202º	228.2176396	56.09108482	0.999599315	Grazing
1000	8326	2341149.932									
1000	8327	2341149.932									
1000	8328	2341149.932									
1000	8329	2341149.932									
1000	8330	2341179.31	1697-10-29 19:26:00	0.752731017	1.288968983	0.777716655º	1.315440978º	226.3454524	55.97493416	0.991451856	Umbral
1000	8331	2341327.088	1698-03-26 14:06:17	0.722698749	1.319001251	0.666338851º	1.19982835º	226.4455351	62.79938457	0.99932197	Penumbral
1000	8332	2341327.088									
1000	8333	2341327.088									
1000	8334	2341327.088									
1000	8335	2341327.088									
1000	8336	2341356.758	1698-04-25 06:11:38	0.721433687	1.320266313	0.656860884º	1.185969228º	228.274704	63.59531504	1.007596618	Penumbral
1000	8337	2341504.555	1698-09-20 01:19:47	0.745417577	1.296282423	0.741234895º	1.272940077º	228.480175	58.17344369	1.002675536	Penumbral
1000	8338	2341504.555									
1000	8339	2341504.555									
1000	8340	2341504.555									
1000	8341	2341504.555									
1000	8342	2341533.973	1698-10-19 11:21:02	0.749511433	1.292188567	0.763088469º	1.299295895º	226.777108	56.81166965	0.994256609	Penumbral
1000	8343	2341681.308	1699-03-15 19:23:32	0.736178079	1.305521921	0.712878971º	1.248076757º	226.4816181	59.75697574	0.996132256	Umbral
1000	8344	2341681.308									
1000	8345	2341681.308									
1000	8346	2341681.308									
1000	8347	2341858.943	1699-09-09 10:37:25	0.730938068	1.310761932	0.68840659º	1.218491198º	228.3776938	61.45369099	1.005740913	Umbral
1000	8348	2341858.943									
1000	8349	2341858.943									
1000	8350	2341858.943									
1000	8351	2341858.943									
1000	8352	2341858.943									
1000	8353	2342035.818	1700-03-05 07:37:13	0.749194372	1.292505628	0.762614982º	1.299424307º	226.5290369	56.82135026	0.993141797	Total

1000	8354	2342035.818									
1000	8355	2342035.818									
1000	8356	2342035.818									
1000	8357	2342035.818									
1000	8358	2342035.818									
1000	8359	2342213.043	1700-08-29 13:01:23	0.721779686	1.319920314	0.65724299º	1.185801684º	228.5312755	63.58771906	1.00864442	Total
1000	8360	2342213.043									
1000	8361	2342213.043									
1000	8362	2342213.043									
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1000	8364	2342213.043									
1000	8365	2342390.479	1701-02-22 23:29:24	0.752489796	1.289210204	0.777535231º	1.315818486º	226.104186	55.96981594	0.990422371	Umbral
1000	8366	2342390.479									
1000	8367	2342390.479									
1000	8368	2342390.479									
1000	8369	2342390.479									
1000	8370	2342390.479									
1000	8371	2342537.503	1701-07-20 00:04:56	0.733576161	1.308123839	0.689925291º	1.214720736º	230.9065054	61.52495962	1.015877296	Grazing
1000	8372	2342537.503									
1000	8373	2342537.503									
1000	8374	2342537.503									
1000	8375	2342567.064	1701-08-18 13:32:27	0.72591261	1.31578739	0.66842087º	1.195631149º	229.3542707	62.86888703	1.011224172	Umbral
1000	8376	2342715.565	1702-01-14 01:34:05	0.734433208	1.307266792	0.715204829º	1.257151265º	223.6967552	59.41261076	0.983727805	Penumbral
1000	8377	2342715.565									
1000	8378	2342715.565									
1000	8379	2342715.565									
1000	8380	2342715.565									
1000	8381	2342745.098	1702-02-12 14:21:17	0.743515586	1.298184414	0.744831566º	1.284411149º	225.1057132	57.74254545	0.988042904	Penumbral
1000	8382	2342891.904	1702-07-09 09:41:15	0.748800445	1.292899555	0.743152091º	1.267571163º	231.9477912	58.2716073	1.016606387	Penumbral
1000	8383	2342891.904									
1000	8384	2342891.904									
1000	8385	2342891.904									
1000	8386	2342891.904									
1000	8387	2342921.305	1702-08-07 19:19:34	0.740371501	1.301328499	0.714957733º	1.241066894º	230.7114149	59.90543813	1.01334061	Penumbral
1000	8388	2343069.791	1703-01-03 06:58:24	0.719032889	1.322667111	0.665272853º	1.207502427º	222.70993	62.57991094	0.983214128	Umbral
1000	8389	2343069.791									
1000	8390	2343069.791									
1000	8391	2343069.791									
1000	8392	2343069.791									
1000	8393	2343246.55	1703-06-29 01:12:22	0.758435111	1.283264889	0.780821106º	1.305151342º	232.476351	56.16487614	1.016778628	Total
1000	8394	2343246.55									
1000	8395	2343246.55									
1000	8396	2343246.55									
1000	8397	2343246.55									

1000	8398	2343246.55									
1000	8399	2343423.771	1703-12-23 06:30:07	0.713761795	1.327938205	0.649187512º	1.191386717º	222.4440955	63.67760332	0.983269199	Total
1000	8400	2343423.771									
1000	8401	2343423.771									
1000	8402	2343423.771									
1000	8403	2343423.771									
1000	8404	2343601.268	1704-06-17 18:25:13	0.75670891	1.28499109	0.774048223º	1.29855163º	232.3200859	56.52810054	1.016442926	Total
1000	8405	2343601.268									
1000	8406	2343601.268									
1000	8407	2343601.268									
1000	8408	2343601.268									
1000	8409	2343601.268									
1000	8410	2343777.8	1704-12-11 07:11:51	0.723066799	1.318633201	0.677477803º	1.219287755º	223.087809	61.7862728	0.983975609	Umbral
1000	8411	2343777.8									
1000	8412	2343777.8									
1000	8413	2343777.8									
1000	8414	2343777.8									
1000	8415	2343777.8									
1000	8416	2343926.408	1705-05-08 21:48:07	0.735276961	1.306423039	0.699427751º	1.226944952º	229.7651237	60.83016591	1.010635817	Penumbral
1000	8417	2343926.408									
1000	8418	2343926.408									
1000	8419	2343926.408									
1000	8420	2343926.408									
1000	8421	2343955.86	1705-06-07 08:38:56	0.74451182	1.29718818	0.728105188º	1.25305925º	231.4662365	59.14318202	1.015570344	Penumbral
1000	8422	2344102.634	1705-11-01 03:12:47	0.747784667	1.293915333	0.758655444º	1.296524579º	226.0177357	57.01169697	0.991184923	Penumbral
1000	8423	2344102.634									
1000	8424	2344102.634									
1000	8425	2344102.634									
1000	8426	2344102.634									
1000	8427	2344132.118	1705-11-30 14:49:56	0.739357259	1.302342741	0.731530526º	1.272631173º	224.2953461	58.4672769	0.98526546	Penumbral
1000	8428	2344280.564	1706-04-28 01:32:08	0.72259722	1.31910278	0.660267116º	1.189153111º	228.4128412	63.36805895	1.00802022	Umbral
1000	8429	2344280.564									
1000	8430	2344280.564									
1000	8431	2344280.564									
1000	8432	2344310.173	1706-05-27 16:09:26	0.729375372	1.312324628	0.677377756º	1.203068434º	230.2566063	62.31896074	1.014147292	Grazing
1000	8433	2344457.29	1706-10-21 18:58:10	0.75349446	1.28820554	0.778964039º	1.31533684º	226.9208419	55.94397953	0.99395006	Umbral
1000	8434	2344457.29									
1000	8435	2344457.29									
1000	8436	2344457.29									
1000	8437	2344457.29									
1000	8438	2344634.569	1707-04-17 01:39:54	0.722318132	1.319381868	0.661318003º	1.19178372º	227.7305041	63.24234271	1.005018347	Total
1000	8439	2344634.569									
1000	8440	2344634.569									
1000	8441	2344634.569									

1000	8442	2344634.569									
1000	8443	2344634.569									
1000	8444	2344811.934	1707-10-11 10:24:35	0.74696422	1.29473578	0.751336853º	1.286107671º	227.2477992	57.50831892	0.996927582	Total
1000	8445	2344811.934									
1000	8446	2344811.934									
1000	8447	2344811.934									
1000	8448	2344811.934									
1000	8449	2344811.934									
1000	8450	2344988.735	1708-04-05 05:37:42	0.734116943	1.307583057	0.701718742º	1.23384187º	227.6789394	60.54203551	1.001888003	Umbral
1000	8451	2344988.735									
1000	8452	2344988.735									
1000	8453	2344988.735									
1000	8454	2344988.735									
1000	8455	2344988.735									
1000	8456	2345136.802	1708-08-31 07:15:17	0.727788335	1.313911665	0.676341127º	1.20513789º	228.7916828	62.28560752	1.008190319	Grazing
1000	8457	2345136.802									
1000	8458	2345136.802									
1000	8459	2345136.802									
1000	8460	2345166.376	1708-09-29 21:01:01	0.732768737	1.308931263	0.698507309º	1.231619624º	227.1707901	60.7131722	1.000029003	Umbral
1000	8461	2345313.785	1709-02-24 06:50:19	0.750996294	1.290703706	0.771480572º	1.309574537º	226.0794338	56.30128684	0.990770782	Penumbral
1000	8462	2345313.785									
1000	8463	2345313.785									
1000	8464	2345313.785									
1000	8465	2345313.785									
1000	8466	2345343.196	1709-03-25 16:42:56	0.748072285	1.293627715	0.754142742º	1.287912344º	227.7296154	57.37792097	0.998797565	Penumbral
1000	8467	2345490.853	1709-08-20 08:28:23	0.721952949	1.319747051	0.656241522º	1.18365572º	229.0646226	63.69641019	1.010833193	Penumbral
1000	8468	2345490.853									
1000	8469	2345490.853									
1000	8470	2345490.853									
1000	8471	2345490.853									
1000	8472	2345520.522	1709-09-19 00:31:18	0.721375364	1.320324636	0.659595493º	1.191016115º	227.2672634	63.32795446	1.003212438	Penumbral
1000	8473	2345668.451	1710-02-13 22:49:51	0.75075142	1.29094858	0.77217859º	1.311587043º	225.5641095	56.22821033	0.988356365	Umbral
1000	8474	2345668.451									
1000	8475	2345668.451									
1000	8476	2345668.451									
1000	8477	2345668.451									
1000	8478	2345844.914	1710-08-09 09:55:57	0.729732755	1.311967245	0.679337205º	1.205594758º	230.0115571	62.17045908	1.013054872	Umbral
1000	8479	2345844.914									
1000	8480	2345844.914									
1000	8481	2345844.914									
1000	8482	2345844.914									
1000	8483	2346023.022	1711-02-03 12:31:00	0.738871711	1.302828289	0.729157215º	1.269688396º	224.4746837	58.62299242	0.986303468	Total
1000	8484	2346023.022									
1000	8485	2346023.022									

1000	8486	2346023.022									
1000	8487	2346023.022									
1000	8488	2346023.022									
1000	8489	2346199.243	1711-07-29 17:50:26	0.74512408	1.29657592	0.730879458º	1.2562411º	231.3254578	58.96560757	1.014782456	Total
1000	8490	2346199.243									
1000	8491	2346199.243									
1000	8492	2346199.243									
1000	8493	2346199.243									
1000	8494	2346199.243									
1000	8495	2346377.324	1712-01-23 19:46:48	0.722560817	1.319139183	0.675477065º	1.216920579º	223.1959477	61.92913548	0.984641544	Umbral
1000	8496	2346377.324									
1000	8497	2346377.324									
1000	8498	2346377.324									
1000	8499	2346377.324									
1000	8500	2346377.324									
1000	8501	2346524.568	1712-06-19 01:37:40	0.759121845	1.282578155	0.783955514º	1.308409407º	232.4252291	55.99293952	1.016538888	Grazing
1000	8502	2346524.568									
1000	8503	2346524.568									
1000	8504	2346524.568									
1000	8505	2346524.568									
1000	8506	2346553.848	1712-07-18 08:21:28	0.756988821	1.284711179	0.775552421º	1.300282089º	232.2245898	56.43987783	1.016004641	Umbral
1000	8507	2346701.538	1712-12-13 00:54:42	0.715207917	1.326492083	0.653190322º	1.195087006º	222.6388703	63.41142737	0.983818123	Penumbral
1000	8508	2346701.538									
1000	8509	2346701.538									
1000	8510	2346701.538									
1000	8511	2346731.344	1713-01-11 20:15:16	0.713770105	1.327929895	0.64896961º	1.191007707º	222.5227416	63.69826406	0.983561453	Penumbral
1000	8512	2346879.27	1713-06-08 18:28:11	0.753979969	1.287720031	0.763717561º	1.288581271º	232.0217766	57.0886087	1.015745168	Umbral
1000	8513	2346879.27									
1000	8514	2346879.27									
1000	8515	2346879.27									
1000	8516	2346879.27									
1000	8517	2346908.566	1713-07-08 01:35:37	0.758132931	1.283567069	0.779811849º	1.3041944º	232.4055625	56.21799535	1.016677189	Grazing
1000	8518	2347055.637	1713-12-02 03:17:28	0.727802666	1.313897334	0.692146406º	1.233355928º	223.5720267	60.86168898	0.985067255	Umbral
1000	8519	2347055.637									
1000	8520	2347055.637									
1000	8521	2347055.637									
1000	8522	2347055.637									
1000	8523	2347233.795	1714-05-29 07:05:18	0.739811537	1.301888463	0.712262161º	1.237828406º	230.9166644	60.08800839	1.014387403	Total
1000	8524	2347233.795									
1000	8525	2347233.795									
1000	8526	2347233.795									
1000	8527	2347233.795									
1000	8528	2347233.795									
1000	8529	2347410.043	1714-11-21 13:02:08	0.743852497	1.297847503	0.746894834º	1.287148214º	224.8691609	57.60613077	0.98681063	Total

1000	8530	2347410.043									
1000	8531	2347410.043									
1000	8532	2347410.043									
1000	8533	2347410.043									
1000	8534	2347410.043									
1000	8535	2347588.02	1715-05-18 12:28:56	0.725786713	1.315913287	0.667095223º	1.19366092º	229.655397	62.98032363	1.012462036	Umbral
1000	8536	2347588.02									
1000	8537	2347588.02									
1000	8538	2347588.02									
1000	8539	2347588.02									
1000	8540	2347764.667	1715-11-11 04:00:25	0.752232621	1.289467379	0.777625676º	1.316694406º	225.7658003	55.94412422	0.988979232	Umbral
1000	8541	2347764.667									
1000	8542	2347764.667									
1000	8543	2347764.667									
1000	8544	2347764.667									
1000	8545	2347764.667									
1000	8546	2347912.391	1716-04-06 21:23:01	0.724232724	1.317467276	0.669095482º	1.200983599º	227.2257192	62.6671963	1.002330679	Penumbral
1000	8547	2347912.391									
1000	8548	2347912.391									
1000	8549	2347912.391									
1000	8550	2347912.391									
1000	8551	2347942.04	1716-05-06 12:58:06	0.722485648	1.319214352	0.658315229º	1.186110108º	228.9397724	63.53975817	1.010104113	Penumbral
1000	8552	2348089.882	1716-10-01 09:10:42	0.74379713	1.29790287	0.737516723º	1.270833378º	227.6969472	58.34298609	0.999645843	Penumbral
1000	8553	2348089.882									
1000	8554	2348089.882									
1000	8555	2348089.882									
1000	8556	2348089.882									
1000	8557	2348119.321	1716-10-30 19:42:30	0.748265224	1.293434776	0.76033637º	1.298043561º	226.0961	56.92282418	0.991483444	Penumbral
1000	8558	2348266.634	1717-03-27 03:13:33	0.737901866	1.303798134	0.716751922º	1.250311245º	227.2597128	59.57054064	0.999191195	Umbral
1000	8559	2348266.634									
1000	8560	2348266.634									
1000	8561	2348266.634									
1000	8562	2348266.634									
1000	8563	2348444.247	1717-09-20 17:55:01	0.729236055	1.312463945	0.684868475º	1.216526989º	227.6023728	61.6324326	1.002763548	Umbral
1000	8564	2348444.247									
1000	8565	2348444.247									
1000	8566	2348444.247									
1000	8567	2348444.247									
1000	8568	2348621.163	1718-03-16 15:54:39	0.75044867	1.29125133	0.765328848º	1.300534024º	227.243528	56.71554094	0.996118502	Total
1000	8569	2348621.163									
1000	8570	2348621.163									
1000	8571	2348621.163									
1000	8572	2348621.163									
1000	8573	2348621.163									

1000	8574	2348798.328	1718-09-09 19:52:16	0.720723469	1.320976531	0.655857699º	1.185891882º	227.8292043	63.63301333	1.005836596	Total
1000	8575	2348798.328									
1000	8576	2348798.328									
1000	8577	2348798.328									
1000	8578	2348798.328									
1000	8579	2348798.328									
1000	8580	2348975.833	1719-03-06 07:59:23	0.753002233	1.288697767	0.777556833º	1.314335365º	226.7304567	56.00863905	0.99319877	Umbral
1000	8581	2348975.833									
1000	8582	2348975.833									
1000	8583	2348975.833									
1000	8584	2348975.833									
1000	8585	2348975.833									
1000	8586	2349122.788	1719-07-31 06:54:29	0.734085914	1.307614086	0.69255993º	1.218038543º	230.6272356	61.3330152	1.014556568	Grazing
1000	8587	2349122.788									
1000	8588	2349122.788									
1000	8589	2349122.788									
1000	8590	2349122.788									
1000	8591	2349152.35	1719-08-29 20:23:53	0.72578365	1.31591635	0.669737499º	1.198248211º	228.7638178	62.73656373	1.008735993	Umbral
1000	8592	2349300.92	1720-01-25 10:04:11	0.733889904	1.307810096	0.712625448º	1.253944125º	223.8980099	59.58767932	0.984868617	Penumbral
1000	8593	2349300.92									
1000	8594	2349300.92									
1000	8595	2349300.92									
1000	8596	2349330.45	1720-02-23 22:48:10	0.743408578	1.298291422	0.742746886º	1.281008232º	225.6221977	57.89914089	0.990462684	Penumbral
1000	8597	2349477.205	1720-07-19 16:55:19	0.749449391	1.292250609	0.746175367º	1.270969599º	231.8067408	58.0857717	1.015879646	Penumbral
1000	8598	2349477.205									
1000	8599	2349477.205									
1000	8600	2349477.205									
1000	8601	2349477.205									
1000	8602	2349506.605	1720-08-18 02:31:29	0.740733125	1.300966875	0.71779354º	1.244967386º	230.2393872	59.6996507	1.011294059	Penumbral
1000	8603	2349655.131	1721-01-13 15:08:11	0.718584805	1.323115195	0.663579346º	1.205532202º	222.7920798	62.70280701	0.983716153	Umbral
1000	8604	2349655.131									
1000	8605	2349655.131									
1000	8606	2349655.131									
1000	8607	2349655.131									
1000	8608	2349831.861	1721-07-09 08:39:40	0.75863477	1.28306523	0.781814743º	1.306226177º	232.4376834	56.1091357	1.016621193	Total
1000	8609	2349831.861									
1000	8610	2349831.861									
1000	8611	2349831.861									
1000	8612	2349831.861									
1000	8613	2349831.861									
1000	8614	2350009.106	1722-01-02 14:32:16	0.713874775	1.327825225	0.649559281º	1.191813528º	222.4352091	63.64993238	0.983169389	Total
1000	8615	2350009.106									
1000	8616	2350009.106									
1000	8617	2350009.106									

1000	8618	2350009.106									
1000	8619	2350009.106									
1000	8620	2350186.576	1722-06-29 01:49:42	0.756303062	1.285396938	0.772159781°	1.296476645°	232.3784727	56.63659938	1.016804558	Total
1000	8621	2350186.576									
1000	8622	2350186.576									
1000	8623	2350186.576									
1000	8624	2350186.576									
1000	8625	2350363.145	1722-12-22 15:28:20	0.723630746	1.318069254	0.679664854°	1.221864146°	222.9819273	61.63121995	0.983269041	Umbral
1000	8626	2350363.145									
1000	8627	2350363.145									
1000	8628	2350363.145									
1000	8629	2350363.145									
1000	8630	2350363.145									
1000	8631	2350511.703	1723-05-20 04:51:52	0.734991875	1.306708125	0.696860342°	1.223255773°	230.2665611	61.02853173	1.012789524	Penumbral
1000	8632	2350511.703									
1000	8633	2350511.703									
1000	8634	2350511.703									
1000	8635	2350511.703									
1000	8636	2350541.156	1723-06-18 15:45:09	0.743813724	1.297886276	0.724910346°	1.249418927°	231.6362409	59.34829294	1.0164329	Penumbral
1000	8637	2350687.988	1723-11-12 11:42:59	0.747726228	1.293973772	0.760239248°	1.299457943°	225.4699152	56.88671847	0.98870418	Penumbral
1000	8638	2350687.988									
1000	8639	2350687.988									
1000	8640	2350687.988									
1000	8641	2350687.988									
1000	8642	2350717.476	1723-12-11 23:26:08	0.739806861	1.301893139	0.73398134°	1.27577544°	224.0564871	58.30430538	0.984004399	Penumbral
1000	8643	2350865.847	1724-05-08 08:19:21	0.72301356	1.31868644	0.659783383°	1.187361238°	229.0372569	63.44591268	1.010519627	Umbral
1000	8644	2350865.847									
1000	8645	2350865.847									
1000	8646	2350865.847									
1000	8647	2350865.847									
1000	8648	2350895.452	1724-06-06 22:50:46	0.729067419	1.312632581	0.675354316°	1.200329499°	230.5796075	62.47736323	1.015529487	Grazing
1000	8649	2351042.643	1724-11-01 03:26:17	0.752733871	1.288966129	0.778008661°	1.315877553°	226.2692533	55.95544898	0.991185374	Umbral
1000	8650	2351042.643									
1000	8651	2351042.643									
1000	8652	2351042.643									
1000	8653	2351219.859	1725-04-27 08:36:37	0.723653956	1.318046044	0.663563542°	1.192542322°	228.4582401	63.13926183	1.007843411	Total
1000	8654	2351219.859									
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1000	8658	2351219.859									
1000	8659	2351397.274	1725-10-21 18:34:57	0.745503573	1.296196427	0.747997735°	1.284370468°	226.5110025	57.65270664	0.993950186	Total
1000	8660	2351397.274									
1000	8661	2351397.274									

1000	8662	2351397.274									
1000	8663	2351397.274									
1000	8664	2351397.274									
1000	8665	2351574.046	1726-04-16 13:06:14	0.735872169	1.305827831	0.705587984º	1.236121255º	228.4625214	60.34940738	1.004890375	Umbral
1000	8666	2351574.046									
1000	8667	2351574.046									
1000	8668	2351574.046									
1000	8669	2351574.046									
1000	8670	2351574.046									
1000	8671	2351722.096	1726-09-11 14:18:42	0.726231669	1.315468331	0.673281497º	1.203547448º	228.0575835	62.44075959	1.005396965	Grazing
1000	8672	2351722.096									
1000	8673	2351722.096									
1000	8674	2351722.096									
1000	8675	2351722.096									
1000	8676	2351899.137	1727-03-07 15:17:11	0.752008029	1.289691971	0.773445565º	1.310049094º	226.733794	56.23484717	0.993522683	Penumbral
1000	8677	2351899.137									
1000	8678	2351899.137									
1000	8679	2351899.137									
1000	8680	2351899.137									
1000	8681	2351928.529	1727-04-06 00:42:06	0.749523442	1.292176558	0.757389242º	1.289532636º	228.5013164	57.2407707	1.001849848	Penumbral
1000	8682	2352076.133	1727-08-31 15:11:51	0.721217603	1.320482397	0.655707929º	1.184426151º	228.4324356	63.68860426	1.008340085	Penumbral
1000	8683	2352076.133									
1000	8684	2352076.133									
1000	8685	2352076.133									
1000	8686	2352076.133									
1000	8687	2352105.82	1727-09-30 07:40:11	0.720064509	1.321635491	0.657593568º	1.190620933º	226.4990598	63.41080365	1.000188381	Penumbral
1000	8688	2352253.809	1728-02-25 07:24:28	0.751011024	1.290688976	0.771389952º	1.30947538º	226.1134715	56.30643107	0.9907865	Umbral
1000	8689	2352253.809									
1000	8690	2352253.809									
1000	8691	2352253.809									
1000	8692	2352253.809									
1000	8693	2352430.2	1728-08-19 16:48:25	0.729880596	1.311819404	0.681366533º	1.208708142º	229.5108051	62.00120822	1.010972334	Umbral
1000	8694	2352430.2									
1000	8695	2352430.2									
1000	8696	2352430.2									
1000	8697	2352430.2									
1000	8698	2352430.2									
1000	8699	2352608.374	1729-02-13 20:57:51	0.738597932	1.303102068	0.72679015º	1.266209918º	224.8978545	58.79504584	0.988335633	Total
1000	8700	2352608.374									
1000	8701	2352608.374									
1000	8702	2352608.374									
1000	8703	2352608.374									
1000	8704	2352608.374									
1000	8705	2352784.545	1729-08-09 01:05:24	0.745570703	1.296129297	0.733807511º	1.260039238º	230.9487137	58.7664628	1.013104589	Total

1000	8706	2352784.545									
1000	8707	2352784.545									
1000	8708	2352784.545									
1000	8709	2352784.545									
1000	8710	2352962.664	1730-02-03 03:55:40	0.722281538	1.319418462	0.67364962º	1.214208921º	223.5081147	62.07814759	0.98625216	Umbral
1000	8711	2352962.664									
1000	8712	2352962.664									
1000	8713	2352962.664									
1000	8714	2352962.664									
1000	8715	2352962.664									
1000	8716	2353109.879	1730-06-30 09:05:54	0.759228974	1.282471026	0.784159942º	1.308487044º	232.4970937	55.98534477	1.016784706	Grazing
1000	8717	2353109.879									
1000	8718	2353109.879									
1000	8719	2353109.879									
1000	8720	2353109.879									
1000	8721	2353139.16	1730-07-29 15:50:26	0.757090279	1.284609721	0.776932278º	1.302303326º	231.9412886	56.34751224	1.01476429	Umbral
1000	8722	2353286.874	1730-12-24 08:58:19	0.715391694	1.326308306	0.654097969º	1.196307883º	222.5259937	63.33839379	0.983249779	Penumbral
1000	8723	2353286.874									
1000	8724	2353286.874									
1000	8725	2353286.874									
1000	8726	2353286.874									
1000	8727	2353316.677	1731-01-23 04:14:22	0.714011263	1.327688737	0.649098794º	1.190551366º	222.7494441	63.709436	0.984625073	Penumbral
1000	8728	2353464.576	1731-06-20 01:50:07	0.753524941	1.288175059	0.761280599º	1.285753287º	232.1901717	57.2356693	1.016502461	Umbral
1000	8729	2353464.576									
1000	8730	2353464.576									
1000	8731	2353464.576									
1000	8732	2353493.877	1731-07-19 09:02:50	0.757619482	1.284080518	0.778285534º	1.303043315º	232.2127043	56.2905655	1.01595021	Grazing
1000	8733	2353640.985	1731-12-13 11:38:22	0.728310342	1.313389658	0.69454858º	1.236398786º	223.3571424	60.68982613	0.983902509	Umbral
1000	8734	2353640.985									
1000	8735	2353640.985									
1000	8736	2353640.985									
1000	8737	2353640.985									
1000	8738	2353819.088	1732-06-08 14:06:30	0.739235666	1.302464334	0.709249538º	1.234139639º	231.202558	60.29551156	1.015694099	Total
1000	8739	2353819.088									
1000	8740	2353819.088									
1000	8741	2353819.088									
1000	8742	2353819.088									
1000	8743	2353819.088									
1000	8744	2353995.403	1732-12-01 21:39:48	0.744091594	1.297608406	0.748959932º	1.290166076º	224.5177214	57.4624471	0.985073402	Total
1000	8745	2353995.403									
1000	8746	2353995.403									
1000	8747	2353995.403									
1000	8748	2353995.403									
1000	8749	2353995.403									

1000	8750	2354173.297	1733-05-28 19:08:14	0.725800376	1.315899624	0.665850832º	1.191446702º	230.0945717	63.09759682	1.014330227	Umbral
1000	8751	2354173.297									
1000	8752	2354173.297									
1000	8753	2354173.297									
1000	8754	2354173.297									
1000	8755	2354173.297									
1000	8756	2354350.029	1733-11-21 12:41:08	0.751790865	1.289909135	0.777433556º	1.317714381º	225.2759281	55.92226532	0.986760501	Umbral
1000	8757	2354350.029									
1000	8758	2354350.029									
1000	8759	2354350.029									
1000	8760	2354350.029									
1000	8761	2354497.689	1734-04-18 04:32:23	0.72578421	1.31591579	0.672000913º	1.202289933º	227.9946356	62.5255334	1.005353229	Penumbral
1000	8762	2354497.689									
1000	8763	2354497.689									
1000	8764	2354497.689									
1000	8765	2354497.689									
1000	8766	2354527.318	1734-05-17 19:38:26	0.723487803	1.318212197	0.659875142º	1.186480405º	229.5272732	63.47279014	1.012385966	Penumbral
1000	8767	2354675.214	1734-10-12 17:08:39	0.742171514	1.299528486	0.733775747º	1.268749693º	226.922884	58.51352581	0.996549051	Penumbral
1000	8768	2354675.214									
1000	8769	2354675.214									
1000	8770	2354675.214									
1000	8771	2354675.214									
1000	8772	2354704.674	1734-11-11 04:10:31	0.747068821	1.294631179	0.757558708º	1.29665309º	225.485812	57.03894156	0.988932172	Penumbral
1000	8773	2354851.956	1735-04-07 10:56:40	0.739636548	1.302063452	0.720674604º	1.252600601º	228.0499924	59.38211147	1.002259302	Umbral
1000	8774	2354851.956									
1000	8775	2354851.956									
1000	8776	2354851.956									
1000	8777	2354851.956									
1000	8778	2354881.455	1735-05-06 22:55:51	0.733865431	1.307834569	0.695038679º	1.222878532º	229.5571225	61.09909183	1.010018047	Grazing
1000	8779	2355029.555	1735-10-02 01:19:38	0.727537261	1.314162739	0.681434574º	1.214711539º	226.8129484	61.80396333	0.999720243	Umbral
1000	8780	2355029.555									
1000	8781	2355029.555									
1000	8782	2355029.555									
1000	8783	2355029.555									
1000	8784	2355206.503	1736-03-27 00:04:58	0.751708894	1.289991106	0.767955731º	1.301543127º	227.9929658	56.61526482	0.999138626	Total
1000	8785	2355206.503									
1000	8786	2355206.503									
1000	8787	2355206.503									
1000	8788	2355206.503									
1000	8789	2355383.619	1736-09-20 02:51:08	0.719662156	1.322037844	0.654612377º	1.186168309º	227.0882191	63.66707375	1.002957066	Total
1000	8790	2355383.619									
1000	8791	2355383.619									
1000	8792	2355383.619									
1000	8793	2355383.619									

1000	8794	2355383.619									
1000	8795	2355561.182	1737-03-16 16:21:58	0.753533939	1.288166061	0.77743664º	1.312656978º	227.4140295	56.05656177	0.996090283	Umbral
1000	8796	2355561.182									
1000	8797	2355561.182									
1000	8798	2355561.182									
1000	8799	2355561.182									
1000	8800	2355561.182									
1000	8801	2355708.076	1737-08-10 13:50:01	0.734471863	1.307228137	0.695160423º	1.221517255º	230.2289391	61.13826833	1.012863794	Grazing
1000	8802	2355708.076									
1000	8803	2355708.076									
1000	8804	2355708.076									
1000	8805	2355708.076									
1000	8806	2355737.642	1737-09-09 03:24:03	0.725604425	1.316095575	0.671098385º	1.201028498º	228.10893	62.59787707	1.006034126	Umbral
1000	8807	2355886.27	1738-02-04 18:29:27	0.733478478	1.308221522	0.710154629º	1.250573764º	224.2191922	59.76537709	0.986507959	Penumbral
1000	8808	2355886.27									
1000	8809	2355886.27									
1000	8810	2355886.27									
1000	8811	2355886.27									
1000	8812	2355915.797	1738-03-06 07:07:20	0.743360523	1.298339477	0.740635057º	1.277421264º	226.2170883	58.06263692	0.99318457	Penumbral
1000	8813	2356062.509	1738-07-31 00:13:30	0.749932323	1.291767677	0.748988844º	1.274437297º	231.5323051	57.90522154	1.014614803	Penumbral
1000	8814	2356062.509									
1000	8815	2356062.509									
1000	8816	2356062.509									
1000	8817	2356091.911	1738-08-29 09:51:08	0.7409836	1.3007164	0.720506102º	1.248955996º	229.6772214	59.49639456	1.008852087	Penumbral
1000	8818	2356240.469	1739-01-24 23:14:43	0.718326437	1.323373563	0.662146259º	1.203474822º	223.0046428	62.8202298	0.984850633	Umbral
1000	8819	2356240.469									
1000	8820	2356240.469									
1000	8821	2356240.469									
1000	8822	2356240.469									
1000	8823	2356417.173	1739-07-20 16:08:34	0.758650042	1.283049958	0.782483156º	1.307297323º	232.2588339	56.06242631	1.015841055	Total
1000	8824	2356417.173									
1000	8825	2356417.173									
1000	8826	2356417.173									
1000	8827	2356417.173									
1000	8828	2356417.173									
1000	8829	2356594.44	1740-01-13 22:34:03	0.714198708	1.327501292	0.650226936º	1.192186292º	222.5608836	63.61380191	0.983704353	Total
1000	8830	2356594.44									
1000	8831	2356594.44									
1000	8832	2356594.44									
1000	8833	2356594.44									
1000	8834	2356594.44									
1000	8835	2356771.884	1740-07-09 09:13:17	0.755714433	1.285985567	0.769983214º	1.294425293º	232.294616	56.75288036	1.016561788	Total
1000	8836	2356771.884									
1000	8837	2356771.884									

1000	8838	2356771.884									
1000	8839	2356771.884									
1000	8840	2356771.884									
1000	8841	2356948.491	1741-01-01 23:47:03	0.724372124	1.317327876	0.682075839º	1.224327576º	223.0085188	61.4732565	0.983173941	Umbral
1000	8842	2356948.491									
1000	8843	2356948.491									
1000	8844	2356948.491									
1000	8845	2356948.491									
1000	8846	2357096.992	1741-05-30 11:48:39	0.734595445	1.307104555	0.69423099º	1.219719679º	230.6642268	61.22533583	1.014537113	Grazing
1000	8847	2357096.992									
1000	8848	2357096.992									
1000	8849	2357096.992									
1000	8850	2357096.992									
1000	8851	2357126.45	1741-06-28 22:48:06	0.742955526	1.298744474	0.72157574º	1.24590909º	231.6678866	59.55518799	1.01677259	Penumbral
1000	8852	2357273.347	1741-11-22 20:19:57	0.747733441	1.293966559	0.761775371º	1.302152661º	225.0141499	56.77013138	0.98658435	Penumbral
1000	8853	2357273.347									
1000	8854	2357273.347									
1000	8855	2357273.347									
1000	8856	2357273.347									
1000	8857	2357302.837	1741-12-22 08:05:53	0.740380225	1.301319775	0.736515107º	1.278692115º	223.9427799	58.14634095	0.983309455	Penumbral
1000	8858	2357451.124	1742-05-19 14:59:15	0.723372118	1.318327882	0.659357318º	1.185799718º	229.5805329	63.51407148	1.012699162	Umbral
1000	8859	2357451.124									
1000	8860	2357451.124									
1000	8861	2357451.124									
1000	8862	2357451.124									
1000	8863	2357480.727	1742-06-18 05:27:30	0.728640195	1.313059805	0.673312819º	1.197843136º	230.774667	62.62878615	1.016390779	Grazing
1000	8864	2357628.001	1742-11-12 12:01:13	0.752012762	1.289687238	0.776966674º	1.316192476º	225.691223	55.97526082	0.98869115	Umbral
1000	8865	2357628.001									
1000	8866	2357628.001									
1000	8867	2357628.001									
1000	8868	2357628.001									
1000	8869	2357805.144	1743-05-08 15:26:52	0.724958858	1.316741142	0.665891224º	1.19354244º	229.1286816	63.02556592	1.010379132	Total
1000	8870	2357805.144									
1000	8871	2357805.144									
1000	8872	2357805.144									
1000	8873	2357805.144									
1000	8874	2357982.62	1743-11-02 02:52:12	0.744080167	1.297619833	0.744666362º	1.282549648º	225.8266894	57.79996575	0.991158847	Total
1000	8875	2357982.62									
1000	8876	2357982.62									
1000	8877	2357982.62									
1000	8878	2357982.62									
1000	8879	2357982.62									
1000	8880	2358159.353	1744-04-26 20:28:34	0.737593663	1.304106337	0.709491066º	1.238530011º	229.2126227	60.15297601	1.007728795	Umbral
1000	8881	2358159.353									

1000	8882	2358159.353									
1000	8883	2358159.353									
1000	8884	2358159.353									
1000	8885	2358159.353									
1000	8886	2358337.019	1744-10-21 12:26:45	0.729332802	1.312367198	0.691161577º	1.227521229º	225.6319346	61.07713439	0.993974426	Umbral
1000	8887	2358337.019									
1000	8888	2358337.019									
1000	8889	2358337.019									
1000	8890	2358337.019									
1000	8891	2358337.019									
1000	8892	2358484.484	1745-03-17 23:37:03	0.753042161	1.288657839	0.775334143º	1.310342223º	227.4428501	56.17549772	0.996485469	Penumbral
1000	8893	2358484.484									
1000	8894	2358484.484									
1000	8895	2358484.484									
1000	8896	2358484.484									
1000	8897	2358513.857	1745-04-16 08:34:27	0.750935594	1.290764406	0.760563684º	1.291100124º	229.2627375	57.10776266	1.004884373	Penumbral
1000	8898	2358661.419	1745-09-10 22:03:07	0.720451847	1.321248153	0.655250844º	1.185436146º	227.7397661	63.66988901	1.005549901	Penumbral
1000	8899	2358661.419									
1000	8900	2358661.419									
1000	8901	2358661.419									
1000	8902	2358691.123	1745-10-10 14:57:27	0.718802395	1.322897605	0.655721312º	1.190413585º	225.7390449	63.48294038	0.997074025	Penumbral
1000	8903	2358839.161	1746-03-07 15:51:59	0.751312162	1.290387838	0.770532194º	1.307107178º	226.7381463	56.3936812	0.993575537	Umbral
1000	8904	2358839.161									
1000	8905	2358839.161									
1000	8906	2358839.161									
1000	8907	2358839.161									
1000	8908	2359015.492	1746-08-30 23:48:57	0.729946987	1.311753013	0.683363078º	1.212010594º	228.9251567	61.82783171	1.008474952	Umbral
1000	8909	2359015.492									
1000	8910	2359015.492									
1000	8911	2359015.492									
1000	8912	2359015.492									
1000	8913	2359015.492									
1000	8914	2359193.721	1747-02-25 05:17:33	0.73841297	1.30328703	0.724465419º	1.262552098º	225.415865	58.9721278	0.990784197	Total
1000	8915	2359193.721									
1000	8916	2359193.721									
1000	8917	2359193.721									
1000	8918	2359193.721									
1000	8919	2359193.721									
1000	8920	2359369.852	1747-08-20 08:26:53	0.745880779	1.295819221	0.736579834º	1.263890262º	230.4641294	58.57173268	1.011032116	Total
1000	8921	2359369.852									
1000	8922	2359369.852									
1000	8923	2359369.852									
1000	8924	2359369.852									
1000	8925	2359547.999	1748-02-14 11:58:13	0.722157195	1.319542805	0.671981587º	1.211452325º	223.9331764	62.22402507	0.988242253	Umbral

1000	8926	2359547.999									
1000	8927	2359547.999									
1000	8928	2359547.999									
1000	8929	2359547.999									
1000	8930	2359547.999									
1000	8931	2359695.19	1748-07-10 16:34:15	0.759149492	1.282550508	0.784068022º	1.308520743º	232.426981	55.98693659	1.016541162	Grazing
1000	8932	2359695.19									
1000	8933	2359695.19									
1000	8934	2359695.19									
1000	8935	2359695.19									
1000	8936	2359724.475	1748-08-08 23:23:31	0.757024044	1.284675956	0.778054573º	1.304268527º	231.5342726	56.26398912	1.013138806	Umbral
1000	8937	2359872.211	1749-01-03 17:03:28	0.715780598	1.325919402	0.655254922º	1.19749942º	222.5472724	63.25791061	0.983187068	Penumbral
1000	8938	2359872.211									
1000	8939	2359872.211									
1000	8940	2359872.211									
1000	8941	2359872.211									
1000	8942	2359902.007	1749-02-02 12:09:31	0.714450598	1.327249402	0.649467099º	1.190104289º	223.1008193	63.71191275	0.986110071	Penumbral
1000	8943	2360049.882	1749-06-30 09:09:38	0.752892613	1.288807387	0.758624741º	1.282934268º	232.2184822	57.38946219	1.016818788	Umbral
1000	8944	2360049.882									
1000	8945	2360049.882									
1000	8946	2360049.882									
1000	8947	2360049.882									
1000	8948	2360079.189	1749-07-29 16:31:45	0.756929916	1.284770084	0.776502752º	1.301856523º	231.8862271	56.37131901	1.014797661	Penumbral
1000	8949	2360226.335	1749-12-23 20:02:58	0.728975253	1.312724747	0.697110149º	1.239316449º	223.2702215	60.51777844	0.983256332	Umbral
1000	8950	2360226.335									
1000	8951	2360226.335									
1000	8952	2360226.335									
1000	8953	2360404.377	1750-06-19 21:03:06	0.738514752	1.303185248	0.706133166º	1.230612861º	231.3576085	60.50270523	1.016488881	Total
1000	8954	2360404.377									
1000	8955	2360404.377									
1000	8956	2360404.377									
1000	8957	2360404.377									
1000	8958	2360404.377									
1000	8959	2360580.765	1750-12-13 06:22:05	0.744434386	1.297265614	0.751074633º	1.292910299º	224.2836922	57.32569282	0.983928913	Total
1000	8960	2360580.765									
1000	8961	2360580.765									
1000	8962	2360580.765									
1000	8963	2360580.765									
1000	8964	2360580.765									
1000	8965	2360758.571	1751-06-09 01:42:04	0.725714327	1.315985673	0.664587592º	1.189526225º	230.4176786	63.20600929	1.015600195	Umbral
1000	8966	2360758.571									
1000	8967	2360758.571									
1000	8968	2360758.571									
1000	8969	2360758.571									

1000	8970	2360758.571									
1000	8971	2360935.394	1751-12-02 21:27:02	0.751424078	1.290275922	0.77722754°	1.318415011°	224.8912011	55.90925811	0.985107391	Umbral
1000	8972	2360935.394									
1000	8973	2360935.394									
1000	8974	2360935.394									
1000	8975	2360935.394									
1000	8976	2360935.394									
1000	8977	2361082.983	1752-04-28 11:35:00	0.727322623	1.314377377	0.674976576°	1.203823718°	228.7275116	62.37464839	1.008094277	Penumbral
1000	8978	2361082.983									
1000	8979	2361082.983									
1000	8980	2361082.983									
1000	8981	2361112.593	1752-05-28 02:13:52	0.72441705	1.31728295	0.661474311°	1.187147699°	230.0170167	63.39448183	1.01418065	Penumbral
1000	8982	2361260.551	1752-10-23 01:13:37	0.740570091	1.301129909	0.730083178°	1.26663122°	226.1818316	58.68464202	0.993625428	Penumbral
1000	8983	2361260.551									
1000	8984	2361260.551									
1000	8985	2361260.551									
1000	8986	2361260.551									
1000	8987	2361290.031	1752-11-21 12:44:15	0.74594492	1.29575508	0.754813588°	1.2950716°	224.9645238	57.15990557	0.986802168	Penumbral
1000	8988	2361437.273	1753-04-17 18:33:12	0.741351732	1.300348268	0.724613546°	1.254963213°	228.8279027	59.19220327	1.005238263	Umbral
1000	8989	2361437.273									
1000	8990	2361437.273									
1000	8991	2361437.273									
1000	8992	2361437.273									
1000	8993	2361466.75	1753-05-17 05:59:26	0.73543414	1.30626586	0.698694556°	1.225356038°	230.1788772	60.90351068	1.012277897	Grazing
1000	8994	2361614.869	1753-10-12 08:51:39	0.725872871	1.315827129	0.678113537°	1.213042083°	226.0341768	61.96795716	0.996633628	Umbral
1000	8995	2361614.869									
1000	8996	2361614.869									
1000	8997	2361614.869									
1000	8998	2361614.869									
1000	8999	2361791.839	1754-04-07 08:08:08	0.7529472	1.2887528	0.770504008°	1.302428944°	228.7534771	56.52084816	1.002261301	Total
1000	9000	2361791.839									
1000	9001	2361791.839									
1000	9002	2361791.839									
1000	9003	2361791.839									
1000	9004	2361791.839									
1000	9005	2361968.916	1754-10-01 09:58:38	0.718624943	1.323075057	0.653458551°	1.186670506°	226.3333526	63.69020188	0.999842131	Total
1000	9006	2361968.916									
1000	9007	2361968.916									
1000	9008	2361968.916									
1000	9009	2361968.916									
1000	9010	2362146.525	1755-03-28 00:36:40	0.754059537	1.287640463	0.777195455°	1.310761521°	228.132154	56.11364712	0.999178568	Umbral
1000	9011	2362146.525									
1000	9012	2362146.525									
1000	9013	2362146.525									

1000	9014	2362146.525									
1000	9015	2362146.525									
1000	9016	2362293.37	1755-08-21 20:52:42	0.734747872	1.306952128	0.697680467º	1.225173689º	229.7275075	60.94173882	1.01068176	Grazing
1000	9017	2362293.37									
1000	9018	2362293.37									
1000	9019	2362293.37									
1000	9020	2362293.37									
1000	9021	2362322.94	1755-09-20 10:33:42	0.725399381	1.316300619	0.672481842º	1.203969578º	227.4136093	62.45372566	1.003085756	Umbral
1000	9022	2362471.617	1756-02-16 02:48:25	0.733185546	1.308514454	0.707781746º	1.247050146º	224.6491947	59.94576808	0.988613051	Penumbral
1000	9023	2362471.617									
1000	9024	2362471.617									
1000	9025	2362471.617									
1000	9026	2362471.617									
1000	9027	2362501.137	1756-03-16 15:17:59	0.743348474	1.298351526	0.738476373º	1.273678238º	226.8700045	58.23291571	0.996124663	Penumbral
1000	9028	2362647.817	1756-08-10 07:36:53	0.750258616	1.291441384	0.751597475º	1.277940994º	231.1357743	57.73066655	1.012889413	Penumbral
1000	9029	2362647.817									
1000	9030	2362647.817									
1000	9031	2362647.817									
1000	9032	2362647.817									
1000	9033	2362677.222	1756-09-08 17:19:18	0.741143147	1.300556853	0.723107233º	1.252991481º	229.046488	59.296503	1.006121204	Penumbral
1000	9034	2362825.803	1757-02-04 07:16:23	0.718248726	1.323451274	0.660926469º	1.201377482º	223.3403745	62.93214184	0.98644977	Umbral
1000	9035	2362825.803									
1000	9036	2362825.803									
1000	9037	2362825.803									
1000	9038	2363002.486	1757-07-30 23:40:13	0.758487296	1.283212704	0.782868019º	1.308316476º	231.9467614	56.02485915	1.014614794	Umbral
1000	9039	2363002.486									
1000	9040	2363002.486									
1000	9041	2363002.486									
1000	9042	2363002.486									
1000	9043	2363002.486									
1000	9044	2363179.773	1758-01-24 06:33:47	0.714728378	1.326971622	0.651157802º	1.192542206º	222.8174126	63.56910656	0.984749051	Total
1000	9045	2363179.773									
1000	9046	2363179.773									
1000	9047	2363179.773									
1000	9048	2363179.773									
1000	9049	2363179.773									
1000	9050	2363357.192	1758-07-20 16:37:07	0.754946646	1.286753354	0.76755829º	1.292379305º	232.0710546	56.87642733	1.015827802	Total
1000	9051	2363357.192									
1000	9052	2363357.192									
1000	9053	2363357.192									
1000	9054	2363357.192									
1000	9055	2363357.192									
1000	9056	2363533.838	1759-01-13 08:06:16	0.725290363	1.316409637	0.684704193º	1.226692143º	223.1675687	61.31219683	0.983652455	Umbral
1000	9057	2363533.838									

1000	9058	2363533.838									
1000	9059	2363533.838									
1000	9060	2363533.838									
1000	9061	2363533.838									
1000	9062	2363682.278	1759-06-10 18:39:39	0.734074028	1.307625972	0.691532736º	1.216374065º	230.9424297	61.41956638	1.015788483	Grazing
1000	9063	2363682.278									
1000	9064	2363682.278									
1000	9065	2363682.278									
1000	9066	2363711.742	1759-07-10 05:49:05	0.741937288	1.299762712	0.718111442º	1.242552352º	231.5587806	59.76289455	1.016564054	Penumbral
1000	9067	2363858.71	1759-12-04 05:02:28	0.747823886	1.293876114	0.763292848º	1.304579194º	224.6653527	56.6618351	0.984927444	Penumbral
1000	9068	2363858.71									
1000	9069	2363858.71									
1000	9070	2363858.71									
1000	9071	2363858.71									
1000	9072	2363888.2	1760-01-02 16:47:31	0.741082476	1.300617524	0.739128759º	1.281389602º	223.9584579	57.99315922	0.983157432	Penumbral
1000	9073	2364036.398	1760-05-29 21:33:01	0.723652595	1.318047405	0.658976317º	1.184497666º	230.0228683	63.57191457	1.014474062	Umbral
1000	9074	2364036.398									
1000	9075	2364036.398									
1000	9076	2364036.398									
1000	9077	2364036.398									
1000	9078	2364066.001	1760-06-28 12:01:08	0.728087607	1.313612393	0.671281812º	1.195603432º	230.8337189	62.77234859	1.016795336	Grazing
1000	9079	2364213.363	1760-11-22 20:42:06	0.75135261	1.29034739	0.775872448º	1.316251723º	225.2048104	56.00329677	0.986580726	Umbral
1000	9080	2364213.363									
1000	9081	2364213.363									
1000	9082	2364213.363									
1000	9083	2364213.363									
1000	9084	2364390.425	1761-05-18 22:11:42	0.726206244	1.315493756	0.668291675º	1.194789241º	229.7194298	62.9015184	1.012593052	Total
1000	9085	2364390.425									
1000	9086	2364390.425									
1000	9087	2364390.425									
1000	9088	2364390.425									
1000	9089	2364390.425									
1000	9090	2364567.969	1761-11-12 11:15:46	0.742719673	1.298980327	0.741380261º	1.2806153º	225.2153913	57.94989821	0.988674213	Total
1000	9091	2364567.969									
1000	9092	2364567.969									
1000	9093	2364567.969									
1000	9094	2364567.969									
1000	9095	2364744.657	1762-05-08 03:45:30	0.73925231	1.30244769	0.713386077º	1.241090414º	229.9053303	59.95344927	1.010277422	Umbral
1000	9096	2364744.657									
1000	9097	2364744.657									
1000	9098	2364744.657									
1000	9099	2364744.657									
1000	9100	2364744.657									
1000	9101	2364922.347	1762-11-01 20:20:11	0.727717707	1.313982293	0.687703366º	1.225560772º	224.9321471	61.2509816	0.991206538	Umbral

1000	9102	2364922.347									
1000	9103	2364922.347									
1000	9104	2364922.347									
1000	9105	2364922.347									
1000	9106	2364922.347									
1000	9107	2365069.826	1763-03-29 07:49:36	0.754072402	1.287627598	0.777103699º	1.31048772º	228.1839547	56.12345031	0.999519591	Penumbral
1000	9108	2365069.826									
1000	9109	2365069.826									
1000	9110	2365069.826									
1000	9111	2365069.826									
1000	9112	2365099.181	1763-04-27 16:20:25	0.752280396	1.289419604	0.763592251º	1.292668758º	229.9891706	56.9794279	1.00765725	Penumbral
1000	9113	2365246.71	1763-09-22 05:03:03	0.719682535	1.322017465	0.654907657º	1.186633802º	227.0108417	63.64075829	1.002636005	Penumbral
1000	9114	2365246.71									
1000	9115	2365246.71									
1000	9116	2365246.71									
1000	9117	2365246.71									
1000	9118	2365424.508	1764-03-18 00:11:40	0.751631341	1.290068659	0.769543528º	1.304547461º	227.4173156	56.48998702	0.996493194	Umbral
1000	9119	2365424.508									
1000	9120	2365424.508									
1000	9121	2365424.508									
1000	9122	2365424.508									
1000	9123	2365453.867	1764-04-16 08:48:54	0.756147083	1.285552917	0.781262713º	1.311809038º	229.5183745	55.97547988	1.00486565	Grazing
1000	9124	2365600.791	1764-09-10 06:58:26	0.729953296	1.311746704	0.685357735º	1.215442911º	228.2767339	61.65129998	1.005739834	Umbral
1000	9125	2365600.791									
1000	9126	2365600.791									
1000	9127	2365600.791									
1000	9128	2365600.791									
1000	9129	2365779.062	1765-03-07 13:29:04	0.738296342	1.303403658	0.722154865º	1.258749439º	226.0110039	59.15414722	0.993539264	Total
1000	9130	2365779.062									
1000	9131	2365779.062									
1000	9132	2365779.062									
1000	9133	2365779.062									
1000	9134	2365779.062									
1000	9135	2365955.164	1765-08-30 15:55:49	0.746071504	1.295628496	0.739173166º	1.267789432º	229.8906001	58.3821643	1.008534569	Total
1000	9136	2365955.164									
1000	9137	2365955.164									
1000	9138	2365955.164									
1000	9139	2365955.164									
1000	9140	2365955.164									
1000	9141	2366133.329	1766-02-24 19:53:06	0.722170443	1.319529557	0.670502614º	1.208625571º	224.4569122	62.36655462	0.990717403	Umbral
1000	9142	2366133.329									
1000	9143	2366133.329									
1000	9144	2366133.329									
1000	9145	2366133.329									

1000	9146	2366280.503	1766-07-22 00:03:52	0.758886069	1.282813931	0.783648279º	1.308544114º	232.217601	55.99767516	1.015683004	Grazing
1000	9147	2366280.503									
1000	9148	2366280.503									
1000	9149	2366280.503									
1000	9150	2366280.503									
1000	9151	2366309.793	1766-08-20 07:01:45	0.756804572	1.284895428	0.77887318º	1.306214909º	231.0189708	56.18949234	1.010972106	Umbral
1000	9152	2366457.548	1767-01-15 01:08:25	0.716373798	1.325326202	0.656711676º	1.19861409º	222.7023889	63.16990334	0.98380772	Penumbral
1000	9153	2366457.548									
1000	9154	2366457.548									
1000	9155	2366457.548									
1000	9156	2366457.548									
1000	9157	2366487.333	1767-02-13 19:59:16	0.715073662	1.326626338	0.650119903º	1.1896272º	223.5659981	63.70545369	0.988175287	Penumbral
1000	9158	2366635.186	1767-07-11 16:27:56	0.752082745	1.289617255	0.755710492º	1.280191119º	232.1048858	57.54934084	1.016487073	Penumbral
1000	9159	2366635.186									
1000	9160	2366635.186									
1000	9161	2366635.186									
1000	9162	2366635.186									
1000	9163	2366664.502	1767-08-10 00:03:30	0.756076393	1.285623607	0.774432524º	1.300684513º	231.4376968	56.45981396	1.013065582	Penumbral
1000	9164	2366811.687	1768-01-04 04:29:32	0.729801476	1.311898524	0.699858926º	1.242086708º	223.3147697	60.34536844	0.983217376	Umbral
1000	9165	2366811.687									
1000	9166	2366811.687									
1000	9167	2366811.687									
1000	9168	2366811.687									
1000	9169	2366989.664	1768-06-30 03:56:24	0.737644363	1.304055637	0.702935578º	1.227256988º	231.3748536	60.70857276	1.016795742	Total
1000	9170	2366989.664									
1000	9171	2366989.664									
1000	9172	2366989.664									
1000	9173	2366989.664									
1000	9174	2367166.13	1768-12-23 15:07:26	0.744890421	1.296809579	0.753208747º	1.295415015º	224.1749149	57.19568034	0.983256389	Total
1000	9175	2367166.13									
1000	9176	2367166.13									
1000	9177	2367166.13									
1000	9178	2367166.13									
1000	9179	2367166.13									
1000	9180	2367343.842	1769-06-19 08:11:52	0.725517231	1.316182769	0.663371304º	1.187851078º	230.6123077	63.30483547	1.016488727	Total
1000	9181	2367343.842									
1000	9182	2367343.842									
1000	9183	2367343.842									
1000	9184	2367343.842									
1000	9185	2367343.842									
1000	9186	2367520.762	1769-12-13 06:16:49	0.75114666	1.29055334	0.776972672º	1.318834494º	224.6234786	55.9050214	0.983881418	Umbral
1000	9187	2367520.762									
1000	9188	2367520.762									
1000	9189	2367520.762									

1000	9190	2367520.762									
1000	9191	2367520.762									
1000	9192	2367668.272	1770-05-09 18:31:43	0.728818869	1.312881131	0.678043115º	1.205556068º	229.4004724	62.21493717	1.010643957	Grazing
1000	9193	2367668.272									
1000	9194	2367668.272									
1000	9195	2367668.272									
1000	9196	2367668.272									
1000	9197	2367697.865	1770-06-08 08:45:46	0.72525405	1.31644595	0.663133986º	1.18808667º	230.3921646	63.30504262	1.015573011	Penumbral
1000	9198	2367845.893	1770-11-03 09:25:19	0.739020984	1.302679016	0.726435207º	1.264491733º	225.4961641	58.85604556	0.99083972	Penumbral
1000	9199	2367845.893									
1000	9200	2367845.893									
1000	9201	2367845.893									
1000	9202	2367875.391	1770-12-02 21:22:38	0.744912809	1.296787191	0.752099616º	1.293303307º	224.547516	57.28569713	0.985077867	Penumbral
1000	9203	2368022.586	1771-04-29 02:03:39	0.743017606	1.298682394	0.728531702º	1.257416655º	229.5688533	59.00145048	1.008022209	Umbral
1000	9204	2368022.586									
1000	9205	2368022.586									
1000	9206	2368022.586									
1000	9207	2368022.586									
1000	9208	2368052.041	1771-05-28 12:59:26	0.736903275	1.304796725	0.702329837º	1.228038724º	230.7035698	60.70342378	1.014112165	Grazing
1000	9209	2368200.188	1771-10-23 16:31:04	0.724273688	1.317426312	0.674963257º	1.211461101º	225.2901041	62.12423912	0.993718396	Umbral
1000	9210	2368200.188									
1000	9211	2368200.188									
1000	9212	2368200.188									
1000	9213	2368200.188									
1000	9214	2368377.17	1772-04-17 16:04:18	0.754135461	1.287564539	0.772890363º	1.303259983º	229.5003319	56.43267535	1.005200444	Total
1000	9215	2368377.17									
1000	9216	2368377.17									
1000	9217	2368377.17									
1000	9218	2368377.17									
1000	9219	2368377.17									
1000	9220	2368554.219	1772-10-11 17:15:04	0.717641645	1.324058355	0.652478225º	1.187303027º	225.5897521	63.70278434	0.996826952	Total
1000	9221	2368554.219									
1000	9222	2368554.219									
1000	9223	2368554.219									
1000	9224	2368554.219									
1000	9225	2368554.219									
1000	9226	2368731.863	1773-04-07 08:43:20	0.754552565	1.287147435	0.776775821º	1.308708244º	228.8604699	56.17993127	1.002247193	Umbral
1000	9227	2368731.863									
1000	9228	2368731.863									
1000	9229	2368731.863									
1000	9230	2368731.863									
1000	9231	2368908.245	1773-09-30 17:53:19	0.725194728	1.316505272	0.673913581º	1.207021347º	226.7029148	62.30497609	1.000037538	Umbral
1000	9232	2368908.245									
1000	9233	2368908.245									

1000	9234	2368908.245									
1000	9235	2368908.245									
1000	9236	2368908.245									
1000	9237	2369056.958	1774-02-26 10:59:48	0.732993664	1.308706336	0.705482786º	1.243400637º	225.1733334	60.12880226	0.991095157	Penumbral
1000	9238	2369056.958									
1000	9239	2369056.958									
1000	9240	2369056.958									
1000	9241	2369056.958									
1000	9242	2369086.472	1774-03-27 23:19:34	0.743347551	1.298352449	0.736248942º	1.269813174º	227.558265	58.40974962	0.999182001	Penumbral
1000	9243	2369233.129	1774-08-21 15:06:28	0.750442169	1.291257831	0.7539912º	1.281464981º	230.6327894	57.56273752	1.01071901	Penumbral
1000	9244	2369233.129									
1000	9245	2369233.129									
1000	9246	2369233.129									
1000	9247	2369233.129									
1000	9248	2369262.539	1774-09-20 00:56:34	0.741234751	1.300465249	0.725603065º	1.257040631º	228.3708863	59.10072062	1.003180451	Penumbral
1000	9249	2369411.133	1775-02-15 15:11:40	0.718337762	1.323362238	0.659931141º	1.199231715º	223.7882028	63.03838394	0.988554071	Umbral
1000	9250	2369411.133									
1000	9251	2369411.133									
1000	9252	2369411.133									
1000	9253	2369411.133									
1000	9254	2369587.803	1775-08-11 07:15:40	0.7581577	1.2835423	0.782944124º	1.309306869º	231.5132318	55.99646249	1.012852415	Umbral
1000	9255	2369587.803									
1000	9256	2369587.803									
1000	9257	2369587.803									
1000	9258	2369587.803									
1000	9259	2369765.104	1776-02-04 14:29:50	0.715453261	1.326246739	0.652365351º	1.192874211º	223.1971531	63.51565452	0.986344198	Total
1000	9260	2369765.104									
1000	9261	2369765.104									
1000	9262	2369765.104									
1000	9263	2369765.104									
1000	9264	2369765.104									
1000	9265	2369942.502	1776-07-31 00:02:26	0.754008376	1.287691624	0.764890894º	1.290357235º	231.7153788	57.00665602	1.014580263	Total
1000	9266	2369942.502									
1000	9267	2369942.502									
1000	9268	2369942.502									
1000	9269	2369942.502									
1000	9270	2369942.502									
1000	9271	2370119.184	1777-01-23 16:24:18	0.72637962	1.31532038	0.687548931º	1.228967979º	223.4550903	61.14780666	0.984686039	Umbral
1000	9272	2370119.184									
1000	9273	2370119.184									
1000	9274	2370119.184									
1000	9275	2370119.184									
1000	9276	2370119.184									
1000	9277	2370267.56	1777-06-21 01:26:08	0.733418556	1.308281444	0.688782597º	1.21323137º	231.0897977	61.61020428	1.016548813	Grazing

1000	9278	2370267.56									
1000	9279	2370267.56									
1000	9280	2370267.56									
1000	9281	2370267.56									
1000	9282	2370297.034	1777-07-20 12:49:26	0.740764292	1.300935708	0.714537299º	1.23936117º	231.3116606	59.97041855	1.015822273	Umbral
1000	9283	2370444.076	1777-12-14 13:49:10	0.748011173	1.293688827	0.764814907º	1.306715866º	224.4348357	56.56168385	0.98381036	Penumbral
1000	9284	2370444.076									
1000	9285	2370444.076									
1000	9286	2370444.076									
1000	9287	2370473.562	1778-01-13 01:29:23	0.741913741	1.299786259	0.741856136º	1.283839603º	224.1037683	57.84451649	0.983660591	Penumbral
1000	9288	2370621.668	1778-06-10 04:02:01	0.723838602	1.317861398	0.658622531º	1.183486954º	230.3480016	63.61891537	1.01574379	Penumbral
1000	9289	2370621.668									
1000	9290	2370621.668									
1000	9291	2370621.668									
1000	9292	2370621.668									
1000	9293	2370651.273	1778-07-09 18:33:09	0.727408684	1.314291316	0.669227733º	1.193665266º	230.7537226	62.90724284	1.0165706	Grazing
1000	9294	2370798.728	1778-12-04 05:27:50	0.750771484	1.290928516	0.774752132º	1.31603253º	224.8249135	56.03947855	0.98493827	Umbral
1000	9295	2370798.728									
1000	9296	2370798.728									
1000	9297	2370798.728									
1000	9298	2370798.728									
1000	9299	2370975.703	1779-05-30 04:52:23	0.727372628	1.314327372	0.67072731º	1.196312647º	230.210664	62.76752276	1.014350555	Total
1000	9300	2370975.703									
1000	9301	2370975.703									
1000	9302	2370975.703									
1000	9303	2370975.703									
1000	9304	2370975.703									
1000	9305	2371153.323	1779-11-23 19:44:49	0.741444956	1.300255044	0.73816421º	1.27854624º	224.6950673	58.10242396	0.986575698	Total
1000	9306	2371153.323									
1000	9307	2371153.323									
1000	9308	2371153.323									
1000	9309	2371153.323									
1000	9310	2371153.323									
1000	9311	2371329.957	1780-05-18 10:57:57	0.740821277	1.300878723	0.717251557º	1.243799988º	230.5182976	59.75163762	1.012495235	Umbral
1000	9312	2371329.957									
1000	9313	2371329.957									
1000	9314	2371329.957									
1000	9315	2371329.957									
1000	9316	2371507.681	1780-11-12 04:20:02	0.726208411	1.315491589	0.6844097º	1.22363646º	224.3070898	61.41930665	0.988689391	Umbral
1000	9317	2371507.681									
1000	9318	2371507.681									
1000	9319	2371507.681									
1000	9320	2371507.681									
1000	9321	2371507.681									

1000	9322	2371655.163	1781-04-08 15:54:44	0.755071404	1.286628596	0.778750315º	1.310478532º	228.9329515	56.078959	1.002632098	Penumbral
1000	9323	2371655.163									
1000	9324	2371655.163									
1000	9325	2371655.163									
1000	9326	2371655.163									
1000	9327	2371684.5	1781-05-08 00:00:38	0.753530932	1.288169068	0.766494887º	1.294195001º	230.6565994	56.85634402	1.010285509	Penumbral
1000	9328	2371832.008	1781-10-02 12:12:11	0.718938024	1.322761976	0.654653857º	1.188028581º	226.2708066	63.60177217	0.999537012	Grazing
1000	9329	2371832.008									
1000	9330	2371832.008									
1000	9331	2371832.008									
1000	9332	2371832.008									
1000	9333	2371861.748	1781-11-01 05:57:08	0.716544333	1.325155667	0.652544174º	1.190343051º	224.3400196	63.59608362	0.991314413	Penumbral
1000	9334	2372009.849	1782-03-29 08:23:06	0.751943234	1.289756766	0.768438409º	1.301785734º	228.1279517	56.59532541	0.99958836	Umbral
1000	9335	2372009.849									
1000	9336	2372009.849									
1000	9337	2372009.849									
1000	9338	2372009.849									
1000	9339	2372039.196	1782-04-27 16:42:11	0.756740784	1.284959216	0.78141823º	1.310458379º	230.2087736	56.00716196	1.0077265	Grazing
1000	9340	2372186.095	1782-09-21 14:17:30	0.72992348	1.31177652	0.687336921º	1.218991942º	227.5895824	61.47253965	1.002770136	Umbral
1000	9341	2372186.095									
1000	9342	2372186.095									
1000	9343	2372186.095									
1000	9344	2372364.397	1783-03-18 21:31:34	0.738224872	1.303475128	0.719831818º	1.254839089º	226.662738	59.34088777	0.996486976	Total
1000	9345	2372364.397									
1000	9346	2372364.397									
1000	9347	2372364.397									
1000	9348	2372364.397									
1000	9349	2372364.397									
1000	9350	2372540.481	1783-09-10 23:32:54	0.746163507	1.295536493	0.741624077º	1.271673326º	229.2499787	58.19842152	1.005808005	Total
1000	9351	2372540.481									
1000	9352	2372540.481									
1000	9353	2372540.481									
1000	9354	2372540.481									
1000	9355	2372540.481									
1000	9356	2372718.652	1784-03-07 03:39:18	0.722300238	1.319399762	0.669141733º	1.205810006º	225.0617943	62.50538498	0.993402824	Umbral
1000	9357	2372718.652									
1000	9358	2372718.652									
1000	9359	2372718.652									
1000	9360	2372718.652									
1000	9361	2372718.652									
1000	9362	2372865.817	1784-08-01 07:35:53	0.758446376	1.283253624	0.782958482º	1.308503385º	231.8767378	56.01743643	1.014428596	Grazing
1000	9363	2372865.817									
1000	9364	2372865.817									
1000	9365	2372865.817									

1000	9366	2372865.817									
1000	9367	2373042.883	1785-01-25 09:11:25	0.717165039	1.324534961	0.658405433º	1.199722514º	222.9870212	63.07421075	0.984871522	Penumbral
1000	9368	2373042.883									
1000	9369	2373042.883									
1000	9370	2373042.883									
1000	9371	2373042.883									
1000	9372	2373072.654	1785-02-24 03:42:22	0.715861468	1.325838532	0.650980254º	1.189207795º	224.1305422	63.68974351	0.990524893	Penumbral
1000	9373	2373220.49	1785-07-21 23:46:14	0.751100255	1.290599745	0.752605737º	1.277483292º	231.852731	57.71459314	1.015718377	Penumbral
1000	9374	2373220.49									
1000	9375	2373220.49									
1000	9376	2373220.49									
1000	9377	2373220.49									
1000	9378	2373249.819	1785-08-20 07:39:06	0.755075509	1.286624491	0.772143694º	1.299478126º	230.882906	56.55555407	1.010986094	Penumbral
1000	9379	2373397.039	1786-01-14 12:56:21	0.730787923	1.310912077	0.702796013º	1.244716614º	223.4902968	60.17235983	0.983774703	Umbral
1000	9380	2373397.039									
1000	9381	2373397.039									
1000	9382	2373397.039									
1000	9383	2373397.039									
1000	9384	2373574.95	1786-07-11 10:47:44	0.736625233	1.305074767	0.699643623º	1.224116669º	231.252383	60.91208937	1.016501767	Total
1000	9385	2373574.95									
1000	9386	2373574.95									
1000	9387	2373574.95									
1000	9388	2373574.95									
1000	9389	2373574.95									
1000	9390	2373751.496	1787-01-03 23:54:13	0.745464471	1.296235529	0.755417876º	1.297628108º	224.195289	57.07219783	0.983249201	Total
1000	9391	2373751.496									
1000	9392	2373751.496									
1000	9393	2373751.496									
1000	9394	2373751.496									
1000	9395	2373929.111	1787-06-30 14:39:09	0.725202618	1.316497382	0.662143511º	1.186496688º	230.6707644	63.39344224	1.016734142	Total
1000	9396	2373929.111									
1000	9397	2373929.111									
1000	9398	2373929.111									
1000	9399	2373929.111									
1000	9400	2373929.111									
1000	9401	2374106.131	1787-12-24 15:08:59	0.750968598	1.290731402	0.776727853º	1.318914687º	224.4808705	55.90950233	0.983291634	Umbral
1000	9402	2374106.131									
1000	9403	2374106.131									
1000	9404	2374106.131									
1000	9405	2374106.131									
1000	9406	2374106.131									
1000	9407	2374253.558	1788-05-20 01:23:36	0.730246228	1.311453772	0.681130165º	1.207546536º	229.9914121	62.04693585	1.012749237	Grazing
1000	9408	2374253.558									
1000	9409	2374253.558									

1000	9410	2374253.558									
1000	9411	2374253.558									
1000	9412	2374283.136	1788-06-18 15:15:38	0.725983819	1.315716181	0.664809461º	1.189335453º	230.6399359	63.20481786	1.01639916	Penumbral
1000	9413	2374431.238	1788-11-13 17:43:08	0.737550188	1.304149812	0.722896259º	1.262270762º	224.8861693	59.02758075	0.988418576	Penumbral
1000	9414	2374431.238									
1000	9415	2374431.238									
1000	9416	2374431.238									
1000	9417	2374431.238									
1000	9418	2374460.753	1788-12-13 06:04:22	0.743987747	1.297712253	0.749458303º	1.291305583º	224.2467175	57.41638663	0.983907823	Penumbral
1000	9419	2374607.895	1789-05-09 09:28:44	0.744605865	1.297094135	0.732406175º	1.25996012º	230.2490522	58.81058837	1.010565427	Umbral
1000	9420	2374607.895									
1000	9421	2374607.895									
1000	9422	2374607.895									
1000	9423	2374637.331	1789-06-07 19:57:06	0.738252102	1.303447898	0.705930282º	1.23091493º	231.1141471	60.49974384	1.015511177	Grazing
1000	9424	2374785.512	1789-11-03 00:17:38	0.722769175	1.318930825	0.671971421º	1.209978505º	224.6033379	62.27277225	0.990930776	Umbral
1000	9425	2374785.512									
1000	9426	2374785.512									
1000	9427	2374785.512									
1000	9428	2374785.512									
1000	9429	2374962.496	1790-04-28 23:53:53	0.755246194	1.286453806	0.775125791º	1.304007138º	230.2087577	56.35117139	1.008029079	Total
1000	9430	2374962.496									
1000	9431	2374962.496									
1000	9432	2374962.496									
1000	9433	2374962.496									
1000	9434	2374962.496									
1000	9435	2375139.528	1790-10-23 00:40:27	0.716741731	1.324958269	0.651646014º	1.188078539º	224.8818251	63.70526219	0.993839398	Total
1000	9436	2375139.528									
1000	9437	2375139.528									
1000	9438	2375139.528									
1000	9439	2375139.528									
1000	9440	2375139.528									
1000	9441	2375317.196	1791-04-18 16:42:02	0.754986392	1.286713608	0.776165163º	1.306512411º	229.5737893	56.25541314	1.005242847	Umbral
1000	9442	2375317.196									
1000	9443	2375317.196									
1000	9444	2375317.196									
1000	9445	2375317.196									
1000	9446	2375317.196									
1000	9447	2375493.558	1791-10-12 01:23:03	0.725017516	1.316682484	0.675401677º	1.21015315º	226.0020327	62.1524333	0.996963646	Umbral
1000	9448	2375493.558									
1000	9449	2375493.558									
1000	9450	2375493.558									
1000	9451	2375493.558									
1000	9452	2375642.293	1792-03-08 19:02:33	0.732881972	1.308818028	0.703237183º	1.239653372º	225.7736818	60.31429645	0.993869664	Penumbral
1000	9453	2375642.293									

1000	9454	2375642.293									
1000	9455	2375642.293									
1000	9456	2375642.293									
1000	9457	2375671.8	1792-04-07 07:11:49	0.743331835	1.298368165	0.733935337º	1.265859378º	228.2575742	58.5927964	1.002262987	Penumbral
1000	9458	2375818.447	1792-08-31 22:43:08	0.750500873	1.291199127	0.756188625º	1.284966775º	230.0426797	57.40198531	1.008225808	Penumbral
1000	9459	2375818.447									
1000	9460	2375818.447									
1000	9461	2375818.447									
1000	9462	2375818.447									
1000	9463	2375847.863	1792-09-30 08:43:16	0.741283319	1.300416681	0.728003889º	1.261068737º	227.6753078	58.909692	1.000118052	Penumbral
1000	9464	2375996.458	1793-02-25 22:59:18	0.718575288	1.323124712	0.659117121º	1.197088189º	224.3334587	63.13866967	0.990997118	Umbral
1000	9465	2375996.458									
1000	9466	2375996.458									
1000	9467	2375996.458									
1000	9468	2375996.458									
1000	9469	2376026.137	1793-03-27 15:17:54	0.726973451	1.314726549	0.680263092º	1.213853895º	226.5880594	61.87043119	0.999132245	Grazing
1000	9470	2376173.122	1793-08-21 14:55:55	0.757676827	1.284023173	0.782750824º	1.310229091º	230.9742892	55.97719075	1.010710415	Umbral
1000	9471	2376173.122									
1000	9472	2376173.122									
1000	9473	2376173.122									
1000	9474	2376173.122									
1000	9475	2376350.431	1794-02-14 22:20:45	0.716357853	1.325342147	0.653831391º	1.193209655º	223.6887036	63.45318924	0.988411682	Total
1000	9476	2376350.431									
1000	9477	2376350.431									
1000	9478	2376350.431									
1000	9479	2376350.431									
1000	9480	2376527.813	1794-08-11 07:30:19	0.752913091	1.288786909	0.762000364º	1.288365685º	231.2398447	57.1429268	1.01284746	Total
1000	9481	2376527.813									
1000	9482	2376527.813									
1000	9483	2376527.813									
1000	9484	2376527.813									
1000	9485	2376527.813									
1000	9486	2376704.527	1795-02-04 00:39:32	0.727628922	1.314071078	0.690604397º	1.231170494º	223.8632537	60.97984208	0.986239759	Umbral
1000	9487	2376704.527									
1000	9488	2376704.527									
1000	9489	2376704.527									
1000	9490	2376704.527									
1000	9491	2376704.527									
1000	9492	2376852.84	1795-07-02 08:09:29	0.732624926	1.309075074	0.685982418º	1.210318474º	231.0997471	61.79624011	1.016767342	Grazing
1000	9493	2376852.84									
1000	9494	2376852.84									
1000	9495	2376852.84									
1000	9496	2376852.84									
1000	9497	2376882.327	1795-07-31 19:50:29	0.739446944	1.302253056	0.710882422º	1.236337816º	230.9342205	60.17676122	1.014601401	Umbral

1000	9498	2377029.443	1795-12-25 22:38:30	0.748304461	1.293395539	0.766343329º	1.308563964º	224.3300921	56.46950965	0.983230337	Penumbral
1000	9499	2377029.443									
1000	9500	2377029.443									
1000	9501	2377029.443									
1000	9502	2377029.443									
1000	9503	2377058.923	1796-01-24 10:09:49	0.742869118	1.298830882	0.744652065º	1.286093999º	224.3750161	57.70018348	0.984644418	Penumbral
1000	9504	2377206.936	1796-06-20 10:27:44	0.723918215	1.317781785	0.658308127º	1.182765916º	230.543897	63.65465716	1.016531338	Penumbral
1000	9505	2377206.936									
1000	9506	2377206.936									
1000	9507	2377206.936									
1000	9508	2377236.545	1796-07-20 01:05:05	0.726607664	1.315092336	0.667205419º	1.191990671º	230.536772	63.03275063	1.015897029	Grazing
1000	9509	2377384.095	1796-12-14 14:17:04	0.750283436	1.291416564	0.773618545º	1.315524223º	224.5629362	56.08377422	0.983801793	Umbral
1000	9510	2377384.095									
1000	9511	2377384.095									
1000	9512	2377384.095									
1000	9513	2377384.095									
1000	9514	2377560.979	1797-06-09 11:30:14	0.728438349	1.313261651	0.673202269º	1.198096205º	230.5859435	62.62411584	1.015686677	Total
1000	9515	2377560.979									
1000	9516	2377560.979									
1000	9517	2377560.979									
1000	9518	2377560.979									
1000	9519	2377560.979									
1000	9520	2377738.679	1797-12-04 04:18:14	0.740275345	1.301424655	0.735039254º	1.276321211º	224.280667	58.2575728	0.984935431	Total
1000	9521	2377738.679									
1000	9522	2377738.679									
1000	9523	2377738.679									
1000	9524	2377738.679									
1000	9525	2377738.679									
1000	9526	2377915.255	1798-05-29 18:07:00	0.742276824	1.299423176	0.721044112º	1.246675322º	231.0315979	59.54843018	1.014262029	Total
1000	9527	2377915.255									
1000	9528	2377915.255									
1000	9529	2377915.255									
1000	9530	2377915.255									
1000	9531	2377915.255									
1000	9532	2378093.018	1798-11-23 12:25:28	0.72482934	1.31687066	0.681338483º	1.221683805º	223.7749556	61.58218754	0.98664272	Umbral
1000	9533	2378093.018									
1000	9534	2378093.018									
1000	9535	2378093.018									
1000	9536	2378093.018									
1000	9537	2378240.495	1799-04-19 23:52:38	0.756011681	1.285688319	0.780195225º	1.310382944º	229.6649306	56.04230579	1.005545317	Penumbral
1000	9538	2378240.495									
1000	9539	2378240.495									
1000	9540	2378240.495									
1000	9541	2378240.495									

1000	9542	2378269.817	1799-05-19 07:35:53	0.75466258	1.28703742	0.769172763º	1.29575513º	231.2425929	56.73911178	1.012429984	Penumbral
1000	9543	2378417.313	1799-10-13 19:30:46	0.718247232	1.323452768	0.654553925º	1.189538485º	225.5448116	63.553526	0.996529279	Grazing
1000	9544	2378417.313									
1000	9545	2378417.313									
1000	9546	2378417.313									
1000	9547	2378417.313									
1000	9548	2378447.069	1799-11-12 13:38:43	0.715604349	1.326095651	0.651283788º	1.190412243º	223.7450577	63.63774402	0.98886967	Penumbral
1000	9549	2378595.185	1800-04-09 16:26:04	0.752221573	1.289478427	0.767157493º	1.29888911º	228.8455115	56.70961359	1.002625687	Umbral
1000	9550	2378595.185									
1000	9551	2378595.185									
1000	9552	2378595.185									
1000	9553	2378595.185									
1000	9554	2378624.52	1800-05-09 00:28:41	0.757227475	1.284472525	0.781316588º	1.309028236º	230.8383644	56.04796829	1.010263427	Grazing
1000	9555	2378771.407	1800-10-02 21:46:32	0.729883221	1.311816779	0.689329445º	1.222602888º	226.8887356	61.29240886	0.999726848	Umbral
1000	9556	2378771.407									
1000	9557	2378771.407									
1000	9558	2378771.407									
1000	9559	2378771.407									
1000	9560	2378949.725	1801-03-30 05:24:33	0.738173523	1.303526477	0.717484758º	1.250847031º	227.3482833	59.53200032	0.999560345	Total
1000	9561	2378949.725									
1000	9562	2378949.725									
1000	9563	2378949.725									
1000	9564	2378949.725									
1000	9565	2379125.805	1801-09-22 07:18:40	0.746180084	1.295519916	0.743907069º	1.275544313º	228.5661815	58.02107951	1.002803667	Total
1000	9566	2379125.805									
1000	9567	2379125.805									
1000	9568	2379125.805									
1000	9569	2379125.805									
1000	9570	2379125.805									
1000	9571	2379303.969	1802-03-19 11:16:00	0.722522585	1.319177415	0.667934416º	1.202982483º	225.7274277	62.64003075	0.996410996	Umbral
1000	9572	2379303.969									
1000	9573	2379303.969									
1000	9574	2379303.969									
1000	9575	2379303.969									
1000	9576	2379303.969									
1000	9577	2379480.442	1802-09-11 22:36:57	0.755982941	1.285717059	0.779768441º	1.309854554º	229.7430056	56.06795473	1.005738056	Umbral
1000	9578	2379480.442									
1000	9579	2379480.442									
1000	9580	2379480.442									
1000	9581	2379480.442									
1000	9582	2379480.442									
1000	9583	2379628.216	1803-02-06 17:10:55	0.718142825	1.323557175	0.660388397º	1.200780239º	223.3929599	62.97061099	0.986557785	Penumbral
1000	9584	2379628.216									
1000	9585	2379628.216									

1000	9586	2379628.216									
1000	9587	2379657.971	1803-03-08 11:17:50	0.716791103	1.324908897	0.652085094°	1.188819478°	224.7767919	63.66441713	0.993280463	Penumbral
1000	9588	2379805.796	1803-08-03 07:05:46	0.749955112	1.291744888	0.749290542°	1.274861095°	231.4703325	57.88445189	1.014379086	Penumbral
1000	9589	2379805.796									
1000	9590	2379805.796									
1000	9591	2379805.796									
1000	9592	2379805.796									
1000	9593	2379835.139	1803-09-01 15:19:33	0.753947759	1.287752241	0.769631331°	1.298264608°	230.2411589	56.65800706	1.008502115	Penumbral
1000	9594	2379982.39	1804-01-26 21:21:44	0.73192833	1.30977167	0.705908208°	1.24722861°	223.7923794	59.99849674	0.98486548	Umbral
1000	9595	2379982.39									
1000	9596	2379982.39									
1000	9597	2379982.39									
1000	9598	2379982.39									
1000	9599	2380160.235	1804-07-22 17:38:32	0.735463321	1.306236679	0.696303387°	1.221175141°	230.9933773	61.11223851	1.015729601	Umbral
1000	9600	2380160.235									
1000	9601	2380160.235									
1000	9602	2380160.235									
1000	9603	2380160.235									
1000	9604	2380160.235									
1000	9605	2380336.862	1805-01-15 08:40:47	0.746156347	1.295543653	0.757660392°	1.299596569°	224.3447363	56.95503825	0.983746427	Total
1000	9606	2380336.862									
1000	9607	2380336.862									
1000	9608	2380336.862									
1000	9609	2380336.862									
1000	9610	2380336.862									
1000	9611	2380514.379	1805-07-11 21:05:27	0.724769136	1.316930864	0.660964145°	1.185414888°	230.5903938	63.47130295	1.016544997	Total
1000	9612	2380514.379									
1000	9613	2380514.379									
1000	9614	2380514.379									
1000	9615	2380514.379									
1000	9616	2380691.501	1806-01-05 00:01:58	0.750895127	1.290804873	0.776459059°	1.318691085°	224.4675829	55.92268278	0.983209681	Umbral
1000	9617	2380691.501									
1000	9618	2380691.501									
1000	9619	2380691.501									
1000	9620	2380691.501									
1000	9621	2380691.501									
1000	9622	2380838.842	1806-06-01 08:11:51	0.731581176	1.310118824	0.684255658°	1.209760661°	230.4808486	61.87131078	1.014505617	Grazing
1000	9623	2380838.842									
1000	9624	2380838.842									
1000	9625	2380838.842									
1000	9626	2380838.842									
1000	9627	2380868.406	1806-06-30 21:44:59	0.726596176	1.315103824	0.66651673°	1.190866772°	230.7521616	63.09428179	1.016740222	Total Penumbral
1000	9628	2381016.588	1806-11-26 02:06:12	0.736180751	1.305519249	0.719468321°	1.259967066°	224.3695253	59.19921791	0.986362657	Penumbral
1000	9629	2381016.588									

1000	9630	2381016.588									
1000	9631	2381016.588									
1000	9632	2381016.588									
1000	9633	2381046.117	1806-12-25 14:47:58	0.74318048	1.29851952	0.746885473º	1.28907979º	224.0704348	57.5521185	0.983278063	Penumbral
1000	9634	2381193.201	1807-05-21 16:49:22	0.746090592	1.295609408	0.73618508º	1.262619022º	230.8463723	58.6204299	1.012715434	Umbral
1000	9635	2381193.201									
1000	9636	2381193.201									
1000	9637	2381193.201									
1000	9638	2381193.201									
1000	9639	2381222.621	1807-06-20 02:53:45	0.739464226	1.302235774	0.709458687º	1.233993789º	231.3974343	60.29344228	1.016381508	Grazing
1000	9640	2381370.841	1807-11-15 08:10:44	0.72138654	1.32031346	0.669197596º	1.208527685º	223.9944058	62.41363585	0.988499972	Umbral
1000	9641	2381370.841									
1000	9642	2381370.841									
1000	9643	2381370.841									
1000	9644	2381547.818	1808-05-10 07:37:29	0.756253465	1.285446535	0.777151728º	1.304711345º	230.8548198	56.27678194	1.010554561	Total
1000	9645	2381547.818									
1000	9646	2381547.818									
1000	9647	2381547.818									
1000	9648	2381547.818									
1000	9649	2381547.818									
1000	9650	2381724.843	1808-11-03 08:14:29	0.715953362	1.325746638	0.651013736º	1.188930755º	224.2324643	63.69809776	0.991096692	Total
1000	9651	2381724.843									
1000	9652	2381724.843									
1000	9653	2381724.843									
1000	9654	2381724.843									
1000	9655	2381724.843									
1000	9656	2381902.523	1809-04-30 00:33:05	0.755335146	1.286364854	0.775333413º	1.304209159º	230.2469695	56.34004489	1.008039755	Umbral
1000	9657	2381902.523									
1000	9658	2381902.523									
1000	9659	2381902.523									
1000	9660	2381902.523									
1000	9661	2381902.523									
1000	9662	2382078.877	1809-10-23 09:02:46	0.724894678	1.316805322	0.676970192º	1.213320369º	225.3353967	61.99681334	0.993991986	Umbral
1000	9663	2382078.877									
1000	9664	2382078.877									
1000	9665	2382078.877									
1000	9666	2382078.877									
1000	9667	2382078.877									
1000	9668	2382227.622	1810-03-21 02:55:53	0.732826949	1.308873051	0.701025314º	1.235840016º	226.4295247	60.50192351	0.996845778	Penumbral
1000	9669	2382227.622									
1000	9670	2382227.622									
1000	9671	2382227.622									
1000	9672	2382257.121	1810-04-19 14:54:46	0.743275298	1.298424702	0.731510436º	1.261861682º	228.9428174	58.78159924	1.005235271	Penumbral
1000	9673	2382403.769	1810-09-13 06:27:34	0.750455938	1.291244062	0.758183546º	1.288431719º	229.38765	57.24888069	1.005430673	Penumbral

1000	9674	2382403.769									
1000	9675	2382403.769									
1000	9676	2382403.769									
1000	9677	2382403.769									
1000	9678	2382433.194	1810-10-12 16:39:28	0.741314772	1.300385228	0.730331742º	1.265032334º	226.9848968	58.72395207	0.997058513	Penumbral
1000	9679	2382581.777	1811-03-10 06:38:17	0.718939342	1.322760658	0.65847921º	1.194962535º	224.9582181	63.23258994	0.993745292	Umbral
1000	9680	2382581.777									
1000	9681	2382581.777									
1000	9682	2382581.777									
1000	9683	2382581.777									
1000	9684	2382611.447	1811-04-08 22:43:28	0.727098362	1.314601638	0.678556176º	1.210537316º	227.2944367	62.03488484	1.002155411	Grazing
1000	9685	2382758.446	1811-09-02 22:41:51	0.757064108	1.284635892	0.782297782º	1.311076654º	230.3495447	55.9669361	1.008224433	Umbral
1000	9686	2382758.446									
1000	9687	2382758.446									
1000	9688	2382758.446									
1000	9689	2382758.446									
1000	9690	2382935.754	1812-02-27 06:05:19	0.71742217	1.32427783	0.655525424º	1.193589771º	224.2771762	63.38141766	0.990825319	Total
1000	9691	2382935.754									
1000	9692	2382935.754									
1000	9693	2382935.754									
1000	9694	2382935.754									
1000	9695	2382935.754									
1000	9696	2383113.126	1812-08-22 15:01:53	0.751678644	1.290021356	0.758916834º	1.286401305º	230.6607916	57.28456179	1.010698526	Total
1000	9697	2383113.126									
1000	9698	2383113.126									
1000	9699	2383113.126									
1000	9700	2383113.126									
1000	9701	2383289.868	1813-02-15 08:50:35	0.729022488	1.312677512	0.693867526º	1.233311729º	224.3805932	60.80808961	0.988290865	Umbral
1000	9702	2383289.868									
1000	9703	2383289.868									
1000	9704	2383289.868									
1000	9705	2383289.868									
1000	9706	2383289.868									
1000	9707	2383438.119	1813-07-13 14:51:09	0.731694203	1.310005797	0.683143912º	1.207650728º	230.9707387	61.97669136	1.016436319	Grazing
1000	9708	2383438.119									
1000	9709	2383438.119									
1000	9710	2383438.119									
1000	9711	2383438.119									
1000	9712	2383467.621	1813-08-12 02:53:32	0.738000511	1.303699489	0.707147997º	1.233511627º	230.4387231	60.38093924	1.012850712	Umbral
1000	9713	2383614.812	1814-01-06 07:28:51	0.748708129	1.292991871	0.76790262º	1.310101901º	224.3546739	56.38514544	0.98326906	Penumbral
1000	9714	2383614.812									
1000	9715	2383614.812									
1000	9716	2383614.812									
1000	9717	2383614.812									

1000	9718	2383644.283	1814-02-04 18:47:19	0.743938803	1.297761197	0.74755491°	1.288118164°	224.764683	57.55997655	0.986244946	Penumbral
1000	9719	2383792.203	1814-07-02 16:51:42	0.723884389	1.317815611	0.658010281°	1.182365283°	230.6032613	63.67884451	1.016730605	Penumbral
1000	9720	2383792.203									
1000	9721	2383792.203									
1000	9722	2383792.203									
1000	9723	2383792.203									
1000	9724	2383821.818	1814-08-01 07:38:28	0.725693913	1.316006087	0.665179158°	1.190630745°	230.1899776	63.14825825	1.01460875	Grazing
1000	9725	2383969.464	1814-12-26 23:08:19	0.749898036	1.291801964	0.772502171°	1.314696595°	224.426547	56.13619984	0.983277869	Umbral
1000	9726	2383969.464									
1000	9727	2383969.464									
1000	9728	2383969.464									
1000	9729	2384146.255	1815-06-21 18:06:44	0.729388151	1.312311849	0.675673041°	1.200168334°	230.8329009	62.47195623	1.01645865	Total
1000	9730	2384146.255									
1000	9731	2384146.255									
1000	9732	2384146.255									
1000	9733	2384146.255									
1000	9734	2384146.255									
1000	9735	2384324.038	1815-12-16 12:54:41	0.739226027	1.302473973	0.732020785°	1.273921511°	223.9837798	58.41546792	0.983810783	Total
1000	9736	2384324.038									
1000	9737	2384324.038									
1000	9738	2384324.038									
1000	9739	2384324.038									
1000	9740	2384324.038									
1000	9741	2384500.551	1816-06-10 01:13:51	0.74359902	1.29810098	0.724766746°	1.249683222°	231.4285353	59.34476875	1.015643065	Total
1000	9742	2384500.551									
1000	9743	2384500.551									
1000	9744	2384500.551									
1000	9745	2384500.551									
1000	9746	2384500.551									
1000	9747	2384678.358	1816-12-04 20:35:19	0.723601206	1.318098794	0.678453735°	1.219731381°	223.3509399	61.73979083	0.984943276	Umbral
1000	9748	2384678.358									
1000	9749	2384678.358									
1000	9750	2384678.358									
1000	9751	2384678.358									
1000	9752	2384678.358									
1000	9753	2384825.822	1817-05-01 07:43:42	0.75686653	1.28483347	0.781460958°	1.31016583°	230.3550701	56.01378403	1.008365549	Penumbral
1000	9754	2384825.822									
1000	9755	2384825.822									
1000	9756	2384825.822									
1000	9757	2384855.13	1817-05-30 15:07:08	0.755653805	1.286046195	0.771669245°	1.297280364°	231.7271968	56.62833121	1.014300799	Penumbral
1000	9758	2385002.624	1817-10-25 02:58:45	0.71763867	1.32406133	0.654578457°	1.191177203°	224.8571585	63.49661755	0.993531539	Grazing
1000	9759	2385002.624									
1000	9760	2385002.624									
1000	9761	2385002.624									

1000	9762	2385002.624									
1000	9763	2385032.394	1817-11-23 21:27:03	0.714823245	1.326876755	0.650230892º	1.190547319º	223.2451195	63.66993257	0.986695483	Penumbral
1000	9764	2385180.514	1818-04-21 00:20:40	0.752440064	1.289259936	0.765710481º	1.295857088º	229.5447389	56.83270113	1.005623295	Umbral
1000	9765	2385180.514									
1000	9766	2385180.514									
1000	9767	2385180.514									
1000	9768	2385180.514									
1000	9769	2385209.84	1818-05-20 08:09:06	0.75758462	1.28411538	0.780966252º	1.307510053º	231.3845931	56.09793695	1.012504139	Grazing
1000	9770	2385356.726	1818-10-14 05:25:37	0.729859	1.311841	0.691334767º	1.226253144º	226.1992878	61.11167376	0.996652574	Umbral
1000	9771	2385356.726									
1000	9772	2385356.726									
1000	9773	2385356.726									
1000	9774	2385356.726									
1000	9775	2385535.047	1819-04-10 13:07:48	0.738116299	1.303583701	0.715078385º	1.246827587º	228.0432985	59.72700243	1.002592529	Total
1000	9776	2385535.047									
1000	9777	2385535.047									
1000	9778	2385535.047									
1000	9779	2385535.047									
1000	9780	2385711.134	1819-10-03 15:13:25	0.746146347	1.295553653	0.746086232º	1.279316401º	227.8642424	57.8506196	0.999807979	Total
1000	9781	2385711.134									
1000	9782	2385711.134									
1000	9783	2385711.134									
1000	9784	2385711.134									
1000	9785	2385711.134									
1000	9786	2385889.28	1820-03-29 18:42:47	0.72281138	1.31888862	0.666796604º	1.200245022º	226.4311124	62.76988555	0.999398929	Umbral
1000	9787	2385889.28									
1000	9788	2385889.28									
1000	9789	2385889.28									
1000	9790	2385889.28									
1000	9791	2385889.28									
1000	9792	2386065.774	1820-09-22 06:35:14	0.755426819	1.286273181	0.779881727º	1.311504628º	229.0284234	56.02095282	1.002830722	Umbral
1000	9793	2386065.774									
1000	9794	2386065.774									
1000	9795	2386065.774									
1000	9796	2386065.774									
1000	9797	2386065.774									
1000	9798	2386213.545	1821-02-17 01:05:29	0.719290763	1.322409237	0.662597802º	1.20186103º	223.9083137	62.85885363	0.98862253	Penumbral
1000	9799	2386213.545									
1000	9800	2386213.545									
1000	9801	2386213.545									
1000	9802	2386213.545									
1000	9803	2386243.281	1821-03-18 18:45:00	0.717836482	1.323863518	0.653372573º	1.188537108º	225.4843199	63.62909008	0.996194148	Penumbral
1000	9804	2386391.103	1821-08-13 14:27:41	0.748662059	1.293037941	0.745815792º	1.272303513º	230.9705483	58.05810994	1.012611988	Penumbral
1000	9805	2386391.103									

1000	9806	2386391.103									
1000	9807	2386391.103									
1000	9808	2386420.462	1821-09-11 23:05:37	0.752716867	1.288983133	0.766940893º	1.297020319º	229.5344381	56.76662541	1.005750745	Penumbral
1000	9809	2386567.739	1822-02-06 05:44:09	0.733211419	1.308488581	0.709201259º	1.24962537º	224.2128027	59.82354393	0.986498875	Umbral
1000	9810	2386567.739									
1000	9811	2386567.739									
1000	9812	2386567.739									
1000	9813	2386567.739									
1000	9814	2386597.35	1822-03-07 20:23:53	0.726770562	1.314929438	0.683264119º	1.22007015º	225.3238838	61.57102036	0.993147893	Grazing
1000	9815	2386745.521	1822-08-03 00:30:10	0.734169693	1.307530307	0.692905232º	1.218470755º	230.605922	61.30803095	1.014388795	Umbral
1000	9816	2386745.521									
1000	9817	2386745.521									
1000	9818	2386745.521									
1000	9819	2386745.521									
1000	9820	2386922.226	1823-01-26 17:25:32	0.746960882	1.294739118	0.759975165º	1.301284496º	224.6192444	56.84402607	0.984885623	Total
1000	9821	2386922.226									
1000	9822	2386922.226									
1000	9823	2386922.226									
1000	9824	2386922.226									
1000	9825	2386922.226									
1000	9826	2387099.647	1823-07-23 03:32:23	0.724220628	1.317479372	0.65978709º	1.184662238º	230.3736834	63.53800916	1.015723033	Total
1000	9827	2387099.647									
1000	9828	2387099.647									
1000	9829	2387099.647									
1000	9830	2387099.647									
1000	9831	2387099.647									
1000	9832	2387276.871	1824-01-16 08:54:10	0.750926561	1.290773439	0.776201481º	1.318127621º	224.5838396	55.94458105	0.983764647	Umbral
1000	9833	2387276.871									
1000	9834	2387276.871									
1000	9835	2387276.871									
1000	9836	2387276.871									
1000	9837	2387424.123	1824-06-11 14:57:47	0.73280408	1.30889592	0.687372945º	1.212225975º	230.8527144	61.68884326	1.015765837	Grazing
1000	9838	2387424.123									
1000	9839	2387424.123									
1000	9840	2387424.123									
1000	9841	2387424.123									
1000	9842	2387453.677	1824-07-11 04:15:22	0.727086028	1.314613972	0.668234813º	1.192687622º	230.725652	62.97402731	1.01654099	Umbral
1000	9843	2387601.94	1824-12-06 10:33:21	0.734932054	1.306767946	0.716180683º	1.257547905º	223.9608685	59.371037	0.984780305	Penumbral
1000	9844	2387601.94									
1000	9845	2387601.94									
1000	9846	2387601.94									
1000	9847	2387601.94									
1000	9848	2387631.48	1825-01-04 23:31:50	0.742496916	1.299203084	0.744390954º	1.28661135º	224.0231571	57.69308907	0.983230771	Penumbral
1000	9849	2387778.505	1825-06-01 00:06:37	0.74744905	1.29425095	0.739857503º	1.265374543º	231.3412137	58.43183952	1.014482381	Umbral

1000	9850	2387778.505									
1000	9851	2387778.505									
1000	9852	2387778.505									
1000	9853	2387778.505									
1000	9854	2387807.91	1825-06-30 09:50:42	0.740528043	1.301171957	0.712904596º	1.237255267º	231.5447243	60.08552548	1.016739003	Grazing
1000	9855	2387956.173	1825-11-25 16:09:29	0.720149892	1.321550108	0.666639345º	1.207102797º	223.4812073	62.54699706	0.986427067	Umbral
1000	9856	2387956.173									
1000	9857	2387956.173									
1000	9858	2387956.173									
1000	9859	2387956.173									
1000	9860	2388133.136	1826-05-21 15:15:53	0.75713375	1.28456625	0.778948188º	1.305374273º	231.4163316	56.20995196	1.012730549	Total
1000	9861	2388133.136									
1000	9862	2388133.136									
1000	9863	2388133.136									
1000	9864	2388133.136									
1000	9865	2388310.164	1826-11-14 15:56:29	0.715302468	1.326397532	0.650579711º	1.189848476º	223.6623705	63.68174148	0.98861238	Total
1000	9866	2388310.164									
1000	9867	2388310.164									
1000	9868	2388310.164									
1000	9869	2388310.164									
1000	9870	2388310.164									
1000	9871	2388487.845	1827-05-11 08:16:59	0.755574618	1.286125382	0.77426334º	1.301822908º	230.8558441	56.43372273	1.010554656	Umbral
1000	9872	2388487.845									
1000	9873	2388487.845									
1000	9874	2388487.845									
1000	9875	2388487.845									
1000	9876	2388487.845									
1000	9877	2388664.203	1827-11-03 16:52:03	0.724852091	1.316847909	0.678638672º	1.216486057º	224.7258915	61.83872037	0.991225006	Umbral
1000	9878	2388664.203									
1000	9879	2388664.203									
1000	9880	2388664.203									
1000	9881	2388664.203									
1000	9882	2388664.203									
1000	9883	2388812.944	1828-03-31 10:39:18	0.732803261	1.308896739	0.698819462º	1.232004884º	227.117939	60.69121023	0.999891887	Penumbral
1000	9884	2388812.944									
1000	9885	2388812.944									
1000	9886	2388812.944									
1000	9887	2388812.944									
1000	9888	2388842.437	1828-04-29 22:28:41	0.743152743	1.298547257	0.728967746º	1.257849338º	229.5889432	58.9755911	1.008028613	Penumbral
1000	9889	2388989.097	1828-09-23 14:20:14	0.750331115	1.291368885	0.759998167º	1.291818911º	228.6918687	57.1038141	1.002457658	Penumbral
1000	9890	2388989.097									
1000	9891	2388989.097									
1000	9892	2388989.097									
1000	9893	2389018.531	1828-10-23 00:44:57	0.741355106	1.300344894	0.732593633º	1.268906853º	226.3241543	58.54391896	0.994060483	Penumbral

1000	9894	2389167.089	1829-03-20 14:07:55	0.719405015	1.322294985	0.658002042º	1.192883919º	225.6417599	63.3196272	0.996720585	Umbral
1000	9895	2389167.089									
1000	9896	2389167.089									
1000	9897	2389167.089									
1000	9898	2389167.089									
1000	9899	2389196.749	1829-04-19 05:58:59	0.72722513	1.31447487	0.67690476º	1.207287936º	227.991353	62.19615818	1.005174752	Grazing
1000	9900	2389343.774	1829-09-13 06:34:10	0.75634216	1.28535784	0.781593077º	1.311846874º	229.661331	55.96554143	1.005420011	Umbral
1000	9901	2389343.774									
1000	9902	2389343.774									
1000	9903	2389343.774									
1000	9904	2389343.774									
1000	9905	2389521.071	1830-03-09 13:42:39	0.718622379	1.323077621	0.657451503º	1.194021036º	224.9445646	63.30004316	0.99358563	Total
1000	9906	2389521.071									
1000	9907	2389521.071									
1000	9908	2389521.071									
1000	9909	2389521.071									
1000	9910	2389521.071									
1000	9911	2389698.443	1830-09-02 22:38:04	0.750326714	1.291373286	0.755667527º	1.284463924º	229.9979054	57.43086567	1.008191017	Total
1000	9912	2389698.443									
1000	9913	2389698.443									
1000	9914	2389698.443									
1000	9915	2389698.443									
1000	9916	2389698.443									
1000	9917	2389875.206	1831-02-26 16:56:16	0.730540196	1.311159804	0.697303786º	1.235433809º	224.9922938	60.63240414	0.990704392	Umbral
1000	9918	2389875.206									
1000	9919	2389875.206									
1000	9920	2389875.206									
1000	9921	2389875.206									
1000	9922	2390052.917	1831-08-23 09:59:48	0.736444692	1.305255308	0.703386807º	1.230857324º	229.8414329	60.58200811	1.010725263	Umbral
1000	9923	2390052.917									
1000	9924	2390052.917									
1000	9925	2390052.917									
1000	9926	2390052.917									
1000	9927	2390052.917									
1000	9928	2390200.18	1832-01-17 16:18:36	0.749221613	1.292478387	0.769470812º	1.311354895º	224.5081548	56.30844615	0.983840999	Penumbral
1000	9929	2390200.18									
1000	9930	2390200.18									
1000	9931	2390200.18									
1000	9932	2390200.18									
1000	9933	2390229.639	1832-02-16 03:20:31	0.745108392	1.296591608	0.750500159º	1.289979835º	225.2616172	57.423784	0.98822588	Penumbral
1000	9934	2390377.469	1832-07-12 23:15:32	0.723735194	1.317964806	0.657768497º	1.182248887º	230.5238599	63.69131131	1.016487532	Penumbral
1000	9935	2390377.469									
1000	9936	2390377.469									
1000	9937	2390377.469									

1000	9938	2390377.469									
1000	9939	2390407.094	1832-08-11 14:14:47	0.724681666	1.317018334	0.663219556º	1.189524858º	229.7251358	63.25327041	1.012962962	Penumbral
1000	9940	2390554.833	1833-01-06 08:00:02	0.749620061	1.292079939	0.771378841º	1.313573704º	224.4195198	56.19681573	0.983277072	Umbral
1000	9941	2390554.833									
1000	9942	2390554.833									
1000	9943	2390554.833									
1000	9944	2390554.833									
1000	9945	2390731.53	1833-07-02 00:43:22	0.730211622	1.311488378	0.678152496º	1.202496688º	230.9437869	62.3118093	1.016751565	Umbral
1000	9946	2390731.53									
1000	9947	2390731.53									
1000	9948	2390731.53									
1000	9949	2390731.53									
1000	9950	2390909.398	1833-12-26 21:32:40	0.738307581	1.303392419	0.729129596º	1.271320649º	223.8123651	58.57630179	0.983283981	Total
1000	9951	2390909.398									
1000	9952	2390909.398									
1000	9953	2390909.398									
1000	9954	2390909.398									
1000	9955	2390909.398									
1000	9956	2391085.847	1834-06-21 08:19:46	0.744772321	1.296927679	0.72834907º	1.25286349º	231.6963635	59.14162205	1.016421583	Total
1000	9957	2391085.847									
1000	9958	2391085.847									
1000	9959	2391085.847									
1000	9960	2391085.847									
1000	9961	2391085.847									
1000	9962	2391263.7	1834-12-16 04:48:14	0.722540381	1.319159619	0.675825473º	1.217698383º	223.0468708	61.8923371	0.983861285	Umbral
1000	9963	2391263.7									
1000	9964	2391263.7									
1000	9965	2391263.7									
1000	9966	2391263.7									
1000	9967	2391263.7									
1000	9968	2391411.145	1835-05-12 15:28:32	0.757610932	1.284089068	0.782464598º	1.309899917º	230.9795373	55.99368029	1.010792715	Penumbral
1000	9969	2391411.145									
1000	9970	2391411.145									
1000	9971	2391411.145									
1000	9972	2391411.145									
1000	9973	2391587.941	1835-11-05 10:35:44	0.717139491	1.324560509	0.654803137º	1.192852382º	224.2305282	63.43161451	0.990853128	Grazing
1000	9974	2391587.941									
1000	9975	2391587.941									
1000	9976	2391587.941									
1000	9977	2391587.941									
1000	9978	2391617.723	1835-12-05 05:20:58	0.714221114	1.327478886	0.649457359º	1.190664734º	222.8554045	63.69297621	0.985071162	Penumbral
1000	9979	2391765.838	1836-05-01 08:07:14	0.752573325	1.289126675	0.764043442º	1.292756805º	230.200554	56.9643638	1.008349355	Umbral
1000	9980	2391765.838									
1000	9981	2391765.838									

1000	9982	2391765.838									
1000	9983	2391765.838									
1000	9984	2391795.156	1836-05-30 15:44:20	0.757792837	1.283907163	0.780324595º	1.305949795º	231.8275822	56.15704856	1.014273627	Grazing
1000	9985	2391942.052	1836-10-24 13:14:35	0.729877151	1.311822849	0.693383121º	1.229891784º	225.5455191	60.93098795	0.993698358	Umbral
1000	9986	2391942.052									
1000	9987	2391942.052									
1000	9988	2391942.052									
1000	9989	2391942.052									
1000	9990	2392120.362	1837-04-20 20:41:21	0.738027184	1.303672816	0.71262634º	1.242789017º	228.7226863	59.92528433	1.005592813	Total
1000	9991	2392120.362									
1000	9992	2392120.362									
1000	9993	2392120.362									
1000	9994	2392120.362									
1000	9995	2392120.362									
1000	9996	2392296.47	1837-10-13 23:17:12	0.746088312	1.295611688	0.748116966º	1.28301747º	227.1693691	57.687425	0.996685877	Total
1000	9997	2392296.47									
1000	9998	2392296.47									
1000	9999	2392296.47									
1000	10000	2392296.47									
1000	10001	2392474.583	1838-04-10 01:59:31	0.723139322	1.318560678	0.665774355º	1.197569886º	227.1485235	62.89424345	1.002505186	Umbral
1000	10002	2392474.583									
1000	10003	2392474.583									
1000	10004	2392474.583									
1000	10005	2392474.583									
1000	10006	2392474.583									
1000	10007	2392651.112	1838-10-03 14:41:09	0.754807924	1.286892076	0.779771669º	1.313041586º	228.2958515	55.98307554	0.999733456	Umbral
1000	10008	2392651.112									
1000	10009	2392651.112									
1000	10010	2392651.112									
1000	10011	2392651.112									
1000	10012	2392651.112									
1000	10013	2392798.871	1839-02-28 08:53:59	0.72058807	1.32111193	0.66505524º	1.202952846º	224.5178014	62.73869532	0.99113246	Penumbral
1000	10014	2392798.871									
1000	10015	2392798.871									
1000	10016	2392798.871									
1000	10017	2392798.871									
1000	10018	2392828.586	1839-03-30 02:03:32	0.718969193	1.322730807	0.654846508º	1.188368571º	226.2304937	63.58339228	0.999260976	Penumbral
1000	10019	2392976.412	1839-08-24 21:53:06	0.747240177	1.294459823	0.742187778º	1.26983498º	230.370173	58.23474024	1.010386818	Penumbral
1000	10020	2392976.412									
1000	10021	2392976.412									
1000	10022	2392976.412									
1000	10023	2392976.412									
1000	10024	2393005.79	1839-09-23 06:58:01	0.751409016	1.290290984	0.764094221º	1.295745235º	228.7865082	56.88086863	1.002777695	Penumbral
1000	10025	2393153.085	1840-02-17 14:02:13	0.734621225	1.307078775	0.712647391º	1.251941955º	224.7397754	59.64732477	0.988565088	Umbral

1000	10026	2393153.085									
1000	10027	2393153.085									
1000	10028	2393153.085									
1000	10029	2393182.673	1840-03-18 04:09:03	0.728415505	1.313284495	0.68667838º	1.221907775º	226.0614224	61.40070916	0.996073426	Grazing
1000	10030	2393330.808	1840-08-13 07:24:00	0.732760237	1.308939763	0.689506304º	1.215971627º	230.1026167	61.49852651	1.012655069	Umbral
1000	10031	2393330.808									
1000	10032	2393330.808									
1000	10033	2393330.808									
1000	10034	2393330.808									
1000	10035	2393507.588	1841-02-06 02:06:58	0.747868086	1.293831914	0.762307086º	1.302749939º	225.0109799	56.73903979	0.986464665	Total
1000	10036	2393507.588									
1000	10037	2393507.588									
1000	10038	2393507.588									
1000	10039	2393507.588									
1000	10040	2393507.588									
1000	10041	2393684.918	1841-08-02 10:01:30	0.723566035	1.318133965	0.65866964º	1.184186501º	230.028141	63.59328033	1.014482726	Total
1000	10042	2393684.918									
1000	10043	2393684.918									
1000	10044	2393684.918									
1000	10045	2393684.918									
1000	10046	2393684.918									
1000	10047	2393862.239	1842-01-26 17:44:00	0.751058285	1.290641715	0.775928036º	1.317250714º	224.825876	55.97524852	0.984861339	Umbral
1000	10048	2393862.239									
1000	10049	2393862.239									
1000	10050	2393862.239									
1000	10051	2393862.239									
1000	10052	2393862.239									
1000	10053	2394009.405	1842-06-22 21:42:49	0.73389977	1.30780023	0.690470367º	1.214931035º	231.0950414	61.50041054	1.016525756	Grazing
1000	10054	2394009.405									
1000	10055	2394009.405									
1000	10056	2394009.405									
1000	10057	2394038.95	1842-07-22 10:48:21	0.727453484	1.314246516	0.669955936º	1.194788423º	230.5623508	62.84475344	1.015805596	Umbral
1000	10058	2394187.294	1842-12-17 19:03:14	0.733819217	1.307880783	0.713043584º	1.254997164º	223.6714475	59.54320341	0.983714837	Penumbral
1000	10059	2394187.294									
1000	10060	2394187.294									
1000	10061	2394187.294									
1000	10062	2394187.294									
1000	10063	2394216.843	1843-01-16 08:14:18	0.741937962	1.299762038	0.741967918º	1.283901981º	224.1054342	57.83951913	0.983750264	Penumbral
1000	10064	2394363.807	1843-06-12 07:21:36	0.748662376	1.293037624	0.743379291º	1.268240095º	231.7173134	58.24570624	1.015750792	Penumbral
1000	10065	2394363.807									
1000	10066	2394363.807									
1000	10067	2394363.807									
1000	10068	2394363.807									
1000	10069	2394393.201	1843-07-11 16:49:21	0.741437037	1.300262963	0.716250451º	1.240685276º	231.5521933	59.87701293	1.01657585	Penumbral

1000	10070	2394541.509	1843-12-07 00:12:43	0.719079502	1.322620498	0.664328758º	1.205661481º	223.0785614	62.67307769	0.984843063	Umbral
1000	10071	2394541.509									
1000	10072	2394541.509									
1000	10073	2394541.509									
1000	10074	2394541.509									
1000	10075	2394718.451	1844-05-31 22:50:02	0.757866705	1.283833295	0.780485674º	1.306008162º	231.8737503	56.15110401	1.014471862	Total
1000	10076	2394718.451									
1000	10077	2394718.451									
1000	10078	2394718.451									
1000	10079	2394718.451									
1000	10080	2394718.451									
1000	10081	2394895.49	1844-11-24 23:45:32	0.714811896	1.326888104	0.650381439º	1.19078205º	223.1894855	63.65660106	0.986541774	Total
1000	10082	2394895.49									
1000	10083	2394895.49									
1000	10084	2394895.49									
1000	10085	2394895.49									
1000	10086	2395073.163	1845-05-21 15:54:28	0.75568311	1.28601689	0.772944986º	1.299373305º	231.3781691	56.53627831	1.01272625	Total
1000	10087	2395073.163									
1000	10088	2395073.163									
1000	10089	2395073.163									
1000	10090	2395073.163									
1000	10091	2395073.163									
1000	10092	2395249.535	1845-11-14 00:50:08	0.724913655	1.316786345	0.680423979º	1.219619658º	224.194163	61.67862964	0.988746384	Umbral
1000	10093	2395249.535									
1000	10094	2395249.535									
1000	10095	2395249.535									
1000	10096	2395249.535									
1000	10097	2395249.535									
1000	10098	2395398.259	1846-04-11 18:12:40	0.732784671	1.308915329	0.696607136º	1.228180848º	227.8144956	60.88154383	1.002923519	Penumbral
1000	10099	2395398.259									
1000	10100	2395398.259									
1000	10101	2395398.259									
1000	10102	2395398.259									
1000	10103	2395427.746	1846-05-11 05:54:04	0.742940712	1.298759288	0.726285232º	1.253870415º	230.1718982	59.1741021	1.010505593	Penumbral
1000	10104	2395574.432	1846-10-04 22:21:27	0.750151843	1.291548157	0.761653514º	1.295091464º	227.9805121	56.96709518	0.999418541	Penumbral
1000	10105	2395574.432									
1000	10106	2395574.432									
1000	10107	2395574.432									
1000	10108	2395574.432									
1000	10109	2395603.874	1846-11-03 08:59:16	0.741429461	1.300270539	0.734837843º	1.272629549º	225.7161213	58.36989056	0.991327631	Penumbral
1000	10110	2395752.394	1847-03-31 21:27:49	0.719945309	1.321754691	0.657645092º	1.190909612º	226.3611438	63.39917833	0.999743576	Umbral
1000	10111	2395752.394									
1000	10112	2395752.394									
1000	10113	2395752.394									

1000	10114	2395782.045	1847-04-30 13:04:52	0.727327559	1.314372441	0.675247882º	1.204192215º	228.6536865	62.35339135	1.007909044	Grazing
1000	10115	2395929.107	1847-09-24 14:33:29	0.755536015	1.286163985	0.780683014º	1.312499798º	228.9337811	55.9728141	1.002465123	Umbral
1000	10116	2395929.107									
1000	10117	2395929.107									
1000	10118	2395929.107									
1000	10119	2395929.107									
1000	10120	2396106.383	1848-03-19 21:12:08	0.719931556	1.321768444	0.659567946º	1.194555929º	225.6702131	63.20880057	0.996522904	Total
1000	10121	2396106.383									
1000	10122	2396106.383									
1000	10123	2396106.383									
1000	10124	2396106.383									
1000	10125	2396106.383									
1000	10126	2396283.764	1848-09-13 06:19:45	0.748882118	1.292817882	0.752283951º	1.282548326º	229.2733823	57.58114945	1.005399953	Total
1000	10127	2396283.764									
1000	10128	2396283.764									
1000	10129	2396283.764									
1000	10130	2396283.764									
1000	10131	2396283.764									
1000	10132	2396460.539	1849-03-09 00:55:44	0.732158201	1.309541799	0.700908373º	1.237545504º	225.6805562	60.45274203	0.993460473	Umbral
1000	10133	2396460.539									
1000	10134	2396460.539									
1000	10135	2396460.539									
1000	10136	2396460.539									
1000	10137	2396460.539									
1000	10138	2396638.216	1849-09-02 17:10:27	0.73480304	1.30689696	0.699598256º	1.228401194º	229.161912	60.77908756	1.008178547	Umbral
1000	10139	2396638.216									
1000	10140	2396638.216									
1000	10141	2396638.216									
1000	10142	2396638.216									
1000	10143	2396785.546	1850-01-28 01:06:11	0.749839413	1.291860587	0.771079942º	1.312291969º	224.7861649	56.23930598	0.985062694	Penumbral
1000	10144	2396785.546									
1000	10145	2396785.546									
1000	10146	2396785.546									
1000	10147	2396785.546									
1000	10148	2396814.992	1850-02-26 11:48:18	0.746359341	1.295340659	0.753522048º	1.291643001º	225.8512952	57.29158542	0.99072109	Penumbral
1000	10149	2396962.737	1850-07-24 05:40:50	0.723473886	1.318226114	0.65753358º	1.182467361º	230.3086129	63.69202557	1.015609583	Penumbral
1000	10150	2396962.737									
1000	10151	2396962.737									
1000	10152	2396962.737									
1000	10153	2396962.737									
1000	10154	2396992.372	1850-08-22 20:55:26	0.723589605	1.318110395	0.661281965º	1.188726075º	229.1582062	63.34742185	1.010775867	Penumbral
1000	10155	2397140.202	1851-01-17 16:50:36	0.749449344	1.292250656	0.770277026º	1.312124955º	224.5416483	56.26571755	0.983906643	Umbral
1000	10156	2397140.202									
1000	10157	2397140.202									

1000	10158	2397140.202									
1000	10159	2397140.202									
1000	10160	2397169.633	1851-02-16 03:11:17	0.752192327	1.289507673	0.778027977º	1.317468599º	225.60241	55.91273521	0.988297424	Grazing
1000	10161	2397316.807	1851-07-13 07:21:38	0.730903464	1.310796536	0.680609947º	1.205090317º	230.9158272	62.14453019	1.01648757	Umbral
1000	10162	2397316.807									
1000	10163	2397316.807									
1000	10164	2397316.807									
1000	10165	2397316.807									
1000	10166	2397494.757	1852-01-07 06:10:33	0.737525666	1.304174334	0.726343206º	1.268535007º	223.7705582	58.74030653	0.983282625	Total
1000	10167	2397494.757									
1000	10168	2397494.757									
1000	10169	2397494.757									
1000	10170	2397494.757									
1000	10171	2397671.143	1852-07-01 15:26:03	0.745786002	1.295913998	0.731817461º	1.256156397º	231.8268662	58.93996151	1.016761758	Total
1000	10172	2397671.143									
1000	10173	2397671.143									
1000	10174	2397671.143									
1000	10175	2397671.143									
1000	10176	2397671.143									
1000	10177	2397849.044	1852-12-26 13:02:39	0.721658413	1.320041587	0.673407845º	1.215621756º	222.8709256	62.04006351	0.983242529	Umbral
1000	10178	2397849.044									
1000	10179	2397849.044									
1000	10180	2397849.044									
1000	10181	2397849.044									
1000	10182	2397849.044									
1000	10183	2397996.464	1853-05-22 23:07:57	0.758222395	1.283477605	0.783239626º	1.309540601º	231.5164106	55.98225561	1.01297129	Grazing
1000	10184	2397996.464									
1000	10185	2397996.464									
1000	10186	2397996.464									
1000	10187	2397996.464									
1000	10188	2398025.751	1853-06-21 06:01:52	0.757148283	1.284551717	0.77587981º	1.300374423º	232.3297363	56.42838466	1.016459968	Umbral
1000	10189	2398173.265	1853-11-15 18:21:02	0.716774574	1.324925426	0.65518834º	1.194590922º	223.6853123	63.35902469	0.988367123	Grazing
1000	10190	2398173.265									
1000	10191	2398173.265									
1000	10192	2398173.265									
1000	10193	2398173.265									
1000	10194	2398351.157	1854-05-12 15:46:17	0.75259778	1.28910222	0.76217452º	1.289584907º	230.7889932	57.10429927	1.010840498	Umbral
1000	10195	2398351.157									
1000	10196	2398351.157									
1000	10197	2398351.157									
1000	10198	2398351.157									
1000	10199	2398380.469	1854-06-10 23:15:21	0.757836573	1.283863427	0.779404574º	1.304339724º	232.1509716	56.22521453	1.015606932	Grazing
1000	10200	2398527.384	1854-11-04 21:12:56	0.729962924	1.311737076	0.695494957º	1.23348148º	224.9501027	60.75087621	0.990968649	Umbral
1000	10201	2398527.384									

1000	10202	2398527.384									
1000	10203	2398527.384									
1000	10204	2398527.384									
1000	10205	2398705.671	1855-05-02 04:05:34	0.73788108	1.30381892	0.710078417º	1.238807856º	229.361481	60.12612023	1.008318695	Total
1000	10206	2398705.671									
1000	10207	2398705.671									
1000	10208	2398705.671									
1000	10209	2398705.671									
1000	10210	2398705.671									
1000	10211	2398881.812	1855-10-25 07:29:49	0.74603197	1.29566803	0.750082008º	1.286549118º	226.5060447	57.53177809	0.993775327	Total
1000	10212	2398881.812									
1000	10213	2398881.812									
1000	10214	2398881.812									
1000	10215	2398881.812									
1000	10216	2398881.812									
1000	10217	2399059.879	1856-04-20 09:06:24	0.723478862	1.318221138	0.664801403º	1.195045621º	227.8545013	63.01232695	1.005438174	Umbral
1000	10218	2399059.879									
1000	10219	2399059.879									
1000	10220	2399059.879									
1000	10221	2399059.879									
1000	10222	2399236.455	1856-10-13 22:54:53	0.754153059	1.287546941	0.779505783º	1.314398444º	227.570452	55.95423895	0.99670049	Umbral
1000	10223	2399236.455									
1000	10224	2399236.455									
1000	10225	2399236.455									
1000	10226	2399236.455									
1000	10227	2399236.455									
1000	10228	2399384.191	1857-03-10 16:35:34	0.72201022	1.31968978	0.66770496º	1.204121446º	225.203135	62.60993625	0.993869114	Grazing
1000	10229	2399384.191									
1000	10230	2399384.191									
1000	10231	2399384.191									
1000	10232	2399384.191									
1000	10233	2399413.884	1857-04-09 09:13:27	0.720159415	1.321540585	0.656464624º	1.18836762º	226.9911422	63.52700248	1.002302642	Penumbral
1000	10234	2399561.724	1857-09-04 05:23:04	0.745712303	1.295987697	0.738457285º	1.267433768º	229.6891957	58.41352009	1.007847786	Penumbral
1000	10235	2399561.724									
1000	10236	2399561.724									
1000	10237	2399561.724									
1000	10238	2399561.724									
1000	10239	2399591.123	1857-10-03 14:57:10	0.750051996	1.291648004	0.76113683º	1.294413931º	228.0220086	57.00022582	0.99971999	Penumbral
1000	10240	2399738.427	1858-02-27 22:14:53	0.73613758	1.30556242	0.716244654º	1.254184238º	225.3582181	59.4697542	0.991055119	Umbral
1000	10241	2399738.427									
1000	10242	2399738.427									
1000	10243	2399738.427									
1000	10244	2399738.427									
1000	10245	2399767.991	1858-03-29 11:46:59	0.730121947	1.311578053	0.690233112º	1.223830665º	226.8362271	61.2240824	0.999119606	Grazing

1000	10246	2399916.098	1858-08-24 14:21:21	0.731255218	1.310444782	0.686093947º	1.213714106º	229.50001	61.68285803	1.010438606	Umbral
1000	10247	2399916.098									
1000	10248	2399916.098									
1000	10249	2399916.098									
1000	10250	2400092.947	1859-02-17 10:43:49	0.748863462	1.292836538	0.764673653º	1.303974594º	225.5084725	56.64002826	0.988553398	Total
1000	10251	2400092.947									
1000	10252	2400092.947									
1000	10253	2400092.947									
1000	10254	2400092.947									
1000	10255	2400092.947									
1000	10256	2400270.19	1859-08-13 16:34:18	0.722819131	1.318880869	0.657589334º	1.184013047º	229.5659567	63.63697079	1.012735113	Total
1000	10257	2400270.19									
1000	10258	2400270.19									
1000	10259	2400270.19									
1000	10260	2400270.19									
1000	10261	2400270.19									
1000	10262	2400447.604	1860-02-07 02:30:01	0.751280925	1.290419075	0.775630782º	1.316066661º	225.186006	56.01476168	0.986477394	Umbral
1000	10263	2400447.604									
1000	10264	2400447.604									
1000	10265	2400447.604									
1000	10266	2400447.604									
1000	10267	2400447.604									
1000	10268	2400624.226	1860-08-01 17:25:25	0.727703789	1.313996211	0.671675806º	1.197153241º	230.2692633	62.70725069	1.014558842	Umbral
1000	10269	2400624.226									
1000	10270	2400624.226									
1000	10271	2400624.226									
1000	10272	2400624.226									
1000	10273	2400624.226									
1000	10274	2400772.649	1860-12-28 03:34:19	0.732852641	1.308847359	0.710072748º	1.252291446º	223.5088585	59.71593766	0.98323385	Penumbral
1000	10275	2400772.649									
1000	10276	2400772.649									
1000	10277	2400772.649									
1000	10278	2400802.204	1861-01-26 16:53:46	0.741499532	1.300200468	0.739623267º	1.280939854º	224.3138295	57.99162351	0.984872422	Penumbral
1000	10279	2400949.108	1861-06-22 14:35:36	0.749716131	1.291983869	0.746732613º	1.271201547º	231.9624565	58.0629175	1.016509737	Penumbral
1000	10280	2400949.108									
1000	10281	2400949.108									
1000	10282	2400949.108									
1000	10283	2400949.108									
1000	10284	2400978.494	1861-07-21 23:51:03	0.742189905	1.299510095	0.71946423º	1.244283755º	231.4211096	59.66891783	1.015830685	Penumbral
1000	10285	2401126.847	1861-12-17 08:19:03	0.718191176	1.323508824	0.662267734º	1.204191849º	222.7978489	62.79211885	0.983768323	Umbral
1000	10286	2401126.847									
1000	10287	2401126.847									
1000	10288	2401126.847									
1000	10289	2401126.847									

1000	10290	2401303.765	1862-06-12 06:20:58	0.758435836	1.283264164	0.781742455º	1.306619058º	232.2110064	56.10061756	1.015720219	Total
1000	10291	2401303.765									
1000	10292	2401303.765									
1000	10293	2401303.765									
1000	10294	2401303.765									
1000	10295	2401303.765									
1000	10296	2401480.82	1862-12-06 07:40:25	0.714500662	1.327199338	0.650431438º	1.191709462º	222.8285371	63.6230153	0.984942587	Total
1000	10297	2401480.82									
1000	10298	2401480.82									
1000	10299	2401480.82									
1000	10300	2401480.82									
1000	10301	2401480.82									
1000	10302	2401658.477	1863-06-01 23:26:25	0.755642208	1.286057792	0.771359069º	1.296892341º	231.7945343	56.64747073	1.014451047	Total
1000	10303	2401658.477									
1000	10304	2401658.477									
1000	10305	2401658.477									
1000	10306	2401658.477									
1000	10307	2401834.872	1863-11-25 08:56:00	0.725100457	1.316599543	0.682342729º	1.222694909º	223.7580451	61.51687806	0.986630198	Umbral
1000	10308	2401834.872									
1000	10309	2401834.872									
1000	10310	2401834.872									
1000	10311	2401834.872									
1000	10312	2401834.872									
1000	10313	2401983.567	1864-04-22 01:36:07	0.732744983	1.308955017	0.694387661º	1.224392219º	228.4940703	61.07218586	1.005892816	Penumbral
1000	10314	2401983.567									
1000	10315	2401983.567									
1000	10316	2401983.567									
1000	10317	2401983.567									
1000	10318	2402013.05	1864-05-21 13:11:42	0.742618346	1.299081654	0.723492499º	1.249922923º	230.6695697	59.3763693	1.012722201	Penumbral
1000	10319	2402159.772	1864-10-15 06:31:15	0.749944337	1.291755663	0.763147443º	1.298239034º	227.2788156	56.83895248	0.996329948	Penumbral
1000	10320	2402159.772									
1000	10321	2402159.772									
1000	10322	2402159.772									
1000	10323	2402159.772									
1000	10324	2402189.223	1864-11-13 17:21:41	0.741561222	1.300138778	0.737038724º	1.276216929º	225.181667	58.20204578	0.988778428	Penumbral
1000	10325	2402337.693	1865-04-11 04:38:00	0.720532056	1.321167944	0.657421372º	1.189043984º	227.0919051	63.47058415	1.002831266	Umbral
1000	10326	2402337.693									
1000	10327	2402337.693									
1000	10328	2402337.693									
1000	10329	2402337.693									
1000	10330	2402367.335	1865-05-10 20:01:46	0.727381055	1.314318945	0.673633403º	1.201226933º	229.2571877	62.50567135	1.010489605	Grazing
1000	10331	2402514.445	1865-10-04 22:40:08	0.754672256	1.287027744	0.779571928º	1.313039319º	228.1918843	55.98854019	0.999363386	Umbral
1000	10332	2402514.445									
1000	10333	2402514.445									

1000	10334	2402514.445									
1000	10335	2402691.69	1866-03-31 04:33:30	0.721320545	1.320379455	0.661867339º	1.195210461º	226.4313858	63.10749053	0.999596236	Total
1000	10336	2402691.69									
1000	10337	2402691.69									
1000	10338	2402691.69									
1000	10339	2402691.69									
1000	10340	2402691.69									
1000	10341	2402869.089	1866-09-24 14:07:37	0.747372022	1.294327978	0.748804449º	1.280640732º	228.5110444	57.73475589	1.002428368	Total
1000	10342	2402869.089									
1000	10343	2402869.089									
1000	10344	2402869.089									
1000	10345	2402869.089									
1000	10346	2402869.089									
1000	10347	2403045.867	1867-03-20 08:48:25	0.733849679	1.307850321	0.704629181º	1.239699758º	226.425044	60.26918666	0.996369079	Umbral
1000	10348	2403045.867									
1000	10349	2403045.867									
1000	10350	2403045.867									
1000	10351	2403045.867									
1000	10352	2403045.867									
1000	10353	2403223.518	1867-09-14 00:26:28	0.73310226	1.30859774	0.695858768º	1.22608759º	228.4222233	60.97138738	1.005467367	Umbral
1000	10354	2403223.518									
1000	10355	2403223.518									
1000	10356	2403223.518									
1000	10357	2403223.518									
1000	10358	2403223.518									
1000	10359	2403370.91	1868-02-08 09:50:10	0.750551267	1.291148733	0.772659611º	1.312984807º	225.1804975	56.17767038	0.986679469	Penumbral
1000	10360	2403370.91									
1000	10361	2403370.91									
1000	10362	2403370.91									
1000	10363	2403400.34	1868-03-08 20:09:49	0.747669557	1.294030443	0.756523418º	1.293201816º	226.5161601	57.16346307	0.993384082	Penumbral
1000	10364	2403548.006	1868-08-03 12:09:11	0.7231088	1.3185912	0.657364551º	1.18295755º	229.9654636	63.68109112	1.014335769	Penumbral
1000	10365	2403548.006									
1000	10366	2403548.006									
1000	10367	2403548.006									
1000	10368	2403548.006									
1000	10369	2403577.654	1868-09-02 03:41:42	0.722440289	1.319259711	0.659444011º	1.188159114º	228.5086338	63.43048529	1.008346035	Penumbral
1000	10370	2403725.568	1869-01-28 01:38:27	0.749380803	1.292319197	0.76916506º	1.310380477º	224.7887351	56.34302293	0.985056524	Umbral
1000	10371	2403725.568									
1000	10372	2403725.568									
1000	10373	2403725.568									
1000	10374	2403725.568									
1000	10375	2403754.991	1869-02-26 11:47:27	0.752768524	1.288931476	0.778534582º	1.316659527º	226.1596041	55.9205038	0.990713743	Grazing
1000	10376	2403902.085	1869-07-23 14:03:03	0.731463589	1.310236411	0.683040872º	1.207929083º	230.7513662	61.97104567	1.015697755	Umbral
1000	10377	2403902.085									

1000	10378	2403902.085									
1000	10379	2403902.085									
1000	10380	2403902.085									
1000	10381	2404080.116	1870-01-17 14:46:41	0.736880879	1.304819121	0.723687262º	1.26553192º	223.8585524	58.90772049	0.983912584	Total
1000	10382	2404080.116									
1000	10383	2404080.116									
1000	10384	2404080.116									
1000	10385	2404080.116									
1000	10386	2404080.116									
1000	10387	2404256.44	1870-07-12 22:34:01	0.746634433	1.295065567	0.735102887º	1.259599114º	231.8167578	58.74074001	1.016456841	Total
1000	10388	2404256.44									
1000	10389	2404256.44									
1000	10390	2404256.44									
1000	10391	2404256.44									
1000	10392	2404434.387	1871-01-06 21:16:54	0.720961693	1.320738307	0.671255897º	1.213436567º	222.8274306	62.18318631	0.983302812	Umbral
1000	10393	2404434.387									
1000	10394	2404434.387									
1000	10395	2404434.387									
1000	10396	2404434.387									
1000	10397	2404434.387									
1000	10398	2404581.78	1871-06-03 06:42:53	0.758681713	1.283018287	0.783705433º	1.309161406º	231.9465749	55.97972695	1.014600281	Grazing
1000	10399	2404581.78									
1000	10400	2404581.78									
1000	10401	2404581.78									
1000	10402	2404581.78									
1000	10403	2404611.061	1871-07-02 13:27:40	0.757629439	1.284070561	0.777561224º	1.30193385º	232.4271316	56.34021848	1.016696433	Umbral
1000	10404	2404758.593	1871-11-27 02:13:38	0.716565687	1.325134313	0.655809121º	1.196305473º	223.2390572	63.27927097	0.986367024	Grazing
1000	10405	2404758.593									
1000	10406	2404758.593									
1000	10407	2404758.593									
1000	10408	2404758.593									
1000	10409	2404788.389	1871-12-26 21:19:42	0.713611492	1.328088508	0.648688032º	1.190876571º	222.4497069	63.7126401	0.98328854	Penumbral
1000	10410	2404936.471	1872-05-22 23:18:37	0.752492508	1.289207492	0.760079692º	1.286383894º	231.2881575	57.25212406	1.01296508	Umbral
1000	10411	2404936.471									
1000	10412	2404936.471									
1000	10413	2404936.471									
1000	10414	2404936.471									
1000	10415	2404965.78	1872-06-21 06:43:15	0.757704653	1.283995347	0.778195581º	1.302699326º	232.342628	56.30226706	1.016442272	Grazing
1000	10416	2405112.722	1872-11-15 05:19:53	0.73013958	1.31156042	0.697675368º	1.237004619º	224.4334196	60.57172422	0.988501508	Umbral
1000	10417	2405112.722									
1000	10418	2405112.722									
1000	10419	2405112.722									
1000	10420	2405290.973	1873-05-12 11:21:03	0.737654713	1.304045287	0.70746618º	1.234879983º	229.9357857	60.32868376	1.010833949	Total
1000	10421	2405290.973									

1000	10422	2405290.973									
1000	10423	2405290.973									
1000	10424	2405290.973									
1000	10425	2405290.973									
1000	10426	2405467.16	1873-11-04 15:50:48	0.746002356	1.295697644	0.751949962º	1.2899327º	225.8972136	57.38386053	0.990975622	Total
1000	10427	2405467.16									
1000	10428	2405467.16									
1000	10429	2405467.16									
1000	10430	2405467.16									
1000	10431	2405467.16									
1000	10432	2405645.169	1874-05-01 16:03:56	0.723803162	1.317896838	0.663899059º	1.19267254º	228.5239247	63.12331902	1.008234711	Umbral
1000	10433	2405645.169									
1000	10434	2405645.169									
1000	10435	2405645.169									
1000	10436	2405645.169									
1000	10437	2405645.169									
1000	10438	2405821.803	1874-10-25 07:16:18	0.753488905	1.288211095	0.779080658º	1.315581641º	226.8766062	55.93433648	0.993712582	Total
1000	10439	2405821.803									
1000	10440	2405821.803									
1000	10441	2405821.803									
1000	10442	2405821.803									
1000	10443	2405969.507	1875-03-22 00:09:44	0.723529711	1.318170289	0.67055044º	1.205370247º	225.9434958	62.4724547	0.996836262	Grazing
1000	10444	2405969.507									
1000	10445	2405969.507									
1000	10446	2405969.507									
1000	10447	2405969.507									
1000	10448	2405999.177	1875-04-20 16:15:06	0.721376878	1.320323122	0.658218291º	1.188551746º	227.7413165	63.45968062	1.005268994	Penumbral
1000	10449	2406147.041	1875-09-15 12:58:27	0.744104322	1.297595678	0.734652939º	1.26509893º	228.9499721	58.59365848	1.005055721	Penumbral
1000	10450	2406147.041									
1000	10451	2406147.041									
1000	10452	2406147.041									
1000	10453	2406147.041									
1000	10454	2406176.461	1875-10-14 23:03:22	0.748674287	1.293025713	0.75810256º	1.293010787º	227.2655801	57.12423739	0.996671486	Penumbral
1000	10455	2406323.765	1876-03-10 06:21:17	0.737736743	1.303963257	0.719940465º	1.256405815º	226.0501269	59.2908642	0.993778586	Umbral
1000	10456	2406323.765									
1000	10457	2406323.765									
1000	10458	2406323.765									
1000	10459	2406323.765									
1000	10460	2406353.304	1876-04-08 19:17:43	0.731859349	1.309840651	0.69389271º	1.225870636º	227.6245769	61.04139737	1.002161465	Grazing
1000	10461	2406501.391	1876-09-03 21:23:24	0.729678676	1.312021324	0.682726721º	1.211658535º	228.8178991	61.86025554	1.007932901	Umbral
1000	10462	2406501.391									
1000	10463	2406501.391									
1000	10464	2406501.391									
1000	10465	2406501.391									

1000	10466	2406678.302	1877-02-27 19:15:01	0.74992848	1.29177152	0.767036227º	1.304994521º	226.0968722	56.54702002	0.991020649	Total
1000	10467	2406678.302									
1000	10468	2406678.302									
1000	10469	2406678.302									
1000	10470	2406678.302									
1000	10471	2406855.467	1877-08-23 23:12:13	0.721998089	1.319701911	0.656571419º	1.184114991º	229.0034712	63.66907289	1.010585297	Total
1000	10472	2406855.467									
1000	10473	2406855.467									
1000	10474	2406855.467									
1000	10475	2406855.467									
1000	10476	2406855.467									
1000	10477	2407032.966	1878-02-17 11:10:54	0.75158068	1.29011932	0.775294023º	1.314589474º	225.6527676	56.0632105	0.988563463	Umbral
1000	10478	2407032.966									
1000	10479	2407032.966									
1000	10480	2407032.966									
1000	10481	2407032.966									
1000	10482	2407032.966									
1000	10483	2407209.506	1878-08-13 00:08:00	0.72784709	1.31385291	0.673392023º	1.199761801º	229.858159	62.56238423	1.012838882	Umbral
1000	10484	2407209.506									
1000	10485	2407209.506									
1000	10486	2407209.506									
1000	10487	2407209.506									
1000	10488	2407209.506									
1000	10489	2407358.003	1879-01-08 12:04:59	0.732037718	1.309662282	0.707262º	1.249429141º	223.4768591	59.88948103	0.98332735	Penumbral
1000	10490	2407358.003									
1000	10491	2407358.003									
1000	10492	2407358.003									
1000	10493	2407358.003									
1000	10494	2407387.562	1879-02-07 01:28:40	0.741172722	1.300527278	0.737321202º	1.277758146º	224.6409547	58.14958012	0.986475451	Penumbral
1000	10495	2407534.41	1879-07-03 21:49:51	0.750600718	1.291099282	0.749893553º	1.274251069º	232.0690386	57.88433558	1.016725728	Penumbral
1000	10496	2407534.41									
1000	10497	2407534.41									
1000	10498	2407534.41									
1000	10499	2407563.79	1879-08-02 06:57:04	0.742790508	1.298909492	0.722556554º	1.248007068º	231.1578143	59.46223014	1.014610821	Penumbral
1000	10500	2407712.185	1879-12-28 16:26:53	0.717495791	1.324204209	0.660467072º	1.202673705º	222.6467445	62.9043458	0.983255729	Umbral
1000	10501	2407712.185									
1000	10502	2407712.185									
1000	10503	2407712.185									
1000	10504	2407712.185									
1000	10505	2407741.91	1880-01-27 09:50:33	0.72480824	1.31689176	0.682545022º	1.223882143º	223.358153	61.47221887	0.984835063	Grazing
1000	10506	2407889.076	1880-06-22 13:49:49	0.758829037	1.282870963	0.782722498º	1.307189305º	232.4162132	56.05881056	1.016513859	Total
1000	10507	2407889.076									
1000	10508	2407889.076									
1000	10509	2407889.076									

1000	10510	2407889.076									
1000	10511	2408066.153	1880-12-16 15:39:41	0.714383314	1.327316686	0.650731863º	1.192621999º	222.5906931	63.58123432	0.983830009	Total
1000	10512	2408066.153									
1000	10513	2408066.153									
1000	10514	2408066.153									
1000	10515	2408066.153									
1000	10516	2408066.153									
1000	10517	2408243.787	1881-06-12 06:53:51	0.755437438	1.286262562	0.769512365º	1.294388498º	232.0891836	56.76697972	1.015721127	Total
1000	10518	2408243.787									
1000	10519	2408243.787									
1000	10520	2408243.787									
1000	10521	2408243.787									
1000	10522	2408243.787									
1000	10523	2408420.214	1881-12-05 17:08:24	0.725430013	1.316269987	0.68443075º	1.225670151º	223.4321083	61.35366317	0.985012873	Umbral
1000	10524	2408420.214									
1000	10525	2408420.214									
1000	10526	2408420.214									
1000	10527	2408420.214									
1000	10528	2408568.868	1882-05-03 08:50:03	0.732658982	1.309041018	0.692122337º	1.220704779º	229.1317377	61.26229212	1.008599105	Grazing
1000	10529	2408568.868									
1000	10530	2408568.868									
1000	10531	2408568.868									
1000	10532	2408568.868									
1000	10533	2408598.349	1882-06-01 20:22:31	0.742168153	1.299531847	0.72053833º	1.2460892º	231.0626875	59.58154791	1.014417079	Penumbral
1000	10534	2408745.118	1882-10-26 14:49:26	0.749734656	1.291965344	0.764535624º	1.301195397º	226.6111799	56.71953456	0.993418558	Grazing
1000	10535	2408745.118									
1000	10536	2408745.118									
1000	10537	2408745.118									
1000	10538	2408745.118									
1000	10539	2408774.577	1882-11-25 01:51:11	0.741771178	1.299928822	0.739275457º	1.279582596º	224.7388974	58.04045132	0.986712443	Penumbral
1000	10540	2408922.985	1883-04-22 11:38:44	0.721136876	1.320563124	0.657272296º	1.187364986º	227.8088504	63.53316326	1.005725579	Umbral
1000	10541	2408922.985									
1000	10542	2408922.985									
1000	10543	2408922.985									
1000	10544	2408922.985									
1000	10545	2408952.618	1883-05-22 02:50:38	0.727363499	1.314336501	0.671995146º	1.198485267º	229.7794192	62.65206195	1.012607371	Grazing
1000	10546	2409099.788	1883-10-16 06:54:18	0.75377812	1.28792188	0.778326252º	1.313406617º	227.4605722	56.01249885	0.996350854	Umbral
1000	10547	2409099.788									
1000	10548	2409099.788									
1000	10549	2409099.788									
1000	10550	2409099.788									
1000	10551	2409276.991	1884-04-10 11:46:52	0.722758875	1.318941125	0.66430347º	1.196037655º	227.2039323	62.99601054	1.002620844	Total
1000	10552	2409276.991									
1000	10553	2409276.991									

1000	10554	2409276.991									
1000	10555	2409276.991									
1000	10556	2409454.418	1884-10-04 22:02:09	0.745825074	1.295874926	0.745259197º	1.278733181º	227.735457	57.89108505	0.999351034	Total
1000	10557	2409454.418									
1000	10558	2409454.418									
1000	10559	2409454.418									
1000	10560	2409454.418									
1000	10561	2409454.418									
1000	10562	2409631.19	1885-03-30 16:34:02	0.735585651	1.306114349	0.708474699º	1.24188314º	227.203415	60.08196491	0.999473831	Umbral
1000	10563	2409631.19									
1000	10564	2409631.19									
1000	10565	2409631.19									
1000	10566	2409631.19									
1000	10567	2409631.19									
1000	10568	2409808.825	1885-09-24 07:48:41	0.731371391	1.310328609	0.692137603º	1.223965905º	227.6460862	61.15823112	1.002443411	Umbral
1000	10569	2409808.825									
1000	10570	2409808.825									
1000	10571	2409808.825									
1000	10572	2409808.825									
1000	10573	2409808.825									
1000	10574	2409956.27	1886-02-18 18:29:18	0.751342496	1.290357504	0.774255314º	1.313385143º	225.6792864	56.12354218	0.988867152	Penumbral
1000	10575	2409956.27									
1000	10576	2409956.27									
1000	10577	2409956.27									
1000	10578	2409956.27									
1000	10579	2409985.684	1886-03-20 04:24:29	0.749014119	1.292685881	0.759544286º	1.294606881º	227.2360439	57.03960472	0.996383942	Penumbral
1000	10580	2410133.279	1886-08-14 18:42:06	0.722653072	1.319046928	0.657212831º	1.183762366º	229.5070279	63.65874545	1.012493113	Penumbral
1000	10581	2410133.279									
1000	10582	2410133.279									
1000	10583	2410133.279									
1000	10584	2410162.941	1886-09-13 10:34:41	0.721259449	1.320440551	0.657672188º	1.187858052º	227.7985547	63.50237391	1.005548834	Penumbral
1000	10585	2410310.932	1887-02-08 10:22:08	0.749404626	1.292295374	0.768049054º	1.308332039º	225.1526561	56.42885468	0.986756556	Umbral
1000	10586	2410310.932									
1000	10587	2410310.932									
1000	10588	2410310.932									
1000	10589	2410310.932									
1000	10590	2410340.345	1887-03-09 20:16:50	0.753385627	1.288314373	0.778962452º	1.315599252º	226.7926507	55.93706201	0.993461084	Grazing
1000	10591	2410487.367	1887-08-03 20:49:04	0.731897045	1.309802955	0.685432565º	1.210999109º	230.4577825	61.79233492	1.014386824	Umbral
1000	10592	2410487.367									
1000	10593	2410487.367									
1000	10594	2410487.367									
1000	10595	2410487.367									
1000	10596	2410665.472	1888-01-28 23:19:25	0.736368782	1.305331218	0.721123911º	1.262344537º	224.0725583	59.07875401	0.985047044	Total
1000	10597	2410665.472									

1000	10598	2410665.472									
1000	10599	2410665.472									
1000	10600	2410665.472									
1000	10601	2410665.472									
1000	10602	2410841.74	1888-07-23 05:44:59	0.747317177	1.294382823	0.738248036º	1.263115402º	231.6678685	58.54487389	1.015738094	Total
1000	10603	2410841.74									
1000	10604	2410841.74									
1000	10605	2410841.74									
1000	10606	2410841.74									
1000	10607	2410841.74									
1000	10608	2411019.729	1889-01-17 05:29:18	0.720451302	1.321248698	0.669310992º	1.211195578º	222.916744	62.32186583	0.983840086	Umbral
1000	10609	2411019.729									
1000	10610	2411019.729									
1000	10611	2411019.729									
1000	10612	2411019.729									
1000	10613	2411196.371	1889-07-12 20:54:03	0.757926648	1.283773352	0.778978743º	1.3034584º	232.3830179	56.26047244	1.016488953	Umbral
1000	10614	2411196.371									
1000	10615	2411196.371									
1000	10616	2411196.371									
1000	10617	2411196.371									
1000	10618	2411196.371									
1000	10619	2411343.925	1889-12-07 10:12:19	0.71653075	1.32516925	0.656640893º	1.198013249º	222.9060233	63.19267296	0.984770964	Grazing
1000	10620	2411343.925									
1000	10621	2411343.925									
1000	10622	2411343.925									
1000	10623	2411343.925									
1000	10624	2411373.723	1890-01-06 05:21:18	0.713620184	1.328079816	0.648723219º	1.190930339º	222.4456919	63.70955718	0.983254845	Penumbral
1000	10625	2411521.781	1890-06-03 06:45:06	0.75223999	1.28946001	0.757752067º	1.283181676º	231.6791146	57.40737194	1.014651191	Penumbral
1000	10626	2411521.781									
1000	10627	2411521.781									
1000	10628	2411521.781									
1000	10629	2411521.781									
1000	10630	2411551.09	1890-07-02 14:09:13	0.757390678	1.284309322	0.776690366º	1.3010481º	232.395175	56.38795219	1.016725306	Penumbral
1000	10631	2411698.066	1890-11-26 13:34:24	0.730427562	1.311272438	0.69996493º	1.240411754º	224.0129908	60.39377558	0.986457416	Total Penumbral
1000	10632	2411698.066									
1000	10633	2411698.066									
1000	10634	2411698.066									
1000	10635	2411698.066									
1000	10636	2411876.27	1891-05-23 18:28:38	0.737327492	1.304372508	0.704750061º	1.231075644º	230.4237153	60.53206601	1.01292393	Total
1000	10637	2411876.27									
1000	10638	2411876.27									
1000	10639	2411876.27									
1000	10640	2411876.27									
1000	10641	2412052.514	1891-11-16 00:19:27	0.746022663	1.295677337	0.753793125º	1.293087473º	225.3635755	57.24375732	0.988565484	Total

1000	10642	2412052.514									
1000	10643	2412052.514									
1000	10644	2412052.514									
1000	10645	2412052.514									
1000	10646	2412052.514									
1000	10647	2412230.453	1892-05-11 22:52:55	0.724087016	1.317612984	0.66302559º	1.190515146º	229.1326395	63.22639672	1.010688784	Umbral
1000	10648	2412230.453									
1000	10649	2412230.453									
1000	10650	2412230.453									
1000	10651	2412230.453									
1000	10652	2412230.453									
1000	10653	2412407.156	1892-11-04 15:45:03	0.752841108	1.288858892	0.77855507º	1.316535059º	226.2371306	55.92324997	0.990980684	Total
1000	10654	2412407.156									
1000	10655	2412407.156									
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1000	10658	2412407.156									
1000	10659	2412554.817	1893-04-01 07:36:16	0.725116925	1.316583075	0.673553082º	1.206742573º	226.7161022	62.32623681	0.999884257	Grazing
1000	10660	2412554.817									
1000	10661	2412554.817									
1000	10662	2412554.817									
1000	10663	2412554.817									
1000	10664	2412732.361	1893-09-25 20:40:00	0.742444361	1.299255639	0.730800531º	1.262829671º	228.1763596	58.77442448	1.002064995	Penumbral
1000	10665	2412732.361									
1000	10666	2412732.361									
1000	10667	2412732.361									
1000	10668	2412732.361									
1000	10669	2412761.803	1893-10-25 07:16:36	0.74730414	1.29439586	0.755021758º	1.291520958º	226.5410599	57.25251464	0.993715887	Penumbral
1000	10670	2412909.098	1894-03-21 14:20:57	0.739392134	1.302307866	0.723734612º	1.258602442º	226.7950172	59.11082013	0.996746762	Umbral
1000	10671	2412909.098									
1000	10672	2412909.098									
1000	10673	2412909.098									
1000	10674	2412909.098									
1000	10675	2412938.612	1894-04-20 02:41:35	0.733596731	1.308103269	0.697629922º	1.228046077º	228.4019928	60.85306552	1.005112256	Grazing
1000	10676	2413086.688	1894-09-15 04:31:12	0.72805771	1.31364229	0.679410484º	1.209814928º	228.078537	62.03006862	1.005134447	Umbral
1000	10677	2413086.688									
1000	10678	2413086.688									
1000	10679	2413086.688									
1000	10680	2413086.688									
1000	10681	2413263.653	1895-03-11 03:39:44	0.751041188	1.290658812	0.76936789º	1.305830928º	226.7582877	56.46012552	0.993782871	Total
1000	10682	2413263.653									
1000	10683	2413263.653									
1000	10684	2413263.653									
1000	10685	2413263.653									

1000	10686	2413263.653									
1000	10687	2413440.748	1895-09-04 05:56:31	0.721124897	1.320575103	0.6556198º	1.184483601º	228.3604834	63.68971492	1.008062524	Total
1000	10688	2413440.748									
1000	10689	2413440.748									
1000	10690	2413440.748									
1000	10691	2413440.748									
1000	10692	2413618.323	1896-02-28 19:45:32	0.751939804	1.289760196	0.774893975º	1.312841757º	226.2111598	56.12068448	0.991040016	Umbral
1000	10693	2413618.323									
1000	10694	2413618.323									
1000	10695	2413618.323									
1000	10696	2413618.323									
1000	10697	2413618.323									
1000	10698	2413794.79	1896-08-23 06:57:24	0.727898037	1.313801963	0.675102166º	1.202591914º	229.3450651	62.41107415	1.010688414	Umbral
1000	10699	2413794.79									
1000	10700	2413794.79									
1000	10701	2413794.79									
1000	10702	2413794.79									
1000	10703	2413794.79									
1000	10704	2413943.357	1897-01-18 20:33:32	0.731374701	1.310325299	0.704611208º	1.246403169º	223.5752591	60.06405956	0.984008283	Penumbral
1000	10705	2413943.357									
1000	10706	2413943.357									
1000	10707	2413943.357									
1000	10708	2413943.357									
1000	10709	2413972.915	1897-02-17 09:57:36	0.740944161	1.300755839	0.735068245º	1.274349422º	225.0755963	58.31350096	0.988589628	Penumbral
1000	10710	2414119.712	1897-07-14 05:05:39	0.751311623	1.290388377	0.752845712º	1.277374041º	232.0344388	57.71077772	1.01639463	Penumbral
1000	10711	2414119.712									
1000	10712	2414119.712									
1000	10713	2414119.712									
1000	10714	2414119.712									
1000	10715	2414149.089	1897-08-12 14:08:38	0.743247652	1.298452348	0.725495588º	1.251855185º	230.7734681	59.25790151	1.012858473	Penumbral
1000	10716	2414297.524	1898-01-08 00:34:35	0.716998974	1.324701026	0.658937812º	1.201088308º	222.6290356	63.00993532	0.98335754	Umbral
1000	10717	2414297.524									
1000	10718	2414297.524									
1000	10719	2414297.524									
1000	10720	2414327.251	1898-02-06 18:02:07	0.724481571	1.317218429	0.680516055º	1.220939757º	223.6772107	61.6330715	0.986499621	Grazing
1000	10721	2414474.387	1898-07-03 21:17:46	0.759038979	1.282661021	0.783383746º	1.307751195º	232.4822089	56.02592475	1.016706468	Umbral
1000	10722	2414474.387									
1000	10723	2414474.387									
1000	10724	2414474.387									
1000	10725	2414474.387									
1000	10726	2414651.487	1898-12-27 23:41:47	0.714469451	1.327230549	0.651304704º	1.193493845º	222.4833191	63.53140745	0.983287449	Total
1000	10727	2414651.487									
1000	10728	2414651.487									
1000	10729	2414651.487									

1000	10730	2414651.487									
1000	10731	2414651.487									
1000	10732	2414829.096	1899-06-23 14:17:52	0.755058795	1.286641205	0.767406067º	1.291879039º	232.2506941	56.89440096	1.016501909	Total
1000	10733	2414829.096									
1000	10734	2414829.096									
1000	10735	2414829.096									
1000	10736	2414829.096									
1000	10737	2414829.096									
1000	10738	2415005.56	1899-12-17 01:25:53	0.72591564	1.31578436	0.686676827º	1.228555674º	223.2273264	61.18905098	0.983850507	Umbral
1000	10739	2415005.56									
1000	10740	2415005.56									
1000	10741	2415005.56									
1000	10742	2415005.56									
1000	10743	2415005.56									
1000	10744	2415154.163	1900-05-14 15:55:11	0.732503339	1.309196661	0.689832149º	1.217125426º	229.7037127	61.45093646	1.011065001	Grazing
1000	10745	2415154.163									
1000	10746	2415154.163									
1000	10747	2415154.163									
1000	10748	2415183.644	1900-06-13 03:27:37	0.741576679	1.300123321	0.717478371º	1.242344264º	231.3356307	59.78872395	1.015740943	Total Penumbral
1000	10749	2415330.469	1900-11-06 23:15:34	0.749547786	1.292152214	0.765805985º	1.303966286º	226.000368	56.60891339	0.990648653	Grazing
1000	10750	2415330.469									
1000	10751	2415330.469									
1000	10752	2415330.469									
1000	10753	2415330.469									
1000	10754	2415359.935	1900-12-06 10:26:36	0.742076779	1.299623221	0.741511644º	1.282761392º	224.4026881	57.88507443	0.984994043	Penumbral
1000	10755	2415508.271	1901-05-03 18:30:38	0.721732134	1.319967866	0.657230744º	1.185857102º	228.4869341	63.58624717	1.008515314	Total Penumbral
1000	10756	2415508.271									
1000	10757	2415508.271									
1000	10758	2415508.271									
1000	10759	2415508.271									
1000	10760	2415537.898	1901-06-02 09:32:36	0.727256036	1.314443964	0.670386118º	1.195938425º	230.2006646	62.79163308	1.014414303	Grazing
1000	10761	2415685.136	1901-10-27 15:15:53	0.75288057	1.28881943	0.776936252º	1.313620417º	226.7638744	56.04447668	0.993373407	Umbral
1000	10762	2415685.136									
1000	10763	2415685.136									
1000	10764	2415685.136									
1000	10765	2415685.136									
1000	10766	2415862.287	1902-04-22 18:52:35	0.724215729	1.317484271	0.666871259º	1.197045369º	227.9630389	62.87438002	1.005571128	Total
1000	10767	2415862.287									
1000	10768	2415862.287									
1000	10769	2415862.287									
1000	10770	2415862.287									
1000	10771	2415862.287									
1000	10772	2416039.753	1902-10-17 06:03:37	0.74427048	1.29742952	0.741703943º	1.276788385º	226.9710864	58.04961798	0.996343262	Total
1000	10773	2416039.753									

1000	10774	2416039.753									
1000	10775	2416039.753									
1000	10776	2416039.753									
1000	10777	2416216.509	1903-04-12 00:12:42	0.737335898	1.304364102	0.712360562º	1.244171772º	227.9919367	59.89145331	1.002475631	Umbral
1000	10778	2416216.509									
1000	10779	2416216.509									
1000	10780	2416216.509									
1000	10781	2416216.509									
1000	10782	2416216.509									
1000	10783	2416394.137	1903-10-06 15:17:43	0.72964092	1.31205908	0.688528981º	1.221953721º	226.8580265	61.33907528	0.99944329	Umbral
1000	10784	2416394.137									
1000	10785	2416394.137									
1000	10786	2416394.137									
1000	10787	2416394.137									
1000	10788	2416394.137									
1000	10789	2416541.627	1904-03-02 03:02:32	0.75219449	1.28950551	0.775781112º	1.313576612º	226.2672637	56.07698196	0.991320637	Penumbral
1000	10790	2416541.627									
1000	10791	2416541.627									
1000	10792	2416541.627									
1000	10793	2416541.627									
1000	10794	2416571.022	1904-03-31 12:32:02	0.750366088	1.291333912	0.762491474º	1.295940719º	227.9886823	56.92029847	0.99939738	Penumbral
1000	10795	2416718.556	1904-08-26 01:20:58	0.722124199	1.319575801	0.657139111º	1.184810087º	228.9500464	63.62535264	1.010341297	Grazing
1000	10796	2416718.556									
1000	10797	2416718.556									
1000	10798	2416718.556									
1000	10799	2416718.556									
1000	10800	2416748.233	1904-09-24 17:35:18	0.720075174	1.321624826	0.656027725º	1.187756854º	227.0519314	63.56313688	1.002630378	Penumbral
1000	10801	2416896.292	1905-02-19 19:00:20	0.749506634	1.292193366	0.766890085º	1.306018078º	225.6215123	56.52332244	0.988870519	Umbral
1000	10802	2416896.292									
1000	10803	2416896.292									
1000	10804	2416896.292									
1000	10805	2416925.694	1905-03-21 04:38:46	0.754020025	1.287679975	0.779269819º	1.314326923º	227.4810306	55.96251544	0.996394166	Grazing
1000	10806	2417072.653	1905-08-15 03:41:00	0.732213769	1.309486231	0.687784601º	1.214272463º	230.0471775	61.60940926	1.012611717	Umbral
1000	10807	2417072.653									
1000	10808	2417072.653									
1000	10809	2417072.653									
1000	10810	2417072.653									
1000	10811	2417250.824	1906-02-09 07:47:14	0.7359801	1.3057199	0.718671002º	1.258951493º	224.4048494	59.25355669	0.986761112	Total
1000	10812	2417250.824									
1000	10813	2417250.824									
1000	10814	2417250.824									
1000	10815	2417250.824									
1000	10816	2417250.824									
1000	10817	2417427.042	1906-08-04 13:00:11	0.747838921	1.293861079	0.741182696º	1.266744936º	231.3870974	58.35322828	1.014395132	Total

1000	10818	2417427.042									
1000	10819	2417427.042									
1000	10820	2417427.042									
1000	10821	2417427.042									
1000	10822	2417427.042									
1000	10823	2417605.068	1907-01-29 13:38:08	0.720123024	1.321576976	0.667612962º	1.208854038º	223.1352215	62.45617646	0.985009827	Umbral
1000	10824	2417605.068									
1000	10825	2417605.068									
1000	10826	2417605.068									
1000	10827	2417605.068									
1000	10828	2417781.682	1907-07-25 04:22:13	0.75804134	1.28365866	0.780090167º	1.304976912º	232.1996192	56.18945455	1.015700593	Umbral
1000	10829	2417781.682									
1000	10830	2417781.682									
1000	10831	2417781.682									
1000	10832	2417781.682									
1000	10833	2417781.682									
1000	10834	2417929.261	1907-12-19 18:15:37	0.716683215	1.325016785	0.657728556º	1.199664112º	222.6968557	63.09943652	0.983747555	Grazing
1000	10835	2417929.261									
1000	10836	2417929.261									
1000	10837	2417929.261									
1000	10838	2417929.261									
1000	10839	2417959.057	1908-01-18 13:22:06	0.713839698	1.327860302	0.649043047º	1.190943485º	222.5755867	63.69790061	0.983811308	Penumbral
1000	10840	2418107.088	1908-06-14 14:06:50	0.751826763	1.289873237	0.755193353º	1.280000143º	231.9467016	57.56949387	1.015855335	Penumbral
1000	10841	2418107.088									
1000	10842	2418107.088									
1000	10843	2418107.088									
1000	10844	2418107.088									
1000	10845	2418136.399	1908-07-13 21:34:26	0.756893272	1.284806728	0.774902682º	1.299387603º	232.3063071	56.48192691	1.016478752	Penumbral
1000	10846	2418283.413	1908-12-07 21:55:14	0.730843755	1.310856245	0.702367433º	1.243695169º	223.7030325	60.21713691	0.984852137	Total Penumbral
1000	10847	2418283.413									
1000	10848	2418283.413									
1000	10849	2418283.413									
1000	10850	2418283.413									
1000	10851	2418313.077	1909-01-06 13:51:28	0.722192143	1.319507857	0.675024979º	1.21722628º	222.9178661	61.93416541	0.983265398	Grazing
1000	10852	2418461.562	1909-06-04 01:29:20	0.736882268	1.304817732	0.701957209º	1.227398363º	230.8062932	60.73529501	1.014628894	Total
1000	10853	2418461.562									
1000	10854	2418461.562									
1000	10855	2418461.562									
1000	10856	2418637.871	1909-11-27 08:54:46	0.746113416	1.295586584	0.755592134º	1.29602933º	224.9230033	57.11146545	0.986474991	Total
1000	10857	2418637.871									
1000	10858	2418637.871									
1000	10859	2418637.871									
1000	10860	2418637.871									
1000	10861	2418637.871									

1000	10862	2418815.732	1910-05-24 05:34:22	0.724307732	1.317392268	0.66219544°	1.188579816°	229.6583962	63.32076384	1.012810794	Total
1000	10863	2418815.732									
1000	10864	2418815.732									
1000	10865	2418815.732									
1000	10866	2418815.732									
1000	10867	2418815.732									
1000	10868	2418992.514	1910-11-17 00:20:33	0.752233397	1.289466603	0.777941432°	1.317250129°	225.6726051	55.92086099	0.988539182	Total
1000	10869	2418992.514									
1000	10870	2418992.514									
1000	10871	2418992.514									
1000	10872	2418992.514									
1000	10873	2418992.514									
1000	10874	2419140.122	1911-04-13 14:55:19	0.726741052	1.314958948	0.676688796°	1.208263258°	227.4968665	62.17139948	1.002922104	Grazing
1000	10875	2419140.122									
1000	10876	2419140.122									
1000	10877	2419140.122									
1000	10878	2419140.122									
1000	10879	2419169.748	1911-05-13 05:56:25	0.723775999	1.317924001	0.662029707°	1.189599905°	229.111613	63.29184452	1.010534294	Penumbral
1000	10880	2419317.686	1911-10-08 04:28:13	0.740761906	1.300938094	0.726942562°	1.260604597°	227.3928609	58.9551746	0.998998883	Grazing
1000	10881	2419317.686									
1000	10882	2419317.686									
1000	10883	2419317.686									
1000	10884	2419347.15	1911-11-06 15:36:36	0.745968652	1.295731348	0.751928539°	1.289922442°	225.870768	57.38475581	0.990955054	Penumbral
1000	10885	2419494.426	1912-04-01 22:13:40	0.741075175	1.300624825	0.727583627°	1.26080907°	227.5704504	58.92992716	0.99981684	Umbral
1000	10886	2419494.426									
1000	10887	2419494.426									
1000	10888	2419494.426									
1000	10889	2419494.426									
1000	10890	2419523.916	1912-05-01 09:59:11	0.735303628	1.306396372	0.701430902°	1.230356737°	229.144008	60.65964875	1.007944295	Grazing
1000	10891	2419671.99	1912-09-26 11:45:37	0.726421647	1.315278353	0.676178064°	1.208161428°	227.3057896	62.19178413	1.002151219	Umbral
1000	10892	2419671.99									
1000	10893	2419671.99									
1000	10894	2419671.99									
1000	10895	2419671.99									
1000	10896	2419848.998	1913-03-22 11:57:26	0.752176938	1.289523062	0.771641842°	1.306502095°	227.4722177	56.37953253	0.996760884	Total
1000	10897	2419848.998									
1000	10898	2419848.998									
1000	10899	2419848.998									
1000	10900	2419848.998									
1000	10901	2419848.998									
1000	10902	2420026.034	1913-09-15 12:48:20	0.720224652	1.321475348	0.654756987°	1.185087873°	227.6594391	63.69915245	1.005273862	Total
1000	10903	2420026.034									
1000	10904	2420026.034									
1000	10905	2420026.034									

1000	10906	2420026.034									
1000	10907	2420026.034									
1000	10908	2420203.676	1914-03-12 04:13:02	0.752337224	1.289362776	0.77440387º	1.310850058º	226.8429824	56.18725798	0.993814085	Umbral
1000	10909	2420203.676									
1000	10910	2420203.676									
1000	10911	2420203.676									
1000	10912	2420203.676									
1000	10913	2420380.08	1914-09-04 13:54:46	0.727875234	1.313824766	0.676815738º	1.205607914º	228.7495811	62.25427241	1.008199066	Umbral
1000	10914	2420380.08									
1000	10915	2420380.08									
1000	10916	2420380.08									
1000	10917	2420380.08									
1000	10918	2420380.08									
1000	10919	2420528.707	1915-01-31 04:58:20	0.73085875	1.31084125	0.702097213º	1.243231699º	223.7998918	60.23984909	0.985203848	Penumbral
1000	10920	2420528.707									
1000	10921	2420528.707									
1000	10922	2420528.707									
1000	10923	2420528.707									
1000	10924	2420558.263	1915-03-01 18:19:23	0.740796499	1.300903501	0.732808759º	1.270772835º	225.6029473	58.48340763	0.991009998	Penumbral
1000	10925	2420705.017	1915-07-26 12:24:15	0.751849495	1.289850505	0.755593926º	1.280535714º	231.8611727	57.5430005	1.015594091	Penumbral
1000	10926	2420705.017									
1000	10927	2420705.017									
1000	10928	2420705.017									
1000	10929	2420705.017									
1000	10930	2420734.394	1915-08-24 21:26:52	0.743574701	1.298125299	0.728319997º	1.255757167º	230.2835778	59.05683116	1.010789167	Penumbral
1000	10931	2420882.861	1916-01-20 08:40:26	0.716700963	1.324999037	0.657648056º	1.199463123º	222.7445248	63.10898796	0.98396632	Umbral
1000	10932	2420882.861									
1000	10933	2420882.861									
1000	10934	2420882.861									
1000	10935	2420882.861									
1000	10936	2420912.588	1916-02-19 02:07:11	0.72430069	1.31739931	0.678618925º	1.217946515º	224.1072258	61.79206857	0.988504551	Grazing
1000	10937	2421059.699	1916-07-15 04:46:02	0.759063347	1.282636653	0.783756443º	1.308266901º	232.4068898	56.00211565	1.016429262	Umbral
1000	10938	2421059.699									
1000	10939	2421059.699									
1000	10940	2421059.699									
1000	10941	2421236.823	1917-01-08 07:45:02	0.714763397	1.326936603	0.652153452º	1.194321249º	222.5098322	63.47357943	0.983326159	Total
1000	10942	2421236.823									
1000	10943	2421236.823									
1000	10944	2421236.823									
1000	10945	2421236.823									
1000	10946	2421236.823									
1000	10947	2421414.403	1917-07-04 21:39:42	0.754501126	1.287198874	0.765029249º	1.289396607º	232.2724667	57.02924458	1.016706645	Total
1000	10948	2421414.403									
1000	10949	2421414.403									

1000	10950	2421414.403									
1000	10951	2421414.403									
1000	10952	2421414.403									
1000	10953	2421590.908	1917-12-28 09:46:51	0.726565963	1.315134037	0.689128744º	1.231305303º	223.1508533	61.02299224	0.983310269	Total
1000	10954	2421590.908									
1000	10955	2421590.908									
1000	10956	2421590.908									
1000	10957	2421590.908									
1000	10958	2421590.908									
1000	10959	2421768.936	1918-06-24 10:28:14	0.740835027	1.300864973	0.714263238º	1.238771057º	231.4770898	59.99692807	1.016434374	Umbral
1000	10960	2421768.936									
1000	10961	2421768.936									
1000	10962	2421768.936									
1000	10963	2421768.936									
1000	10964	2421768.936									
1000	10965	2421915.826	1918-11-18 07:48:56	0.749406761	1.292293239	0.767033332º	1.306471744º	225.4668152	56.5070911	0.988301476	Grazing
1000	10966	2421915.826									
1000	10967	2421915.826									
1000	10968	2421915.826									
1000	10969	2421945.296	1918-12-17 19:06:31	0.742491511	1.299208489	0.743828726º	1.285671134º	224.1843399	57.73580115	0.98391667	Penumbral
1000	10970	2422093.552	1919-05-15 01:14:36	0.722291871	1.319408129	0.657229898º	1.184605106º	229.1021801	63.62921395	1.010907926	Penumbral
1000	10971	2422093.552									
1000	10972	2422093.552									
1000	10973	2422093.552									
1000	10974	2422093.552									
1000	10975	2422123.173	1919-06-13 16:09:00	0.727043759	1.314656241	0.668749982º	1.193667631º	230.5047533	62.92348848	1.015640796	Grazing
1000	10976	2422270.489	1919-11-07 23:44:33	0.752005384	1.289694616	0.775472655º	1.313616917º	226.1241714	56.08428176	0.990678179	Umbral
1000	10977	2422270.489									
1000	10978	2422270.489									
1000	10979	2422270.489									
1000	10980	2422270.489									
1000	10981	2422447.577	1920-05-03 01:51:23	0.725660905	1.316039095	0.669543193º	1.198260463º	228.6840461	62.74275745	1.008341903	Total
1000	10982	2422447.577									
1000	10983	2422447.577									
1000	10984	2422447.577									
1000	10985	2422447.577									
1000	10986	2422447.577									
1000	10987	2422625.092	1920-10-27 14:12:02	0.742737077	1.298962923	0.738136945º	1.274823684º	226.2415271	58.20993687	0.993368643	Total
1000	10988	2422625.092									
1000	10989	2422625.092									
1000	10990	2422625.092									
1000	10991	2422625.092									
1000	10992	2422625.092									
1000	10993	2422801.823	1921-04-22 07:44:43	0.739069895	1.302630105	0.716309833º	1.246527315º	228.7661809	59.69817392	1.005488871	Total

1000	10994	2422801.823									
1000	10995	2422801.823									
1000	10996	2422801.823									
1000	10997	2422801.823									
1000	10998	2422979.454	1921-10-16 22:53:55	0.727941836	1.313758164	0.685004889º	1.22008834º	226.0825535	61.51352173	0.996345106	Umbral
1000	10999	2422979.454									
1000	11000	2422979.454									
1000	11001	2422979.454									
1000	11002	2422979.454									
1000	11003	2422979.454									
1000	11004	2423126.979	1922-03-13 11:29:05	0.753085337	1.288614663	0.777267353º	1.313522638º	226.9261078	56.0381032	0.994167877	Penumbral
1000	11005	2423126.979									
1000	11006	2423126.979									
1000	11007	2423126.979									
1000	11008	2423126.979									
1000	11009	2423156.356	1922-04-11 20:32:28	0.751697387	1.290002613	0.765376653º	1.297175727º	228.7503257	56.80592047	1.002498508	Penumbral
1000	11010	2423303.838	1922-09-06 08:07:02	0.72154345	1.32015655	0.657102718º	1.186129209º	228.3146726	63.58139048	1.007752517	Grazing
1000	11011	2423303.838									
1000	11012	2423303.838									
1000	11013	2423303.838									
1000	11014	2423303.838									
1000	11015	2423333.531	1922-10-06 00:44:13	0.71891702	1.32278298	0.654495671º	1.187863831º	226.2936592	63.61294709	0.999549314	Penumbral
1000	11016	2423481.647	1923-03-03 03:31:58	0.749668782	1.292031218	0.765679527º	1.303447646º	226.1798791	56.62650448	0.991371112	Umbral
1000	11017	2423481.647									
1000	11018	2423481.647									
1000	11019	2423481.647									
1000	11020	2423481.647									
1000	11021	2423511.037	1923-04-01 12:52:56	0.754646208	1.287053792	0.779435514º	1.312861237º	228.2019984	55.99696441	0.99944145	Grazing
1000	11022	2423657.945	1923-08-26 10:40:05	0.732428174	1.309271826	0.690104483º	1.217712179º	229.535855	61.4232903	1.010462475	Umbral
1000	11023	2423657.945									
1000	11024	2423657.945									
1000	11025	2423657.945									
1000	11026	2423836.173	1924-02-20 16:08:42	0.735701086	1.305998914	0.716270192º	1.255412141º	224.8439018	59.4321888	0.988844922	Total
1000	11027	2423836.173									
1000	11028	2423836.173									
1000	11029	2423836.173									
1000	11030	2423836.173									
1000	11031	2423836.173									
1000	11032	2424012.348	1924-08-14 20:20:47	0.748209239	1.293490761	0.743957401º	1.270405837º	230.9861296	58.16660533	1.012687552	Total
1000	11033	2424012.348									
1000	11034	2424012.348									
1000	11035	2424012.348									
1000	11036	2424012.348									
1000	11037	2424012.348									

1000	11038	2424190.404	1925-02-08 21:41:50	0.719967532	1.321732468	0.666118121º	1.206455657º	223.4752704	62.58608358	0.986656936	Umbral
1000	11039	2424190.404									
1000	11040	2424190.404									
1000	11041	2424190.404									
1000	11042	2424190.404									
1000	11043	2424190.404									
1000	11044	2424366.995	1925-08-04 11:53:21	0.757979959	1.283720041	0.780913136º	1.306460735º	231.8842351	56.12738492	1.014423391	Umbral
1000	11045	2424366.995									
1000	11046	2424366.995									
1000	11047	2424366.995									
1000	11048	2424366.995									
1000	11049	2424514.599	1925-12-30 02:21:56	0.717031601	1.324668399	0.659057615º	1.201271912º	222.6183602	62.99965204	0.983241831	Grazing
1000	11050	2424514.599									
1000	11051	2424514.599									
1000	11052	2424514.599									
1000	11053	2424514.599									
1000	11054	2424544.389	1926-01-28 21:20:27	0.714264593	1.327435407	0.649637639º	1.190929141º	222.8354063	63.67757428	0.984918063	Penumbral
1000	11055	2424692.392	1926-06-25 21:24:57	0.751243924	1.290456076	0.75240487º	1.276864116º	232.0801767	57.73786	1.016528514	Penumbral
1000	11056	2424692.392									
1000	11057	2424692.392									
1000	11058	2424692.392									
1000	11059	2424692.392									
1000	11060	2424721.708	1926-07-25 05:00:10	0.756216155	1.285483845	0.772836715º	1.297732411º	232.0788691	56.5837617	1.015683272	Penumbral
1000	11061	2424868.765	1926-12-19 06:20:54	0.731400874	1.310299126	0.70491803º	1.246819166º	223.5141309	60.04179132	0.983810039	Total Penumbral
1000	11062	2424868.765									
1000	11063	2424868.765									
1000	11064	2424868.765									
1000	11065	2424868.765									
1000	11066	2424898.421	1927-01-17 22:06:49	0.723074974	1.318625026	0.677469365º	1.219382386º	223.0843406	61.78348882	0.983788463	Grazing
1000	11067	2425046.85	1927-06-15 08:24:21	0.736305988	1.305394012	0.69906902º	1.223898798º	231.0682504	60.93735572	1.01581084	Total
1000	11068	2425046.85									
1000	11069	2425046.85									
1000	11070	2425046.85									
1000	11071	2425046.85									
1000	11072	2425223.233	1927-12-08 17:35:36	0.746291745	1.295408255	0.757399561º	1.298703778º	224.5900878	56.98690763	0.984894929	Total
1000	11073	2425223.233									
1000	11074	2425223.233									
1000	11075	2425223.233									
1000	11076	2425223.233									
1000	11077	2425401.007	1928-06-03 12:09:33	0.72444591	1.31725409	0.661401529º	1.186893138º	230.081751	63.40568055	1.014531476	Total
1000	11078	2425401.007									
1000	11079	2425401.007									
1000	11080	2425401.007									
1000	11081	2425401.007									

1000	11082	2425401.007									
1000	11083	2425577.876	1928-11-27 09:01:57	0.751686779	1.290013221	0.777265801º	1.317704271º	225.2008227	55.92706239	0.986472664	Total
1000	11084	2425577.876									
1000	11085	2425577.876									
1000	11086	2425577.876									
1000	11087	2425577.876									
1000	11088	2425577.876									
1000	11089	2425725.422	1929-04-23 22:07:19	0.728371051	1.313328949	0.679932773º	1.209953632º	228.2611306	62.00820444	1.00586188	Grazing
1000	11090	2425725.422									
1000	11091	2425725.422									
1000	11092	2425725.422									
1000	11093	2425725.422									
1000	11094	2425755.026	1929-05-23 12:38:07	0.724903452	1.316796548	0.664051488º	1.190501727º	229.6856579	63.19146774	1.012684084	Penumbral
1000	11095	2425903.016	1929-10-18 12:23:22	0.73908687	1.30261313	0.723115567º	1.258404103º	226.6238074	59.13537637	0.995963378	Grazing
1000	11096	2425903.016									
1000	11097	2425903.016									
1000	11098	2425903.016									
1000	11099	2425903.016									
1000	11100	2425932.502	1929-11-17 00:02:51	0.744692884	1.297007116	0.748866933º	1.288179477º	225.2748945	57.52075736	0.98853213	Penumbral
1000	11101	2426079.75	1930-04-13 05:59:30	0.742756191	1.298943809	0.731445632º	1.263054126º	228.3526482	58.7486268	1.0028579	Umbral
1000	11102	2426079.75									
1000	11103	2426079.75									
1000	11104	2426079.75									
1000	11105	2426109.216	1930-05-12 17:11:22	0.736951032	1.304748968	0.705227548º	1.232852897º	229.8269861	60.46184613	1.010428666	Grazing
1000	11106	2426257.297	1930-10-07 19:07:15	0.724801141	1.316898859	0.67306309º	1.206670796º	226.5242817	62.34503704	0.999100599	Umbral
1000	11107	2426257.297									
1000	11108	2426257.297									
1000	11109	2426257.297									
1000	11110	2426257.297									
1000	11111	2426434.339	1931-04-02 20:07:53	0.753309207	1.288390793	0.773809618º	1.307045927º	228.2160821	56.30549609	0.999796466	Total
1000	11112	2426434.339									
1000	11113	2426434.339									
1000	11114	2426434.339									
1000	11115	2426434.339									
1000	11116	2426434.339									
1000	11117	2426611.325	1931-09-26 19:48:30	0.719324741	1.322375259	0.654004765º	1.185894664º	226.9245455	63.6977523	1.002327322	Total
1000	11118	2426611.325									
1000	11119	2426611.325									
1000	11120	2426611.325									
1000	11121	2426611.325									
1000	11122	2426611.325									
1000	11123	2426789.023	1932-03-22 12:32:49	0.752749281	1.288950719	0.773791281º	1.308648108º	227.5272921	56.26297645	0.996767268	Umbral
1000	11124	2426789.023									
1000	11125	2426789.023									

1000	11126	2426789.023									
1000	11127	2426789.023									
1000	11128	2426789.023									
1000	11129	2426965.376	1932-09-14 21:01:01	0.727800556	1.313899444	0.678528589º	1.208787434º	228.0940561	62.09293625	1.005410438	Umbral
1000	11130	2426965.376									
1000	11131	2426965.376									
1000	11132	2426965.376									
1000	11133	2426965.376									
1000	11134	2427114.054	1933-02-10 13:17:51	0.730480155	1.311219845	0.699734067º	1.239897782º	224.1426708	60.41694361	0.986974437	Penumbral
1000	11135	2427114.054									
1000	11136	2427114.054									
1000	11137	2427114.054									
1000	11138	2427114.054									
1000	11139	2427143.606	1933-03-12 02:33:03	0.740709044	1.300990956	0.730569485º	1.267007459º	226.2049544	58.65921286	0.993829304	Penumbral
1000	11140	2427290.324	1933-08-05 19:46:54	0.752220052	1.289479948	0.758093692º	1.283753591º	231.556808	57.38168873	1.014206676	Penumbral
1000	11141	2427290.324									
1000	11142	2427290.324									
1000	11143	2427290.324									
1000	11144	2427290.324									
1000	11145	2427319.703	1933-09-04 04:52:44	0.743789048	1.297910952	0.730972747º	1.259740953º	229.7073297	58.85985225	1.008244769	Penumbral
1000	11146	2427468.196	1934-01-30 16:42:46	0.716596637	1.325103363	0.656628173º	1.197765263º	222.9890172	63.2015067	0.985199108	Umbral
1000	11147	2427468.196									
1000	11148	2427468.196									
1000	11149	2427468.196									
1000	11150	2427468.196									
1000	11151	2427497.92	1934-03-01 10:04:28	0.724248116	1.317451884	0.676896188º	1.214864486º	224.6336528	61.94899883	0.991002221	Grazing
1000	11152	2427645.011	1934-07-26 12:15:50	0.758904897	1.282795103	0.783804738º	1.308769627º	232.193311	55.98744807	1.015549399	Umbral
1000	11153	2427645.011									
1000	11154	2427645.011									
1000	11155	2427645.011									
1000	11156	2427645.011									
1000	11157	2427822.158	1935-01-19 15:47:42	0.71526404	1.32643596	0.653277932º	1.195107285º	222.6696444	63.40769532	0.983940377	Total
1000	11158	2427822.158									
1000	11159	2427822.158									
1000	11160	2427822.158									
1000	11161	2427822.158									
1000	11162	2427999.709	1935-07-16 05:00:35	0.753764345	1.287935655	0.762411597º	1.286935312º	232.1529969	57.17093784	1.016403573	Total
1000	11163	2427999.709									
1000	11164	2427999.709									
1000	11165	2427999.709									
1000	11166	2427999.709									
1000	11167	2427999.709									
1000	11168	2428176.257	1936-01-08 18:09:38	0.727384583	1.314315417	0.691758713º	1.233952793º	223.2059007	60.85534646	0.983278493	Total
1000	11169	2428176.257									

1000	11170	2428176.257									
1000	11171	2428176.257									
1000	11172	2428176.257									
1000	11173	2428176.257									
1000	11174	2428354.226	1936-07-04 17:25:42	0.739939241	1.301760759	0.71097027º	1.235323869º	231.4805433	60.20515119	1.016733323	Umbral
1000	11175	2428354.226									
1000	11176	2428354.226									
1000	11177	2428354.226									
1000	11178	2428354.226									
1000	11179	2428354.226									
1000	11180	2428501.187	1936-11-28 16:28:35	0.749331852	1.292368148	0.76817773º	1.308751123º	225.0280674	56.41401069	0.98622645	Grazing
1000	11181	2428501.187									
1000	11182	2428501.187									
1000	11183	2428501.187									
1000	11184	2428501.187									
1000	11185	2428530.659	1936-12-28 03:49:27	0.743024401	1.298675599	0.746172292º	1.28837023º	224.0913471	57.59245932	0.983271496	Penumbral
1000	11186	2428678.828	1937-05-25 07:51:44	0.722792676	1.318907324	0.65731297º	1.183579673º	229.6326083	63.66151789	1.013037259	Penumbral
1000	11187	2428678.828									
1000	11188	2428678.828									
1000	11189	2428678.828									
1000	11190	2428708.445	1937-06-23 22:41:17	0.726716252	1.314983748	0.667141757º	1.191638709º	230.6797509	63.04679054	1.016455436	Grazing
1000	11191	2428855.847	1937-11-18 08:19:41	0.751176287	1.290523713	0.773938487º	1.313400179º	225.5615606	56.13175658	0.988258824	Umbral
1000	11192	2428855.847									
1000	11193	2428855.847									
1000	11194	2428855.847									
1000	11195	2428855.847									
1000	11196	2428885.276	1937-12-17 18:36:46	0.751034984	1.290665016	0.776574448º	1.318431508º	224.6088009	55.92644875	0.983890065	Grazing
1000	11197	2429032.864	1938-05-14 08:44:10	0.727065762	1.314634238	0.672282362º	1.199715189º	229.3433079	62.60144843	1.01079749	Total
1000	11198	2429032.864									
1000	11199	2429032.864									
1000	11200	2429032.864									
1000	11201	2429032.864									
1000	11202	2429210.435	1938-11-07 22:27:06	0.741252402	1.300447598	0.734635099º	1.272772002º	225.5688176	58.37173964	0.990691726	Total
1000	11203	2429210.435									
1000	11204	2429210.435									
1000	11205	2429210.435									
1000	11206	2429210.435									
1000	11207	2429210.435									
1000	11208	2429387.132	1939-05-03 15:10:44	0.740757769	1.300942231	0.7202329º	1.249021415º	229.5017888	59.50278065	1.008206046	Total
1000	11209	2429387.132									
1000	11210	2429387.132									
1000	11211	2429387.132									
1000	11212	2429387.132									
1000	11213	2429387.132									

1000	11214	2429564.776	1939-10-28 06:37:21	0.726304672	1.315395328	0.681653899º	1.218283601º	225.3433921	61.68132156	0.993474224	Umbral
1000	11215	2429564.776									
1000	11216	2429564.776									
1000	11217	2429564.776									
1000	11218	2429564.776									
1000	11219	2429712.325	1940-03-23 19:48:26	0.753990563	1.287709437	0.778620488º	1.313311378º	227.6348925	56.0070633	0.997076605	Penumbral
1000	11220	2429712.325									
1000	11221	2429712.325									
1000	11222	2429712.325									
1000	11223	2429712.325									
1000	11224	2429741.685	1940-04-22 04:26:03	0.752979722	1.288720278	0.768117282º	1.298377518º	229.4964468	56.69691699	1.005407802	Penumbral
1000	11225	2429889.126	1940-09-16 15:01:21	0.720935151	1.320764849	0.657162603º	1.187644252º	227.6236396	63.5274311	1.004988163	Grazing
1000	11226	2429889.126									
1000	11227	2429889.126									
1000	11228	2429889.126									
1000	11229	2429889.126									
1000	11230	2429918.835	1940-10-16 08:01:48	0.717815061	1.323884939	0.653130624º	1.18811382º	225.5486857	63.652081	0.99653182	Penumbral
1000	11231	2430066.997	1941-03-13 11:56:08	0.749869798	1.291830202	0.764394138º	1.300646733º	226.8091673	56.73843135	0.994172864	Umbral
1000	11232	2430066.997									
1000	11233	2430066.997									
1000	11234	2430066.997									
1000	11235	2430066.997									
1000	11236	2430096.374	1941-04-11 20:59:13	0.755237642	1.286462358	0.779431229º	1.311229176º	228.9312496	56.04049133	1.002500632	Grazing
1000	11237	2430243.241	1941-09-05 17:47:23	0.732558592	1.309141408	0.692370185º	1.221311089º	228.9436215	61.23498643	1.007915579	Umbral
1000	11238	2430243.241									
1000	11239	2430243.241									
1000	11240	2430243.241									
1000	11241	2430243.241									
1000	11242	2430421.516	1942-03-03 00:22:39	0.735514034	1.306185966	0.713942589º	1.251708688º	225.3746396	59.61459862	0.991374836	Total
1000	11243	2430421.516									
1000	11244	2430421.516									
1000	11245	2430421.516									
1000	11246	2430421.516									
1000	11247	2430597.658	1942-08-26 03:47:51	0.748442184	1.293257816	0.746522029º	1.274120595º	230.4809349	57.98573465	1.01047996	Total
1000	11248	2430597.658									
1000	11249	2430597.658									
1000	11250	2430597.658									
1000	11251	2430597.658									
1000	11252	2430597.658									
1000	11253	2430775.735	1943-02-20 05:39:00	0.719970753	1.321729247	0.664827068º	1.204002812º	223.9254973	62.71142895	0.988782941	Umbral
1000	11254	2430775.735									
1000	11255	2430775.735									
1000	11256	2430775.735									
1000	11257	2430775.735									

1000	11258	2430775.735									
1000	11259	2430952.312	1943-08-15 19:28:34	0.757753712	1.283946288	0.781438484°	1.30791198°	231.4489138	56.07439737	1.012639348	Umbral
1000	11260	2430952.312									
1000	11261	2430952.312									
1000	11262	2430952.312									
1000	11263	2430952.312									
1000	11264	2430952.312									
1000	11265	2431099.937	1944-01-10 10:29:35	0.717579184	1.324120816	0.660658902°	1.202807678°	222.6733763	62.89330154	0.983360658	Grazing
1000	11266	2431099.937									
1000	11267	2431099.937									
1000	11268	2431099.937									
1000	11269	2431099.937									
1000	11270	2431277.695	1944-07-06 04:40:41	0.750487493	1.291212507	0.749406886°	1.273781361°	232.0736753	57.91176449	1.016692847	Penumbral
1000	11271	2431277.695									
1000	11272	2431277.695									
1000	11273	2431277.695									
1000	11274	2431277.695									
1000	11275	2431307.019	1944-08-04 12:27:37	0.755368046	1.286331954	0.770513326°	1.296082977°	231.7206957	56.69294882	1.014380829	Penumbral
1000	11276	2431454.118	1944-12-29 14:49:51	0.732106988	1.309593012	0.707608008°	1.249796092°	223.453029	59.86761966	0.983289367	Total Penumbral
1000	11277	2431454.118									
1000	11278	2431454.118									
1000	11279	2431454.118									
1000	11280	2431454.118									
1000	11281	2431483.764	1945-01-28 06:20:48	0.724134461	1.317565539	0.680150724°	1.221458107°	223.378703	61.6283616	0.984889167	Grazing
1000	11282	2431632.135	1945-06-25 15:15:00	0.735590207	1.306109793	0.696111688°	1.220581864°	231.1986754	61.13721012	1.016507331	Umbral
1000	11283	2431632.135									
1000	11284	2431632.135									
1000	11285	2431632.135									
1000	11286	2431632.135									
1000	11287	2431808.598	1945-12-19 02:20:34	0.746570776	1.295129224	0.759217614°	1.301109895°	224.3758044	56.86995034	0.983826115	Total
1000	11288	2431808.598									
1000	11289	2431808.598									
1000	11290	2431808.598									
1000	11291	2431808.598									
1000	11292	2431808.598									
1000	11293	2431986.278	1946-06-14 18:39:51	0.724486123	1.317213877	0.660628694°	1.185487567°	230.3868773	63.4804885	1.01575453	Total
1000	11294	2431986.278									
1000	11295	2431986.278									
1000	11296	2431986.278									
1000	11297	2431986.278									
1000	11298	2432163.242	1946-12-08 17:48:07	0.75121882	1.29048118	0.776556539°	1.317872026°	224.8363579	55.94176903	0.984874422	Total
1000	11299	2432163.242									
1000	11300	2432163.242									
1000	11301	2432163.242									

1000	11302	2432163.242									
1000	11303	2432163.242									
1000	11304	2432340.302	1947-06-03 19:15:33	0.725951439	1.315748561	0.666131716º	1.191668891º	230.1588262	63.0804496	1.014443513	Umbral
1000	11305	2432340.302									
1000	11306	2432340.302									
1000	11307	2432340.302									
1000	11308	2432340.302									
1000	11309	2432340.302									
1000	11310	2432488.351	1947-10-29 20:25:28	0.737448652	1.304251348	0.719348438º	1.25621162º	225.8926105	59.3146261	0.993042167	Grazing
1000	11311	2432488.351									
1000	11312	2432488.351									
1000	11313	2432488.351									
1000	11314	2432488.351									
1000	11315	2432517.857	1947-11-28 08:34:31	0.743499055	1.298200945	0.745840082º	1.286294161º	224.7709901	57.66041907	0.986444175	Penumbral
1000	11316	2432665.069	1948-04-23 13:38:51	0.744405345	1.297294655	0.735295671º	1.265344188º	229.1171898	58.56748449	1.005809394	Umbral
1000	11317	2432665.069									
1000	11318	2432665.069									
1000	11319	2432665.069									
1000	11320	2432665.069									
1000	11321	2432694.513	1948-05-23 00:19:09	0.738512277	1.303187723	0.709029175º	1.235501769º	230.4289612	60.26047246	1.012641081	Grazing
1000	11322	2432842.609	1948-10-18 02:36:27	0.723227223	1.318472777	0.670082007º	1.205328798º	225.7585669	62.48961263	0.996041054	Total Penumbral
1000	11323	2432842.609									
1000	11324	2432842.609									
1000	11325	2432842.609									
1000	11326	2433019.674	1949-04-13 04:11:05	0.754410477	1.287289523	0.775862585º	1.307457841º	228.9658596	56.23832397	1.002882872	Total
1000	11327	2433019.674									
1000	11328	2433019.674									
1000	11329	2433019.674									
1000	11330	2433019.674									
1000	11331	2433019.674									
1000	11332	2433196.623	1949-10-07 02:57:38	0.718453943	1.323246057	0.65336689º	1.186886966º	226.1808568	63.68596917	0.999264699	Total
1000	11333	2433196.623									
1000	11334	2433196.623									
1000	11335	2433196.623									
1000	11336	2433196.623									
1000	11337	2433196.623									
1000	11338	2433374.364	1950-04-02 20:44:32	0.75315055	1.28854945	0.773033098º	1.306261997º	228.2409826	56.34784457	0.999810362	Total
1000	11339	2433374.364									
1000	11340	2433374.364									
1000	11341	2433374.364									
1000	11342	2433374.364									
1000	11343	2433374.364									
1000	11344	2433550.678	1950-09-26 04:16:53	0.727698355	1.314001645	0.68027241º	1.212071847º	227.4026778	61.92799887	1.002497823	Total
1000	11345	2433550.678									

1000	11346	2433550.678									
1000	11347	2433550.678									
1000	11348	2433550.678									
1000	11349	2433550.678									
1000	11350	2433699.396	1951-02-21 21:30:41	0.730224706	1.311475294	0.697462216º	1.236462966º	224.591743	60.59532915	0.989103963	Grazing
1000	11351	2433699.396									
1000	11352	2433699.396									
1000	11353	2433699.396									
1000	11354	2433728.943	1951-03-23 10:37:52	0.740658512	1.301041488	0.72826837º	1.263147252º	226.8607909	58.84070923	0.996726165	Penumbral
1000	11355	2433875.635	1951-08-17 03:14:41	0.752433821	1.289266179	0.760382502º	1.286964046º	231.1336468	57.2274482	1.012431568	Penumbral
1000	11356	2433875.635									
1000	11357	2433875.635									
1000	11358	2433875.635									
1000	11359	2433875.635									
1000	11360	2433905.019	1951-09-15 12:26:59	0.743911451	1.297788549	0.73351744º	1.263713606º	229.0667744	58.66771838	1.005529298	Penumbral
1000	11361	2434053.528	1952-02-11 00:40:02	0.716675726	1.325024274	0.655827923º	1.196047338º	223.3543932	63.2873836	0.986872672	Umbral
1000	11362	2434053.528									
1000	11363	2434053.528									
1000	11364	2434053.528									
1000	11365	2434053.528									
1000	11366	2434083.245	1952-03-11 17:53:01	0.724302785	1.317397215	0.675276334º	1.211776111º	225.238686	62.10351023	0.993714817	Grazing
1000	11367	2434230.325	1952-08-05 19:48:20	0.758571354	1.283128646	0.783570118º	1.309217506º	231.8495456	55.98189736	1.014230812	Umbral
1000	11368	2434230.325									
1000	11369	2434230.325									
1000	11370	2434230.325									
1000	11371	2434230.325									
1000	11372	2434407.492	1953-01-29 23:48:11	0.715964861	1.325735139	0.654673567º	1.195862266º	222.9581914	63.33361352	0.985105155	Total
1000	11373	2434407.492									
1000	11374	2434407.492									
1000	11375	2434407.492									
1000	11376	2434407.492									
1000	11377	2434407.492									
1000	11378	2434585.015	1953-07-26 12:21:45	0.752853488	1.288846512	0.759548114º	1.284527005º	231.8959098	57.31883295	1.015522314	Total
1000	11379	2434585.015									
1000	11380	2434585.015									
1000	11381	2434585.015									
1000	11382	2434585.015									
1000	11383	2434761.606	1954-01-19 02:32:34	0.728369906	1.313330094	0.694615478º	1.236456037º	223.3917076	60.68591191	0.983920028	Total
1000	11384	2434761.606									
1000	11385	2434761.606									
1000	11386	2434761.606									
1000	11387	2434761.606									
1000	11388	2434761.606									
1000	11389	2434939.515	1954-07-16 00:21:24	0.738890521	1.302809479	0.70754389º	1.232092153º	231.3445179	60.41236222	1.016356005	Umbral

1000	11390	2434939.515									
1000	11391	2434939.515									
1000	11392	2434939.515									
1000	11393	2434939.515									
1000	11394	2434939.515									
1000	11395	2435086.551	1954-12-10 01:13:20	0.749339861	1.292360139	0.769326138º	1.310716506º	224.6983449	56.32957027	0.984738203	Grazing
1000	11396	2435086.551									
1000	11397	2435086.551									
1000	11398	2435086.551									
1000	11399	2435086.551									
1000	11400	2435116.023	1955-01-08 12:33:47	0.743679682	1.298020318	0.748612943º	1.290791123º	224.1272676	57.45484481	0.983307329	Penumbral
1000	11401	2435264.1	1955-06-05 14:23:21	0.72321447	1.31848553	0.65742678º	1.182846978º	230.0591185	63.68271353	1.014669363	Penumbral
1000	11402	2435264.1									
1000	11403	2435264.1									
1000	11404	2435264.1									
1000	11405	2435264.1									
1000	11406	2435293.716	1955-07-05 05:10:58	0.726267988	1.315432012	0.665529536º	1.189903477º	230.7184746	63.16078189	1.016693884	Grazing
1000	11407	2435441.209	1955-11-29 17:00:25	0.750414156	1.291285844	0.772377607º	1.312931176º	225.093338	56.1867891	0.986262616	Umbral
1000	11408	2435441.209									
1000	11409	2435441.209									
1000	11410	2435441.209									
1000	11411	2435470.645	1955-12-29 03:28:38	0.750969064	1.290730936	0.776732112º	1.318906623º	224.4816869	55.90960107	0.983313983	Grazing
1000	11412	2435618.147	1956-05-24 15:32:04	0.728404106	1.313295894	0.6750804º	1.201408474º	229.9190593	62.45090459	1.012919136	Umbral
1000	11413	2435618.147									
1000	11414	2435618.147									
1000	11415	2435618.147									
1000	11416	2435618.147									
1000	11417	2435795.784	1956-11-18 06:48:16	0.739841819	1.301858181	0.731187158º	1.270651549º	224.9728499	58.53484741	0.98825388	Total
1000	11418	2435795.784									
1000	11419	2435795.784									
1000	11420	2435795.784									
1000	11421	2435795.784									
1000	11422	2435795.784									
1000	11423	2435972.439	1957-05-13 22:31:32	0.742371218	1.299328782	0.724145734º	1.251613974º	230.1752861	59.30603775	1.010729627	Total
1000	11424	2435972.439									
1000	11425	2435972.439									
1000	11426	2435972.439									
1000	11427	2435972.439									
1000	11428	2435972.439									
1000	11429	2436150.103	1957-11-07 14:27:45	0.724758557	1.316941443	0.678444705º	1.216571023º	224.662786	61.84236954	0.990711213	Total
1000	11430	2436150.103									
1000	11431	2436150.103									
1000	11432	2436150.103									
1000	11433	2436150.103									

1000	11434	2436150.103									
1000	11435	2436297.667	1958-04-04 04:00:20	0.754883958	1.286816042	0.779869199º	1.31290551º	228.3706484	55.98405182	1.000171596	Penumbral
1000	11436	2436297.667									
1000	11437	2436297.667									
1000	11438	2436297.667									
1000	11439	2436327.009	1958-05-03 12:13:16	0.754185507	1.287514493	0.770721807º	1.299517091º	230.2025338	56.59378269	1.008193139	Umbral
1000	11440	2436474.42	1958-09-27 22:04:42	0.720325864	1.321374136	0.657297234º	1.189359866º	226.9013539	63.46411535	1.002001918	Grazing
1000	11441	2436474.42									
1000	11442	2436474.42									
1000	11443	2436474.42									
1000	11444	2436474.42									
1000	11445	2436504.144	1958-10-27 15:28:04	0.716798924	1.324901076	0.651933256º	1.188494712º	224.8411776	63.68089177	0.993600587	Penumbral
1000	11446	2436652.342	1959-03-24 20:12:13	0.750085939	1.291614061	0.762998647º	1.297656079º	227.4881054	56.8590726	0.997139002	Umbral
1000	11447	2436652.342									
1000	11448	2436652.342									
1000	11449	2436652.342									
1000	11450	2436652.342									
1000	11451	2436681.707	1959-04-23 04:57:48	0.755767686	1.285932314	0.779225091º	1.309462797º	229.6436996	56.09314924	1.005450521	Grazing
1000	11452	2436828.544	1959-09-17 01:03:45	0.732626584	1.309073416	0.694607939º	1.225013362º	228.2929527	61.04546771	1.005132592	Total Penumbral
1000	11453	2436828.544									
1000	11454	2436828.544									
1000	11455	2436828.544									
1000	11456	2436828.544									
1000	11457	2437006.853	1960-03-13 08:28:05	0.735397927	1.306302073	0.711637536º	1.2479006º	225.9787968	59.80060729	0.994153454	Total
1000	11458	2437006.853									
1000	11459	2437006.853									
1000	11460	2437006.853									
1000	11461	2437006.853									
1000	11462	2437006.853									
1000	11463	2437182.974	1960-09-05 11:22:16	0.748555745	1.293144255	0.748915303º	1.277823467º	229.8910782	57.81126537	1.007977971	Total
1000	11464	2437182.974									
1000	11465	2437182.974									
1000	11466	2437182.974									
1000	11467	2437182.974									
1000	11468	2437361.061	1961-03-02 13:28:24	0.720114374	1.321585626	0.663708912º	1.201533817º	224.4709569	62.83192518	0.991266437	Umbral
1000	11469	2437361.061									
1000	11470	2437361.061									
1000	11471	2437361.061									
1000	11472	2437361.061									
1000	11473	2437361.061									
1000	11474	2437537.631	1961-08-26 03:08:53	0.757378166	1.284321834	0.781692211º	1.309300238º	230.9099118	56.03054542	1.01046184	Umbral
1000	11475	2437537.631									
1000	11476	2437537.631									
1000	11477	2437537.631									

1000	11478	2437537.631									
1000	11479	2437537.631									
1000	11480	2437685.276	1962-01-20 18:36:53	0.718323861	1.323376139	0.662514813º	1.204294687º	222.860741	62.78027437	0.984030236	Grazing
1000	11481	2437685.276									
1000	11482	2437685.276									
1000	11483	2437685.276									
1000	11484	2437685.276									
1000	11485	2437715.044	1962-02-19 13:03:46	0.715682752	1.326017248	0.651622254º	1.190873128º	223.709525	63.61010236	0.988645181	Penumbral
1000	11486	2437862.997	1962-07-17 11:55:19	0.749558604	1.292141396	0.746201401º	1.270780073º	231.9264423	58.09043394	1.016297089	Penumbral
1000	11487	2437862.997									
1000	11488	2437862.997									
1000	11489	2437862.997									
1000	11490	2437862.997									
1000	11491	2438039.472	1963-01-09 23:20:23	0.732965205	1.308734795	0.710458492º	1.252610454º	223.5225148	59.69442857	0.983354881	Total Penumbral
1000	11492	2438039.472									
1000	11493	2438039.472									
1000	11494	2438039.472									
1000	11495	2438039.472									
1000	11496	2438069.105	1963-02-08 14:31:53	0.725359194	1.316340806	0.683042076º	1.223490025º	223.7929057	61.46856459	0.986455362	Grazing
1000	11497	2438217.419	1963-07-06 22:02:40	0.734731449	1.306968551	0.693097653º	1.217465753º	231.1914751	61.33381744	1.016705208	Umbral
1000	11498	2438217.419									
1000	11499	2438217.419									
1000	11500	2438217.419									
1000	11501	2438217.419									
1000	11502	2438393.964	1963-12-30 11:08:12	0.746959161	1.294740839	0.761057668º	1.303238956º	224.2872936	56.76042533	0.983301691	Total
1000	11503	2438393.964									
1000	11504	2438393.964									
1000	11505	2438393.964									
1000	11506	2438393.964									
1000	11507	2438393.964									
1000	11508	2438571.546	1964-06-25 01:06:48	0.724417449	1.317282551	0.65988914º	1.184364825º	230.5622411	63.54463082	1.016496651	Total
1000	11509	2438571.546									
1000	11510	2438571.546									
1000	11511	2438571.546									
1000	11512	2438571.546									
1000	11513	2438571.546									
1000	11514	2438748.61	1964-12-19 02:37:49	0.750843059	1.290856941	0.775833596º	1.317735621º	224.5902445	55.96492679	0.983808424	Total
1000	11515	2438748.61									
1000	11516	2438748.61									
1000	11517	2438748.61									
1000	11518	2438748.61									
1000	11519	2438925.576	1965-06-14 01:50:08	0.726901077	1.314798923	0.668234071º	1.193129116º	230.5151612	62.95921542	1.015684532	Umbral
1000	11520	2438925.576									
1000	11521	2438925.576									

1000	11522	2438925.576									
1000	11523	2438925.576									
1000	11524	2438925.576									
1000	11525	2439073.69	1965-11-09 04:34:13	0.735875211	1.305824789	0.715682242º	1.25399325º	225.2210934	59.49265869	0.990371309	Grazing
1000	11526	2439073.69									
1000	11527	2439073.69									
1000	11528	2439073.69									
1000	11529	2439073.69									
1000	11530	2439103.216	1965-12-08 17:10:33	0.742405828	1.299294172	0.742901765º	1.284213409º	224.3735544	57.80374203	0.984881414	Penumbral
1000	11531	2439250.384	1966-05-04 21:12:17	0.745993578	1.295706422	0.739079805º	1.267711277º	229.8397836	58.38716968	1.008505558	Penumbral
1000	11532	2439250.384									
1000	11533	2439250.384									
1000	11534	2439250.384									
1000	11535	2439250.384									
1000	11536	2439279.808	1966-06-03 07:23:43	0.739963844	1.301736156	0.712760102º	1.238353623º	230.9304654	60.05643135	1.014334758	Grazing
1000	11537	2439427.926	1966-10-29 10:13:15	0.721730334	1.319969666	0.667289346º	1.204078264º	225.0323489	62.62543908	0.993179553	Penumbral
1000	11538	2439427.926									
1000	11539	2439427.926									
1000	11540	2439427.926									
1000	11541	2439427.926									
1000	11542	2439605.005	1967-04-24 12:07:19	0.755453153	1.286246847	0.777730624º	1.307794611º	229.6968284	56.17835932	1.00578004	Total
1000	11543	2439605.005									
1000	11544	2439605.005									
1000	11545	2439605.005									
1000	11546	2439605.005									
1000	11547	2439781.928	1967-10-18 10:16:03	0.717641488	1.324058512	0.652875218º	1.188017732º	225.4533762	63.66431627	0.996235142	Total
1000	11548	2439781.928									
1000	11549	2439781.928									
1000	11550	2439781.928									
1000	11551	2439781.928									
1000	11552	2439781.928									
1000	11553	2439959.7	1968-04-13 04:48:04	0.753514728	1.288185272	0.772117418º	1.30370856º	228.9594868	56.44181702	1.002890633	Total
1000	11554	2439959.7									
1000	11555	2439959.7									
1000	11556	2439959.7									
1000	11557	2439959.7									
1000	11558	2439959.7									
1000	11559	2440135.988	1968-10-06 11:42:47	0.727594597	1.314105403	0.682019633º	1.215464039º	226.7005248	61.7603386	0.999406446	Total
1000	11560	2440135.988									
1000	11561	2440135.988									
1000	11562	2440135.988									
1000	11563	2440135.988									
1000	11564	2440135.988									
1000	11565	2440284.733	1969-03-04 05:35:39	0.730074237	1.311625763	0.695307866º	1.232905498º	225.1317449	60.77486484	0.991685501	Grazing

1000	11566	2440284.733									
1000	11567	2440284.733									
1000	11568	2440284.733									
1000	11569	2440284.733									
1000	11570	2440314.273	1969-04-02 18:33:25	0.740619859	1.301080141	0.725948927º	1.259162381º	227.5474563	59.02756511	0.999839321	Penumbral
1000	11571	2440460.95	1969-08-27 10:48:39	0.752505714	1.289194286	0.762419084º	1.290186313º	230.6081923	57.08080188	1.010157032	Penumbral
1000	11572	2440460.95									
1000	11573	2440460.95									
1000	11574	2440460.95									
1000	11575	2440490.34	1969-09-25 20:10:11	0.743965254	1.297734746	0.735908136º	1.26769628º	228.3859136	58.48109058	1.002519113	Penumbral
1000	11576	2440638.855	1970-02-21 08:30:52	0.716923181	1.324776819	0.655268018º	1.194293198º	223.8287754	63.3663951	0.989059133	Umbral
1000	11577	2440638.855									
1000	11578	2440638.855									
1000	11579	2440638.855									
1000	11580	2440638.855									
1000	11581	2440668.564	1970-03-23 01:32:07	0.724440808	1.317259192	0.673779141º	1.208674814º	225.901723	62.25511484	0.996694879	Grazing
1000	11582	2440815.642	1970-08-17 03:24:38	0.758075139	1.283624861	0.783029559º	1.309637824º	231.3883126	55.9853562	1.012380195	Umbral
1000	11583	2440815.642									
1000	11584	2440815.642									
1000	11585	2440815.642									
1000	11586	2440815.642									
1000	11587	2440992.823	1971-02-10 07:44:56	0.716854119	1.324845881	0.656327923º	1.196606692º	223.3670463	63.25112615	0.986764258	Total
1000	11588	2440992.823									
1000	11589	2440992.823									
1000	11590	2440992.823									
1000	11591	2440992.823									
1000	11592	2440992.823									
1000	11593	2441170.323	1971-08-06 19:44:28	0.751778586	1.289921414	0.756494309º	1.282143747º	231.5097585	57.47222032	1.014226859	Total
1000	11594	2441170.323									
1000	11595	2441170.323									
1000	11596	2441170.323									
1000	11597	2441170.323									
1000	11598	2441170.323									
1000	11599	2441346.954	1972-01-30 10:54:01	0.729515154	1.312184846	0.697640869º	1.238882857º	223.7035933	60.51445986	0.985008166	Total
1000	11600	2441346.954									
1000	11601	2441346.954									
1000	11602	2441346.954									
1000	11603	2441346.954									
1000	11604	2441524.803	1972-07-26 07:16:44	0.737695262	1.304004738	0.70406948º	1.229020963º	231.07262	60.61752827	1.015575336	Umbral
1000	11605	2441524.803									
1000	11606	2441524.803									
1000	11607	2441524.803									
1000	11608	2441524.803									
1000	11609	2441524.803									

1000	11610	2441671.918	1972-12-20 10:01:50	0.749443528	1.292256472	0.770439837º	1.312409318º	224.4882285	56.25364023	0.983685976	Grazing
1000	11611	2441671.918									
1000	11612	2441671.918									
1000	11613	2441671.918									
1000	11614	2441671.918									
1000	11615	2441701.387	1973-01-18 21:17:56	0.74445662	1.29724338	0.751108696º	1.292981295º	224.2916848	57.32274913	0.98386185	Penumbral
1000	11616	2441849.369	1973-06-15 20:50:53	0.723541169	1.318158831	0.657593967º	1.182392846º	230.3662818	63.6924731	1.01587065	Penumbral
1000	11617	2441849.369									
1000	11618	2441849.369									
1000	11619	2441849.369									
1000	11620	2441849.369									
1000	11621	2441878.986	1973-07-15 11:39:39	0.725698561	1.316001439	0.66393675º	1.18845443º	230.6187978	63.26480388	1.016415267	Penumbral
1000	11622	2442026.573	1973-12-10 01:45:39	0.749736319	1.291963681	0.770803614º	1.312199896º	224.7335908	56.2493206	0.984727446	Umbral
1000	11623	2442026.573									
1000	11624	2442026.573									
1000	11625	2442026.573									
1000	11626	2442026.573									
1000	11627	2442056.015	1974-01-08 12:21:22	0.751007386	1.290692614	0.776884629º	1.319058253º	224.4835732	55.90146935	0.983315591	Grazing
1000	11628	2442203.428	1974-06-04 22:16:22	0.729652988	1.312047012	0.677896302º	1.203368378º	230.3922528	62.29171414	1.014569188	Umbral
1000	11629	2442203.428									
1000	11630	2442203.428									
1000	11631	2442203.428									
1000	11632	2442381.135	1974-11-29 15:14:41	0.738527714	1.303172286	0.727863161º	1.268393422º	224.4708745	58.69920375	0.986305146	Total
1000	11633	2442381.135									
1000	11634	2442381.135									
1000	11635	2442381.135									
1000	11636	2442381.135									
1000	11637	2442381.135									
1000	11638	2442557.742	1975-05-25 05:48:07	0.743884388	1.297815612	0.727969368º	1.254358122º	230.7649249	59.10879275	1.01280237	Total
1000	11639	2442557.742									
1000	11640	2442557.742									
1000	11641	2442557.742									
1000	11642	2442557.742									
1000	11643	2442557.742									
1000	11644	2442735.434	1975-11-18 22:24:35	0.723330312	1.318369688	0.675452584º	1.214869753º	224.0608846	61.99668904	0.988340395	Total
1000	11645	2442735.434									
1000	11646	2442735.434									
1000	11647	2442735.434									
1000	11648	2442735.434									
1000	11649	2442735.434									
1000	11650	2442883.003	1976-04-14 12:04:47	0.755738463	1.285961537	0.780942363º	1.312368882º	229.1090356	55.96927689	1.003201306	Grazing
1000	11651	2442883.003									
1000	11652	2442883.003									
1000	11653	2442883.003									

1000	11654	2442883.003									
1000	11655	2442912.33	1976-05-13 19:54:49	0.755288768	1.286411232	0.773135247º	1.300628966º	230.8449491	56.49703675	1.010680808	Umbral
1000	11656	2443059.721	1976-10-08 05:17:36	0.719743494	1.321956506	0.657540029º	1.191223745º	226.1729643	63.39212192	0.998958301	Grazing
1000	11657	2443059.721									
1000	11658	2443059.721									
1000	11659	2443059.721									
1000	11660	2443089.46	1976-11-06 23:02:46	0.715896831	1.325803169	0.650929607º	1.188967598º	224.1937609	63.69977741	0.990873854	Penumbral
1000	11661	2443237.68	1977-04-04 04:19:53	0.750291827	1.291408173	0.76148079º	1.294495781º	228.1933479	56.98832731	1.000211601	Umbral
1000	11662	2443237.68									
1000	11663	2443237.68									
1000	11664	2443237.68									
1000	11665	2443237.68									
1000	11666	2443267.034	1977-05-03 12:49:05	0.756210517	1.285489483	0.778798991º	1.307581955º	230.314357	56.15495173	1.00821663	Grazing
1000	11667	2443413.854	1977-09-27 08:29:45	0.732656147	1.309043853	0.696810778º	1.228798298º	227.6080763	60.85563995	1.002143393	Penumbral
1000	11668	2443413.854									
1000	11669	2443413.854									
1000	11670	2443413.854									
1000	11671	2443413.854									
1000	11672	2443592.184	1978-03-24 16:24:20	0.735329202	1.306370798	0.709348379º	1.244006792º	226.6354006	59.98990138	0.997137172	Total
1000	11673	2443592.184									
1000	11674	2443592.184									
1000	11675	2443592.184									
1000	11676	2443592.184									
1000	11677	2443592.184									
1000	11678	2443768.295	1978-09-16 19:04:46	0.748571168	1.293128832	0.7511177º	1.281510642º	229.2388885	57.64375954	1.005156246	Total
1000	11679	2443768.295									
1000	11680	2443768.295									
1000	11681	2443768.295									
1000	11682	2443768.295									
1000	11683	2443768.295									
1000	11684	2443946.381	1979-03-13 21:09:07	0.720376491	1.321323509	0.662748194º	1.199074948º	225.0935104	62.94715957	0.994035396	Umbral
1000	11685	2443946.381									
1000	11686	2443946.381									
1000	11687	2443946.381									
1000	11688	2443946.381									
1000	11689	2444122.955	1979-09-06 10:55:12	0.756872691	1.284827309	0.781685433º	1.31061323º	230.2869777	55.99581188	1.007940557	Total
1000	11690	2444122.955									
1000	11691	2444122.955									
1000	11692	2444122.955									
1000	11693	2444122.955									
1000	11694	2444122.955									
1000	11695	2444270.613	1980-02-01 02:42:10	0.71925818	1.32244182	0.664628648º	1.205737211º	223.1753386	62.66039027	0.985251047	Grazing
1000	11696	2444270.613									
1000	11697	2444270.613									

1000	11698	2444270.613									
1000	11699	2444270.613									
1000	11700	2444300.365	1980-03-01 20:46:15	0.716640335	1.325059665	0.652976743º	1.190885637º	224.2971309	63.56239755	0.991111662	Penumbral
1000	11701	2444448.299	1980-07-27 19:10:08	0.748463537	1.293236463	0.742816223º	1.267863446º	231.6428269	58.27303989	1.015390149	Penumbral
1000	11702	2444448.299									
1000	11703	2444448.299									
1000	11704	2444448.299									
1000	11705	2444448.299									
1000	11706	2444477.647	1980-08-26 03:32:15	0.753216997	1.288483003	0.765180281º	1.292810966º	230.6659416	56.93104931	1.010418447	Penumbral
1000	11707	2444624.827	1981-01-20 07:50:52	0.73397352	1.30772648	0.713479051º	1.255260045º	223.7214033	59.52198338	0.984028204	Total Penumbral
1000	11708	2444624.827									
1000	11709	2444624.827									
1000	11710	2444624.827									
1000	11711	2444624.827									
1000	11712	2444654.444	1981-02-18 22:38:44	0.72673297	1.31496703	0.686169627º	1.225460171º	224.3152824	61.30389863	0.988572456	Grazing
1000	11713	2444802.701	1981-07-17 04:48:49	0.733731408	1.307968592	0.690017529º	1.214589555º	231.0456189	61.52615462	1.016309966	Umbral
1000	11714	2444802.701									
1000	11715	2444802.701									
1000	11716	2444802.701									
1000	11717	2444979.331	1982-01-09 19:56:53	0.747460764	1.294239236	0.762938391º	1.305075505º	224.3277405	56.6581528	0.983381812	Total
1000	11718	2444979.331									
1000	11719	2444979.331									
1000	11720	2444979.331									
1000	11721	2444979.331									
1000	11722	2444979.331									
1000	11723	2445156.814	1982-07-06 07:31:57	0.724233866	1.317466134	0.659168389º	1.183550602º	230.6010965	63.59766709	1.016677843	Total
1000	11724	2445156.814									
1000	11725	2445156.814									
1000	11726	2445156.814									
1000	11727	2445156.814									
1000	11728	2445156.814									
1000	11729	2445333.979	1982-12-30 11:29:35	0.750568547	1.291131453	0.775104327º	1.317288998º	224.4697513	55.99651858	0.983295556	Total
1000	11730	2445333.979									
1000	11731	2445333.979									
1000	11732	2445333.979									
1000	11733	2445333.979									
1000	11734	2445333.979									
1000	11735	2445510.85	1983-06-25 08:23:22	0.727737918	1.313962082	0.670366597º	1.1948612º	230.7428493	62.82832034	1.016459987	Umbral
1000	11736	2445510.85									
1000	11737	2445510.85									
1000	11738	2445510.85									
1000	11739	2445510.85									
1000	11740	2445659.034	1983-11-20 12:48:59	0.734392186	1.307307814	0.712127965º	1.251740925º	224.6289112	59.66934819	0.987981789	Grazing
1000	11741	2445659.034									

1000	11742	2445659.034									
1000	11743	2445659.034									
1000	11744	2445659.034									
1000	11745	2445688.576	1983-12-20 01:49:39	0.741427721	1.300272279	0.740032075º	1.281955978º	224.0937111	57.95081896	0.983768708	Penumbral
1000	11746	2445835.695	1984-05-15 04:40:36	0.747493523	1.294206477	0.742801046º	1.270126096º	230.4970947	58.20843065	1.011004083	Penumbral
1000	11747	2445835.695									
1000	11748	2445835.695									
1000	11749	2445835.695									
1000	11750	2445835.695									
1000	11751	2445865.102	1984-06-13 14:26:20	0.741286066	1.300413934	0.716451464º	1.241347268º	231.3153048	59.8506856	1.015683062	Penumbral
1000	11752	2446013.248	1984-11-08 17:57:21	0.720339379	1.321360621	0.664664111º	1.202935395º	224.3677742	62.75257079	0.990444398	Penumbral
1000	11753	2446013.248									
1000	11754	2446013.248									
1000	11755	2446013.248									
1000	11756	2446013.248									
1000	11757	2446042.941	1984-12-08 10:35:08	0.725850877	1.315849123	0.685734851º	1.227051661º	223.4601496	61.26732803	0.984872017	Grazing
1000	11758	2446190.331	1985-05-04 19:57:01	0.756410486	1.285289514	0.779423128º	1.308031493º	230.3843946	56.12596176	1.008549643	Total
1000	11759	2446190.331									
1000	11760	2446190.331									
1000	11761	2446190.331									
1000	11762	2446190.331									
1000	11763	2446367.239	1985-10-28 17:43:41	0.716916086	1.324783914	0.652546463º	1.18925485º	224.7662093	63.63333168	0.993328577	Total
1000	11764	2446367.239									
1000	11765	2446367.239									
1000	11766	2446367.239									
1000	11767	2446367.239									
1000	11768	2446545.03	1986-04-24 12:43:36	0.753815558	1.287884442	0.770994137º	1.301045908º	229.6575904	56.54479176	1.005803219	Total
1000	11769	2446545.03									
1000	11770	2446545.03									
1000	11771	2446545.03									
1000	11772	2446545.03									
1000	11773	2446545.03									
1000	11774	2446721.305	1986-10-17 19:18:52	0.727515928	1.314184072	0.683831929º	1.218878126º	226.0126325	61.59074879	0.996414479	Total
1000	11775	2446721.305									
1000	11776	2446721.305									
1000	11777	2446721.305									
1000	11778	2446721.305									
1000	11779	2446721.305									
1000	11780	2446870.064	1987-03-15 13:31:48	0.730007279	1.311692721	0.693196605º	1.229310361º	225.7441733	60.95527204	0.994430327	Grazing
1000	11781	2446870.064									
1000	11782	2446870.064									
1000	11783	2446870.064									
1000	11784	2446870.064									
1000	11785	2446899.597	1987-04-14 02:19:33	0.740567188	1.301132812	0.723527995º	1.25515587º	228.2404972	59.21932713	1.002821341	Penumbral

1000	11786	2447046.271	1987-09-07 18:29:38	0.752454465	1.289245535	0.764264323º	1.293338405º	230.0004359	56.94218863	1.007661868	Grazing
1000	11787	2447046.271									
1000	11788	2447046.271									
1000	11789	2447046.271									
1000	11790	2447046.271									
1000	11791	2447075.669	1987-10-07 04:02:41	0.743975537	1.297724463	0.738214517º	1.271595454º	227.6897449	58.30052565	0.999525369	Total Penumbral
1000	11792	2447224.176	1988-03-03 16:14:05	0.717319702	1.324380298	0.654888332º	1.192572364º	224.3967925	63.43820618	0.99152615	Total Penumbral
1000	11793	2447224.176									
1000	11794	2447224.176									
1000	11795	2447224.176									
1000	11796	2447253.876	1988-04-02 09:01:22	0.724636319	1.317063681	0.672346672º	1.205636633º	226.5999474	62.40320211	0.999695881	Grazing
1000	11797	2447400.962	1988-08-27 11:05:47	0.757432936	1.284267064	0.782232491º	1.309987084º	230.8264014	55.99764601	1.010181219	Umbral
1000	11798	2447400.962									
1000	11799	2447400.962									
1000	11800	2447400.962									
1000	11801	2447400.962									
1000	11802	2447578.15	1989-02-20 15:36:37	0.717915221	1.323784779	0.658244881º	1.1973459º	223.8841179	63.15998544	0.988919996	Total
1000	11803	2447578.15									
1000	11804	2447578.15									
1000	11805	2447578.15									
1000	11806	2447578.15									
1000	11807	2447578.15									
1000	11808	2447755.632	1989-08-17 03:09:53	0.750554384	1.291145616	0.753224347º	1.279841511º	231.007607	57.63034703	1.012363087	Total
1000	11809	2447755.632									
1000	11810	2447755.632									
1000	11811	2447755.632									
1000	11812	2447755.632									
1000	11813	2447755.632									
1000	11814	2447932.3	1990-02-09 19:12:29	0.730808537	1.310891463	0.700883516º	1.241192209º	224.1330906	60.34077059	0.986709605	Total
1000	11815	2447932.3									
1000	11816	2447932.3									
1000	11817	2447932.3									
1000	11818	2447932.3									
1000	11819	2447932.3									
1000	11820	2448110.092	1990-08-06 14:13:07	0.736364925	1.305335075	0.700509358º	1.226179158º	230.6733395	60.81963723	1.014187571	Umbral
1000	11821	2448110.092									
1000	11822	2448110.092									
1000	11823	2448110.092									
1000	11824	2448110.092									
1000	11825	2448257.287	1990-12-31 18:52:36	0.749651089	1.292048911	0.771583483º	1.313766363º	224.4044525	56.18608183	0.983298805	Grazing
1000	11826	2448257.287									
1000	11827	2448257.287									
1000	11828	2448257.287									
1000	11829	2448257.287									

1000	11830	2448286.75	1991-01-30 06:00:21	0.745349513	1.296350487	0.753687725º	1.294916178º	224.5802507	57.1959863	0.9850328	Penumbral
1000	11831	2448434.636	1991-06-27 03:15:53	0.723761222	1.317938778	0.657782959º	1.182254915º	230.5429956	63.69059761	1.016503879	Penumbral
1000	11832	2448434.636									
1000	11833	2448434.636									
1000	11834	2448434.636									
1000	11835	2448434.636									
1000	11836	2448464.256	1991-07-26 18:08:57	0.725012742	1.316687258	0.662359084º	1.187309013º	230.383729	63.35831179	1.01557834	Penumbral
1000	11837	2448611.94	1991-12-21 10:34:04	0.749155985	1.292544015	0.769239002º	1.31118535º	224.4928904	56.31934932	0.983727963	Umbral
1000	11838	2448611.94									
1000	11839	2448611.94									
1000	11840	2448611.94									
1000	11841	2448611.94									
1000	11842	2448641.384	1992-01-19 21:13:21	0.751149791	1.290550209	0.777035465º	1.318883303º	224.6143002	55.90203448	0.983906811	Grazing
1000	11843	2448788.707	1992-06-15 04:58:28	0.730793394	1.310906606	0.680737735º	1.205569626º	230.7473248	62.12458611	1.01580675	Umbral
1000	11844	2448788.707									
1000	11845	2448788.707									
1000	11846	2448788.707									
1000	11847	2448788.707									
1000	11848	2448966.49	1992-12-09 23:45:13	0.73732879	1.30437121	0.724632743º	1.266027087º	224.0770942	58.86486482	0.984730969	Total
1000	11849	2448966.49									
1000	11850	2448966.49									
1000	11851	2448966.49									
1000	11852	2448966.49									
1000	11853	2449143.043	1993-06-04 13:01:36	0.745274659	1.296425341	0.731718152º	1.257209386º	231.2515156	58.91194693	1.0145322	Total
1000	11854	2449143.043									
1000	11855	2449143.043									
1000	11856	2449143.043									
1000	11857	2449143.043									
1000	11858	2449143.043									
1000	11859	2449320.769	1993-11-29 06:26:55	0.722043623	1.319656377	0.672664111º	1.213186273º	223.555218	62.14440828	0.986319925	Total
1000	11860	2449320.769									
1000	11861	2449320.769									
1000	11862	2449320.769									
1000	11863	2449320.769									
1000	11864	2449320.769									
1000	11865	2449497.647	1994-05-25 03:31:33	0.756265986	1.285434014	0.775333462º	1.301716104º	231.4018215	56.40719878	1.01281413	Umbral
1000	11866	2449497.647									
1000	11867	2449497.647									
1000	11868	2449497.647									
1000	11869	2449497.647									
1000	11870	2449497.647									
1000	11871	2449645.028	1994-10-19 12:40:15	0.719216341	1.322483659	0.657897299º	1.193211129º	225.4634515	63.31213315	0.995916316	Grazing
1000	11872	2449645.028									
1000	11873	2449645.028									

1000	11874	2449645.028									
1000	11875	2449645.028									
1000	11876	2449674.781	1994-11-18 06:45:15	0.715134689	1.326565311	0.65013871º	1.189500701º	223.6268558	63.70914661	0.988441505	Penumbral
1000	11877	2449823.013	1995-04-15 12:18:59	0.750461344	1.291238656	0.759807213º	1.291210338º	228.9002048	57.1260184	1.00324547	Umbral
1000	11878	2449823.013									
1000	11879	2449823.013									
1000	11880	2449823.013									
1000	11881	2449852.357	1995-05-14 20:33:37	0.756542019	1.285157981	0.778135425º	1.305608014º	230.9192569	56.22586413	1.010721294	Grazing
1000	11882	2449999.171	1995-10-08 16:05:44	0.732672843	1.309027157	0.699005012º	1.232613466º	226.9140232	60.66631952	0.999099197	Penumbral
1000	11883	2449999.171									
1000	11884	2449999.171									
1000	11885	2449999.171									
1000	11886	2449999.171									
1000	11887	2450177.508	1996-04-04 00:10:58	0.735282601	1.306417399	0.707044674º	1.240074531º	227.3213784	60.18203317	1.000183705	Total
1000	11888	2450177.508									
1000	11889	2450177.508									
1000	11890	2450177.508									
1000	11891	2450177.508									
1000	11892	2450177.508									
1000	11893	2450353.622	1996-09-27 02:55:51	0.748512173	1.293187827	0.753163927º	1.285126014º	228.5485396	57.48368674	1.002191304	Total
1000	11894	2450353.622									
1000	11895	2450353.622									
1000	11896	2450353.622									
1000	11897	2450353.622									
1000	11898	2450353.622									
1000	11899	2450531.695	1997-03-24 04:40:30	0.720732383	1.320967617	0.66192953º	1.196655672º	225.772297	63.05660659	0.997010875	Umbral
1000	11900	2450531.695									
1000	11901	2450531.695									
1000	11902	2450531.695									
1000	11903	2450531.695									
1000	11904	2450531.695									
1000	11905	2450708.284	1997-09-16 18:48:15	0.756259787	1.285440213	0.781435799º	1.311834562º	229.6025104	55.97012108	1.005145214	Total
1000	11906	2450708.284									
1000	11907	2450708.284									
1000	11908	2450708.284									
1000	11909	2450708.284									
1000	11910	2450855.947	1998-02-11 10:43:56	0.720369561	1.321330439	0.66698737º	1.207157624º	223.6082332	62.53342859	0.986962487	Grazing
1000	11911	2450855.947									
1000	11912	2450855.947									
1000	11913	2450855.947									
1000	11914	2450855.947									
1000	11915	2450885.681	1998-03-13 04:21:20	0.717733084	1.323966916	0.654539774º	1.190972616º	224.9619138	63.50495685	0.993838811	Penumbral
1000	11916	2451033.602	1998-08-08 02:26:22	0.747213564	1.294486436	0.739273234º	1.26504132º	231.2320449	58.45871573	1.013997982	Penumbral
1000	11917	2451033.602									

1000	11918	2451033.602									
1000	11919	2451033.602									
1000	11920	2451033.602									
1000	11921	2451062.966	1998-09-06 11:11:30	0.751953354	1.289746646	0.762239187º	1.291169766º	230.0056112	57.05871009	1.007935255	Penumbral
1000	11922	2451210.18	1999-01-31 16:19:42	0.735124838	1.306575162	0.71664517º	1.257777745º	224.0446016	59.35004361	0.985207328	Total Penumbral
1000	11923	2451210.18									
1000	11924	2451210.18									
1000	11925	2451210.18									
1000	11926	2451210.18									
1000	11927	2451239.778	1999-03-02 06:40:13	0.728235283	1.313464717	0.689460209º	1.227450302º	224.9308281	61.13421911	0.990962072	Grazing
1000	11928	2451387.983	1999-07-28 11:34:54	0.732596967	1.309103033	0.686915044º	1.211936366º	230.7651516	61.71323729	1.015440241	Umbral
1000	11929	2451387.983									
1000	11930	2451387.983									
1000	11931	2451387.983									
1000	11932	2451387.983									
1000	11933	2451564.698	2000-01-21 04:45:03	0.748074511	1.293625489	0.764847328º	1.306635625º	224.4963441	56.56296442	0.984014938	Total
1000	11934	2451564.698									
1000	11935	2451564.698									
1000	11936	2451564.698									
1000	11937	2451564.698									
1000	11938	2451742.081	2000-07-16 13:56:56	0.723934464	1.317765536	0.658482992º	1.183035553º	230.5017726	63.63928353	1.016347679	Total
1000	11939	2451742.081									
1000	11940	2451742.081									
1000	11941	2451742.081									
1000	11942	2451742.081									
1000	11943	2451742.081									
1000	11944	2451919.349	2001-01-09 20:21:52	0.75039955	1.29130045	0.774380432º	1.316520488º	224.4782426	56.03656637	0.983376477	Total
1000	11945	2451919.349									
1000	11946	2451919.349									
1000	11947	2451919.349									
1000	11948	2451919.349									
1000	11949	2451919.349									
1000	11950	2452096.123	2001-07-05 14:56:48	0.728452369	1.313247631	0.672488706º	1.196890077º	230.8347282	62.68843403	1.016640701	Umbral
1000	11951	2452096.123									
1000	11952	2452096.123									
1000	11953	2452096.123									
1000	11954	2452096.123									
1000	11955	2452096.123									
1000	11956	2452244.381	2001-11-30 21:08:53	0.733022099	1.308677901	0.708743099º	1.24939486º	224.1330591	59.84469846	0.986083494	Grazing
1000	11957	2452244.381									
1000	11958	2452244.381									
1000	11959	2452244.381									
1000	11960	2452244.381									
1000	11961	2452421.003	2002-05-26 12:04:45	0.748880355	1.292819645	0.746373866º	1.272647101º	231.0676002	58.03206643	1.013024684	Penumbral

1000	11962	2452421.003									
1000	11963	2452421.003									
1000	11964	2452421.003									
1000	11965	2452421.003									
1000	11966	2452450.395	2002-06-24 21:28:18	0.74246369	1.29923631	0.720012861º	1.244543476º	231.5712438	59.64422801	1.016390203	Penumbral
1000	11967	2452598.575	2002-11-20 01:48:07	0.719080823	1.322619177	0.662279975º	1.201817242º	223.7848093	62.8711634	0.988120395	Penumbral
1000	11968	2452598.575									
1000	11969	2452598.575									
1000	11970	2452598.575									
1000	11971	2452598.575									
1000	11972	2452628.286	2002-12-19 18:51:38	0.724762781	1.316937219	0.682932778º	1.224817996º	223.16649	61.4296236	0.983838938	Grazing
1000	11973	2452775.653	2003-05-16 03:40:53	0.757257462	1.284442538	0.780878171º	1.308216601º	231.0049843	56.08148799	1.01097843	Total
1000	11974	2452775.653									
1000	11975	2452775.653									
1000	11976	2452775.653									
1000	11977	2452775.653									
1000	11978	2452952.556	2003-11-09 01:20:10	0.716304985	1.325395015	0.652396413º	1.190567637º	224.1417997	63.5935433	0.990628548	Total
1000	11979	2452952.556									
1000	11980	2452952.556									
1000	11981	2452952.556									
1000	11982	2452952.556									
1000	11983	2452952.556									
1000	11984	2453130.355	2004-05-04 20:31:30	0.75402775	1.28767225	0.769671911º	1.298274799º	230.3103319	56.65660532	1.008560093	Total
1000	11985	2453130.355									
1000	11986	2453130.355									
1000	11987	2453130.355									
1000	11988	2453130.355									
1000	11989	2453306.628	2004-10-28 03:04:56	0.727488733	1.314211267	0.685677899º	1.222325999º	225.3631164	61.41991089	0.993440168	Total
1000	11990	2453306.628									
1000	11991	2453306.628									
1000	11992	2453306.628									
1000	11993	2453306.628									
1000	11994	2453306.628									
1000	11995	2453455.388	2005-03-25 21:18:27	0.729999845	1.311700155	0.691171384º	1.225647227º	226.4078745	61.13613173	0.997477782	Grazing
1000	11996	2453455.388									
1000	11997	2453455.388									
1000	11998	2453455.388									
1000	11999	2453455.388									
1000	12000	2453484.914	2005-04-24 09:56:21	0.740474675	1.301225325	0.721053869º	1.251100313º	228.9148314	59.41542776	1.005813328	Penumbral
1000	12001	2453631.596	2005-09-18 02:18:19	0.752301939	1.289398061	0.765865443º	1.296457008º	229.3330119	56.81196375	1.004779972	Grazing
1000	12002	2453631.596									
1000	12003	2453631.596									
1000	12004	2453631.596									
1000	12005	2453631.596									

1000	12006	2453661.003	2005-10-17 12:04:29	0.743968204	1.297731796	0.740395978º	1.275433466º	227.0033172	58.12646702	0.996430697	Umbral
1000	12007	2453809.492	2006-03-14 23:48:48	0.717842407	1.323857593	0.654712242º	1.190872262º	225.0399508	63.50238313	0.99434452	Total Penumbral
1000	12008	2453809.492									
1000	12009	2453809.492									
1000	12010	2453809.492									
1000	12011	2453809.492									
1000	12012	2453839.181	2006-04-13 16:20:40	0.724862379	1.316837621	0.670996941º	1.202663044º	227.309025	62.54705916	1.002749235	Grazing
1000	12013	2453986.287	2006-09-07 18:52:37	0.756665128	1.285034872	0.781177193º	1.3102763º	230.1839333	56.01853208	1.007614206	Umbral
1000	12014	2453986.287									
1000	12015	2453986.287									
1000	12016	2453986.287									
1000	12017	2454163.474	2007-03-03 23:22:07	0.719127239	1.322572761	0.660378502º	1.198136542º	224.4939383	63.05993442	0.991389692	Total
1000	12018	2454163.474									
1000	12019	2454163.474									
1000	12020	2454163.474									
1000	12021	2454163.474									
1000	12022	2454163.474									
1000	12023	2454340.944	2007-08-28 10:39:08	0.74919989	1.29250011	0.749815325º	1.277571626º	230.4064279	57.79243973	1.010177948	Total
1000	12024	2454340.944									
1000	12025	2454340.944									
1000	12026	2454340.944									
1000	12027	2454340.944									
1000	12028	2454340.944									
1000	12029	2454517.644	2008-02-21 03:26:40	0.732233599	1.309466401	0.704284311º	1.243451522º	224.6681561	60.16466906	0.988798589	Total
1000	12030	2454517.644									
1000	12031	2454517.644									
1000	12032	2454517.644									
1000	12033	2454517.644									
1000	12034	2454517.644									
1000	12035	2454695.383	2008-08-16 21:11:53	0.734915739	1.306784261	0.696934127º	1.223523091º	230.1596457	61.01772212	1.012417301	Umbral
1000	12036	2454695.383									
1000	12037	2454695.383									
1000	12038	2454695.383									
1000	12039	2454695.383									
1000	12040	2454695.383									
1000	12041	2454842.656	2009-01-11 03:44:02	0.749965981	1.291734019	0.772709592º	1.314838622º	224.449794	56.12676545	0.983396477	Grazing
1000	12042	2454842.656									
1000	12043	2454842.656									
1000	12044	2454842.656									
1000	12045	2454872.111	2009-02-09 14:39:33	0.746347856	1.295352144	0.756308508º	1.296640686º	224.9848055	57.07441714	0.986666719	Penumbral
1000	12046	2455019.903	2009-07-07 09:39:55	0.723867982	1.317832018	0.658014991º	1.182413503º	230.58296	63.67702226	1.016646244	Penumbral
1000	12047	2455019.903									
1000	12048	2455019.903									
1000	12049	2455019.903									

1000	12050	2455019.903									
1000	12051	2455049.528	2009-08-06 00:40:23	0.724220368	1.317479632	0.660818885º	1.186453968º	230.0212603	63.44088674	1.014254555	Penumbral
1000	12052	2455197.308	2009-12-31 19:24:11	0.748681812	1.293018188	0.767696018º	1.309875142º	224.3780728	56.39692869	0.983305615	Umbral
1000	12053	2455197.308									
1000	12054	2455197.308									
1000	12055	2455197.308									
1000	12056	2455197.308									
1000	12057	2455226.752	2010-01-30 06:03:06	0.751391219	1.290308781	0.777173599º	1.318392484º	224.8697351	55.91131054	0.985050212	Grazing
1000	12058	2455373.986	2010-06-26 11:39:48	0.731810797	1.309889203	0.683556023º	1.208041014º	230.972847	61.95033048	1.016478617	Umbral
1000	12059	2455373.986									
1000	12060	2455373.986									
1000	12061	2455373.986									
1000	12062	2455373.986									
1000	12063	2455551.846	2010-12-21 08:18:30	0.736259485	1.305440515	0.721554739º	1.263488024º	223.8023395	59.0319808	0.983751678	Total
1000	12064	2455551.846									
1000	12065	2455551.846									
1000	12066	2455551.846									
1000	12067	2455551.846									
1000	12068	2455551.846									
1000	12069	2455728.342	2011-06-15 20:13:11	0.746523321	1.295176679	0.735337215º	1.260192157º	231.6192105	58.71642573	1.015762138	Total
1000	12070	2455728.342									
1000	12071	2455728.342									
1000	12072	2455728.342									
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1000	12074	2455906.107	2011-12-10 14:33:38	0.720918311	1.320781689	0.670111627º	1.211478457º	223.1602588	62.28572939	0.984781017	Total
1000	12075	2455906.107									
1000	12076	2455906.107									
1000	12077	2455906.107									
1000	12078	2455906.107									
1000	12079	2455906.107									
1000	12080	2456082.961	2012-06-04 11:04:24	0.757096871	1.284603129	0.777289208º	1.302785365º	231.8539287	56.32476611	1.014522696	Umbral
1000	12081	2456082.961									
1000	12082	2456082.961									
1000	12083	2456082.961									
1000	12084	2456082.961									
1000	12085	2456082.961									
1000	12086	2456230.342	2012-10-29 20:12:29	0.718772145	1.322927855	0.658398703º	1.195274398º	224.7967779	63.22480016	0.993019022	Grazing
1000	12087	2456230.342									
1000	12088	2456230.342									
1000	12089	2456230.342									
1000	12090	2456230.342									
1000	12091	2456260.107	2012-11-28 14:34:36	0.714535244	1.327164756	0.649585944º	1.190056722º	223.1581151	63.70938502	0.986413695	Penumbral
1000	12092	2456408.34	2013-04-25 20:09:41	0.750568561	1.291131439	0.75796603º	1.287825309º	229.5834763	57.27188997	1.006168617	Umbral
1000	12093	2456408.34									

1000	12094	2456408.34									
1000	12095	2456408.34									
1000	12096	2456408.34									
1000	12097	2456437.675	2013-05-25 04:12:10	0.756740631	1.284959369	0.777203567º	1.3035783º	231.436411	56.30579562	1.012829347	Penumbral
1000	12098	2456584.494	2013-10-18 23:51:45	0.732702871	1.308997129	0.701194832º	1.236431935º	226.2356984	60.47821055	0.996059083	Penumbral
1000	12099	2456584.494									
1000	12100	2456584.494									
1000	12101	2456584.494									
1000	12102	2456614.124	2013-11-17 14:58:03	0.722742638	1.318957362	0.673571812º	1.212852863º	224.0490566	62.12506741	0.988589857	Grazing
1000	12103	2456762.825	2014-04-15 07:47:50	0.735232074	1.306467926	0.704710626º	1.236139912º	228.0122799	60.37642749	1.003196082	Total
1000	12104	2456762.825									
1000	12105	2456762.825									
1000	12106	2456762.825									
1000	12107	2456762.825									
1000	12108	2456938.955	2014-10-08 10:55:47	0.748404095	1.293295905	0.755063477º	1.288642356º	227.8450961	57.33142052	0.999154575	Total
1000	12109	2456938.955									
1000	12110	2456938.955									
1000	12111	2456938.955									
1000	12112	2456938.955									
1000	12113	2456938.955									
1000	12114	2457117.002	2015-04-04 12:02:10	0.721155363	1.320544637	0.661218186º	1.194327798º	226.4843217	63.15964782	1.000034076	Total
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1000	12116	2457117.002									
1000	12117	2457117.002									
1000	12118	2457117.002									
1000	12119	2457117.002									
1000	12120	2457293.617	2015-09-28 02:48:35	0.755564301	1.286135699	0.780967537º	1.312943155º	228.8806449	55.95335268	1.002165812	Total
1000	12121	2457293.617									
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1000	12123	2457293.617									
1000	12124	2457293.617									
1000	12125	2457293.617									
1000	12126	2457441.278	2016-02-22 18:40:51	0.721640663	1.320059337	0.669591289º	1.208565202º	224.146887	62.3991615	0.989153214	Grazing
1000	12127	2457441.278									
1000	12128	2457441.278									
1000	12129	2457441.278									
1000	12130	2457470.992	2016-03-23 11:48:29	0.718934178	1.322765822	0.656316215º	1.191139737º	225.6830923	63.43747056	0.996829338	Penumbral
1000	12131	2457618.906	2016-08-18 09:45:15	0.745824647	1.295875353	0.735585329º	1.262332515º	230.70773	58.64657766	1.012113197	Penumbral
1000	12132	2457618.906									
1000	12133	2457618.906									
1000	12134	2457618.906									
1000	12135	2457618.906									
1000	12136	2457648.289	2016-09-16 18:56:31	0.750596059	1.291103941	0.75912597º	1.28954793º	229.2854905	57.1912675	1.005101254	Penumbral
1000	12137	2457795.532	2017-02-11 00:45:23	0.736407168	1.305292832	0.71997277º	1.260154425º	224.4832535	59.17839876	0.986941656	Total Penumbral

1000	12138	2457795.532									
1000	12139	2457795.532									
1000	12140	2457795.532									
1000	12141	2457795.532									
1000	12142	2457825.108	2017-03-12 14:35:31	0.729841952	1.311858048	0.692950914º	1.229427382º	225.6215618	60.95946724	0.993757992	Grazing
1000	12143	2457973.266	2017-08-07 18:22:20	0.731340049	1.310359951	0.683778033º	1.209543744º	230.3589822	61.89414116	1.014002563	Umbral
1000	12144	2457973.266									
1000	12145	2457973.266									
1000	12146	2457973.266									
1000	12147	2457973.266									
1000	12148	2458150.063	2018-01-31 13:31:09	0.748794408	1.292905592	0.766795273º	1.307910781º	224.7883655	56.47472428	0.985238401	Total
1000	12149	2458150.063									
1000	12150	2458150.063									
1000	12151	2458150.063									
1000	12152	2458150.063									
1000	12153	2458150.063									
1000	12154	2458327.35	2018-07-27 20:23:21	0.7235235	1.3181765	0.657824732º	1.182832001º	230.2677335	63.66929918	1.01546742	Total
1000	12155	2458327.35									
1000	12156	2458327.35									
1000	12157	2458327.35									
1000	12158	2458327.35									
1000	12159	2458504.717	2019-01-21 05:13:05	0.750335418	1.291364582	0.773648194º	1.315443234º	224.6151146	56.08512847	0.98400269	Total
1000	12160	2458504.717									
1000	12161	2458504.717									
1000	12162	2458504.717									
1000	12163	2458504.717									
1000	12164	2458504.717									
1000	12165	2458681.397	2019-07-16 21:31:59	0.729039941	1.312660059	0.674634134º	1.199162001º	230.788605	62.54032289	1.016395527	Umbral
1000	12166	2458681.397									
1000	12167	2458681.397									
1000	12168	2458681.397									
1000	12169	2458681.397									
1000	12170	2458681.397									
1000	12171	2458829.731	2019-12-12 05:32:42	0.731783652	1.309916348	0.705494723º	1.246983748º	223.7474642	60.01882425	0.984558786	Grazing
1000	12172	2458829.731									
1000	12173	2458829.731									
1000	12174	2458829.731									
1000	12175	2458829.731									
1000	12176	2458859.299	2020-01-10 19:10:59	0.73985165	1.30184835	0.734613228º	1.276776669º	223.9130157	58.25695192	0.98333406	Penumbral
1000	12177	2459006.31	2020-06-05 19:25:46	0.750132566	1.291567434	0.749825539º	1.275216395º	231.5324357	57.85889846	1.01472603	Penumbral
1000	12178	2459006.31									
1000	12179	2459006.31									
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1000	12181	2459006.31									

1000	12182	2459183.906	2020-11-30 09:44:37	0.717977868	1.323722132	0.660111344º	1.200740194º	223.3007099	62.9814425	0.986125283	Penumbral
1000	12183	2459183.906									
1000	12184	2459183.906									
1000	12185	2459183.906									
1000	12186	2459183.906									
1000	12187	2459213.632	2020-12-30 03:09:34	0.723846636	1.317853364	0.68033471º	1.222519879º	223.0003489	61.58817331	0.983294653	Grazing
1000	12188	2459360.972	2021-05-26 11:19:44	0.757971642	1.283728358	0.782090684º	1.30834111º	231.5369604	56.04527295	1.013068591	Total
1000	12189	2459360.972									
1000	12190	2459360.972									
1000	12191	2459360.972									
1000	12192	2459360.972									
1000	12193	2459537.878	2021-11-19 09:04:49	0.715833062	1.325866938	0.652452099º	1.19191538º	223.6002653	63.54543539	0.988255915	Umbral
1000	12194	2459537.878									
1000	12195	2459537.878									
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1000	12197	2459537.878									
1000	12198	2459537.878									
1000	12199	2459715.675	2022-05-16 04:12:19	0.75412787	1.28757213	0.768104565º	1.295454377º	230.8939513	56.77702928	1.010956609	Total
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1000	12202	2459715.675									
1000	12203	2459715.675									
1000	12204	2459715.675									
1000	12205	2459891.959	2022-11-08 11:00:28	0.7275382	1.3141618	0.687632775º	1.225714689º	224.7743854	61.24837327	0.99079297	Total
1000	12206	2459891.959									
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1000	12209	2459891.959									
1000	12210	2460070.225	2023-05-05 17:24:10	0.740317505	1.301382495	0.718451641º	1.24709672º	229.5456486	59.61519633	1.0084796	Penumbral
1000	12211	2460070.225									
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1000	12213	2460070.225									
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1000	12215	2460070.225									
1000	12216	2460216.927	2023-09-29 10:15:11	0.752072344	1.289627656	0.767300502º	1.29944852º	228.6302724	56.69040102	1.001841142	Grazing
1000	12217	2460216.927									
1000	12218	2460216.927									
1000	12219	2460216.927									
1000	12220	2460216.927									
1000	12221	2460246.344	2023-10-28 20:15:23	0.743969052	1.297730948	0.742524744º	1.279121609º	226.3508437	57.95923959	0.993535022	Umbral
1000	12222	2460394.802	2024-03-25 07:14:26	0.71846561	1.32323439	0.654689618º	1.189257539º	225.7371163	63.55841374	0.997305969	Penumbral
1000	12223	2460394.802									
1000	12224	2460394.802									
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1000	12226	2460394.802									
1000	12227	2460424.479	2024-04-23 23:30:13	0.72509193	1.31660807	0.669695028º	1.199811423º	228.0039003	62.68589599	1.005680607	Grazing
1000	12228	2460571.615	2024-09-18 02:45:55	0.755795099	1.285904901	0.779897547º	1.310481959º	229.4835107	56.04774096	1.004793518	Umbral
1000	12229	2460571.615									
1000	12230	2460571.615									
1000	12231	2460571.615									
1000	12232	2460571.615									
1000	12233	2460748.792	2025-03-14 07:00:37	0.720465567	1.321234433	0.662738098º	1.198978638º	225.1780446	62.95073982	0.994195212	Total
1000	12234	2460748.792									
1000	12235	2460748.792									
1000	12236	2460748.792									
1000	12237	2460748.792									
1000	12238	2460926.259	2025-09-07 18:13:11	0.747737791	1.293962209	0.746255298º	1.275375325º	229.7263614	57.95773044	1.007574371	Total
1000	12239	2460926.259									
1000	12240	2460926.259									
1000	12241	2460926.259									
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1000	12244	2461102.983	2026-03-03 11:35:29	0.73376972	1.30793028	0.70785517º	1.245653533º	225.2934598	59.98605748	0.991315359	Total
1000	12245	2461102.983									
1000	12246	2461102.983									
1000	12247	2461102.983									
1000	12248	2461102.983									
1000	12249	2461102.983									
1000	12250	2461280.677	2026-08-28 04:14:16	0.73336824	1.30833176	0.693329309º	1.22109285º	229.548405	61.21088609	1.01016409	Umbral
1000	12251	2461280.677									
1000	12252	2461280.677									
1000	12253	2461280.677									
1000	12254	2461280.677									
1000	12255	2461280.677									
1000	12256	2461428.024	2027-01-22 12:34:33	0.750386718	1.291313282	0.773863263º	1.315582139º	224.6230454	56.07558683	0.984141041	Grazing
1000	12257	2461428.024									
1000	12258	2461428.024									
1000	12259	2461428.024									
1000	12260	2461428.024									
1000	12261	2461457.468	2027-02-20 23:14:15	0.747436672	1.294263328	0.758976026º	1.298150105º	225.4935735	56.95796914	0.988785996	Penumbral
1000	12262	2461605.17	2027-07-18 16:04:38	0.723859925	1.317840075	0.658280057º	1.182877193º	230.4849479	63.65181725	1.01626132	Penumbral
1000	12263	2461605.17									
1000	12264	2461605.17									
1000	12265	2461605.17									
1000	12266	2461634.802	2027-08-17 07:15:28	0.723336051	1.318363949	0.65932856º	1.18588245º	229.543999	63.51224405	1.01248474	Penumbral
1000	12267	2461782.677	2028-01-12 04:14:25	0.748317629	1.293382371	0.766167629º	1.308274974º	224.3920974	56.48215992	0.983435814	Umbral
1000	12268	2461782.677									
1000	12269	2461782.677									

1000	12270	2461782.677									
1000	12271	2461782.677									
1000	12272	2461812.117	2028-02-10 14:49:07	0.751721894	1.289978106	0.777286274º	1.317597409º	225.2418587	55.92934281	0.986705148	Grazing
1000	12273	2461959.265	2028-07-06 18:21:51	0.732695561	1.309004439	0.686360722º	1.210749243º	231.0620268	61.76983674	1.016665615	Umbral
1000	12274	2461959.265									
1000	12275	2461959.265									
1000	12276	2461959.265									
1000	12277	2461959.265									
1000	12278	2462137.203	2028-12-31 16:53:01	0.735329542	1.306370458	0.718609896º	1.260789085º	223.6538181	59.20076919	0.983305499	Total
1000	12279	2462137.203									
1000	12280	2462137.203									
1000	12281	2462137.203									
1000	12282	2462137.203									
1000	12283	2462137.203									
1000	12284	2462313.642	2029-06-26 03:24:05	0.747616124	1.294083876	0.738808586º	1.263292485º	231.8561917	58.52315206	1.016480733	Total
1000	12285	2462313.642									
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1000	12289	2462313.642									
1000	12290	2462491.447	2029-12-20 22:43:17	0.719969735	1.321730265	0.667800773º	1.209730492º	222.8870705	62.42089276	0.983758149	Total
1000	12291	2462491.447									
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1000	12294	2462491.447									
1000	12295	2462668.274	2030-06-15 18:34:27	0.757765008	1.283934992	0.778979662º	1.303840659º	232.1855199	56.25019363	1.015750419	Umbral
1000	12296	2462668.274									
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1000	12299	2462668.274									
1000	12300	2462668.274									
1000	12301	2462815.662	2030-11-10 03:53:52	0.718437145	1.323262855	0.659061122º	1.197380797º	224.1951266	63.13071024	0.990355365	Grazing
1000	12302	2462815.662									
1000	12303	2462815.662									
1000	12304	2462815.662									
1000	12305	2462815.662									
1000	12306	2462845.437	2030-12-09 22:29:34	0.714117345	1.327582655	0.649281541º	1.190615579º	222.8019715	63.70082468	0.984840672	Penumbral
1000	12307	2462993.661	2031-05-07 03:52:20	0.750588658	1.291111342	0.755933107º	1.284381574º	230.218364	57.4256068	1.008854812	Penumbral
1000	12308	2462993.661									
1000	12309	2462993.661									
1000	12310	2462993.661									
1000	12311	2462993.661									
1000	12312	2463022.99	2031-06-05 11:45:36	0.756788098	1.284911902	0.776008558º	1.30149613º	231.8467199	56.39459196	1.014539272	Penumbral
1000	12313	2463169.825	2031-10-30 07:47:30	0.732772129	1.308927871	0.703402481º	1.24021206º	225.5970131	60.29188668	0.993141327	Penumbral

1000	12314	2463169.825									
1000	12315	2463169.825									
1000	12316	2463169.825									
1000	12317	2463169.825									
1000	12318	2463199.459	2031-11-28 23:01:14	0.722876742	1.318823258	0.675264366º	1.215691242º	223.6201513	61.97617712	0.98649383	Grazing
1000	12319	2463348.135	2032-04-25 15:15:04	0.735151722	1.306548278	0.702349647º	1.232222693º	228.6830987	60.57239368	1.006142475	Total
1000	12320	2463348.135									
1000	12321	2463348.135									
1000	12322	2463348.135									
1000	12323	2463524.295	2032-10-18 19:04:35	0.748272976	1.293427024	0.756824846º	1.292036838º	227.1535784	57.18723701	0.996105816	Total
1000	12324	2463524.295									
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1000	12326	2463524.295									
1000	12327	2463524.295									
1000	12328	2463524.295									
1000	12329	2463702.301	2033-04-14 19:14:07	0.721617699	1.320082301	0.660615064º	1.192108715º	227.2051538	63.25559768	1.003074592	Total
1000	12330	2463702.301									
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1000	12333	2463702.301									
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1000	12335	2463878.956	2033-10-08 10:56:31	0.754812568	1.286887432	0.780317431º	1.313906611º	228.146319	55.9453564	0.999135286	Total
1000	12336	2463878.956									
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1000	12341	2464026.605	2034-03-05 02:31:51	0.723049923	1.318650077	0.672397827º	1.21001235º	224.7754635	62.25738916	0.991654345	Grazing
1000	12342	2464026.605									
1000	12343	2464026.605									
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1000	12345	2464026.605									
1000	12346	2464056.297	2034-04-03 19:07:26	0.720214649	1.321485351	0.658241411º	1.19146253º	226.4378372	63.35967359	0.999824949	Penumbral
1000	12347	2464204.214	2034-08-29 17:07:53	0.74431696	1.29738304	0.731799948º	1.259719646º	230.0873111	58.83574896	1.009865288	Grazing
1000	12348	2464204.214									
1000	12349	2464204.214									
1000	12350	2464204.214									
1000	12351	2464233.617	2034-09-28 02:47:57	0.749171966	1.292528034	0.755917684º	1.287890833º	228.5294274	57.32812147	1.002170464	Umbral
1000	12352	2464380.88	2035-02-22 09:06:38	0.737803979	1.303896021	0.723415875º	1.262442014º	225.0249607	59.00690164	0.989057374	Penumbral
1000	12353	2464380.88									
1000	12354	2464380.88									
1000	12355	2464380.88									
1000	12356	2464380.88									
1000	12357	2464410.433	2035-03-23 22:24:04	0.731525868	1.310174132	0.696556697º	1.231479348º	226.3669785	60.77969636	0.996644612	Grazing

1000	12358	2464558.55	2035-08-19 01:12:31	0.729977301	1.311722699	0.680669742º	1.20736945º	229.8404646	62.06802329	1.012204431	Umbral
1000	12359	2464558.55									
1000	12360	2464558.55									
1000	12361	2464558.55									
1000	12362	2464558.55									
1000	12363	2464735.426	2036-02-11 22:13:44	0.749609732	1.292090268	0.768747311º	1.308937382º	225.1952509	56.39334596	0.986926281	Total
1000	12364	2464735.426									
1000	12365	2464735.426									
1000	12366	2464735.426									
1000	12367	2464735.426									
1000	12368	2464735.426									
1000	12369	2464912.62	2036-08-07 02:52:44	0.72301027	1.31868973	0.657208481º	1.182925172º	229.9074114	63.68766839	1.014097111	Total
1000	12370	2464912.62									
1000	12371	2464912.62									
1000	12372	2464912.62									
1000	12373	2464912.62									
1000	12374	2464912.62									
1000	12375	2465090.085	2037-01-31 14:01:41	0.750370615	1.291329385	0.772928488º	1.314034368º	224.8758046	56.14229199	0.985255932	Total
1000	12376	2465090.085									
1000	12377	2465090.085									
1000	12378	2465090.085									
1000	12379	2465090.085									
1000	12380	2465266.674	2037-07-27 04:10:25	0.729501332	1.312198668	0.676732852º	1.201726351º	230.6073626	62.38483149	1.015494056	Umbral
1000	12381	2465266.674									
1000	12382	2465266.674									
1000	12383	2465266.674									
1000	12384	2465266.674									
1000	12385	2465266.674									
1000	12386	2465415.083	2037-12-22 13:59:04	0.730691168	1.311008832	0.702454918º	1.244426741º	223.4826576	60.19192355	0.983681724	Grazing
1000	12387	2465415.083									
1000	12388	2465415.083									
1000	12389	2465415.083									
1000	12390	2465415.083									
1000	12391	2465444.66	2038-01-21 03:49:57	0.739258724	1.302441276	0.73206892º	1.273838155º	224.0156758	58.41646097	0.984049561	Penumbral
1000	12392	2465591.614	2038-06-17 02:44:50	0.751232615	1.290467385	0.753071178º	1.277889772º	231.8761867	57.68974398	1.015832487	Penumbral
1000	12393	2465591.614									
1000	12394	2465591.614									
1000	12395	2465591.614									
1000	12396	2465591.614									
1000	12397	2465620.983	2038-07-16 11:35:39	0.744348581	1.297351419	0.726803359º	1.251355414º	231.6703812	59.23314518	1.016348659	Penumbral
1000	12398	2465769.24	2038-12-11 17:45:37	0.717049735	1.324650265	0.658215015º	1.199636024º	222.9295835	63.08366841	0.984682472	Penumbral
1000	12399	2465769.24									
1000	12400	2465769.24									
1000	12401	2465769.24									

1000	12402	2465798.977	2039-01-10 11:27:15	0.723108333	1.318591667	0.677978492º	1.220109483º	222.9657437	61.74321255	0.98339292	Grazing
1000	12403	2465946.288	2039-06-06 18:54:28	0.758533904	1.283166096	0.783021888º	1.308432198º	231.9615148	56.0176123	1.014688459	Umbral
1000	12404	2465946.288									
1000	12405	2465946.288									
1000	12406	2465946.288									
1000	12407	2465946.288									
1000	12408	2466123.206	2039-11-30 16:56:35	0.715521995	1.326178005	0.652720068º	1.193280482º	223.1588483	63.48941931	0.986250128	Umbral
1000	12409	2466123.206									
1000	12410	2466123.206									
1000	12411	2466123.206									
1000	12412	2466123.206									
1000	12413	2466123.206									
1000	12414	2466300.991	2040-05-26 11:46:49	0.754095173	1.287604827	0.766323211º	1.292567665º	231.3868403	56.9057671	1.013080087	Total
1000	12415	2466300.991									
1000	12416	2466300.991									
1000	12417	2466300.991									
1000	12418	2466300.991									
1000	12419	2466300.991									
1000	12420	2466477.295	2040-11-18 19:04:40	0.727687421	1.314012579	0.689653181º	1.229076279º	224.2664686	61.07653794	0.988329531	Total
1000	12421	2466477.295									
1000	12422	2466477.295									
1000	12423	2466477.295									
1000	12424	2466477.295									
1000	12425	2466477.295									
1000	12426	2466655.53	2041-05-16 00:43:35	0.740072771	1.301627229	0.715772641º	1.243119919º	230.109348	59.81787165	1.010961467	Umbral
1000	12427	2466655.53									
1000	12428	2466655.53									
1000	12429	2466655.53									
1000	12430	2466655.53									
1000	12431	2466802.264	2041-10-09 18:20:28	0.751791363	1.289908637	0.76853598º	1.302335918º	227.9173378	56.577696	0.998740801	Grazing
1000	12432	2466802.264									
1000	12433	2466802.264									
1000	12434	2466802.264									
1000	12435	2466802.264									
1000	12436	2466831.691	2041-11-08 04:34:51	0.744002847	1.297697153	0.744583989º	1.282665885º	225.754906	57.79904977	0.990793005	Umbral
1000	12437	2466980.105	2042-04-05 14:30:41	0.719161684	1.322538316	0.654815612º	1.187748318º	226.4651103	63.60573368	1.000366034	Penumbral
1000	12438	2466980.105									
1000	12439	2466980.105									
1000	12440	2466980.105									
1000	12441	2466980.105									
1000	12442	2467009.771	2042-05-05 06:30:29	0.725298736	1.316401264	0.668434468º	1.197111304º	228.6596695	62.81887354	1.008419021	Grazing
1000	12443	2467156.949	2042-09-29 10:46:11	0.754848441	1.286851559	0.778418166º	1.310590986º	228.7493059	56.08497898	1.001794451	Penumbral
1000	12444	2467156.949									
1000	12445	2467156.949									

1000	12446	2467156.949									
1000	12447	2467156.949									
1000	12448	2467186.316	2042-10-28 19:34:46	0.753191594	1.288508406	0.778070002º	1.314679691º	226.8110348	55.98559703	0.993511278	Grazing
1000	12449	2467334.105	2043-03-25 14:31:36	0.721902694	1.319797306	0.66527433º	1.199930594º	225.9154576	62.83222514	0.99714118	Total
1000	12450	2467334.105									
1000	12451	2467334.105									
1000	12452	2467334.105									
1000	12453	2467334.105									
1000	12454	2467511.578	2043-09-19 01:52:52	0.746193744	1.295506256	0.74261907º	1.273203753º	228.9898817	58.12548368	1.004793003	Total
1000	12455	2467511.578									
1000	12456	2467511.578									
1000	12457	2467511.578									
1000	12458	2467511.578									
1000	12459	2467688.318	2044-03-13 19:38:06	0.735392744	1.306307256	0.711542609º	1.247854249º	225.9907585	59.80494305	0.994063411	Total
1000	12460	2467688.318									
1000	12461	2467688.318									
1000	12462	2467688.318									
1000	12463	2467688.318									
1000	12464	2467688.318									
1000	12465	2467865.973	2044-09-07 11:21:25	0.731746668	1.309953332	0.689758613º	1.218845359º	228.8596622	61.39832638	1.007637749	Total
1000	12466	2467865.973									
1000	12467	2467865.973									
1000	12468	2467865.973									
1000	12469	2467865.973									
1000	12470	2467865.973									
1000	12471	2468013.391	2045-02-01 21:22:37	0.750906935	1.290793065	0.775007108º	1.316035827º	224.9190621	56.03247955	0.985396448	Grazing
1000	12472	2468013.391									
1000	12473	2468013.391									
1000	12474	2468013.391									
1000	12475	2468013.391									
1000	12476	2468042.822	2045-03-03 07:43:24	0.748596998	1.293103002	0.761656086º	1.299476783º	226.0914363	56.84665065	0.991274194	Penumbral
1000	12477	2468190.439	2045-07-28 22:31:34	0.723740682	1.317959318	0.658572678º	1.183646469º	230.2528531	63.61518492	1.015338772	Grazing
1000	12478	2468190.439									
1000	12479	2468190.439									
1000	12480	2468190.439									
1000	12481	2468190.439									
1000	12482	2468220.08	2045-08-27 13:55:33	0.722378733	1.319321267	0.657893689º	1.185590819º	228.9686099	63.57223731	1.010291221	Penumbral
1000	12483	2468368.044	2046-01-22 13:03:11	0.748062328	1.293637672	0.764662321º	1.306373723º	224.533976	56.57517885	0.984154617	Umbral
1000	12484	2468368.044									
1000	12485	2468368.044									
1000	12486	2468368.044									
1000	12487	2468397.479	2046-02-20 23:30:06	0.752127657	1.289572343	0.777349157º	1.316520851º	225.7189313	55.95620152	0.988790368	Grazing
1000	12488	2468544.546	2046-07-18 01:06:04	0.733443175	1.308256825	0.689122267º	1.21369859º	231.0130216	61.58405268	1.01630164	Umbral
1000	12489	2468544.546									

1000	12490	2468544.546									
1000	12491	2468544.546									
1000	12492	2468544.546									
1000	12493	2468722.56	2047-01-12 01:27:07	0.73454373	1.30715627	0.715809898º	1.25791063º	223.6349347	59.37148193	0.983447811	Total
1000	12494	2468722.56									
1000	12495	2468722.56									
1000	12496	2468722.56									
1000	12497	2468722.56									
1000	12498	2468722.56									
1000	12499	2468898.941	2047-07-07 10:35:36	0.748543674	1.293156326	0.742110974º	1.266499827º	231.9552194	58.33302382	1.016664971	Total
1000	12500	2468898.941									
1000	12501	2468898.941									
1000	12502	2468898.941									
1000	12503	2468898.941									
1000	12504	2468898.941									
1000	12505	2469076.788	2048-01-01 06:54:17	0.719208331	1.322491669	0.665741163º	1.207922785º	222.7430387	62.55013894	0.983301087	Total
1000	12506	2469076.788									
1000	12507	2469076.788									
1000	12508	2469076.788									
1000	12509	2469076.788									
1000	12510	2469076.788									
1000	12511	2469253.585	2048-06-26 02:02:48	0.758258395	1.283441605	0.780389352º	1.304880647º	232.3850241	56.18387721	1.0164664	Umbral
1000	12512	2469253.585									
1000	12513	2469253.585									
1000	12514	2469253.585									
1000	12515	2469253.585									
1000	12516	2469400.989	2048-11-20 11:43:35	0.718235182	1.323464818	0.65990136º	1.199500318º	223.6782496	63.03035906	0.988007426	Grazing
1000	12517	2469400.989									
1000	12518	2469400.989									
1000	12519	2469400.989									
1000	12520	2469400.989									
1000	12521	2469430.77	2048-12-20 06:28:41	0.71389533	1.32780467	0.649243998º	1.191151267º	222.5692918	63.68371916	0.983798904	Penumbral
1000	12522	2469578.977	2049-05-17 11:27:30	0.750498813	1.291201187	0.753700921º	1.280905813º	230.7814197	57.58675485	1.011234505	Penumbral
1000	12523	2469578.977									
1000	12524	2469578.977									
1000	12525	2469578.977									
1000	12526	2469578.977									
1000	12527	2469608.302	2049-06-15 19:14:55	0.75667012	1.28502988	0.77452372º	1.299400034º	232.1347918	56.4920287	1.015720777	Penumbral
1000	12528	2469755.161	2049-11-09 15:52:25	0.732905287	1.308794713	0.705661098º	1.243905284º	225.0201121	60.10777917	0.990494263	Penumbral
1000	12529	2469755.161									
1000	12530	2469755.161									
1000	12531	2469755.161									
1000	12532	2469755.161									
1000	12533	2469784.799	2049-12-09 07:10:53	0.723161625	1.318538375	0.677158928º	1.218428663º	223.3026952	61.8246042	0.984957672	Grazing

1000	12534	2469933.44	2050-05-06 22:33:03	0.735016726	1.306683274	0.69991698º	1.2283943º	229.3091647	60.76914119	1.008799731	Total
1000	12535	2469933.44									
1000	12536	2469933.44									
1000	12537	2469933.44									
1000	12538	2469933.44									
1000	12539	2470109.64	2050-10-30 03:21:58	0.748144632	1.293555368	0.758487506º	1.295258519º	226.498089	57.05131676	0.993212681	Total
1000	12540	2470109.64									
1000	12541	2470109.64									
1000	12542	2470109.64									
1000	12543	2470109.64									
1000	12544	2470287.595	2051-04-26 02:16:36	0.722091571	1.319608429	0.660090944º	1.190047497º	227.9097219	63.34373287	1.005983933	Total
1000	12545	2470287.595									
1000	12546	2470287.595									
1000	12547	2470287.595									
1000	12548	2470287.595									
1000	12549	2470287.595									
1000	12550	2470464.3	2051-10-19 19:12:08	0.754031515	1.287668485	0.779495746º	1.314720428º	227.4243687	55.94596674	0.996082198	Total
1000	12551	2470464.3									
1000	12552	2470464.3									
1000	12553	2470464.3									
1000	12554	2470464.3									
1000	12555	2470464.3									
1000	12556	2470641.596	2052-04-14 02:18:16	0.72154431	1.32015569	0.660337989º	1.191925793º	227.2019432	63.27137613	1.002896933	Penumbral
1000	12557	2470641.596									
1000	12558	2470641.596									
1000	12559	2470641.596									
1000	12560	2470641.596									
1000	12561	2470641.596									
1000	12562	2470789.524	2052-09-09 00:35:15	0.742714282	1.298985718	0.727925171º	1.257223507º	229.3912577	59.0253862	1.007234941	Grazing
1000	12563	2470789.524									
1000	12564	2470789.524									
1000	12565	2470789.524									
1000	12566	2470789.524									
1000	12567	2470818.949	2052-10-08 10:46:11	0.747709331	1.293990669	0.752604635º	1.286229827º	227.7619801	57.46872812	0.999067858	Umbral
1000	12568	2470966.224	2053-03-04 17:22:24	0.739294706	1.302405294	0.726996129º	1.264620556º	225.6540831	58.83549707	0.991636078	Penumbral
1000	12569	2470966.224									
1000	12570	2470966.224									
1000	12571	2470966.224									
1000	12572	2470995.754	2053-04-03 06:05:36	0.733257834	1.308442166	0.700308458º	1.233571923º	227.1445924	60.59509141	0.999745552	Grazing
1000	12573	2471143.838	2053-08-29 08:06:43	0.728529615	1.313170385	0.677560904º	1.205461988º	229.2268044	62.23414234	1.009900895	Total Penumbral
1000	12574	2471143.838									
1000	12575	2471143.838									
1000	12576	2471143.838									
1000	12577	2471143.838									

1000	12578	2471320.786	2054-02-22 06:51:32	0.750505379	1.291194621	0.770704763º	1.309712846º	225.7048306	56.31880457	0.989090506	Total
1000	12579	2471320.786									
1000	12580	2471320.786									
1000	12581	2471320.786									
1000	12582	2471320.786									
1000	12583	2471320.786									
1000	12584	2471497.893	2054-08-18 09:26:34	0.72240881	1.31929119	0.656647383º	1.183298524º	229.433824	63.69447949	1.012297773	Total
1000	12585	2471497.893									
1000	12586	2471497.893									
1000	12587	2471497.893									
1000	12588	2471497.893									
1000	12589	2471497.893									
1000	12590	2471675.449	2055-02-11 22:46:12	0.750494928	1.291205072	0.772164428º	1.312349893º	225.2518726	56.20816106	0.986934696	Total
1000	12591	2471675.449									
1000	12592	2471675.449									
1000	12593	2471675.449									
1000	12594	2471675.449									
1000	12595	2471675.449									
1000	12596	2471851.954	2055-08-07 10:53:29	0.729842331	1.311857669	0.678843161º	1.204499712º	230.2988445	62.22286395	1.014213134	Umbral
1000	12597	2471851.954									
1000	12598	2471851.954									
1000	12599	2471851.954									
1000	12600	2471851.954									
1000	12601	2472000.435	2056-01-02 22:26:22	0.729754157	1.311945843	0.699566585º	1.241773135º	223.3455201	60.36424327	0.983255878	Grazing
1000	12602	2472000.435									
1000	12603	2472000.435									
1000	12604	2472000.435									
1000	12605	2472000.435									
1000	12606	2472030.018	2056-02-01 12:25:34	0.738790912	1.302909088	0.729582559º	1.270712698º	224.2428133	58.58056696	0.985211761	Penumbral
1000	12607	2472176.919	2056-06-27 10:03:05	0.752167454	1.289532546	0.756145137º	1.280601892º	232.0875764	57.5253931	1.016533341	Penumbral
1000	12608	2472176.919									
1000	12609	2472176.919									
1000	12610	2472176.919									
1000	12611	2472176.919									
1000	12612	2472206.28	2056-07-26 18:43:36	0.745050394	1.296649606	0.729991502º	1.254947926º	231.5129312	59.03044178	1.015565775	Penumbral
1000	12613	2472354.576	2056-12-22 01:49:40	0.716311072	1.325388928	0.656557618º	1.198528696º	222.6820446	63.17809971	0.983683076	Penumbral
1000	12614	2472354.576									
1000	12615	2472354.576									
1000	12616	2472354.576									
1000	12617	2472354.576									
1000	12618	2472384.321	2057-01-20 19:42:57	0.722548503	1.319151497	0.675823548º	1.217620376º	223.0627597	61.89493373	0.983999445	Grazing
1000	12619	2472531.601	2057-06-17 02:26:07	0.758929086	1.282770914	0.783671275º	1.308480375º	232.2634828	55.99874682	1.015850864	Umbral
1000	12620	2472531.601									
1000	12621	2472531.601									

1000	12622	2472531.601									
1000	12623	2472531.601									
1000	12624	2472708.538	2057-12-11 00:54:12	0.715389534	1.326310466	0.653241562º	1.194612904º	222.8314799	63.42581114	0.98477281	Umbral
1000	12625	2472708.538									
1000	12626	2472708.538									
1000	12627	2472708.538									
1000	12628	2472708.538									
1000	12629	2472886.303	2058-06-06 19:15:52	0.753912352	1.287787648	0.764271176º	1.289689703º	231.7704379	57.04245081	1.01467259	Total
1000	12630	2472886.303									
1000	12631	2472886.303									
1000	12632	2472886.303									
1000	12633	2472886.303									
1000	12634	2472886.303									
1000	12635	2473062.636	2058-11-30 03:16:27	0.727956575	1.313743425	0.691820913º	1.232319873º	223.8564679	60.90465667	0.986362264	Total
1000	12636	2473062.636									
1000	12637	2473062.636									
1000	12638	2473062.636									
1000	12639	2473062.636									
1000	12640	2473062.636									
1000	12641	2473240.83	2059-05-27 07:55:23	0.739720315	1.301979685	0.712970231º	1.239246365º	230.5844684	60.02261508	1.013019104	Umbral
1000	12642	2473240.83									
1000	12643	2473240.83									
1000	12644	2473240.83									
1000	12645	2473240.83									
1000	12646	2473240.83									
1000	12647	2473387.607	2059-10-21 02:34:10	0.751485244	1.290214756	0.76963863º	1.305042909º	227.2191719	56.47397085	0.995748071	Grazing
1000	12648	2473387.607									
1000	12649	2473387.607									
1000	12650	2473387.607									
1000	12651	2473417.043	2059-11-19 13:02:04	0.744092442	1.297607558	0.746621502º	1.286010439º	225.2357743	57.6459914	0.988392124	Umbral
1000	12652	2473565.401	2060-04-15 21:37:36	0.719902	1.321798	0.655059042º	1.186392286º	227.1994123	63.64375692	1.003377416	Penumbral
1000	12653	2473565.401									
1000	12654	2473565.401									
1000	12655	2473565.401									
1000	12656	2473565.401									
1000	12657	2473595.057	2060-05-15 13:22:13	0.725458303	1.316241697	0.667202287º	1.194599147º	229.2524973	62.94513253	1.010866424	Grazing
1000	12658	2473742.287	2060-10-09 18:53:45	0.753852092	1.287847908	0.776774972º	1.310579057º	228.006143	56.12995069	0.998733043	Penumbral
1000	12659	2473742.287									
1000	12660	2473742.287									
1000	12661	2473742.287									
1000	12662	2473742.287									
1000	12663	2473771.67	2060-11-08 04:04:20	0.752655359	1.289044641	0.777966337º	1.316046982º	226.1838794	55.95209667	0.990795308	Penumbral
1000	12664	2473919.413	2061-04-04 21:54:51	0.723409074	1.318290926	0.667983706º	1.201001855º	226.6832592	62.70430139	1.000205676	Total
1000	12665	2473919.413									

1000	12666	2473919.413									
1000	12667	2473919.413									
1000	12668	2473919.413									
1000	12669	2474096.902	2061-09-29 09:38:49	0.744595564	1.297104436	0.738902916º	1.271085394º	228.2209221	58.29502283	1.00177627	Total
1000	12670	2474096.902									
1000	12671	2474096.902									
1000	12672	2474096.902									
1000	12673	2474096.902									
1000	12674	2474096.902									
1000	12675	2474273.649	2062-03-25 03:34:00	0.737075741	1.304624259	0.71533907º	1.250058775º	226.7393552	59.6214587	0.997022874	Total
1000	12676	2474273.649									
1000	12677	2474273.649									
1000	12678	2474273.649									
1000	12679	2474273.649									
1000	12680	2474451.274	2062-09-18 18:34:17	0.730078236	1.311621764	0.686229399º	1.216790884º	228.1158303	61.57935547	1.004836937	Total
1000	12681	2474451.274									
1000	12682	2474451.274									
1000	12683	2474451.274									
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1000	12685	2474451.274									
1000	12686	2474598.755	2063-02-13 06:06:48	0.751515601	1.290184399	0.776142118º	1.316198062º	225.3288837	55.99742287	0.987171391	Grazing
1000	12687	2474598.755									
1000	12688	2474598.755									
1000	12689	2474598.755									
1000	12690	2474598.755									
1000	12691	2474628.171	2063-03-14 16:06:10	0.749806501	1.291893499	0.76431905º	1.300645247º	226.7602922	56.74055863	0.994036429	Umbral
1000	12692	2474775.71	2063-08-09 05:02:16	0.723518907	1.318181093	0.658900653º	1.18470495º	229.8955125	63.56745382	1.013928148	Grazing
1000	12693	2474775.71									
1000	12694	2474775.71									
1000	12695	2474775.71									
1000	12696	2474775.71									
1000	12697	2474805.362	2063-09-07 20:41:52	0.721371093	1.320328907	0.656534975º	1.185556366º	228.3151035	63.62085738	1.007762232	Penumbral
1000	12698	2474953.409	2064-02-02 21:48:53	0.747909926	1.293790074	0.763169338º	1.304179524º	224.7987735	56.67613802	0.985430204	Umbral
1000	12699	2474953.409									
1000	12700	2474953.409									
1000	12701	2474953.409									
1000	12702	2474953.409									
1000	12703	2474982.837	2064-03-03 08:04:55	0.752590463	1.289109537	0.777360574º	1.315162252º	226.2857447	55.99197228	0.991309251	Grazing
1000	12704	2475129.829	2064-07-28 07:53:51	0.734054323	1.307645677	0.691830339º	1.216871971º	230.8290436	61.39396474	1.01540096	Umbral
1000	12705	2475129.829									
1000	12706	2475129.829									
1000	12707	2475129.829									
1000	12708	2475307.916	2065-01-22 09:59:05	0.733901731	1.307798269	0.713147776º	1.254852284º	223.7451819	59.54436849	0.984167141	Total
1000	12709	2475307.916									

1000	12710	2475307.916									
1000	12711	2475307.916									
1000	12712	2475307.916									
1000	12713	2475307.916									
1000	12714	2475484.242	2065-07-17 17:48:57	0.749301664	1.292398336	0.745221975º	1.269805433º	231.9139978	58.14689682	1.016287818	Total
1000	12715	2475484.242									
1000	12716	2475484.242									
1000	12717	2475484.242									
1000	12718	2475484.242									
1000	12719	2475484.242									
1000	12720	2475662.128	2066-01-11 15:04:56	0.71863932	1.32306068	0.663936768º	1.206042862º	222.7316838	62.67367138	0.983438083	Total
1000	12721	2475662.128									
1000	12722	2475662.128									
1000	12723	2475662.128									
1000	12724	2475662.128									
1000	12725	2475662.128									
1000	12726	2475838.896	2066-07-07 09:30:35	0.758569812	1.283130188	0.781504253º	1.305905302º	232.4455928	56.12614128	1.016641325	Umbral
1000	12727	2475838.896									
1000	12728	2475838.896									
1000	12729	2475838.896									
1000	12730	2475838.896									
1000	12731	2475838.896									
1000	12732	2475986.32	2066-12-01 19:40:32	0.718186885	1.323513115	0.660937107º	1.201605329º	223.2629348	62.92413027	0.986053472	Grazing
1000	12733	2475986.32									
1000	12734	2475986.32									
1000	12735	2475986.32									
1000	12736	2476016.104	2066-12-31 14:30:19	0.713878551	1.327821449	0.649472157º	1.19166077º	222.4671348	63.65822627	0.983288407	Penumbral
1000	12737	2476164.289	2067-05-28 18:55:57	0.750279023	1.291420977	0.75127733º	1.277411624º	231.2514822	57.75484177	1.013292203	Penumbral
1000	12738	2476164.289									
1000	12739	2476164.289									
1000	12740	2476164.289									
1000	12741	2476164.289									
1000	12742	2476193.612	2067-06-27 02:41:11	0.756376867	1.285323133	0.77278628º	1.297266415º	232.2896114	56.59780536	1.016488027	Penumbral
1000	12743	2476340.504	2067-11-21 00:05:38	0.733124901	1.308575099	0.70796105º	1.247511069º	224.5247156	59.92617294	0.988097042	Penumbral
1000	12744	2476340.504									
1000	12745	2476340.504									
1000	12746	2476340.504									
1000	12747	2476340.504									
1000	12748	2476370.143	2067-12-20 15:25:30	0.72361026	1.31808974	0.679214354º	1.221106208º	223.1072418	61.67041964	0.983826891	Grazing
1000	12749	2476518.738	2068-05-17 05:42:26	0.734804251	1.306895749	0.697444982º	1.224649579º	229.8670717	60.965797	1.011235071	Umbral
1000	12750	2476518.738									
1000	12751	2476518.738									
1000	12752	2476518.738									
1000	12753	2476518.738									

1000	12754	2476694.991	2068-11-09 11:47:24	0.748043741	1.293656259	0.760057846º	1.298293501º	225.9010332	56.92375019	0.990509962	Total
1000	12755	2476694.991									
1000	12756	2476694.991									
1000	12757	2476694.991									
1000	12758	2476694.991									
1000	12759	2476694.991									
1000	12760	2476872.882	2069-05-06 09:10:11	0.722550013	1.319149987	0.659637485º	1.188172095º	228.5731844	63.42332355	1.008690384	Total
1000	12761	2476872.882									
1000	12762	2476872.882									
1000	12763	2476872.882									
1000	12764	2476872.882									
1000	12765	2477049.649	2069-10-30 03:35:16	0.753247733	1.288452267	0.778555099º	1.315337316º	226.7386908	55.95501724	0.993191951	Total
1000	12766	2477049.649									
1000	12767	2477049.649									
1000	12768	2477049.649									
1000	12769	2477049.649									
1000	12770	2477049.649									
1000	12771	2477226.89	2070-04-25 09:21:19	0.722892715	1.318807285	0.662535124º	1.192606863º	227.9505884	63.17249055	1.00576533	Total Penumbral
1000	12772	2477226.89									
1000	12773	2477226.89									
1000	12774	2477226.89									
1000	12775	2477226.89									
1000	12776	2477226.89									
1000	12777	2477374.839	2070-09-20 08:08:12	0.741043272	1.300656728	0.724032592º	1.254797458º	228.6422465	59.21470568	1.004451899	Grazing
1000	12778	2477374.839									
1000	12779	2477374.839									
1000	12780	2477374.839									
1000	12781	2477374.839									
1000	12782	2477404.286	2070-10-19 18:51:26	0.746236898	1.295463102	0.749276459º	1.284491986º	227.0075675	57.61262126	0.996099236	Umbral
1000	12783	2477551.564	2071-03-16 01:31:52	0.740855401	1.300844599	0.730630284º	1.266773059º	226.3521192	58.66424385	0.994376503	Penumbral
1000	12784	2477551.564									
1000	12785	2477551.564									
1000	12786	2477551.564									
1000	12787	2477551.564									
1000	12788	2477581.07	2071-04-14 13:40:10	0.73500748	1.30669252	0.704111591º	1.23579401º	227.9305695	60.40598028	1.002718463	Grazing
1000	12789	2477729.129	2071-09-09 15:06:04	0.727021505	1.314678495	0.674527821º	1.20375848º	228.538331	62.39187632	1.007363745	Penumbral
1000	12790	2477729.129									
1000	12791	2477729.129									
1000	12792	2477729.129									
1000	12793	2477758.714	2071-10-09 05:07:39	0.731880514	1.309819486	0.696173989º	1.229751017º	226.9140476	60.84609234	0.99915804	Grazing
1000	12794	2477906.141	2072-03-04 15:23:29	0.751462369	1.290237631	0.772635581º	1.310266228º	226.3015974	56.25114294	0.991624605	Total
1000	12795	2477906.141									
1000	12796	2477906.141									
1000	12797	2477906.141									

1000	12798	2477906.141									
1000	12799	2478083.171	2072-08-28 16:06:10	0.721737442	1.319962558	0.656131885º	1.183955259º	228.8640038	63.68994948	1.010049583	Total
1000	12800	2478083.171									
1000	12801	2478083.171									
1000	12802	2478083.171									
1000	12803	2478083.171									
1000	12804	2478083.171									
1000	12805	2478260.809	2073-02-22 07:25:16	0.750693829	1.291006171	0.771380274º	1.310363421º	225.731165	56.28284172	0.989136266	Total
1000	12806	2478260.809									
1000	12807	2478260.809									
1000	12808	2478260.809									
1000	12809	2478260.809									
1000	12810	2478260.809									
1000	12811	2478437.238	2073-08-17 17:42:32	0.730073556	1.311626444	0.680899175º	1.207523499º	229.8755237	62.05536537	1.012349322	Total
1000	12812	2478437.238									
1000	12813	2478437.238									
1000	12814	2478437.238									
1000	12815	2478437.238									
1000	12816	2478437.238									
1000	12817	2478585.787	2074-01-13 06:52:56	0.728977063	1.312722937	0.696892822º	1.238949682º	223.3391017	60.53604062	0.983527407	Grazing
1000	12818	2478585.787									
1000	12819	2478585.787									
1000	12820	2478585.787									
1000	12821	2478615.372	2074-02-11 20:56:17	0.738438486	1.303261514	0.727192605º	1.267357515º	224.5864079	58.74944582	0.986972253	Penumbral
1000	12822	2478762.223	2074-07-08 17:21:46	0.752928898	1.288771102	0.758973293º	1.283398908º	232.1600022	57.36659045	1.016593703	Penumbral
1000	12823	2478762.223									
1000	12824	2478762.223									
1000	12825	2478762.223									
1000	12826	2478762.223									
1000	12827	2478791.581	2074-08-07 01:56:03	0.745596702	1.296103298	0.73299866º	1.258666115º	231.2254002	58.83084147	1.014192096	Penumbral
1000	12828	2478939.913	2075-01-02 09:55:08	0.715771516	1.325928484	0.655185029º	1.197362837º	222.56496	63.26495847	0.983308003	Penumbral
1000	12829	2478939.913									
1000	12830	2478939.913									
1000	12831	2478939.913									
1000	12832	2478939.913									
1000	12833	2478969.663	2075-02-01 03:54:56	0.722162554	1.319537446	0.673891737º	1.215025126º	223.2875075	62.0434509	0.985205845	Grazing
1000	12834	2479116.914	2075-06-28 09:55:47	0.759146487	1.282553513	0.784027189º	1.308490336º	232.432024	55.98884939	1.016520952	Umbral
1000	12835	2479116.914									
1000	12836	2479116.914									
1000	12837	2479116.914									
1000	12838	2479116.914									
1000	12839	2479293.872	2075-12-22 08:56:09	0.715448908	1.326251092	0.653992828º	1.195932103º	222.6284589	63.35481771	0.983740804	Umbral
1000	12840	2479293.872									
1000	12841	2479293.872									

1000	12842	2479293.872									
1000	12843	2479293.872									
1000	12844	2479471.611	2076-06-17 02:40:28	0.753566159	1.288133841	0.761996618º	1.286791404º	232.030018	57.18663762	1.015878571	Total
1000	12845	2479471.611									
1000	12846	2479471.611									
1000	12847	2479471.611									
1000	12848	2479471.611									
1000	12849	2479471.611									
1000	12850	2479647.982	2076-12-10 11:34:28	0.728362201	1.313337799	0.694108235º	1.235470557º	223.5581374	60.7328372	0.984789218	Total
1000	12851	2479647.982									
1000	12852	2479647.982									
1000	12853	2479647.982									
1000	12854	2479647.982									
1000	12855	2479647.982									
1000	12856	2479826.125	2077-06-06 15:00:32	0.739243479	1.302456521	0.71006981º	1.235480498º	230.9525588	60.22852314	1.014687728	Umbral
1000	12857	2479826.125									
1000	12858	2479826.125									
1000	12859	2479826.125									
1000	12860	2479826.125									
1000	12861	2479826.125									
1000	12862	2479972.956	2077-10-31 10:56:00	0.751179876	1.290520124	0.770595146º	1.307577416º	226.5597241	56.37928089	0.992821937	Grazing
1000	12863	2479972.956									
1000	12864	2479972.956									
1000	12865	2479972.956									
1000	12866	2479972.956									
1000	12867	2480002.4	2077-11-29 21:36:01	0.744257961	1.297442039	0.748643652º	1.289145229º	224.8108523	57.50005789	0.986357489	Umbral
1000	12868	2480150.691	2078-04-27 04:35:33	0.720657875	1.321042125	0.65540852º	1.185216807º	227.9149577	63.67190813	1.006265457	Penumbral
1000	12869	2480150.691									
1000	12870	2480150.691									
1000	12871	2480150.691									
1000	12872	2480180.338	2078-05-26 20:06:23	0.725548741	1.316151259	0.665992372º	1.192303925º	229.7605378	63.0638216	1.012950929	Grazing
1000	12873	2480327.631	2078-10-21 03:08:42	0.752833429	1.288866571	0.775004062º	1.310421255º	227.2786154	56.18237629	0.995724053	Penumbral
1000	12874	2480327.631									
1000	12875	2480327.631									
1000	12876	2480327.631									
1000	12877	2480327.631									
1000	12878	2480357.028	2078-11-19 12:40:40	0.752160374	1.289539626	0.777773376º	1.317170885º	225.6329012	55.92749876	0.988376417	Penumbral
1000	12879	2480504.716	2079-04-16 05:10:28	0.724954049	1.316745951	0.670817915º	1.202244417º	227.4572646	62.56699346	1.003201338	Umbral
1000	12880	2480504.716									
1000	12881	2480504.716									
1000	12882	2480504.716									
1000	12883	2480504.716									
1000	12884	2480682.23	2079-10-10 17:31:29	0.742972342	1.298727658	0.735174912º	1.2689722º	227.4440043	58.46575403	0.998745759	Total
1000	12885	2480682.23									

1000	12886	2480682.23									
1000	12887	2480682.23									
1000	12888	2480682.23									
1000	12889	2480682.23									
1000	12890	2480858.974	2080-04-04 11:22:58	0.73878984	1.30291016	0.719210606º	1.252294419º	227.5166485	59.43587558	1.000082474	Total
1000	12891	2480858.974									
1000	12892	2480858.974									
1000	12893	2480858.974									
1000	12894	2480858.974									
1000	12895	2480858.974									
1000	12896	2481036.579	2080-09-29 01:53:38	0.728392306	1.313307694	0.682775589º	1.214908248º	227.3408338	61.75341743	1.001870057	Total
1000	12897	2481036.579									
1000	12898	2481036.579									
1000	12899	2481036.579									
1000	12900	2481036.579									
1000	12901	2481213.515	2081-03-25 00:21:58	0.751040214	1.290659786	0.766936605º	1.301675419º	227.479506	56.63987949	0.996987245	Umbral
1000	12902	2481213.515									
1000	12903	2481213.515									
1000	12904	2481213.515									
1000	12905	2481213.515									
1000	12906	2481213.515									
1000	12907	2481360.985	2081-08-19 11:38:10	0.72320797	1.31849203	0.659264825º	1.186040206º	229.4263153	63.50906962	1.012059024	Grazing
1000	12908	2481360.985									
1000	12909	2481360.985									
1000	12910	2481360.985									
1000	12911	2481360.985									
1000	12912	2481390.65	2081-09-18 03:35:26	0.720338818	1.321361182	0.655272367º	1.185753716º	227.6060162	63.65822558	1.00498873	Penumbral
1000	12913	2481538.771	2082-02-13 06:30:01	0.747849791	1.293850209	0.761666737º	1.301712362º	225.1776841	56.78518538	0.987190254	Umbral
1000	12914	2481538.771									
1000	12915	2481538.771									
1000	12916	2481538.771									
1000	12917	2481538.771									
1000	12918	2481568.189	2082-03-14 16:32:42	0.753089005	1.288610995	0.77725886º	1.313582355º	226.9239733	56.03674397	0.994041438	Grazing
1000	12919	2481715.116	2082-08-08 14:46:33	0.734534772	1.307165228	0.694482783º	1.220242692º	230.5182452	61.20057992	1.014013751	Total Penumbral
1000	12920	2481715.116									
1000	12921	2481715.116									
1000	12922	2481715.116									
1000	12923	2481715.116									
1000	12924	2481893.269	2083-02-02 18:27:15	0.733398208	1.308301792	0.710607687º	1.251624236º	223.9801052	59.71963804	0.985418612	Total
1000	12925	2481893.269									
1000	12926	2481893.269									
1000	12927	2481893.269									
1000	12928	2481893.269									
1000	12929	2482069.545	2083-07-29 01:05:21	0.749890945	1.291809055	0.748147272º	1.273173096º	231.7353275	57.96557269	1.015431532	Total

1000	12930	2482069.545									
1000	12931	2482069.545									
1000	12932	2482069.545									
1000	12933	2482069.545									
1000	12934	2482069.545									
1000	12935	2482247.468	2084-01-22 23:13:28	0.718262584	1.323437416	0.662372708º	1.204099787º	222.852555	62.79162265	0.984126137	Total
1000	12936	2482247.468									
1000	12937	2482247.468									
1000	12938	2482247.468									
1000	12939	2482247.468									
1000	12940	2482247.468									
1000	12941	2482424.208	2084-07-17 16:58:58	0.758697047	1.283002953	0.782317018º	1.306910952º	232.3654345	56.07723079	1.016267522	Umbral
1000	12942	2482424.208									
1000	12943	2482424.208									
1000	12944	2482424.208									
1000	12945	2482424.208									
1000	12946	2482424.208									
1000	12947	2482571.655	2084-12-12 03:43:24	0.718308956	1.323391044	0.662202973º	1.203654631º	222.9625935	62.81228396	0.984626734	Grazing
1000	12948	2482571.655									
1000	12949	2482571.655									
1000	12950	2482571.655									
1000	12951	2482571.655									
1000	12952	2482601.439	2085-01-10 22:32:44	0.714071073	1.327628927	0.649999637º	1.192108873º	222.498606	63.62439965	0.983432384	Total Penumbral
1000	12953	2482749.596	2085-06-08 02:18:33	0.749912841	1.291787159	0.748625566º	1.273960501º	231.6105494	57.92929731	1.014834046	Penumbral
1000	12954	2482749.596									
1000	12955	2482749.596									
1000	12956	2482749.596									
1000	12957	2482778.921	2085-07-07 10:05:31	0.755903347	1.285796653	0.770744188º	1.295165618º	232.3050136	56.71154127	1.016601816	Penumbral
1000	12958	2482925.851	2085-12-01 08:26:02	0.733450605	1.308249395	0.710362746º	1.250962002º	224.127587	59.7472111	0.986179266	Penumbral
1000	12959	2482925.851									
1000	12960	2482925.851									
1000	12961	2482925.851									
1000	12962	2482925.851									
1000	12963	2482955.488	2085-12-30 23:43:26	0.72423087	1.31746913	0.681505457º	1.223650633º	223.0405062	61.51357344	0.98336719	Grazing
1000	12964	2483104.031	2086-05-28 12:44:04	0.734494277	1.307205723	0.694888462º	1.221063661º	230.3355961	61.16142394	1.013213429	Umbral
1000	12965	2483104.031									
1000	12966	2483104.031									
1000	12967	2483104.031									
1000	12968	2483104.031									
1000	12969	2483280.347	2086-11-20 20:20:05	0.74799297	1.29370703	0.761579163º	1.301093394º	225.3824542	56.80454713	0.988162587	Umbral
1000	12970	2483280.347									
1000	12971	2483280.347									
1000	12972	2483280.347									
1000	12973	2483280.347									

1000	12974	2483280.347									
1000	12975	2483458.164	2087-05-17 15:55:41	0.722967842	1.318732158	0.659238832º	1.186517391º	229.1718438	63.49366403	1.011093222	Total
1000	12976	2483458.164									
1000	12977	2483458.164									
1000	12978	2483458.164									
1000	12979	2483458.164									
1000	12980	2483458.164									
1000	12981	2483635.004	2087-11-10 12:05:29	0.752486575	1.289213425	0.777501933º	1.315756824º	226.1114986	55.97235375	0.990474563	Total
1000	12982	2483635.004									
1000	12983	2483635.004									
1000	12984	2483635.004									
1000	12985	2483635.004									
1000	12986	2483812.179	2088-05-05 16:17:15	0.724230122	1.317469878	0.664865142º	1.193474731º	228.659166	63.06305276	1.008547308	Umbral
1000	12987	2483812.179									
1000	12988	2483812.179									
1000	12989	2483812.179									
1000	12990	2483812.179									
1000	12991	2483812.179									
1000	12992	2483960.158	2088-09-30 15:47:24	0.739332634	1.302367366	0.720102193º	1.252484657º	227.8642928	59.40300843	1.001399959	Grazing
1000	12993	2483960.158									
1000	12994	2483960.158									
1000	12995	2483960.158									
1000	12996	2483960.158									
1000	12997	2483989.627	2088-10-30 03:03:35	0.74478297	1.29691703	0.745905467º	1.282720223º	226.2896859	57.75942912	0.99313175	Umbral
1000	12998	2484136.899	2089-03-26 09:34:33	0.742459481	1.299240519	0.734346697º	1.268864414º	227.0981742	58.49332858	0.997399638	Penumbral
1000	12999	2484136.899									
1000	13000	2484136.899									
1000	13001	2484136.899									
1000	13002	2484136.899									
1000	13003	2484166.381	2089-04-24 21:08:06	0.736744201	1.304955799	0.707994518º	1.238104339º	228.7004446	60.21283637	1.005693078	Grazing
1000	13004	2484314.425	2089-09-19 22:11:34	0.725480367	1.316219633	0.671551176º	1.202289294º	227.7976811	62.54073619	1.004502522	Penumbral
1000	13005	2484314.425									
1000	13006	2484314.425									
1000	13007	2484314.425									
1000	13008	2484314.425									
1000	13009	2484344.034	2089-10-19 12:48:44	0.730163598	1.311536402	0.692509271º	1.22771919º	226.1427026	61.02751577	0.996109673	Grazing
1000	13010	2484491.492	2090-03-15 23:48:47	0.752458473	1.289241527	0.774507043º	1.310624887º	226.9670726	56.19047185	0.994422744	Total
1000	13011	2484491.492									
1000	13012	2484491.492									
1000	13013	2484491.492									
1000	13014	2484668.453	2090-09-08 22:52:43	0.721018171	1.320681829	0.655695799º	1.184851319º	228.2182756	63.67441391	1.007506786	Total
1000	13015	2484668.453									
1000	13016	2484668.453									
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1000	13018	2484668.453									
1000	13019	2484668.453									
1000	13020	2484846.165	2091-03-05 15:57:48	0.750948989	1.290751011	0.770511334º	1.308140041º	226.2980704	56.36642505	0.991628182	Total
1000	13021	2484846.165									
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1000	13023	2484846.165									
1000	13024	2484846.165									
1000	13025	2484846.165									
1000	13026	2485022.527	2091-08-29 00:38:43	0.730210025	1.311489975	0.682963723º	1.210706891º	229.3539732	61.88330285	1.010203088	Total
1000	13027	2485022.527									
1000	13028	2485022.527									
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1000	13030	2485022.527									
1000	13031	2485022.527									
1000	13032	2485171.137	2092-01-24 15:17:01	0.728359167	1.313340833	0.694361064º	1.236022437º	223.4625159	60.70754323	0.984245516	Grazing
1000	13033	2485171.137									
1000	13034	2485171.137									
1000	13035	2485171.137									
1000	13036	2485171.137									
1000	13037	2485347.529	2092-07-19 00:42:04	0.753513836	1.288186164	0.761592492º	1.28621555º	232.0918767	57.21402181	1.016211106	Penumbral
1000	13038	2485347.529									
1000	13039	2485347.529									
1000	13040	2485347.529									
1000	13041	2485347.529									
1000	13042	2485376.885	2092-08-17 09:14:06	0.745997318	1.295702682	0.735859555º	1.26244409º	230.8197022	58.63518521	1.012425815	Penumbral
1000	13043	2485525.25	2093-01-12 18:00:17	0.715435404	1.326264596	0.654074972º	1.196154704º	222.5812809	63.34439967	0.983485907	Penumbral
1000	13044	2485525.25									
1000	13045	2485525.25									
1000	13046	2485525.25									
1000	13047	2485525.25									
1000	13048	2485555.001	2093-02-11 12:01:36	0.721940872	1.319759128	0.672150083º	1.212355555º	223.6321677	62.18877023	0.986898145	Grazing
1000	13049	2485702.225	2093-07-08 17:24:37	0.759180224	1.282519776	0.784068528º	1.308479634º	232.4611197	55.98801511	1.01662183	Umbral
1000	13050	2485702.225									
1000	13051	2485702.225									
1000	13052	2485702.225									
1000	13053	2485702.225									
1000	13054	2485879.209	2094-01-01 17:00:46	0.715708365	1.325991635	0.655024157º	1.197185594º	222.5562366	63.27653218	0.983337695	Umbral
1000	13055	2485879.209									
1000	13056	2485879.209									
1000	13057	2485879.209									
1000	13058	2485879.209									
1000	13059	2485879.209									
1000	13060	2486056.918	2094-06-28 10:01:43	0.753047911	1.288652089	0.759461505º	1.283934088º	232.1553149	57.3378071	1.016502663	Total
1000	13061	2486056.918									

1000	13062	2486056.918									
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1000	13064	2486056.918									
1000	13065	2486056.918									
1000	13066	2486233.331	2094-12-21 19:57:11	0.728916594	1.312783406	0.696568635º	1.238474744º	223.3815841	60.56105913	0.98380101	Total
1000	13067	2486233.331									
1000	13068	2486233.331									
1000	13069	2486233.331									
1000	13070	2486233.331									
1000	13071	2486411.417	2095-06-17 22:00:08	0.738629735	1.303070265	0.707053084º	1.23187213º	231.1989417	60.43464001	1.015831611	Umbral
1000	13072	2486411.417									
1000	13073	2486411.417									
1000	13074	2486411.417									
1000	13075	2486411.417									
1000	13076	2486411.417									
1000	13077	2486558.309	2095-11-11 19:25:27	0.750899882	1.290800118	0.771466011º	1.309874638º	225.9611668	56.29362324	0.990191745	Grazing
1000	13078	2486558.309									
1000	13079	2486558.309									
1000	13080	2486558.309									
1000	13081	2486558.309									
1000	13082	2486587.761	2095-12-11 06:15:25	0.744516085	1.297183915	0.75068574º	1.292033851º	224.4942497	57.36115996	0.984815069	Umbral
1000	13083	2486735.976	2096-05-07 11:25:10	0.721401529	1.320298471	0.655850359º	1.184250542º	228.5870084	63.68965478	1.008946997	Penumbral
1000	13084	2486735.976									
1000	13085	2486735.976									
1000	13086	2486735.976									
1000	13087	2486735.976									
1000	13088	2486765.614	2096-06-06 02:44:08	0.72555153	1.31614847	0.664799318º	1.190252682º	230.1648131	63.17412345	1.014605318	Penumbral
1000	13089	2486912.98	2096-10-31 11:30:53	0.751819345	1.289880655	0.773127949º	1.310105471º	226.5902757	56.24200732	0.992830717	Penumbral
1000	13090	2486912.98									
1000	13091	2486912.98									
1000	13092	2486912.98									
1000	13093	2486942.391	2096-11-29 21:22:49	0.751727189	1.289972811	0.77752512º	1.318019588º	225.1756135	55.91170533	0.986370461	Penumbral
1000	13094	2487090.013	2097-04-26 12:18:52	0.726506812	1.315193188	0.673769589º	1.203664809º	228.2127779	62.42045999	1.006100371	Umbral
1000	13095	2487090.013									
1000	13096	2487090.013									
1000	13097	2487090.013									
1000	13098	2487090.013									
1000	13099	2487267.563	2097-10-21 01:31:00	0.741353527	1.300346473	0.731453563º	1.266862614º	226.6834075	58.63718574	0.995739196	Total
1000	13100	2487267.563									
1000	13101	2487267.563									
1000	13102	2487267.563									
1000	13103	2487267.563									
1000	13104	2487267.563									
1000	13105	2487444.295	2098-04-15 19:05:02	0.740505142	1.301194858	0.723110142º	1.254596919º	228.2987704	59.24860648	1.003087566	Total

1000	13106	2487444.295									
1000	13107	2487444.295									
1000	13108	2487444.295									
1000	13109	2487444.295									
1000	13110	2487444.295									
1000	13111	2487621.889	2098-10-10 09:20:00	0.72671948	1.31498052	0.679423079º	1.213179908º	226.5592489	61.92009791	0.998821464	Total
1000	13112	2487621.889									
1000	13113	2487621.889									
1000	13114	2487621.889									
1000	13115	2487621.889									
1000	13116	2487621.889									
1000	13117	2487798.855	2099-04-05 08:30:34	0.752271356	1.289428644	0.769482314º	1.302582205º	228.2264578	56.54488337	1.00005231	Umbral
1000	13118	2487798.855									
1000	13119	2487798.855									
1000	13120	2487798.855									
1000	13121	2487798.855									
1000	13122	2487946.264	2099-08-30 18:20:32	0.722825491	1.318874509	0.659673114º	1.187629767º	228.8626239	63.44058251	1.009794601	Grazing
1000	13123	2487946.264									
1000	13124	2487946.264									
1000	13125	2487946.264									
1000	13126	2487946.264									
1000	13127	2487975.942	2099-09-29 10:37:02	0.719309789	1.322390211	0.654110247º	1.186170306º	226.8655271	63.6845805	1.002006763	Total Penumbral
1000	13128	2488124.129	2100-02-24 15:05:17	0.747867033	1.293832967	0.76014734º	1.298978482º	225.658193	56.90244167	0.989415304	Penumbral
1000	13129	2488124.129									
1000	13130	2488124.129									
1000	13131	2488124.129									
1000	13132	2488124.129									
1000	13133	2488153.537	2100-03-26 00:52:49	0.753599454	1.288100546	0.777058299º	1.311765273º	227.6126336	56.09059543	0.997046614	Grazing
1000	13134	2488300.407	2100-08-19 21:45:24	0.734895093	1.306804907	0.697061998º	1.223798963º	230.0933843	61.00490893	1.012132835	Penumbral
1000	13135	2488300.407									
1000	13136	2488300.407									
1000	13137	2488300.407									
1000	13138	2488300.407									
1000	13139	2488329.97	2100-09-18 11:16:22	0.725815517	1.315884483	0.672313553º	1.202730009º	227.9290275	62.50040927	1.005111684	Grazing
1000	13140	2488478.618	2101-02-14 02:50:03	0.733023033	1.308676967	0.708192253º	1.248220533º	224.3313531	59.89742365	0.987221961	Total
1000	13141	2488478.618									
1000	13142	2488478.618									
1000	13143	2488478.618									
1000	13144	2488478.618									
1000	13145	2488654.851	2101-08-09 08:25:59	0.750317411	1.291382589	0.750851433º	1.276609994º	231.4270248	57.789791	1.01401635	Total
1000	13146	2488654.851									
1000	13147	2488654.851									
1000	13148	2488654.851									
1000	13149	2488654.851									

1000	13150	2488832.804	2102-02-03 07:18:10	0.718072713	1.323627287	0.661048777º	1.202090793º	223.1012096	62.90402682	0.98537223	Total
1000	13151	2488832.804									
1000	13152	2488832.804									
1000	13153	2488832.804									
1000	13154	2488832.804									
1000	13155	2488832.804									
1000	13156	2489009.52	2102-07-30 00:29:05	0.75864294	1.28305706	0.782842761º	1.307874408º	232.147913	56.03730737	1.015420272	Total
1000	13157	2489009.52									
1000	13158	2489009.52									
1000	13159	2489009.52									
1000	13160	2489009.52									
1000	13161	2489009.52									
1000	13162	2489156.993	2102-12-24 11:50:37	0.718613591	1.323086409	0.663680889º	1.205664434º	222.7869628	62.69495487	0.98366045	Grazing
1000	13163	2489156.993									
1000	13164	2489156.993									
1000	13165	2489156.993									
1000	13166	2489156.993									
1000	13167	2489186.774	2103-01-23 06:34:12	0.714471526	1.327228474	0.650777928º	1.192547204º	222.6628047	63.58218972	0.984049485	Total Penumbral
1000	13168	2489334.9	2103-06-20 09:36:23	0.749387986	1.292312014	0.745788142º	1.270535504º	231.8445326	58.10947373	1.015970382	Penumbral
1000	13169	2489334.9									
1000	13170	2489334.9									
1000	13171	2489334.9									
1000	13172	2489334.9									
1000	13173	2489364.229	2103-07-19 17:29:08	0.755249607	1.286450393	0.768467909º	1.293046184º	232.1799311	56.83277431	1.016297859	Penumbral
1000	13174	2489511.203	2103-12-13 16:52:16	0.733898399	1.307801601	0.712840486º	1.254282523º	223.842126	59.5709083	0.984644229	Penumbral
1000	13175	2489511.203									
1000	13176	2489511.203									
1000	13177	2489511.203									
1000	13178	2489540.835	2104-01-12 08:02:57	0.725026607	1.316673393	0.68397959º	1.226121565º	223.1052644	61.35392031	0.983372997	Grazing
1000	13179	2489689.319	2104-06-08 19:38:59	0.734070342	1.307629658	0.692292416º	1.217620514º	230.6965576	61.35503923	1.014847254	Umbral
1000	13180	2489689.319									
1000	13181	2489689.319									
1000	13182	2489689.319									
1000	13183	2489689.319									
1000	13184	2489865.708	2104-12-02 04:58:59	0.748012177	1.293687823	0.763053942º	1.303654047º	224.9594927	56.69365026	0.986177718	Umbral
1000	13185	2489865.708									
1000	13186	2489865.708									
1000	13187	2489865.708									
1000	13188	2489865.708									
1000	13189	2489865.708									
1000	13190	2490043.44	2105-05-28 22:34:09	0.723322508	1.318377492	0.658885018º	1.185110789º	229.6840628	63.55410139	1.013116058	Total
1000	13191	2490043.44									
1000	13192	2490043.44									
1000	13193	2490043.44									

1000	13194	2490043.44									
1000	13195	2490043.44									
1000	13196	2490220.363	2105-11-21 20:42:04	0.751771297	1.289928703	0.776402253º	1.315917209º	225.5626873	55.99784615	0.988161258	Total
1000	13197	2490220.363									
1000	13198	2490220.363									
1000	13199	2490220.363									
1000	13200	2490220.363									
1000	13201	2490220.363									
1000	13202	2490397.463	2106-05-17 23:06:59	0.725528427	1.316171573	0.667242538º	1.194614611º	229.3041575	62.94323654	1.010913936	Umbral
1000	13203	2490397.463									
1000	13204	2490397.463									
1000	13205	2490397.463									
1000	13206	2490397.463									
1000	13207	2490545.481	2106-10-12 23:33:15	0.737612228	1.304087772	0.716226552º	1.250209481º	227.081894	59.58970167	0.998398542	Grazing
1000	13208	2490545.481									
1000	13209	2490545.481									
1000	13210	2490545.481									
1000	13211	2490545.481									
1000	13212	2490574.974	2106-11-11 11:22:18	0.743374499	1.298325501	0.742585539º	1.28082967º	225.6302135	57.90888541	0.990494363	Umbral
1000	13213	2490722.229	2107-04-07 17:30:15	0.744078574	1.297621426	0.738062256º	1.270968294º	227.8695151	58.32307047	1.000416094	Penumbral
1000	13214	2490722.229									
1000	13215	2490722.229									
1000	13216	2490722.229									
1000	13217	2490722.229									
1000	13218	2490751.687	2107-05-07 04:29:58	0.738438112	1.303261888	0.711880463º	1.240563942º	229.4299077	60.01627217	1.008406351	Penumbral
1000	13219	2490899.725	2107-10-02 05:23:57	0.723935637	1.317764363	0.668693397º	1.200997316º	227.0289365	62.68037375	1.001547722	Penumbral
1000	13220	2490899.725									
1000	13221	2490899.725									
1000	13222	2490899.725									
1000	13223	2490899.725									
1000	13224	2490929.359	2107-10-31 20:36:49	0.728504922	1.313195078	0.68898434º	1.225750856º	225.4093746	61.20348766	0.993221003	Grazing
1000	13225	2491076.838	2108-03-27 08:06:53	0.753468962	1.288231038	0.776291883º	1.310808438º	227.6802689	56.13696441	0.997401806	Total
1000	13226	2491076.838									
1000	13227	2491076.838									
1000	13228	2491076.838									
1000	13229	2491076.838									
1000	13230	2491253.741	2108-09-20 05:47:13	0.720275959	1.321424041	0.655331212º	1.185982456º	227.519425	63.64831149	1.004666971	Umbral
1000	13231	2491253.741									
1000	13232	2491253.741									
1000	13233	2491253.741									
1000	13234	2491253.741									
1000	13235	2491431.516	2109-03-17 00:22:55	0.751238921	1.290461079	0.769571833º	1.305665983º	226.9338801	56.4589703	0.994466694	Total
1000	13236	2491431.516									
1000	13237	2491431.516									

1000	13238	2491431.516									
1000	13239	2491431.516									
1000	13240	2491431.516									
1000	13241	2491607.822	2109-09-09 07:43:04	0.730270588	1.311429412	0.684978159º	1.21408218º	228.7541694	61.7076451	1.00760485	Total
1000	13242	2491607.822									
1000	13243	2491607.822									
1000	13244	2491607.822									
1000	13245	2491607.822									
1000	13246	2491607.822									
1000	13247	2491786.068	2110-03-06 13:37:30	0.738019484	1.303680516	0.722516051º	1.2601479º	225.5723505	59.10180485	0.991622389	Penumbral
1000	13248	2491786.068									
1000	13249	2491786.068									
1000	13250	2491786.068									
1000	13251	2491786.068									
1000	13252	2491786.068									
1000	13253	2491932.837	2110-07-31 08:05:11	0.75392427	1.28777573	0.763956805º	1.289072856º	231.8867426	57.06830527	1.015257058	Grazing
1000	13254	2491932.837									
1000	13255	2491932.837									
1000	13256	2491932.837									
1000	13257	2491962.194	2110-08-29 16:38:46	0.746266483	1.295433517	0.73854964º	1.266277712º	230.3119719	58.44425138	1.010231987	Umbral
1000	13258	2492110.586	2111-01-25 02:03:23	0.715301675	1.326398325	0.653230968º	1.194897171º	222.7299623	63.41648713	0.984236739	Penumbral
1000	13259	2492110.586									
1000	13260	2492110.586									
1000	13261	2492110.586									
1000	13262	2492110.586									
1000	13263	2492140.334	2111-02-23 20:01:28	0.721869196	1.319830804	0.67058534º	1.209627364º	224.0851317	62.33076887	0.989028228	Grazing
1000	13264	2492287.537	2111-07-21 00:53:44	0.759029424	1.282670576	0.783810504º	1.308432328º	232.3498497	55.99625516	1.016213495	Umbral
1000	13265	2492287.537									
1000	13266	2492287.537									
1000	13267	2492287.537									
1000	13268	2492287.537									
1000	13269	2492464.546	2112-01-14 01:06:20	0.716170881	1.325529119	0.656310106º	1.19840135º	222.6173006	63.19093928	0.983465021	Umbral
1000	13270	2492464.546									
1000	13271	2492464.546									
1000	13272	2492464.546									
1000	13273	2492464.546									
1000	13274	2492464.546									
1000	13275	2492642.223	2112-07-09 17:20:47	0.752353829	1.289346171	0.756701545º	1.281106514º	232.1409493	57.49536033	1.016633727	Total
1000	13276	2492642.223									
1000	13277	2492642.223									
1000	13278	2492642.223									
1000	13279	2492642.223									
1000	13280	2492642.223									
1000	13281	2492818.683	2113-01-02 04:22:58	0.72962735	1.31207265	0.699185049º	1.241354065º	223.3330811	60.38919839	0.983323948	Total

1000	13282	2492818.683									
1000	13283	2492818.683									
1000	13284	2492818.683									
1000	13285	2492818.683									
1000	13286	2492996.705	2113-06-29 04:55:26	0.737871189	1.303828811	0.703944008º	1.22842847º	231.3133218	60.63997033	1.016479642	Umbral
1000	13287	2492996.705									
1000	13288	2492996.705									
1000	13289	2492996.705									
1000	13290	2492996.705									
1000	13291	2492996.705									
1000	13292	2493143.668	2113-11-23 04:01:43	0.750667758	1.291032242	0.772255655º	1.311928921º	225.443249	56.21694768	0.987871387	Grazing
1000	13293	2493143.668									
1000	13294	2493143.668									
1000	13295	2493143.668									
1000	13296	2493143.668									
1000	13297	2493173.124	2113-12-22 14:58:50	0.74487945	1.29682055	0.752759139º	1.294666635º	224.2964732	57.2291479	0.983798493	Umbral
1000	13298	2493321.255	2114-05-19 18:07:21	0.722107008	1.319592992	0.656360595º	1.183530779º	229.1920624	63.69653659	1.011301083	Penumbral
1000	13299	2493321.255									
1000	13300	2493321.255									
1000	13301	2493321.255									
1000	13302	2493321.255									
1000	13303	2493350.887	2114-06-18 09:16:49	0.72545218	1.31624782	0.663621198º	1.188467098º	230.4500018	63.27527852	1.015779637	Penumbral
1000	13304	2493498.333	2114-11-12 19:59:51	0.750835349	1.290864651	0.771186235º	1.309600658º	225.9629209	56.3086399	0.990181085	Penumbral
1000	13305	2493498.333									
1000	13306	2493498.333									
1000	13307	2493498.333									
1000	13308	2493498.333									
1000	13309	2493527.757	2114-12-12 06:09:37	0.751372893	1.290327107	0.777231341º	1.318585782º	224.826293	55.90463138	0.984803553	Penumbral
1000	13310	2493675.306	2115-05-08 19:20:44	0.728037365	1.313662635	0.676811817º	1.205285249º	228.9254138	62.26500526	1.008807153	Umbral
1000	13311	2493675.306									
1000	13312	2493675.306									
1000	13313	2493675.306									
1000	13314	2493852.901	2115-11-02 09:37:20	0.739767985	1.301932015	0.727770045º	1.264737802º	225.962408	58.80894275	0.99284877	Umbral
1000	13315	2493852.901									
1000	13316	2493852.901									
1000	13317	2493852.901									
1000	13318	2493852.901									
1000	13319	2493852.901									
1000	13320	2494029.612	2116-04-27 02:40:35	0.742191655	1.299508345	0.727025562º	1.256961503º	229.0613057	59.06019993	1.006023061	Total
1000	13321	2494029.612									
1000	13322	2494029.612									
1000	13323	2494029.612									
1000	13324	2494029.612									
1000	13325	2494029.612									

1000	13326	2494207.204	2116-10-21 16:53:37	0.725090655	1.316609345	0.676205339º	1.211576142º	225.7954752	62.07912664	0.995810334	Total
1000	13327	2494207.204									
1000	13328	2494207.204									
1000	13329	2494207.204									
1000	13330	2494207.204									
1000	13331	2494207.204									
1000	13332	2494384.189	2117-04-16 16:31:56	0.753472217	1.288227783	0.771907336º	1.303400639º	228.9771893	56.45591225	1.003075249	Umbral
1000	13333	2494384.189									
1000	13334	2494384.189									
1000	13335	2494384.189									
1000	13336	2494384.189									
1000	13337	2494384.189									
1000	13338	2494531.549	2117-09-11 01:10:31	0.722392736	1.319307264	0.660133932º	1.189448258º	228.2250422	63.36263021	1.007204512	Grazing
1000	13339	2494531.549									
1000	13340	2494531.549									
1000	13341	2494531.549									
1000	13342	2494561.241	2117-10-10 17:47:15	0.718313169	1.323386831	0.653086857º	1.186756614º	226.1185577	63.70025854	0.99898443	Umbral
1000	13343	2494709.482	2118-03-07 23:33:34	0.747943035	1.293756965	0.758566014º	1.296024855º	226.2243391	57.02797838	0.99194159	Penumbral
1000	13344	2494709.482									
1000	13345	2494709.482									
1000	13346	2494709.482									
1000	13347	2494709.482									
1000	13348	2494738.878	2118-04-06 09:04:54	0.75409628	1.28760372	0.776681831º	1.309789368º	228.3286602	56.15358202	1.000037967	Grazing
1000	13349	2494885.702	2118-08-31 04:51:30	0.735150226	1.306549774	0.699598145º	1.227480006º	229.5712893	60.80794924	1.009937673	Penumbral
1000	13350	2494885.702									
1000	13351	2494885.702									
1000	13352	2494885.702									
1000	13353	2494885.702									
1000	13354	2494915.271	2118-09-29 18:29:39	0.725626463	1.316073537	0.673772627º	1.205719293º	227.233139	62.35257923	1.002220358	Grazing
1000	13355	2495063.963	2119-02-25 11:06:04	0.73276168	1.30893832	0.705847862º	1.244696087º	224.7868223	60.07775152	0.989383937	Total
1000	13356	2495063.963									
1000	13357	2495063.963									
1000	13358	2495063.963									
1000	13359	2495063.963									
1000	13360	2495240.161	2119-08-20 15:51:54	0.750591733	1.291108267	0.753360129º	1.280062874º	231.0016069	57.62022421	1.012198595	Total
1000	13361	2495240.161									
1000	13362	2495240.161									
1000	13363	2495240.161									
1000	13364	2495240.161									
1000	13365	2495240.161									
1000	13366	2495418.137	2120-02-14 15:17:29	0.718059227	1.323640773	0.65995272º	1.200028999º	223.4692817	63.0108003	0.987134221	Total
1000	13367	2495418.137									
1000	13368	2495418.137									
1000	13369	2495418.137									

1000	13370	2495418.137									
1000	13371	2495594.835	2120-08-09 08:02:04	0.758415269	1.283284731	0.783052191°	1.308821102°	231.8013989	56.00644973	1.013996389	Total
1000	13372	2495594.835									
1000	13373	2495594.835									
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1000	13375	2495594.835									
1000	13376	2495594.835									
1000	13377	2495742.334	2121-01-03 20:00:33	0.719108038	1.322591962	0.665419059°	1.207587037°	222.7419166	62.57216045	0.983325833	Grazing
1000	13378	2495742.334									
1000	13379	2495742.334									
1000	13380	2495742.334									
1000	13381	2495742.334									
1000	13382	2495772.106	2121-02-02 14:33:02	0.715073149	1.326626851	0.651855152°	1.192931899°	222.9548593	63.53145389	0.985308981	Total Penumbral
1000	13383	2495920.202	2121-06-30 16:50:34	0.748696823	1.293003177	0.742726061°	1.267204843°	231.9438462	58.29464744	1.01649065	Penumbral
1000	13384	2495920.202									
1000	13385	2495920.202									
1000	13386	2495920.202									
1000	13387	2495920.202									
1000	13388	2495949.537	2121-07-30 00:53:11	0.754420775	1.287279225	0.765908553°	1.290980956°	231.9184002	56.96096374	1.015341456	Penumbral
1000	13389	2496096.558	2121-12-24 01:22:50	0.73448007	1.30721993	0.715466804°	1.257400607°	223.6780815	59.39717179	0.983750738	Penumbral
1000	13390	2496096.558									
1000	13391	2496096.558									
1000	13392	2496096.558									
1000	13393	2496096.558									
1000	13394	2496126.182	2122-01-22 16:22:20	0.725995406	1.315704594	0.686701302°	1.228461387°	223.3003426	61.1912523	0.984066182	Grazing
1000	13395	2496274.603	2122-06-20 02:28:24	0.733520166	1.308179834	0.689612291°	1.2143954°	230.9355743	61.54563298	1.015901178	Umbral
1000	13396	2496274.603									
1000	13397	2496274.603									
1000	13398	2496274.603									
1000	13399	2496451.071	2122-12-13 13:42:51	0.748117707	1.293582293	0.764521035°	1.305936384°	224.6459682	56.59095193	0.984692766	Umbral
1000	13400	2496451.071									
1000	13401	2496451.071									
1000	13402	2496451.071									
1000	13403	2496451.071									
1000	13404	2496451.071									
1000	13405	2496628.713	2123-06-09 05:06:50	0.723594865	1.318105135	0.658585707°	1.183957548°	230.0911387	63.60406074	1.014762757	Total
1000	13406	2496628.713									
1000	13407	2496628.713									
1000	13408	2496628.713									
1000	13409	2496628.713									
1000	13410	2496628.713									
1000	13411	2496805.725	2123-12-03 05:24:07	0.75112227	1.29057773	0.775231649°	1.315847791°	225.1093127	56.03139797	0.986148463	Total
1000	13412	2496805.725									
1000	13413	2496805.725									

1000	13414	2496805.725									
1000	13415	2496805.725									
1000	13416	2496805.725									
1000	13417	2496982.744	2124-05-28 05:51:36	0.726762039	1.314937961	0.669711011º	1.195976088º	229.8640148	62.81336001	1.013040388	Umbral
1000	13418	2496982.744									
1000	13419	2496982.744									
1000	13420	2496982.744									
1000	13421	2496982.744									
1000	13422	2496982.744									
1000	13423	2497130.81	2124-10-23 07:25:58	0.735912134	1.305787866	0.71238353º	1.248008622º	226.319217	59.77431524	0.995337571	Grazing
1000	13424	2497130.81									
1000	13425	2497130.81									
1000	13426	2497130.81									
1000	13427	2497160.324	2124-11-21 19:46:55	0.742036215	1.299663785	0.739296819º	1.278847263º	225.0488112	58.06083372	0.988096265	Umbral
1000	13428	2497307.555	2125-04-18 01:19:03	0.745683425	1.296016575	0.741782055º	1.273063807º	228.6422155	58.15391684	1.003474665	Penumbral
1000	13429	2497307.555									
1000	13430	2497307.555									
1000	13431	2497307.555									
1000	13432	2497307.555									
1000	13433	2497336.991	2125-05-17 11:46:37	0.740060964	1.301639036	0.715764822º	1.243155817º	230.0956369	59.81702441	1.010877665	Penumbral
1000	13434	2497485.03	2125-10-12 12:43:46	0.722417879	1.319282121	0.665947028º	1.199892469º	226.2567607	62.81058262	0.998468639	Penumbral
1000	13435	2497485.03									
1000	13436	2497485.03									
1000	13437	2497485.03									
1000	13438	2497485.03									
1000	13439	2497514.689	2125-11-11 04:31:34	0.72693321	1.31476679	0.685606928º	1.223839027º	224.7360558	61.37387587	0.990516505	Grazing
1000	13440	2497662.179	2126-04-07 16:17:33	0.754467437	1.287232563	0.777950995º	1.310846749º	228.4182558	56.09084559	1.000435402	Total
1000	13441	2497662.179									
1000	13442	2497662.179									
1000	13443	2497662.179									
1000	13444	2497662.179									
1000	13445	2497839.035	2126-10-01 12:50:24	0.719537894	1.322162106	0.655083549º	1.187287977º	226.7918047	63.61216314	1.001734953	Umbral
1000	13446	2497839.035									
1000	13447	2497839.035									
1000	13448	2497839.035									
1000	13449	2497839.035									
1000	13450	2497839.035									
1000	13451	2498016.861	2127-03-28 08:39:59	0.75153974	1.29016026	0.76849455º	1.303012484º	227.6172662	56.56048924	0.997399233	Total
1000	13452	2498016.861									
1000	13453	2498016.861									
1000	13454	2498016.861									
1000	13455	2498016.861									
1000	13456	2498193.122	2127-09-20 14:56:23	0.730277225	1.311422775	0.687004539º	1.217558778º	228.0986675	61.52934033	1.004850659	Total
1000	13457	2498193.122									

1000	13458	2498193.122									
1000	13459	2498193.122									
1000	13460	2498193.122									
1000	13461	2498193.122									
1000	13462	2498371.407	2128-03-16 21:45:49	0.737913751	1.303786249	0.720204306º	1.256329151º	226.1809573	59.28514252	0.99440976	Total Penumbral
1000	13463	2498371.407									
1000	13464	2498371.407									
1000	13465	2498371.407									
1000	13466	2498371.407									
1000	13467	2498371.407									
1000	13468	2498518.147	2128-08-10 15:32:15	0.754167186	1.287532814	0.766079515º	1.291933866º	231.5531481	56.92998611	1.013831636	Grazing
1000	13469	2498518.147									
1000	13470	2498518.147									
1000	13471	2498518.147									
1000	13472	2498518.147									
1000	13473	2498547.508	2128-09-09 00:10:53	0.746422318	1.295277682	0.741076492º	1.270131853º	229.7218832	58.25874911	1.007697526	Umbral
1000	13474	2498695.919	2129-02-04 10:02:46	0.715363928	1.326336072	0.652643313º	1.193599893º	223.0059689	63.48117776	0.985527856	Penumbral
1000	13475	2498695.919									
1000	13476	2498695.919									
1000	13477	2498695.919									
1000	13478	2498695.919									
1000	13479	2498872.85	2129-07-31 08:24:20	0.758698251	1.283001749	0.783241962º	1.308362886º	232.1024283	56.01349484	1.015247639	Umbral
1000	13480	2498872.85									
1000	13481	2498872.85									
1000	13482	2498872.85									
1000	13483	2498872.85									
1000	13484	2498902.143	2129-08-29 15:25:40	0.756795104	1.284904896	0.77951971º	1.307246445º	230.824147	56.1443028	1.010234544	Grazing
1000	13485	2499049.883	2130-01-24 09:11:08	0.716834044	1.324865956	0.657876447º	1.199558146º	222.81015	63.09792966	0.984208585	Umbral
1000	13486	2499049.883									
1000	13487	2499049.883									
1000	13488	2499049.883									
1000	13489	2499049.883									
1000	13490	2499227.527	2130-07-21 00:38:54	0.751485221	1.290214779	0.753707015º	1.278346045º	231.9866265	57.65862235	1.016180168	Total
1000	13491	2499227.527									
1000	13492	2499227.527									
1000	13493	2499227.527									
1000	13494	2499227.527									
1000	13495	2499227.527									
1000	13496	2499404.035	2131-01-13 12:50:07	0.730497064	1.311202936	0.701989407º	1.244082715º	223.4149782	60.2170584	0.983461277	Total
1000	13497	2499404.035									
1000	13498	2499404.035									
1000	13499	2499404.035									
1000	13500	2499404.035									
1000	13501	2499404.035									

1000	13502	2499581.992	2131-07-10 11:47:46	0.736964924	1.304735076	0.700751632º	1.225171845º	231.2902066	60.84349372	1.016604174	Umbral
1000	13503	2499581.992									
1000	13504	2499581.992									
1000	13505	2499581.992									
1000	13506	2499581.992									
1000	13507	2499729.03	2131-12-04 12:43:48	0.75050309	1.29119691	0.772994672º	1.313709572º	225.0227704	56.14916942	0.985968349	Grazing
1000	13508	2499729.03									
1000	13509	2499729.03									
1000	13510	2499729.03									
1000	13511	2499729.03									
1000	13512	2499758.489	2132-01-02 23:44:43	0.745356195	1.296343805	0.754875362º	1.297035284º	224.2242251	57.10383664	0.983340443	Umbral
1000	13513	2499906.53	2132-05-30 00:43:16	0.722751037	1.318948963	0.656938222º	1.183068886º	229.7087638	63.69219068	1.013299193	Penumbral
1000	13514	2499906.53									
1000	13515	2499906.53									
1000	13516	2499906.53									
1000	13517	2499906.53									
1000	13518	2499936.157	2132-06-28 15:45:53	0.725240745	1.316459255	0.662456814º	1.186965761º	230.6050912	63.3666059	1.01643219	Penumbral
1000	13519	2500083.691	2132-11-23 04:34:56	0.749904718	1.291795282	0.769212172º	1.308880311º	225.4159849	56.38212502	0.987880772	Penumbral
1000	13520	2500083.691									
1000	13521	2500083.691									
1000	13522	2500083.691									
1000	13523	2500083.691									
1000	13524	2500113.125	2132-12-22 14:59:44	0.751110524	1.290589476	0.776935857º	1.318826954º	224.595661	55.90621442	0.983828265	Penumbral
1000	13525	2500260.595	2133-05-19 02:17:00	0.729517449	1.312182551	0.679903952º	1.207137504º	229.5719566	62.10108229	1.011179535	Umbral
1000	13526	2500260.595									
1000	13527	2500260.595									
1000	13528	2500260.595									
1000	13529	2500260.595									
1000	13530	2500438.243	2133-11-12 17:50:05	0.738243086	1.303456914	0.72416621º	1.262563566º	225.3026055	58.98077355	0.990212475	Umbral
1000	13531	2500438.243									
1000	13532	2500438.243									
1000	13533	2500438.243									
1000	13534	2500438.243									
1000	13535	2500614.924	2134-05-08 10:10:12	0.74382023	1.29787977	0.730899354º	1.259425073º	229.7800792	58.87132548	1.008707352	Total
1000	13536	2500614.924									
1000	13537	2500614.924									
1000	13538	2500614.924									
1000	13539	2500614.924									
1000	13540	2500614.924									
1000	13541	2500792.524	2134-11-02 00:34:29	0.723536066	1.318163934	0.673147664º	1.210071394º	225.0729682	62.23037192	0.992930183	Total
1000	13542	2500792.524									
1000	13543	2500792.524									
1000	13544	2500792.524									
1000	13545	2500792.524									

1000	13546	2500792.524									
1000	13547	2500969.518	2135-04-28 00:26:22	0.754615078	1.287084922	0.774189935º	1.30413607º	229.7071441	56.37336298	1.00600371	Umbral
1000	13548	2500969.518									
1000	13549	2500969.518									
1000	13550	2500969.518									
1000	13551	2500969.518									
1000	13552	2500969.518									
1000	13553	2501116.84	2135-09-22 08:09:04	0.721933882	1.319766118	0.660654795º	1.19146936º	227.5365728	63.27591636	1.004357855	Grazing
1000	13554	2501116.84									
1000	13555	2501116.84									
1000	13556	2501116.84									
1000	13557	2501116.84									
1000	13558	2501146.546	2135-10-22 01:06:18	0.717378465	1.324321535	0.652199629º	1.187502903º	225.3898949	63.7056688	0.995935957	Umbral
1000	13559	2501294.829	2136-03-18 07:53:59	0.748056122	1.293643878	0.756936332º	1.292841391º	226.8570896	57.16179861	0.994817586	Penumbral
1000	13560	2501294.829									
1000	13561	2501294.829									
1000	13562	2501294.829									
1000	13563	2501324.215	2136-04-16 17:08:54	0.754553146	1.287146854	0.776162594º	1.307622457º	229.0475987	56.22572305	1.003138365	Penumbral
1000	13564	2501471.004	2136-09-10 12:05:48	0.7353189	1.3063811	0.702044655º	1.231303408º	228.9721518	60.61066716	1.007310271	Penumbral
1000	13565	2501471.004									
1000	13566	2501471.004									
1000	13567	2501471.004									
1000	13568	2501471.004									
1000	13569	2501500.578	2136-10-10 01:52:48	0.725444522	1.316255478	0.675244127º	1.208843016º	226.5290481	62.20062277	0.999117107	Grazing
1000	13570	2501649.301	2137-03-07 19:14:07	0.732595771	1.309104229	0.703592505º	1.241037134º	225.3309122	60.26051774	0.991967821	Total
1000	13571	2501649.301									
1000	13572	2501649.301									
1000	13573	2501649.301									
1000	13574	2501649.301									
1000	13575	2501825.475	2137-08-30 23:24:07	0.750728923	1.290971077	0.755650066º	1.283530389º	230.4757587	57.45747393	1.009940614	Total
1000	13576	2501825.475									
1000	13577	2501825.475									
1000	13578	2501825.475									
1000	13579	2501825.475									
1000	13580	2501825.475									
1000	13581	2502003.465	2138-02-24 23:10:00	0.718206966	1.323493034	0.659054995º	1.197948974º	223.9446492	63.11173232	0.989299934	Total
1000	13582	2502003.465									
1000	13583	2502003.465									
1000	13584	2502003.465									
1000	13585	2502003.465									
1000	13586	2502003.465									
1000	13587	2502180.152	2138-08-20 15:38:59	0.758026468	1.283673532	0.78299264º	1.309701717º	231.3388855	55.98465764	1.012186426	Total
1000	13588	2502180.152									
1000	13589	2502180.152									

1000	13590	2502180.152									
1000	13591	2502180.152									
1000	13592	2502357.436	2139-02-13 22:27:42	0.715864001	1.325835999	0.653170048º	1.193332902º	223.3660492	63.47197511	0.986976009	Total Penumbral
1000	13593	2502357.436									
1000	13594	2502357.436									
1000	13595	2502357.436									
1000	13596	2502357.436									
1000	13597	2502357.436									
1000	13598	2502505.502	2139-07-12 00:02:20	0.747836687	1.293863313	0.739508086º	1.263928847º	231.9037954	58.48402316	1.016603113	Penumbral
1000	13599	2502505.502									
1000	13600	2502505.502									
1000	13601	2502505.502									
1000	13602	2502505.502									
1000	13603	2502534.846	2139-08-10 08:18:53	0.753426922	1.288273078	0.763150785º	1.288909118º	231.5293318	57.09549834	1.01401679	Penumbral
1000	13604	2502681.914	2140-01-04 09:56:05	0.735202743	1.306497257	0.718190667º	1.26037283º	223.6413715	59.22582892	0.983300104	Penumbral
1000	13605	2502681.914									
1000	13606	2502681.914									
1000	13607	2502681.914									
1000	13608	2502681.914									
1000	13609	2502711.528	2140-02-03 00:39:58	0.72713	1.31457	0.689606191º	1.230744825º	223.6206898	61.02533546	0.985196297	Grazing
1000	13610	2502859.884	2140-06-30 09:13:39	0.732836136	1.308863864	0.686902356º	1.211362457º	231.0426665	61.73218738	1.016526857	Umbral
1000	13611	2502859.884									
1000	13612	2502859.884									
1000	13613	2502859.884									
1000	13614	2502859.884									
1000	13615	2503036.438	2140-12-23 22:30:17	0.748321821	1.293378179	0.765993381º	1.307929161º	224.4520767	56.49631314	0.983747147	Umbral
1000	13616	2503036.438									
1000	13617	2503036.438									
1000	13618	2503036.438									
1000	13619	2503036.438									
1000	13620	2503213.983	2141-06-19 11:35:09	0.72376982	1.31793018	0.6583051º	1.18310654º	230.3780848	63.64306619	1.015865692	Total
1000	13621	2503213.983									
1000	13622	2503213.983									
1000	13623	2503213.983									
1000	13624	2503213.983									
1000	13625	2503213.983									
1000	13626	2503391.091	2141-12-13 14:10:29	0.750556292	1.291143708	0.774066996º	1.315473468º	224.7651811	56.07295323	0.98470891	Total
1000	13627	2503391.091									
1000	13628	2503391.091									
1000	13629	2503391.091									
1000	13630	2503391.091									
1000	13631	2503391.091									
1000	13632	2503568.023	2142-06-08 12:32:24	0.727908671	1.313791329	0.672191816º	1.197629329º	230.320007	62.67388423	1.014635925	Umbral
1000	13633	2503568.023									

1000	13634	2503568.023									
1000	13635	2503568.023									
1000	13636	2503568.023									
1000	13637	2503568.023									
1000	13638	2503716.143	2142-11-03 15:25:26	0.734261707	1.307438293	0.708663468º	1.245799528º	225.5993566	59.95651152	0.992537678	Grazing
1000	13639	2503716.143									
1000	13640	2503716.143									
1000	13641	2503716.143									
1000	13642	2503716.143									
1000	13643	2503745.678	2142-12-03 04:16:34	0.740789838	1.300910162	0.736105596º	1.276708351º	224.5624239	58.21522507	0.986172883	Umbral
1000	13644	2503892.876	2143-04-29 09:01:19	0.747244819	1.294455181	0.74542975º	1.275208605º	229.3918807	57.98642987	1.006321361	Penumbral
1000	13645	2503892.876									
1000	13646	2503892.876									
1000	13647	2503892.876									
1000	13648	2503922.291	2143-05-28 18:59:01	0.741587016	1.300112984	0.719590961º	1.245911982º	230.6761494	59.61593219	1.012932708	Penumbral
1000	13649	2504070.341	2143-10-23 20:11:15	0.720957828	1.320742172	0.663370487º	1.198913766º	225.5055664	62.93129149	0.995489624	Penumbral
1000	13650	2504070.341									
1000	13651	2504070.341									
1000	13652	2504070.341									
1000	13653	2504070.341									
1000	13654	2504100.023	2143-11-22 12:32:25	0.725474833	1.316225167	0.682421929º	1.221935068º	224.1425727	61.538672	0.988164587	Grazing
1000	13655	2504247.514	2144-04-18 00:20:47	0.755426714	1.286273286	0.779465693º	1.310747643º	229.1568286	56.05237771	1.003474289	Total
1000	13656	2504247.514									
1000	13657	2504247.514									
1000	13658	2504247.514									
1000	13659	2504247.514									
1000	13660	2504424.335	2144-10-11 20:02:46	0.718832292	1.322867708	0.654933714º	1.188771485º	226.0604244	63.56654588	0.998670022	Umbral
1000	13661	2504424.335									
1000	13662	2504424.335									
1000	13663	2504424.335									
1000	13664	2504424.335									
1000	13665	2504424.335									
1000	13666	2504602.2	2145-04-07 16:48:40	0.751825998	1.289874002	0.767289312º	1.300174817º	228.3248822	56.6709334	1.000454643	Total
1000	13667	2504602.2									
1000	13668	2504602.2									
1000	13669	2504602.2									
1000	13670	2504602.2									
1000	13671	2504602.2									
1000	13672	2504778.43	2145-09-30 22:19:16	0.730254246	1.311445754	0.689009674º	1.221143869º	227.4116985	61.34929206	1.001867167	Total
1000	13673	2504778.43									
1000	13674	2504778.43									
1000	13675	2504778.43									
1000	13676	2504778.43									
1000	13677	2504956.74	2146-03-28 05:44:57	0.737846518	1.303853482	0.717881621º	1.252410953º	226.8393789	59.47293671	0.997377966	Umbral

1000	13678	2504956.74									
1000	13679	2504956.74									
1000	13680	2504956.74									
1000	13681	2504956.74									
1000	13682	2504956.74									
1000	13683	2505103.461	2146-08-21 23:04:19	0.754254255	1.287445745	0.767944811º	1.294793757º	231.1042839	56.79953443	1.011917708	Grazing
1000	13684	2505103.461									
1000	13685	2505103.461									
1000	13686	2505103.461									
1000	13687	2505103.461									
1000	13688	2505132.827	2146-09-20 07:51:11	0.746486131	1.295213869	0.743444667º	1.273976551º	229.0718227	58.0793109	1.004893003	Umbral
1000	13689	2505281.248	2147-02-15 17:56:52	0.715610665	1.326089335	0.65230415º	1.192274102º	223.400373	63.53831518	0.987328601	Penumbral
1000	13690	2505281.248									
1000	13691	2505281.248									
1000	13692	2505281.248									
1000	13693	2505281.248									
1000	13694	2505310.984	2147-03-17 11:36:18	0.72209884	1.31960116	0.667920926º	1.204091848º	225.2521887	62.60361216	0.994324302	Grazing
1000	13695	2505458.165	2147-08-11 15:57:32	0.758195763	1.283504237	0.782386251º	1.308254087º	231.7279951	56.03957629	1.013805639	Umbral
1000	13696	2505458.165									
1000	13697	2505458.165									
1000	13698	2505458.165									
1000	13699	2505487.467	2147-09-09 23:12:03	0.756394398	1.285305602	0.779948022º	1.309014099º	230.2029892	56.08548141	1.007677115	Penumbral
1000	13700	2505635.218	2148-02-04 17:13:30	0.717690103	1.324009897	0.659697714º	1.200689281º	223.1293559	62.99732204	0.985464119	Umbral
1000	13701	2505635.218									
1000	13702	2505635.218									
1000	13703	2505635.218									
1000	13704	2505635.218									
1000	13705	2505812.831	2148-07-31 07:57:17	0.750448493	1.291251507	0.750512403º	1.275646966º	231.6971003	57.82684964	1.01522127	Total
1000	13706	2505812.831									
1000	13707	2505812.831									
1000	13708	2505812.831									
1000	13709	2505812.831									
1000	13710	2505812.831									
1000	13711	2505989.387	2149-01-23 21:16:58	0.731523197	1.310176803	0.704977241º	1.246673325º	223.6257018	60.04440526	0.984182446	Total
1000	13712	2505989.387									
1000	13713	2505989.387									
1000	13714	2505989.387									
1000	13715	2505989.387									
1000	13716	2505989.387									
1000	13717	2506167.277	2149-07-20 18:38:31	0.735913175	1.305786825	0.69748363º	1.222125395º	231.1291143	61.04418195	1.016174871	Umbral
1000	13718	2506167.277									
1000	13719	2506167.277									
1000	13720	2506167.277									
1000	13721	2506167.277									

1000	13722	2506167.277									
1000	13723	2506314.396	2149-12-14 21:30:29	0.750421874	1.291278126	0.773699851º	1.315201051º	224.7131762	56.09018334	0.984536651	Grazing
1000	13724	2506314.396									
1000	13725	2506314.396									
1000	13726	2506314.396									
1000	13727	2506343.855	2150-01-13 08:31:29	0.745949658	1.295750342	0.7570394º	1.299138731º	224.2802966	56.98503161	0.983450352	Umbral
1000	13728	2506491.802	2150-06-10 07:14:13	0.723313781	1.318386219	0.657570314º	1.18288532º	230.1187655	63.6763711	1.014872546	Penumbral
1000	13729	2506491.802									
1000	13730	2506491.802									
1000	13731	2506491.802									
1000	13732	2506491.802									
1000	13733	2506521.426	2150-07-09 22:12:54	0.724912198	1.316787802	0.661326607º	1.185742426º	230.6238522	63.44752168	1.016612693	Penumbral
1000	13734	2506669.052	2150-12-04 13:15:13	0.749047719	1.292652281	0.767216081º	1.307939126º	224.9660424	56.46237515	0.985953499	Penumbral
1000	13735	2506669.052									
1000	13736	2506669.052									
1000	13737	2506669.052									
1000	13738	2506669.052									
1000	13739	2506698.494	2151-01-02 23:51:44	0.750948633	1.290751367	0.776606676º	1.318776993º	224.4906603	55.91642118	0.983321588	Penumbral
1000	13740	2506845.881	2151-05-30 09:08:47	0.730921407	1.310778593	0.683042344º	1.209211249º	230.131223	61.92928717	1.013225548	Umbral
1000	13741	2506845.881									
1000	13742	2506845.881									
1000	13743	2506845.881									
1000	13744	2506845.881									
1000	13745	2507023.589	2151-11-24 02:08:38	0.736803838	1.304896162	0.720657297º	1.26032844º	224.7233453	59.1525503	0.987875274	Umbral
1000	13746	2507023.589									
1000	13747	2507023.589									
1000	13748	2507023.589									
1000	13749	2507023.589									
1000	13750	2507023.589									
1000	13751	2507200.232	2152-05-18 17:34:43	0.745363477	1.296336523	0.734719516º	1.261974226º	230.4319883	58.68275154	1.011138958	Total
1000	13752	2507200.232									
1000	13753	2507200.232									
1000	13754	2507200.232									
1000	13755	2507200.232									
1000	13756	2507377.849	2152-11-12 08:22:17	0.722084345	1.319615655	0.67027629º	1.208635506º	224.4135495	62.37382715	0.990282625	Total
1000	13757	2507377.849									
1000	13758	2507377.849									
1000	13759	2507377.849									
1000	13760	2507377.849									
1000	13761	2507377.849									
1000	13762	2507554.843	2153-05-08 08:14:21	0.755673123	1.286026877	0.776278982º	1.304822475º	230.3919865	56.29766648	1.00867343	Umbral
1000	13763	2507554.843									
1000	13764	2507554.843									
1000	13765	2507554.843									

1000	13766	2507554.843									
1000	13767	2507554.843									
1000	13768	2507702.137	2153-10-02 15:16:51	0.72147519	1.32022481	0.661265734º	1.193642677º	226.8217118	63.18118411	1.001410343	Grazing
1000	13769	2507702.137									
1000	13770	2507702.137									
1000	13771	2507702.137									
1000	13772	2507702.137									
1000	13773	2507731.857	2153-11-01 08:34:10	0.716534562	1.325165438	0.651506787º	1.188336572º	224.7033703	63.70126369	0.993103945	Umbral
1000	13774	2507880.171	2154-03-29 16:05:58	0.748182328	1.293517672	0.755183035º	1.289511674º	227.5348391	57.30382218	0.997752579	Penumbral
1000	13775	2507880.171									
1000	13776	2507880.171									
1000	13777	2507880.171									
1000	13778	2507880.171									
1000	13779	2507909.545	2154-04-28 01:04:58	0.754943819	1.286756181	0.775406618º	1.305363889º	229.7444044	56.30699059	1.005982572	Penumbral
1000	13780	2508056.312	2154-09-21 19:29:04	0.735422924	1.306277076	0.70445837º	1.235182283º	228.3186903	60.41397828	1.004529406	Penumbral
1000	13781	2508056.312									
1000	13782	2508056.312									
1000	13783	2508056.312									
1000	13784	2508085.893	2154-10-21 09:25:56	0.725296545	1.316403455	0.676808002º	1.21199776º	225.8416358	62.04532293	0.996147197	Penumbral
1000	13785	2508234.634	2155-03-19 03:13:16	0.732503744	1.309196256	0.701372871º	1.237307099º	225.9448997	60.44547417	0.994763443	Total
1000	13786	2508234.634									
1000	13787	2508234.634									
1000	13788	2508234.634									
1000	13789	2508234.634									
1000	13790	2508410.794	2155-09-11 07:03:27	0.750747763	1.290952237	0.757742923º	1.286967669º	229.8696168	57.30206745	1.007374999	Umbral
1000	13791	2508410.794									
1000	13792	2508410.794									
1000	13793	2508410.794									
1000	13794	2508410.794									
1000	13795	2508410.794									
1000	13796	2508588.788	2156-03-07 06:54:34	0.718496629	1.323203371	0.658353847º	1.195860744º	224.5117058	63.20648599	0.991852907	Total
1000	13797	2508588.788									
1000	13798	2508588.788									
1000	13799	2508588.788									
1000	13800	2508588.788									
1000	13801	2508588.788									
1000	13802	2508765.473	2156-08-30 23:20:49	0.757493182	1.284206818	0.782637775º	1.310544977º	230.777397	55.97185937	1.009889192	Total
1000	13803	2508765.473									
1000	13804	2508765.473									
1000	13805	2508765.473									
1000	13806	2508765.473									
1000	13807	2508765.473									
1000	13808	2508942.762	2157-02-24 06:16:53	0.716827332	1.324872668	0.65476317º	1.19371817º	223.8840152	63.40348719	0.989187926	Total Penumbral
1000	13809	2508942.762									

1000	13810	2508942.762									
1000	13811	2508942.762									
1000	13812	2508942.762									
1000	13813	2509090.801	2157-07-22 07:12:58	0.746810041	1.294889959	0.736084195º	1.260790302º	231.7247422	58.67674215	1.016050263	Grazing
1000	13814	2509090.801									
1000	13815	2509090.801									
1000	13816	2509090.801									
1000	13817	2509090.801									
1000	13818	2509120.158	2157-08-20 15:47:23	0.752282769	1.289417231	0.760151859º	1.286901343º	231.0260696	57.23571041	1.012108778	Umbral
1000	13819	2509267.271	2158-01-14 18:30:24	0.736068605	1.305631395	0.72108042º	1.263135952º	223.7339998	59.05665893	0.983529817	Penumbral
1000	13820	2509267.271									
1000	13821	2509267.271									
1000	13822	2509267.271									
1000	13823	2509267.271									
1000	13824	2509296.871	2158-02-13 08:54:20	0.728418124	1.313281876	0.692740044º	1.232934224º	224.0575245	60.85594783	0.986918775	Grazing
1000	13825	2509445.164	2158-07-11 15:56:09	0.732015635	1.309684365	0.684140113º	1.208572953º	231.0126742	61.9136967	1.016579697	Umbral
1000	13826	2509445.164									
1000	13827	2509445.164									
1000	13828	2509445.164									
1000	13829	2509445.164									
1000	13830	2509474.659	2158-08-10 03:49:20	0.738645411	1.303054589	0.708553347º	1.234317176º	230.7431077	60.31189407	1.01400619	Grazing
1000	13831	2509621.805	2159-01-04 07:19:48	0.748632258	1.293067742	0.767472617º	1.309633362º	224.3841904	56.4095834	0.983338951	Umbral
1000	13832	2509621.805									
1000	13833	2509621.805									
1000	13834	2509621.805									
1000	13835	2509621.805									
1000	13836	2509799.25	2159-06-30 18:00:39	0.723836844	1.317863156	0.658072457º	1.182537276º	230.5342745	63.67075734	1.016517712	Total
1000	13837	2509799.25									
1000	13838	2509799.25									
1000	13839	2509799.25									
1000	13840	2509799.25									
1000	13841	2509976.458	2159-12-24 22:59:49	0.750086035	1.291613965	0.772875224º	1.314829702º	224.5405409	56.12249984	0.983713207	Total
1000	13842	2509976.458									
1000	13843	2509976.458									
1000	13844	2509976.458									
1000	13845	2509976.458									
1000	13846	2509976.458									
1000	13847	2510153.299	2160-06-18 19:10:49	0.728950006	1.312749994	0.674714228º	1.199530513º	230.6569881	62.52540466	1.015836956	Umbral
1000	13848	2510153.299									
1000	13849	2510153.299									
1000	13850	2510153.299									
1000	13851	2510153.299									
1000	13852	2510153.299									
1000	13853	2510301.48	2160-11-13 23:31:18	0.732688664	1.309011336	0.705036561º	1.243617378º	224.9436794	60.13608779	0.989875171	Grazing

1000	13854	2510301.48									
1000	13855	2510301.48									
1000	13856	2510301.48									
1000	13857	2510301.48									
1000	13858	2510331.035	2160-12-13 12:50:08	0.739653393	1.302046607	0.732995453º	1.274429091º	224.1848775	58.37210831	0.984659504	Umbral
1000	13859	2510478.193	2161-05-09 16:37:40	0.748734517	1.292965483	0.749006842º	1.277377285º	230.0944416	57.82126589	1.009003786	Penumbral
1000	13860	2510478.193									
1000	13861	2510478.193									
1000	13862	2510478.193									
1000	13863	2510478.193									
1000	13864	2510507.589	2161-06-08 02:08:21	0.742993809	1.298706191	0.723350367º	1.248812228º	231.1526302	59.41391002	1.014588911	Penumbral
1000	13865	2510655.657	2161-11-03 03:46:22	0.719585434	1.322114566	0.660968988º	1.198051082º	224.7987446	63.04254974	0.992637408	Penumbral
1000	13866	2510655.657									
1000	13867	2510655.657									
1000	13868	2510655.657									
1000	13869	2510685.36	2161-12-02 20:38:26	0.724152991	1.317547009	0.679439563º	1.220022623º	223.6460766	61.69797009	0.986208813	Grazing
1000	13870	2510832.845	2162-04-29 08:16:52	0.756319739	1.285380261	0.780782673º	1.310553619º	229.871275	56.02184302	1.006336383	Umbral
1000	13871	2510832.845									
1000	13872	2510832.845									
1000	13873	2510832.845									
1000	13874	2510832.845									
1000	13875	2511009.642	2162-10-23 03:24:30	0.718187751	1.323512249	0.654929925º	1.190367433º	225.3500638	63.51206261	0.995686276	Umbral
1000	13876	2511009.642									
1000	13877	2511009.642									
1000	13878	2511009.642									
1000	13879	2511009.642									
1000	13880	2511009.642									
1000	13881	2511187.534	2163-04-19 00:48:54	0.75207158	1.28962842	0.765919559º	1.297198295º	229.0320837	56.79018454	1.00348036	Total
1000	13882	2511187.534									
1000	13883	2511187.534									
1000	13884	2511187.534									
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1000	13886	2511187.534									
1000	13887	2511363.744	2163-10-12 05:52:03	0.730227413	1.311472587	0.69102995º	1.224775366º	226.7182334	61.16833373	0.998842823	Total
1000	13888	2511363.744									
1000	13889	2511363.744									
1000	13890	2511363.744									
1000	13891	2511363.744									
1000	13892	2511542.066	2164-04-07 13:34:29	0.737792577	1.303907423	0.715529569º	1.248428131º	227.5244269	59.66477692	1.00043013	Umbral
1000	13893	2511542.066									
1000	13894	2511542.066									
1000	13895	2511542.066									
1000	13896	2511542.066									
1000	13897	2511542.066									

1000	13898	2511688.779	2164-09-01 06:42:21	0.754201389	1.287498611	0.769571167º	1.297615436º	230.5574078	56.67734446	1.00962705	Grazing
1000	13899	2511688.779									
1000	13900	2511688.779									
1000	13901	2511688.779									
1000	13902	2511688.779									
1000	13903	2511718.153	2164-09-30 15:40:09	0.746481634	1.295218366	0.745668184º	1.277774704º	228.3859723	57.90648438	1.001919274	Umbral
1000	13904	2511866.572	2165-02-26 01:44:23	0.716025694	1.325674306	0.652191188º	1.190949072º	223.9005472	63.58763301	0.98954984	Penumbral
1000	13905	2511866.572									
1000	13906	2511866.572									
1000	13907	2511866.572									
1000	13908	2511866.572									
1000	13909	2511896.298	2165-03-27 19:09:40	0.722353755	1.319346245	0.666772544º	1.201359027º	225.9269258	62.73352015	0.997271339	Grazing
1000	13910	2512043.482	2165-08-21 23:34:26	0.757535606	1.284164394	0.78124961º	1.308109269º	231.2401818	56.07426584	1.011897132	Penumbral
1000	13911	2512043.482									
1000	13912	2512043.482									
1000	13913	2512043.482									
1000	13914	2512043.482									
1000	13915	2512072.795	2165-09-20 07:05:15	0.755888493	1.285811507	0.780143922º	1.310681217º	229.5222078	56.03575707	1.004882753	Penumbral
1000	13916	2512220.55	2166-02-15 01:11:58	0.718726194	1.322973806	0.661773513º	1.201804072º	223.5657056	62.88889146	0.987217795	Umbral
1000	13917	2512220.55									
1000	13918	2512220.55									
1000	13919	2512220.55									
1000	13920	2512220.55									
1000	13921	2512398.137	2166-08-11 15:17:13	0.749254995	1.292445005	0.74714518º	1.273012076º	231.2819115	57.99924352	1.013807451	Total
1000	13922	2512398.137									
1000	13923	2512398.137									
1000	13924	2512398.137									
1000	13925	2512398.137									
1000	13926	2512574.737	2167-02-04 05:41:55	0.732698113	1.309001887	0.708130093º	1.249152974º	223.9598308	59.87100463	0.98540708	Total
1000	13927	2512574.737									
1000	13928	2512574.737									
1000	13929	2512574.737									
1000	13930	2512574.737									
1000	13931	2512574.737									
1000	13932	2512752.562	2167-08-01 01:29:09	0.734723344	1.306976656	0.694167925º	1.219290431º	230.8345612	61.24101943	1.015244579	Total
1000	13933	2512752.562									
1000	13934	2512752.562									
1000	13935	2512752.562									
1000	13936	2512752.562									
1000	13937	2512752.562									
1000	13938	2512929.221	2168-01-24 17:17:33	0.746658242	1.295041758	0.759262828º	1.300968895º	224.4635433	56.87255347	0.98416431	Umbral
1000	13939	2512929.221									
1000	13940	2512929.221									
1000	13941	2512929.221									

1000	13942	2512929.221									
1000	13943	2512929.221									
1000	13944	2513077.071	2168-06-20 13:41:40	0.72377949	1.31792051	0.658238605º	1.183002548º	230.4074964	63.64896214	1.01593828	Grazing
1000	13945	2513077.071									
1000	13946	2513077.071									
1000	13947	2513077.071									
1000	13948	2513106.694	2168-07-20 04:39:28	0.724466623	1.317233377	0.660202078º	1.184837538º	230.5051097	63.51755453	1.016187084	Penumbral
1000	13949	2513254.416	2168-12-14 21:59:32	0.748280943	1.293419057	0.76524361º	1.306733589º	224.6264175	56.54936662	0.984557053	Penumbral
1000	13950	2513254.416									
1000	13951	2513254.416									
1000	13952	2513254.416									
1000	13953	2513254.416									
1000	13954	2513283.864	2169-01-13 08:44:04	0.750890996	1.290809004	0.776301144º	1.318377886º	224.5143181	55.93525083	0.983491334	Penumbral
1000	13955	2513431.165	2169-06-09 15:57:22	0.732226962	1.309473038	0.686173076º	1.211543208º	230.5848882	61.75034536	1.014766058	Umbral
1000	13956	2513431.165									
1000	13957	2513431.165									
1000	13958	2513431.165									
1000	13959	2513431.165									
1000	13960	2513608.939	2169-12-04 10:32:05	0.735472105	1.306227895	0.717291243º	1.257983676º	224.2412357	59.3242612	0.98600932	Umbral
1000	13961	2513608.939									
1000	13962	2513608.939									
1000	13963	2513608.939									
1000	13964	2513608.939									
1000	13965	2513608.939									
1000	13966	2513785.538	2170-05-30 00:55:06	0.746796603	1.294903397	0.738427381º	1.264639962º	230.9958505	58.4953177	1.01314145	Total
1000	13967	2513785.538									
1000	13968	2513785.538									
1000	13969	2513785.538									
1000	13970	2513785.538									
1000	13971	2513785.538									
1000	13972	2513963.178	2170-11-23 16:16:21	0.720761633	1.320938367	0.667609997º	1.207242991º	223.8368076	62.50959012	0.98794511	Total
1000	13973	2513963.178									
1000	13974	2513963.178									
1000	13975	2513963.178									
1000	13976	2513963.178									
1000	13977	2514140.164	2171-05-19 15:56:36	0.756621326	1.285078674	0.778179972º	1.305435751º	231.0084741	56.22926457	1.011136908	Umbral
1000	13978	2514140.164									
1000	13979	2514140.164									
1000	13980	2514140.164									
1000	13981	2514140.164									
1000	13982	2514140.164									
1000	13983	2514287.44	2171-10-13 22:34:18	0.721044101	1.320655899	0.66194776º	1.195967406º	226.1055254	63.07918571	0.998329895	Grazing
1000	13984	2514287.44									
1000	13985	2514287.44									

1000	13986	2514287.44									
1000	13987	2514287.44									
1000	13988	2514317.174	2171-11-12 16:10:28	0.71580878	1.32589122	0.650975679º	1.1892775º	224.081121	63.68750707	0.990388212	Umbral
1000	13989	2514465.506	2172-04-09 00:09:11	0.748296247	1.293403753	0.753339515º	1.286012094º	228.234036	57.45387601	1.000854557	Penumbral
1000	13990	2514465.506									
1000	13991	2514465.506									
1000	13992	2514465.506									
1000	13993	2514465.506									
1000	13994	2514494.871	2172-05-08 08:53:33	0.755243088	1.286456912	0.774464221º	1.30296846º	230.3943272	56.39730019	1.008748348	Penumbral
1000	13995	2514641.626	2172-10-02 03:01:48	0.735486382	1.306213618	0.706797993º	1.23913127º	227.6352335	60.21872629	1.001492487	Penumbral
1000	13996	2514641.626									
1000	13997	2514641.626									
1000	13998	2514641.626									
1000	13999	2514641.626									
1000	14000	2514671.215	2172-10-31 17:08:53	0.725208996	1.316491004	0.678426032º	1.215202864º	225.1948241	61.88737111	0.993201914	Penumbral
1000	14001	2514819.96	2173-03-29 11:02:56	0.732461637	1.309238363	0.699193939º	1.233514605º	226.6074406	60.63222425	0.997767468	Umbral
1000	14002	2514819.96									
1000	14003	2514819.96									
1000	14004	2514819.96									
1000	14005	2514996.118	2173-09-21 14:50:36	0.750670106	1.291029894	0.759636615º	1.290356581º	229.2059151	57.15445404	1.004536879	Umbral
1000	14006	2514996.118									
1000	14007	2514996.118									
1000	14008	2514996.118									
1000	14009	2514996.118									
1000	14010	2514996.118									
1000	14011	2515174.104	2174-03-18 14:30:22	0.718905444	1.322794556	0.657808328º	1.193817637º	225.1517459	63.29460938	0.994624102	Total
1000	14012	2515174.104									
1000	14013	2515174.104									
1000	14014	2515174.104									
1000	14015	2515174.104									
1000	14016	2515174.104									
1000	14017	2515350.798	2174-09-11 07:08:28	0.756835697	1.284864303	0.782060621º	1.311281052º	230.1372342	55.96792195	1.007383212	Total
1000	14018	2515350.798									
1000	14019	2515350.798									
1000	14020	2515350.798									
1000	14021	2515350.798									
1000	14022	2515350.798									
1000	14023	2515528.083	2175-03-07 13:59:31	0.71794212	1.32375788	0.656555255º	1.194178538º	224.4930588	63.32570512	0.991638187	Umbral
1000	14024	2515528.083									
1000	14025	2515528.083									
1000	14026	2515528.083									
1000	14027	2515528.083									
1000	14028	2515528.083									
1000	14029	2515676.1	2175-08-02 14:23:48	0.745624463	1.296075537	0.732539411º	1.257735388º	231.4120428	58.87189573	1.015102554	Grazing

1000	14030	2515676.1									
1000	14031	2515676.1									
1000	14032	2515676.1									
1000	14033	2515705.472	2175-08-31 23:19:47	0.751007231	1.290692769	0.757001916º	1.284893901º	230.425772	57.38089559	1.009918302	Umbral
1000	14034	2515852.628	2176-01-26 03:04:08	0.737074786	1.304625214	0.724090223º	1.265743678º	223.9540569	58.88942675	0.984259904	Penumbral
1000	14035	2515852.628									
1000	14036	2515852.628									
1000	14037	2515852.628									
1000	14038	2515852.628									
1000	14039	2515882.211	2176-02-24 17:04:11	0.729842867	1.311857133	0.696051745º	1.23508929º	224.5985561	60.68291588	0.989036446	Grazing
1000	14040	2516030.443	2176-07-21 22:37:24	0.731061203	1.310638797	0.681353447º	1.206025206º	230.8454635	62.08918879	1.016116779	Umbral
1000	14041	2516030.443									
1000	14042	2516030.443									
1000	14043	2516030.443									
1000	14044	2516030.443									
1000	14045	2516059.953	2176-08-20 10:52:41	0.737174653	1.304525347	0.704843199º	1.231558189º	230.2215057	60.51413832	1.012175062	Grazing
1000	14046	2516207.173	2177-01-14 16:09:49	0.749051958	1.292648042	0.76898053º	1.311029461º	224.4447504	56.33061976	0.983541794	Umbral
1000	14047	2516207.173									
1000	14048	2516207.173									
1000	14049	2516207.173									
1000	14050	2516207.173									
1000	14051	2516384.517	2177-07-11 00:24:55	0.723790329	1.317909671	0.657851747º	1.182292368º	230.5539058	63.68690122	1.016564614	Total
1000	14052	2516384.517									
1000	14053	2516384.517									
1000	14054	2516384.517									
1000	14055	2516384.517									
1000	14056	2516384.517									
1000	14057	2516561.827	2178-01-04 07:50:41	0.749719618	1.291980382	0.771715659º	1.313856485º	224.4418664	56.18006904	0.98337508	Total
1000	14058	2516561.827									
1000	14059	2516561.827									
1000	14060	2516561.827									
1000	14061	2516561.827									
1000	14062	2516738.575	2178-06-30 01:48:19	0.729872244	1.311827756	0.677216437º	1.201724898º	230.8640402	62.36863679	1.016433133	Umbral
1000	14063	2516738.575									
1000	14064	2516738.575									
1000	14065	2516738.575									
1000	14066	2516738.575									
1000	14067	2516738.575									
1000	14068	2516886.821	2178-11-25 07:42:55	0.731218212	1.310481788	0.701585263º	1.241378727º	224.3712603	60.31297061	0.987651413	Grazing
1000	14069	2516886.821									
1000	14070	2516886.821									
1000	14071	2516886.821									
1000	14072	2516886.821									
1000	14073	2516916.393	2178-12-24 21:26:15	0.738640639	1.303059361	0.730015371º	1.271956272º	223.9265645	58.53161383	0.983737852	Umbral

1000	14074	2517063.506	2179-05-21 00:08:53	0.750126144	1.291573856	0.752459775º	1.27959758º	230.726994	57.6591489	1.011363201	Penumbral
1000	14075	2517063.506									
1000	14076	2517063.506									
1000	14077	2517063.506									
1000	14078	2517063.506									
1000	14079	2517092.886	2179-06-19 09:15:49	0.744262838	1.297437162	0.727007284º	1.251861748º	231.5096985	59.21191834	1.015763063	Penumbral
1000	14080	2517240.978	2179-11-14 11:28:45	0.718328921	1.323371079	0.65876964º	1.197269368º	224.1579714	63.14450604	0.990024229	Penumbral
1000	14081	2517240.978									
1000	14082	2517240.978									
1000	14083	2517240.978									
1000	14084	2517240.978									
1000	14085	2517418.171	2180-05-09 16:06:19	0.757120503	1.284579497	0.781896901º	1.310258169º	230.5372215	55.99952485	1.009021308	Umbral
1000	14086	2517418.171									
1000	14087	2517418.171									
1000	14088	2517418.171									
1000	14089	2517418.171									
1000	14090	2517594.955	2180-11-02 10:55:30	0.717632193	1.324067807	0.655071919º	1.192059957º	224.6844458	63.44930956	0.992811273	Umbral
1000	14091	2517594.955									
1000	14092	2517594.955									
1000	14093	2517594.955									
1000	14094	2517594.955									
1000	14095	2517594.955									
1000	14096	2517772.862	2181-04-29 08:40:54	0.752250624	1.289449376	0.764363511º	1.294116115º	229.7137576	56.91804876	1.006371228	Total
1000	14097	2517772.862									
1000	14098	2517772.862									
1000	14099	2517772.862									
1000	14100	2517772.862									
1000	14101	2517772.862									
1000	14102	2517949.066	2181-10-22 13:34:48	0.730223015	1.311476985	0.693063826º	1.228432226º	226.043065	60.98720359	0.995814802	Total
1000	14103	2517949.066									
1000	14104	2517949.066									
1000	14105	2517949.066									
1000	14106	2517949.066									
1000	14107	2517949.066									
1000	14108	2518127.385	2182-04-18 21:14:21	0.73772604	1.30397396	0.713125517º	1.244423869º	228.2115849	59.86011852	1.003443311	Umbral
1000	14109	2518127.385									
1000	14110	2518127.385									
1000	14111	2518127.385									
1000	14112	2518127.385									
1000	14113	2518127.385									
1000	14114	2518274.102	2182-09-12 14:27:12	0.754028145	1.287671855	0.770966599º	1.300375194º	229.933093	56.56373505	1.007025165	Grazing
1000	14115	2518274.102									
1000	14116	2518274.102									
1000	14117	2518274.102									

1000	14118	2518303.485	2182-10-11 23:38:03	0.746434081	1.295265919	0.747762734º	1.281490434º	227.6893518	57.74072384	0.998875978	Umbral
1000	14119	2518451.892	2183-03-09 09:24:13	0.716588684	1.325111316	0.652286353º	1.18965274º	224.4904587	63.62876754	0.992112255	Penumbral
1000	14120	2518451.892									
1000	14121	2518451.892									
1000	14122	2518451.892									
1000	14123	2518451.892									
1000	14124	2518481.606	2183-04-08 02:33:11	0.722667498	1.319032502	0.665731707º	1.198686994º	226.6323451	62.85826387	1.00032365	Grazing
1000	14125	2518628.803	2183-09-02 07:16:03	0.756735551	1.284964449	0.779856412º	1.307915953º	230.656487	56.117266	1.009597851	Penumbral
1000	14126	2518628.803									
1000	14127	2518628.803									
1000	14128	2518628.803									
1000	14129	2518628.803									
1000	14130	2518658.129	2183-10-01 15:05:49	0.755302068	1.286397932	0.780113117º	1.312241266º	228.8060041	55.99510093	1.001878549	Penumbral
1000	14131	2518805.879	2184-02-26 09:05:17	0.719924736	1.321775264	0.664099677º	1.202916308º	224.1064276	62.77240148	0.989441948	Umbral
1000	14132	2518805.879									
1000	14133	2518805.879									
1000	14134	2518805.879									
1000	14135	2518805.879									
1000	14136	2518983.444	2184-08-21 22:39:51	0.747920695	1.293779305	0.743605317º	1.270472782º	230.7549251	58.17496978	1.01188214	Total
1000	14137	2518983.444									
1000	14138	2518983.444									
1000	14139	2518983.444									
1000	14140	2518983.444									
1000	14141	2518983.444									
1000	14142	2519160.086	2185-02-14 14:03:34	0.734009289	1.307690711	0.711459882º	1.251516831º	224.4082468	59.69665723	0.987169555	Total
1000	14143	2519160.086									
1000	14144	2519160.086									
1000	14145	2519160.086									
1000	14146	2519160.086									
1000	14147	2519337.848	2185-08-11 08:21:04	0.733407828	1.308292172	0.690818318º	1.216680773º	230.4158335	61.43302705	1.013816013	Total
1000	14148	2519337.848									
1000	14149	2519337.848									
1000	14150	2519337.848									
1000	14151	2519337.848									
1000	14152	2519337.848									
1000	14153	2519514.584	2186-02-04 02:01:25	0.747475445	1.294224555	0.76152104º	1.302553418º	224.7689357	56.76625968	0.985389783	Umbral
1000	14154	2519514.584									
1000	14155	2519514.584									
1000	14156	2519514.584									
1000	14157	2519514.584									
1000	14158	2519514.584									
1000	14159	2519662.338	2186-07-01 20:07:13	0.724137004	1.317562996	0.658947761º	1.183416065º	230.5647878	63.60998535	1.016510956	Grazing
1000	14160	2519662.338									
1000	14161	2519662.338									

1000	14162	2519662.338									
1000	14163	2519662.338									
1000	14164	2519691.963	2186-07-31 11:07:13	0.723909249	1.317790751	0.659125773º	1.18421574º	230.252787	63.5763585	1.015307493	Penumbral
1000	14165	2519839.782	2186-12-26 06:46:34	0.747616762	1.294083238	0.763280432º	1.305279157º	224.4068895	56.6431372	0.983632901	Penumbral
1000	14166	2519839.782									
1000	14167	2519839.782									
1000	14168	2519839.782									
1000	14169	2519869.233	2187-01-24 17:35:12	0.750936491	1.290763509	0.775964027º	1.317685383º	224.6656875	55.96273415	0.984136533	Penumbral
1000	14170	2520016.447	2187-06-20 22:44:08	0.733415873	1.308284127	0.689318889º	1.214088334º	230.9182318	61.56509201	1.015927628	Umbral
1000	14171	2520016.447									
1000	14172	2520016.447									
1000	14173	2520016.447									
1000	14174	2520016.447									
1000	14175	2520045.996	2187-07-20 11:54:28	0.72738468	1.31431532	0.669362757º	1.19395888º	230.680365	62.89278462	1.016263283	Grazing
1000	14176	2520194.291	2187-12-15 18:59:16	0.734265921	1.307434079	0.714050241º	1.25554411º	223.8697586	59.49599526	0.984549979	Umbral
1000	14177	2520194.291									
1000	14178	2520194.291									
1000	14179	2520194.291									
1000	14180	2520194.291									
1000	14181	2520370.842	2188-06-09 08:12:29	0.748098183	1.293601817	0.742020637º	1.267393735º	231.4532292	58.30990417	1.01476033	Total
1000	14182	2520370.842									
1000	14183	2520370.842									
1000	14184	2520370.842									
1000	14185	2520370.842									
1000	14186	2520370.842									
1000	14187	2520548.511	2188-12-04 00:15:48	0.719590767	1.322109233	0.665185296º	1.205848236º	223.3595918	62.63783629	0.986063106	Total
1000	14188	2520548.511									
1000	14189	2520548.511									
1000	14190	2520548.511									
1000	14191	2520548.511									
1000	14192	2520548.511									
1000	14193	2520725.482	2189-05-29 23:33:59	0.757437282	1.284262718	0.77981594º	1.306036275º	231.535348	56.16858632	1.013126522	Umbral
1000	14194	2520725.482									
1000	14195	2520725.482									
1000	14196	2520725.482									
1000	14197	2520725.482									
1000	14198	2520872.751	2189-10-24 06:01:33	0.720668302	1.321031698	0.662758594º	1.198365218º	225.4127538	62.9706498	0.99537189	Grazing
1000	14199	2520872.751									
1000	14200	2520872.751									
1000	14201	2520872.751									
1000	14202	2520872.751									
1000	14203	2520902.496	2189-11-22 23:54:33	0.715225977	1.326474023	0.650682964º	1.190235066º	223.5429487	63.66484227	0.988093226	Umbral
1000	14204	2521050.836	2190-04-20 08:03:36	0.748371939	1.293328061	0.751328542º	1.282435195º	228.9299311	57.61169	1.003805497	Penumbral
1000	14205	2521050.836									

1000	14206	2521050.836									
1000	14207	2521050.836									
1000	14208	2521050.836									
1000	14209	2521080.191	2190-05-19 16:35:16	0.755427646	1.286272354	0.773254513º	1.300527215º	230.9738463	56.49650343	1.011104454	Penumbral
1000	14210	2521226.947	2190-10-13 10:44:19	0.735534755	1.306165245	0.70913092º	1.243056662º	226.9467738	60.02566137	0.998505476	Penumbral
1000	14211	2521226.947									
1000	14212	2521226.947									
1000	14213	2521226.947									
1000	14214	2521226.947									
1000	14215	2521256.542	2190-11-12 01:01:11	0.725207033	1.316492967	0.680166822º	1.218372063º	224.6108017	61.72734326	0.990565935	Penumbral
1000	14216	2521405.28	2191-04-09 18:42:44	0.732443945	1.309256055	0.697010456º	1.229723675º	227.2951986	60.82022828	1.000778203	Umbral
1000	14217	2521405.28									
1000	14218	2521405.28									
1000	14219	2521405.28									
1000	14220	2521405.28									
1000	14221	2521581.449	2191-10-02 22:46:03	0.750520081	1.291179919	0.761356035º	1.293654306º	228.509049	57.01500115	1.001558349	Umbral
1000	14222	2521581.449									
1000	14223	2521581.449									
1000	14224	2521581.449									
1000	14225	2521581.449									
1000	14226	2521759.414	2192-03-28 21:56:49	0.719407956	1.322292044	0.657427485º	1.191824836º	225.8434651	63.37555562	0.99762429	Total
1000	14227	2521759.414									
1000	14228	2521759.414									
1000	14229	2521759.414									
1000	14230	2521759.414									
1000	14231	2521759.414									
1000	14232	2521936.127	2192-09-21 15:02:41	0.756077235	1.285622765	0.781220282º	1.311958283º	229.4411089	55.97266403	1.004502743	Total
1000	14233	2521936.127									
1000	14234	2521936.127									
1000	14235	2521936.127									
1000	14236	2521936.127									
1000	14237	2521936.127									
1000	14238	2522113.399	2193-03-17 21:34:51	0.71918374	1.32251626	0.658585715º	1.194683899º	225.1745361	63.23835777	0.994459211	Umbral
1000	14239	2522113.399									
1000	14240	2522113.399									
1000	14241	2522113.399									
1000	14242	2522113.399									
1000	14243	2522113.399									
1000	14244	2522261.4	2193-08-12 21:36:06	0.744292465	1.297407535	0.728837248º	1.254834237º	230.975767	59.06854468	1.01355671	Grazing
1000	14245	2522261.4									
1000	14246	2522261.4									
1000	14247	2522261.4									
1000	14248	2522261.4									
1000	14249	2522290.79	2193-09-11 06:57:05	0.749622822	1.292077178	0.753680799º	1.282935365º	229.7486642	57.53033768	1.007318239	Umbral

1000	14250	2522437.983	2194-02-05 11:35:46	0.738213416	1.303486584	0.727252419º	1.268169615º	224.2957968	58.7239163	0.985599609	Penumbral
1000	14251	2522437.983									
1000	14252	2522437.983									
1000	14253	2522437.983									
1000	14254	2522467.548	2194-03-07 01:08:30	0.731383185	1.310316815	0.699543732º	1.237212786º	225.2282782	60.50614688	0.991553772	Grazing
1000	14255	2522615.721	2194-08-02 05:18:56	0.729980529	1.311719471	0.678544581º	1.203741431º	230.5459108	62.25774782	1.015100866	Penumbral
1000	14256	2522615.721									
1000	14257	2522615.721									
1000	14258	2522615.721									
1000	14259	2522615.721									
1000	14260	2522645.25	2194-08-31 17:59:38	0.735602756	1.306097244	0.701102318º	1.228988379º	229.6043303	60.71281054	1.009929638	Grazing
1000	14261	2522792.541	2195-01-26 00:58:48	0.749578949	1.292121051	0.770500771º	1.312136135º	224.6322397	56.2593037	0.984292778	Umbral
1000	14262	2522792.541									
1000	14263	2522792.541									
1000	14264	2522792.541									
1000	14265	2522792.541									
1000	14266	2522969.784	2195-07-22 06:49:36	0.72362978	1.31807022	0.657680131º	1.182336312º	230.436256	63.69139968	1.016146948	Total
1000	14267	2522969.784									
1000	14268	2522969.784									
1000	14269	2522969.784									
1000	14270	2522969.784									
1000	14271	2522969.784									
1000	14272	2523147.196	2196-01-15 16:41:34	0.749460347	1.292239653	0.770545976º	1.312596158º	224.4717239	56.2457305	0.983539523	Total
1000	14273	2523147.196									
1000	14274	2523147.196									
1000	14275	2523147.196									
1000	14276	2523147.196									
1000	14277	2523147.196									
1000	14278	2523323.852	2196-07-10 08:26:27	0.730666477	1.311033523	0.67972571º	1.204163766º	230.9349516	62.20439756	1.016569587	Total
1000	14279	2523323.852									
1000	14280	2523323.852									
1000	14281	2523323.852									
1000	14282	2523323.852									
1000	14283	2523501.752	2197-01-04 06:03:28	0.737760661	1.303939339	0.727149694º	1.269300585º	223.7942113	58.69393113	0.983356822	Umbral
1000	14284	2523501.752									
1000	14285	2523501.752									
1000	14286	2523501.752									
1000	14287	2523501.752									
1000	14288	2523501.752									
1000	14289	2523648.817	2197-05-31 07:35:58	0.751396022	1.290303978	0.75576334º	1.281866424º	231.2686517	57.500841	1.013352316	Penumbral
1000	14290	2523648.817									
1000	14291	2523648.817									
1000	14292	2523648.817									
1000	14293	2523648.817									

1000	14294	2523678.182	2197-06-29 16:22:47	0.745380083	1.296319917	0.730539134º	1.255050895º	231.7360666	59.01093394	1.016426738	Penumbral
1000	14295	2523826.304	2197-11-24 19:17:45	0.717213897	1.324486103	0.656791204º	1.196540283º	223.6026078	63.23738116	0.987732631	Penumbral
1000	14296	2523826.304									
1000	14297	2523826.304									
1000	14298	2523826.304									
1000	14299	2523826.304									
1000	14300	2523856.042	2197-12-24 13:01:11	0.721991731	1.319708269	0.674141007º	1.216079566º	222.9968533	62.00079203	0.983742104	Grazing
1000	14301	2524003.493	2198-05-20 23:49:51	0.757804918	1.283895082	0.782768267º	1.309891426º	231.1315309	55.98568841	1.011391302	Umbral
1000	14302	2524003.493									
1000	14303	2524003.493									
1000	14304	2524003.493									
1000	14305	2524003.493									
1000	14306	2524180.275	2198-11-13 18:35:20	0.717191932	1.324508068	0.65538971º	1.193803576º	224.0854936	63.37884379	0.99018211	Umbral
1000	14307	2524180.275									
1000	14308	2524180.275									
1000	14309	2524180.275									
1000	14310	2524180.275									
1000	14311	2524358.184	2199-05-10 16:25:05	0.752338436	1.289361564	0.762607723º	1.290955938º	230.3452309	57.05425379	1.009046235	Total
1000	14312	2524358.184									
1000	14313	2524358.184									
1000	14314	2524358.184									
1000	14315	2524358.184									
1000	14316	2524358.184									
1000	14317	2524534.394	2199-11-02 21:27:15	0.730266929	1.311433071	0.695143376º	1.23206239º	225.4099454	60.806522	0.992938904	Total
1000	14318	2524534.394									
1000	14319	2524534.394									
1000	14320	2524534.394									
1000	14321	2524534.394									
1000	14322	2524534.394									
1000	14323	2524712.698	2200-04-30 04:44:45	0.737621271	1.304078729	0.710660848º	1.240430592º	228.8758476	60.05829514	1.006338666	Umbral
1000	14324	2524712.698									
1000	14325	2524712.698									
1000	14326	2524712.698									
1000	14327	2524712.698									
1000	14328	2524712.698									
1000	14329	2524859.43	2200-09-23 22:19:33	0.753757021	1.287942979	0.772139008º	1.303052226º	229.2543543	56.45895093	1.004171228	Grazing
1000	14330	2524859.43									
1000	14331	2524859.43									
1000	14332	2524859.43									
1000	14333	2524859.43									
1000	14334	2525037.205	2201-03-20 16:55:37	0.717275853	1.324424147	0.652566503º	1.188420562º	225.1510716	63.66127841	0.99491227	Penumbral
1000	14335	2525037.205									
1000	14336	2525037.205									
1000	14337	2525037.205									

1000	14338	2525037.205									
1000	14339	2525066.908	2201-04-19 09:46:51	0.723012767	1.318687233	0.66475822º	1.196136406º	227.3439616	62.97711542	1.003292554	Grazing
1000	14340	2525214.127	2201-09-13 15:03:16	0.755816904	1.285883096	0.778241279º	1.307653218º	229.9975054	56.16823145	1.007018804	Penumbral
1000	14341	2525214.127									
1000	14342	2525214.127									
1000	14343	2525214.127									
1000	14344	2525214.127									
1000	14345	2525243.468	2201-10-12 23:14:05	0.754661226	1.287038774	0.779914262º	1.313635717º	228.079312	55.96344163	0.998887665	Penumbral
1000	14346	2525391.203	2202-03-09 16:52:25	0.721263973	1.320436027	0.66663018º	1.204082056º	224.7355025	62.64763783	0.991954445	Umbral
1000	14347	2525391.203									
1000	14348	2525391.203									
1000	14349	2525391.203									
1000	14350	2525391.203									
1000	14351	2525568.754	2202-09-03 06:06:22	0.746465701	1.295234299	0.739952975º	1.267998852º	230.133704	58.35318386	1.009623976	Total
1000	14352	2525568.754									
1000	14353	2525568.754									
1000	14354	2525568.754									
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1000	14356	2525568.754									
1000	14357	2525745.431	2203-02-26 22:20:40	0.735439686	1.306260314	0.714933616º	1.253803737º	224.9583539	59.52123094	0.989343734	Total
1000	14358	2525745.431									
1000	14359	2525745.431									
1000	14360	2525745.431									
1000	14361	2525745.431									
1000	14362	2525923.136	2203-08-23 15:15:41	0.73198369	1.30971631	0.687456379º	1.214299729º	229.8865632	61.61928828	1.011928458	Total
1000	14363	2525923.136									
1000	14364	2525923.136									
1000	14365	2525923.136									
1000	14366	2525923.136									
1000	14367	2525923.136									
1000	14368	2526099.946	2204-02-16 10:41:42	0.748390065	1.293309935	0.763821497º	1.303885503º	225.1876811	56.66606168	0.987156656	Umbral
1000	14369	2526099.946									
1000	14370	2526099.946									
1000	14371	2526099.946									
1000	14372	2526099.946									
1000	14373	2526099.946									
1000	14374	2526247.606	2204-07-13 02:32:27	0.7243801	1.3173199	0.659675672º	1.184144953º	230.5853178	63.55960088	1.016509064	Grazing
1000	14375	2526247.606									
1000	14376	2526247.606									
1000	14377	2526247.606									
1000	14378	2526247.606									
1000	14379	2526277.235	2204-08-11 17:37:43	0.7232503	1.3184497	0.658067197º	1.183912418º	229.875726	63.62372221	1.013849241	Penumbral
1000	14380	2526425.149	2205-01-06 15:34:52	0.747062931	1.294637069	0.76137984º	1.303520617º	224.313485	56.74377871	0.983375169	Penumbral
1000	14381	2526425.149									

1000	14382	2526425.149									
1000	14383	2526425.149									
1000	14384	2526425.149									
1000	14385	2526454.6	2205-02-05 02:23:39	0.751079149	1.290620851	0.775645347º	1.316647329º	224.9398633	55.99892876	0.985445148	Penumbral
1000	14386	2526601.73	2205-07-02 05:30:33	0.734474463	1.307225537	0.692404974º	1.216897811º	231.1207609	61.37444806	1.016463409	Umbral
1000	14387	2526601.73									
1000	14388	2526601.73									
1000	14389	2526601.73									
1000	14390	2526631.271	2205-07-31 18:29:36	0.727732546	1.313967454	0.671114131º	1.196196545º	230.4808977	62.75824547	1.015322097	Grazing
1000	14391	2526779.645	2205-12-27 03:28:49	0.733198943	1.308501057	0.710984011º	1.252953276º	223.6189633	59.6679201	0.983686367	Umbral
1000	14392	2526779.645									
1000	14393	2526779.645									
1000	14394	2526779.645									
1000	14395	2526779.645									
1000	14396	2526956.145	2206-06-21 15:28:05	0.749250796	1.292449204	0.745456756º	1.270246836º	231.7891935	58.12740099	1.015887683	Total
1000	14397	2526956.145									
1000	14398	2526956.145									
1000	14399	2526956.145									
1000	14400	2526956.145									
1000	14401	2526956.145									
1000	14402	2527133.847	2206-12-16 08:19:26	0.718590579	1.323109421	0.662987384º	1.204456781º	222.9955989	62.75878768	0.984594478	Total
1000	14403	2527133.847									
1000	14404	2527133.847									
1000	14405	2527133.847									
1000	14406	2527133.847									
1000	14407	2527133.847									
1000	14408	2527310.797	2207-06-11 07:07:31	0.758101941	1.283598059	0.781215262º	1.306578541º	231.9541981	56.11602551	1.014779295	Umbral
1000	14409	2527310.797									
1000	14410	2527310.797									
1000	14411	2527310.797									
1000	14412	2527310.797									
1000	14413	2527310.797									
1000	14414	2527458.068	2207-11-05 13:38:25	0.720374767	1.321325233	0.663674329º	1.200842452º	224.7669762	62.85624861	0.992478434	Grazing
1000	14415	2527458.068									
1000	14416	2527458.068									
1000	14417	2527458.068									
1000	14418	2527487.823	2207-12-05 07:45:25	0.71480773	1.32689227	0.650594849º	1.191232789º	223.1057851	63.63366226	0.986108704	Umbral
1000	14419	2527636.159	2208-05-01 15:49:26	0.748383853	1.293316147	0.749190216º	1.278757393º	229.5974302	57.77689769	1.006723606	Penumbral
1000	14420	2527636.159									
1000	14421	2527636.159									
1000	14422	2527636.159									
1000	14423	2527636.159									
1000	14424	2527665.508	2208-05-31 00:10:57	0.755476909	1.286223091	0.771818276º	1.298010056º	231.461611	56.6043822	1.0131815	Penumbral
1000	14425	2527812.275	2208-10-24 18:36:35	0.735593997	1.306106003	0.711416804º	1.246977594º	226.2780422	59.83541985	0.995457075	Penumbral

1000	14426	2527812.275									
1000	14427	2527812.275									
1000	14428	2527812.275									
1000	14429	2527812.275									
1000	14430	2527841.876	2208-11-23 09:02:02	0.725313609	1.316386391	0.68200686º	1.221516724º	224.1093582	61.56568177	0.988170585	Penumbral
1000	14431	2527990.592	2209-04-21 02:12:40	0.732424541	1.309275459	0.694827168º	1.225951089º	227.9835913	61.00881698	1.00377286	Umbral
1000	14432	2527990.592									
1000	14433	2527990.592									
1000	14434	2527990.592									
1000	14435	2527990.592									
1000	14436	2528166.785	2209-10-14 06:50:04	0.750323229	1.291376771	0.762919637º	1.296827598º	227.8041145	56.88399133	0.998538732	Umbral
1000	14437	2528166.785									
1000	14438	2528166.785									
1000	14439	2528166.785									
1000	14440	2528166.785									
1000	14441	2528166.785									
1000	14442	2528344.718	2210-04-10 05:13:44	0.719976895	1.321723105	0.657156226º	1.189954819º	226.563576	63.44870998	1.00061784	Total
1000	14443	2528344.718									
1000	14444	2528344.718									
1000	14445	2528344.718									
1000	14446	2528344.718									
1000	14447	2528521.461	2210-10-03 23:04:00	0.755243164	1.286456836	0.780203698º	1.312496387º	228.7132248	55.98587061	1.001568853	Total
1000	14448	2528521.461									
1000	14449	2528521.461									
1000	14450	2528521.461									
1000	14451	2528521.461									
1000	14452	2528521.461									
1000	14453	2528698.71	2211-03-30 05:02:25	0.720524739	1.321175261	0.660792161º	1.195306792º	225.9073471	63.14122083	0.997405397	Umbral
1000	14454	2528698.71									
1000	14455	2528698.71									
1000	14456	2528698.71									
1000	14457	2528698.71									
1000	14458	2528698.71									
1000	14459	2528846.702	2211-08-25 04:51:08	0.742831147	1.298868853	0.725053043º	1.252042435º	230.4302245	59.26574392	1.011648026	Grazing
1000	14460	2528846.702									
1000	14461	2528846.702									
1000	14462	2528846.702									
1000	14463	2528846.702									
1000	14464	2528876.111	2211-09-23 14:40:06	0.748154946	1.293545054	0.750254393º	1.280985611º	229.017209	57.6833367	1.00451558	Umbral
1000	14465	2529023.336	2212-02-17 20:03:55	0.739471846	1.302228154	0.730521255º	1.27046536º	224.7497863	58.55996118	0.987375865	Penumbral
1000	14466	2529023.336									
1000	14467	2529023.336									
1000	14468	2529023.336									
1000	14469	2529023.336									

1000	14470	2529052.88	2212-03-18 09:06:33	0.733014552	1.308685448	0.703176428º	1.239346944º	225.9283415	60.32565525	0.994325055	Penumbral
1000	14471	2529201.002	2212-08-13 12:02:13	0.728786267	1.312913733	0.675743335º	1.201712906º	230.1236694	62.41853764	1.013609547	Penumbral
1000	14472	2529201.002									
1000	14473	2529201.002									
1000	14474	2529201.002									
1000	14475	2529230.55	2212-09-12 01:11:19	0.733954069	1.307745931	0.697363397º	1.226599075º	228.9117028	60.90705261	1.00735419	Grazing
1000	14476	2529377.906	2213-02-06 09:45:17	0.750206405	1.291493595	0.772042977º	1.312944454º	224.941232	56.19555439	0.985628253	Umbral
1000	14477	2529377.906									
1000	14478	2529377.906									
1000	14479	2529377.906									
1000	14480	2529377.906									
1000	14481	2529555.053	2213-08-02 13:16:20	0.723359835	1.318340165	0.657526995º	1.182698988º	230.1857103	63.68429236	1.015148913	Total
1000	14482	2529555.053									
1000	14483	2529555.053									
1000	14484	2529555.053									
1000	14485	2529555.053									
1000	14486	2529555.053									
1000	14487	2529732.563	2214-01-27 01:30:55	0.749306625	1.292393375	0.769396982º	1.311015755º	224.628715	56.31958334	0.984322929	Total
1000	14488	2529732.563									
1000	14489	2529732.563									
1000	14490	2529732.563									
1000	14491	2529732.563									
1000	14492	2529732.563									
1000	14493	2529909.13	2214-07-22 15:06:46	0.731328917	1.310371083	0.682208146º	1.206857931º	230.8684981	62.03358434	1.016159338	Total
1000	14494	2529909.13									
1000	14495	2529909.13									
1000	14496	2529909.13									
1000	14497	2529909.13									
1000	14498	2529909.13									
1000	14499	2530087.111	2215-01-16 14:40:10	0.737017602	1.304682398	0.724403481º	1.266450686º	223.7907211	58.8592816	0.983544926	Umbral
1000	14500	2530087.111									
1000	14501	2530087.111									
1000	14502	2530087.111									
1000	14503	2530087.111									
1000	14504	2530234.125	2215-06-12 15:00:00	0.75252391	1.28917609	0.758885968º	1.284186366º	231.7013758	57.34711213	1.014900769	Penumbral
1000	14505	2530234.125									
1000	14506	2530234.125									
1000	14507	2530234.125									
1000	14508	2530234.125									
1000	14509	2530263.48	2215-07-11 23:30:33	0.746336396	1.295363604	0.733925835º	1.258366942º	231.8250489	58.8119229	1.016563673	Penumbral
1000	14510	2530411.634	2215-12-07 03:12:22	0.716262559	1.325437441	0.655060309º	1.195826602º	223.1491928	63.32143695	0.985874647	Penumbral
1000	14511	2530411.634									
1000	14512	2530411.634									
1000	14513	2530411.634									

1000	14514	2530411.634									
1000	14515	2530441.385	2216-01-05 21:15:01	0.721177123	1.320522877	0.671854971º	1.213999891º	222.8617235	62.1447497	0.983367654	Grazing
1000	14516	2530588.811	2216-06-01 07:28:19	0.758351627	1.283348373	0.783374084º	1.309467407º	231.6332116	55.98056241	1.013371115	Umbral
1000	14517	2530588.811									
1000	14518	2530588.811									
1000	14519	2530588.811									
1000	14520	2530588.811									
1000	14521	2530618.097	2216-06-30 14:19:21	0.757410424	1.284289576	0.776979513º	1.301495216º	232.3317227	56.3679729	1.016419098	Grazing
1000	14522	2530765.599	2216-11-25 02:23:15	0.71689078	1.32480922	0.655899212º	1.195569243º	223.5726919	63.30115322	0.987877309	Umbral
1000	14523	2530765.599									
1000	14524	2530765.599									
1000	14525	2530765.599									
1000	14526	2530765.599									
1000	14527	2530943.501	2217-05-22 00:02:06	0.752312369	1.289387631	0.760628527º	1.287758699º	230.9032218	57.19844867	1.011377847	Total
1000	14528	2530943.501									
1000	14529	2530943.501									
1000	14530	2530943.501									
1000	14531	2530943.501									
1000	14532	2531119.728	2217-11-14 05:28:53	0.730383696	1.311316304	0.697285767º	1.235632873º	224.840815	60.62677344	0.990304902	Total
1000	14533	2531119.728									
1000	14534	2531119.728									
1000	14535	2531119.728									
1000	14536	2531119.728									
1000	14537	2531119.728									
1000	14538	2531298.004	2218-05-11 12:06:07	0.737453811	1.304246189	0.708116616º	1.236494063º	229.4926336	60.25853576	1.008990411	Umbral
1000	14539	2531298.004									
1000	14540	2531298.004									
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1000	14542	2531298.004									
1000	14543	2531298.004									
1000	14544	2531444.764	2218-10-05 06:19:51	0.753412646	1.288287354	0.773109425º	1.305615146º	228.5457067	56.363165	1.00116817	Grazing
1000	14545	2531444.764									
1000	14546	2531444.764									
1000	14547	2531444.764									
1000	14548	2531444.764									
1000	14549	2531474.167	2218-11-03 16:00:29	0.746313032	1.295386968	0.751633715º	1.288541831º	226.3624868	57.43171066	0.99295906	Umbral
1000	14550	2531622.513	2219-04-01 00:18:05	0.718060763	1.323639237	0.653031442º	1.187266218º	225.8608575	63.68467572	0.997927881	Penumbral
1000	14551	2531622.513									
1000	14552	2531622.513									
1000	14553	2531622.513									
1000	14554	2531652.202	2219-04-30 16:51:00	0.723362289	1.318337711	0.663878776º	1.193701144º	228.0367381	63.08929435	1.006238712	Grazing
1000	14555	2531799.456	2219-09-24 22:56:51	0.754803785	1.286896215	0.776403451º	1.307337413º	229.2860661	56.2267882	1.004131993	Penumbral
1000	14556	2531799.456									
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1000	14558	2531799.456									
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1000	14560	2531828.813	2219-10-24 07:30:10	0.753992601	1.287707399	0.779523168º	1.314891936º	227.3668873	55.9406763	0.995814119	Penumbral
1000	14561	2531976.523	2220-03-20 00:32:39	0.72271865	1.31898135	0.669379803º	1.205294119º	225.4340603	62.51444134	0.994800404	Umbral
1000	14562	2531976.523									
1000	14563	2531976.523									
1000	14564	2531976.523									
1000	14565	2531976.523									
1000	14566	2532154.068	2220-09-13 13:37:44	0.74491365	1.29678635	0.736187542º	1.265620585º	229.4387621	58.53306	1.006978662	Umbral
1000	14567	2532154.068									
1000	14568	2532154.068									
1000	14569	2532154.068									
1000	14570	2532154.068									
1000	14571	2532154.068									
1000	14572	2532330.772	2221-03-09 06:32:15	0.736968272	1.304731728	0.718542383º	1.256024997º	225.5943727	59.34468717	0.991897717	Total
1000	14573	2532330.772									
1000	14574	2532330.772									
1000	14575	2532330.772									
1000	14576	2532330.772									
1000	14577	2532330.772									
1000	14578	2532508.427	2221-09-02 22:14:16	0.73047217	1.31122783	0.684112592º	1.212138242º	229.2641372	61.79897568	1.009662651	Total
1000	14579	2532508.427									
1000	14580	2532508.427									
1000	14581	2532508.427									
1000	14582	2532508.427									
1000	14583	2532685.304	2222-02-26 19:17:12	0.749386559	1.292313441	0.766116617º	1.305012144º	225.7074193	56.57193672	0.989297093	Umbral
1000	14584	2532685.304									
1000	14585	2532685.304									
1000	14586	2532685.304									
1000	14587	2532685.304									
1000	14588	2532685.304									
1000	14589	2532832.874	2222-07-24 08:59:02	0.724507673	1.317192327	0.660455091º	1.185148814º	230.4688448	63.49810363	1.016074245	Grazing
1000	14590	2532832.874									
1000	14591	2532832.874									
1000	14592	2532832.874									
1000	14593	2532832.874									
1000	14594	2532862.509	2222-08-23 00:12:28	0.722504687	1.319195313	0.657091065º	1.183862263º	229.3872927	63.6595737	1.01206706	Total Penumbral
1000	14595	2533010.516	2223-01-18 00:22:52	0.746622349	1.295077651	0.759482923º	1.301515713º	224.3483487	56.8514245	0.983571082	Penumbral
1000	14596	2533010.516									
1000	14597	2533010.516									
1000	14598	2533010.516									
1000	14599	2533010.516									
1000	14600	2533039.964	2223-02-16 11:08:01	0.751308365	1.290391635	0.775262542º	1.315346214º	225.3280765	56.04391094	0.987120711	Penumbral
1000	14601	2533187.013	2223-07-13 12:18:05	0.735393982	1.306306018	0.695471065º	1.219903717º	231.1866713	61.17939494	1.016580061	Penumbral

1000	14602	2533187.013									
1000	14603	2533187.013									
1000	14604	2533187.013									
1000	14605	2533187.013									
1000	14606	2533216.548	2223-08-12 01:09:22	0.727965983	1.313734017	0.672889586º	1.1986581º	230.1558146	62.61602399	1.013997156	Grazing
1000	14607	2533364.999	2224-01-07 11:59:14	0.732280047	1.309419953	0.708071043º	1.250225723º	223.4952386	59.84025381	0.983349951	Umbral
1000	14608	2533364.999									
1000	14609	2533364.999									
1000	14610	2533364.999									
1000	14611	2533541.447	2224-07-01 22:43:10	0.750241543	1.291458457	0.748711522º	1.273191775º	231.992969	57.9486797	1.0164878	Total
1000	14612	2533541.447									
1000	14613	2533541.447									
1000	14614	2533541.447									
1000	14615	2533541.447									
1000	14616	2533541.447									
1000	14617	2533719.185	2224-12-26 16:25:50	0.717775326	1.323924674	0.661062628º	1.203011773º	222.7550483	62.8726794	0.983722887	Total
1000	14618	2533719.185									
1000	14619	2533719.185									
1000	14620	2533719.185									
1000	14621	2533719.185									
1000	14622	2533719.185									
1000	14623	2533896.11	2225-06-21 14:38:18	0.758600236	1.283099764	0.782306022º	1.307121382º	232.250252	56.07192091	1.015838748	Umbral
1000	14624	2533896.11									
1000	14625	2533896.11									
1000	14626	2533896.11									
1000	14627	2533896.11									
1000	14628	2533896.11									
1000	14629	2534073.154	2225-12-15 15:41:50	0.714571623	1.327128377	0.650782685º	1.192189478º	222.7832653	63.59428434	0.984708327	Umbral
1000	14630	2534073.154									
1000	14631	2534073.154									
1000	14632	2534073.154									
1000	14633	2534073.154									
1000	14634	2534073.154									
1000	14635	2534221.477	2226-05-12 23:27:09	0.748307739	1.293392261	0.746850466º	1.27507444º	230.2120194	57.94904059	1.00928357	Penumbral
1000	14636	2534221.477									
1000	14637	2534221.477									
1000	14638	2534221.477									
1000	14639	2534250.82	2226-06-11 07:41:31	0.755373755	1.286326245	0.770095891º	1.29549198º	231.839333	56.72064462	1.014715924	Penumbral
1000	14640	2534397.61	2226-11-05 02:38:20	0.735689604	1.306010396	0.713725201º	1.250805072º	225.6526461	59.6485074	0.992641518	Penumbral
1000	14641	2534397.61									
1000	14642	2534397.61									
1000	14643	2534397.61									
1000	14644	2534397.61									
1000	14645	2534427.216	2226-12-04 17:10:25	0.725548666	1.316151334	0.684003782º	1.224569811º	223.7073365	61.40268537	0.986239883	Penumbral

1000	14646	2534575.898	2227-05-02 09:33:00	0.732377608	1.309322392	0.6926283º	1.222237458º	228.647635	61.19721113	1.006643805	Umbral
1000	14647	2534575.898									
1000	14648	2534575.898									
1000	14649	2534575.898									
1000	14650	2534575.898									
1000	14651	2534752.127	2227-10-25 15:02:39	0.750105587	1.291594413	0.764331876º	1.299860639º	227.1159747	56.76162103	0.995516607	Umbral
1000	14652	2534752.127									
1000	14653	2534752.127									
1000	14654	2534752.127									
1000	14655	2534752.127									
1000	14656	2534752.127									
1000	14657	2534930.015	2228-04-20 12:21:13	0.720584107	1.321115893	0.65701547º	1.188203721º	227.2875313	63.51342151	1.003651297	Total
1000	14658	2534930.015									
1000	14659	2534930.015									
1000	14660	2534930.015									
1000	14661	2534930.015									
1000	14662	2534930.015									
1000	14663	2535106.801	2228-10-14 07:12:46	0.754360129	1.287339871	0.778989242º	1.312926576º	227.9783577	56.00730935	0.998483799	Total
1000	14664	2535106.801									
1000	14665	2535106.801									
1000	14666	2535106.801									
1000	14667	2535106.801									
1000	14668	2535284.015	2229-04-09 12:22:06	0.721935713	1.319764287	0.66317334º	1.196055567º	226.6685203	63.03414732	1.000460797	Umbral
1000	14669	2535284.015									
1000	14670	2535284.015									
1000	14671	2535284.015									
1000	14672	2535284.015									
1000	14673	2535284.015									
1000	14674	2535432.007	2229-09-04 12:10:04	0.741261695	1.300438305	0.721174816º	1.249402881º	229.7933342	59.46257127	1.009275753	Grazing
1000	14675	2535432.007									
1000	14676	2535432.007									
1000	14677	2535432.007									
1000	14678	2535432.007									
1000	14679	2535461.437	2229-10-03 22:29:31	0.746631086	1.295068914	0.746732957º	1.279059059º	228.2552447	57.83923814	1.001505987	Umbral
1000	14680	2535608.686	2230-02-28 04:27:23	0.740833036	1.300866964	0.733904708º	1.272625297º	225.3031262	58.39747069	0.989618346	Penumbral
1000	14681	2535608.686									
1000	14682	2535608.686									
1000	14683	2535608.686									
1000	14684	2535608.686									
1000	14685	2535638.207	2230-03-29 16:57:52	0.734709718	1.306990282	0.706932891º	1.241506913º	226.6780081	60.14158121	0.997294586	Penumbral
1000	14686	2535786.284	2230-08-24 18:48:43	0.727495688	1.314204312	0.672972221º	1.199934976º	229.5927363	62.5708243	1.011699163	Penumbral
1000	14687	2535786.284									
1000	14688	2535786.284									
1000	14689	2535786.284									

1000	14690	2535786.284									
1000	14691	2535815.853	2230-09-23 08:28:44	0.732255836	1.309444164	0.693660077º	1.224376685º	228.1660184	61.09611274	1.004543233	Grazing
1000	14692	2535963.269	2231-02-17 18:27:55	0.750922865	1.290777135	0.773566559º	1.313495124º	225.3625144	56.13933778	0.987404284	Umbral
1000	14693	2535963.269									
1000	14694	2535963.269									
1000	14695	2535963.269									
1000	14696	2536140.324	2231-08-13 19:46:42	0.722990104	1.318709896	0.657425615º	1.18334162º	229.8115617	63.66575505	1.013712783	Umbral
1000	14697	2536140.324									
1000	14698	2536140.324									
1000	14699	2536140.324									
1000	14700	2536140.324									
1000	14701	2536140.324									
1000	14702	2536317.929	2232-02-07 10:17:14	0.749252016	1.292447984	0.768242996º	1.309139512º	224.9074949	56.40174334	0.985637293	Total
1000	14703	2536317.929									
1000	14704	2536317.929									
1000	14705	2536317.929									
1000	14706	2536317.929									
1000	14707	2536317.929									
1000	14708	2536494.41	2232-08-01 21:50:44	0.731860939	1.309839061	0.684656548º	1.209788815º	230.6685065	61.85715277	1.015225707	Total
1000	14709	2536494.41									
1000	14710	2536494.41									
1000	14711	2536494.41									
1000	14712	2536494.41									
1000	14713	2536494.41									
1000	14714	2536672.469	2233-01-26 23:14:45	0.736410575	1.305289425	0.721775952º	1.263401309º	223.9150895	59.02788793	0.984310963	Umbral
1000	14715	2536672.469									
1000	14716	2536672.469									
1000	14717	2536672.469									
1000	14718	2536672.469									
1000	14719	2536672.469									
1000	14720	2536819.432	2233-06-22 22:22:10	0.753493626	1.288206374	0.76180019º	1.286555956º	232.010734	57.19871191	1.015954111	Penumbral
1000	14721	2536819.432									
1000	14722	2536819.432									
1000	14723	2536819.432									
1000	14724	2536848.778	2233-07-22 06:40:27	0.747127719	1.294572281	0.737150944º	1.261793726º	231.7748857	58.61581756	1.016172901	Penumbral
1000	14725	2536996.966	2233-12-17 11:11:25	0.715492994	1.326207006	0.653583503º	1.195111631º	222.8110336	63.39694341	0.984487693	Penumbral
1000	14726	2536996.966									
1000	14727	2536996.966									
1000	14728	2536996.966									
1000	14729	2536996.966									
1000	14730	2537026.728	2234-01-16 05:28:18	0.720547958	1.321152042	0.669793038º	1.211855264º	222.8583587	62.28400802	0.983517671	Grazing
1000	14731	2537174.127	2234-06-12 15:02:41	0.758742732	1.282957268	0.783699517º	1.308994421º	232.0242889	55.98432277	1.014911384	Umbral
1000	14732	2537174.127									
1000	14733	2537174.127									

1000	14734	2537174.127									
1000	14735	2537174.127									
1000	14736	2537203.407	2234-07-11 21:45:55	0.757820344	1.283879656	0.778530068º	1.302963073º	232.3865722	56.28603237	1.016579377	Grazing
1000	14737	2537350.929	2234-12-06 10:18:13	0.716749248	1.324950752	0.656616773º	1.197330264º	223.1625586	63.21663175	0.98597092	Umbral
1000	14738	2537350.929									
1000	14739	2537350.929									
1000	14740	2537350.929									
1000	14741	2537350.929									
1000	14742	2537528.814	2235-06-02 07:32:46	0.752152637	1.289547363	0.758444398º	1.284525122º	231.3667833	57.35020508	1.013395384	Total
1000	14743	2537528.814									
1000	14744	2537528.814									
1000	14745	2537528.814									
1000	14746	2537528.814									
1000	14747	2537705.069	2235-11-25 13:38:52	0.730595646	1.311104354	0.699503052º	1.239120264º	224.3551424	60.44829573	0.987974005	Total
1000	14748	2537705.069									
1000	14749	2537705.069									
1000	14750	2537705.069									
1000	14751	2537705.069									
1000	14752	2537705.069									
1000	14753	2537883.305	2236-05-21 19:19:08	0.737201266	1.304498734	0.70549412º	1.232641501º	230.0387317	60.45998432	1.01134483	Umbral
1000	14754	2537883.305									
1000	14755	2537883.305									
1000	14756	2537883.305									
1000	14757	2537883.305									
1000	14758	2537883.305									
1000	14759	2538030.103	2236-10-15 14:28:21	0.753020917	1.288679083	0.773906038º	1.308028002º	227.8322139	56.27648214	0.998138654	Grazing
1000	14760	2538030.103									
1000	14761	2538030.103									
1000	14762	2538030.103									
1000	14763	2538030.103									
1000	14764	2538059.517	2236-11-14 00:24:16	0.746289501	1.295410499	0.753468392º	1.291795953º	225.7783453	57.28885052	0.990340857	Umbral
1000	14765	2538207.814	2237-04-11 07:31:29	0.718915201	1.322784799	0.653625599º	1.186260496º	226.5964152	63.69845111	1.000925363	Penumbral
1000	14766	2538207.814									
1000	14767	2538207.814									
1000	14768	2538207.814									
1000	14769	2538207.814									
1000	14770	2538237.49	2237-05-10 23:46:13	0.723689765	1.318010235	0.663023778º	1.191473538º	228.6859716	63.19400076	1.008852342	Penumbral
1000	14771	2538384.79	2237-10-05 06:57:20	0.753722322	1.287977678	0.774411036º	1.306915135º	228.5463304	56.29255469	1.00117122	Penumbral
1000	14772	2538384.79									
1000	14773	2538384.79									
1000	14774	2538384.79									
1000	14775	2538414.162	2237-11-03 15:53:54	0.753322431	1.288377569	0.779028141º	1.315923778º	226.6924707	55.92668283	0.992982139	Penumbral
1000	14776	2538561.837	2238-03-31 08:05:35	0.724260802	1.317439198	0.672283758º	1.206624088º	226.1808697	62.37273774	0.997730751	Umbral
1000	14777	2538561.837									

1000	14778	2538561.837									
1000	14779	2538561.837									
1000	14780	2538561.837									
1000	14781	2538739.385	2238-09-24 21:14:51	0.743290972	1.298409028	0.732382036º	1.263290887º	228.6927428	58.71382197	1.004179488	Umbral
1000	14782	2538739.385									
1000	14783	2538739.385									
1000	14784	2538739.385									
1000	14785	2538739.385									
1000	14786	2538739.385									
1000	14787	2538916.109	2239-03-20 14:37:36	0.738570675	1.303129325	0.722243071º	1.258222984º	226.2977142	59.16710038	0.994678653	Total
1000	14788	2538916.109									
1000	14789	2538916.109									
1000	14790	2538916.109									
1000	14791	2538916.109									
1000	14792	2538916.109									
1000	14793	2539093.721	2239-09-14 05:18:00	0.728898056	1.312801944	0.680803178º	1.210197877º	228.5689776	61.97137534	1.007051598	Total
1000	14794	2539093.721									
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1000	14797	2539093.721									
1000	14798	2539093.721									
1000	14799	2539270.658	2240-03-09 03:46:58	0.750445553	1.291254447	0.768423026º	1.30591242º	226.3124992	56.48393396	0.991885205	Umbral
1000	14800	2539270.658									
1000	14801	2539270.658									
1000	14802	2539270.658									
1000	14803	2539270.658									
1000	14804	2539418.145	2240-08-03 15:28:33	0.724523743	1.317176257	0.66122852º	1.186475742º	230.2202159	63.42591515	1.015003516	Grazing
1000	14805	2539418.145									
1000	14806	2539418.145									
1000	14807	2539418.145									
1000	14808	2539418.145									
1000	14809	2539447.787	2240-09-02 06:52:52	0.721691525	1.320008475	0.656141408º	1.184119199º	228.804794	63.68397972	1.009754174	Umbral
1000	14810	2539595.881	2241-01-28 09:09:01	0.746292989	1.295407011	0.757654867º	1.299195143º	224.5096878	56.96623257	0.984465608	Penumbral
1000	14811	2539595.881									
1000	14812	2539595.881									
1000	14813	2539595.881									
1000	14814	2539595.881									
1000	14815	2539625.324	2241-02-26 19:47:04	0.751609274	1.290090726	0.774864965º	1.313730206º	225.817872	56.09776474	0.989352694	Penumbral
1000	14816	2539772.297	2241-07-23 19:08:12	0.736170813	1.305529187	0.698445916º	1.223149366º	231.1151162	60.98094955	1.016055407	Penumbral
1000	14817	2539772.297									
1000	14818	2539772.297									
1000	14819	2539772.297									
1000	14820	2539772.297									
1000	14821	2539801.83	2241-08-22 07:55:09	0.728096348	1.313603652	0.674636517º	1.2013733º	229.7180913	62.46701614	1.012133184	Grazing

1000	14822	2539950.353	2242-01-17 20:28:53	0.73151308	1.31018692	0.705332728º	1.247331882º	223.5011576	60.0132324	0.983632122	Umbral
1000	14823	2539950.353									
1000	14824	2539950.353									
1000	14825	2539950.353									
1000	14826	2539950.353									
1000	14827	2540126.749	2242-07-13 05:59:01	0.751062402	1.290637598	0.751766894º	1.27621552º	232.0584351	57.77456971	1.016549098	Total
1000	14828	2540126.749									
1000	14829	2540126.749									
1000	14830	2540126.749									
1000	14831	2540126.749									
1000	14832	2540304.523	2243-01-07 00:33:27	0.717154259	1.324545741	0.659383664º	1.201532335º	222.644442	62.97972594	0.98336085	Total
1000	14833	2540304.523									
1000	14834	2540304.523									
1000	14835	2540304.523									
1000	14836	2540304.523									
1000	14837	2540304.523									
1000	14838	2540481.422	2243-07-02 22:07:28	0.758921576	1.282778424	0.783130614º	1.307610054º	232.4130364	56.03654072	1.016489374	Total
1000	14839	2540481.422									
1000	14840	2540481.422									
1000	14841	2540481.422									
1000	14842	2540481.422									
1000	14843	2540481.422									
1000	14844	2540658.488	2243-12-26 23:42:21	0.714530663	1.327169337	0.651200804º	1.193146026º	222.5854084	63.54693131	0.983730009	Umbral
1000	14845	2540658.488									
1000	14846	2540658.488									
1000	14847	2540658.488									
1000	14848	2540658.488									
1000	14849	2540658.488									
1000	14850	2540806.79	2244-05-23 06:57:24	0.748121528	1.293578472	0.744362649º	1.271355036º	230.7507213	58.12757467	1.011642277	Penumbral
1000	14851	2540806.79									
1000	14852	2540806.79									
1000	14853	2540806.79									
1000	14854	2540806.79									
1000	14855	2540836.131	2244-06-21 15:08:02	0.755105132	1.286594868	0.768135132º	1.292941456º	232.0925746	56.84492259	1.015856239	Penumbral
1000	14856	2540982.951	2244-11-15 10:48:59	0.735845697	1.305854303	0.716035407º	1.254546334º	225.0923035	59.46528809	0.99000364	Penumbral
1000	14857	2540982.951									
1000	14858	2540982.951									
1000	14859	2540982.951									
1000	14860	2541012.559	2244-12-15 01:25:00	0.725928421	1.315771579	0.686149632º	1.227535443º	223.4182085	61.23850848	0.984746491	Penumbral
1000	14861	2541161.197	2245-05-12 16:44:14	0.732278568	1.309421432	0.690396599º	1.21862701º	229.262855	61.38454493	1.009271269	Umbral
1000	14862	2541161.197									
1000	14863	2541161.197									
1000	14864	2541161.197									
1000	14865	2541161.197									

1000	14866	2541190.682	2245-06-11 04:22:34	0.741636976	1.300063024	0.718445931º	1.243837851º	231.099227	59.71370534	1.014723975	Grazing
1000	14867	2541337.475	2245-11-04 23:23:34	0.749892771	1.291807229	0.765634498º	1.302702829º	226.4683976	56.64800258	0.992662844	Umbral
1000	14868	2541337.475									
1000	14869	2541337.475									
1000	14870	2541337.475									
1000	14871	2541337.475									
1000	14872	2541515.305	2246-05-01 19:19:40	0.721201501	1.320498499	0.65695652º	1.186638699º	227.9903363	63.56903638	1.00650503	Total
1000	14873	2541515.305									
1000	14874	2541515.305									
1000	14875	2541515.305									
1000	14876	2541515.305									
1000	14877	2541515.305									
1000	14878	2541692.145	2246-10-25 15:29:06	0.753455148	1.288244852	0.777651177º	1.313182678º	227.2609779	56.03674747	0.995511517	Total
1000	14879	2541692.145									
1000	14880	2541692.145									
1000	14881	2541692.145									
1000	14882	2541692.145									
1000	14883	2541692.145									
1000	14884	2541869.315	2247-04-20 19:34:05	0.723386235	1.318313765	0.66568569º	1.196978946º	227.4338894	62.91709355	1.003452938	Umbral
1000	14885	2541869.315									
1000	14886	2541869.315									
1000	14887	2541869.315									
1000	14888	2541869.315									
1000	14889	2542017.315	2247-09-15 19:33:57	0.739608745	1.302091255	0.717272801º	1.246872159º	229.0858767	59.65815807	1.006662432	Grazing
1000	14890	2542017.315									
1000	14891	2542017.315									
1000	14892	2542017.315									
1000	14893	2542017.315									
1000	14894	2542046.768	2247-10-15 06:25:46	0.745079923	1.296620077	0.743174764º	1.277118167º	227.4871318	57.99746082	0.99847245	Umbral
1000	14895	2542194.031	2248-03-10 12:45:14	0.742276086	1.299423914	0.737365305º	1.274686828º	225.9397491	58.2364499	0.992195091	Penumbral
1000	14896	2542194.031									
1000	14897	2542194.031									
1000	14898	2542194.031									
1000	14899	2542194.031									
1000	14900	2542223.529	2248-04-09 00:42:20	0.73643956	1.30526044	0.710774455º	1.243725477º	227.454693	59.95420105	1.000331655	Penumbral
1000	14901	2542371.569	2248-09-04 01:39:43	0.726130173	1.315569827	0.670239564º	1.198413592º	228.9708481	62.71399596	1.00937901	Penumbral
1000	14902	2542371.569									
1000	14903	2542371.569									
1000	14904	2542371.569									
1000	14905	2542371.569									
1000	14906	2542401.162	2248-10-03 15:52:37	0.730537364	1.311162636	0.690017091º	1.222312173º	227.3911086	61.27936854	1.00156435	Penumbral
1000	14907	2542548.629	2249-02-28 03:05:31	0.751712622	1.289987378	0.775072708º	1.313784613º	225.8832895	56.09067099	0.989634298	Umbral
1000	14908	2542548.629									
1000	14909	2542548.629									

1000	14910	2542548.629									
1000	14911	2542548.629									
1000	14912	2542725.599	2249-08-24 02:22:09	0.72253485	1.31916515	0.657367606º	1.184264429º	229.3275961	63.63609312	1.01182576	Umbral
1000	14913	2542725.599									
1000	14914	2542725.599									
1000	14915	2542725.599									
1000	14916	2542725.599									
1000	14917	2542903.291	2250-02-17 18:59:07	0.749285492	1.292414508	0.767068197º	1.306981874º	225.2988699	56.49232749	0.987431511	Total
1000	14918	2542903.291									
1000	14919	2542903.291									
1000	14920	2542903.291									
1000	14921	2542903.291									
1000	14922	2542903.291									
1000	14923	2543079.694	2250-08-13 04:39:46	0.732268957	1.309431043	0.687064809º	1.212935097º	230.3436951	61.67609452	1.013800914	Total
1000	14924	2543079.694									
1000	14925	2543079.694									
1000	14926	2543079.694									
1000	14927	2543079.694									
1000	14928	2543079.694									
1000	14929	2543257.823	2251-02-07 07:45:36	0.735933737	1.305766263	0.719254247º	1.260160699º	224.1623965	59.19994229	0.985619188	Umbral
1000	14930	2543257.823									
1000	14931	2543257.823									
1000	14932	2543257.823									
1000	14933	2543257.823									
1000	14934	2543257.823									
1000	14935	2543404.739	2251-07-04 05:43:39	0.754293534	1.287406466	0.764489109º	1.288964077º	232.186544	57.05634563	1.01649804	Grazing
1000	14936	2543404.739									
1000	14937	2543404.739									
1000	14938	2543404.739									
1000	14939	2543404.739									
1000	14940	2543434.079	2251-08-02 13:53:46	0.747755137	1.293944863	0.740194011º	1.265320084º	231.5888546	58.42349875	1.015237684	Umbral
1000	14941	2543582.301	2251-12-28 19:13:24	0.714918618	1.326781382	0.65237794º	1.194368886º	222.5978882	63.46414636	0.983647018	Penumbral
1000	14942	2543582.301									
1000	14943	2543582.301									
1000	14944	2543582.301									
1000	14945	2543612.069	2252-01-27 13:39:21	0.720103729	1.321596271	0.667978113º	1.209616151º	222.9859494	62.41870427	0.98428792	Grazing
1000	14946	2543759.44	2252-06-22 22:34:03	0.758964396	1.282735604	0.783725388º	1.308488012º	232.2905866	55.99707904	1.015940834	Umbral
1000	14947	2543759.44									
1000	14948	2543759.44									
1000	14949	2543759.44									
1000	14950	2543759.44									
1000	14951	2543788.718	2252-07-22 05:13:29	0.758047842	1.283652158	0.779771586º	1.304437008º	232.3015124	56.21259524	1.01612905	Grazing
1000	14952	2543936.263	2252-12-16 18:18:55	0.716783845	1.324916155	0.657576713º	1.19904497º	222.8682325	63.12556171	0.98459655	Umbral
1000	14953	2543936.263									

1000	14954	2543936.263									
1000	14955	2543936.263									
1000	14956	2543936.263									
1000	14957	2544114.124	2253-06-12 14:58:01	0.75184303	1.28985697	0.75601507º	1.281318278º	231.7181829	57.50901928	1.014895339	Total
1000	14958	2544114.124									
1000	14959	2544114.124									
1000	14960	2544114.124									
1000	14961	2544114.124									
1000	14962	2544114.124									
1000	14963	2544290.414	2253-12-05 21:56:06	0.730922095	1.310777905	0.701824246º	1.242488447º	223.9693896	60.27127811	0.986060806	Total
1000	14964	2544290.414									
1000	14965	2544290.414									
1000	14966	2544290.414									
1000	14967	2544290.414									
1000	14968	2544290.414									
1000	14969	2544468.6	2254-06-02 02:24:42	0.736844132	1.304855868	0.702797049º	1.228899018º	230.4932307	60.66171986	1.013354462	Umbral
1000	14970	2544468.6									
1000	14971	2544468.6									
1000	14972	2544468.6									
1000	14973	2544468.6									
1000	14974	2544644.872	2254-11-25 08:55:27	0.746321062	1.295378938	0.755240419º	1.294855693º	225.2741918	57.15384713	0.987977551	Umbral
1000	14975	2544644.872									
1000	14976	2544644.872									
1000	14977	2544644.872									
1000	14978	2544644.872									
1000	14979	2544644.872									
1000	14980	2544793.108	2255-04-22 14:35:59	0.719810116	1.321889884	0.654367496º	1.185398541º	227.3331904	63.7021104	1.003948419	Penumbral
1000	14981	2544793.108									
1000	14982	2544793.108									
1000	14983	2544793.108									
1000	14984	2544793.108									
1000	14985	2544822.773	2255-05-22 06:33:23	0.723970777	1.317729223	0.662243061º	1.189423768º	229.2682166	63.29044737	1.011280896	Penumbral
1000	14986	2544970.129	2255-10-16 15:05:03	0.752599782	1.289100218	0.772257469º	1.306408582º	227.8028995	56.36516349	0.998084185	Penumbral
1000	14987	2544970.129									
1000	14988	2544970.129									
1000	14989	2544970.129									
1000	14990	2544970.129									
1000	14991	2544999.517	2255-11-15 00:24:52	0.752675669	1.289024331	0.778402269º	1.316762994º	226.0780511	55.92133302	0.99027985	Penumbral
1000	14992	2545147.147	2256-04-10 15:31:08	0.725860633	1.315839367	0.675357714º	1.208058562º	226.9529186	62.22256245	1.000801443	Umbral
1000	14993	2545147.147									
1000	14994	2545147.147									
1000	14995	2545147.147									
1000	14996	2545324.707	2256-10-05 04:58:20	0.741626064	1.300073936	0.728527881º	1.261042409º	227.919569	58.89477279	1.001151611	Umbral
1000	14997	2545324.707									

1000	14998	2545324.707									
1000	14999	2545324.707									
1000	15000	2545324.707									
1000	15001	2545324.707									
1000	15002	2545501.442	2257-03-30 22:36:17	0.740219948	1.301480052	0.726019259º	1.260408619º	227.0474381	58.98866982	0.997639208	Total
1000	15003	2545501.442									
1000	15004	2545501.442									
1000	15005	2545501.442									
1000	15006	2545501.442									
1000	15007	2545501.442									
1000	15008	2545679.019	2257-09-24 12:27:51	0.727288932	1.314411068	0.677578777º	1.2084408º	227.8237352	62.13590677	1.004268067	Total
1000	15009	2545679.019									
1000	15010	2545679.019									
1000	15011	2545679.019									
1000	15012	2545679.019									
1000	15013	2545679.019									
1000	15014	2545856.007	2258-03-20 12:10:14	0.751544485	1.290155515	0.77066004º	1.306661922º	226.9843446	56.40217512	0.994637883	Umbral
1000	15015	2545856.007									
1000	15016	2545856.007									
1000	15017	2545856.007									
1000	15018	2545856.007									
1000	15019	2545856.007									
1000	15020	2546003.418	2258-08-14 22:02:30	0.724437294	1.317262706	0.662054305º	1.188052709º	229.8491469	63.34357147	1.013553985	Grazing
1000	15021	2546003.418									
1000	15022	2546003.418									
1000	15023	2546003.418									
1000	15024	2546033.07	2258-09-13 13:40:07	0.720833529	1.320866471	0.655298277º	1.184595162º	228.1487454	63.69713865	1.007237702	Umbral
1000	15025	2546181.244	2259-02-08 17:51:46	0.746067994	1.295632006	0.75581976º	1.296633398º	224.7917909	57.0883652	0.985788339	Penumbral
1000	15026	2546181.244									
1000	15027	2546181.244									
1000	15028	2546181.244									
1000	15029	2546181.244									
1000	15030	2546210.68	2259-03-10 04:19:46	0.751963269	1.289736731	0.774374705º	1.311877589º	226.3933823	56.16056966	0.991860313	Penumbral
1000	15031	2546357.585	2259-08-04 02:02:16	0.736806502	1.304893498	0.701368012º	1.226565182º	230.9102619	60.78014122	1.015100248	Penumbral
1000	15032	2546357.585									
1000	15033	2546357.585									
1000	15034	2546357.585									
1000	15035	2546357.585									
1000	15036	2546387.117	2259-09-02 14:48:12	0.72813932	1.31356068	0.676391603º	1.20427952º	229.184713	62.31215499	1.009926086	Penumbral
1000	15037	2546535.706	2260-01-29 04:56:05	0.730896789	1.310803211	0.702742499º	1.244291755º	223.6353944	60.18707501	0.984449284	Umbral
1000	15038	2546535.706									
1000	15039	2546535.706									
1000	15040	2546535.706									
1000	15041	2546535.706									

1000	15042	2546712.053	2260-07-23 13:16:52	0.751710428	1.289989572	0.754606187º	1.279305108º	231.9844326	57.6058404	1.016064178	Total
1000	15043	2546712.053									
1000	15044	2546712.053									
1000	15045	2546712.053									
1000	15046	2546712.053									
1000	15047	2546712.053									
1000	15048	2546889.862	2261-01-17 08:40:36	0.716731367	1.324968633	0.657984551º	1.199976833º	222.6664054	63.08008963	0.983644593	Total
1000	15049	2546889.862									
1000	15050	2546889.862									
1000	15051	2546889.862									
1000	15052	2546889.862									
1000	15053	2547066.733	2261-07-13 05:36:12	0.759060184	1.282639816	0.783626841º	1.308099631º	232.4368647	56.01007202	1.016502264	Total
1000	15054	2547066.733									
1000	15055	2547066.733									
1000	15056	2547066.733									
1000	15057	2547066.733									
1000	15058	2547066.733									
1000	15059	2547243.823	2262-01-06 07:45:20	0.714692841	1.327007159	0.651906595º	1.194041592º	222.5183986	63.4917206	0.983385653	Umbral
1000	15060	2547243.823									
1000	15061	2547243.823									
1000	15062	2547243.823									
1000	15063	2547243.823									
1000	15064	2547243.823									
1000	15065	2547392.098	2262-06-03 14:21:00	0.74780613	1.29389387	0.741675892º	1.267676361º	231.1930297	58.3118775	1.013550005	Penumbral
1000	15066	2547392.098									
1000	15067	2547392.098									
1000	15068	2547392.098									
1000	15069	2547392.098									
1000	15070	2547421.439	2262-07-02 22:31:37	0.754662548	1.287037452	0.765907774º	1.290407126º	232.2113791	56.976771	1.016450784	Penumbral
1000	15071	2547568.297	2262-11-26 19:07:39	0.736084155	1.305615845	0.718397889º	1.258140697º	224.6161954	59.28598123	0.987744106	Penumbral
1000	15072	2547568.297									
1000	15073	2547568.297									
1000	15074	2547568.297									
1000	15075	2547568.297									
1000	15076	2547597.906	2262-12-26 09:44:18	0.726464778	1.315235222	0.68847195º	1.230385777º	223.2517714	61.07317056	0.983786999	Penumbral
1000	15077	2547746.491	2263-05-23 23:47:06	0.73210497	1.30959503	0.688131741º	1.215148002º	229.8062229	61.56989067	1.011596449	Umbral
1000	15078	2547746.491									
1000	15079	2547746.491									
1000	15080	2547746.491									
1000	15081	2547775.977	2263-06-22 11:26:17	0.741003474	1.300696526	0.715356034º	1.240167597º	231.3323489	59.92045818	1.015846097	Grazing
1000	15082	2547922.828	2263-11-16 07:52:16	0.749709072	1.291990928	0.766840369º	1.305336046º	225.8832977	56.5431701	0.990031676	Umbral
1000	15083	2547922.828									
1000	15084	2547922.828									
1000	15085	2547922.828									

1000	15086	2547922.828									
1000	15087	2548100.59	2264-05-12 02:09:46	0.721801999	1.319898001	0.656983144°	1.18527271°	228.6474263	63.61493035	1.009158258	Total
1000	15088	2548100.59									
1000	15089	2548100.59									
1000	15090	2548100.59									
1000	15091	2548100.59									
1000	15092	2548100.59									
1000	15093	2548277.495	2264-11-04 23:52:48	0.7525547	1.2891453	0.776186543°	1.313276777°	226.5844514	56.07396843	0.992622364	Total
1000	15094	2548277.495									
1000	15095	2548277.495									
1000	15096	2548277.495									
1000	15097	2548277.495									
1000	15098	2548277.495									
1000	15099	2548454.61	2265-05-01 02:38:50	0.724845809	1.316854191	0.668314636°	1.198092785°	228.1788489	62.79013881	1.006322702	Umbral
1000	15100	2548454.61									
1000	15101	2548454.61									
1000	15102	2548454.61									
1000	15103	2548454.61									
1000	15104	2548454.61									
1000	15105	2548602.628	2265-09-26 03:03:38	0.737899631	1.303800369	0.713356063°	1.244465667°	228.3306755	59.85171896	1.003799919	Grazing
1000	15106	2548602.628									
1000	15107	2548602.628									
1000	15108	2548602.628									
1000	15109	2548632.103	2265-10-25 14:29:02	0.743530421	1.298169579	0.739606774°	1.275153444°	226.7369419	58.1575209	0.99548332	Umbral
1000	15110	2548779.373	2266-03-21 20:56:46	0.743776898	1.297923102	0.74087574°	1.276673189°	226.6408004	58.07701275	0.995017387	Penumbral
1000	15111	2548779.373									
1000	15112	2548779.373									
1000	15113	2548779.373									
1000	15114	2548779.373									
1000	15115	2548808.847	2266-04-20 08:20:03	0.738173991	1.303526009	0.714668751°	1.24602431°	228.2345935	59.7639288	1.003335279	Penumbral
1000	15116	2548956.859	2266-09-15 08:36:24	0.724714572	1.316985428	0.66757784°	1.197125963°	228.2787451	62.84757804	1.006759829	Penumbral
1000	15117	2548956.859									
1000	15118	2548956.859									
1000	15119	2548956.859									
1000	15120	2548956.859									
1000	15121	2548986.475	2266-10-14 23:23:32	0.728829118	1.312870882	0.686466209°	1.220384484°	226.6113999	61.45634309	0.998519441	Penumbral
1000	15122	2549133.984	2267-03-11 11:37:06	0.752556244	1.289143756	0.776532375°	1.313838482°	226.4874625	56.04962218	0.992223558	Umbral
1000	15123	2549133.984									
1000	15124	2549133.984									
1000	15125	2549133.984									
1000	15126	2549133.984									
1000	15127	2549310.878	2267-09-04 09:04:02	0.722012507	1.319687493	0.657356127°	1.185452764°	228.7514891	63.59572974	1.009526932	Umbral
1000	15128	2549310.878									
1000	15129	2549310.878									

1000	15130	2549310.878									
1000	15131	2549310.878									
1000	15132	2549310.878									
1000	15133	2549488.65	2268-02-29 03:35:18	0.749391824	1.292308176	0.765862882º	1.30455194º	225.7899826	56.59143713	0.98967627	Total
1000	15134	2549488.65									
1000	15135	2549488.65									
1000	15136	2549488.65									
1000	15137	2549488.65									
1000	15138	2549664.983	2268-08-23 11:35:08	0.732564129	1.309135871	0.689424713º	1.216276572º	229.907297	61.49141524	1.011912113	Total
1000	15139	2549664.983									
1000	15140	2549664.983									
1000	15141	2549664.983									
1000	15142	2549664.983									
1000	15143	2549664.983									
1000	15144	2549843.174	2269-02-17 16:11:13	0.735576541	1.306123459	0.716822335º	1.256742547º	224.5238795	59.37557536	0.987419561	Umbral
1000	15145	2549843.174									
1000	15146	2549843.174									
1000	15147	2549843.174									
1000	15148	2549843.174									
1000	15149	2549843.174									
1000	15150	2549990.046	2269-07-14 13:05:41	0.754916881	1.286783119	0.766931306º	1.291406068º	232.2233557	56.92065598	1.01649844	Grazing
1000	15151	2549990.046									
1000	15152	2549990.046									
1000	15153	2549990.046									
1000	15154	2549990.046									
1000	15155	2550019.383	2269-08-12 21:11:42	0.748224759	1.293475241	0.743057404º	1.268913054º	231.2751576	58.23578306	1.013829132	Umbral
1000	15156	2550167.637	2270-01-08 03:16:44	0.71454777	1.32715223	0.651436523º	1.193598416º	222.5157366	63.52323788	0.983336869	Penumbral
1000	15157	2550167.637									
1000	15158	2550167.637									
1000	15159	2550167.637									
1000	15160	2550167.637									
1000	15161	2550197.407	2270-02-06 21:46:31	0.71983871	1.32186129	0.666367356º	1.20732275º	223.2397429	62.54888885	0.985530016	Grazing
1000	15162	2550344.752	2270-07-04 06:03:32	0.759007315	1.282692685	0.783469268º	1.307929499º	232.4223634	56.01886446	1.016526604	Umbral
1000	15163	2550344.752									
1000	15164	2550344.752									
1000	15165	2550344.752									
1000	15166	2550374.03	2270-08-02 12:43:12	0.758095845	1.283604155	0.780749391º	1.3058589º	232.0801981	56.14791555	1.015269707	Grazing
1000	15167	2550521.6	2270-12-28 02:23:50	0.717006505	1.324693495	0.658757522º	1.200732162º	222.6991716	63.02810519	0.983676612	Umbral
1000	15168	2550521.6									
1000	15169	2550521.6									
1000	15170	2550521.6									
1000	15171	2550521.6									
1000	15172	2550699.43	2271-06-23 22:18:55	0.751371519	1.290328481	0.753380722º	1.278121624º	231.9436623	57.67431467	1.01598289	Total
1000	15173	2550699.43									

1000	15174	2550699.43									
1000	15175	2550699.43									
1000	15176	2550699.43									
1000	15177	2550699.43									
1000	15178	2550875.763	2271-12-17 06:19:14	0.731378651	1.310321349	0.704269555º	1.245714716º	223.6966049	60.09576914	0.984638549	Total
1000	15179	2550875.763									
1000	15180	2550875.763									
1000	15181	2550875.763									
1000	15182	2550875.763									
1000	15183	2550875.763									
1000	15184	2551053.892	2272-06-12 09:23:51	0.736366519	1.305333481	0.700003546º	1.225319414º	230.8383812	60.86277575	1.014870881	Umbral
1000	15185	2551053.892									
1000	15186	2551053.892									
1000	15187	2551053.892									
1000	15188	2551053.892									
1000	15189	2551053.892									
1000	15190	2551230.231	2272-12-05 17:33:00	0.74642716	1.29527284	0.757013729º	1.297653652º	224.8667981	57.02665765	0.986105086	Umbral
1000	15191	2551230.231									
1000	15192	2551230.231									
1000	15193	2551230.231									
1000	15194	2551230.231									
1000	15195	2551378.397	2273-05-02 21:32:04	0.720716569	1.320983431	0.655193417º	1.184758174º	228.04628	63.69520522	1.006728207	Penumbral
1000	15196	2551378.397									
1000	15197	2551378.397									
1000	15198	2551378.397									
1000	15199	2551378.397									
1000	15200	2551408.051	2273-06-01 13:13:32	0.724183632	1.317516368	0.661463763º	1.187645668º	229.7621984	63.37788861	1.013200517	Penumbral
1000	15201	2551555.472	2273-10-26 23:20:06	0.751463658	1.290236342	0.770026955º	1.305746252º	227.0799694	56.44428206	0.995162542	Penumbral
1000	15202	2551555.472									
1000	15203	2551555.472									
1000	15204	2551555.472									
1000	15205	2551555.472									
1000	15206	2551584.877	2273-11-25 09:02:21	0.75207512	1.28962488	0.777733132º	1.317324757º	225.5432434	55.92450605	0.988020853	Penumbral
1000	15207	2551732.451	2274-04-21 22:49:28	0.72748744	1.31421256	0.678528958º	1.209670478º	227.7260827	62.06407878	1.003739602	Umbral
1000	15208	2551732.451									
1000	15209	2551732.451									
1000	15210	2551732.451									
1000	15211	2551732.451									
1000	15212	2551762.068	2274-05-21 13:38:33	0.724245647	1.317454353	0.663048169º	1.190332723º	229.2840405	63.2317994	1.011081726	Grazing
1000	15213	2551910.034	2274-10-16 12:48:37	0.739948398	1.301751602	0.724698855º	1.25881979º	227.1436014	59.07532053	0.998140576	Umbral
1000	15214	2551910.034									
1000	15215	2551910.034									
1000	15216	2551910.034									
1000	15217	2552086.77	2275-04-11 06:28:10	0.74188742	1.29981258	0.729844773º	1.262598228º	227.8208031	58.80972314	1.000702619	Total

1000	15218	2552086.77									
1000	15219	2552086.77									
1000	15220	2552086.77									
1000	15221	2552086.77									
1000	15222	2552086.77									
1000	15223	2552264.323	2275-10-05 19:44:34	0.725674337	1.316025663	0.674424568º	1.206891256º	227.0524385	62.29213583	1.001241561	Total
1000	15224	2552264.323									
1000	15225	2552264.323									
1000	15226	2552264.323									
1000	15227	2552264.323									
1000	15228	2552264.323									
1000	15229	2552441.352	2276-03-30 20:26:32	0.75265835	1.28904165	0.772851269º	1.307227574º	227.7019194	56.32685009	0.99766358	Umbral
1000	15230	2552441.352									
1000	15231	2552441.352									
1000	15232	2552441.352									
1000	15233	2552441.352									
1000	15234	2552441.352									
1000	15235	2552588.696	2276-08-25 04:42:19	0.724261937	1.317438063	0.662877166º	1.189919641º	229.3697916	63.25170752	1.011546135	Grazing
1000	15236	2552588.696									
1000	15237	2552588.696									
1000	15238	2552588.696									
1000	15239	2552588.696									
1000	15240	2552618.358	2276-09-23 20:35:13	0.719956268	1.321743732	0.654515443º	1.185327643º	227.4420304	63.6993665	1.00436233	Umbral
1000	15241	2552766.604	2277-02-19 02:29:42	0.745935938	1.295764062	0.754021055º	1.293784319º	225.1851264	57.21796661	0.987706673	Penumbral
1000	15242	2552766.604									
1000	15243	2552766.604									
1000	15244	2552766.604									
1000	15245	2552796.031	2277-03-20 12:45:16	0.752348656	1.289351344	0.773808501º	1.309771225º	227.0357065	56.23238786	0.994710554	Penumbral
1000	15246	2552942.876	2277-08-14 09:01:36	0.737307614	1.304392386	0.704184378º	1.230174186º	230.5811228	60.57799129	1.013570547	Penumbral
1000	15247	2552942.876									
1000	15248	2552942.876									
1000	15249	2552942.876									
1000	15250	2552942.876									
1000	15251	2552972.409	2277-09-12 21:49:32	0.728114316	1.313585684	0.678129199º	1.207376829º	228.5759483	62.15238573	1.007331441	Penumbral
1000	15252	2553121.055	2278-02-08 13:19:13	0.730424914	1.311275086	0.700301238º	1.241099229º	223.8927168	60.36194907	0.985816861	Umbral
1000	15253	2553121.055									
1000	15254	2553121.055									
1000	15255	2553121.055									
1000	15256	2553121.055									
1000	15257	2553297.36	2278-08-03 20:37:56	0.752187779	1.289512221	0.757234349º	1.282427514º	231.7748562	57.44318952	1.01510799	Total
1000	15258	2553297.36									
1000	15259	2553297.36									
1000	15260	2553297.36									
1000	15261	2553297.36									

1000	15262	2553297.36									
1000	15263	2553475.198	2279-01-28 16:45:32	0.716505282	1.325194718	0.656816624º	1.198390434º	222.8196092	63.17385341	0.984404652	Total
1000	15264	2553475.198									
1000	15265	2553475.198									
1000	15266	2553475.198									
1000	15267	2553475.198									
1000	15268	2553475.198									
1000	15269	2553652.046	2279-07-24 13:05:41	0.759015283	1.282684717	0.783843958º	1.308535207º	232.3211113	55.99261562	1.016079033	Total
1000	15270	2553652.046									
1000	15271	2553652.046									
1000	15272	2553652.046									
1000	15273	2553652.046									
1000	15274	2553829.159	2280-01-17 15:49:06	0.715060859	1.326639141	0.652874157º	1.19490346º	222.5844621	63.42866254	0.983577409	Umbral
1000	15275	2553829.159									
1000	15276	2553829.159									
1000	15277	2553829.159									
1000	15278	2553829.159									
1000	15279	2553829.159									
1000	15280	2553977.402	2280-06-13 21:38:55	0.747346143	1.294353857	0.738818391º	1.264037048º	231.5217671	58.50125521	1.015058719	Penumbral
1000	15281	2553977.402									
1000	15282	2553977.402									
1000	15283	2553977.402									
1000	15284	2553977.402									
1000	15285	2554006.745	2280-07-13 05:53:28	0.754042397	1.287657603	0.763432673º	1.287892294º	232.1906993	57.11566924	1.016527787	Penumbral
1000	15286	2554153.648	2280-12-07 03:33:12	0.736423833	1.305276167	0.720810477º	1.261585614º	224.240448	59.11066726	0.985858522	Penumbral
1000	15287	2554153.648									
1000	15288	2554153.648									
1000	15289	2554153.648									
1000	15290	2554153.648									
1000	15291	2554183.255	2281-01-05 18:06:41	0.727164885	1.314535115	0.690977087º	1.233118222º	223.2139569	60.90657545	0.98337452	Penumbral
1000	15292	2554331.78	2281-06-03 06:42:35	0.731837306	1.309862694	0.68582289º	1.211839906º	230.2570726	61.75228278	1.013518121	Umbral
1000	15293	2554331.78									
1000	15294	2554331.78									
1000	15295	2554331.78									
1000	15296	2554331.78									
1000	15297	2554361.268	2281-07-02 18:26:02	0.740220134	1.301479866	0.712148842º	1.236647736º	231.4326547	60.12769989	1.016451672	Grazing
1000	15298	2554508.186	2281-11-26 16:27:58	0.749576602	1.292123398	0.767987115º	1.307719703º	225.3800975	56.44708989	0.987762811	Umbral
1000	15299	2554508.186									
1000	15300	2554508.186									
1000	15301	2554508.186									
1000	15302	2554685.87	2282-05-23 08:52:25	0.722360444	1.319339556	0.657068308º	1.184148516º	229.2355754	63.65053806	1.011473718	Total
1000	15303	2554685.87									
1000	15304	2554685.87									
1000	15305	2554685.87									

1000	15306	2554685.87									
1000	15307	2554685.87									
1000	15308	2554862.85	2282-11-16 08:23:28	0.751683827	1.290016173	0.774655579º	1.313155609º	225.9703384	56.11878743	0.990023673	Total
1000	15309	2554862.85									
1000	15310	2554862.85									
1000	15311	2554862.85									
1000	15312	2554862.85									
1000	15313	2554862.85									
1000	15314	2555039.901	2283-05-12 09:37:05	0.726284832	1.315415168	0.671040367º	1.199414488º	228.8791729	62.65349763	1.008996763	Umbral
1000	15315	2555039.901									
1000	15316	2555039.901									
1000	15317	2555039.901									
1000	15318	2555039.901									
1000	15319	2555039.901									
1000	15320	2555217.444	2283-11-05 22:39:12	0.742010895	1.299689105	0.736059159º	1.273147755º	226.0277144	58.31904979	0.992625391	Umbral
1000	15321	2555217.444									
1000	15322	2555217.444									
1000	15323	2555217.444									
1000	15324	2555217.444									
1000	15325	2555217.444									
1000	15326	2555364.709	2284-04-01 05:01:35	0.745308944	1.296391056	0.744407145º	1.278605077º	227.3851094	57.91938799	0.997996709	Penumbral
1000	15327	2555364.709									
1000	15328	2555364.709									
1000	15329	2555364.709									
1000	15330	2555394.161	2284-04-30 15:51:27	0.739882901	1.301817099	0.718582706º	1.248421164º	228.9934017	59.57130967	1.006208155	Penumbral
1000	15331	2555542.153	2284-09-25 15:39:43	0.723276438	1.318423562	0.665008765º	1.196055977º	227.5393465	62.97124177	1.003917855	Penumbral
1000	15332	2555542.153									
1000	15333	2555542.153									
1000	15334	2555542.153									
1000	15335	2555542.153									
1000	15336	2555571.793	2284-10-25 07:01:40	0.727161783	1.314538217	0.683049418º	1.21855725º	225.8511015	61.62671195	0.99555552	Penumbral
1000	15337	2555719.335	2285-03-21 20:01:57	0.753431234	1.288268766	0.777904948º	1.313692512º	227.1560254	56.01630644	0.995035745	Umbral
1000	15338	2555719.335									
1000	15339	2555719.335									
1000	15340	2555719.335									
1000	15341	2555719.335									
1000	15342	2555896.162	2285-09-14 15:53:28	0.721445059	1.320254941	0.657415426º	1.186867816º	228.1040555	63.54518869	1.006941866	Umbral
1000	15343	2555896.162									
1000	15344	2555896.162									
1000	15345	2555896.162									
1000	15346	2555896.162									
1000	15347	2555896.162									
1000	15348	2556074.003	2286-03-11 12:04:43	0.749552131	1.292147869	0.76458651º	1.301891726º	226.3645955	56.69914086	0.992225204	Total
1000	15349	2556074.003									

1000	15350	2556074.003									
1000	15351	2556074.003									
1000	15352	2556074.003									
1000	15353	2556074.003									
1000	15354	2556250.276	2286-09-03 18:37:59	0.732761908	1.308938092	0.691747649º	1.219772649º	229.3764926	61.30411298	1.009663894	Total
1000	15355	2556250.276									
1000	15356	2556250.276									
1000	15357	2556250.276									
1000	15358	2556250.276									
1000	15359	2556428.521	2287-03-01 00:30:13	0.735324136	1.306375864	0.714458758º	1.253169159º	224.9870982	59.55482838	0.989637062	Umbral
1000	15360	2556428.521									
1000	15361	2556428.521									
1000	15362	2556428.521									
1000	15363	2556428.521									
1000	15364	2556428.521									
1000	15365	2556575.354	2287-07-25 20:29:29	0.755361965	1.286338035	0.76911672º	1.293868099º	232.1207351	56.79221108	1.015962603	Grazing
1000	15366	2556575.354									
1000	15367	2556575.354									
1000	15368	2556575.354									
1000	15369	2556575.354									
1000	15370	2556604.691	2287-08-24 04:35:19	0.74854743	1.29315257	0.745722583º	1.272562788º	230.846586	58.05341468	1.011934498	Umbral
1000	15371	2556752.972	2288-01-19 11:19:41	0.714383459	1.327316541	0.650790985º	1.192763244º	222.5666378	63.57433188	0.983680935	Penumbral
1000	15372	2556752.972									
1000	15373	2556752.972									
1000	15374	2556752.972									
1000	15375	2556752.972									
1000	15376	2556782.742	2288-02-18 05:48:13	0.719742193	1.321957807	0.664993223º	1.204941965º	223.6111154	62.67450304	0.987367385	Penumbral
1000	15377	2556930.064	2288-07-14 13:32:17	0.758867035	1.282832965	0.782883795º	1.307369753º	232.414759	56.0496299	1.016476742	Umbral
1000	15378	2556930.064									
1000	15379	2556930.064									
1000	15380	2556930.064									
1000	15381	2556930.064									
1000	15382	2556959.345	2288-08-12 20:16:12	0.757972186	1.283727814	0.781403456º	1.307281356º	231.7312341	56.09216095	1.013786237	Penumbral
1000	15383	2557106.938	2289-01-07 10:31:20	0.717424174	1.324275826	0.660212932º	1.202337631º	222.6609588	62.92430532	0.983404332	Umbral
1000	15384	2557106.938									
1000	15385	2557106.938									
1000	15386	2557106.938									
1000	15387	2557284.734	2289-07-04 05:36:36	0.750730718	1.290969282	0.750510057º	1.274993514º	232.0340266	57.84544465	1.016481589	Total
1000	15388	2557284.734									
1000	15389	2557284.734									
1000	15390	2557284.734									
1000	15391	2557284.734									
1000	15392	2557284.734									
1000	15393	2557461.116	2289-12-27 14:46:46	0.731976643	1.309723357	0.706850997º	1.248788712º	223.5461381	59.92169445	0.983743634	Total

1000	15394	2557461.116									
1000	15395	2557461.116									
1000	15396	2557461.116									
1000	15397	2557461.116									
1000	15398	2557461.116									
1000	15399	2557639.179	2290-06-23 16:17:46	0.735756758	1.305943242	0.697141939º	1.221904457º	231.0603365	61.0621573	1.015941039	Umbral
1000	15400	2557639.179									
1000	15401	2557639.179									
1000	15402	2557639.179									
1000	15403	2557639.179									
1000	15404	2557639.179									
1000	15405	2557815.594	2290-12-17 02:15:39	0.746623684	1.295076316	0.758764055º	1.300215007º	224.5695642	56.90716934	0.984628018	Umbral
1000	15406	2557815.594									
1000	15407	2557815.594									
1000	15408	2557815.594									
1000	15409	2557815.594									
1000	15410	2557963.681	2291-05-14 04:20:26	0.721606691	1.320093309	0.656145574º	1.184307493º	228.7112984	63.67736152	1.009402152	Penumbral
1000	15411	2557963.681									
1000	15412	2557963.681									
1000	15413	2557963.681									
1000	15414	2557963.681									
1000	15415	2557993.325	2291-06-12 19:47:57	0.72431011	1.31738989	0.660750932º	1.186090662º	230.1496724	63.4556454	1.014824784	Penumbral
1000	15416	2558140.821	2291-11-07 07:42:16	0.750340755	1.291359245	0.767689333º	1.30497117º	226.4005638	56.52963106	0.99226838	Penumbral
1000	15417	2558140.821									
1000	15418	2558140.821									
1000	15419	2558140.821									
1000	15420	2558140.821									
1000	15421	2558170.24	2291-12-06 17:45:23	0.751540673	1.290159327	0.77698222º	1.3176522º	225.1047828	55.93610112	0.986050267	Penumbral
1000	15422	2558317.751	2292-05-02 06:01:03	0.729110572	1.312589428	0.681818062º	1.211433663º	228.4758738	61.89758865	1.006631558	Umbral
1000	15423	2558317.751									
1000	15424	2558317.751									
1000	15425	2558317.751									
1000	15426	2558317.751									
1000	15427	2558347.347	2292-05-31 20:20:19	0.725360237	1.316339763	0.665133513º	1.191354885º	229.8269364	63.12536099	1.013124527	Grazing
1000	15428	2558495.365	2292-10-26 20:45:51	0.738287594	1.303412406	0.720902099º	1.256630863º	226.388839	59.25499792	0.995144956	Umbral
1000	15429	2558495.365									
1000	15430	2558495.365									
1000	15431	2558495.365									
1000	15432	2558495.365									
1000	15433	2558672.093	2293-04-21 14:13:22	0.743543599	1.298156401	0.733663682º	1.264833917º	228.5939089	58.63071237	1.003685341	Total
1000	15434	2558672.093									
1000	15435	2558672.093									
1000	15436	2558672.093									
1000	15437	2558672.093									

1000	15438	2558672.093									
1000	15439	2558849.631	2293-10-16 03:08:39	0.724084849	1.317615151	0.671414341°	1.205478675°	226.2796379	62.4397791	0.998246361	Total
1000	15440	2558849.631									
1000	15441	2558849.631									
1000	15442	2558849.631									
1000	15443	2558849.631									
1000	15444	2559026.691	2294-04-11 04:35:38	0.753760538	1.287939462	0.774913022°	1.307683425°	228.4422984	56.25820828	1.000670786	Umbral
1000	15445	2559026.691									
1000	15446	2559026.691									
1000	15447	2559026.691									
1000	15448	2559026.691									
1000	15449	2559026.691									
1000	15450	2559173.979	2294-09-05 11:29:13	0.724015425	1.317684575	0.663765995°	1.191987713°	228.8001251	63.1510379	1.009287878	Grazing
1000	15451	2559173.979									
1000	15452	2559173.979									
1000	15453	2559173.979									
1000	15454	2559173.979									
1000	15455	2559203.652	2294-10-05 03:38:53	0.719087333	1.322612667	0.653867271°	1.186228828°	226.7090035	63.69107619	1.001439287	Umbral
1000	15456	2559351.959	2295-03-02 11:01:29	0.745881251	1.295818749	0.752178184°	1.290729774°	225.6765307	57.35514033	0.98992889	Penumbral
1000	15457	2559351.959									
1000	15458	2559351.959									
1000	15459	2559351.959									
1000	15460	2559351.959									
1000	15461	2559381.377	2295-03-31 21:03:01	0.752741409	1.288958591	0.77309881°	1.307481242°	227.7234044	56.31325209	0.997652141	Penumbral
1000	15462	2559528.172	2295-08-25 16:07:23	0.73768543	1.30401457	0.706931191°	1.233908611°	230.1411839	60.37549508	1.011671008	Penumbral
1000	15463	2559528.172									
1000	15464	2559528.172									
1000	15465	2559528.172									
1000	15466	2559557.708	2295-09-24 04:59:59	0.728043786	1.313656214	0.67988317°	1.210604649°	227.9145072	61.98863928	1.004534015	Penumbral
1000	15467	2559706.401	2296-02-19 21:36:44	0.730086455	1.311613545	0.697991177°	1.237770007°	224.2640611	60.53793803	0.987678191	Umbral
1000	15468	2559706.401									
1000	15469	2559706.401									
1000	15470	2559706.401									
1000	15471	2559706.401									
1000	15472	2559882.669	2296-08-14 04:03:21	0.752501571	1.289198429	0.759619662°	1.285589346°	231.4385159	57.28723719	1.013609327	Umbral
1000	15473	2559882.669									
1000	15474	2559882.669									
1000	15475	2559882.669									
1000	15476	2559882.669									
1000	15477	2559882.669									
1000	15478	2560060.532	2297-02-08 00:46:37	0.716469364	1.325230636	0.655912934°	1.196738206°	223.0987729	63.26100003	0.985767133	Total
1000	15479	2560060.532									
1000	15480	2560060.532									
1000	15481	2560060.532									

1000	15482	2560060.532									
1000	15483	2560060.532									
1000	15484	2560237.359	2297-08-03 20:37:02	0.758791105	1.282908895	0.783744401°	1.308953855°	232.0702513	55.98418612	1.015076507	Total
1000	15485	2560237.359									
1000	15486	2560237.359									
1000	15487	2560237.359									
1000	15488	2560237.359									
1000	15489	2560237.359									
1000	15490	2560414.494	2298-01-27 23:51:54	0.715632022	1.326067978	0.654118689°	1.19572016°	222.7818348	63.35766769	0.984354376	Umbral
1000	15491	2560414.494									
1000	15492	2560414.494									
1000	15493	2560414.494									
1000	15494	2560414.494									
1000	15495	2560562.703	2298-06-25 04:52:15	0.746730442	1.294969558	0.735767534°	1.260489121°	231.7238109	58.6949487	1.016020289	Grazing
1000	15496	2560562.703									
1000	15497	2560562.703									
1000	15498	2560562.703									
1000	15499	2560562.703									
1000	15500	2560592.052	2298-07-24 13:14:46	0.753246129	1.288453871	0.760712424°	1.285419168°	232.0305955	57.26102539	1.016049028	Umbral
1000	15501	2560739.003	2298-12-18 12:04:17	0.736879878	1.304820122	0.723315281°	1.264837594°	223.9777437	58.93930279	0.984498265	Penumbral
1000	15502	2560739.003									
1000	15503	2560739.003									
1000	15504	2560739.003									
1000	15505	2560739.003									
1000	15506	2560768.604	2299-01-17 02:30:27	0.728030848	1.313669152	0.693682438°	1.235721837°	223.3067435	60.73853922	0.98355909	Penumbral
1000	15507	2560917.064	2299-06-14 13:31:46	0.731459731	1.310240269	0.683479775°	1.20872107°	230.5979452	61.93073998	1.015014971	Umbral
1000	15508	2560917.064									
1000	15509	2560917.064									
1000	15510	2560917.064									
1000	15511	2560917.064									
1000	15512	2560946.558	2299-07-14 01:23:05	0.739284518	1.302415482	0.708833369°	1.233300988°	231.3952128	60.33444138	1.016512285	Grazing
1000	15513	2561093.548	2299-12-08 01:09:36	0.749514521	1.292185479	0.769085941°	1.309842379°	224.975218	56.35967495	0.985892614	Umbral
1000	15514	2561093.548									
1000	15515	2561093.548									
1000	15516	2561093.548									
1000	15517	2561093.548									
1000	15518	2561271.145	2300-06-03 15:28:46	0.722854439	1.318845561	0.65720926°	1.183281931°	229.7337946	63.67537767	1.013410899	Total
1000	15519	2561271.145									
1000	15520	2561271.145									
1000	15521	2561271.145									
1000	15522	2561271.145									
1000	15523	2561448.209	2300-11-27 17:00:20	0.750865294	1.290834706	0.773074371°	1.31280939°	225.437801	56.17106435	0.98775836	Total
1000	15524	2561448.209									
1000	15525	2561448.209									

1000	15526	2561448.209									
1000	15527	2561448.209									
1000	15528	2561448.209									
1000	15529	2561625.187	2301-05-23 16:29:45	0.727675508	1.314024492	0.673822663º	1.200978238º	229.5118694	62.50752423	1.011329109	Umbral
1000	15530	2561625.187									
1000	15531	2561625.187									
1000	15532	2561625.187									
1000	15533	2561625.187									
1000	15534	2561625.187									
1000	15535	2561802.789	2301-11-17 06:55:53	0.740548113	1.301151887	0.732567351º	1.271073995º	225.3807953	58.48180434	0.990011512	Umbral
1000	15536	2561802.789									
1000	15537	2561802.789									
1000	15538	2561802.789									
1000	15539	2561802.789									
1000	15540	2561802.789									
1000	15541	2561950.041	2302-04-13 12:59:31	0.746844118	1.294855882	0.747930204º	1.280499462º	228.149756	57.76391771	1.001048728	Penumbral
1000	15542	2561950.041									
1000	15543	2561950.041									
1000	15544	2561950.041									
1000	15545	2561950.041									
1000	15546	2561979.47	2302-05-12 23:17:08	0.741537093	1.300162907	0.722496491º	1.250915965º	229.7070874	59.3770063	1.008910164	Penumbral
1000	15547	2562127.452	2302-10-07 22:50:26	0.721845176	1.319854824	0.662549727º	1.195187757º	226.7768805	63.0848049	1.000919477	Penumbral
1000	15548	2562127.452									
1000	15549	2562127.452									
1000	15550	2562127.452									
1000	15551	2562157.116	2302-11-06 14:47:00	0.725565307	1.316134693	0.67976813º	1.216830774º	225.1334488	61.79030031	0.992673357	Penumbral
1000	15552	2562304.68	2303-04-03 04:19:34	0.75431279	1.28738721	0.779176242º	1.313354309º	227.8675458	55.9908781	0.998033822	Umbral
1000	15553	2562304.68									
1000	15554	2562304.68									
1000	15555	2562304.68									
1000	15556	2562304.68									
1000	15557	2562334.034	2303-05-02 12:48:59	0.75350316	1.28819684	0.769630235º	1.299455552º	229.6946171	56.62565103	1.006233113	Grazing
1000	15558	2562481.452	2303-09-26 22:51:23	0.720857295	1.320842705	0.657536644º	1.18850241º	227.4083943	63.48507195	1.004071848	Umbral
1000	15559	2562481.452									
1000	15560	2562481.452									
1000	15561	2562481.452									
1000	15562	2562481.452									
1000	15563	2562659.352	2304-03-22 20:26:32	0.749744544	1.291955456	0.763241205º	1.299001847º	227.0034838	56.81545881	0.995085745	Total
1000	15564	2562659.352									
1000	15565	2562659.352									
1000	15566	2562659.352									
1000	15567	2562659.352									
1000	15568	2562659.352									
1000	15569	2562835.576	2304-09-15 01:49:14	0.732881449	1.308818551	0.694018461º	1.223409987º	228.7716825	61.11515667	1.007057635	Total

1000	15570	2562835.576									
1000	15571	2562835.576									
1000	15572	2562835.576									
1000	15573	2562835.576									
1000	15574	2562835.576									
1000	15575	2563013.862	2305-03-12 08:41:26	0.735157921	1.306542079	0.712142889º	1.24946575º	225.5362022	59.7376303	0.99219262	Umbral
1000	15576	2563013.862									
1000	15577	2563013.862									
1000	15578	2563013.862									
1000	15579	2563013.862									
1000	15580	2563160.664	2305-08-06 03:56:11	0.75563214	1.28606786	0.771048339º	1.296325776º	231.8833219	56.67149843	1.014945132	Grazing
1000	15581	2563160.664									
1000	15582	2563160.664									
1000	15583	2563160.664									
1000	15584	2563160.664									
1000	15585	2563190.004	2305-09-04 12:05:35	0.748738292	1.292961708	0.74821837º	1.276213312º	230.3199811	57.87706048	1.009721373	Umbral
1000	15586	2563338.306	2306-01-30 19:20:32	0.714423298	1.327276702	0.650389993º	1.191913988º	222.7486719	63.61744645	0.984495208	Penumbral
1000	15587	2563338.306									
1000	15588	2563338.306									
1000	15589	2563338.306									
1000	15590	2563338.306									
1000	15591	2563368.072	2306-03-01 13:43:04	0.719798891	1.321901109	0.663778896º	1.202555731º	224.0877394	62.79536464	0.989515034	Penumbral
1000	15592	2563515.376	2306-07-26 21:01:27	0.758544113	1.283155887	0.78202227º	1.306760594º	232.2680156	56.08924213	1.015987883	Penumbral
1000	15593	2563515.376									
1000	15594	2563515.376									
1000	15595	2563515.376									
1000	15596	2563515.376									
1000	15597	2563544.662	2306-08-25 03:53:31	0.757689314	1.284010686	0.78180424º	1.308627369º	231.2677968	56.04541842	1.011967297	Penumbral
1000	15598	2563692.278	2307-01-19 18:39:40	0.718038546	1.323661454	0.661905674º	1.203903186º	222.7552049	62.8140973	0.983635101	Umbral
1000	15599	2563692.278									
1000	15600	2563692.278									
1000	15601	2563692.278									
1000	15602	2563692.278									
1000	15603	2563870.036	2307-07-16 12:52:17	0.749918192	1.291781808	0.747446628º	1.271917905º	231.9850231	58.02169685	1.016505196	Total
1000	15604	2563870.036									
1000	15605	2563870.036									
1000	15606	2563870.036									
1000	15607	2563870.036									
1000	15608	2564046.47	2308-01-08 23:17:02	0.732722692	1.308977308	0.709582149º	1.251701716º	223.52347	59.74888334	0.983413643	Total
1000	15609	2564046.47									
1000	15610	2564046.47									
1000	15611	2564046.47									
1000	15612	2564046.47									
1000	15613	2564046.47									

1000	15614	2564224.464	2308-07-04 23:07:45	0.735007873	1.306692127	0.694196238º	1.218700623º	231.14973	61.25885805	1.01644103	Total
1000	15615	2564224.464									
1000	15616	2564224.464									
1000	15617	2564224.464									
1000	15618	2564224.464									
1000	15619	2564224.464									
1000	15620	2564400.96	2308-12-28 11:01:57	0.746922409	1.294777591	0.76055689º	1.302475521º	224.3922327	56.79522166	0.983778279	Umbral
1000	15621	2564400.96									
1000	15622	2564400.96									
1000	15623	2564400.96									
1000	15624	2564400.96									
1000	15625	2564400.96									
1000	15626	2564548.96	2309-05-25 11:02:03	0.722454582	1.319245418	0.657141546º	1.184139011º	229.3052718	63.64830314	1.011632527	Grazing
1000	15627	2564548.96									
1000	15628	2564548.96									
1000	15629	2564548.96									
1000	15630	2564578.596	2309-06-24 02:17:58	0.724336098	1.317363902	0.660031822º	1.184848052º	230.4161808	63.52312512	1.015837064	Penumbral
1000	15631	2564726.174	2309-11-18 16:11:05	0.7492563	1.2924437	0.765340674º	1.303995329º	225.7858606	56.62099889	0.989739479	Penumbral
1000	15632	2564726.174									
1000	15633	2564726.174									
1000	15634	2564726.174									
1000	15635	2564726.174									
1000	15636	2564755.606	2309-12-18 02:32:48	0.751088624	1.290611376	0.776229254º	1.317667167º	224.7761319	55.95604815	0.984651729	Penumbral
1000	15637	2564903.046	2310-05-14 13:06:37	0.730700379	1.310999621	0.685160438º	1.213404356º	229.1782495	61.72353522	1.009245464	Umbral
1000	15638	2564903.046									
1000	15639	2564903.046									
1000	15640	2564903.046									
1000	15641	2564903.046									
1000	15642	2564932.624	2310-06-13 02:58:15	0.726389739	1.315310261	0.667256568º	1.192655869º	230.2648975	63.00860324	1.01470972	Grazing
1000	15643	2565080.701	2310-11-08 04:49:54	0.736672483	1.305027517	0.717184881º	1.254437674º	225.678185	59.43347399	0.992322023	Umbral
1000	15644	2565080.701									
1000	15645	2565080.701									
1000	15646	2565080.701									
1000	15647	2565080.701									
1000	15648	2565257.411	2311-05-03 21:52:15	0.745159107	1.296540893	0.737463569º	1.267109199º	229.3424241	58.45220262	1.006574485	Total
1000	15649	2565257.411									
1000	15650	2565257.411									
1000	15651	2565257.411									
1000	15652	2565257.411									
1000	15653	2565257.411									
1000	15654	2565434.945	2311-10-28 10:40:17	0.722551139	1.319148861	0.668531875º	1.20421987º	225.5295814	62.57869901	0.995220695	Total
1000	15655	2565434.945									
1000	15656	2565434.945									
1000	15657	2565434.945									

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1000	15659	2565612.026	2312-04-22 12:37:35	0.754823718	1.286876282	0.776853128º	1.308008625º	229.1813439	56.19654624	1.00371319	Umbral
1000	15660	2565612.026									
1000	15661	2565612.026									
1000	15662	2565612.026									
1000	15663	2565612.026									
1000	15664	2565612.026									
1000	15665	2565788.953	2312-10-16 10:51:36	0.718255431	1.323444569	0.653318827º	1.18732047º	225.9745803	63.67275112	0.998363554	Umbral
1000	15666	2565788.953									
1000	15667	2565788.953									
1000	15668	2565788.953									
1000	15669	2565788.953									
1000	15670	2565788.953									
1000	15671	2565937.31	2313-03-13 19:26:04	0.745884776	1.295815224	0.750320781º	1.287441835º	226.2494974	57.49992802	0.992565408	Penumbral
1000	15672	2565937.31									
1000	15673	2565937.31									
1000	15674	2565937.31									
1000	15675	2565937.31									
1000	15676	2565966.717	2313-04-12 05:12:40	0.753116007	1.288583993	0.772251358º	1.305004958º	228.4331092	56.40315469	1.000702346	Penumbral
1000	15677	2566113.473	2313-09-05 23:20:37	0.737955482	1.303744518	0.709582374º	1.237764618º	229.6078318	60.17360593	1.009363309	Penumbral
1000	15678	2566113.473									
1000	15679	2566113.473									
1000	15680	2566113.473									
1000	15681	2566113.473									
1000	15682	2566143.014	2313-10-05 12:20:07	0.727952394	1.313747606	0.681650799º	1.213940426º	227.2246329	61.82180526	1.001574614	Penumbral
1000	15683	2566291.741	2314-03-03 05:47:14	0.729866092	1.311833908	0.695781906º	1.234336292º	224.7367005	60.71501408	0.989923751	Umbral
1000	15684	2566291.741									
1000	15685	2566291.741									
1000	15686	2566291.741									
1000	15687	2566467.982	2314-08-26 11:34:09	0.752663577	1.289036423	0.761785599º	1.288743489º	230.9887757	57.13852421	1.011708502	Umbral
1000	15688	2566467.982									
1000	15689	2566467.982									
1000	15690	2566467.982									
1000	15691	2566467.982									
1000	15692	2566467.982									
1000	15693	2566645.863	2315-02-20 08:42:17	0.716611955	1.325088045	0.65523232º	1.195064254º	223.4947572	63.34139927	0.987581031	Total
1000	15694	2566645.863									
1000	15695	2566645.863									
1000	15696	2566645.863									
1000	15697	2566645.863									
1000	15698	2566645.863									
1000	15699	2566822.675	2315-08-16 04:11:23	0.75839674	1.28330326	0.783359752º	1.309325616º	231.6936583	55.98471675	1.013616689	Total
1000	15700	2566822.675									
1000	15701	2566822.675									

1000	15702	2566822.675									
1000	15703	2566822.675									
1000	15704	2566822.675									
1000	15705	2566999.828	2316-02-09 07:52:06	0.716398316	1.325301684	0.655625801º	1.196513024º	223.1048184	63.27856315	0.985654227	Umbral
1000	15706	2566999.828									
1000	15707	2566999.828									
1000	15708	2566999.828									
1000	15709	2566999.828									
1000	15710	2566999.828									
1000	15711	2567148.001	2316-07-06 12:02:09	0.745952617	1.295747383	0.732555166º	1.257030487º	231.7906423	58.89213971	1.016497359	Grazing
1000	15712	2567148.001									
1000	15713	2567148.001									
1000	15714	2567148.001									
1000	15715	2567177.359	2316-08-04 20:36:42	0.752280247	1.289419753	0.757771622º	1.282989517º	231.7361908	57.4121838	1.015060193	Umbral
1000	15716	2567324.361	2316-12-29 20:39:20	0.737463175	1.304236825	0.725913834º	1.267897946º	223.837055	58.77174416	0.98365942	Penumbral
1000	15717	2567324.361									
1000	15718	2567324.361									
1000	15719	2567324.361									
1000	15720	2567324.361									
1000	15721	2567353.954	2317-01-28 10:53:52	0.729059616	1.312640384	0.696580458º	1.238212937º	223.5281623	60.56882482	0.984298023	Penumbral
1000	15722	2567502.344	2317-06-25 20:15:55	0.730960659	1.310739341	0.68109542º	1.205826103º	230.8153142	62.10428538	1.016002676	Umbral
1000	15723	2567502.344									
1000	15724	2567502.344									
1000	15725	2567502.344									
1000	15726	2567502.344									
1000	15727	2567531.846	2317-07-25 08:18:49	0.73819933	1.30350067	0.705432131º	1.230135806º	231.2201313	60.53968244	1.016054971	Grazing
1000	15728	2567678.914	2317-12-19 09:55:53	0.749538368	1.292161632	0.770161733º	1.311680358º	224.6816918	56.28080262	0.984504971	Umbral
1000	15729	2567678.914									
1000	15730	2567678.914									
1000	15731	2567678.914									
1000	15732	2567678.914									
1000	15733	2567856.417	2318-06-14 22:00:06	0.723265097	1.318434903	0.657408575º	1.182680625º	230.1241765	63.68907005	1.014955541	Total
1000	15734	2567856.417									
1000	15735	2567856.417									
1000	15736	2567856.417									
1000	15737	2567856.417									
1000	15738	2567856.417									
1000	15739	2568033.571	2318-12-09 01:42:26	0.75011883	1.29158117	0.771463673º	1.31222174º	225.003119	56.23071318	0.985889643	Total
1000	15740	2568033.571									
1000	15741	2568033.571									
1000	15742	2568033.571									
1000	15743	2568033.571									
1000	15744	2568210.471	2319-06-03 23:17:58	0.728992709	1.312707291	0.676657668º	1.202777142º	230.0560375	62.35270957	1.013320745	Umbral
1000	15745	2568210.471									

1000	15746	2568210.471									
1000	15747	2568210.471									
1000	15748	2568210.471									
1000	15749	2568210.471									
1000	15750	2568388.138	2319-11-28 15:18:22	0.739166441	1.302533559	0.729166114º	1.268901197º	224.8152654	58.64566816	0.987758244	Umbral
1000	15751	2568388.138									
1000	15752	2568388.138									
1000	15753	2568388.138									
1000	15754	2568388.138									
1000	15755	2568388.138									
1000	15756	2568535.369	2320-04-23 20:50:42	0.748353634	1.293346366	0.751394899º	1.282390398º	228.9107321	57.61104909	1.004015626	Penumbral
1000	15757	2568535.369									
1000	15758	2568535.369									
1000	15759	2568535.369									
1000	15760	2568535.369									
1000	15761	2568564.776	2320-05-23 06:37:54	0.743109186	1.298590814	0.726346223º	1.253549674º	230.3527308	59.18177919	1.01123727	Penumbral
1000	15762	2568712.756	2320-10-18 06:08:58	0.720451123	1.321248877	0.660236745º	1.194482594º	226.0160136	63.18822392	0.997907198	Penumbral
1000	15763	2568712.756									
1000	15764	2568712.756									
1000	15765	2568712.756									
1000	15766	2568712.756									
1000	15767	2568742.444	2320-11-16 22:39:07	0.724067979	1.317632021	0.676682352º	1.215141547º	224.4800205	61.94707039	0.990098752	Penumbral
1000	15768	2568890.021	2321-04-13 12:29:44	0.755174644	1.286525356	0.780291505º	1.312871928º	228.5987652	55.97352032	1.001027741	Umbral
1000	15769	2568890.021									
1000	15770	2568890.021									
1000	15771	2568890.021									
1000	15772	2568919.358	2321-05-12 20:35:14	0.75465853	1.28704147	0.772097152º	1.300552825º	230.3770373	56.52771653	1.008841054	Grazing
1000	15773	2569066.749	2321-10-07 05:58:26	0.720275978	1.321424022	0.657770364º	1.190287469º	226.6889807	63.41603277	1.001146767	Umbral
1000	15774	2569066.749									
1000	15775	2569066.749									
1000	15776	2569066.749									
1000	15777	2569066.749									
1000	15778	2569244.695	2322-04-03 04:40:10	0.749944982	1.291755018	0.761768371º	1.295947279º	227.6849459	56.94034907	0.998032251	Total
1000	15779	2569244.695									
1000	15780	2569244.695									
1000	15781	2569244.695									
1000	15782	2569244.695									
1000	15783	2569244.695									
1000	15784	2569420.882	2322-09-26 09:09:36	0.732944889	1.308755111	0.69625868º	1.227138772º	228.1156472	60.92546482	1.004233886	Total
1000	15785	2569420.882									
1000	15786	2569420.882									
1000	15787	2569420.882									
1000	15788	2569420.882									
1000	15789	2569420.882									

1000	15790	2569599.197	2323-03-23 16:43:57	0.735056222	1.306643778	0.709868066º	1.245647487º	226.1523116	59.92378141	0.995050866	Umbral
1000	15791	2569599.197									
1000	15792	2569599.197									
1000	15793	2569599.197									
1000	15794	2569599.197									
1000	15795	2569599.197									
1000	15796	2569745.977	2323-08-17 11:26:54	0.755735646	1.285964354	0.772698428º	1.298788877º	231.5206529	56.55892405	1.013376652	Grazing
1000	15797	2569745.977									
1000	15798	2569745.977									
1000	15799	2569745.977									
1000	15800	2569775.322	2323-09-15 19:43:17	0.748816198	1.292883802	0.750503417º	1.279882444º	229.7155235	57.70730693	1.007081412	Umbral
1000	15801	2569923.637	2324-02-11 03:17:37	0.714659594	1.327040406	0.650277485º	1.19100748º	223.0559685	63.65249468	0.985940825	Penumbral
1000	15802	2569923.637									
1000	15803	2569923.637									
1000	15804	2569923.637									
1000	15805	2569923.637									
1000	15806	2569953.396	2324-03-11 21:29:54	0.719989488	1.321710512	0.662769715º	1.200125412º	224.6538524	62.91116283	0.99213199	Penumbral
1000	15807	2570100.689	2324-08-06 04:32:10	0.758044098	1.283655902	0.780841427º	1.306155534º	231.9874558	56.13748629	1.014874283	Penumbral
1000	15808	2570100.689									
1000	15809	2570100.689									
1000	15810	2570100.689									
1000	15811	2570100.689									
1000	15812	2570129.983	2324-09-04 11:36:05	0.757263847	1.284436153	0.781905575º	1.309941701º	230.7070522	56.00770317	1.00964262	Penumbral
1000	15813	2570277.616	2325-01-30 02:47:08	0.718845979	1.322854021	0.663876566º	1.205393903º	222.9795459	62.6973288	0.984507311	Umbral
1000	15814	2570277.616									
1000	15815	2570277.616									
1000	15816	2570277.616									
1000	15817	2570277.616									
1000	15818	2570455.338	2325-07-26 20:07:09	0.748936601	1.292763399	0.744174364º	1.268940988º	231.7974874	58.20229941	1.01593309	Total
1000	15819	2570455.338									
1000	15820	2570455.338									
1000	15821	2570455.338									
1000	15822	2570455.338									
1000	15823	2570455.338									
1000	15824	2570631.825	2326-01-19 07:48:21	0.733618447	1.308081553	0.712464227º	1.25445982º	223.6301437	59.57710217	0.983638585	Total
1000	15825	2570631.825									
1000	15826	2570631.825									
1000	15827	2570631.825									
1000	15828	2570631.825									
1000	15829	2570809.747	2326-07-16 05:55:09	0.734117887	1.307582113	0.691215357º	1.215687394º	231.102053	61.45187559	1.016503722	Total
1000	15830	2570809.747									
1000	15831	2570809.747									
1000	15832	2570809.747									
1000	15833	2570809.747									

1000	15834	2570809.747									
1000	15835	2570986.327	2327-01-08 19:50:20	0.747330572	1.294369428	0.76234802º	1.304483811º	224.3407108	56.69063085	0.983384212	Umbral
1000	15836	2570986.327									
1000	15837	2570986.327									
1000	15838	2570986.327									
1000	15839	2570986.327									
1000	15840	2570986.327									
1000	15841	2571134.235	2327-06-05 17:38:05	0.723237154	1.318462846	0.658233445º	1.184205231º	229.8075237	63.60786962	1.013605277	Grazing
1000	15842	2571134.235									
1000	15843	2571134.235									
1000	15844	2571134.235									
1000	15845	2571134.235									
1000	15846	2571163.865	2327-07-05 08:45:05	0.724252082	1.317447918	0.659370232º	1.183865247º	230.5516637	63.5798372	1.016459189	Penumbral
1000	15847	2571311.532	2327-11-30 00:45:48	0.748233112	1.293466888	0.762956284º	1.3028509º	225.2546203	56.71825121	0.987466372	Penumbral
1000	15848	2571311.532									
1000	15849	2571311.532									
1000	15850	2571311.532									
1000	15851	2571340.974	2327-12-29 11:23:12	0.750731126	1.290968874	0.775449655º	1.317396565º	224.5671871	55.98431522	0.983726945	Penumbral
1000	15852	2571488.338	2328-05-24 20:07:03	0.732229122	1.309470878	0.688549939º	1.215574973º	229.81046	61.54249794	1.011579608	Umbral
1000	15853	2571488.338									
1000	15854	2571488.338									
1000	15855	2571488.338									
1000	15856	2571488.338									
1000	15857	2571517.898	2328-06-23 09:33:45	0.727316616	1.314383384	0.669410753º	1.194231974º	230.5832014	62.88199119	1.015827404	Grazing
1000	15858	2571666.042	2328-11-18 13:00:18	0.735130202	1.306569798	0.713568146º	1.252224223º	225.0327919	59.6105565	0.989736867	Umbral
1000	15859	2571666.042									
1000	15860	2571666.042									
1000	15861	2571666.042									
1000	15862	2571666.042									
1000	15863	2571842.726	2329-05-14 05:25:25	0.746705602	1.294994398	0.741185974º	1.269460676º	230.0423861	58.27485489	1.009186652	Total
1000	15864	2571842.726									
1000	15865	2571842.726									
1000	15866	2571842.726									
1000	15867	2571842.726									
1000	15868	2571842.726									
1000	15869	2572020.263	2329-11-07 18:19:21	0.721103013	1.320596987	0.665849411º	1.203037803º	224.8254478	62.70888993	0.992440988	Total
1000	15870	2572020.263									
1000	15871	2572020.263									
1000	15872	2572020.263									
1000	15873	2572020.263									
1000	15874	2572020.263									
1000	15875	2572197.356	2330-05-03 20:32:39	0.755820752	1.285879248	0.778598834º	1.308263271º	229.8944782	56.1421926	1.006538746	Umbral
1000	15876	2572197.356									
1000	15877	2572197.356									

1000	15878	2572197.356									
1000	15879	2572197.356									
1000	15880	2572374.259	2330-10-27 18:13:30	0.71748944	1.32421056	0.652936478º	1.188520239º	225.2633589	63.64491458	0.995414381	Umbral
1000	15881	2572374.259									
1000	15882	2572374.259									
1000	15883	2572374.259									
1000	15884	2572374.259									
1000	15885	2572374.259									
1000	15886	2572522.655	2331-03-25 03:42:34	0.74592446	1.29577554	0.74839259º	1.283983078º	226.8845789	57.65229138	0.995401878	Penumbral
1000	15887	2572522.655									
1000	15888	2572522.655									
1000	15889	2572522.655									
1000	15890	2572522.655									
1000	15891	2572552.051	2331-04-23 13:14:09	0.753446332	1.288253668	0.771226531º	1.302388002º	229.1402549	56.50203822	1.0037019	Penumbral
1000	15892	2572698.779	2331-09-17 06:42:10	0.738136944	1.303563056	0.712147517º	1.241703086º	229.0016273	59.97322008	1.006745675	Penumbral
1000	15893	2572698.779									
1000	15894	2572698.779									
1000	15895	2572698.779									
1000	15896	2572698.779									
1000	15897	2572728.327	2331-10-16 19:50:12	0.727866145	1.313833855	0.683443403º	1.21734889º	226.5311763	61.65270544	0.998543359	Penumbral
1000	15898	2572877.076	2332-03-13 13:49:36	0.729744755	1.311955245	0.693668779º	1.230808207º	225.2945188	60.89301772	0.992531455	Umbral
1000	15899	2572877.076									
1000	15900	2572877.076									
1000	15901	2572877.076									
1000	15902	2572877.076									
1000	15903	2573053.299	2332-09-05 19:11:14	0.752689761	1.289010239	0.763717271º	1.291884454º	230.4429858	56.99751315	1.009392092	Umbral
1000	15904	2573053.299									
1000	15905	2573053.299									
1000	15906	2573053.299									
1000	15907	2573053.299									
1000	15908	2573231.188	2333-03-02 16:31:10	0.716916797	1.324783203	0.654771791º	1.193377327º	223.9947501	63.41480429	0.98982974	Total
1000	15909	2573231.188									
1000	15910	2573231.188									
1000	15911	2573231.188									
1000	15912	2573231.188									
1000	15913	2573231.188									
1000	15914	2573407.993	2333-08-26 11:49:43	0.757845817	1.283854183	0.782685734º	1.309660116º	231.2051757	55.99406805	1.011676841	Total
1000	15915	2573407.993									
1000	15916	2573407.993									
1000	15917	2573407.993									
1000	15918	2573407.993									
1000	15919	2573407.993									
1000	15920	2573585.158	2334-02-19 15:48:11	0.717346643	1.324353357	0.657391442º	1.197294853º	223.5439232	63.19111655	0.987450286	Umbral
1000	15921	2573585.158									

1000	15922	2573585.158									
1000	15923	2573585.158									
1000	15924	2573585.158									
1000	15925	2573585.158									
1000	15926	2573733.299	2334-07-17 19:09:51	0.745011266	1.296688734	0.729184225º	1.25368951º	231.7186825	59.09195781	1.016439285	Grazing
1000	15927	2573733.299									
1000	15928	2573733.299									
1000	15929	2573733.299									
1000	15930	2573733.299									
1000	15931	2573762.667	2334-08-16 04:00:26	0.751156142	1.290543858	0.754629773º	1.280611737º	231.3173927	57.56843677	1.013585663	Umbral
1000	15932	2573909.72	2335-01-10 05:16:45	0.73817994	1.30352006	0.728623721º	1.270754166º	223.8234902	58.60777763	0.983393909	Penumbral
1000	15933	2573909.72									
1000	15934	2573909.72									
1000	15935	2573909.72									
1000	15936	2573939.302	2335-02-08 19:15:20	0.730243038	1.311456962	0.699674999º	1.240596896º	223.8723872	60.39718061	0.985591046	Penumbral
1000	15937	2574087.622	2335-07-07 02:56:24	0.730333216	1.311366784	0.678682554º	1.203168289º	230.9001485	62.27196483	1.016477175	Penumbral
1000	15938	2574087.622									
1000	15939	2574087.622									
1000	15940	2574087.622									
1000	15941	2574087.622									
1000	15942	2574117.135	2335-08-05 15:14:33	0.736972404	1.304727596	0.701950947º	1.227176638º	230.9125053	60.74242794	1.015045127	Grazing
1000	15943	2574264.282	2335-12-30 18:45:24	0.749659513	1.292040487	0.771244031º	1.313206111º	224.5088908	56.2103339	0.983699409	Umbral
1000	15944	2574264.282									
1000	15945	2574264.282									
1000	15946	2574264.282									
1000	15947	2574264.282									
1000	15948	2574441.686	2336-06-25 04:27:49	0.723577661	1.318122339	0.657629362º	1.182389387º	230.3926383	63.69135256	1.015945866	Total
1000	15949	2574441.686									
1000	15950	2574441.686									
1000	15951	2574441.686									
1000	15952	2574441.686									
1000	15953	2574441.686									
1000	15954	2574618.937	2336-12-19 10:28:34	0.749460462	1.292239538	0.769858957º	1.311359288º	224.6793083	56.2977067	0.98453823	Total
1000	15955	2574618.937									
1000	15956	2574618.937									
1000	15957	2574618.937									
1000	15958	2574618.937									
1000	15959	2574618.937									
1000	15960	2574795.752	2337-06-14 06:02:59	0.730214734	1.311485266	0.679506754º	1.204835834º	230.4936879	62.18967204	1.014845359	Total
1000	15961	2574795.752									
1000	15962	2574795.752									
1000	15963	2574795.752									
1000	15964	2574795.752									
1000	15965	2574973.49	2337-12-08 23:45:41	0.737887069	1.303812931	0.72586463º	1.266620296º	224.3474588	58.81064386	0.985894019	Umbral

1000	15966	2574973.49									
1000	15967	2574973.49									
1000	15968	2574973.49									
1000	15969	2574973.49									
1000	15970	2574973.49									
1000	15971	2575120.691	2338-05-05 04:35:31	0.749808954	1.291891046	0.754783897º	1.284275082º	229.6436904	57.46131999	1.006868089	Penumbral
1000	15972	2575120.691									
1000	15973	2575120.691									
1000	15974	2575120.691									
1000	15975	2575120.691									
1000	15976	2575150.08	2338-06-03 13:54:44	0.744574459	1.297125541	0.730137292º	1.256289534º	230.9093725	58.98646313	1.013257638	Penumbral
1000	15977	2575298.066	2338-10-29 13:35:30	0.719124595	1.322575405	0.658074347º	1.193930538º	225.2810136	63.28157817	0.99490831	Penumbral
1000	15978	2575298.066									
1000	15979	2575298.066									
1000	15980	2575298.066									
1000	15981	2575298.066									
1000	15982	2575327.776	2338-11-28 06:37:19	0.722695542	1.319004458	0.673774993º	1.213501214º	223.9101423	62.09709998	0.987774461	Penumbral
1000	15983	2575475.356	2339-04-24 20:32:29	0.755989956	1.285710044	0.781261766º	1.312226062º	229.3253052	55.96443245	1.004074627	Umbral
1000	15984	2575475.356									
1000	15985	2575475.356									
1000	15986	2575475.356									
1000	15987	2575475.356									
1000	15988	2575504.678	2339-05-24 04:16:00	0.755704992	1.285995008	0.774401457º	1.301585033º	230.9897853	56.43634707	1.011275392	Grazing
1000	15989	2575652.052	2339-10-18 13:14:59	0.719728933	1.321971067	0.658080799º	1.192241329º	225.9707513	63.33874553	0.998066589	Umbral
1000	15990	2575652.052									
1000	15991	2575652.052									
1000	15992	2575652.052									
1000	15993	2575830.031	2340-04-13 12:45:17	0.750128001	1.291571999	0.760179064º	1.292724897º	228.3854346	57.0736971	1.00109276	Total
1000	15994	2575830.031									
1000	15995	2575830.031									
1000	15996	2575830.031									
1000	15997	2575830.031									
1000	15998	2575830.031									
1000	15999	2576006.194	2340-10-06 16:39:35	0.732976543	1.308723457	0.698473428º	1.230927477º	227.4326409	60.73588451	1.001265328	Total
1000	16000	2576006.194									
1000	16001	2576006.194									
1000	16002	2576006.194									
1000	16003	2576006.194									
1000	16004	2576006.194									
1000	16005	2576184.526	2341-04-03 00:37:06	0.734995081	1.306704919	0.707583738º	1.241778565º	226.814019	60.11294459	0.998002508	Umbral
1000	16006	2576184.526									
1000	16007	2576184.526									
1000	16008	2576184.526									
1000	16009	2576184.526									

1000	16010	2576184.526									
1000	16011	2576331.293	2341-08-27 19:02:37	0.755685289	1.286014711	0.774103977º	1.301204142º	231.0467575	56.45481504	1.011435422	Grazing
1000	16012	2576331.293									
1000	16013	2576331.293									
1000	16014	2576331.293									
1000	16015	2576331.293									
1000	16016	2576360.645	2341-09-26 03:29:04	0.748803011	1.292896989	0.752639403º	1.283485619º	229.0558955	57.54465793	1.00429797	Umbral
1000	16017	2576508.965	2342-02-21 11:09:26	0.715079628	1.326620372	0.65038355º	1.190119728º	223.4788237	63.67928455	0.987756239	Penumbral
1000	16018	2576508.965									
1000	16019	2576508.965									
1000	16020	2576508.965									
1000	16021	2576538.714	2342-03-23 05:07:49	0.720291317	1.321408683	0.661882673º	1.197746727º	225.2906373	63.02146247	0.994893712	Penumbral
1000	16022	2576686.004	2342-08-17 12:05:33	0.757377358	1.284322642	0.779413677º	1.305493315º	231.583222	56.19407259	1.013397478	Penumbral
1000	16023	2576686.004									
1000	16024	2576686.004									
1000	16025	2576686.004									
1000	16026	2576686.004									
1000	16027	2576715.309	2342-09-15 19:24:43	0.756715981	1.284984019	0.781780854º	1.311149953º	230.0694082	55.97896971	1.007100298	Penumbral
1000	16028	2576862.953	2343-02-10 10:52:04	0.719837582	1.321862418	0.666075149º	1.206869821º	223.3277261	62.57378792	0.985822912	Umbral
1000	16029	2576862.953									
1000	16030	2576862.953									
1000	16031	2576862.953									
1000	16032	2576862.953									
1000	16033	2577040.641	2343-08-07 03:22:26	0.747793677	1.293906323	0.740742584º	1.266043435º	231.4772519	58.38643073	1.014899894	Umbral
1000	16034	2577040.641									
1000	16035	2577040.641									
1000	16036	2577040.641									
1000	16037	2577040.641									
1000	16038	2577040.641									
1000	16039	2577217.18	2344-01-30 16:19:01	0.734660485	1.307039515	0.715517411º	1.257050822º	223.863785	59.40609195	0.98447809	Total
1000	16040	2577217.18									
1000	16041	2577217.18									
1000	16042	2577217.18									
1000	16043	2577217.18									
1000	16044	2577217.18									
1000	16045	2577395.029	2344-07-26 12:41:21	0.733089969	1.308610031	0.688164731º	1.212927924º	230.917815	61.64022796	1.015939732	Total
1000	16046	2577395.029									
1000	16047	2577395.029									
1000	16048	2577395.029									
1000	16049	2577395.029									
1000	16050	2577571.694	2345-01-19 04:39:12	0.747850605	1.293849395	0.764197452º	1.306182565º	224.4169863	56.59321495	0.983657603	Umbral
1000	16051	2577571.694									
1000	16052	2577571.694									
1000	16053	2577571.694									

1000	16054	2577571.694									
1000	16055	2577571.694									
1000	16056	2577719.507	2345-06-16 00:09:50	0.723934871	1.317765129	0.659345986º	1.184585062º	230.2005061	63.55602784	1.015019258	Grazing
1000	16057	2577719.507									
1000	16058	2577719.507									
1000	16059	2577719.507									
1000	16060	2577719.507									
1000	16061	2577749.133	2345-07-15 15:10:50	0.724053482	1.317646518	0.658714516º	1.183204129º	230.5508879	63.62540505	1.01646966	Penumbral
1000	16062	2577896.893	2345-12-10 09:25:25	0.747290847	1.294409153	0.760609515º	1.301467301º	224.8227164	56.82133448	0.985707873	Penumbral
1000	16063	2577896.893									
1000	16064	2577896.893									
1000	16065	2577896.893									
1000	16066	2577896.893									
1000	16067	2577926.344	2346-01-08 20:15:06	0.750475784	1.291224216	0.774680343º	1.316803391º	224.4840759	56.02091167	0.983407327	Penumbral
1000	16068	2578073.627	2346-06-05 03:03:29	0.73367182	1.30802818	0.691941197º	1.217973767º	230.3518977	61.35518082	1.013488154	Umbral
1000	16069	2578073.627									
1000	16070	2578073.627									
1000	16071	2578073.627									
1000	16072	2578103.172	2346-07-04 16:08:18	0.728127867	1.313572133	0.671575113º	1.196090614º	230.7713841	62.74611092	1.016419491	Grazing
1000	16073	2578251.386	2346-11-29 21:16:20	0.733685346	1.308014654	0.710086799º	1.249955817º	224.4714961	59.78618499	0.987513193	Umbral
1000	16074	2578251.386									
1000	16075	2578251.386									
1000	16076	2578251.386									
1000	16077	2578251.386									
1000	16078	2578428.037	2347-05-25 12:53:39	0.74815667	1.29354333	0.744822467º	1.271870854º	230.6710491	58.09940403	1.011534787	Total
1000	16079	2578428.037									
1000	16080	2578428.037									
1000	16081	2578428.037									
1000	16082	2578428.037									
1000	16083	2578428.037									
1000	16084	2578605.587	2347-11-19 02:05:25	0.719768484	1.321931516	0.66334242º	1.201950957º	224.1886603	62.83045631	0.989824226	Total
1000	16085	2578605.587									
1000	16086	2578605.587									
1000	16087	2578605.587									
1000	16088	2578605.587									
1000	16089	2578605.587									
1000	16090	2578782.681	2348-05-14 04:21:18	0.756725602	1.284974398	0.780153794º	1.308429193º	230.5575336	56.09549069	1.009185319	Umbral
1000	16091	2578782.681									
1000	16092	2578782.681									
1000	16093	2578782.681									
1000	16094	2578782.681									
1000	16095	2578782.681									
1000	16096	2578959.572	2348-11-07 01:44:23	0.716817452	1.324882548	0.652708706º	1.189825123º	224.5988065	63.60809719	0.992573976	Umbral
1000	16097	2578959.572									

1000	16098	2578959.572									
1000	16099	2578959.572									
1000	16100	2578959.572									
1000	16101	2579107.993	2349-04-04 11:50:24	0.745976141	1.295723859	0.74638814º	1.280367792º	227.5599088	57.81209825	0.99840467	Penumbral
1000	16102	2579107.993									
1000	16103	2579107.993									
1000	16104	2579107.993									
1000	16105	2579107.993									
1000	16106	2579137.38	2349-05-03 21:07:40	0.753706578	1.287993422	0.770004643º	1.29965809º	229.819902	56.60978752	1.006559629	Penumbral
1000	16107	2579284.092	2349-09-27 14:12:39	0.73825192	1.30344808	0.714630692º	1.245692095º	228.3454633	59.77516214	1.003891027	Penumbral
1000	16108	2579284.092									
1000	16109	2579284.092									
1000	16110	2579284.092									
1000	16111	2579284.092									
1000	16112	2579313.646	2349-10-27 03:30:15	0.727811456	1.313888544	0.685280145º	1.220789146º	225.8586974	61.48206924	0.995553346	Penumbral
1000	16113	2579462.405	2350-03-24 21:42:53	0.729700317	1.311999683	0.691619251º	1.227228711º	225.9183989	61.07164598	0.99536662	Umbral
1000	16114	2579462.405									
1000	16115	2579462.405									
1000	16116	2579462.405									
1000	16117	2579462.405									
1000	16118	2579491.939	2350-04-23 10:32:46	0.740222424	1.301477576	0.72172569º	1.252889577º	228.4079735	59.34150705	1.003697335	Grazing
1000	16119	2579638.622	2350-09-17 02:55:22	0.752599683	1.289100317	0.765434335º	1.294974169º	229.8217458	56.86459062	1.006775587	Umbral
1000	16120	2579638.622									
1000	16121	2579638.622									
1000	16122	2579638.622									
1000	16123	2579638.622									
1000	16124	2579816.508	2351-03-14 00:12:09	0.717363593	1.324336407	0.654505759º	1.191712507º	224.5825575	63.48085754	0.992407076	Total
1000	16125	2579816.508									
1000	16126	2579816.508									
1000	16127	2579816.508									
1000	16128	2579816.508									
1000	16129	2579993.315	2351-09-06 19:32:59	0.757156035	1.284543965	0.781752562º	1.30993445º	230.6224916	56.01203961	1.00936399	Total
1000	16130	2579993.315									
1000	16131	2579993.315									
1000	16132	2579993.315									
1000	16133	2579993.315									
1000	16134	2579993.315									
1000	16135	2580170.485	2352-03-01 23:38:49	0.718459232	1.323240768	0.659404899º	1.198086389º	224.0860991	63.09506614	0.989690174	Umbral
1000	16136	2580170.485									
1000	16137	2580170.485									
1000	16138	2580170.485									
1000	16139	2580170.485									
1000	16140	2580170.485									
1000	16141	2580318.595	2352-07-28 02:16:36	0.743910114	1.297789886	0.725667987º	1.250484661º	231.5094014	59.29348968	1.015836204	Grazing

1000	16142	2580318.595									
1000	16143	2580318.595									
1000	16144	2580318.595									
1000	16145	2580318.595									
1000	16146	2580347.977	2352-08-26 11:27:05	0.749889755	1.291810245	0.751308339º	1.278293023º	230.7884074	57.72904038	1.011657063	Umbral
1000	16147	2580495.08	2353-01-20 13:54:51	0.739031474	1.302668526	0.731444926º	1.273413079º	223.9382356	58.44715388	0.983688387	Penumbral
1000	16148	2580495.08									
1000	16149	2580495.08									
1000	16150	2580495.08									
1000	16151	2580495.08									
1000	16152	2580524.648	2353-02-19 03:33:21	0.731568084	1.310131916	0.702944235º	1.24290464º	224.3299038	60.22338	0.987346059	Penumbral
1000	16153	2580672.899	2353-07-17 09:34:37	0.729575543	1.312124457	0.67625738º	1.200755665º	230.8482818	62.43286447	1.016452852	Penumbral
1000	16154	2580672.899									
1000	16155	2580672.899									
1000	16156	2580672.899									
1000	16157	2580702.425	2353-08-15 22:11:38	0.735616523	1.306083477	0.698439946º	1.224401236º	230.4821452	60.94170674	1.013625505	Grazing
1000	16158	2580849.65	2354-01-10 03:36:37	0.749884763	1.291815237	0.772315052º	1.314440515º	224.4623524	56.14813255	0.983402948	Umbral
1000	16159	2580849.65									
1000	16160	2580849.65									
1000	16161	2580849.65									
1000	16162	2580849.65									
1000	16163	2581026.954	2354-07-06 10:53:26	0.723781994	1.317918006	0.657901889º	1.182381308º	230.5295223	63.68208812	1.016489416	Total
1000	16164	2581026.954									
1000	16165	2581026.954									
1000	16166	2581026.954									
1000	16167	2581026.954									
1000	16168	2581026.954									
1000	16169	2581204.304	2354-12-30 19:17:21	0.748901998	1.292798002	0.768259005º	1.310224059º	224.4758318	56.37207579	0.983694011	Total
1000	16170	2581204.304									
1000	16171	2581204.304									
1000	16172	2581204.304									
1000	16173	2581204.304									
1000	16174	2581204.304									
1000	16175	2581381.032	2355-06-25 12:46:10	0.731323959	1.310376041	0.682362984º	1.207143068º	230.810484	62.01914341	1.015907031	Total
1000	16176	2581381.032									
1000	16177	2581381.032									
1000	16178	2581381.032									
1000	16179	2581381.032									
1000	16180	2581381.032									
1000	16181	2581558.845	2355-12-20 08:16:37	0.736727352	1.304972648	0.722695318º	1.264195091º	223.9905683	58.97683637	0.984539246	Umbral
1000	16182	2581558.845									
1000	16183	2581558.845									
1000	16184	2581558.845									
1000	16185	2581558.845									

1000	16186	2581706.01	2356-05-15 12:14:31	0.7511827	1.2905173	0.758041721°	1.28618661°	230.3247638	57.31533943	1.009434701	Penumbral
1000	16187	2581706.01									
1000	16188	2581706.01									
1000	16189	2581706.01									
1000	16190	2581706.01									
1000	16191	2581735.381	2356-06-13 21:08:44	0.745911603	1.295788397	0.733801332°	1.259175512°	231.3588432	58.79194154	1.014758239	Penumbral
1000	16192	2581883.382	2356-11-08 21:09:51	0.717894929	1.323805071	0.656121777°	1.193463321°	224.594977	63.36504692	0.992158123	Penumbral
1000	16193	2581883.382									
1000	16194	2581883.382									
1000	16195	2581883.382									
1000	16196	2581883.382									
1000	16197	2581913.112	2356-12-08 14:40:37	0.721470409	1.320229591	0.671117243°	1.211829089°	223.4403809	62.24055396	0.985973919	Penumbral
1000	16198	2582060.686	2357-05-05 04:28:04	0.756732223	1.284967777	0.782000364°	1.311497086°	230.0224678	55.96381577	1.006857559	Umbral
1000	16199	2582060.686									
1000	16200	2582060.686									
1000	16201	2582060.686									
1000	16202	2582060.686									
1000	16203	2582089.995	2357-06-03 11:52:08	0.75662016	1.28507984	0.776446923°	1.302629489°	231.5118771	56.35203744	1.013199242	Grazing
1000	16204	2582237.362	2357-10-28 20:41:06	0.71924411	1.32245589	0.658539712°	1.194273126°	225.278224	63.253874	0.995136318	Umbral
1000	16205	2582237.362									
1000	16206	2582237.362									
1000	16207	2582237.362									
1000	16208	2582237.362									
1000	16209	2582415.362	2358-04-24 20:41:49	0.750267696	1.291432304	0.758427842°	1.289392142°	229.0803011	57.21530825	1.004074619	Total
1000	16210	2582415.362									
1000	16211	2582415.362									
1000	16212	2582415.362									
1000	16213	2582415.362									
1000	16214	2582591.513	2358-10-18 00:19:22	0.733002012	1.308697988	0.700668391°	1.234746282°	226.7474683	60.54717131	0.998221022	Total
1000	16215	2582591.513									
1000	16216	2582591.513									
1000	16217	2582591.513									
1000	16218	2582591.513									
1000	16219	2582591.513									
1000	16220	2582769.848	2359-04-14 08:20:31	0.734949113	1.306750887	0.70530368°	1.237861878°	227.4980133	60.30464425	1.001069515	Umbral
1000	16221	2582769.848									
1000	16222	2582769.848									
1000	16223	2582769.848									
1000	16224	2582769.848									
1000	16225	2582769.848									
1000	16226	2582945.975	2359-10-07 11:23:18	0.748722802	1.292977198	0.754586536°	1.287044344°	228.365366	57.38953278	1.001258259	Umbral
1000	16227	2582945.975									
1000	16228	2582945.975									
1000	16229	2582945.975									

1000	16230	2582945.975									
1000	16231	2582945.975									
1000	16232	2583094.288	2360-03-03 18:54:40	0.715666084	1.326033916	0.650754707º	1.189211118º	224.0039144	63.69752818	0.990103872	Penumbral
1000	16233	2583094.288									
1000	16234	2583094.288									
1000	16235	2583094.288									
1000	16236	2583094.288									
1000	16237	2583124.025	2360-04-02 12:36:15	0.720679152	1.321020848	0.66115514º	1.195395995º	225.9767206	63.12571773	0.997916526	Penumbral
1000	16238	2583271.321	2360-08-27 19:42:38	0.756558737	1.285141263	0.777695023º	1.30483382º	231.0697943	56.25864683	1.011361298	Penumbral
1000	16239	2583271.321									
1000	16240	2583271.321									
1000	16241	2583271.321									
1000	16242	2583300.639	2360-09-26 03:20:03	0.756068793	1.285631207	0.781397807º	1.312287503º	229.3776529	55.95912382	1.004215718	Penumbral
1000	16243	2583448.287	2361-02-20 18:53:01	0.720999471	1.320700529	0.668533947º	1.208307512º	223.7897663	62.44323681	0.987687824	Umbral
1000	16244	2583448.287									
1000	16245	2583448.287									
1000	16246	2583448.287									
1000	16247	2583448.287									
1000	16248	2583625.944	2361-08-17 10:39:22	0.74650203	1.29519797	0.73715835º	1.263249478º	231.0348309	58.57323348	1.013375344	Umbral
1000	16249	2583625.944									
1000	16250	2583625.944									
1000	16251	2583625.944									
1000	16252	2583625.944									
1000	16253	2583625.944									
1000	16254	2583802.533	2362-02-10 00:47:27	0.73584038	1.30585962	0.718705886º	1.259519295º	224.2182039	59.23560713	0.985788756	Total
1000	16255	2583802.533									
1000	16256	2583802.533									
1000	16257	2583802.533									
1000	16258	2583802.533									
1000	16259	2583802.533									
1000	16260	2583980.311	2362-08-06 19:27:48	0.731932408	1.309767592	0.685108452º	1.210383064º	230.6024815	61.82297172	1.014950591	Total
1000	16261	2583980.311									
1000	16262	2583980.311									
1000	16263	2583980.311									
1000	16264	2583980.311									
1000	16265	2584157.06	2363-01-30 13:26:56	0.74848004	1.29321996	0.766062116º	1.307618791º	224.619124	56.50281692	0.984435799	Umbral
1000	16266	2584157.06									
1000	16267	2584157.06									
1000	16268	2584157.06									
1000	16269	2584157.06									
1000	16270	2584157.06									
1000	16271	2584304.777	2363-06-27 06:38:46	0.724532366	1.317167634	0.660523658º	1.185231897º	230.4705314	63.49287796	1.016046135	Grazing
1000	16272	2584304.777									
1000	16273	2584304.777									

1000	16274	2584304.777									
1000	16275	2584304.777									
1000	16276	2584334.401	2363-07-26 21:36:46	0.723740824	1.317959176	0.658104255º	1.182830372º	230.4136685	63.65957486	1.016011517	Umbral
1000	16277	2584482.256	2363-12-21 18:08:41	0.746445359	1.295254641	0.758274º	1.299872741º	224.5027608	56.9302732	0.984359337	Penumbral
1000	16278	2584482.256									
1000	16279	2584482.256									
1000	16280	2584482.256									
1000	16281	2584482.256									
1000	16282	2584511.713	2364-01-20 05:06:54	0.750325408	1.291374592	0.773904549º	1.315904117º	224.5290313	56.06588623	0.983631371	Penumbral
1000	16283	2584658.915	2364-06-15 09:57:07	0.735006998	1.306693002	0.695325465º	1.220587971º	230.7849113	61.16239538	1.014973983	Penumbral
1000	16284	2584658.915									
1000	16285	2584658.915									
1000	16286	2584658.915									
1000	16287	2584658.915									
1000	16288	2584688.447	2364-07-14 22:43:23	0.728815394	1.312884606	0.673740836º	1.198223578º	230.8237039	62.60165658	1.016482975	Grazing
1000	16289	2584836.734	2364-12-10 05:36:59	0.732359197	1.309340803	0.706760252º	1.247609713º	224.0103408	59.96041492	0.985723045	Umbral
1000	16290	2584836.734									
1000	16291	2584836.734									
1000	16292	2584836.734									
1000	16293	2585013.346	2365-06-04 20:17:54	0.749488651	1.292211349	0.748315627º	1.274369793º	231.2077449	57.9266338	1.013446546	Total
1000	16294	2585013.346									
1000	16295	2585013.346									
1000	16296	2585013.346									
1000	16297	2585013.346									
1000	16298	2585013.346									
1000	16299	2585190.915	2365-11-29 09:57:45	0.718572896	1.323127104	0.661072142º	1.200888328º	223.6382901	62.94358458	0.98760984	Total
1000	16300	2585190.915									
1000	16301	2585190.915									
1000	16302	2585190.915									
1000	16303	2585190.915									
1000	16304	2585190.915									
1000	16305	2585368.003	2366-05-25 12:04:14	0.757514199	1.284185801	0.781477735º	1.308533245º	231.1476486	56.05677976	1.011521116	Total
1000	16306	2585368.003									
1000	16307	2585368.003									
1000	16308	2585368.003									
1000	16309	2585368.003									
1000	16310	2585368.003									
1000	16311	2585544.892	2366-11-18 09:23:47	0.716265845	1.325434155	0.652669352º	1.1911868º	224.0025354	63.56280479	0.989991652	Umbral
1000	16312	2585544.892									
1000	16313	2585544.892									
1000	16314	2585544.892									
1000	16315	2585544.892									
1000	16316	2585544.892									
1000	16317	2585693.326	2367-04-15 19:49:15	0.74601441	1.29568559	0.744273181º	1.276643221º	228.2518456	57.97911364	1.001423329	Penumbral

1000	16318	2585693.326									
1000	16319	2585693.326									
1000	16320	2585693.326									
1000	16321	2585722.704	2367-05-15 04:53:35	0.753872165	1.287827835	0.768569281º	1.296842175º	230.4476358	56.72622293	1.009190105	Penumbral
1000	16322	2585869.411	2367-10-08 21:52:29	0.738324617	1.303375383	0.717044489º	1.249693188º	227.6636553	59.58017052	1.000899428	Penumbral
1000	16323	2585869.411									
1000	16324	2585869.411									
1000	16325	2585869.411									
1000	16326	2585869.411									
1000	16327	2585898.972	2367-11-07 11:19:57	0.727814214	1.313885786	0.687181313º	1.224222239º	225.2306333	61.31051272	0.992713499	Penumbral
1000	16328	2586047.727	2368-04-04 05:26:29	0.729708394	1.311991606	0.689619217º	1.223626351º	226.5867349	61.25044965	0.998353286	Umbral
1000	16329	2586047.727									
1000	16330	2586047.727									
1000	16331	2586047.727									
1000	16332	2586047.727									
1000	16333	2586077.255	2368-05-03 18:06:46	0.74010964	1.30159036	0.719211243º	1.248880125º	229.0660259	59.53826773	1.006530297	Grazing
1000	16334	2586223.949	2368-09-27 10:47:08	0.752415785	1.289284215	0.766943796º	1.297990056º	229.1480454	56.74006981	1.003919654	Umbral
1000	16335	2586223.949									
1000	16336	2586223.949									
1000	16337	2586223.949									
1000	16338	2586223.949									
1000	16339	2586401.823	2369-03-24 07:44:26	0.717928711	1.323771289	0.654413906º	1.190102367º	225.2390041	63.53910598	0.995219827	Total
1000	16340	2586401.823									
1000	16341	2586401.823									
1000	16342	2586401.823									
1000	16343	2586401.823									
1000	16344	2586401.823									
1000	16345	2586578.64	2369-09-17 03:22:01	0.756348562	1.285351438	0.780586596º	1.310131696º	229.9663627	56.03838387	1.006765575	Total
1000	16346	2586578.64									
1000	16347	2586578.64									
1000	16348	2586578.64									
1000	16349	2586578.64									
1000	16350	2586755.808	2370-03-13 07:23:00	0.719714192	1.321985808	0.661631928º	1.198932518º	224.7150575	62.99015462	0.992233749	Umbral
1000	16351	2586755.808									
1000	16352	2586755.808									
1000	16353	2586755.808									
1000	16354	2586755.808									
1000	16355	2586755.808									
1000	16356	2586903.891	2370-08-08 09:23:43	0.742657968	1.299042032	0.72203244º	1.247421612º	231.1691954	59.4957922	1.014729283	Grazing
1000	16357	2586903.891									
1000	16358	2586903.891									
1000	16359	2586903.891									
1000	16360	2586903.891									
1000	16361	2586933.29	2370-09-06 18:57:42	0.748501096	1.293198904	0.747837843º	1.276031362º	230.167085	57.8932345	1.009341763	Umbral

1000	16362	2587080.439	2371-01-31 22:31:58	0.740014077	1.301685923	0.734393448º	1.275865396º	224.1785831	58.28962386	0.984589839	Penumbral
1000	16363	2587080.439									
1000	16364	2587080.439									
1000	16365	2587080.439									
1000	16366	2587080.439									
1000	16367	2587109.991	2371-03-02 11:46:42	0.733017232	1.308682768	0.706400218º	1.245130756º	224.8877533	60.04725893	0.989600069	Penumbral
1000	16368	2587258.175	2371-07-28 16:12:04	0.728690919	1.313009081	0.673809986º	1.198620724º	230.6605677	62.58612842	1.015847695	Penumbral
1000	16369	2587258.175									
1000	16370	2587258.175									
1000	16371	2587258.175									
1000	16372	2587258.175									
1000	16373	2587287.716	2371-08-27 05:11:21	0.734149077	1.307550923	0.694877007º	1.221858762º	229.9431133	61.1365933	1.011662686	Penumbral
1000	16374	2587435.019	2372-01-21 12:27:54	0.750216121	1.291483879	0.773411202º	1.315348822º	224.5436932	56.0940822	0.983743808	Umbral
1000	16375	2587435.019									
1000	16376	2587435.019									
1000	16377	2587435.019									
1000	16378	2587612.221	2372-07-16 17:18:31	0.723872902	1.317827098	0.658184952º	1.18269884º	230.5300163	63.66127007	1.016422615	Umbral
1000	16379	2587612.221									
1000	16380	2587612.221									
1000	16381	2587612.221									
1000	16382	2587612.221									
1000	16383	2587612.221									
1000	16384	2587789.672	2373-01-10 04:07:15	0.748450634	1.293249366	0.766689341º	1.308789148º	224.3983937	56.45390301	0.983449488	Total
1000	16385	2587789.672									
1000	16386	2587789.672									
1000	16387	2587789.672									
1000	16388	2587789.672									
1000	16389	2587789.672									
1000	16390	2587966.312	2373-07-05 19:28:56	0.732307338	1.309392662	0.685198504º	1.209705686º	230.9963595	61.84195151	1.016435612	Total
1000	16391	2587966.312									
1000	16392	2587966.312									
1000	16393	2587966.312									
1000	16394	2587966.312									
1000	16395	2587966.312									
1000	16396	2588144.201	2373-12-30 16:49:45	0.735700275	1.305999725	0.719652431º	1.261625695º	223.7543333	59.1444287	0.983679111	Umbral
1000	16397	2588144.201									
1000	16398	2588144.201									
1000	16399	2588144.201									
1000	16400	2588144.201									
1000	16401	2588144.201									
1000	16402	2588291.325	2374-05-26 19:48:30	0.752449529	1.289250471	0.761172753º	1.288094966º	230.931427	57.17376424	1.011777004	Grazing
1000	16403	2588291.325									
1000	16404	2588291.325									
1000	16405	2588291.325									

1000	16406	2588320.681	2374-06-25 04:21:05	0.747103355	1.294596645	0.737365067º	1.262149153º	231.6865272	58.5991206	1.015899284	Umbral
1000	16407	2588468.702	2374-11-20 04:51:34	0.716789558	1.324910442	0.654348119º	1.193102741º	223.9791405	63.4388812	0.989555831	Grazing
1000	16408	2588468.702									
1000	16409	2588468.702									
1000	16410	2588468.702									
1000	16411	2588468.702									
1000	16412	2588498.45	2374-12-19 22:47:46	0.720410969	1.321289031	0.668660101º	1.21016553º	223.0841307	62.37765082	0.984528962	Penumbral
1000	16413	2588646.012	2375-05-16 12:16:59	0.757376183	1.284323817	0.782541336º	1.310643241º	230.6661091	55.97185807	1.009516863	Umbral
1000	16414	2588646.012									
1000	16415	2588646.012									
1000	16416	2588646.012									
1000	16417	2588646.012									
1000	16418	2588675.309	2375-06-14 19:24:37	0.757385041	1.284314959	0.778276686º	1.303622383º	231.9252276	56.2752593	1.014813257	Grazing
1000	16419	2588822.678	2375-11-09 04:16:33	0.718848633	1.322851367	0.659118747º	1.196395168º	224.6346877	63.16204022	0.992278382	Umbral
1000	16420	2588822.678									
1000	16421	2588822.678									
1000	16422	2588822.678									
1000	16423	2588822.678									
1000	16424	2589000.687	2376-05-05 04:29:58	0.750338621	1.291361379	0.756507933º	1.285970178º	229.7446362	57.36490323	1.006923125	Total
1000	16425	2589000.687									
1000	16426	2589000.687									
1000	16427	2589000.687									
1000	16428	2589000.687									
1000	16429	2589000.687									
1000	16430	2589176.84	2376-10-28 08:08:55	0.733047267	1.308652733	0.702873294º	1.238543825º	226.0845882	60.35997133	0.99525314	Total
1000	16431	2589176.84									
1000	16432	2589176.84									
1000	16433	2589176.84									
1000	16434	2589176.84									
1000	16435	2589355.163	2377-04-24 15:54:09	0.734892422	1.306807578	0.702974397º	1.233972691º	228.1798172	60.49827277	1.00401034	Umbral
1000	16436	2589355.163									
1000	16437	2589355.163									
1000	16438	2589355.163									
1000	16439	2589355.163									
1000	16440	2589355.163									
1000	16441	2589531.31	2377-10-17 19:26:12	0.748600983	1.293099017	0.756423185º	1.29046271º	227.6688504	57.24226437	0.998292736	Umbral
1000	16442	2589531.31									
1000	16443	2589531.31									
1000	16444	2589531.31									
1000	16445	2589531.31									
1000	16446	2589531.31									
1000	16447	2589679.606	2378-03-15 02:32:15	0.716397629	1.325302371	0.651301583º	1.188382875º	224.614613	63.70685978	0.992638891	Penumbral
1000	16448	2589679.606									
1000	16449	2589679.606									

1000	16450	2589679.606									
1000	16451	2589679.606									
1000	16452	2589709.33	2378-04-13 19:54:55	0.721126082	1.320573918	0.660510037º	1.193168618º	226.6887886	63.22329396	1.00088086	Penumbral
1000	16453	2589856.642	2378-09-08 03:24:23	0.755607069	1.286092931	0.775769302º	1.304108743º	230.465329	56.33080448	1.009062992	Penumbral
1000	16454	2589856.642									
1000	16455	2589856.642									
1000	16456	2589856.642									
1000	16457	2589856.642									
1000	16458	2590033.617	2379-03-04 02:48:44	0.722313188	1.319386812	0.671211658º	1.209758704º	224.3522149	62.3054482	0.989937243	Umbral
1000	16459	2590033.617									
1000	16460	2590033.617									
1000	16461	2590033.617									
1000	16462	2590033.617									
1000	16463	2590063.322	2379-04-02 19:43:40	0.719433297	1.322266703	0.657209008º	1.191563686º	225.9225714	63.39202584	0.997703959	Grazing
1000	16464	2590211.249	2379-08-28 17:59:05	0.745078786	1.296621214	0.73344791º	1.260563624º	230.4849108	58.76183344	1.011405586	Umbral
1000	16465	2590211.249									
1000	16466	2590211.249									
1000	16467	2590211.249									
1000	16468	2590211.249									
1000	16469	2590387.884	2380-02-21 09:12:15	0.737144945	1.304555055	0.722051138º	1.261849944º	224.6835688	59.06545228	0.98764164	Total
1000	16470	2590387.884									
1000	16471	2590387.884									
1000	16472	2590387.884									
1000	16473	2590387.884									
1000	16474	2590387.884									
1000	16475	2590565.594	2380-08-17 02:15:53	0.730658414	1.311041586	0.682022374º	1.208101179º	230.1661996	61.99922193	1.013399082	Total
1000	16476	2590565.594									
1000	16477	2590565.594									
1000	16478	2590565.594									
1000	16479	2590565.594									
1000	16480	2590565.594									
1000	16481	2590742.425	2381-02-09 22:12:02	0.749211573	1.292488427	0.767965771º	1.308770049º	224.9413352	56.41932371	0.985805401	Umbral
1000	16482	2590742.425									
1000	16483	2590742.425									
1000	16484	2590742.425									
1000	16485	2590742.425									
1000	16486	2590742.425									
1000	16487	2590890.046	2381-07-07 13:06:23	0.725018915	1.316681085	0.661703583º	1.186204886º	230.608363	63.4186542	1.016447004	Grazing
1000	16488	2590890.046									
1000	16489	2590890.046									
1000	16490	2590890.046									
1000	16491	2590919.67	2381-08-06 04:04:30	0.723319738	1.318380262	0.657511336º	1.182775163º	230.1448688	63.68222196	1.01497143	Umbral
1000	16492	2591067.621	2382-01-01 02:54:14	0.745708189	1.295991811	0.756005822º	1.298009094º	224.3038175	57.04516055	0.98362465	Penumbral
1000	16493	2591067.621									

1000	16494	2591067.621									
1000	16495	2591067.621									
1000	16496	2591067.621									
1000	16497	2591097.081	2382-01-30 13:57:02	0.750277927	1.291422073	0.773135452º	1.314683785º	224.7003412	56.1193202	0.984450963	Penumbral
1000	16498	2591244.201	2382-06-26 16:49:16	0.736217315	1.305482685	0.698676521º	1.223419378º	231.0955389	60.96504002	1.015979104	Penumbral
1000	16499	2591244.201									
1000	16500	2591244.201									
1000	16501	2591244.201									
1000	16502	2591244.201									
1000	16503	2591273.723	2382-07-26 05:20:31	0.729376202	1.312323798	0.675899656º	1.20061917º	230.7394095	62.44941546	1.0160243	Grazing
1000	16504	2591422.084	2382-12-21 14:01:00	0.73116907	1.31053093	0.703598672º	1.245169649º	223.6621873	60.13339382	0.984409802	Umbral
1000	16505	2591422.084									
1000	16506	2591422.084									
1000	16507	2591422.084									
1000	16508	2591422.084									
1000	16509	2591598.652	2383-06-16 03:39:13	0.750681364	1.291018636	0.751659063º	1.276934129º	231.6347164	57.75735055	1.014949715	Total
1000	16510	2591598.652									
1000	16511	2591598.652									
1000	16512	2591598.652									
1000	16513	2591598.652									
1000	16514	2591776.247	2383-12-10 17:55:18	0.717538138	1.324161862	0.659036545º	1.199842188º	223.1905578	63.04851111	0.985802913	Total
1000	16515	2591776.247									
1000	16516	2591776.247									
1000	16517	2591776.247									
1000	16518	2591776.247									
1000	16519	2591776.247									
1000	16520	2591953.321	2384-06-04 19:42:16	0.758165251	1.283534749	0.782539756º	1.308593785º	231.6441674	56.02637572	1.01344681	Total
1000	16521	2591953.321									
1000	16522	2591953.321									
1000	16523	2591953.321									
1000	16524	2591953.321									
1000	16525	2591953.321									
1000	16526	2592130.216	2384-11-28 17:10:53	0.715858402	1.325841598	0.652831288º	1.192580006º	223.4936852	63.50948906	0.987733292	Umbral
1000	16527	2592130.216									
1000	16528	2592130.216									
1000	16529	2592130.216									
1000	16530	2592130.216									
1000	16531	2592130.216									
1000	16532	2592278.652	2385-04-26 03:39:04	0.746013516	1.295686484	0.74203992º	1.272833321º	228.9357303	58.1529958	1.004397902	Penumbral
1000	16533	2592278.652									
1000	16534	2592278.652									
1000	16535	2592278.652									
1000	16536	2592278.652									
1000	16537	2592308.023	2385-05-25 12:32:32	0.753920603	1.287779397	0.766908028º	1.293965852º	231.0004989	56.85109451	1.011516674	Penumbral

1000	16538	2592454.737	2385-10-19 05:41:50	0.738380468	1.303319532	0.719404797º	1.253667258º	226.9810144	59.38888351	0.997876168	Penumbral
1000	16539	2592454.737									
1000	16540	2592454.737									
1000	16541	2592454.737									
1000	16542	2592484.305	2385-11-17 19:18:43	0.727898864	1.313801136	0.689160443º	1.227619744º	224.6685577	61.13852295	0.99009856	Penumbral
1000	16543	2592633.042	2386-04-15 13:00:07	0.729743211	1.311956789	0.68764753º	1.220040882º	227.276066	61.42883983	1.001379481	Umbral
1000	16544	2592633.042									
1000	16545	2592633.042									
1000	16546	2592633.042									
1000	16547	2592633.042									
1000	16548	2592662.564	2386-05-15 01:31:52	0.739926528	1.301773472	0.716613809º	1.244888706º	229.6741565	59.73834872	1.009186278	Grazing
1000	16549	2592809.283	2386-10-08 18:46:57	0.752162579	1.289537421	0.768260991º	1.300903684º	228.4463352	56.62419264	1.000910714	Umbral
1000	16550	2592809.283									
1000	16551	2592809.283									
1000	16552	2592809.283									
1000	16553	2592809.283									
1000	16554	2592987.13	2387-04-04 15:07:30	0.718585976	1.323114024	0.654492421º	1.188564846º	225.9424493	63.58902436	0.998231239	Total
1000	16555	2592987.13									
1000	16556	2592987.13									
1000	16557	2592987.13									
1000	16558	2592987.13									
1000	16559	2592987.13									
1000	16560	2593163.97	2387-09-28 11:17:27	0.755447316	1.286252684	0.779193927º	1.310257023º	229.2597399	56.07282144	1.003887828	Total
1000	16561	2593163.97									
1000	16562	2593163.97									
1000	16563	2593163.97									
1000	16564	2593163.97									
1000	16565	2593163.97									
1000	16566	2593341.125	2388-03-23 14:59:58	0.721086202	1.320613798	0.664070222º	1.199844764º	225.4116879	62.87616438	0.995059928	Umbral
1000	16567	2593341.125									
1000	16568	2593341.125									
1000	16569	2593341.125									
1000	16570	2593341.125									
1000	16571	2593518.606	2388-09-17 02:33:13	0.747013622	1.294686378	0.74425811º	1.273814423º	229.4741454	58.0602663	1.006744257	Umbral
1000	16572	2593518.606									
1000	16573	2593518.606									
1000	16574	2593518.606									
1000	16575	2593518.606									
1000	16576	2593518.606									
1000	16577	2593665.796	2389-02-11 07:06:36	0.741119142	1.300580858	0.737436829º	1.278150163º	224.5380327	58.13497306	0.985971204	Penumbral
1000	16578	2593665.796									
1000	16579	2593665.796									
1000	16580	2593665.796									
1000	16581	2593665.796									

1000	16582	2593695.329	2389-03-12 19:54:20	0.734569004	1.307130996	0.709979228º	1.24734403º	225.5298521	59.86874843	0.99211518	Penumbral
1000	16583	2593843.452	2389-08-07 22:50:14	0.727687723	1.314012277	0.671379786º	1.196743139º	230.3428159	62.73097701	1.014779152	Penumbral
1000	16584	2593843.452									
1000	16585	2593843.452									
1000	16586	2593843.452									
1000	16587	2593843.452									
1000	16588	2593873.01	2389-09-06 12:14:55	0.732591565	1.309108435	0.691337459º	1.219496321º	229.3131026	61.32623117	1.009407993	Penumbral
1000	16589	2594020.387	2390-01-31 21:17:44	0.750650707	1.291049293	0.774493194º	1.315972407º	224.7505988	56.04809978	0.984576629	Umbral
1000	16590	2594020.387									
1000	16591	2594020.387									
1000	16592	2594020.387									
1000	16593	2594020.387									
1000	16594	2594197.489	2390-07-27 23:44:39	0.723850298	1.317849702	0.658523163º	1.183293557º	230.3943659	63.62902371	1.015925792	Umbral
1000	16595	2594197.489									
1000	16596	2594197.489									
1000	16597	2594197.489									
1000	16598	2594197.489									
1000	16599	2594375.039	2391-01-21 12:56:42	0.748108734	1.293591266	0.765132206º	1.307070491º	224.4488101	56.54331073	0.983742602	Total
1000	16600	2594375.039									
1000	16601	2594375.039									
1000	16602	2594375.039									
1000	16603	2594375.039									
1000	16604	2594375.039									
1000	16605	2594551.592	2391-07-17 02:12:44	0.733156761	1.308543239	0.688004243º	1.21250863º	231.0459731	61.65900136	1.016441026	Total
1000	16606	2594551.592									
1000	16607	2594551.592									
1000	16608	2594551.592									
1000	16609	2594551.592									
1000	16610	2594551.592									
1000	16611	2594729.558	2392-01-11 01:23:32	0.734814065	1.306885935	0.716772833º	1.258867358º	223.6448056	59.31365159	0.98345907	Umbral
1000	16612	2594729.558									
1000	16613	2594729.558									
1000	16614	2594729.558									
1000	16615	2594729.558									
1000	16616	2594729.558									
1000	16617	2594876.638	2392-06-06 03:18:24	0.753586944	1.288113056	0.764093098º	1.290058798º	231.4433652	57.03727352	1.013617006	Grazing
1000	16618	2594876.638									
1000	16619	2594876.638									
1000	16620	2594876.638									
1000	16621	2594876.638									
1000	16622	2594905.981	2392-07-05 11:33:02	0.748136994	1.293563006	0.740740042º	1.265268539º	231.882011	58.40890494	1.016394307	Umbral
1000	16623	2595054.028	2392-11-30 12:39:52	0.715833139	1.325866861	0.652832767º	1.192757423º	223.4522901	63.50337243	0.987411433	Grazing
1000	16624	2595054.028									
1000	16625	2595054.028									

1000	16626	2595054.028									
1000	16627	2595083.79	2392-12-30 06:57:18	0.719531033	1.322168967	0.666478122º	1.208424806º	222.8512898	62.50862678	0.983727355	Penumbral
1000	16628	2595231.333	2393-05-26 19:59:55	0.757898674	1.283801326	0.782804862º	1.30974014º	231.2335495	55.98871767	1.011751917	Umbral
1000	16629	2595231.333									
1000	16630	2595231.333									
1000	16631	2595231.333									
1000	16632	2595231.333									
1000	16633	2595260.621	2393-06-25 02:54:29	0.757984654	1.283715346	0.779814858º	1.304622738º	232.2154304	56.20644114	1.015853226	Grazing
1000	16634	2595408.001	2393-11-19 12:00:46	0.71856788	1.32313212	0.659881891º	1.198527743º	224.0614848	63.06379608	0.989755654	Umbral
1000	16635	2595408.001									
1000	16636	2595408.001									
1000	16637	2595408.001									
1000	16638	2595408.001									
1000	16639	2595586.007	2394-05-16 12:10:10	0.75031669	1.29138331	0.754394549º	1.282501569º	230.3541788	57.52211614	1.009507084	Total
1000	16640	2595586.007									
1000	16641	2595586.007									
1000	16642	2595586.007									
1000	16643	2595586.007									
1000	16644	2595586.007									
1000	16645	2595762.172	2394-11-08 16:07:51	0.733137714	1.308562286	0.705090927º	1.242299698º	225.467283	60.17480655	0.99240334	Total
1000	16646	2595762.172									
1000	16647	2595762.172									
1000	16648	2595762.172									
1000	16649	2595762.172									
1000	16650	2595762.172									
1000	16651	2595940.471	2395-05-05 23:18:12	0.73479953	1.30690047	0.700624619º	1.230105838º	228.8346233	60.69310329	1.006887041	Umbral
1000	16652	2595940.471									
1000	16653	2595940.471									
1000	16654	2595940.471									
1000	16655	2595940.471									
1000	16656	2596116.651	2395-10-29 03:37:42	0.748463396	1.293236604	0.758103171º	1.293774719º	226.9909955	57.10309825	0.99525125	Umbral
1000	16657	2596116.651									
1000	16658	2596116.651									
1000	16659	2596116.651									
1000	16660	2596116.651									
1000	16661	2596116.651									
1000	16662	2596264.918	2396-03-25 10:01:29	0.717249622	1.324450378	0.652075618º	1.187594543º	225.2914101	63.70686101	0.995534896	Penumbral
1000	16663	2596264.918									
1000	16664	2596264.918									
1000	16665	2596264.918									
1000	16666	2596264.918									
1000	16667	2596294.628	2396-04-24 03:03:55	0.72160443	1.32009557	0.659983796º	1.19104608º	227.4023145	63.31349598	1.003889363	Penumbral
1000	16668	2596441.966	2396-09-18 11:11:37	0.754544551	1.287155449	0.773613073º	1.303360331º	229.7908628	56.41010779	1.006381381	Penumbral
1000	16669	2596441.966									

1000	16670	2596441.966									
1000	16671	2596441.966									
1000	16672	2596441.966									
1000	16673	2596471.314	2396-10-17 19:32:32	0.754578289	1.287121711	0.78007491º	1.314146353º	227.9293227	55.94554864	0.998233072	Penumbral
1000	16674	2596618.943	2397-03-14 10:38:13	0.723756271	1.317943729	0.674100779º	1.21123956º	224.9984837	62.16024217	0.99253265	Umbral
1000	16675	2596618.943									
1000	16676	2596618.943									
1000	16677	2596618.943									
1000	16678	2596618.943									
1000	16679	2596648.625	2397-04-13 03:00:36	0.720735824	1.320964176	0.659225443º	1.191970091º	226.6765852	63.30834236	1.000719163	Grazing
1000	16680	2596796.557	2397-09-08 01:22:42	0.743545087	1.298154913	0.729642324º	1.257984489º	229.8456882	58.95136275	1.009057791	Umbral
1000	16681	2596796.557									
1000	16682	2596796.557									
1000	16683	2596796.557									
1000	16684	2596973.231	2398-03-03 17:32:12	0.73855663	1.30314337	0.725509325º	1.264091364º	225.2466517	58.89551415	0.989872924	Total
1000	16685	2596973.231									
1000	16686	2596973.231									
1000	16687	2596973.231									
1000	16688	2596973.231									
1000	16689	2596973.231									
1000	16690	2597150.88	2398-08-28 09:06:58	0.729285754	1.312414246	0.678964382º	1.20604421º	229.6233347	62.16817362	1.011474447	Total
1000	16691	2597150.88									
1000	16692	2597150.88									
1000	16693	2597150.88									
1000	16694	2597150.88									
1000	16695	2597150.88									
1000	16696	2597327.787	2399-02-21 06:53:08	0.750033303	1.291666697	0.769866976º	1.309678372º	225.374117	56.34268006	0.987618605	Umbral
1000	16697	2597327.787									
1000	16698	2597327.787									
1000	16699	2597327.787									
1000	16700	2597327.787									
1000	16701	2597327.787									
1000	16702	2597475.315	2399-07-18 19:34:16	0.725388761	1.316311239	0.662928399º	1.187452169º	230.6096241	63.33372152	1.016403466	Grazing
1000	16703	2597475.315									
1000	16704	2597475.315									
1000	16705	2597475.315									
1000	16706	2597475.315									
1000	16707	2597652.986	2400-01-12 11:40:30	0.745086203	1.296613797	0.75378295º	1.29589602º	224.231197	57.16614303	0.983425427	Penumbral
1000	16708	2597652.986									
1000	16709	2597652.986									
1000	16710	2597652.986									
1000	16711	2597652.986									
1000	16712	2597682.447	2400-02-10 22:44:00	0.750326475	1.291373525	0.772355119º	1.313158632º	224.9923687	56.18131604	0.985806796	Penumbral
1000	16713	2597829.487	2400-07-06 23:41:20	0.737290056	1.304409944	0.701968264º	1.226467006º	231.2741171	60.7640775	1.016451966	Penumbral

1000	16714	2597829.487									
1000	16715	2597829.487									
1000	16716	2597829.487									
1000	16717	2597829.487									
1000	16718	2597859.001	2400-08-05 12:01:10	0.729812428	1.311887572	0.678038479º	1.203268047º	230.5227915	62.29025171	1.015037633	Penumbral
1000	16719	2598007.435	2400-12-31 22:26:58	0.730127792	1.311572208	0.700617093º	1.242612526º	223.4364096	60.30533123	0.983638875	Umbral
1000	16720	2598007.435									
1000	16721	2598007.435									
1000	16722	2598007.435									
1000	16723	2598007.435									
1000	16724	2598183.957	2401-06-26 10:58:46	0.751718725	1.289981275	0.754820443º	1.279566367º	231.9378733	57.59235746	1.015973166	Total
1000	16725	2598183.957									
1000	16726	2598183.957									
1000	16727	2598183.957									
1000	16728	2598183.957									
1000	16729	2598183.957									
1000	16730	2598361.581	2401-12-21 01:56:50	0.716681963	1.325018037	0.657251174º	1.198786748º	222.8584311	63.14548827	0.984474156	Total
1000	16731	2598361.581									
1000	16732	2598361.581									
1000	16733	2598361.581									
1000	16734	2598361.581									
1000	16735	2598538.636	2402-06-16 03:16:22	0.758660948	1.283039052	0.783334783º	1.308604672º	232.0294962	56.00455232	1.014959718	Total
1000	16736	2598538.636									
1000	16737	2598538.636									
1000	16738	2598538.636									
1000	16739	2598538.636									
1000	16740	2598538.636									
1000	16741	2598715.545	2402-12-10 01:04:36	0.715615519	1.326084481	0.653216549º	1.193972558º	223.0884164	63.44852312	0.985893396	Umbral
1000	16742	2598715.545									
1000	16743	2598715.545									
1000	16744	2598715.545									
1000	16745	2598715.545									
1000	16746	2598715.545									
1000	16747	2598863.972	2403-05-07 11:20:04	0.745948295	1.295751705	0.739667769º	1.268978579º	229.5867396	58.33329688	1.007211203	Penumbral
1000	16748	2598863.972									
1000	16749	2598863.972									
1000	16750	2598863.972									
1000	16751	2598863.972									
1000	16752	2598893.337	2403-06-05 20:05:18	0.753832297	1.287867703	0.765006889º	1.291059125º	231.457911	56.98407713	1.013450265	Penumbral
1000	16753	2599040.07	2403-10-30 13:40:35	0.738445209	1.303254791	0.721724549º	1.257581449º	226.3219478	59.20182674	0.994906996	Grazing
1000	16754	2599040.07									
1000	16755	2599040.07									
1000	16756	2599040.07									
1000	16757	2599040.07									

1000	16758	2599069.643	2403-11-29 03:25:39	0.728087536	1.313612464	0.691246622º	1.230941443º	224.1915523	60.96644903	0.987831933	Penumbral
1000	16759	2599218.35	2404-04-25 20:23:46	0.729778531	1.311921469	0.685681416º	1.21651718º	227.9618255	61.60610255	1.004317745	Umbral
1000	16760	2599218.35									
1000	16761	2599218.35									
1000	16762	2599218.35									
1000	16763	2599247.867	2404-05-25 08:48:43	0.739651093	1.302048907	0.71389356º	1.240983642º	230.2094866	59.94095844	1.01145477	Grazing
1000	16764	2599394.622	2404-10-19 02:55:00	0.75186578	1.28983422	0.769425842º	1.303664229º	227.741582	56.51713185	0.997921135	Umbral
1000	16765	2599394.622									
1000	16766	2599394.622									
1000	16767	2599394.622									
1000	16768	2599394.622									
1000	16769	2599572.431	2405-04-14 22:21:11	0.719307557	1.322392443	0.654687331º	1.187170307º	226.6694168	63.63004481	1.001210935	Total
1000	16770	2599572.431									
1000	16771	2599572.431									
1000	16772	2599572.431									
1000	16773	2599572.431									
1000	16774	2599572.431									
1000	16775	2599749.305	2405-10-08 19:19:48	0.754478155	1.287221845	0.777627846º	1.310268327º	228.5268518	56.11505729	1.00091487	Total
1000	16776	2599749.305									
1000	16777	2599749.305									
1000	16778	2599749.305									
1000	16779	2599749.305									
1000	16780	2599749.305									
1000	16781	2599926.437	2406-04-03 22:29:19	0.722547307	1.319152693	0.666687135º	1.200863701º	226.1545678	62.7529512	0.998036625	Umbral
1000	16782	2599926.437									
1000	16783	2599926.437									
1000	16784	2599926.437									
1000	16785	2599926.437									
1000	16786	2599926.437									
1000	16787	2600103.927	2406-09-28 10:14:25	0.745453504	1.296246496	0.740581805º	1.271655785º	228.732335	58.22941586	1.003867254	Umbral
1000	16788	2600103.927									
1000	16789	2600103.927									
1000	16790	2600103.927									
1000	16791	2600103.927									
1000	16792	2600251.151	2407-02-22 15:37:21	0.742333404	1.299366596	0.740589798º	1.280256273º	225.0064644	57.98305151	0.987883819	Penumbral
1000	16793	2600251.151									
1000	16794	2600251.151									
1000	16795	2600251.151									
1000	16796	2600251.151									
1000	16797	2600280.664	2407-03-24 03:55:34	0.736198632	1.305501368	0.713701432º	1.249523939º	226.2373885	59.68789989	0.994970854	Penumbral
1000	16798	2600428.73	2407-08-19 05:30:36	0.726579217	1.315120783	0.668954001º	1.195152719º	229.9055167	62.8667254	1.013168142	Penumbral
1000	16799	2600428.73									
1000	16800	2600428.73									
1000	16801	2600428.73									

1000	16802	2600428.73									
1000	16803	2600458.308	2407-09-17 19:23:26	0.730968951	1.310731049	0.687798655º	1.217357374º	228.6127005	61.50985675	1.006739684	Penumbral
1000	16804	2600605.753	2408-02-12 06:04:36	0.751180855	1.290519145	0.775597293º	1.316274401º	225.0768852	56.01014424	0.986037268	Umbral
1000	16805	2600605.753									
1000	16806	2600605.753									
1000	16807	2600605.753									
1000	16808	2600605.753									
1000	16809	2600635.179	2408-03-12 16:17:18	0.749152649	1.292547351	0.763208061º	1.300551194º	226.3026604	56.77402109	0.992155189	Grazing
1000	16810	2600782.759	2408-08-07 06:13:25	0.72371919	1.31798081	0.65886667º	1.184209789º	230.1278662	63.58560444	1.014818236	Umbral
1000	16811	2600782.759									
1000	16812	2600782.759									
1000	16813	2600782.759									
1000	16814	2600782.759									
1000	16815	2600960.406	2409-01-31 21:44:08	0.747873771	1.293826229	0.763598664º	1.305054076º	224.6249528	56.64044464	0.984619908	Total
1000	16816	2600960.406									
1000	16817	2600960.406									
1000	16818	2600960.406									
1000	16819	2600960.406									
1000	16820	2601136.874	2409-07-27 08:59:02	0.733869236	1.307830764	0.690776109º	1.215529479º	230.9589659	61.47125557	1.015958751	Total
1000	16821	2601136.874									
1000	16822	2601136.874									
1000	16823	2601136.874									
1000	16824	2601136.874									
1000	16825	2601136.874									
1000	16826	2601314.914	2410-01-21 09:56:20	0.734071966	1.307628034	0.714009263º	1.255960725º	223.6641914	59.4847494	0.983718681	Umbral
1000	16827	2601314.914									
1000	16828	2601314.914									
1000	16829	2601314.914									
1000	16830	2601314.914									
1000	16831	2601314.914									
1000	16832	2601461.948	2410-06-17 10:45:15	0.754575995	1.287124005	0.766832527º	1.292020712º	231.8433039	56.90654261	1.015117617	Grazing
1000	16833	2601461.948									
1000	16834	2601461.948									
1000	16835	2601461.948									
1000	16836	2601461.948									
1000	16837	2601491.282	2410-07-16 18:45:50	0.749004697	1.292695303	0.743973116º	1.268453932º	231.9395726	58.22217603	1.016486707	Umbral
1000	16838	2601639.357	2410-12-11 20:33:41	0.715046776	1.326653224	0.651535515º	1.192457887º	223.0302711	63.5588201	0.98559018	Grazing
1000	16839	2601639.357									
1000	16840	2601639.357									
1000	16841	2601639.357									
1000	16842	2601639.357									
1000	16843	2601669.13	2411-01-10 15:07:39	0.71883943	1.32286057	0.664521625º	1.206648516º	222.7480234	62.63369999	0.983400358	Penumbral
1000	16844	2601816.651	2411-06-07 03:37:43	0.75827943	1.28342057	0.7828217º	1.308752806º	231.7044788	56.0145077	1.013683676	Umbral
1000	16845	2601816.651									

1000	16846	2601816.651									
1000	16847	2601816.651									
1000	16848	2601845.933	2411-07-06 10:22:55	0.758408504	1.283291496	0.781086561°	1.305589048°	232.3724031	56.14595081	1.016444708	Penumbral
1000	16849	2601993.328	2411-11-30 19:52:55	0.718424612	1.323275388	0.660806114°	1.200682491°	223.5774027	62.95959966	0.987499732	Umbral
1000	16850	2601993.328									
1000	16851	2601993.328									
1000	16852	2601993.328									
1000	16853	2601993.328									
1000	16854	2602171.322	2412-05-26 19:43:04	0.750180051	1.291519949	0.752083541°	1.279010802°	230.8862526	57.68649453	1.011767311	Total
1000	16855	2602171.322									
1000	16856	2602171.322									
1000	16857	2602171.322									
1000	16858	2602171.322									
1000	16859	2602171.322									
1000	16860	2602347.511	2412-11-19 00:15:35	0.733297286	1.308402714	0.70736878°	1.245951934°	224.9169207	59.99206513	0.989870873	Total
1000	16861	2602347.511									
1000	16862	2602347.511									
1000	16863	2602347.511									
1000	16864	2602347.511									
1000	16865	2602347.511									
1000	16866	2602525.773	2413-05-16 06:33:11	0.7346463	1.3070537	0.698198494°	1.226344916°	229.4381964	60.88830737	1.00943177	Umbral
1000	16867	2602525.773									
1000	16868	2602525.773									
1000	16869	2602525.773									
1000	16870	2602525.773									
1000	16871	2602525.773									
1000	16872	2602701.998	2413-11-08 11:57:28	0.748335391	1.293364609	0.759712367°	1.296883046°	226.3553294	56.97219349	0.992473712	Total
1000	16873	2602701.998									
1000	16874	2602701.998									
1000	16875	2602701.998									
1000	16876	2602701.998									
1000	16877	2602850.224	2414-04-05 17:21:56	0.718194928	1.323505072	0.65299756°	1.186939631°	226.0124468	63.69709178	0.99847494	Grazing
1000	16878	2602850.224									
1000	16879	2602850.224									
1000	16880	2602850.224									
1000	16881	2602850.224									
1000	16882	2602879.919	2414-05-05 10:03:38	0.722086704	1.319613296	0.659524423°	1.189100674°	228.0923799	63.39560049	1.006706356	Penumbral
1000	16883	2603027.295	2414-09-29 19:05:04	0.753396012	1.288303988	0.77129176°	1.302540851°	229.0694389	56.49610517	1.003536356	Penumbral
1000	16884	2603027.295									
1000	16885	2603027.295									
1000	16886	2603027.295									
1000	16887	2603027.295									
1000	16888	2603056.66	2414-10-29 03:50:00	0.753788028	1.287911972	0.779174902°	1.314838667°	227.221943	55.95149918	0.995265711	Penumbral
1000	16889	2603204.264	2415-03-25 18:20:49	0.725302948	1.316397052	0.677173164°	1.212785077°	225.7092711	62.00752025	0.995362061	Umbral

1000	16890	2603204.264									
1000	16891	2603204.264									
1000	16892	2603204.264									
1000	16893	2603204.264									
1000	16894	2603233.923	2415-04-24 10:09:30	0.722077998	1.319622002	0.661383274º	1.192546881º	227.4325773	63.2142289	1.003697865	Grazing
1000	16895	2603381.869	2415-09-19 08:51:12	0.741925443	1.299774557	0.725771436º	1.255510047º	229.1381004	59.14098666	1.006397809	Umbral
1000	16896	2603381.869									
1000	16897	2603381.869									
1000	16898	2603381.869									
1000	16899	2603381.869									
1000	16900	2603558.574	2416-03-14 01:46:22	0.740054065	1.301645935	0.729080419º	1.266243957º	225.8911457	58.72578645	0.992486906	Total
1000	16901	2603558.574									
1000	16902	2603558.574									
1000	16903	2603558.574									
1000	16904	2603558.574									
1000	16905	2603736.168	2416-09-07 16:02:18	0.727836235	1.313863765	0.675924646º	1.204239654º	228.991851	62.32912333	1.00910966	Total
1000	16906	2603736.168									
1000	16907	2603736.168									
1000	16908	2603736.168									
1000	16909	2603736.168									
1000	16910	2603736.168									
1000	16911	2603913.145	2417-03-03 15:29:03	0.750929121	1.290770879	0.771762658º	1.310344477º	225.9044636	56.27289585	0.989873328	Umbral
1000	16912	2603913.145									
1000	16913	2603913.145									
1000	16914	2603913.145									
1000	16915	2603913.145									
1000	16916	2603913.145									
1000	16917	2604090.216	2417-08-27 17:11:17	0.722199097	1.319500903	0.656478753º	1.183510048º	229.2557042	63.69311132	1.011567592	Umbral
1000	16918	2604090.216									
1000	16919	2604090.216									
1000	16920	2604090.216									
1000	16921	2604090.216									
1000	16922	2604090.216									
1000	16923	2604238.351	2418-01-22 20:25:57	0.744581389	1.297118611	0.751618487º	1.293516408º	224.2863261	57.29340015	0.983815877	Penumbral
1000	16924	2604238.351									
1000	16925	2604238.351									
1000	16926	2604238.351									
1000	16927	2604238.351									
1000	16928	2604414.774	2418-07-18 06:34:43	0.738217463	1.303482537	0.705190599º	1.229711519º	231.3157238	60.56051221	1.016408987	Penumbral
1000	16929	2604414.774									
1000	16930	2604414.774									
1000	16931	2604414.774									
1000	16932	2604414.774									
1000	16933	2604444.282	2418-08-16 18:46:44	0.730131202	1.311568798	0.68015523º	1.206147496º	230.1830102	62.12508886	1.013565811	Penumbral

1000	16934	2604592.787	2419-01-12 06:53:17	0.729243327	1.312456673	0.697824174º	1.239921015º	223.3386692	60.47646452	0.983454868	Umbral
1000	16935	2604592.787									
1000	16936	2604592.787									
1000	16937	2604592.787									
1000	16938	2604592.787									
1000	16939	2604769.262	2419-07-07 18:17:47	0.752589221	1.289110779	0.757768265º	1.282268494º	232.1074244	57.43243095	1.016449084	Total
1000	16940	2604769.262									
1000	16941	2604769.262									
1000	16942	2604769.262									
1000	16943	2604769.262									
1000	16944	2604769.262									
1000	16945	2604946.917	2420-01-01 10:00:51	0.716017447	1.325682553	0.655730827º	1.197697784º	222.6513174	63.23475131	0.983690558	Total
1000	16946	2604946.917									
1000	16947	2604946.917									
1000	16948	2604946.917									
1000	16949	2604946.917									
1000	16950	2604946.917									
1000	16951	2605123.95	2420-06-26 10:47:37	0.758987563	1.282712437	0.783828956º	1.308591565º	232.2898627	55.991524	1.015940863	Total
1000	16952	2605123.95									
1000	16953	2605123.95									
1000	16954	2605123.95									
1000	16955	2605123.95									
1000	16956	2605300.878	2420-12-20 09:03:38	0.715553519	1.326146481	0.653843985º	1.195338431º	222.7995161	63.38018361	0.984548929	Umbral
1000	16957	2605300.878									
1000	16958	2605300.878									
1000	16959	2605300.878									
1000	16960	2605300.878									
1000	16961	2605300.878									
1000	16962	2605449.287	2421-05-17 18:52:45	0.745795069	1.295904931	0.737143648º	1.265115029º	230.1808017	58.51946738	1.009766433	Penumbral
1000	16963	2605449.287									
1000	16964	2605449.287									
1000	16965	2605449.287									
1000	16966	2605449.287									
1000	16967	2605478.648	2421-06-16 03:32:50	0.753591251	1.288108749	0.762863844º	1.288142651º	231.8025241	57.1247665	1.014942486	Penumbral
1000	16968	2605625.409	2421-11-09 21:48:22	0.738543953	1.303156047	0.724021664º	1.261401537º	225.7096261	59.01940367	0.992087358	Grazing
1000	16969	2605625.409									
1000	16970	2605625.409									
1000	16971	2605625.409									
1000	16972	2605625.409									
1000	16973	2605654.986	2421-12-09 11:39:38	0.728399255	1.313300745	0.693445921º	1.234174761º	223.8156959	60.79450082	0.985942931	Penumbral
1000	16974	2605803.651	2422-05-07 03:37:46	0.729788583	1.311911417	0.683734653º	1.213065601º	228.6191843	61.78142018	1.007172885	Umbral
1000	16975	2605803.651									
1000	16976	2605803.651									
1000	16977	2605803.651									

1000	16978	2605803.651									
1000	16979	2605833.165	2422-06-05 15:58:11	0.739264291	1.302435709	0.711097693º	1.237146545º	230.6514858	60.14522471	1.013456783	Grazing
1000	16980	2605979.966	2422-10-30 11:11:13	0.751551392	1.290148608	0.770421797º	1.306281002º	227.0583576	56.41899377	0.994902714	Umbral
1000	16981	2605979.966									
1000	16982	2605979.966									
1000	16983	2605979.966									
1000	16984	2606157.726	2423-04-26 05:25:39	0.7200649	1.3216351	0.655022715º	1.185910018º	227.3953303	63.66159024	1.004220246	Total
1000	16985	2606157.726									
1000	16986	2606157.726									
1000	16987	2606157.726									
1000	16988	2606157.726									
1000	16989	2606157.726									
1000	16990	2606334.645	2423-10-20 03:29:20	0.753468006	1.288231994	0.7758986º	1.310167491º	227.7922965	56.16479727	0.997864159	Total
1000	16991	2606334.645									
1000	16992	2606334.645									
1000	16993	2606334.645									
1000	16994	2606334.645									
1000	16995	2606334.645									
1000	16996	2606511.744	2424-04-14 05:50:58	0.724067795	1.317632205	0.669456428º	1.202020622º	226.9205668	62.62047396	1.001058246	Umbral
1000	16997	2606511.744									
1000	16998	2606511.744									
1000	16999	2606511.744									
1000	17000	2606511.744									
1000	17001	2606511.744									
1000	17002	2606689.251	2424-10-08 18:01:54	0.743848796	1.297851204	0.736870426º	1.269516662º	227.9655633	58.4000225	1.000904057	Umbral
1000	17003	2606689.251									
1000	17004	2606689.251									
1000	17005	2606689.251									
1000	17006	2606689.251									
1000	17007	2606689.251									
1000	17008	2606836.502	2425-03-05 00:03:05	0.743639356	1.298060644	0.743798268º	1.28223971º	225.5703799	57.83379736	0.990131397	Penumbral
1000	17009	2606836.502									
1000	17010	2606836.502									
1000	17011	2606836.502									
1000	17012	2606865.993	2425-04-03 11:50:00	0.737878831	1.303821169	0.717489366º	1.251744838º	226.9893006	59.50490127	0.997889224	Penumbral
1000	17013	2607014.01	2425-08-29 12:14:33	0.725383168	1.316316832	0.666595692º	1.193798604º	229.3633753	62.99280147	1.011238303	Penumbral
1000	17014	2607014.01									
1000	17015	2607014.01									
1000	17016	2607014.01									
1000	17017	2607014.01									
1000	17018	2607043.61	2425-09-28 02:37:50	0.729308919	1.312391081	0.684348037º	1.215369302º	227.8645801	61.68682126	1.003966909	Penumbral
1000	17019	2607191.116	2426-02-22 14:47:11	0.75179437	1.28990563	0.776649603º	1.316328671º	225.5126314	55.98022004	0.987860767	Umbral
1000	17020	2607191.116									
1000	17021	2607191.116									

1000	17022	2607191.116									
1000	17023	2607191.116									
1000	17024	2607220.527	2426-03-24 00:38:10	0.750350475	1.291349525	0.765793367º	1.301651585º	226.9805451	56.67220574	0.994904547	Grazing
1000	17025	2607368.032	2426-08-18 12:46:20	0.723489492	1.318210508	0.659268449º	1.185383814º	229.74063	63.53139243	1.013328662	Umbral
1000	17026	2607368.032									
1000	17027	2607368.032									
1000	17028	2607368.032									
1000	17029	2607368.032									
1000	17030	2607545.769	2427-02-12 06:28:01	0.747738436	1.293961564	0.762073833º	1.302752454º	224.9207695	56.74545404	0.986034506	Total
1000	17031	2607545.769									
1000	17032	2607545.769									
1000	17033	2607545.769									
1000	17034	2607545.769									
1000	17035	2607545.769									
1000	17036	2607722.159	2427-08-07 15:49:15	0.734446904	1.307253096	0.693478356º	1.218776262º	230.7400017	61.27971468	1.014905583	Total
1000	17037	2607722.159									
1000	17038	2607722.159									
1000	17039	2607722.159									
1000	17040	2607722.159									
1000	17041	2607900.268	2428-02-01 18:26:29	0.733472179	1.308227821	0.711405114º	1.252855024º	223.8107707	59.65794476	0.984629912	Umbral
1000	17042	2607900.268									
1000	17043	2607900.268									
1000	17044	2607900.268									
1000	17045	2607900.268									
1000	17046	2607900.268									
1000	17047	2608047.257	2428-06-27 18:10:13	0.755401877	1.286298123	0.769307579º	1.2940393º	232.1177519	56.78221849	1.016000665	Grazing
1000	17048	2608047.257									
1000	17049	2608047.257									
1000	17050	2608047.257									
1000	17051	2608047.257									
1000	17052	2608076.584	2428-07-27 02:00:46	0.749703712	1.291996288	0.74698413º	1.271755611º	231.858474	58.0397742	1.015923688	Umbral
1000	17053	2608224.689	2428-12-22 04:31:44	0.714447354	1.327252646	0.650530935º	1.192118732º	222.7255996	63.60550069	0.984379228	Grazing
1000	17054	2608224.689									
1000	17055	2608224.689									
1000	17056	2608224.689									
1000	17057	2608224.689									
1000	17058	2608254.47	2429-01-20 23:17:07	0.71833976	1.32336024	0.662836245º	1.204782957º	222.7766105	62.75303741	0.983727304	Penumbral
1000	17059	2608401.966	2429-06-17 11:11:22	0.758501771	1.283198229	0.782528511º	1.307744669º	232.0618034	56.04928142	1.01506355	Umbral
1000	17060	2608401.966									
1000	17061	2608401.966									
1000	17062	2608401.966									
1000	17063	2608401.966									
1000	17064	2608431.244	2429-07-16 17:51:04	0.758650919	1.283049081	0.78204442º	1.306556554º	232.3908542	56.0940819	1.016426014	Penumbral
1000	17065	2608578.661	2429-12-11 03:51:51	0.718438194	1.323261806	0.661948873º	1.202792331º	223.1981791	62.84979812	0.985733985	Total Penumbral

1000	17066	2608578.661									
1000	17067	2608578.661									
1000	17068	2608578.661									
1000	17069	2608756.632	2430-06-07 03:09:29	0.749909867	1.291790133	0.749578158º	1.275517582º	231.3206817	57.85750109	1.013667646	Total
1000	17070	2608756.632									
1000	17071	2608756.632									
1000	17072	2608756.632									
1000	17073	2608756.632									
1000	17074	2608756.632									
1000	17075	2608932.855	2430-11-30 08:31:12	0.733547583	1.308152417	0.709690934º	1.249507356º	224.4523287	59.811998	0.987609409	Total
1000	17076	2608932.855									
1000	17077	2608932.855									
1000	17078	2608932.855									
1000	17079	2608932.855									
1000	17080	2608932.855									
1000	17081	2609111.069	2431-05-27 13:39:51	0.734410805	1.307289195	0.695734596º	1.222679228º	229.9678053	61.08297607	1.011733957	Umbral
1000	17082	2609111.069									
1000	17083	2609111.069									
1000	17084	2609111.069									
1000	17085	2609111.069									
1000	17086	2609111.069									
1000	17087	2609287.351	2431-11-19 20:24:59	0.748240934	1.293459066	0.76122385º	1.299808351º	225.783508	56.84962631	0.989868398	Total
1000	17088	2609287.351									
1000	17089	2609287.351									
1000	17090	2609287.351									
1000	17091	2609287.351									
1000	17092	2609287.351									
1000	17093	2609435.523	2432-04-16 00:33:33	0.719204806	1.322495194	0.654092831º	1.186404969º	226.7541526	63.67712391	1.001532259	Grazing
1000	17094	2609435.523									
1000	17095	2609435.523									
1000	17096	2609435.523									
1000	17097	2609465.205	2432-05-15 16:54:44	0.722546534	1.319153466	0.659140571º	1.187342726º	228.7345637	63.46888991	1.009325261	Penumbral
1000	17098	2609612.629	2432-10-10 03:05:14	0.752188092	1.289511908	0.768808134º	1.30166608º	228.3252081	56.58835207	1.000506386	Penumbral
1000	17099	2609612.629									
1000	17100	2609612.629									
1000	17101	2609612.629									
1000	17102	2609612.629									
1000	17103	2609642.01	2432-11-08 12:14:47	0.75300274	1.28869726	0.77814982º	1.315346774º	226.5571452	55.96572187	0.992425168	Penumbral
1000	17104	2609789.581	2433-04-05 01:56:11	0.726924937	1.314775063	0.680407804º	1.21441985º	226.4630706	61.84729431	0.998344104	Umbral
1000	17105	2609789.581									
1000	17106	2609789.581									
1000	17107	2609789.581									
1000	17108	2609789.581									
1000	17109	2609819.216	2433-05-04 17:10:51	0.723429715	1.318270285	0.663662544º	1.193318062º	228.1659552	63.10965511	1.006555694	Grazing

1000	17110	2609967.184	2433-09-29 16:25:24	0.740246979	1.301453021	0.721876683º	1.25312368º	228.3849978	59.32993177	1.003540313	Umbral
1000	17111	2609967.184									
1000	17112	2609967.184									
1000	17113	2609967.184									
1000	17114	2609967.184									
1000	17115	2610143.913	2434-03-25 09:54:06	0.741612732	1.300087268	0.732711725º	1.268357536º	226.5980584	58.55638602	0.99529907	Total
1000	17116	2610143.913									
1000	17117	2610143.913									
1000	17118	2610143.913									
1000	17119	2610143.913									
1000	17120	2610143.913									
1000	17121	2610321.46	2434-09-18 23:03:03	0.726335052	1.315364948	0.67295542º	1.202647917º	228.2925757	62.4814886	1.006485424	Total
1000	17122	2610321.46									
1000	17123	2610321.46									
1000	17124	2610321.46									
1000	17125	2610321.46									
1000	17126	2610498.499	2435-03-14 23:58:53	0.75187925	1.28982075	0.77362542º	1.310791545º	226.5161577	56.21004739	0.992482127	Umbral
1000	17127	2610498.499									
1000	17128	2610498.499									
1000	17129	2610498.499									
1000	17130	2610498.499									
1000	17131	2610498.499									
1000	17132	2610675.495	2435-09-07 23:53:09	0.721533921	1.320166079	0.65604449º	1.184282453º	228.6673318	63.68176072	1.00925684	Umbral
1000	17133	2610675.495									
1000	17134	2610675.495									
1000	17135	2610675.495									
1000	17136	2610675.495									
1000	17137	2610675.495									
1000	17138	2610823.715	2436-02-03 05:08:58	0.744190821	1.297509179	0.749497703º	1.290881394º	224.466694	57.42712045	0.984750349	Penumbral
1000	17139	2610823.715									
1000	17140	2610823.715									
1000	17141	2610823.715									
1000	17142	2610823.715									
1000	17143	2610853.169	2436-03-03 16:02:59	0.750661876	1.291038124	0.770686892º	1.309261939º	225.8970871	56.33141915	0.989885774	Penumbral
1000	17144	2611000.063	2436-07-28 13:30:49	0.738996905	1.302703095	0.708323306º	1.23314247º	231.2204221	60.35536815	1.015831386	Penumbral
1000	17145	2611000.063									
1000	17146	2611000.063									
1000	17147	2611000.063									
1000	17148	2611000.063									
1000	17149	2611029.568	2436-08-27 01:38:34	0.730344332	1.311355668	0.682254214º	1.209226648º	229.733706	61.95489033	1.011680581	Penumbral
1000	17150	2611178.138	2437-01-22 15:18:19	0.728518567	1.313181433	0.695203553º	1.237103719º	223.3707682	60.64702286	0.9838118	Umbral
1000	17151	2611178.138									
1000	17152	2611178.138									
1000	17153	2611178.138									

1000	17154	2611207.726	2437-02-21 05:25:43	0.738095194	1.303604806	0.725516905º	1.265327915º	224.7102071	58.85895369	0.98761931	Grazing
1000	17155	2611354.568	2437-07-18 01:37:29	0.753286232	1.288413768	0.760499559º	1.285014549º	232.13834	57.2783006	1.01642048	Umbral
1000	17156	2611354.568									
1000	17157	2611354.568									
1000	17158	2611354.568									
1000	17159	2611354.568									
1000	17160	2611532.254	2438-01-11 18:05:45	0.715552595	1.326147405	0.654471916º	1.19657146º	222.5748453	63.31648802	0.983449965	Total
1000	17161	2611532.254									
1000	17162	2611532.254									
1000	17163	2611532.254									
1000	17164	2611532.254									
1000	17165	2611532.254									
1000	17166	2611709.262	2438-07-07 18:17:09	0.759135907	1.282564093	0.784038448º	1.308532223º	232.4159283	55.9874318	1.016461593	Total
1000	17167	2611709.262									
1000	17168	2611709.262									
1000	17169	2611709.262									
1000	17170	2611709.262									
1000	17171	2611709.262									
1000	17172	2611886.213	2438-12-31 17:06:28	0.715684095	1.326015905	0.654718211º	1.196669333º	222.6361118	63.30464066	0.983719299	Umbral
1000	17173	2611886.213									
1000	17174	2611886.213									
1000	17175	2611886.213									
1000	17176	2611886.213									
1000	17177	2612034.596	2439-05-29 02:17:48	0.745532509	1.296167491	0.734461275º	1.261274593º	230.6955352	58.71086351	1.011986143	Grazing
1000	17178	2612034.596									
1000	17179	2612034.596									
1000	17180	2612034.596									
1000	17181	2612034.596									
1000	17182	2612063.956	2439-06-27 10:56:13	0.753185655	1.288514345	0.760473019º	1.285243823º	232.0209597	57.27267697	1.015924999	Umbral
1000	17183	2612210.753	2439-11-21 06:04:32	0.738700291	1.302999709	0.726334051º	1.26507696º	225.1652455	58.84189047	0.989577345	Grazing
1000	17184	2612210.753									
1000	17185	2612210.753									
1000	17186	2612210.753									
1000	17187	2612210.753									
1000	17188	2612240.333	2439-12-20 19:59:20	0.728849259	1.312850741	0.69580682º	1.237268025º	223.5536736	60.62275601	0.984609373	Penumbral
1000	17189	2612388.946	2440-05-17 10:42:42	0.729748987	1.311951013	0.681754687º	1.209765902º	229.22396	61.95389723	1.009690253	Umbral
1000	17190	2612388.946									
1000	17191	2612388.946									
1000	17192	2612388.946									
1000	17193	2612388.946									
1000	17194	2612418.459	2440-06-15 23:01:20	0.738750744	1.302949256	0.708164615º	1.233471129º	230.9828199	60.35021074	1.014888953	Grazing
1000	17195	2612565.316	2440-11-09 19:35:19	0.751244796	1.290455204	0.771323153º	1.308673319º	226.4200019	56.32982253	0.992142203	Umbral
1000	17196	2612565.316									
1000	17197	2612565.316									

1000	17198	2612565.316									
1000	17199	2612565.316									
1000	17200	2612743.015	2441-05-06 12:21:25	0.720829675	1.320870325	0.655438058º	1.184860844º	228.0953354	63.68310872	1.006998171	Total
1000	17201	2612743.015									
1000	17202	2612743.015									
1000	17203	2612743.015									
1000	17204	2612743.015									
1000	17205	2612919.99	2441-10-30 11:46:09	0.752443957	1.289256043	0.774060253º	1.309911269º	227.0801866	56.22176461	0.994917919	Total
1000	17206	2612919.99									
1000	17207	2612919.99									
1000	17208	2612919.99									
1000	17209	2612919.99									
1000	17210	2612919.99									
1000	17211	2613097.045	2442-04-25 13:05:10	0.725617132	1.316082868	0.672353532º	1.20334161º	227.6855366	62.47881775	1.004029658	Umbral
1000	17212	2613097.045									
1000	17213	2613097.045									
1000	17214	2613097.045									
1000	17215	2613097.045									
1000	17216	2613097.045									
1000	17217	2613274.581	2442-10-20 01:56:06	0.742228552	1.299471448	0.733130704º	1.267410611º	227.1980607	58.57150963	0.997843584	Umbral
1000	17218	2613274.581									
1000	17219	2613274.581									
1000	17220	2613274.581									
1000	17221	2613274.581									
1000	17222	2613274.581									
1000	17223	2613421.849	2443-03-16 08:22:54	0.745015804	1.296684196	0.747086254º	1.284073281º	226.2132156	57.6872527	0.992813141	Penumbral
1000	17224	2613421.849									
1000	17225	2613421.849									
1000	17226	2613421.849									
1000	17227	2613421.849									
1000	17228	2613451.318	2443-04-14 19:37:32	0.739580653	1.302119347	0.721364861º	1.253975066º	227.7628364	59.32008332	1.000971767	Penumbral
1000	17229	2613599.294	2443-09-09 19:03:25	0.724121318	1.317578682	0.664264175º	1.192731826º	228.7346864	63.10876117	1.008818186	Penumbral
1000	17230	2613599.294									
1000	17231	2613599.294									
1000	17232	2613599.294									
1000	17233	2613628.916	2443-10-09 09:58:51	0.727641017	1.314058983	0.680949725º	1.213580723º	227.0926613	61.85660824	1.00093269	Penumbral
1000	17234	2613776.475	2444-03-04 23:24:21	0.752474939	1.289225061	0.777687324º	1.316094541º	226.0443904	55.95837555	0.990194339	Umbral
1000	17235	2613776.475									
1000	17236	2613776.475									
1000	17237	2613776.475									
1000	17238	2613776.475									
1000	17239	2613805.869	2444-04-03 08:52:02	0.751564313	1.290135687	0.768345772º	1.30259416º	227.7019999	56.57594522	0.997902454	Grazing
1000	17240	2613953.309	2444-08-28 19:24:49	0.723175681	1.318524319	0.659689421º	1.186842544º	229.2471475	63.46688294	1.011333814	Umbral
1000	17241	2613953.309									

1000	17242	2613953.309									
1000	17243	2613953.309									
1000	17244	2613953.309									
1000	17245	2614131.13	2445-02-22 15:07:00	0.747690912	1.294009088	0.760535501º	1.300186573º	225.3263871	56.85847068	0.987912014	Total
1000	17246	2614131.13									
1000	17247	2614131.13									
1000	17248	2614131.13									
1000	17249	2614131.13									
1000	17250	2614131.13									
1000	17251	2614307.448	2445-08-17 22:44:43	0.734896883	1.306803117	0.696128537º	1.222201473º	230.3985803	61.08539734	1.013410388	Total
1000	17252	2614307.448									
1000	17253	2614307.448									
1000	17254	2614307.448									
1000	17255	2614307.448									
1000	17256	2614307.448									
1000	17257	2614485.62	2446-02-12 02:52:25	0.733007976	1.308692024	0.708905068º	1.249602018º	224.078899	59.83340451	0.986001082	Umbral
1000	17258	2614485.62									
1000	17259	2614485.62									
1000	17260	2614485.62									
1000	17261	2614485.62									
1000	17262	2614661.888	2446-08-07 09:19:05	0.750236382	1.291463618	0.749819686º	1.275095991º	231.6430289	57.86248433	1.014947321	Umbral
1000	17263	2614661.888									
1000	17264	2614661.888									
1000	17265	2614661.888									
1000	17266	2614661.888									
1000	17267	2614661.888									
1000	17268	2614810.023	2447-01-02 12:32:32	0.714047005	1.327652995	0.649766445º	1.191785798º	222.5471713	63.64364006	0.983595464	Grazing
1000	17269	2614810.023									
1000	17270	2614810.023									
1000	17271	2614810.023									
1000	17272	2614810.023									
1000	17273	2614839.808	2447-02-01 07:24:01	0.718030324	1.323669676	0.661375774º	1.202870536º	222.935375	62.86672651	0.984548355	Penumbral
1000	17274	2614987.279	2447-06-28 18:41:56	0.75855318	1.28314682	0.781962894º	1.306679405º	232.2923857	56.09301983	1.016030115	Penumbral
1000	17275	2614987.279									
1000	17276	2614987.279									
1000	17277	2614987.279									
1000	17278	2614987.279									
1000	17279	2615016.556	2447-07-28 01:20:08	0.75871121	1.28298879	0.782716447º	1.307487052º	232.2705346	56.05104474	1.015925383	Penumbral
1000	17280	2615163.997	2447-12-22 11:56:16	0.718623926	1.323076074	0.663302973º	1.204859599º	222.936122	62.73461844	0.984435887	Total Penumbral
1000	17281	2615163.997									
1000	17282	2615163.997									
1000	17283	2615163.997									
1000	17284	2615163.997									
1000	17285	2615341.938	2448-06-17 10:30:26	0.749491019	1.292208981	0.746858873º	1.27206732º	231.6406337	58.03451681	1.015078453	Total

1000	17286	2615341.938									
1000	17287	2615341.938									
1000	17288	2615341.938									
1000	17289	2615341.938									
1000	17290	2615518.204	2448-12-10 16:53:34	0.733907097	1.307792903	0.712111725º	1.252905463º	224.0892876	59.63472268	0.985824614	Total
1000	17291	2615518.204									
1000	17292	2615518.204									
1000	17293	2615518.204									
1000	17294	2615518.204									
1000	17295	2615518.204									
1000	17296	2615696.361	2449-06-06 20:39:08	0.734074138	1.307625862	0.693202238º	1.219169698º	230.4031356	61.27614256	1.013613614	Total
1000	17297	2615696.361									
1000	17298	2615696.361									
1000	17299	2615696.361									
1000	17300	2615696.361									
1000	17301	2615696.361									
1000	17302	2615872.708	2449-11-30 04:59:24	0.74820176	1.29349824	0.762695805º	1.302487544º	225.2946779	56.73539759	0.98765457	Total
1000	17303	2615872.708									
1000	17304	2615872.708									
1000	17305	2615872.708									
1000	17306	2615872.708									
1000	17307	2615872.708									
1000	17308	2616020.817	2450-04-27 07:36:36	0.720249848	1.321450152	0.6553005º	1.18606431º	227.4919814	63.64657481	1.004453898	Grazing
1000	17309	2616020.817									
1000	17310	2616020.817									
1000	17311	2616020.817									
1000	17312	2616020.817									
1000	17313	2616050.485	2450-05-26 23:38:10	0.722959568	1.318740432	0.658806625º	1.185816368º	229.305862	63.532685	1.011608959	Penumbral
1000	17314	2616197.967	2450-10-21 11:12:27	0.750948358	1.290751642	0.766223109º	1.300691465º	227.5825518	56.68643228	0.997491754	Penumbral
1000	17315	2616197.967									
1000	17316	2616197.967									
1000	17317	2616197.967									
1000	17318	2616227.366	2450-11-19 20:46:25	0.752247025	1.289452975	0.777040569º	1.315635185º	225.9563062	55.9880654	0.989849809	Penumbral
1000	17319	2616374.892	2451-04-16 09:24:17	0.728592331	1.313107669	0.683775602º	1.216172844º	227.236768	61.67970798	1.001372164	Umbral
1000	17320	2616374.892									
1000	17321	2616374.892									
1000	17322	2616374.892									
1000	17323	2616374.892									
1000	17324	2616404.504	2451-05-16 00:05:28	0.724761844	1.316938156	0.666031646º	1.194315877º	228.8526142	62.99472428	1.009168447	Grazing
1000	17325	2616552.504	2451-10-11 00:05:57	0.738538596	1.303161404	0.717981199º	1.250823805º	227.6103005	59.51751355	1.00053519	Umbral
1000	17326	2616552.504									
1000	17327	2616552.504									
1000	17328	2616552.504									
1000	17329	2616552.504									

1000	17330	2616729.247	2452-04-04 17:55:02	0.743205745	1.298494255	0.736388535º	1.270438638º	227.3461872	58.38755958	0.99827296	Total
1000	17331	2616729.247									
1000	17332	2616729.247									
1000	17333	2616729.247									
1000	17334	2616729.247									
1000	17335	2616729.247									
1000	17336	2616906.757	2452-09-29 06:10:11	0.72481002	1.31688998	0.670071378º	1.201263503º	227.5483865	62.62482315	1.003643978	Total
1000	17337	2616906.757									
1000	17338	2616906.757									
1000	17339	2616906.757									
1000	17340	2616906.757									
1000	17341	2616906.757									
1000	17342	2617083.849	2453-03-25 08:21:56	0.752860903	1.288839097	0.775411099º	1.311057669º	227.190151	56.15427275	0.995297659	Umbral
1000	17343	2617083.849									
1000	17344	2617083.849									
1000	17345	2617083.849									
1000	17346	2617083.849									
1000	17347	2617260.779	2453-09-18 06:42:15	0.720827944	1.320872056	0.655681907º	1.185294127º	228.0100118	63.65968557	1.006637984	Umbral
1000	17348	2617260.779									
1000	17349	2617260.779									
1000	17350	2617260.779									
1000	17351	2617260.779									
1000	17352	2617260.779									
1000	17353	2617409.075	2454-02-13 13:48:05	0.743906792	1.297793208	0.747419547º	1.287989007º	224.7658766	57.56747603	0.986233625	Penumbral
1000	17354	2617409.075									
1000	17355	2617409.075									
1000	17356	2617409.075									
1000	17357	2617409.075									
1000	17358	2617438.523	2454-03-15 00:32:49	0.750914042	1.290785958	0.769765677º	1.306923116º	226.4802205	56.4196978	0.992498173	Penumbral
1000	17359	2617585.355	2454-08-08 20:31:00	0.739630873	1.302069127	0.711354648º	1.236739946º	230.9932845	60.14966834	1.014736767	Penumbral
1000	17360	2617585.355									
1000	17361	2617585.355									
1000	17362	2617585.355									
1000	17363	2617585.355									
1000	17364	2617614.86	2454-09-07 08:37:48	0.730467844	1.311232156	0.684315316º	1.21249842º	229.192415	61.78063789	1.009361668	Penumbral
1000	17365	2617763.486	2455-02-02 23:40:25	0.727951286	1.313748714	0.692766891º	1.234142267º	223.5305805	60.81719197	0.984765472	Umbral
1000	17366	2617763.486									
1000	17367	2617763.486									
1000	17368	2617763.486									
1000	17369	2617763.486									
1000	17370	2617939.874	2455-07-29 08:59:08	0.753808189	1.287891811	0.762981546º	1.28781069º	232.0306085	57.13063344	1.015812068	Umbral
1000	17371	2617939.874									
1000	17372	2617939.874									
1000	17373	2617939.874									

1000	17374	2617939.874									
1000	17375	2618117.59	2456-01-23 02:09:53	0.715290111	1.326409889	0.653493428º	1.195383323º	222.6307325	63.39081322	0.983830447	Total
1000	17376	2618117.59									
1000	17377	2618117.59									
1000	17378	2618117.59									
1000	17379	2618117.59									
1000	17380	2618117.59									
1000	17381	2618294.574	2456-07-18 01:46:10	0.759101632	1.282598368	0.783928319º	1.308459912º	232.4032115	55.99233339	1.016388306	Total
1000	17382	2618294.574									
1000	17383	2618294.574									
1000	17384	2618294.574									
1000	17385	2618294.574									
1000	17386	2618294.574									
1000	17387	2618471.55	2457-01-11 01:11:30	0.716013909	1.325686091	0.655851322º	1.197952649º	222.603484	63.22195622	0.983446731	Umbral
1000	17388	2618471.55									
1000	17389	2618471.55									
1000	17390	2618471.55									
1000	17391	2618471.55									
1000	17392	2618471.55									
1000	17393	2618619.9	2457-06-08 09:36:07	0.745142419	1.296557581	0.731631754º	1.257473835º	231.1111599	58.90675639	1.013855295	Grazing
1000	17394	2618619.9									
1000	17395	2618619.9									
1000	17396	2618619.9									
1000	17397	2618619.9									
1000	17398	2618796.103	2457-12-01 14:28:13	0.738935443	1.302764557	0.728651952º	1.268609832º	224.7074051	58.66943693	0.987350677	Grazing
1000	17399	2618796.103									
1000	17400	2618796.103									
1000	17401	2618796.103									
1000	17402	2618796.103									
1000	17403	2618825.683	2457-12-31 04:23:15	0.72944844	1.31225156	0.698297798º	1.240254757º	223.4144999	60.45117528	0.983708702	Penumbral
1000	17404	2618974.236	2458-05-28 17:39:24	0.729637623	1.312062377	0.67978349º	1.206602516º	229.7535491	62.12258853	1.011975178	Total Penumbral
1000	17405	2618974.236									
1000	17406	2618974.236									
1000	17407	2618974.236									
1000	17408	2618974.236									
1000	17409	2619003.75	2458-06-27 05:59:20	0.73809933	1.30360067	0.705166275º	1.229915807º	231.1900814	60.55493206	1.01596618	Grazing
1000	17410	2619150.671	2458-11-21 04:06:45	0.750969862	1.290730138	0.772103977º	1.3108649º	225.8478892	56.24960689	0.989544258	Umbral
1000	17411	2619150.671									
1000	17412	2619150.671									
1000	17413	2619150.671									
1000	17414	2619150.671									
1000	17415	2619328.298	2459-05-17 19:09:13	0.72157472	1.32012528	0.655957372º	1.184012109º	228.745182	63.69410598	1.009607035	Total
1000	17416	2619328.298									
1000	17417	2619328.298									

1000	17418	2619328.298									
1000	17419	2619328.298									
1000	17420	2619328.298									
1000	17421	2619505.34	2459-11-10 20:10:01	0.751432353	1.290267647	0.772124696º	1.309498251º	226.413376	56.28571571	0.992099021	Total
1000	17422	2619505.34									
1000	17423	2619505.34									
1000	17424	2619505.34									
1000	17425	2619505.34									
1000	17426	2619682.342	2460-05-05 20:12:27	0.727164912	1.314535088	0.675345694º	1.204857047º	228.425074	62.32820877	1.006829739	Umbral
1000	17427	2619682.342									
1000	17428	2619682.342									
1000	17429	2619682.342									
1000	17430	2619682.342									
1000	17431	2619682.342									
1000	17432	2619859.915	2460-10-30 09:57:09	0.740621899	1.301078101	0.729440477º	1.265274696º	226.4535888	58.74340611	0.994949107	Umbral
1000	17433	2619859.915									
1000	17434	2619859.915									
1000	17435	2619859.915									
1000	17436	2619859.915									
1000	17437	2619859.915									
1000	17438	2620007.192	2461-03-26 16:36:12	0.746438544	1.295261456	0.750359349º	1.285846412º	226.915737	57.54357088	0.995594132	Penumbral
1000	17439	2620007.192									
1000	17440	2620007.192									
1000	17441	2620007.192									
1000	17442	2620007.192									
1000	17443	2620036.638	2461-04-25 03:18:22	0.741274398	1.300425602	0.725230588º	1.25629939º	228.5341965	59.1339158	1.00387704	Penumbral
1000	17444	2620184.582	2461-09-20 01:58:20	0.722818719	1.318881281	0.662040697º	1.191875269º	228.0405857	63.21429925	1.006215536	Grazing
1000	17445	2620184.582									
1000	17446	2620184.582									
1000	17447	2620184.582									
1000	17448	2620184.582									
1000	17449	2620214.227	2461-10-19 17:26:59	0.725995754	1.315704246	0.677693899º	1.211907342º	226.3212786	62.01884461	0.99796773	Penumbral
1000	17450	2620361.83	2462-03-16 07:55:11	0.753202688	1.288497312	0.778638039º	1.31564179º	226.6554882	55.94469726	0.992782224	Umbral
1000	17451	2620361.83									
1000	17452	2620361.83									
1000	17453	2620361.83									
1000	17454	2620391.207	2462-04-14 16:58:44	0.75276732	1.28893268	0.770793771º	1.30343878º	228.4441986	56.48553533	1.000906361	Grazing
1000	17455	2620538.59	2462-09-09 02:10:09	0.722796289	1.318903711	0.660167381º	1.18853185º	228.6656632	63.3926716	1.009015194	Umbral
1000	17456	2620538.59									
1000	17457	2620538.59									
1000	17458	2620538.59									
1000	17459	2620538.59									
1000	17460	2620716.486	2463-03-05 23:39:51	0.747715303	1.293984697	0.758973698º	1.297366583º	225.8283089	56.9795881	0.990220697	Total
1000	17461	2620716.486									

1000	17462	2620716.486									
1000	17463	2620716.486									
1000	17464	2620716.486									
1000	17465	2620716.486									
1000	17466	2620892.741	2463-08-29 05:46:40	0.735230946	1.306469054	0.698697227º	1.225804766º	229.9486343	60.88932019	1.011421274	Total
1000	17467	2620892.741									
1000	17468	2620892.741									
1000	17469	2620892.741									
1000	17470	2620892.741									
1000	17471	2620892.741									
1000	17472	2621070.967	2464-02-23 11:12:39	0.732667977	1.309032023	0.706532117º	1.246176657º	224.4590988	60.01120962	0.987923973	Umbral
1000	17473	2621070.967									
1000	17474	2621070.967									
1000	17475	2621070.967									
1000	17476	2621070.967									
1000	17477	2621070.967									
1000	17478	2621247.196	2464-08-17 16:41:57	0.750609981	1.291090019	0.752420313º	1.278507215º	231.3024379	57.69102513	1.013383486	Umbral
1000	17479	2621247.196									
1000	17480	2621247.196									
1000	17481	2621247.196									
1000	17482	2621247.196									
1000	17483	2621395.357	2465-01-12 20:34:28	0.713852732	1.327847268	0.64930345º	1.191391211º	222.5000623	63.67339085	0.983471343	Grazing
1000	17484	2621395.357									
1000	17485	2621395.357									
1000	17486	2621395.357									
1000	17487	2621395.357									
1000	17488	2621425.144	2465-02-11 15:26:46	0.717904221	1.323795779	0.660162804º	1.200886743º	223.2187015	62.97475371	0.985951867	Penumbral
1000	17489	2621572.591	2465-07-09 02:10:35	0.758425741	1.283274259	0.781093867º	1.305593895º	232.3876236	56.14562248	1.016449475	Penumbral
1000	17490	2621572.591									
1000	17491	2621572.591									
1000	17492	2621572.591									
1000	17493	2621572.591									
1000	17494	2621601.869	2465-08-07 08:51:18	0.758593678	1.283106322	0.783089155º	1.308388119º	232.016256	56.0169626	1.014903539	Penumbral
1000	17495	2621749.337	2466-01-01 20:04:37	0.718992501	1.322707499	0.664887297º	1.206863705º	222.799838	62.61416691	0.983673404	Total Penumbral
1000	17496	2621749.337									
1000	17497	2621749.337									
1000	17498	2621749.337									
1000	17499	2621749.337									
1000	17500	2621779.112	2466-01-31 14:41:38	0.714752218	1.326947782	0.651324918º	1.192840011º	222.7798442	63.55308	0.984511393	Grazing
1000	17501	2621927.241	2466-06-28 17:47:02	0.748912671	1.292787329	0.74395011º	1.268662894º	231.8333359	58.21684567	1.016037333	Total
1000	17502	2621927.241									
1000	17503	2621927.241									
1000	17504	2621927.241									
1000	17505	2621927.241									

1000	17506	2622103.557	2466-12-22 01:21:22	0.734390547	1.307309453	0.714623665º	1.256152691º	223.8401472	59.46023491	0.984486061	Total
1000	17507	2622103.557									
1000	17508	2622103.557									
1000	17509	2622103.557									
1000	17510	2622103.557									
1000	17511	2622281.647	2467-06-18 03:32:11	0.733621111	1.308078889	0.6906157º	1.2158318º	230.7271328	61.46680518	1.015063661	Total
1000	17512	2622281.647									
1000	17513	2622281.647									
1000	17514	2622281.647									
1000	17515	2622281.647									
1000	17516	2622281.647									
1000	17517	2622458.069	2467-12-11 13:39:42	0.748236604	1.293463396	0.764125524º	1.304922123º	224.9049636	56.62944426	0.985819398	Total
1000	17518	2622458.069									
1000	17519	2622458.069									
1000	17520	2622458.069									
1000	17521	2622458.069									
1000	17522	2622458.069									
1000	17523	2622606.105	2468-05-07 14:31:39	0.721300936	1.320399064	0.656630373º	1.185917479º	228.201226	63.60513849	1.00725631	Grazing
1000	17524	2622606.105									
1000	17525	2622606.105									
1000	17526	2622606.105									
1000	17527	2622606.105									
1000	17528	2622635.76	2468-06-06 06:15:05	0.723304299	1.318395701	0.658518889º	1.184541524º	229.7855947	63.58637398	1.013507294	Penumbral
1000	17529	2622783.31	2468-10-31 19:26:46	0.7497044	1.2919956	0.763559301º	1.29960958º	226.8652634	56.7899784	0.994548084	Grazing
1000	17530	2622783.31									
1000	17531	2622783.31									
1000	17532	2622783.31									
1000	17533	2622783.31									
1000	17534	2622812.725	2468-11-30 05:24:12	0.751543165	1.290156835	0.775873213º	1.315682838º	225.4383344	56.01840345	0.987621845	Penumbral
1000	17535	2622960.198	2469-04-26 16:45:25	0.730274525	1.311425475	0.687240384º	1.218075851º	228.0063172	61.50504921	1.004318307	Umbral
1000	17536	2622960.198									
1000	17537	2622960.198									
1000	17538	2622960.198									
1000	17539	2622989.788	2469-05-26 06:54:19	0.72604714	1.31565286	0.668474545º	1.195552736º	229.4698008	62.86968271	1.011477588	Grazing
1000	17540	2623137.829	2469-10-21 07:53:16	0.736830061	1.304869939	0.714126379º	1.24858594º	226.8381773	59.70316044	0.997508169	Umbral
1000	17541	2623137.829									
1000	17542	2623137.829									
1000	17543	2623137.829									
1000	17544	2623137.829									
1000	17545	2623314.576	2470-04-16 01:49:07	0.744804699	1.296895301	0.740080906º	1.27250469º	228.1126803	58.21968105	1.001322245	Total
1000	17546	2623314.576									
1000	17547	2623314.576									
1000	17548	2623314.576									
1000	17549	2623314.576									

1000	17550	2623314.576									
1000	17551	2623492.059	2470-10-10 13:24:25	0.723290716	1.318409284	0.667289323º	1.200074456º	226.7833647	62.75882526	1.000643121	Total
1000	17552	2623492.059									
1000	17553	2623492.059									
1000	17554	2623492.059									
1000	17555	2623492.059									
1000	17556	2623492.059									
1000	17557	2623669.193	2471-04-05 16:37:48	0.753849048	1.287850952	0.777109505º	1.311144523º	227.9050457	56.10576246	0.998301161	Umbral
1000	17558	2623669.193									
1000	17559	2623669.193									
1000	17560	2623669.193									
1000	17561	2623669.193									
1000	17562	2623669.193									
1000	17563	2623846.069	2471-09-29 13:39:35	0.720106561	1.321593439	0.65540593º	1.186516481º	227.3068953	63.62736758	1.00379813	Umbral
1000	17564	2623846.069									
1000	17565	2623846.069									
1000	17566	2623846.069									
1000	17567	2623846.069									
1000	17568	2623994.432	2472-02-24 22:21:52	0.743717109	1.297982891	0.74535511º	1.284867358º	225.173649	57.7145973	0.988166218	Penumbral
1000	17569	2623994.432									
1000	17570	2623994.432									
1000	17571	2623994.432									
1000	17572	2623994.432									
1000	17573	2624023.872	2472-03-25 08:55:08	0.751194084	1.290505916	0.76873891º	1.304374245º	227.1256417	56.51684953	0.995318537	Penumbral
1000	17574	2624170.65	2472-08-19 03:36:31	0.740126807	1.301573193	0.714280127º	1.240476439º	230.6441893	59.94441566	1.013172774	Penumbral
1000	17575	2624170.65									
1000	17576	2624170.65									
1000	17577	2624170.65									
1000	17578	2624170.65									
1000	17579	2624200.157	2472-09-17 15:45:26	0.730521371	1.311178629	0.686368235º	1.215904596º	228.5798249	61.60330739	1.006782191	Penumbral
1000	17580	2624348.832	2473-02-13 07:58:00	0.727534276	1.314165724	0.690475291º	1.231072312º	223.8120671	60.9870819	0.986183344	Umbral
1000	17581	2624348.832									
1000	17582	2624348.832									
1000	17583	2624348.832									
1000	17584	2624348.832									
1000	17585	2624378.417	2473-03-14 22:00:48	0.737714786	1.303985214	0.720858778º	1.258044569º	225.7391288	59.21426518	0.992445792	Grazing
1000	17586	2624525.183	2473-08-08 16:23:55	0.754158564	1.287541436	0.765243233º	1.290602422º	231.7892658	56.99002297	1.014787194	Umbral
1000	17587	2624525.183									
1000	17588	2624525.183									
1000	17589	2624525.183									
1000	17590	2624525.183									
1000	17591	2624702.925	2474-02-02 10:11:34	0.715227345	1.326472655	0.652756582º	1.194170646º	222.8167383	63.45774985	0.984695102	Total
1000	17592	2624702.925									
1000	17593	2624702.925									

1000	17594	2624702.925									
1000	17595	2624702.925									
1000	17596	2624879.886	2474-07-29 09:15:51	0.75888538	1.28281462	0.783530131º	1.308343821º	232.2522901	56.00619812	1.01584198	Total
1000	17597	2624879.886									
1000	17598	2624879.886									
1000	17599	2624879.886									
1000	17600	2624879.886									
1000	17601	2624879.886									
1000	17602	2625056.887	2475-01-22 09:17:03	0.716544351	1.325155649	0.657258998º	1.199175254º	222.7029733	63.13209098	0.98378259	Umbral
1000	17603	2625056.887									
1000	17604	2625056.887									
1000	17605	2625056.887									
1000	17606	2625056.887									
1000	17607	2625056.887									
1000	17608	2625234.566	2475-07-19 01:35:12	0.751857059	1.289842941	0.755003775º	1.279541194º	232.0488652	57.58781629	1.016377018	Umbral
1000	17609	2625234.566									
1000	17610	2625234.566									
1000	17611	2625234.566									
1000	17612	2625234.566									
1000	17613	2625234.566									
1000	17614	2625381.457	2475-12-12 22:58:15	0.739267501	1.302432499	0.731035466º	1.271935135º	224.3516087	58.5020742	0.985631546	Grazing
1000	17615	2625381.457									
1000	17616	2625381.457									
1000	17617	2625381.457									
1000	17618	2625411.035	2476-01-11 12:49:46	0.730202933	1.311497067	0.700984657º	1.243072461º	223.4033474	60.27962498	0.983471262	Penumbral
1000	17619	2625559.52	2476-06-08 00:28:56	0.729435436	1.312264564	0.677763079º	1.203661763º	230.1878371	62.28652752	1.01374617	Penumbral
1000	17620	2625559.52									
1000	17621	2625559.52									
1000	17622	2625559.52									
1000	17623	2625559.52									
1000	17624	2625589.037	2476-07-07 12:53:30	0.737303633	1.304396367	0.70204322º	1.226572915º	231.2643574	60.75837431	1.016391984	Grazing
1000	17625	2625736.031	2476-12-01 12:44:43	0.750748117	1.290951883	0.772849107º	1.312768665º	225.3608147	56.17828979	0.987420757	Umbral
1000	17626	2625736.031									
1000	17627	2625736.031									
1000	17628	2625736.031									
1000	17629	2625736.031									
1000	17630	2625913.576	2477-05-28 01:50:04	0.722274937	1.319425063	0.65652484º	1.18343222º	229.3221313	63.6941736	1.011805486	Total
1000	17631	2625913.576									
1000	17632	2625913.576									
1000	17633	2625913.576									
1000	17634	2625913.576									
1000	17635	2625913.576									
1000	17636	2626090.695	2477-11-21 04:40:31	0.75045791	1.29124209	0.770142461º	1.308886026º	225.8127905	56.35645423	0.989576141	Total
1000	17637	2626090.695									

1000	17638	2626090.695									
1000	17639	2626090.695									
1000	17640	2626090.695									
1000	17641	2626090.695									
1000	17642	2626267.634	2478-05-17 03:13:35	0.728681807	1.313018193	0.678426993º	1.206565666º	229.1153365	62.16901997	1.009446583	Total
1000	17643	2626267.634									
1000	17644	2626267.634									
1000	17645	2626267.634									
1000	17646	2626267.634									
1000	17647	2626445.253	2478-11-10 18:04:56	0.739057116	1.302642884	0.725774201º	1.263146768º	225.7547267	58.91536201	0.992100844	Total
1000	17648	2626445.253									
1000	17649	2626445.253									
1000	17650	2626445.253									
1000	17651	2626445.253									
1000	17652	2626445.253									
1000	17653	2626592.53	2479-04-07 00:42:39	0.747881146	1.293818854	0.753658088º	1.287507046º	227.65652	57.40301559	0.998649092	Penumbral
1000	17654	2626592.53									
1000	17655	2626592.53									
1000	17656	2626592.53									
1000	17657	2626592.53									
1000	17658	2626621.953	2479-05-06 10:52:57	0.742930545	1.298769455	0.729119407º	1.258665344º	229.279252	58.94699449	1.006763985	Penumbral
1000	17659	2626769.875	2479-10-01 09:00:16	0.721502952	1.320197048	0.659887925º	1.191268588º	227.3042223	63.30925338	1.003287879	Grazing
1000	17660	2626769.875									
1000	17661	2626769.875									
1000	17662	2626769.875									
1000	17663	2626769.875									
1000	17664	2626799.543	2479-10-31 01:02:27	0.724403649	1.317296351	0.67455649º	1.21037674º	225.5743856	62.17330344	0.994975046	Penumbral
1000	17665	2626947.18	2480-03-26 16:19:02	0.753954862	1.287745138	0.77951351º	1.314953638º	227.3264226	55.93930058	0.995681404	Umbral
1000	17666	2626947.18									
1000	17667	2626947.18									
1000	17668	2626947.18									
1000	17669	2626947.18									
1000	17670	2626976.541	2480-04-25 00:58:25	0.753931996	1.287768004	0.773129051º	1.30417871º	229.1831786	56.40133148	1.003913229	Grazing
1000	17671	2627123.877	2480-09-19 09:03:26	0.722373264	1.319326736	0.660682783º	1.190453762º	228.0174085	63.3094342	1.006336321	Umbral
1000	17672	2627123.877									
1000	17673	2627123.877									
1000	17674	2627123.877									
1000	17675	2627301.837	2481-03-16 08:05:35	0.747792206	1.293907794	0.757353873º	1.294329987º	226.4097184	57.10884315	0.992833319	Total
1000	17676	2627301.837									
1000	17677	2627301.837									
1000	17678	2627301.837									
1000	17679	2627301.837									
1000	17680	2627301.837									
1000	17681	2627478.039	2481-09-08 12:56:12	0.735465041	1.306234959	0.701216442º	1.229523173º	229.4079307	60.69247686	1.009125469	Total

1000	17682	2627478.039									
1000	17683	2627478.039									
1000	17684	2627478.039									
1000	17685	2627478.039									
1000	17686	2627478.039									
1000	17687	2627656.31	2482-03-05 19:25:54	0.732436586	1.309263414	0.70422739º	1.242640913º	224.9382503	60.19133084	0.990182739	Umbral
1000	17688	2627656.31									
1000	17689	2627656.31									
1000	17690	2627656.31									
1000	17691	2627656.31									
1000	17692	2627656.31									
1000	17693	2627832.507	2482-08-29 00:10:26	0.750836405	1.290863595	0.754832964º	1.281915128º	230.8503973	57.52604138	1.011469966	Umbral
1000	17694	2627832.507									
1000	17695	2627832.507									
1000	17696	2627832.507									
1000	17697	2627832.507									
1000	17698	2627832.507									
1000	17699	2627980.692	2483-01-24 04:35:52	0.713866195	1.327833805	0.649099723º	1.190975444º	222.5854171	63.69481649	0.983856181	Grazing
1000	17700	2627980.692									
1000	17701	2627980.692									
1000	17702	2627980.692									
1000	17703	2628010.475	2483-02-22 23:23:51	0.71794962	1.32375038	0.659164255º	1.198867271º	223.6171408	63.07699094	0.987816932	Penumbral
1000	17704	2628157.902	2483-07-20 09:38:30	0.758116418	1.283583582	0.779933082º	1.304485099º	232.3438321	56.2069027	1.016348732	Penumbral
1000	17705	2628157.902									
1000	17706	2628157.902									
1000	17707	2628157.902									
1000	17708	2628157.902									
1000	17709	2628187.185	2483-08-18 16:25:44	0.758307444	1.283392556	0.783168325º	1.309251232º	231.6376722	55.99187304	1.013391179	Penumbral
1000	17710	2628334.677	2484-01-13 04:15:17	0.71954962	1.32215038	0.666708734º	1.208799727º	222.7940632	62.4884374	0.983465478	Total Penumbral
1000	17711	2628334.677									
1000	17712	2628334.677									
1000	17713	2628334.677									
1000	17714	2628334.677									
1000	17715	2628364.444	2484-02-11 22:39:30	0.715419105	1.326280895	0.652498693º	1.193278333º	223.1055009	63.49719691	0.985850315	Grazing
1000	17716	2628512.542	2484-07-09 01:00:27	0.748168701	1.293531299	0.740842807º	1.265343147º	231.8906193	58.40372147	1.016448871	Umbral
1000	17717	2628512.542									
1000	17718	2628512.542									
1000	17719	2628512.542									
1000	17720	2628512.542									
1000	17721	2628688.912	2485-01-01 09:53:06	0.735008331	1.306691669	0.717261942º	1.259215459º	223.7135569	59.28842772	0.983714953	Total
1000	17722	2628688.912									
1000	17723	2628688.912									
1000	17724	2628688.912									
1000	17725	2628688.912									

1000	17726	2628688.912									
1000	17727	2628866.931	2485-06-28 10:20:18	0.733040837	1.308659163	0.687970262º	1.212699999º	230.9267234	61.65395001	1.016004508	Total
1000	17728	2628866.931									
1000	17729	2628866.931									
1000	17730	2628866.931									
1000	17731	2628866.931									
1000	17732	2629043.434	2485-12-21 22:24:39	0.748360546	1.293339454	0.765551871º	1.307073305º	224.6270784	56.53165468	0.984499864	Total
1000	17733	2629043.434									
1000	17734	2629043.434									
1000	17735	2629043.434									
1000	17736	2629043.434									
1000	17737	2629043.434									
1000	17738	2629191.389	2486-05-18 21:19:30	0.722330179	1.319369821	0.658050981º	1.186003717º	228.857885	63.55261126	1.009802094	Grazing
1000	17739	2629191.389									
1000	17740	2629191.389									
1000	17741	2629191.389									
1000	17742	2629191.389									
1000	17743	2629221.033	2486-06-17 12:46:51	0.723562795	1.318137205	0.658275291º	1.183533963º	230.1562505	63.62943665	1.014981391	Total Penumbral
1000	17744	2629368.658	2486-11-12 03:48:01	0.748482915	1.293217085	0.760848993º	1.298400608º	226.1958159	56.89869007	0.991770395	Grazing
1000	17745	2629368.658									
1000	17746	2629368.658									
1000	17747	2629368.658									
1000	17748	2629368.658									
1000	17749	2629398.088	2486-12-11 14:07:11	0.750910372	1.290789628	0.774668376º	1.315473126º	225.0191911	56.05664482	0.985804539	Penumbral
1000	17750	2629545.5	2487-05-08 00:00:07	0.731941166	1.309758834	0.690781892º	1.220139859º	228.747488	61.32375318	1.007121479	Penumbral
1000	17751	2629545.5									
1000	17752	2629545.5									
1000	17753	2629545.5									
1000	17754	2629545.5									
1000	17755	2629575.068	2487-06-06 13:38:37	0.727261085	1.314438915	0.670962866º	1.197049529º	229.9969687	62.73492032	1.013383944	Grazing
1000	17756	2629723.158	2487-11-01 15:47:30	0.735151084	1.306548916	0.710352043º	1.246382456º	226.0922751	59.88643216	0.994584943	Umbral
1000	17757	2629723.158									
1000	17758	2629723.158									
1000	17759	2629723.158									
1000	17760	2629899.9	2488-04-26 09:36:33	0.746380579	1.295319421	0.74373188º	1.27459627º	228.8736858	58.05324038	1.004263589	Total
1000	17761	2629899.9									
1000	17762	2629899.9									
1000	17763	2629899.9									
1000	17764	2629899.9									
1000	17765	2629899.9									
1000	17766	2630077.365	2488-10-20 20:46:16	0.721807559	1.319892441	0.664652263º	1.199037953º	226.0219519	62.88333802	0.99764606	Total
1000	17767	2630077.365									
1000	17768	2630077.365									
1000	17769	2630077.365									

1000	17770	2630077.365									
1000	17771	2630077.365									
1000	17772	2630254.532	2489-04-16 00:46:22	0.754817254	1.286882746	0.778666643º	1.311097052º	228.6376823	56.06474678	1.001309785	Total
1000	17773	2630254.532									
1000	17774	2630254.532									
1000	17775	2630254.532									
1000	17776	2630254.532									
1000	17777	2630254.532									
1000	17778	2630431.365	2489-10-09 20:45:50	0.719397027	1.322302973	0.655230704º	1.187919801º	226.5824367	63.58536265	1.000823522	Umbral
1000	17779	2630431.365									
1000	17780	2630431.365									
1000	17781	2630431.365									
1000	17782	2630431.365									
1000	17783	2630431.365									
1000	17784	2630579.784	2490-03-07 06:49:08	0.743605546	1.298094454	0.743292896º	1.281529309º	225.6761954	57.86855018	0.990508566	Penumbral
1000	17785	2630579.784									
1000	17786	2630579.784									
1000	17787	2630579.784									
1000	17788	2630609.215	2490-04-05 17:09:25	0.751477807	1.290222193	0.767599076º	1.301627146º	227.8115067	56.62285144	0.998314148	Penumbral
1000	17789	2630755.95	2490-08-30 10:48:32	0.740496757	1.301203243	0.717087916º	1.244332267º	230.1874009	59.74057501	1.011158825	Penumbral
1000	17790	2630755.95									
1000	17791	2630755.95									
1000	17792	2630755.95									
1000	17793	2630755.95									
1000	17794	2630785.46	2490-09-28 23:02:17	0.730527434	1.311172566	0.688390221º	1.219440763º	227.918917	61.42384232	1.003911559	Penumbral
1000	17795	2630934.173	2491-02-24 16:09:36	0.727255635	1.314444365	0.688352652º	1.227868879º	224.2053801	61.1567002	0.98815893	Umbral
1000	17796	2630934.173									
1000	17797	2630934.173									
1000	17798	2630934.173									
1000	17799	2630934.173									
1000	17800	2630963.754	2491-03-26 06:05:53	0.737618823	1.304081177	0.718566415º	1.25419287º	226.3595613	59.3986975	0.995335038	Grazing
1000	17801	2631110.495	2491-08-19 23:53:01	0.754345695	1.287354305	0.76722827º	1.293424794º	231.4241904	56.85698278	1.013172368	Umbral
1000	17802	2631110.495									
1000	17803	2631110.495									
1000	17804	2631110.495									
1000	17805	2631110.495									
1000	17806	2631288.256	2492-02-13 18:09:14	0.715356405	1.326343595	0.652289493º	1.19290576º	223.1267003	63.51721756	0.986148237	Total
1000	17807	2631288.256									
1000	17808	2631288.256									
1000	17809	2631288.256									
1000	17810	2631288.256									
1000	17811	2631288.256									
1000	17812	2631465.2	2492-08-08 16:47:24	0.758492753	1.283207247	0.782827112º	1.30820597º	231.9687683	56.02890782	1.014749203	Total
1000	17813	2631465.2									

1000	17814	2631465.2									
1000	17815	2631465.2									
1000	17816	2631465.2									
1000	17817	2631642.223	2493-02-01 17:21:27	0.717271468	1.324428532	0.658918753º	1.20036562º	222.9319737	63.0349193	0.984635448	Umbral
1000	17818	2631642.223									
1000	17819	2631642.223									
1000	17820	2631642.223									
1000	17821	2631642.223									
1000	17822	2631642.223									
1000	17823	2631819.87	2493-07-29 08:53:17	0.750934634	1.290765366	0.751951258º	1.276766142º	231.85554	57.7536865	1.015839669	Umbral
1000	17824	2631819.87									
1000	17825	2631819.87									
1000	17826	2631819.87									
1000	17827	2631819.87									
1000	17828	2631819.87									
1000	17829	2631966.815	2493-12-23 07:33:20	0.739710773	1.301989227	0.733461369º	1.275076316º	224.1098889	58.33972978	0.984329883	Grazing
1000	17830	2631966.815									
1000	17831	2631966.815									
1000	17832	2631966.815									
1000	17833	2631966.815									
1000	17834	2631996.387	2494-01-21 21:17:15	0.731113868	1.310586132	0.703822394º	1.24577373º	223.5214714	60.10790578	0.983718909	Penumbral
1000	17835	2632144.8	2494-06-19 07:12:31	0.729127128	1.312572872	0.675756286º	1.20090623º	230.5100329	62.44475314	1.015191533	Penumbral
1000	17836	2632144.8									
1000	17837	2632144.8									
1000	17838	2632144.8									
1000	17839	2632144.8									
1000	17840	2632321.395	2494-12-12 21:28:11	0.750597996	1.291102004	0.773517101º	1.314427699º	224.9745053	56.11578089	0.985611633	Umbral
1000	17841	2632321.395									
1000	17842	2632321.395									
1000	17843	2632321.395									
1000	17844	2632321.395									
1000	17845	2632350.852	2495-01-11 08:26:38	0.745758124	1.295941876	0.756290579º	1.298394659º	224.2745941	57.02653267	0.983441736	Grazing
1000	17846	2632498.851	2495-06-08 08:25:12	0.722908112	1.318791888	0.657168474º	1.183101387º	229.8058436	63.68301108	1.013680195	Total
1000	17847	2632498.851									
1000	17848	2632498.851									
1000	17849	2632498.851									
1000	17850	2632498.851									
1000	17851	2632676.053	2495-12-02 13:16:55	0.749542895	1.292157105	0.76813429º	1.30806044º	225.2968679	56.43384264	0.987408701	Total
1000	17852	2632676.053									
1000	17853	2632676.053									
1000	17854	2632676.053									
1000	17855	2632676.053									
1000	17856	2632676.053									
1000	17857	2632852.923	2496-05-27 10:09:37	0.730140465	1.311559535	0.681542074º	1.208512206º	229.7338842	62.00176742	1.011685	Total

1000	17858	2632852.923									
1000	17859	2632852.923									
1000	17860	2632852.923									
1000	17861	2632852.923									
1000	17862	2632852.923									
1000	17863	2633030.597	2496-11-21 02:19:02	0.737560737	1.304139263	0.72222029º	1.260943959º	225.1222427	59.08715715	0.989612688	Total
1000	17864	2633030.597									
1000	17865	2633030.597									
1000	17866	2633030.597									
1000	17867	2633030.597									
1000	17868	2633177.863	2497-04-17 08:42:12	0.749315806	1.292384194	0.756879839º	1.289145093º	228.4125249	57.26595251	1.001620478	Grazing
1000	17869	2633177.863									
1000	17870	2633177.863									
1000	17871	2633177.863									
1000	17872	2633177.863									
1000	17873	2633207.265	2497-05-16 18:21:58	0.744520678	1.297179322	0.732943511º	1.261139258º	229.9743259	58.76002058	1.009337507	Penumbral
1000	17874	2633355.174	2497-10-11 16:09:56	0.720203268	1.321496732	0.657885862º	1.190828147º	226.5498916	63.39360009	1.000348054	Grazing
1000	17875	2633355.174									
1000	17876	2633355.174									
1000	17877	2633355.174									
1000	17878	2633355.174									
1000	17879	2633384.865	2497-11-10 08:45:10	0.722894287	1.318805713	0.67160472º	1.208919375º	224.8748205	62.31989762	0.992207774	Penumbral
1000	17880	2633532.525	2498-04-07 00:35:29	0.754706593	1.286993407	0.780242298º	1.314097634º	228.035371	55.9423188	0.998637162	Umbral
1000	17881	2633532.525									
1000	17882	2633532.525									
1000	17883	2633532.525									
1000	17884	2633532.525									
1000	17885	2633561.869	2498-05-06 08:51:26	0.755031097	1.286668903	0.775294101º	1.304855775º	229.894595	56.32372967	1.006734068	Grazing
1000	17886	2633709.171	2498-09-30 16:05:34	0.721931216	1.319768784	0.661274764º	1.192548987º	227.3257352	63.21790094	1.003488885	Total Penumbral
1000	17887	2633709.171									
1000	17888	2633709.171									
1000	17889	2633709.171									
1000	17890	2633709.171									
1000	17891	2633887.183	2499-03-27 16:23:26	0.747899399	1.293800601	0.755667055º	1.291091031º	227.0509004	57.24620125	0.995711439	Total
1000	17892	2633887.183									
1000	17893	2633887.183									
1000	17894	2633887.183									
1000	17895	2633887.183									
1000	17896	2634063.343	2499-09-19 20:14:12	0.735618681	1.306081319	0.703654089º	1.233359662º	228.7973155	60.49581625	1.00646058	Total
1000	17897	2634063.343									
1000	17898	2634063.343									
1000	17899	2634063.343									
1000	17900	2634063.343									
1000	17901	2634063.343									

1000	17902	2634241.647	2500-03-17 03:31:04	0.732294564	1.309405436	0.702000956º	1.238990634º	225.4998914	60.37361186	0.992808243	Umbral
1000	17903	2634241.647									
1000	17904	2634241.647									
1000	17905	2634241.647									
1000	17906	2634241.647									
1000	17907	2634241.647									
1000	17908	2634417.823	2500-09-09 07:45:31	0.750931694	1.290768306	0.757026474º	1.285327531º	230.3045064	57.36809856	1.009136306	Umbral
1000	17909	2634417.823									
1000	17910	2634417.823									
1000	17911	2634417.823									
1000	17912	2634417.823									
1000	17913	2634417.823									
1000	17914	2634566.024	2501-02-04 12:35:04	0.714083673	1.327616327	0.649179508º	1.190514308º	222.8004216	63.7078829	0.984839287	Grazing
1000	17915	2634566.024									
1000	17916	2634566.024									
1000	17917	2634566.024									
1000	17918	2634566.024									
1000	17919	2634595.801	2501-03-06 07:14:01	0.718150187	1.323549813	0.658364798º	1.196833318º	224.1176106	63.173191	0.990081608	Penumbral
1000	17920	2634743.213	2501-07-31 17:06:53	0.757627177	1.284072823	0.778478994º	1.303366855º	232.162399	56.27658784	1.015698433	Penumbral
1000	17921	2634743.213									
1000	17922	2634743.213									
1000	17923	2634743.213									
1000	17924	2634772.503	2501-08-30 00:04:27	0.757866125	1.283833875	0.78296613º	1.310064654º	231.1488405	55.97573439	1.011438571	Penumbral
1000	17925	2634920.018	2502-01-24 12:26:35	0.720295768	1.321404232	0.668779488º	1.210660336º	222.9195881	62.35732805	0.983846873	Total Penumbral
1000	17926	2634920.018									
1000	17927	2634920.018									
1000	17928	2634920.018									
1000	17929	2634920.018									
1000	17930	2634949.773	2502-02-23 06:33:00	0.716268921	1.325431079	0.65393877º	1.193703357º	223.5460723	63.43261441	0.987704253	Grazing
1000	17931	2635097.842	2502-07-21 08:11:59	0.747257976	1.294442024	0.737559779º	1.2621159º	231.8092547	58.59431714	1.016340782	Umbral
1000	17932	2635097.842									
1000	17933	2635097.842									
1000	17934	2635097.842									
1000	17935	2635097.842									
1000	17936	2635274.269	2503-01-13 18:27:10	0.735766141	1.305933859	0.720023434º	1.26210189º	223.714305	59.11911714	0.983488223	Total
1000	17937	2635274.269									
1000	17938	2635274.269									
1000	17939	2635274.269									
1000	17940	2635274.269									
1000	17941	2635274.269									
1000	17942	2635452.212	2503-07-10 17:04:50	0.732327164	1.309372836	0.685276712º	1.209791983º	230.9933712	61.83657248	1.016419936	Total
1000	17943	2635452.212									
1000	17944	2635452.212									
1000	17945	2635452.212									

1000	17946	2635452.212									
1000	17947	2635452.212									
1000	17948	2635628.801	2504-01-03 07:12:50	0.748584478	1.293115522	0.766985199º	1.30893275º	224.4700508	56.44188683	0.983725781	Total
1000	17949	2635628.801									
1000	17950	2635628.801									
1000	17951	2635628.801									
1000	17952	2635628.801									
1000	17953	2635806.302	2504-06-28 19:14:54	0.723721302	1.317978698	0.658060116º	1.182820371º	230.4042212	63.66146261	1.01594542	Umbral
1000	17954	2635806.302									
1000	17955	2635806.302									
1000	17956	2635806.302									
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1000	17958	2635806.302									
1000	17959	2635954.011	2504-11-23 12:15:43	0.747308835	1.294391165	0.758127008º	1.297039106º	225.594726	57.01234842	0.989266674	Grazing
1000	17960	2635954.011									
1000	17961	2635954.011									
1000	17962	2635954.011									
1000	17963	2635954.011									
1000	17964	2635983.454	2504-12-22 22:54:12	0.750364143	1.291335857	0.773448973º	1.31498574º	224.7115216	56.10274112	0.984471988	Penumbral
1000	17965	2636130.798	2505-05-19 07:09:11	0.733563089	1.308136911	0.694373596º	1.222377677º	229.4366651	61.13639593	1.009703896	Penumbral
1000	17966	2636130.798									
1000	17967	2636130.798									
1000	17968	2636130.798									
1000	17969	2636130.798									
1000	17970	2636160.347	2505-06-17 20:19:43	0.728382641	1.313317359	0.673500928º	1.198789876º	230.4165848	62.59096302	1.014922891	Grazing
1000	17971	2636308.492	2505-11-12 23:48:29	0.733530383	1.308169617	0.706668377º	1.24421096º	225.3950171	60.06703015	0.99178706	Umbral
1000	17972	2636308.492									
1000	17973	2636308.492									
1000	17974	2636308.492									
1000	17975	2636308.492									
1000	17976	2636485.221	2506-05-08 17:17:48	0.747904685	1.293795315	0.747333751º	1.276699956º	229.6050803	57.88882537	1.007105804	Total
1000	17977	2636485.221									
1000	17978	2636485.221									
1000	17979	2636485.221									
1000	17980	2636485.221									
1000	17981	2636662.678	2506-11-02 04:15:53	0.720390862	1.321309138	0.662164703º	1.198146567º	225.2881397	62.99834039	0.994675032	Total
1000	17982	2636662.678									
1000	17983	2636662.678									
1000	17984	2636662.678									
1000	17985	2636662.678									
1000	17986	2636662.678									
1000	17987	2636839.867	2507-04-28 08:47:46	0.755738577	1.285961423	0.780070353º	1.310916829º	229.3638341	56.03148071	1.00429748	Total
1000	17988	2636839.867									
1000	17989	2636839.867									

1000	17990	2636839.867									
1000	17991	2636839.867									
1000	17992	2636839.867									
1000	17993	2637016.668	2507-10-22 04:01:25	0.718727544	1.322972456	0.655175455º	1.18946808º	225.8614855	63.53427115	0.997819834	Total
1000	17994	2637016.668									
1000	17995	2637016.668									
1000	17996	2637016.668									
1000	17997	2637016.668									
1000	17998	2637016.668									
1000	17999	2637165.131	2508-03-18 15:08:53	0.743552434	1.298147566	0.741196901º	1.278015763º	226.2564277	58.02931719	0.993124152	Penumbral
1000	18000	2637165.131									
1000	18001	2637165.131									
1000	18002	2637165.131									
1000	18003	2637165.131									
1000	18004	2637194.552	2508-04-17 01:15:28	0.751739728	1.289960272	0.766297031º	1.29873859º	228.5141813	56.73761799	1.001288815	Penumbral
1000	18005	2637341.256	2508-09-10 18:08:04	0.740756894	1.300943106	0.719798669º	1.24825563º	229.6409577	59.53905635	1.008838593	Grazing
1000	18006	2637341.256									
1000	18007	2637341.256									
1000	18008	2637341.256									
1000	18009	2637370.77	2508-10-10 06:28:50	0.730510619	1.311189381	0.690434084º	1.223026798º	227.2340441	61.24312615	1.00100464	Penumbral
1000	18010	2637519.51	2509-03-08 00:13:56	0.727099224	1.314600776	0.686326803º	1.224608679º	224.6970654	61.32593198	0.990424908	Umbral
1000	18011	2637519.51									
1000	18012	2637519.51									
1000	18013	2637519.51									
1000	18014	2637519.51									
1000	18015	2637549.085	2509-04-06 14:01:49	0.737554448	1.304145552	0.716222901º	1.250294349º	227.022594	59.58725925	0.998233064	Grazing
1000	18016	2637695.811	2509-08-31 07:27:27	0.754382445	1.287317555	0.768991924º	1.296202007º	230.9496769	56.73194411	1.011224547	Umbral
1000	18017	2637695.811									
1000	18018	2637695.811									
1000	18019	2637695.811									
1000	18020	2637695.811									
1000	18021	2637873.584	2510-02-25 02:01:24	0.715664446	1.326035554	0.652052396º	1.191633371º	223.5506593	63.56902976	0.988040353	Total
1000	18022	2637873.584									
1000	18023	2637873.584									
1000	18024	2637873.584									
1000	18025	2637873.584									
1000	18026	2637873.584									
1000	18027	2638050.515	2510-08-21 00:21:56	0.757934127	1.283765873	0.781840916º	1.3080326º	231.5630118	56.06026309	1.013181686	Total
1000	18028	2638050.515									
1000	18029	2638050.515									
1000	18030	2638050.515									
1000	18031	2638050.515									
1000	18032	2638227.558	2511-02-14 01:23:09	0.718186068	1.323513932	0.660850173º	1.201511505º	223.2840098	62.93025117	0.986066038	Umbral
1000	18033	2638227.558									

1000	18034	2638227.558									
1000	18035	2638227.558									
1000	18036	2638227.558									
1000	18037	2638227.558									
1000	18038	2638405.175	2511-08-10 16:12:06	0.749848908	1.291851092	0.748679581º	1.274088889º	231.5305022	57.92408112	1.014690395	Umbral
1000	18039	2638405.175									
1000	18040	2638405.175									
1000	18041	2638405.175									
1000	18042	2638405.175									
1000	18043	2638405.175									
1000	18044	2638552.175	2512-01-04 16:11:57	0.740275262	1.301424738	0.735996044º	1.277968522º	223.9905509	58.18224916	0.983680538	Grazing
1000	18045	2638552.175									
1000	18046	2638552.175									
1000	18047	2638552.175									
1000	18048	2638552.175									
1000	18049	2638581.739	2512-02-03 05:44:04	0.732177285	1.309522715	0.706865184º	1.248311379º	223.7662224	59.93578563	0.984636669	Penumbral
1000	18050	2638730.077	2512-06-30 13:51:29	0.728701727	1.312998273	0.673701234º	1.198424146º	230.7073785	62.59633422	1.016017722	Penumbral
1000	18051	2638730.077									
1000	18052	2638730.077									
1000	18053	2638730.077									
1000	18054	2638730.077									
1000	18055	2638759.608	2512-07-30 02:35:56	0.735278865	1.306421135	0.695610215º	1.220457749º	231.0027791	61.15732958	1.015776475	Penumbral
1000	18056	2638906.761	2512-12-24 06:15:55	0.750534203	1.291165797	0.774184978º	1.315765474º	224.7012517	56.06197115	0.984392499	Umbral
1000	18057	2638906.761									
1000	18058	2638906.761									
1000	18059	2638906.761									
1000	18060	2638936.218	2513-01-22 17:13:26	0.746372605	1.295327395	0.758442091º	1.300370771º	224.3658934	56.91189463	0.983760037	Grazing
1000	18061	2639084.122	2513-06-19 14:55:59	0.723455646	1.318244354	0.657856766º	1.18305721º	230.1792014	63.66044088	1.01509392	Umbral
1000	18062	2639084.122									
1000	18063	2639084.122									
1000	18064	2639084.122									
1000	18065	2639084.122									
1000	18066	2639261.415	2513-12-13 21:58:13	0.748706385	1.292993615	0.766114879º	1.30701115º	224.8811052	56.51780988	0.985637739	Total
1000	18067	2639261.415									
1000	18068	2639261.415									
1000	18069	2639261.415									
1000	18070	2639261.415									
1000	18071	2639261.415									
1000	18072	2639438.209	2514-06-08 17:01:41	0.731516354	1.310183646	0.684700317º	1.210671347º	230.2605139	61.82709845	1.013606734	Total
1000	18073	2639438.209									
1000	18074	2639438.209									
1000	18075	2639438.209									
1000	18076	2639438.209									
1000	18077	2639438.209									

1000	18078	2639615.944	2514-12-03 10:38:45	0.736156712	1.305543288	0.718754646º	1.258693463º	224.5745566	59.25870103	0.987385534	Total
1000	18079	2639615.944									
1000	18080	2639615.944									
1000	18081	2639615.944									
1000	18082	2639615.944									
1000	18083	2639615.944									
1000	18084	2639763.191	2515-04-29 16:35:03	0.750714249	1.290985751	0.760048751º	1.290717958º	229.1597655	57.13283464	1.004632963	Grazing
1000	18085	2639763.191									
1000	18086	2639763.191									
1000	18087	2639763.191									
1000	18088	2639792.574	2515-05-29 01:46:18	0.746018369	1.295681631	0.736706789º	1.263690748º	230.5970152	58.57377469	1.011658455	Umbral
1000	18089	2639940.478	2515-10-23 23:27:46	0.718949655	1.322750345	0.656002487º	1.190581027º	225.8021709	63.46744219	0.997286157	Grazing
1000	18090	2639940.478									
1000	18091	2639940.478									
1000	18092	2639940.478									
1000	18093	2639940.478									
1000	18094	2639970.191	2515-11-22 16:34:43	0.721495395	1.320204605	0.668828907º	1.207540448º	224.2436469	62.45866439	0.989634966	Penumbral
1000	18095	2640117.864	2516-04-18 08:44:25	0.755431762	1.286268238	0.780827471º	1.313065517º	228.7588135	55.95389097	1.001671681	Umbral
1000	18096	2640117.864									
1000	18097	2640117.864									
1000	18098	2640117.864									
1000	18099	2640117.864									
1000	18100	2640147.193	2516-05-17 16:38:20	0.756038539	1.285661461	0.777274562º	1.305467105º	230.5545515	56.25314573	1.009343627	Grazing
1000	18101	2640294.47	2516-10-11 23:17:08	0.721496569	1.320203431	0.66194257º	1.19479811º	226.6151992	63.11882614	1.000510904	Penumbral
1000	18102	2640294.47									
1000	18103	2640294.47									
1000	18104	2640294.47									
1000	18105	2640294.47									
1000	18106	2640472.523	2517-04-08 00:32:53	0.748012634	1.293687366	0.753868132º	1.287703871º	227.7297855	57.39154603	0.998673822	Total
1000	18107	2640472.523									
1000	18108	2640472.523									
1000	18109	2640472.523									
1000	18110	2640472.523									
1000	18111	2640472.523									
1000	18112	2640648.654	2517-10-01 03:41:22	0.735714213	1.305985787	0.706046689º	1.237248705º	228.139849	60.30022037	1.003625289	Total
1000	18113	2640648.654									
1000	18114	2640648.654									
1000	18115	2640648.654									
1000	18116	2640648.654									
1000	18117	2640826.977	2518-03-28 11:27:21	0.732219735	1.309480265	0.699820043º	1.235269542º	226.1246348	60.55776052	0.995663978	Umbral
1000	18118	2640826.977									
1000	18119	2640826.977									
1000	18120	2640826.977									
1000	18121	2640826.977									

1000	18122	2640826.977									
1000	18123	2641003.144	2518-09-20 15:27:59	0.750915431	1.290784569	0.759023046º	1.288700526º	229.6855129	57.21767926	1.00651396	Total
1000	18124	2641003.144									
1000	18125	2641003.144									
1000	18126	2641003.144									
1000	18127	2641003.144									
1000	18128	2641003.144									
1000	18129	2641151.354	2519-02-15 20:30:28	0.714496197	1.327203803	0.649510873º	1.190043858º	223.1383607	63.71245816	0.986300176	Grazing
1000	18130	2641151.354									
1000	18131	2641151.354									
1000	18132	2641151.354									
1000	18133	2641151.354									
1000	18134	2641181.122	2519-03-17 14:56:10	0.718485662	1.323214338	0.657751049º	1.194807511º	224.7036989	63.2629918	0.992684784	Penumbral
1000	18135	2641328.526	2519-08-12 00:36:55	0.756964932	1.284735068	0.776751191º	1.302234635º	231.8497029	56.35432488	1.014547241	Penumbral
1000	18136	2641328.526									
1000	18137	2641328.526									
1000	18138	2641328.526									
1000	18139	2641328.526									
1000	18140	2641357.825	2519-09-10 07:48:27	0.757287357	1.284412643	0.782500166º	1.31081404º	230.5675949	55.96843621	1.009111825	Penumbral
1000	18141	2641505.359	2520-02-04 20:36:52	0.72122616	1.32047384	0.67109071º	1.212461988º	223.17327	62.22066548	0.984772927	Total Penumbral
1000	18142	2641505.359									
1000	18143	2641505.359									
1000	18144	2641505.359									
1000	18145	2641535.098	2520-03-05 14:20:53	0.717283755	1.324416245	0.655609296º	1.194160904º	224.0883198	63.35906912	0.989928858	Grazing
1000	18146	2641683.141	2520-07-31 15:22:55	0.746184458	1.295515542	0.734113017º	1.259000908º	231.5910605	58.78775739	1.015698374	Umbral
1000	18147	2641683.141									
1000	18148	2641683.141									
1000	18149	2641683.141									
1000	18150	2641683.141									
1000	18151	2641859.626	2521-01-24 03:01:57	0.736664726	1.305035274	0.722917473º	1.264809133º	223.8432539	58.95207287	0.983827244	Total
1000	18152	2641859.626									
1000	18153	2641859.626									
1000	18154	2641859.626									
1000	18155	2641859.626									
1000	18156	2641859.626									
1000	18157	2642037.491	2521-07-20 23:47:14	0.73147896	1.31022104	0.682563127º	1.207106265º	230.9234325	62.01369825	1.016365935	Total
1000	18158	2642037.491									
1000	18159	2642037.491									
1000	18160	2642037.491									
1000	18161	2642037.491									
1000	18162	2642037.491									
1000	18163	2642214.169	2522-01-13 16:02:45	0.748914717	1.292785283	0.768424717º	1.310504157º	224.4390549	56.35998805	0.983486439	Total
1000	18164	2642214.169									
1000	18165	2642214.169									

1000	18166	2642214.169									
1000	18167	2642214.169									
1000	18168	2642214.169									
1000	18169	2642391.57	2522-07-10 01:40:47	0.723770715	1.317929285	0.657882236º	1.182399127º	230.5203832	63.68216364	1.016416795	Umbral
1000	18170	2642391.57									
1000	18171	2642391.57									
1000	18172	2642391.57									
1000	18173	2642391.57									
1000	18174	2642539.367	2522-12-04 20:49:06	0.746204511	1.295495489	0.755426525º	1.295497973º	225.0800216	57.13082526	0.987143053	Grazing
1000	18175	2642539.367									
1000	18176	2642539.367									
1000	18177	2642539.367									
1000	18178	2642539.367									
1000	18179	2642568.822	2523-01-03 07:43:54	0.749915745	1.291784255	0.772240761º	1.314195951º	224.5243843	56.15669081	0.983711915	Penumbral
1000	18180	2642716.093	2523-05-30 14:13:36	0.735113217	1.306586783	0.697967256º	1.224819961º	230.0516756	60.94367978	1.011910487	Penumbral
1000	18181	2642716.093									
1000	18182	2642716.093									
1000	18183	2642716.093									
1000	18184	2642716.093									
1000	18185	2642745.624	2523-06-29 02:59:01	0.729394882	1.312305118	0.676027954º	1.200820011º	230.7148445	62.43845885	1.015883855	Grazing
1000	18186	2642893.83	2523-11-24 07:55:48	0.731994786	1.309705214	0.703133558º	1.242015358º	224.7669822	60.24479868	0.989322292	Total Penumbral
1000	18187	2642893.83									
1000	18188	2642893.83									
1000	18189	2642893.83									
1000	18190	2642893.83									
1000	18191	2642923.392	2523-12-23 21:25:00	0.739123114	1.302576886	0.73126519º	1.272782369º	224.1072643	58.47072597	0.9845076	Grazing
1000	18192	2643070.537	2524-05-19 00:53:32	0.749349537	1.292350463	0.750815592º	1.278863599º	230.2832671	57.72709838	1.009619903	Total
1000	18193	2643070.537									
1000	18194	2643070.537									
1000	18195	2643070.537									
1000	18196	2643070.537									
1000	18197	2643247.995	2524-11-12 11:53:09	0.719069878	1.322630122	0.659883809º	1.197336028º	224.6047217	63.10392956	0.991953811	Total
1000	18198	2643247.995									
1000	18199	2643247.995									
1000	18200	2643247.995									
1000	18201	2643247.995									
1000	18202	2643425.196	2525-05-08 16:42:19	0.75658647	1.28511353	0.781264367º	1.310650209º	230.0589988	56.00622791	1.007068447	Total
1000	18203	2643425.196									
1000	18204	2643425.196									
1000	18205	2643425.196									
1000	18206	2643425.196									
1000	18207	2643425.196									
1000	18208	2643601.977	2525-11-01 11:26:27	0.718126326	1.323573674	0.655251983º	1.191132686º	225.1684118	63.47470448	0.994862804	Total
1000	18209	2643601.977									

1000	18210	2643601.977									
1000	18211	2643601.977									
1000	18212	2643601.977									
1000	18213	2643601.977									
1000	18214	2643750.472	2526-03-29 23:20:19	0.743535366	1.298164634	0.739077934º	1.274323433º	226.8944231	58.19678363	0.996043459	Penumbral
1000	18215	2643750.472									
1000	18216	2643750.472									
1000	18217	2643750.472									
1000	18218	2643750.472									
1000	18219	2643779.884	2526-04-28 09:13:17	0.751953969	1.289746031	0.764853381º	1.295697002º	229.2090006	56.86099555	1.004302881	Penumbral
1000	18220	2643926.567	2526-09-22 01:35:56	0.740926885	1.300773115	0.722375416º	1.25225497º	229.0259072	59.34069847	1.006130116	Grazing
1000	18221	2643926.567									
1000	18222	2643926.567									
1000	18223	2643926.567									
1000	18224	2643926.567									
1000	18225	2644104.84	2527-03-19 08:09:56	0.727045259	1.314654741	0.684440074º	1.221255934º	225.2703726	61.49452799	0.993129708	Umbral
1000	18226	2644104.84									
1000	18227	2644104.84									
1000	18228	2644104.84									
1000	18229	2644104.84									
1000	18230	2644134.409	2527-04-17 21:48:18	0.737496372	1.304203628	0.713881777º	1.246311643º	227.7047749	59.77949838	1.001310804	Grazing
1000	18231	2644281.131	2527-09-11 15:08:08	0.754285713	1.287414287	0.770487521º	1.298964988º	230.3838146	56.61525672	1.008799449	Umbral
1000	18232	2644281.131									
1000	18233	2644281.131									
1000	18234	2644281.131									
1000	18235	2644281.131									
1000	18236	2644458.908	2528-03-07 09:46:50	0.716134116	1.325565884	0.652046967º	1.190359048º	224.0750777	63.61289914	0.990369336	Total
1000	18237	2644458.908									
1000	18238	2644458.908									
1000	18239	2644458.908									
1000	18240	2644458.908									
1000	18241	2644458.908									
1000	18242	2644635.834	2528-08-31 08:00:31	0.7572243	1.2844757	0.780582932º	1.307823293º	231.04967	56.09999472	1.011166477	Total
1000	18243	2644635.834									
1000	18244	2644635.834									
1000	18245	2644635.834									
1000	18246	2644635.834									
1000	18247	2644635.834									
1000	18248	2644812.889	2529-02-24 09:20:43	0.719273993	1.322426007	0.663014669º	1.202661263º	223.7488972	62.81785987	0.987920212	Umbral
1000	18249	2644812.889									
1000	18250	2644812.889									
1000	18251	2644812.889									
1000	18252	2644812.889									
1000	18253	2644990.481	2529-08-20 23:32:53	0.748612539	1.293087461	0.74526851º	1.271459048º	231.0845026	58.09818933	1.013183894	Umbral

1000	18254	2644990.481									
1000	18255	2644990.481									
1000	18256	2644990.481									
1000	18257	2644990.481									
1000	18258	2644990.481									
1000	18259	2645137.536	2530-01-15 00:52:31	0.740966294	1.300733706	0.738583708º	1.280673401º	223.9980232	58.02942283	0.983467837	Grazing
1000	18260	2645137.536									
1000	18261	2645137.536									
1000	18262	2645137.536									
1000	18263	2645137.536									
1000	18264	2645167.089	2530-02-13 14:08:40	0.733384218	1.308315782	0.71004695º	1.250760794º	224.1311386	59.76303479	0.985970275	Penumbral
1000	18265	2645315.352	2530-07-11 20:27:18	0.728153017	1.313546983	0.671667785º	1.196167643º	230.7716913	62.74039116	1.016449804	Penumbral
1000	18266	2645315.352									
1000	18267	2645315.352									
1000	18268	2645315.352									
1000	18269	2645315.352									
1000	18270	2645344.894	2530-08-10 09:27:01	0.734062309	1.307637691	0.692331067º	1.217712727º	230.6738024	61.35084114	1.014743791	Penumbral
1000	18271	2645492.13	2531-01-04 15:06:31	0.750567199	1.291132801	0.774822662º	1.316814971º	224.5496516	56.01674838	0.983644544	Umbral
1000	18272	2645492.13									
1000	18273	2645492.13									
1000	18274	2645492.13									
1000	18275	2645492.13									
1000	18276	2645521.583	2531-02-03 01:59:11	0.747099263	1.294600737	0.760628464º	1.302096654º	224.5822325	56.80358862	0.984596672	Grazing
1000	18277	2645669.392	2531-06-30 21:23:53	0.723903148	1.317796852	0.658585271º	1.183306274º	230.4290225	63.62641669	1.016021418	Umbral
1000	18278	2645669.392									
1000	18279	2645669.392									
1000	18280	2645669.392									
1000	18281	2645846.78	2531-12-25 06:43:16	0.747963643	1.293736357	0.764121992º	1.305701902º	224.5777064	56.60835395	0.984393565	Total
1000	18282	2645846.78									
1000	18283	2645846.78									
1000	18284	2645846.78									
1000	18285	2645846.78									
1000	18286	2645846.78									
1000	18287	2646023.494	2532-06-18 23:51:05	0.732788489	1.308911511	0.687842812º	1.213083597º	230.6780477	61.64577363	1.015015957	Total
1000	18288	2646023.494									
1000	18289	2646023.494									
1000	18290	2646023.494									
1000	18291	2646023.494									
1000	18292	2646023.494									
1000	18293	2646201.294	2532-12-13 19:03:05	0.734865662	1.306834338	0.715447371º	1.256322446º	224.12729	59.43002353	0.985676365	Total
1000	18294	2646201.294									
1000	18295	2646201.294									
1000	18296	2646201.294									
1000	18297	2646201.294									

1000	18298	2646201.294									
1000	18299	2646377.88	2533-06-08 09:06:57	0.747399996	1.294300004	0.740342686º	1.266358737º	231.1270259	58.38908819	1.013519981	Umbral
1000	18300	2646377.88									
1000	18301	2646377.88									
1000	18302	2646377.88									
1000	18303	2646377.88									
1000	18304	2646377.88									
1000	18305	2646525.787	2533-11-03 06:53:54	0.717771896	1.323928104	0.654311179º	1.19044424º	225.0850919	63.53098796	0.994394521	Grazing
1000	18306	2646525.787									
1000	18307	2646525.787									
1000	18308	2646525.787									
1000	18309	2646555.521	2533-12-03 00:30:23	0.720231984	1.321468016	0.666281892º	1.206178699º	223.6995803	62.58974165	0.987462364	Penumbral
1000	18310	2646703.199	2534-04-29 16:45:54	0.75610388	1.28559612	0.781224244º	1.311898302º	229.4722654	55.97414972	1.004623779	Umbral
1000	18311	2646703.199									
1000	18312	2646703.199									
1000	18313	2646703.199									
1000	18314	2646703.199									
1000	18315	2646732.514	2534-05-29 00:19:52	0.756930253	1.284769747	0.7790342º	1.306032173º	231.140481	56.1899941	1.011631554	Grazing
1000	18316	2646879.777	2534-10-23 06:38:29	0.721096657	1.320603343	0.662701568º	1.197165477º	225.9106415	63.01295521	0.997500054	Penumbral
1000	18317	2646879.777									
1000	18318	2646879.777									
1000	18319	2646879.777									
1000	18320	2646879.777									
1000	18321	2647057.857	2535-04-19 08:33:43	0.748106498	1.293593502	0.751956912º	1.284180128º	228.4226167	57.54467356	1.00169959	Total
1000	18322	2647057.857									
1000	18323	2647057.857									
1000	18324	2647057.857									
1000	18325	2647057.857									
1000	18326	2647057.857									
1000	18327	2647233.971	2535-10-12 11:18:07	0.735775991	1.305924009	0.708385973º	1.24117254º	227.4598813	60.1064827	1.000640426	Total
1000	18328	2647233.971									
1000	18329	2647233.971									
1000	18330	2647233.971									
1000	18331	2647233.971									
1000	18332	2647233.971									
1000	18333	2647412.302	2536-04-07 19:14:10	0.732187786	1.309512214	0.697660889º	1.231516319º	226.7907048	60.74334799	0.998636986	Umbral
1000	18334	2647412.302									
1000	18335	2647412.302									
1000	18336	2647412.302									
1000	18337	2647412.302									
1000	18338	2647588.471	2536-09-30 23:18:26	0.75081002	1.29088998	0.760824569º	1.292013752º	229.0164451	57.07518108	1.003649537	Total
1000	18339	2647588.471									
1000	18340	2647588.471									
1000	18341	2647588.471									

1000	18342	2647588.471									
1000	18343	2647588.471									
1000	18344	2647736.681	2537-02-26 04:20:40	0.71508985	1.32661015	0.650101128º	1.189562984º	223.5887638	63.70832062	0.988258523	Grazing
1000	18345	2647736.681									
1000	18346	2647736.681									
1000	18347	2647736.681									
1000	18348	2647736.681									
1000	18349	2647766.437	2537-03-27 22:29:34	0.718932565	1.322767435	0.657298729º	1.192826584º	225.3560754	63.34592911	0.995518296	Penumbral
1000	18350	2647913.84	2537-08-22 08:09:43	0.756141337	1.285558663	0.774767595º	1.301088283º	231.4168031	56.4396913	1.01293335	Penumbral
1000	18351	2647913.84									
1000	18352	2647913.84									
1000	18353	2647913.84									
1000	18354	2647913.84									
1000	18355	2647943.152	2537-09-20 15:38:32	0.75659218	1.28510782	0.781788719º	1.311486738º	229.9147736	55.96981312	1.006474933	Penumbral
1000	18356	2648090.698	2538-02-15 04:44:34	0.722330862	1.319369138	0.673641389º	1.214214633º	223.5481297	62.0782348	0.98622672	Total Penumbral
1000	18357	2648090.698									
1000	18358	2648090.698									
1000	18359	2648090.698									
1000	18360	2648090.698									
1000	18361	2648120.418	2538-03-16 22:02:11	0.718441638	1.323258362	0.657514378º	1.194656718º	224.7157896	63.27628692	0.992526074	Grazing
1000	18362	2648268.441	2538-08-11 22:34:30	0.744957141	1.296742859	0.73052228º	1.256010312º	231.2427788	58.98313487	1.014538383	Umbral
1000	18363	2648268.441									
1000	18364	2648268.441									
1000	18365	2648268.441									
1000	18366	2648444.983	2539-02-04 11:35:49	0.737699827	1.304000173	0.725959087º	1.267329154º	224.0973636	58.78705183	0.984775129	Total
1000	18367	2648444.983									
1000	18368	2648444.983									
1000	18369	2648444.983									
1000	18370	2648444.983									
1000	18371	2648444.983									
1000	18372	2648622.77	2539-08-01 06:29:00	0.730500218	1.311199782	0.67980782º	1.204689952º	230.7182914	62.18440329	1.015709519	Total
1000	18373	2648622.77									
1000	18374	2648622.77									
1000	18375	2648622.77									
1000	18376	2648622.77									
1000	18377	2648622.77									
1000	18378	2648799.537	2540-01-25 00:52:50	0.749352777	1.292347223	0.769890873º	1.311769547º	224.5353327	56.28581462	0.983850821	Total
1000	18379	2648799.537									
1000	18380	2648799.537									
1000	18381	2648799.537									
1000	18382	2648799.537									
1000	18383	2648799.537									
1000	18384	2648976.838	2540-07-20 08:06:05	0.723706878	1.317993122	0.65773472º	1.182281264º	230.5004875	63.69138088	1.016359338	Umbral
1000	18385	2648976.838									

1000	18386	2648976.838									
1000	18387	2648976.838									
1000	18388	2648976.838									
1000	18389	2648976.838									
1000	18390	2649124.727	2540-12-15 05:27:11	0.745188982	1.296511018	0.752762697º	1.293765094º	224.6668062	57.25408575	0.985444391	Grazing
1000	18391	2649124.727									
1000	18392	2649124.727									
1000	18393	2649124.727									
1000	18394	2649154.191	2541-01-13 16:34:48	0.749571844	1.292128156	0.771031377º	1.313116358º	224.4630666	56.2185388	0.983476386	Penumbral
1000	18395	2649301.385	2541-06-09 21:14:29	0.73656737	1.30513263	0.701558464º	1.227448949º	230.5726127	60.74641265	1.013761977	Penumbral
1000	18396	2649301.385									
1000	18397	2649301.385									
1000	18398	2649301.385									
1000	18399	2649301.385									
1000	18400	2649330.901	2541-07-09 09:38:01	0.73028548	1.31141452	0.678573327º	1.203091074º	230.8822545	62.27815984	1.016415136	Penumbral
1000	18401	2649479.173	2541-12-04 16:08:41	0.730568397	1.311131603	0.699737524º	1.239804657º	224.2263687	60.41971611	0.98715094	Total Penumbral
1000	18402	2649479.173									
1000	18403	2649479.173									
1000	18404	2649479.173									
1000	18405	2649479.173									
1000	18406	2649508.751	2542-01-03 06:01:14	0.738149559	1.303550441	0.728302363º	1.270274664º	223.8872723	58.63127617	0.983680858	Grazing
1000	18407	2649655.85	2542-05-30 08:24:34	0.750689754	1.291010246	0.754191794º	1.281045921º	230.8860173	57.56877005	1.011907756	Total
1000	18408	2649655.85									
1000	18409	2649655.85									
1000	18410	2649655.85									
1000	18411	2649655.85									
1000	18412	2649833.318	2542-11-23 19:37:37	0.717871887	1.323828113	0.657786984º	1.196620873º	223.9926231	63.2002956	0.989410259	Total
1000	18413	2649833.318									
1000	18414	2649833.318									
1000	18415	2649833.318									
1000	18416	2649833.318									
1000	18417	2649833.318									
1000	18418	2650010.521	2543-05-20 00:30:34	0.757335678	1.284364322	0.782249793º	1.310285611º	230.6992653	55.98924442	1.009643209	Total
1000	18419	2650010.521									
1000	18420	2650010.521									
1000	18421	2650010.521									
1000	18422	2650010.521									
1000	18423	2650187.292	2543-11-12 19:00:42	0.717620647	1.324079353	0.655496397º	1.192860991º	224.5263009	63.40725075	0.992115565	Total
1000	18424	2650187.292									
1000	18425	2650187.292									
1000	18426	2650187.292									
1000	18427	2650187.292									
1000	18428	2650187.292									
1000	18429	2650335.808	2544-04-09 07:22:58	0.743530002	1.298169998	0.736870195º	1.270530712º	227.5679822	58.37072924	0.999001728	Grazing

1000	18430	2650335.808									
1000	18431	2650335.808									
1000	18432	2650335.808									
1000	18433	2650335.808									
1000	18434	2650365.21	2544-05-08 17:03:07	0.752095174	1.289604826	0.763198523º	1.292585399º	229.8711244	56.99275965	1.00706648	Penumbral
1000	18435	2650511.884	2544-10-02 09:12:45	0.741029158	1.300670842	0.72487154º	1.256248876º	228.3654352	59.1462538	1.003294159	Grazing
1000	18436	2650511.884									
1000	18437	2650511.884									
1000	18438	2650511.884									
1000	18439	2650511.884									
1000	18440	2650541.411	2544-10-31 21:51:49	0.730511678	1.311188322	0.694525442º	1.230317763º	225.8911024	60.88101386	0.995026912	Total Penumbral
1000	18441	2650690.164	2545-03-29 15:56:48	0.727071025	1.314628975	0.682608933º	1.217907156º	225.9056785	61.66210123	0.995945352	Umbral
1000	18442	2650690.164									
1000	18443	2650690.164									
1000	18444	2650690.164									
1000	18445	2650690.164									
1000	18446	2650866.455	2545-09-21 22:55:52	0.754075815	1.287624185	0.771780825º	1.301633056º	229.7477133	56.50719194	1.006182002	Umbral
1000	18447	2650866.455									
1000	18448	2650866.455									
1000	18449	2650866.455									
1000	18450	2650866.455									
1000	18451	2651044.225	2546-03-18 17:24:31	0.716744143	1.324955857	0.652233821º	1.189132845º	224.6831578	63.64845122	0.992975874	Total
1000	18452	2651044.225									
1000	18453	2651044.225									
1000	18454	2651044.225									
1000	18455	2651044.225									
1000	18456	2651044.225									
1000	18457	2651221.156	2546-09-11 15:44:07	0.756381997	1.285318003	0.779080786º	1.307563351º	230.4470214	56.14777921	1.008789717	Total
1000	18458	2651221.156									
1000	18459	2651221.156									
1000	18460	2651221.156									
1000	18461	2651221.156									
1000	18462	2651221.156									
1000	18463	2651398.217	2547-03-07 17:12:57	0.720516552	1.321183448	0.665428349º	1.203807987º	224.3129876	62.69751347	0.99024506	Umbral
1000	18464	2651398.217									
1000	18465	2651398.217									
1000	18466	2651398.217									
1000	18467	2651398.217									
1000	18468	2651398.217									
1000	18469	2651575.789	2547-09-01 06:56:46	0.74724264	1.29445736	0.741683269º	1.268942834º	230.5324401	58.27518258	1.011129646	Umbral
1000	18470	2651575.789									
1000	18471	2651575.789									
1000	18472	2651575.789									
1000	18473	2651575.789									

1000	18474	2651722.898	2548-01-26 09:33:26	0.741784302	1.299915698	0.741294574º	1.28312534º	224.1328049	57.88101684	0.983937809	Grazing
1000	18475	2651722.898									
1000	18476	2651722.898									
1000	18477	2651722.898									
1000	18478	2651722.898									
1000	18479	2651752.437	2548-02-24 22:29:42	0.734720958	1.306979042	0.713408547º	1.253087416º	224.606116	59.58946052	0.987861131	Penumbral
1000	18480	2651900.626	2548-07-22 03:01:28	0.7274798	1.3142202	0.669609283º	1.194205123º	230.6997044	62.876115	1.016263831	Penumbral
1000	18481	2651900.626									
1000	18482	2651900.626									
1000	18483	2651900.626									
1000	18484	2651900.626									
1000	18485	2651930.18	2548-08-20 16:19:53	0.732726246	1.308973754	0.689013173º	1.215208589º	230.2252293	61.53911484	1.0131745	Penumbral
1000	18486	2652077.499	2549-01-14 23:58:27	0.750702845	1.290997155	0.775473069º	1.31753471º	224.5244498	55.98001209	0.983518733	Umbral
1000	18487	2652077.499									
1000	18488	2652077.499									
1000	18489	2652077.499									
1000	18490	2652077.499									
1000	18491	2652106.946	2549-02-13 10:42:23	0.747930303	1.293769697	0.76285898º	1.303565306º	224.9174861	56.70147833	0.985983985	Grazing
1000	18492	2652254.66	2549-07-11 03:50:28	0.724240894	1.317459106	0.659344152º	1.183857126º	230.5466208	63.58102564	1.016424387	Umbral
1000	18493	2652254.66									
1000	18494	2652254.66									
1000	18495	2652254.66									
1000	18496	2652254.66									
1000	18497	2652432.146	2550-01-04 15:30:38	0.747325616	1.294374384	0.762153335º	1.304134965º	224.3953182	56.70553868	0.983663926	Total
1000	18498	2652432.146									
1000	18499	2652432.146									
1000	18500	2652432.146									
1000	18501	2652432.146									
1000	18502	2652608.777	2550-06-30 06:39:10	0.733940054	1.307759946	0.690979955º	1.215715681º	230.9730362	61.4586448	1.015992911	Total
1000	18503	2652608.777									
1000	18504	2652608.777									
1000	18505	2652608.777									
1000	18506	2652608.777									
1000	18507	2652608.777									
1000	18508	2652786.646	2550-12-25 03:30:49	0.733704235	1.307995765	0.712269375º	1.25385574º	223.7928984	59.60125653	0.984381831	Total
1000	18509	2652786.646									
1000	18510	2652786.646									
1000	18511	2652786.646									
1000	18512	2652786.646									
1000	18513	2652786.646									
1000	18514	2652963.184	2551-06-19 16:25:01	0.748645466	1.293054534	0.743853122º	1.269110916º	231.5469797	58.20681437	1.014983088	Umbral
1000	18515	2652963.184									
1000	18516	2652963.184									
1000	18517	2652963.184									

1000	18518	2652963.184									
1000	18519	2652963.184									
1000	18520	2653111.103	2551-11-14 14:28:07	0.716698612	1.325001388	0.652798046º	1.190421758º	224.4213776	63.58452375	0.991637396	Grazing
1000	18521	2653111.103									
1000	18522	2653111.103									
1000	18523	2653111.103									
1000	18524	2653111.103									
1000	18525	2653140.855	2551-12-14 08:31:08	0.719125574	1.322574426	0.663964079º	1.204824441º	223.2585034	62.71333779	0.985703178	Penumbral
1000	18526	2653288.528	2552-05-10 00:40:16	0.756697007	1.285002993	0.781408644º	1.310616819º	230.1511058	56.00320924	1.007406542	Umbral
1000	18527	2653288.528									
1000	18528	2653288.528									
1000	18529	2653288.528									
1000	18530	2653317.831	2552-06-08 07:56:55	0.757684991	1.284015009	0.780547604º	1.306560298º	231.6320343	56.13466762	1.013526448	Penumbral
1000	18531	2653465.09	2552-11-02 14:09:35	0.720758783	1.320941217	0.66356951º	1.199614132º	225.2363108	62.90099106	0.994558581	Penumbral
1000	18532	2653465.09									
1000	18533	2653465.09									
1000	18534	2653465.09									
1000	18535	2653465.09									
1000	18536	2653494.836	2552-12-02 08:04:07	0.715168038	1.326531962	0.650767435º	1.190610072º	223.4418771	63.64900665	0.987561451	Grazing
1000	18537	2653643.185	2553-04-29 16:25:54	0.748155316	1.293544684	0.749905283º	1.28056304º	229.1047262	57.70529043	1.004654638	Total
1000	18538	2653643.185									
1000	18539	2653643.185									
1000	18540	2653643.185									
1000	18541	2653643.185									
1000	18542	2653819.295	2553-10-22 19:04:38	0.735829496	1.305870504	0.710691106º	1.245088353º	226.7821224	59.91528856	0.997624485	Total
1000	18543	2653819.295									
1000	18544	2653819.295									
1000	18545	2653819.295									
1000	18546	2653819.295									
1000	18547	2653819.295									
1000	18548	2653997.619	2554-04-19 02:51:16	0.732173135	1.309526865	0.695514595º	1.227758301º	227.4745913	60.92981538	1.001661027	Umbral
1000	18549	2653997.619									
1000	18550	2653997.619									
1000	18551	2653997.619									
1000	18552	2653997.619									
1000	18553	2653997.619									
1000	18554	2654173.804	2554-10-12 07:17:15	0.750639873	1.291060127	0.762454937º	1.295227434º	228.3216846	56.94091603	1.000666852	Total
1000	18555	2654173.804									
1000	18556	2654173.804									
1000	18557	2654173.804									
1000	18558	2654173.804									
1000	18559	2654322.003	2555-03-09 12:04:26	0.715846234	1.325853766	0.650920444º	1.189110765º	224.1376414	63.69517457	0.990593396	Grazing
1000	18560	2654322.003									
1000	18561	2654322.003									

1000	18562	2654322.003									
1000	18563	2654322.003									
1000	18564	2654351.746	2555-04-08 05:53:44	0.719464993	1.322235007	0.656989001º	1.190924135º	226.0530152	63.4214565	0.998487912	Penumbral
1000	18565	2654499.157	2555-09-02 15:46:22	0.755172409	1.286527591	0.772543935º	1.299931902º	230.8789247	56.53221042	1.01088347	Penumbral
1000	18566	2654499.157									
1000	18567	2654499.157									
1000	18568	2654499.157									
1000	18569	2654499.157									
1000	18570	2654528.483	2555-10-01 23:35:20	0.755804326	1.285895674	0.780860619º	1.312061132º	229.2133536	55.9796606	1.003628132	Penumbral
1000	18571	2654676.034	2556-02-26 12:48:18	0.723595075	1.318104925	0.676410893º	1.21594869º	224.0335298	61.92981347	0.988119426	Penumbral
1000	18572	2654676.034									
1000	18573	2654676.034									
1000	18574	2654676.034									
1000	18575	2654676.034									
1000	18576	2654705.733	2556-03-27 05:36:10	0.719717247	1.321982753	0.659603918º	1.195251471º	225.4092269	63.18401431	0.995295835	Grazing
1000	18577	2654853.742	2556-08-22 05:48:00	0.743589823	1.298110177	0.726828435º	1.253134343º	230.7757349	59.17952995	1.012961796	Umbral
1000	18578	2654853.742									
1000	18579	2654853.742									
1000	18580	2654853.742									
1000	18581	2654853.742									
1000	18582	2655030.338	2557-02-14 20:07:15	0.738862282	1.302837718	0.729109911º	1.269707744º	224.4697953	58.62383218	0.986181862	Total
1000	18583	2655030.338									
1000	18584	2655030.338									
1000	18585	2655030.338									
1000	18586	2655030.338									
1000	18587	2655208.05	2557-08-11 13:11:33	0.729399997	1.312300003	0.677063032º	1.202512285º	230.3842681	62.34783348	1.014613256	Total
1000	18588	2655208.05									
1000	18589	2655208.05									
1000	18590	2655208.05									
1000	18591	2655208.05									
1000	18592	2655208.05									
1000	18593	2655384.904	2558-02-04 09:41:33	0.749895309	1.291804691	0.771370679º	1.312744281º	224.7561985	56.21924935	0.984768698	Total
1000	18594	2655384.904									
1000	18595	2655384.904									
1000	18596	2655384.904									
1000	18597	2655384.904									
1000	18598	2655384.904									
1000	18599	2655562.106	2558-07-31 14:32:24	0.723530732	1.318169268	0.657612276º	1.182472663º	230.3453378	63.6890875	1.015751601	Umbral
1000	18600	2655562.106									
1000	18601	2655562.106									
1000	18602	2655562.106									
1000	18603	2655562.106									
1000	18604	2655562.106									
1000	18605	2655710.089	2558-12-26 14:08:42	0.744277367	1.297422633	0.750164963º	1.291810666º	224.3669141	57.38218368	0.984273993	Grazing

1000	18606	2655710.089									
1000	18607	2655710.089									
1000	18608	2655710.089									
1000	18609	2655710.089									
1000	18610	2655739.559	2559-01-25 01:25:19	0.749334296	1.292365704	0.769849348º	1.31171665º	224.528977	56.2883708	0.983871468	Penumbral
1000	18611	2655886.676	2559-06-21 04:13:03	0.737905	1.303795	0.70509434º	1.230293098º	230.982619	60.54548376	1.015097179	Penumbral
1000	18612	2655886.676									
1000	18613	2655886.676									
1000	18614	2655886.676									
1000	18615	2655916.179	2559-07-20 16:18:11	0.731047042	1.310652958	0.681073811º	1.205645744º	230.9140496	62.11090198	1.016310146	Penumbral
1000	18616	2656064.518	2559-12-16 00:26:05	0.729271849	1.312428151	0.696546133º	1.237506872º	223.7885422	60.59187639	0.98552028	Penumbral
1000	18617	2656064.518									
1000	18618	2656064.518									
1000	18619	2656064.518									
1000	18620	2656064.518									
1000	18621	2656094.11	2560-01-14 14:38:09	0.737309964	1.304390036	0.725493845º	1.267547843º	223.7932451	58.79452618	0.983532599	Grazing
1000	18622	2656241.161	2560-06-09 15:51:52	0.751902847	1.289797153	0.757378443º	1.283304446º	231.3933211	57.41457252	1.013693513	Umbral
1000	18623	2656241.161									
1000	18624	2656241.161									
1000	18625	2656241.161									
1000	18626	2656241.161									
1000	18627	2656418.645	2560-12-04 03:28:28	0.716821335	1.324878665	0.655936317º	1.195927906º	223.4703206	63.28769055	0.987289041	Total
1000	18628	2656418.645									
1000	18629	2656418.645									
1000	18630	2656418.645									
1000	18631	2656418.645									
1000	18632	2656418.645									
1000	18633	2656595.843	2561-05-30 08:13:14	0.757963093	1.283736907	0.782990978º	1.309850027º	231.2622206	55.9807628	1.011898304	Total
1000	18634	2656595.843									
1000	18635	2656595.843									
1000	18636	2656595.843									
1000	18637	2656595.843									
1000	18638	2656595.843									
1000	18639	2656772.614	2561-11-23 02:43:37	0.717235924	1.324464076	0.655897111º	1.19465063º	223.9562406	63.33244221	0.989557858	Total
1000	18640	2656772.614									
1000	18641	2656772.614									
1000	18642	2656772.614									
1000	18643	2656772.614									
1000	18644	2656950.532	2562-05-20 00:45:25	0.752139408	1.289560592	0.761367737º	1.289382647º	230.4764568	57.13261392	1.009683189	Umbral
1000	18645	2656950.532									
1000	18646	2656950.532									
1000	18647	2656950.532									
1000	18648	2656950.532									
1000	18649	2656950.532									

1000	18650	2657097.208	2562-10-13 16:58:52	0.741088069	1.300611931	0.727251948º	1.260248784º	227.6839419	58.95637447	1.000245671	Grazing
1000	18651	2657097.208									
1000	18652	2657097.208									
1000	18653	2657097.208									
1000	18654	2657097.208									
1000	18655	2657126.742	2562-11-12 05:47:50	0.730580925	1.311119075	0.696612965º	1.233943153º	225.2804012	60.70085559	0.992179092	Total Penumbral
1000	18656	2657275.482	2563-04-09 23:34:03	0.727151689	1.314548311	0.680871527º	1.214538789º	226.5810286	61.82813178	0.998989101	Umbral
1000	18657	2657275.482									
1000	18658	2657275.482									
1000	18659	2657275.482									
1000	18660	2657275.482									
1000	18661	2657305.037	2563-05-09 12:53:04	0.737296862	1.304403138	0.709006292º	1.238383735º	229.0284178	60.1726109	1.007084426	Grazing
1000	18662	2657451.786	2563-10-03 06:51:11	0.753775752	1.287924248	0.772834326º	1.304233524º	229.0646273	56.40794747	1.003252884	Umbral
1000	18663	2657451.786									
1000	18664	2657451.786									
1000	18665	2657451.786									
1000	18666	2657629.537	2564-03-29 00:53:45	0.717470055	1.324229945	0.652608502º	1.187971313º	225.355266	63.67524505	0.995825199	Total
1000	18667	2657629.537									
1000	18668	2657629.537									
1000	18669	2657629.537									
1000	18670	2657629.537									
1000	18671	2657629.537									
1000	18672	2657806.482	2564-09-21 23:33:31	0.755429241	1.286270759	0.777366311º	1.307235309º	229.776186	56.20325717	1.00615016	Total
1000	18673	2657806.482									
1000	18674	2657806.482									
1000	18675	2657806.482									
1000	18676	2657806.482									
1000	18677	2657806.482									
1000	18678	2657983.541	2565-03-18 00:58:54	0.721891102	1.319808898	0.668032289º	1.205020652º	224.9595015	62.5690081	0.992810673	Total
1000	18679	2657983.541									
1000	18680	2657983.541									
1000	18681	2657983.541									
1000	18682	2657983.541									
1000	18683	2657983.541									
1000	18684	2658161.101	2565-09-11 14:24:48	0.745760258	1.295939742	0.73801059º	1.266481768º	229.8926979	58.45423952	1.008811454	Total
1000	18685	2658161.101									
1000	18686	2658161.101									
1000	18687	2658161.101									
1000	18688	2658161.101									
1000	18689	2658161.101									
1000	18690	2658308.259	2566-02-05 18:13:06	0.742724781	1.298975219	0.744073095º	1.285386757º	224.3914992	57.73680438	0.984877742	Grazing
1000	18691	2658308.259									
1000	18692	2658308.259									
1000	18693	2658308.259									

1000	18694	2658308.259									
1000	18695	2658485.9	2566-08-02 09:35:29	0.726685992	1.315014008	0.667576126º	1.192503354º	230.4931878	63.00278432	1.015622262	Penumbral
1000	18696	2658485.9									
1000	18697	2658485.9									
1000	18698	2658485.9									
1000	18699	2658485.9									
1000	18700	2658515.469	2566-08-31 23:15:51	0.731288847	1.310411153	0.685703176º	1.212921004º	229.6717851	61.72129466	1.011209693	Penumbral
1000	18701	2658662.868	2567-01-26 08:50:11	0.750942192	1.290757808	0.776110568º	1.317952413º	224.626465	55.95168614	0.983917691	Umbral
1000	18702	2658662.868									
1000	18703	2658662.868									
1000	18704	2658662.868									
1000	18705	2658662.868									
1000	18706	2658692.307	2567-02-24 19:21:40	0.748853363	1.292846637	0.765109305º	1.304802127º	225.3618359	56.60548233	0.98783559	Grazing
1000	18707	2658839.929	2567-07-22 10:17:16	0.724464128	1.317235872	0.660128542º	1.184709771º	230.5281802	63.52448575	1.016292136	Umbral
1000	18708	2658839.929									
1000	18709	2658839.929									
1000	18710	2658839.929									
1000	18711	2658839.929									
1000	18712	2659017.513	2568-01-16 00:18:49	0.746798594	1.294901406	0.760233038º	1.302283831º	224.3388441	56.80948402	0.983538414	Total
1000	18713	2659017.513									
1000	18714	2659017.513									
1000	18715	2659017.513									
1000	18716	2659017.513									
1000	18717	2659017.513									
1000	18718	2659194.061	2568-07-10 13:27:22	0.734958878	1.306741122	0.694064833º	1.218590083º	231.1363348	61.26663195	1.016400598	Total
1000	18719	2659194.061									
1000	18720	2659194.061									
1000	18721	2659194.061									
1000	18722	2659194.061									
1000	18723	2659372	2569-01-04 12:00:29	0.732684603	1.309015397	0.709267475º	1.251238488º	223.5803796	59.7726072	0.983683195	Total
1000	18724	2659372									
1000	18725	2659372									
1000	18726	2659372									
1000	18727	2659372									
1000	18728	2659372									
1000	18729	2659548.487	2569-06-29 23:41:40	0.749738816	1.291961184	0.747201119º	1.271954008º	231.8431511	58.02780199	1.015959681	Umbral
1000	18730	2659548.487									
1000	18731	2659548.487									
1000	18732	2659548.487									
1000	18733	2659548.487									
1000	18734	2659548.487									
1000	18735	2659696.424	2569-11-24 22:09:52	0.715756353	1.325943647	0.651501844º	1.190462933º	223.8317658	63.62838213	0.989176749	Grazing
1000	18736	2659696.424									
1000	18737	2659696.424									

1000	18738	2659696.424									
1000	18739	2659696.424									
1000	18740	2659726.191	2569-12-24 16:35:41	0.718193532	1.323506468	0.661889722º	1.203453107º	222.9330711	62.82969713	0.984423601	Penumbral
1000	18741	2659873.853	2570-05-21 08:28:03	0.757186636	1.284513364	0.781358664º	1.309241347º	230.7714733	56.04115372	1.009936099	Penumbral
1000	18742	2659873.853									
1000	18743	2659873.853									
1000	18744	2659873.853									
1000	18745	2659873.853									
1000	18746	2659903.146	2570-06-19 15:30:26	0.758285022	1.283414978	0.78179506º	1.307056607º	232.0119307	56.08751912	1.014975835	Penumbral
1000	18747	2660050.41	2570-11-13 21:50:07	0.720509283	1.321190717	0.664570442º	1.202102755º	224.6150613	62.7835629	0.991806007	Penumbral
1000	18748	2660050.41									
1000	18749	2660050.41									
1000	18750	2660050.41									
1000	18751	2660080.165	2570-12-13 15:57:15	0.714818018	1.326881982	0.650810437º	1.191618099º	223.0410524	63.6129081	0.985799233	Grazing
1000	18752	2660228.507	2571-05-11 00:09:42	0.748134068	1.293565932	0.747692243º	1.276891626º	229.7514015	57.87301491	1.00742328	Total
1000	18753	2660228.507									
1000	18754	2660228.507									
1000	18755	2660228.507									
1000	18756	2660228.507									
1000	18757	2660404.626	2571-11-03 03:00:46	0.735900411	1.305799589	0.712982718º	1.248955363º	226.1307497	59.72719903	0.994692142	Total
1000	18758	2660404.626									
1000	18759	2660404.626									
1000	18760	2660404.626									
1000	18761	2660404.626									
1000	18762	2660404.626									
1000	18763	2660582.93	2572-04-29 10:18:38	0.732149851	1.309550149	0.693347451º	1.224051368º	228.151809	61.11648617	1.004567257	Total
1000	18764	2660582.93									
1000	18765	2660582.93									
1000	18766	2660582.93									
1000	18767	2660582.93									
1000	18768	2660582.93									
1000	18769	2660759.142	2572-10-22 15:24:35	0.750430537	1.291269463	0.763935206º	1.298307751º	227.6260334	56.81511159	0.9976706	Total
1000	18770	2660759.142									
1000	18771	2660759.142									
1000	18772	2660759.142									
1000	18773	2660759.142									
1000	18774	2660759.142									
1000	18775	2660907.32	2573-03-19 19:40:47	0.716743065	1.324956935	0.651954514º	1.1887122º	224.7678212	63.67267273	0.993237342	Grazing
1000	18776	2660907.32									
1000	18777	2660907.32									
1000	18778	2660907.32									
1000	18779	2660937.048	2573-04-18 13:08:28	0.720055514	1.321644486	0.656799729º	1.189138776º	226.771032	63.48897105	1.001481633	Penumbral
1000	18780	2661084.478	2573-09-12 23:27:47	0.754078012	1.287621988	0.770108244º	1.298758315º	230.2547763	56.63137048	1.008470078	Grazing
1000	18781	2661084.478									

1000	18782	2661084.478									
1000	18783	2661084.478									
1000	18784	2661084.478									
1000	18785	2661113.819	2573-10-12 07:39:19	0.754949396	1.286750604	0.779733735º	1.312527898º	228.4875431	55.99775178	1.000626161	Umbral
1000	18786	2661261.366	2574-03-08 20:46:51	0.724999583	1.316700417	0.679412786º	1.217659157º	224.6154363	61.7752069	0.990490242	Penumbral
1000	18787	2661261.366									
1000	18788	2661261.366									
1000	18789	2661261.366									
1000	18790	2661261.366									
1000	18791	2661291.043	2574-04-07 13:02:28	0.721082704	1.320617296	0.661904276º	1.19592677º	226.1470881	63.08205002	0.998324571	Grazing
1000	18792	2661439.045	2574-09-02 13:04:35	0.742100715	1.299599285	0.723021105º	1.250414236º	230.2053071	59.3760336	1.010873571	Umbral
1000	18793	2661439.045									
1000	18794	2661439.045									
1000	18795	2661439.045									
1000	18796	2661439.045									
1000	18797	2661615.691	2575-02-26 04:34:53	0.740138292	1.301561708	0.732395278º	1.271924152º	224.9500917	58.46224538	0.988135769	Total
1000	18798	2661615.691									
1000	18799	2661615.691									
1000	18800	2661615.691									
1000	18801	2661615.691									
1000	18802	2661615.691									
1000	18803	2661793.331	2575-08-22 19:56:20	0.728192194	1.313507806	0.674309882º	1.200611914º	229.9323142	62.50322337	1.012969256	Total
1000	18804	2661793.331									
1000	18805	2661793.331									
1000	18806	2661793.331									
1000	18807	2661793.331									
1000	18808	2661970.269	2576-02-15 18:27:23	0.750534202	1.291165798	0.772859257º	1.313434198º	225.095118	56.16021571	0.986223626	Total
1000	18809	2661970.269									
1000	18810	2661970.269									
1000	18811	2661970.269									
1000	18812	2661970.269									
1000	18813	2661970.269									
1000	18814	2662147.376	2576-08-10 21:01:17	0.723248273	1.318451727	0.657529437º	1.182955563º	230.0607441	63.67538771	1.014657917	Umbral
1000	18815	2662147.376									
1000	18816	2662147.376									
1000	18817	2662147.376									
1000	18818	2662147.376									
1000	18819	2662147.376									
1000	18820	2662295.453	2577-01-05 22:52:14	0.743480383	1.298219617	0.74762397º	1.28964177º	224.1886451	57.51524911	0.983598283	Grazing
1000	18821	2662295.453									
1000	18822	2662295.453									
1000	18823	2662295.453									
1000	18824	2662295.453									
1000	18825	2662324.926	2577-02-04 10:13:55	0.749200096	1.292499904	0.768654843º	1.310035278º	224.7196095	56.36630276	0.98475627	Penumbral

1000	18826	2662471.966	2577-07-01 11:10:38	0.739109776	1.302590224	0.708598226º	1.233300769º	231.2685876	60.34183823	1.016057165	Penumbral
1000	18827	2662471.966									
1000	18828	2662471.966									
1000	18829	2662471.966									
1000	18830	2662471.966									
1000	18831	2662501.459	2577-07-30 23:00:59	0.73167728	1.31002272	0.683581009º	1.208407444º	230.810414	61.93758501	1.01581731	Penumbral
1000	18832	2662649.866	2577-12-26 08:46:42	0.728121677	1.313578323	0.693509416º	1.235165274º	223.4656643	60.76146205	0.984255539	Penumbral
1000	18833	2662649.866									
1000	18834	2662649.866									
1000	18835	2662649.866									
1000	18836	2662679.468	2578-01-24 23:14:08	0.736606967	1.305093033	0.722771426º	1.26466432º	223.8270084	58.96072153	0.983825002	Grazing
1000	18837	2662826.47	2578-06-20 23:16:29	0.752969922	1.288730078	0.76040503º	1.285580809º	231.7882074	57.26523381	1.015141594	Umbral
1000	18838	2662826.47									
1000	18839	2662826.47									
1000	18840	2662826.47									
1000	18841	2662826.47									
1000	18842	2663003.975	2578-12-15 11:24:37	0.715939068	1.325760932	0.654319284º	1.195259434º	223.0533584	63.36639433	0.985557787	Total
1000	18843	2663003.975									
1000	18844	2663003.975									
1000	18845	2663003.975									
1000	18846	2663003.975									
1000	18847	2663003.975									
1000	18848	2663181.161	2579-06-10 15:51:09	0.758448535	1.283251465	0.783460767º	1.309363518º	231.7278533	55.98097703	1.013738331	Total
1000	18849	2663181.161									
1000	18850	2663181.161									
1000	18851	2663181.161									
1000	18852	2663181.161									
1000	18853	2663181.161									
1000	18854	2663357.94	2579-12-04 10:34:18	0.716994864	1.324705136	0.656511582º	1.196431407º	223.4767194	63.25072744	0.987420268	Total
1000	18855	2663357.94									
1000	18856	2663357.94									
1000	18857	2663357.94									
1000	18858	2663357.94									
1000	18859	2663357.94									
1000	18860	2663535.848	2580-05-30 08:20:50	0.752065007	1.289634993	0.75929818º	1.286170127º	231.0025863	57.28018984	1.011873531	Umbral
1000	18861	2663535.848									
1000	18862	2663535.848									
1000	18863	2663535.848									
1000	18864	2663535.848									
1000	18865	2663682.538	2580-10-24 00:54:23	0.741129021	1.300570979	0.729589175º	1.264159783º	227.0061157	58.77160088	0.997300954	Grazing
1000	18866	2663682.538									
1000	18867	2663682.538									
1000	18868	2663682.538									
1000	18869	2663682.538									

1000	18870	2663712.078	2580-11-22 13:52:45	0.730728204	1.310971796	0.69879203º	1.237471149º	224.73892	60.52188985	0.989694531	Umbral
1000	18871	2663860.793	2581-04-20 07:01:25	0.727261182	1.314438818	0.679149416º	1.21124939º	227.2727929	61.99197906	1.001931598	Penumbral
1000	18872	2663860.793									
1000	18873	2663860.793									
1000	18874	2663860.793									
1000	18875	2663860.793									
1000	18876	2663890.342	2581-05-19 20:12:03	0.73710651	1.30459349	0.7064509º	1.234509912º	229.6212233	60.37202976	1.009598861	Grazing
1000	18877	2664037.121	2581-10-13 14:54:28	0.753410389	1.288289611	0.773718175º	1.306686739º	228.3590282	56.31765327	1.00029873	Penumbral
1000	18878	2664037.121									
1000	18879	2664037.121									
1000	18880	2664037.121									
1000	18881	2664037.121									
1000	18882	2664066.526	2581-11-12 00:37:12	0.746522989	1.295177011	0.752933388º	1.290228817º	226.2183649	57.3476641	0.992243279	Grazing
1000	18883	2664214.843	2582-04-09 08:14:06	0.718284995	1.323415005	0.653148285º	1.186910941º	226.0694654	63.69279962	0.99881056	Total
1000	18884	2664214.843									
1000	18885	2664214.843									
1000	18886	2664214.843									
1000	18887	2664214.843									
1000	18888	2664391.812	2582-10-03 07:29:23	0.754390615	1.287309385	0.775448863º	1.306845321º	229.0602578	56.26605326	1.003258057	Total
1000	18889	2664391.812									
1000	18890	2664391.812									
1000	18891	2664391.812									
1000	18892	2664391.812									
1000	18893	2664568.86	2583-03-29 08:37:53	0.723371753	1.318328247	0.670844426º	1.206288438º	225.6689538	62.43220075	0.995674181	Total
1000	18894	2664568.86									
1000	18895	2664568.86									
1000	18896	2664568.86									
1000	18897	2664568.86									
1000	18898	2664568.86									
1000	18899	2664746.415	2583-09-22 21:57:55	0.74418973	1.29751027	0.734235538º	1.264119052º	229.1863665	58.63457255	1.006122598	Total
1000	18900	2664746.415									
1000	18901	2664746.415									
1000	18902	2664746.415									
1000	18903	2664746.415									
1000	18904	2664746.415									
1000	18905	2664893.618	2584-02-17 02:50:01	0.74377841	1.29792159	0.746956684º	1.287424259º	224.7669249	57.59659603	0.986419542	Grazing
1000	18906	2664893.618									
1000	18907	2664893.618									
1000	18908	2664893.618									
1000	18909	2664893.618									
1000	18910	2664923.123	2584-03-17 14:56:27	0.737707886	1.303992114	0.720516865º	1.257545974º	225.8291932	59.23944338	0.992735344	Penumbral
1000	18911	2665071.174	2584-08-12 16:10:53	0.725780555	1.315919445	0.665544867º	1.191101191º	230.158845	63.11978025	1.01440655	Grazing
1000	18912	2665071.174									
1000	18913	2665071.174									

1000	18914	2665071.174									
1000	18915	2665071.174									
1000	18916	2665248.236	2585-02-05 17:40:08	0.751281448	1.290418552	0.776754168º	1.318049368º	224.8525929	55.93172786	0.984911335	Umbral
1000	18917	2665248.236									
1000	18918	2665248.236									
1000	18919	2665248.236									
1000	18920	2665248.236									
1000	18921	2665277.664	2585-03-07 03:55:54	0.749851917	1.291848083	0.767367099º	1.305817976º	225.9019995	56.51558667	0.990114048	Grazing
1000	18922	2665425.199	2585-08-01 16:45:52	0.724573185	1.317126815	0.660944225º	1.185850023º	230.3749202	63.45713985	1.015663725	Umbral
1000	18923	2665425.199									
1000	18924	2665425.199									
1000	18925	2665425.199									
1000	18926	2665425.199									
1000	18927	2665602.879	2586-01-26 09:06:13	0.746384014	1.295315986	0.758340789º	1.300165985º	224.4093308	56.92035044	0.983947926	Total
1000	18928	2665602.879									
1000	18929	2665602.879									
1000	18930	2665602.879									
1000	18931	2665602.879									
1000	18932	2665602.879									
1000	18933	2665779.345	2586-07-21 20:17:04	0.735837746	1.305862254	0.697103155º	1.221673667º	231.1635184	61.07070084	1.016312899	Total
1000	18934	2665779.345									
1000	18935	2665779.345									
1000	18936	2665779.345									
1000	18937	2665779.345									
1000	18938	2665779.345									
1000	18939	2665957.355	2587-01-15 20:30:30	0.731814108	1.309885892	0.706427098º	1.248477132º	223.495054	59.94432493	0.983539793	Total
1000	18940	2665957.355									
1000	18941	2665957.355									
1000	18942	2665957.355									
1000	18943	2665957.355									
1000	18944	2666133.79	2587-07-11 06:58:08	0.750668677	1.291031323	0.75035812º	1.27488638º	232.0060869	57.85287282	1.016394765	Umbral
1000	18945	2666133.79									
1000	18946	2666133.79									
1000	18947	2666133.79									
1000	18948	2666133.79									
1000	18949	2666133.79									
1000	18950	2666281.749	2587-12-06 05:58:19	0.714968746	1.326731254	0.650432783º	1.190546153º	223.3344301	63.66290816	0.987066433	Grazing
1000	18951	2666281.749									
1000	18952	2666281.749									
1000	18953	2666281.749									
1000	18954	2666281.749									
1000	18955	2666311.53	2588-01-05 00:42:31	0.717448546	1.324251454	0.660073246º	1.202040258º	222.7324015	62.93906369	0.983690458	Penumbral
1000	18956	2666459.174	2588-05-31 16:09:55	0.757550543	1.284149457	0.781052754º	1.30779358º	231.3111897	56.08802599	1.012125415	Penumbral
1000	18957	2666459.174									

1000	18958	2666459.174									
1000	18959	2666459.174									
1000	18960	2666459.174									
1000	18961	2666488.459	2588-06-29 23:01:29	0.758716711	1.282983289	0.782764714º	1.307520472º	232.2667159	56.04884584	1.015954127	Penumbral
1000	18962	2666635.736	2588-11-24 05:39:25	0.720372614	1.321327386	0.665718914º	1.204602533º	224.0676505	62.66119983	0.989318953	Penumbral
1000	18963	2666635.736									
1000	18964	2666635.736									
1000	18965	2666635.736									
1000	18966	2666635.736									
1000	18967	2666665.497	2588-12-23 23:55:28	0.714652496	1.327047504	0.651088083º	1.192621276º	222.7571927	63.56883023	0.984478486	Grazing
1000	18968	2666813.823	2589-05-21 07:45:33	0.748019287	1.293680713	0.745313317º	1.273190879º	230.3388041	58.04737967	1.009945898	Total
1000	18969	2666813.823									
1000	18970	2666813.823									
1000	18971	2666813.823									
1000	18972	2666989.963	2589-11-13 11:06:06	0.7360137	1.3056863	0.715269661º	1.252748812º	225.5285948	59.5426403	0.991904108	Total
1000	18973	2666989.963									
1000	18974	2666989.963									
1000	18975	2666989.963									
1000	18976	2666989.963									
1000	18977	2666989.963									
1000	18978	2667168.234	2590-05-10 17:36:35	0.732092584	1.309607416	0.691178672º	1.220400132º	228.7977416	61.30258321	1.007381255	Total
1000	18979	2667168.234									
1000	18980	2667168.234									
1000	18981	2667168.234									
1000	18982	2667168.234									
1000	18983	2667168.234									
1000	18984	2667344.486	2590-11-02 23:40:19	0.750207783	1.291492217	0.76527507º	1.301235501º	226.9538203	56.69791409	0.994714809	Total
1000	18985	2667344.486									
1000	18986	2667344.486									
1000	18987	2667344.486									
1000	18988	2667344.486									
1000	18989	2667344.486									
1000	18990	2667522.343	2591-04-29 20:13:56	0.720676085	1.321023915	0.65671761º	1.187500948º	227.4856139	63.54784282	1.004416944	Penumbral
1000	18991	2667522.343									
1000	18992	2667522.343									
1000	18993	2667522.343									
1000	18994	2667522.343									
1000	18995	2667522.343									
1000	18996	2667669.802	2591-09-24 07:14:47	0.752881208	1.288818792	0.767496142º	1.297553012º	229.5657489	56.73664591	1.005793543	Grazing
1000	18997	2667669.802									
1000	18998	2667669.802									
1000	18999	2667669.802									
1000	19000	2667699.16	2591-10-23 15:50:42	0.754053999	1.287646001	0.778460741º	1.312842728º	227.7618815	56.02385423	0.997652971	Umbral
1000	19001	2667846.694	2592-03-19 04:39:18	0.726521344	1.315178656	0.682581531º	1.219419924º	225.2767653	61.61428307	0.993088022	Penumbral

1000	19002	2667846.694									
1000	19003	2667846.694									
1000	19004	2667846.694									
1000	19005	2667846.694									
1000	19006	2667876.348	2592-04-17 20:20:58	0.722508459	1.319191541	0.664327914º	1.196778147º	226.9061508	62.97027462	1.001272502	Grazing
1000	19007	2668024.351	2592-09-12 20:25:19	0.740511905	1.301188095	0.719172988º	1.247804626º	229.5502479	59.5717723	1.008505241	Umbral
1000	19008	2668024.351									
1000	19009	2668024.351									
1000	19010	2668024.351									
1000	19011	2668024.351									
1000	19012	2668201.04	2593-03-08 12:57:34	0.741509851	1.300190149	0.735755784º	1.274041235º	225.5244335	58.30220398	0.990418332	Total
1000	19013	2668201.04									
1000	19014	2668201.04									
1000	19015	2668201.04									
1000	19016	2668201.04									
1000	19017	2668201.04									
1000	19018	2668378.614	2593-09-02 02:44:41	0.72689515	1.31480485	0.671606839º	1.198945302º	229.3775159	62.64991351	1.010978366	Total
1000	19019	2668378.614									
1000	19020	2668378.614									
1000	19021	2668378.614									
1000	19022	2668378.614									
1000	19023	2668378.614									
1000	19024	2668555.631	2594-02-26 03:09:00	0.751256855	1.290443145	0.774332799º	1.313862773º	225.5418621	56.1086873	0.988133753	Total
1000	19025	2668555.631									
1000	19026	2668555.631									
1000	19027	2668555.631									
1000	19028	2668555.631									
1000	19029	2668732.649	2594-08-22 03:34:12	0.722870359	1.318829641	0.657476256º	1.183733803º	229.6572581	63.65051228	1.013054883	Umbral
1000	19030	2668732.649									
1000	19031	2668732.649									
1000	19032	2668732.649									
1000	19033	2668732.649									
1000	19034	2668732.649									
1000	19035	2668880.817	2595-01-17 07:36:11	0.742804017	1.298895983	0.745180819º	1.28721223º	224.1365736	57.65346882	0.983573584	Grazing
1000	19036	2668880.817									
1000	19037	2668880.817									
1000	19038	2668880.817									
1000	19039	2668880.817									
1000	19040	2668910.291	2595-02-15 18:59:02	0.749161506	1.292538494	0.767479758º	1.308037371º	225.0285797	56.45246581	0.98625524	Penumbral
1000	19041	2669057.256	2595-07-12 18:08:31	0.740170051	1.301529949	0.711987119º	1.236526848º	231.4217389	60.13645299	1.016372543	Penumbral
1000	19042	2669057.256									
1000	19043	2669057.256									
1000	19044	2669057.256									
1000	19045	2669057.256									

1000	19046	2669086.742	2595-08-11 05:47:49	0.732179004	1.309520996	0.686015015º	1.211431711º	230.5764903	61.75915319	1.014676125	Penumbral
1000	19047	2669235.215	2596-01-06 17:09:03	0.727129818	1.314570182	0.690705852º	1.23269076º	223.2663992	60.92871032	0.983657976	Penumbral
1000	19048	2669235.215									
1000	19049	2669235.215									
1000	19050	2669235.215									
1000	19051	2669235.215									
1000	19052	2669264.825	2596-02-05 07:47:31	0.736038223	1.305661777	0.720193647º	1.261557855º	223.9865072	59.13010074	0.984785788	Grazing
1000	19053	2669411.777	2596-07-01 06:39:33	0.753876257	1.287823743	0.763196807º	1.287923269º	232.0574818	57.12145539	1.01601085	Umbral
1000	19054	2669411.777									
1000	19055	2669411.777									
1000	19056	2669411.777									
1000	19057	2669589.309	2596-12-25 19:24:44	0.715241684	1.326458316	0.652969749º	1.194571031º	222.7539598	63.43668017	0.984354719	Total
1000	19058	2669589.309									
1000	19059	2669589.309									
1000	19060	2669589.309									
1000	19061	2669589.309									
1000	19062	2669589.309									
1000	19063	2669766.476	2597-06-20 23:25:17	0.758775434	1.282924566	0.783651164º	1.308828903º	232.0793994	55.99002876	1.015137808	Total
1000	19064	2669766.476									
1000	19065	2669766.476									
1000	19066	2669766.476									
1000	19067	2669766.476									
1000	19068	2669766.476									
1000	19069	2669943.272	2597-12-14 18:31:37	0.71691669	1.32478331	0.657320362º	1.198214553º	223.1031395	63.16245056	0.98564153	Total
1000	19070	2669943.272									
1000	19071	2669943.272									
1000	19072	2669943.272									
1000	19073	2669943.272									
1000	19074	2669943.272									
1000	19075	2670121.16	2598-06-10 15:50:09	0.751853363	1.289846637	0.757032937º	1.282923832º	231.4296956	57.43504622	1.013761187	Umbral
1000	19076	2670121.16									
1000	19077	2670121.16									
1000	19078	2670121.16									
1000	19079	2670121.16									
1000	19080	2670121.16									
1000	19081	2670267.874	2598-11-04 08:59:07	0.741177544	1.300522456	0.731835804º	1.268012809º	226.3560487	58.59235362	0.994313023	Grazing
1000	19082	2670267.874									
1000	19083	2670267.874									
1000	19084	2670267.874									
1000	19085	2670297.421	2598-12-03 22:05:36	0.730974862	1.310725138	0.701028534º	1.240927623º	224.2850682	60.34437849	0.98745819	Umbral
1000	19086	2670446.097	2599-05-01 14:18:59	0.727373123	1.314326877	0.677485327º	1.208016854º	227.9564254	62.15290009	1.004893679	Penumbral
1000	19087	2670446.097									
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1000	19089	2670446.097									

1000	19090	2670446.097									
1000	19091	2670475.641	2599-05-31 03:22:58	0.736826396	1.304873604	0.703833826º	1.230715865º	230.1376896	60.57224765	1.01185415	Grazing
1000	19092	2670622.462	2599-10-24 23:05:50	0.75300558	1.28869442	0.774416122º	1.309003529º	227.6556813	56.23637846	0.997269614	Penumbral
1000	19093	2670622.462									
1000	19094	2670622.462									
1000	19095	2670622.462									
1000	19096	2670622.462									
1000	19097	2670651.878	2599-11-23 09:03:36	0.746509259	1.295190741	0.754713402º	1.293391144º	225.6602625	57.20931193	0.98969706	Grazing
1000	19098	2670800.143	2600-04-20 15:25:29	0.719160611	1.322539389	0.653824826º	1.185994422º	226.8021563	63.70062404	1.001800521	Total
1000	19099	2670800.143									
1000	19100	2670800.143									
1000	19101	2670800.143									
1000	19102	2670800.143									
1000	19103	2670977.147	2600-10-14 15:32:08	0.753292442	1.288407558	0.773377844º	1.306358681º	228.3234065	56.3357963	1.000275697	Total
1000	19104	2670977.147									
1000	19105	2670977.147									
1000	19106	2670977.147									
1000	19107	2670977.147									
1000	19108	2671154.173	2601-04-09 16:09:33	0.724930175	1.316769825	0.673813677º	1.207668362º	226.4196732	62.28703946	0.998638379	Total
1000	19109	2671154.173									
1000	19110	2671154.173									
1000	19111	2671154.173									
1000	19112	2671154.173									
1000	19113	2671154.173									
1000	19114	2671331.734	2601-10-04 05:36:52	0.742557927	1.299142073	0.730425986º	1.261810833º	228.4364036	58.81545417	1.003279978	Total
1000	19115	2671331.734									
1000	19116	2671331.734									
1000	19117	2671331.734									
1000	19118	2671331.734									
1000	19119	2671331.734									
1000	19120	2671478.974	2602-02-28 11:22:50	0.744931335	1.296768665	0.749885498º	1.28930138º	225.2483025	57.46026631	0.988342752	Grazing
1000	19121	2671478.974									
1000	19122	2671478.974									
1000	19123	2671478.974									
1000	19124	2671478.974									
1000	19125	2671508.459	2602-03-29 23:00:35	0.739311325	1.302388675	0.724218679º	1.259723268º	226.5415023	59.063063	0.995561548	Penumbral
1000	19126	2671656.451	2602-08-24 22:49:05	0.724777245	1.316922755	0.663561855º	1.189963016º	229.7079967	63.22659948	1.0127785	Grazing
1000	19127	2671656.451									
1000	19128	2671656.451									
1000	19129	2671656.451									
1000	19130	2671656.451									
1000	19131	2671686.057	2602-09-23 13:21:43	0.728201902	1.313498098	0.679166111º	1.209010062º	228.3260583	62.06445507	1.006197724	Penumbral
1000	19132	2671833.602	2603-02-18 02:26:50	0.751712108	1.289987892	0.777378853º	1.317850556º	225.1958816	55.92013253	0.986412008	Umbral
1000	19133	2671833.602									

1000	19134	2671833.602									
1000	19135	2671833.602									
1000	19136	2671863.017	2603-03-19 12:24:06	0.750905818	1.290794182	0.769599929º	1.306641552º	226.5215418	56.43185174	0.992712214	Grazing
1000	19137	2672010.471	2603-08-13 23:17:47	0.724573459	1.317126541	0.661775629º	1.187282291º	230.0930409	63.37944687	1.014502415	Umbral
1000	19138	2672010.471									
1000	19139	2672010.471									
1000	19140	2672010.471									
1000	19141	2672010.471									
1000	19142	2672188.244	2604-02-07 17:51:14	0.746078445	1.295621555	0.756484448º	1.297769751º	224.6039237	57.03831808	0.984929343	Total
1000	19143	2672188.244									
1000	19144	2672188.244									
1000	19145	2672188.244									
1000	19146	2672188.244									
1000	19147	2672188.244									
1000	19148	2672364.632	2604-08-02 03:09:39	0.736574559	1.305125441	0.700076003º	1.224956892º	231.0551029	60.87184281	1.015711925	Total
1000	19149	2672364.632									
1000	19150	2672364.632									
1000	19151	2672364.632									
1000	19152	2672364.632									
1000	19153	2672364.632									
1000	19154	2672542.708	2605-01-27 04:59:11	0.731095067	1.310604933	0.703744779º	1.245566831º	223.5384165	60.11666393	0.983953635	Total
1000	19155	2672542.708									
1000	19156	2672542.708									
1000	19157	2672542.708									
1000	19158	2672542.708									
1000	19159	2672542.708									
1000	19160	2672719.094	2605-07-22 14:15:36	0.751428583	1.290271417	0.753317985º	1.277884453º	232.0310641	57.68280429	1.016320732	Umbral
1000	19161	2672719.094									
1000	19162	2672719.094									
1000	19163	2672719.094									
1000	19164	2672719.094									
1000	19165	2672867.078	2605-12-17 13:52:18	0.71435574	1.32734426	0.64961559º	1.190635904º	222.9445049	63.68842658	0.985411756	Grazing
1000	19166	2672867.078									
1000	19167	2672867.078									
1000	19168	2672867.078									
1000	19169	2672867.078									
1000	19170	2672896.868	2606-01-16 08:50:00	0.716898252	1.324801748	0.658518547º	1.200573495º	222.6618533	63.04164607	0.983530875	Penumbral
1000	19171	2673044.491	2606-06-12 23:46:42	0.75776955	1.28393045	0.78047638º	1.306290349º	231.7506638	56.14381654	1.013909499	Penumbral
1000	19172	2673044.491									
1000	19173	2673044.491									
1000	19174	2673044.491									
1000	19175	2673044.491									
1000	19176	2673073.772	2606-07-12 06:31:10	0.758970975	1.282729025	0.783430097º	1.30796892º	232.3873744	56.01887703	1.016374297	Penumbral
1000	19177	2673221.067	2606-12-06 13:36:34	0.720370514	1.321329486	0.667039035º	1.207078364º	223.6121537	62.53431173	0.987201763	Penumbral

1000	19178	2673221.067									
1000	19179	2673221.067									
1000	19180	2673221.067									
1000	19181	2673221.067									
1000	19182	2673250.831	2607-01-05 07:57:13	0.714682933	1.327017067	0.651637964º	1.193577116º	222.599105	63.51695003	0.983741025	Grazing
1000	19183	2673399.135	2607-06-02 15:14:07	0.747789907	1.293910093	0.742748941º	1.269503721º	230.8448995	58.22783519	1.012098605	Umbral
1000	19184	2673399.135									
1000	19185	2673399.135									
1000	19186	2673399.135									
1000	19187	2673399.135									
1000	19188	2673575.305	2607-11-25 19:19:54	0.736192712	1.305507288	0.71759702º	1.25641134º	224.996432	59.36189968	0.989446193	Umbral
1000	19189	2673575.305									
1000	19190	2673575.305									
1000	19191	2673575.305									
1000	19192	2673575.305									
1000	19193	2673753.532	2608-05-22 00:45:36	0.731977474	1.309722526	0.688960311º	1.216879549º	229.3885391	61.48724837	1.009866168	Total
1000	19194	2673753.532									
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1000	19196	2673753.532									
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1000	19198	2673753.532									
1000	19199	2673929.836	2608-11-14 08:04:03	0.749996703	1.291703297	0.766509726º	1.303968428º	226.3280852	56.58939454	0.991941848	Total
1000	19200	2673929.836									
1000	19201	2673929.836									
1000	19202	2673929.836									
1000	19203	2673929.836									
1000	19204	2673929.836									
1000	19205	2674107.632	2609-05-11 03:10:35	0.721299008	1.320400992	0.656735643º	1.186034619º	228.1720435	63.59744597	1.007233724	Penumbral
1000	19206	2674107.632									
1000	19207	2674107.632									
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1000	19209	2674107.632									
1000	19210	2674107.632									
1000	19211	2674255.131	2609-10-05 15:08:01	0.751607504	1.290092496	0.764722551º	1.296322094º	228.835047	56.84751967	1.002874787	Grazing
1000	19212	2674255.131									
1000	19213	2674255.131									
1000	19214	2674255.131									
1000	19215	2674255.131									
1000	19216	2674284.507	2609-11-04 00:09:27	0.753144842	1.288555158	0.77703452º	1.313022051º	227.0603873	56.05774585	0.994664515	Umbral
1000	19217	2674432.017	2610-03-31 12:25:01	0.728134195	1.313565805	0.685939774º	1.22121238º	225.9978184	61.44700399	0.995993017	Penumbral
1000	19218	2674432.017									
1000	19219	2674432.017									
1000	19220	2674432.017									
1000	19221	2674461.647	2610-04-30 03:31:53	0.723964224	1.317735776	0.666915885º	1.19776732º	227.6622145	62.84867602	1.004288099	Grazing

1000	19222	2674609.661	2610-09-25 03:51:07	0.738848686	1.302851314	0.715270916º	1.245344833º	228.8319029	59.76593359	1.005761197	Total Penumbral
1000	19223	2674609.661									
1000	19224	2674609.661									
1000	19225	2674609.661									
1000	19226	2674609.661									
1000	19227	2674639.122	2610-10-24 14:55:52	0.744410521	1.297289479	0.741375794º	1.275797299º	227.2436583	58.08749626	0.997579201	Grazing
1000	19228	2674786.385	2611-03-20 21:14:23	0.742955307	1.298744693	0.739207151º	1.276041821º	226.1759739	58.1437232	0.99309491	Total
1000	19229	2674786.385									
1000	19230	2674786.385									
1000	19231	2674786.385									
1000	19232	2674786.385									
1000	19233	2674963.901	2611-09-14 09:37:48	0.725531108	1.316168892	0.668936185º	1.197542781º	228.7384437	62.78736524	1.008553018	Total
1000	19234	2674963.901									
1000	19235	2674963.901									
1000	19236	2674963.901									
1000	19237	2674963.901									
1000	19238	2674963.901									
1000	19239	2675140.99	2612-03-09 11:45:15	0.752046595	1.289653405	0.775771378º	1.314047713º	226.0827384	56.06469208	0.990435104	Total
1000	19240	2675140.99									
1000	19241	2675140.99									
1000	19242	2675140.99									
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1000	19244	2675140.99									
1000	19245	2675317.925	2612-09-02 10:12:32	0.722412334	1.319287666	0.657490183º	1.184759817º	229.1497075	63.6148107	1.011110338	Total
1000	19246	2675317.925									
1000	19247	2675317.925									
1000	19248	2675317.925									
1000	19249	2675317.925									
1000	19250	2675466.18	2613-01-28 16:18:58	0.742249358	1.299450642	0.742782838º	1.284570463º	224.211427	57.79706081	0.984016159	Grazing
1000	19251	2675466.18									
1000	19252	2675466.18									
1000	19253	2675466.18									
1000	19254	2675466.18									
1000	19255	2675495.652	2613-02-27 03:39:18	0.749206335	1.292493665	0.766253517º	1.305792832º	225.4457385	56.54698804	0.988116644	Penumbral
1000	19256	2675642.547	2613-07-24 01:08:04	0.741079152	1.300620848	0.715307793º	1.239892889º	231.4380344	59.9303154	1.016284644	Penumbral
1000	19257	2675642.547									
1000	19258	2675642.547									
1000	19259	2675642.547									
1000	19260	2675642.547									
1000	19261	2675672.028	2613-08-22 12:39:59	0.732559955	1.309140045	0.688439956º	1.214626041º	230.2221737	61.57657715	1.013192468	Penumbral
1000	19262	2675820.564	2614-01-18 01:31:30	0.726303275	1.315396725	0.688074894º	1.230135495º	223.1956949	61.0938751	0.98352062	Penumbral
1000	19263	2675820.564									
1000	19264	2675820.564									
1000	19265	2675820.564									

1000	19266	2675820.564									
1000	19267	2675850.178	2614-02-16 16:16:40	0.73559653	1.30610347	0.717697261°	1.258287863°	224.2658056	59.30285964	0.986195053	Grazing
1000	19268	2675997.085	2614-07-13 14:02:14	0.754611745	1.287088255	0.765773341°	1.290285217°	232.1923354	56.98389369	1.016426513	Umbral
1000	19269	2675997.085									
1000	19270	2675997.085									
1000	19271	2675997.085									
1000	19272	2675997.085									
1000	19273	2676174.644	2615-01-07 03:27:18	0.714741016	1.326958984	0.651879079°	1.193862978°	222.5807339	63.49878218	0.983659807	Total
1000	19274	2676174.644									
1000	19275	2676174.644									
1000	19276	2676174.644									
1000	19277	2676174.644									
1000	19278	2676351.789	2615-07-03 06:56:41	0.758931396	1.282768604	0.783540533°	1.308265634°	232.3040772	56.00799525	1.016013483	Total
1000	19279	2676351.789									
1000	19280	2676351.789									
1000	19281	2676351.789									
1000	19282	2676351.789									
1000	19283	2676351.789									
1000	19284	2676528.607	2615-12-27 02:34:08	0.717016484	1.324683516	0.658382002°	1.199935343°	222.8474481	63.06783911	0.984441859	Total
1000	19285	2676528.607									
1000	19286	2676528.607									
1000	19287	2676528.607									
1000	19288	2676528.607									
1000	19289	2676528.607									
1000	19290	2676706.468	2616-06-21 23:14:19	0.751489603	1.290210397	0.754520369°	1.279718644°	231.7413882	57.59666842	1.015098112	Umbral
1000	19291	2676706.468									
1000	19292	2676706.468									
1000	19293	2676706.468									
1000	19294	2676706.468									
1000	19295	2676706.468									
1000	19296	2676853.217	2616-11-15 17:12:37	0.741258379	1.300441621	0.734075295°	1.271709459°	225.7564324	58.41893	0.991618118	Grazing
1000	19297	2676853.217									
1000	19298	2676853.217									
1000	19299	2676853.217									
1000	19300	2676853.217									
1000	19301	2677031.394	2617-05-12 21:27:08	0.727461754	1.314238246	0.675825613°	1.20491922°	228.6073074	62.31007236	1.007624682	Penumbral
1000	19302	2677031.394									
1000	19303	2677031.394									
1000	19304	2677031.394									
1000	19305	2677031.394									
1000	19306	2677060.935	2617-06-11 10:26:42	0.736438155	1.305261845	0.701129891°	1.227056485°	230.5580018	60.77235161	1.013692375	Grazing
1000	19307	2677207.809	2617-11-05 07:25:11	0.752587259	1.289112741	0.774977342°	1.311130334°	226.9787673	56.16413924	0.994357554	Penumbral
1000	19308	2677207.809									
1000	19309	2677207.809									

1000	19310	2677207.809									
1000	19311	2677207.809									
1000	19312	2677237.234	2617-12-04 17:36:59	0.74655558	1.29514442	0.756457662º	1.296331335º	225.1863535	57.07876478	0.987504678	Penumbral
1000	19313	2677385.436	2618-05-01 22:28:07	0.720067997	1.321632003	0.654629468º	1.185243998º	227.5288151	63.69824935	1.004736485	Total
1000	19314	2677385.436									
1000	19315	2677385.436									
1000	19316	2677385.436									
1000	19317	2677385.436									
1000	19318	2677562.488	2618-10-25 23:42:02	0.752161904	1.289538096	0.771175749º	1.305767276º	227.5899962	56.41213844	0.997261929	Total
1000	19319	2677562.488									
1000	19320	2677562.488									
1000	19321	2677562.488									
1000	19322	2677562.488									
1000	19323	2677562.488									
1000	19324	2677739.482	2619-04-20 23:33:50	0.726536487	1.315163513	0.67692477º	1.209177695º	227.1884141	62.13358862	1.001643679	Total
1000	19325	2677739.482									
1000	19326	2677739.482									
1000	19327	2677739.482									
1000	19328	2677739.482									
1000	19329	2677917.057	2619-10-15 13:22:11	0.740893412	1.300806588	0.726589143º	1.259571565º	227.6667758	58.99624111	1.000272721	Total
1000	19330	2677917.057									
1000	19331	2677917.057									
1000	19332	2677917.057									
1000	19333	2677917.057									
1000	19334	2677917.057									
1000	19335	2678093.79	2620-04-09 06:57:57	0.740952539	1.300747461	0.727981504º	1.261896685º	227.2931983	58.88601762	0.998525228	Umbral
1000	19336	2678093.79									
1000	19337	2678093.79									
1000	19338	2678093.79									
1000	19339	2678093.79									
1000	19340	2678093.79									
1000	19341	2678241.73	2620-09-04 05:31:27	0.723694212	1.318005788	0.661625411º	1.189098534º	229.1560761	63.32286476	1.010720271	Grazing
1000	19342	2678241.73									
1000	19343	2678241.73									
1000	19344	2678241.73									
1000	19345	2678241.73									
1000	19346	2678271.357	2620-10-03 20:33:33	0.726605788	1.315094212	0.67600228º	1.207349724º	227.5777625	62.22428203	1.003350603	Penumbral
1000	19347	2678418.965	2621-02-28 11:08:58	0.752221243	1.289478757	0.777972289º	1.317366901º	225.6456815	55.91693317	0.988381725	Umbral
1000	19348	2678418.965									
1000	19349	2678418.965									
1000	19350	2678418.965									
1000	19351	2678418.965									
1000	19352	2678448.365	2621-03-29 20:45:36	0.75199197	1.28970803	0.771781786º	1.307292329º	227.2012746	56.35441286	0.995550478	Grazing
1000	19353	2678595.746	2621-08-24 05:54:27	0.72447518	1.31722482	0.662633723º	1.188981048º	229.6934516	63.29197058	1.012882089	Total Penumbral

1000	19354	2678595.746									
1000	19355	2678595.746									
1000	19356	2678595.746									
1000	19357	2678773.606	2622-02-18 02:32:20	0.745873729	1.295826271	0.754654848º	1.295101225º	224.9158961	57.16356245	0.986458233	Total
1000	19358	2678773.606									
1000	19359	2678773.606									
1000	19360	2678773.606									
1000	19361	2678773.606									
1000	19362	2678773.606									
1000	19363	2678949.921	2622-08-13 10:06:25	0.73717231	1.30452769	0.702958037º	1.228435754º	230.8165537	60.67105719	1.014558298	Total
1000	19364	2678949.921									
1000	19365	2678949.921									
1000	19366	2678949.921									
1000	19367	2678949.921									
1000	19368	2678949.921									
1000	19369	2679128.059	2623-02-07 13:24:51	0.730524749	1.311175251	0.701223929º	1.242497025º	223.7080612	60.2898447	0.984951555	Total
1000	19370	2679128.059									
1000	19371	2679128.059									
1000	19372	2679128.059									
1000	19373	2679128.059									
1000	19374	2679128.059									
1000	19375	2679304.399	2623-08-02 21:35:16	0.75201712	1.28968288	0.756053769º	1.280947242º	231.9183469	57.51831721	1.015687575	Umbral
1000	19376	2679304.399									
1000	19377	2679304.399									
1000	19378	2679304.399									
1000	19379	2679304.399									
1000	19380	2679304.399									
1000	19381	2679452.41	2623-12-28 21:50:26	0.713932966	1.327767034	0.649059615º	1.190714037º	222.6737134	63.7052124	0.984258146	Grazing
1000	19382	2679452.41									
1000	19383	2679452.41									
1000	19384	2679452.41									
1000	19385	2679482.206	2624-01-27 16:56:25	0.71654502	1.32515498	0.657219892º	1.199052442º	222.722886	63.13758601	0.98393457	Penumbral
1000	19386	2679629.805	2624-06-23 07:19:20	0.757828196	1.283871804	0.779619898º	1.304746159º	232.0737194	56.20845301	1.015237319	Penumbral
1000	19387	2679629.805									
1000	19388	2679629.805									
1000	19389	2679629.805									
1000	19390	2679629.805									
1000	19391	2679659.084	2624-07-22 14:00:37	0.759043563	1.282656437	0.783804176º	1.308381953º	232.3697515	55.9977653	1.016298823	Penumbral
1000	19392	2679806.403	2624-12-16 21:40:18	0.72052124	1.32117876	0.668536233º	1.20951798º	223.2634974	62.40317887	0.985482007	Penumbral
1000	19393	2679806.403									
1000	19394	2679806.403									
1000	19395	2679806.403									
1000	19396	2679806.403									
1000	19397	2679836.167	2625-01-15 16:00:50	0.714915724	1.326784276	0.652435846º	1.194509386º	222.5717415	63.457337	0.983497142	Grazing

1000	19398	2679984.442	2625-06-12 22:36:14	0.747428034	1.294271966	0.740027529º	1.265826536º	231.2503479	58.41375314	1.01393835	Umbral
1000	19399	2679984.442									
1000	19400	2679984.442									
1000	19401	2679984.442									
1000	19402	2679984.442									
1000	19403	2680160.654	2625-12-06 03:41:13	0.736458347	1.305241653	0.719945741º	1.259955244º	224.5523867	59.18512922	0.987256288	Umbral
1000	19404	2680160.654									
1000	19405	2680160.654									
1000	19406	2680160.654									
1000	19407	2680160.654									
1000	19408	2680160.654									
1000	19409	2680338.824	2626-06-02 07:46:30	0.731783012	1.309916988	0.686726105º	1.213482613º	229.9020308	61.6695636	1.012095283	Total
1000	19410	2680338.824									
1000	19411	2680338.824									
1000	19412	2680338.824									
1000	19413	2680338.824									
1000	19414	2680515.191	2626-11-25 16:35:10	0.749820819	1.291879181	0.767663175º	1.306478338º	225.7698666	56.48955751	0.989444645	Total
1000	19415	2680515.191									
1000	19416	2680515.191									
1000	19417	2680515.191									
1000	19418	2680515.191									
1000	19419	2680515.191									
1000	19420	2680692.916	2627-05-22 09:59:05	0.721897852	1.319802148	0.656814325º	1.184795968º	228.8062773	63.63718936	1.009746806	Umbral
1000	19421	2680692.916									
1000	19422	2680692.916									
1000	19423	2680692.916									
1000	19424	2680692.916									
1000	19425	2680692.916									
1000	19426	2680840.464	2627-10-16 23:07:56	0.750284021	1.291415979	0.761844639º	1.295027337º	228.0868018	56.96350518	0.999896996	Grazing
1000	19427	2680840.464									
1000	19428	2680840.464									
1000	19429	2680840.464									
1000	19430	2680840.464									
1000	19431	2680869.858	2627-11-15 08:35:17	0.752247832	1.289452168	0.775532128º	1.312995852º	226.4057856	56.09922918	0.99193258	Umbral
1000	19432	2681017.336	2628-04-10 20:03:40	0.729809673	1.311890327	0.689410485º	1.223115867º	226.7568076	61.27345157	0.998917748	Penumbral
1000	19433	2681017.336									
1000	19434	2681017.336									
1000	19435	2681017.336									
1000	19436	2681017.336									
1000	19437	2681046.941	2628-05-10 10:35:43	0.725419922	1.316280078	0.669577658º	1.198986519º	228.3908797	62.71736908	1.007024659	Grazing
1000	19438	2681194.974	2628-10-05 11:22:47	0.737138789	1.304561211	0.711402503º	1.242968057º	228.0733728	59.95779042	1.00293891	Penumbral
1000	19439	2681194.974									
1000	19440	2681194.974									
1000	19441	2681194.974									

1000	19442	2681224.459	2628-11-03 23:01:04	0.742871721	1.298828279	0.7378273º	1.273798212º	226.5098763	58.24847169	0.994695358	Grazing
1000	19443	2681371.725	2629-03-31 05:24:40	0.744450053	1.297249947	0.742675002º	1.277996391º	226.8852564	57.9869348	0.995902254	Total
1000	19444	2681371.725									
1000	19445	2681371.725									
1000	19446	2681371.725									
1000	19447	2681371.725									
1000	19448	2681549.192	2629-09-24 16:36:46	0.724125534	1.317574466	0.666356396º	1.196353164º	228.036387	62.9151716	1.005907602	Total
1000	19449	2681549.192									
1000	19450	2681549.192									
1000	19451	2681549.192									
1000	19452	2681549.192									
1000	19453	2681549.192									
1000	19454	2681726.344	2630-03-20 20:15:12	0.752883247	1.288816753	0.777163003º	1.313996851º	226.7009073	56.02831136	0.993096429	Total
1000	19455	2681726.344									
1000	19456	2681726.344									
1000	19457	2681726.344									
1000	19458	2681726.344									
1000	19459	2681726.344									
1000	19460	2681903.207	2630-09-13 16:57:31	0.721893517	1.319806483	0.657533022º	1.186060248º	228.5565599	63.56873932	1.008704474	Total
1000	19461	2681903.207									
1000	19462	2681903.207									
1000	19463	2681903.207									
1000	19464	2681903.207									
1000	19465	2681903.207									
1000	19466	2682051.541	2631-02-09 00:58:55	0.7418126	1.2998874	0.740478787º	1.281661738º	224.410035	57.94624483	0.985115619	Grazing
1000	19467	2682051.541									
1000	19468	2682051.541									
1000	19469	2682051.541									
1000	19470	2682081.009	2631-03-10 12:13:29	0.749318379	1.292381621	0.765011594º	1.303264701º	225.9573743	56.64997484	0.990477846	Umbral
1000	19471	2682227.841	2631-08-04 08:10:34	0.741835514	1.299864486	0.71848089º	1.243448288º	231.3183948	59.72440531	1.015544546	Grazing
1000	19472	2682227.841									
1000	19473	2682227.841									
1000	19474	2682227.841									
1000	19475	2682227.841									
1000	19476	2682257.319	2631-09-02 19:38:42	0.732832461	1.308867539	0.690789509º	1.218029897º	229.7616984	61.39083645	1.011166424	Penumbral
1000	19477	2682405.911	2632-01-29 09:52:19	0.725643936	1.316056064	0.685670061º	1.227436407º	223.2546401	61.25718751	0.984054808	Penumbral
1000	19478	2682405.911									
1000	19479	2682405.911									
1000	19480	2682405.911									
1000	19481	2682405.911									
1000	19482	2682435.528	2632-02-28 00:40:06	0.735270122	1.306429878	0.715302369º	1.254831581º	224.6551724	59.47911773	0.988135147	Grazing
1000	19483	2682582.393	2632-07-23 21:25:41	0.755171178	1.286528822	0.768084271º	1.292693045º	232.1887755	56.85314629	1.016238774	Umbral
1000	19484	2682582.393									
1000	19485	2682582.393									

1000	19486	2682582.393									
1000	19487	2682582.393									
1000	19488	2682759.98	2633-01-17 11:30:36	0.714443774	1.327256226	0.651065939º	1.193109965º	222.538473	63.5528676	0.983550694	Total
1000	19489	2682759.98									
1000	19490	2682759.98									
1000	19491	2682759.98									
1000	19492	2682759.98									
1000	19493	2682759.98									
1000	19494	2682937.102	2633-07-13 14:26:24	0.758908622	1.282791378	0.783143566º	1.307659276º	232.3936592	56.03487963	1.016419086	Total
1000	19495	2682937.102									
1000	19496	2682937.102									
1000	19497	2682937.102									
1000	19498	2682937.102									
1000	19499	2683113.945	2634-01-06 10:40:19	0.717304664	1.324395336	0.659660288º	1.201629153º	222.7178784	62.96700166	0.983687093	Total
1000	19500	2683113.945									
1000	19501	2683113.945									
1000	19502	2683113.945									
1000	19503	2683113.945									
1000	19504	2683113.945									
1000	19505	2683291.774	2634-07-03 06:34:24	0.750963144	1.290736856	0.751808795º	1.276529966º	231.9253778	57.76446765	1.016021092	Umbral
1000	19506	2683291.774									
1000	19507	2683291.774									
1000	19508	2683291.774									
1000	19509	2683291.774									
1000	19510	2683291.774									
1000	19511	2683438.565	2634-11-27 01:34:08	0.741394591	1.300305409	0.736278981º	1.275269553º	225.2278562	58.25150606	0.98912264	Grazing
1000	19512	2683438.565									
1000	19513	2683438.565									
1000	19514	2683438.565									
1000	19515	2683438.565									
1000	19516	2683468.118	2634-12-26 14:50:07	0.731835077	1.309864923	0.705866619º	1.24741608º	223.698047	59.99406918	0.984448912	Umbral
1000	19517	2683616.685	2635-05-24 04:26:28	0.727502847	1.314197153	0.674185657º	1.201965406º	229.2016446	62.46261937	1.010133069	Penumbral
1000	19518	2683616.685									
1000	19519	2683616.685									
1000	19520	2683616.685									
1000	19521	2683616.685									
1000	19522	2683793.161	2635-11-16 15:52:08	0.75218054	1.28951946	0.775411868º	1.313055396º	226.3510851	56.10090794	0.991600846	Penumbral
1000	19523	2683793.161									
1000	19524	2683793.161									
1000	19525	2683793.161									
1000	19526	2683793.161									
1000	19527	2683822.595	2635-12-16 02:16:12	0.746680266	1.295019734	0.758185586º	1.299028466º	224.8123188	56.95595201	0.985735039	Penumbral
1000	19528	2683970.724	2636-05-12 05:22:30	0.720978636	1.320721364	0.655533542º	1.18470103º	228.2248144	63.68525975	1.007484001	Umbral
1000	19529	2683970.724									

1000	19530	2683970.724									
1000	19531	2683970.724									
1000	19532	2683970.724									
1000	19533	2684147.833	2636-11-05 07:59:01	0.75102614	1.29067386	0.768883735º	1.305042505º	226.8837587	56.49477243	0.994346837	Total
1000	19534	2684147.833									
1000	19535	2684147.833									
1000	19536	2684147.833									
1000	19537	2684147.833									
1000	19538	2684147.833									
1000	19539	2684324.785	2637-05-01 06:51:00	0.728160187	1.313539813	0.680145472º	1.210847051º	227.951056	61.97204755	1.004571682	Total
1000	19540	2684324.785									
1000	19541	2684324.785									
1000	19542	2684324.785									
1000	19543	2684324.785									
1000	19544	2684324.785									
1000	19545	2684502.385	2637-10-25 21:14:12	0.739225539	1.302474461	0.722779947º	1.257363045º	226.9016229	59.17639463	0.997277653	Total
1000	19546	2684502.385									
1000	19547	2684502.385									
1000	19548	2684502.385									
1000	19549	2684502.385									
1000	19550	2684679.117	2638-04-20 14:48:27	0.742602841	1.299097159	0.731780892º	1.264079756º	228.0613197	58.70866072	1.001557235	Umbral
1000	19551	2684679.117									
1000	19552	2684679.117									
1000	19553	2684679.117									
1000	19554	2684679.117									
1000	19555	2684679.117									
1000	19556	2684827.013	2638-09-15 12:19:14	0.722553441	1.319146559	0.659754595º	1.188492618º	228.5219685	63.40833181	1.008302324	Grazing
1000	19557	2684827.013									
1000	19558	2684827.013									
1000	19559	2684827.013									
1000	19560	2684827.013									
1000	19561	2684856.661	2638-10-15 03:52:17	0.725013563	1.316686437	0.672936833º	1.205868227º	226.8108904	62.37573056	1.000368497	Penumbral
1000	19562	2685004.323	2639-03-11 19:45:22	0.752791947	1.288908053	0.778507538º	1.316623243º	226.1878762	55.9221956	0.990730753	Umbral
1000	19563	2685004.323									
1000	19564	2685004.323									
1000	19565	2685004.323									
1000	19566	2685004.323									
1000	19567	2685033.708	2639-04-10 04:59:57	0.753085093	1.288614907	0.773873989º	1.307800169º	227.9197529	56.28347516	0.998504657	Grazing
1000	19568	2685181.026	2639-09-04 12:37:10	0.724293046	1.317406954	0.66352201º	1.190925802º	229.1912986	63.19536579	1.010853137	Penumbral
1000	19569	2685181.026									
1000	19570	2685181.026									
1000	19571	2685181.026									
1000	19572	2685181.026									
1000	19573	2685210.69	2639-10-04 04:33:59	0.719705002	1.321994998	0.65431435º	1.185572224º	227.2332686	63.69799821	1.003519767	Grazing

1000	19574	2685358.964	2640-02-29 11:08:07	0.745757289	1.295942711	0.752814724º	1.292196472º	225.3347613	57.29622879	0.988405297	Total
1000	19575	2685358.964									
1000	19576	2685358.964									
1000	19577	2685358.964									
1000	19578	2685535.214	2640-08-23 17:08:37	0.737638894	1.304061106	0.705765574º	1.232063282º	230.4580771	60.46933567	1.012977579	Total
1000	19579	2685535.214									
1000	19580	2685535.214									
1000	19581	2685535.214									
1000	19582	2685535.214									
1000	19583	2685535.214									
1000	19584	2685713.407	2641-02-17 21:45:53	0.73009552	1.31160448	0.698833797º	1.239294381º	223.9976879	60.46401732	0.986432302	Total
1000	19585	2685713.407									
1000	19586	2685713.407									
1000	19587	2685713.407									
1000	19588	2685713.407									
1000	19589	2685713.407									
1000	19590	2685889.707	2641-08-13 04:58:18	0.752437901	1.289262099	0.75857381º	1.284039602º	231.6732206	57.36006806	1.014581323	Total
1000	19591	2685889.707									
1000	19592	2685889.707									
1000	19593	2685889.707									
1000	19594	2685889.707									
1000	19595	2685889.707									
1000	19596	2686037.744	2642-01-08 05:51:09	0.713711239	1.327988761	0.648770544º	1.190768503º	222.5300972	63.71346715	0.98363429	Grazing
1000	19597	2686037.744									
1000	19598	2686037.744									
1000	19599	2686037.744									
1000	19600	2686037.744									
1000	19601	2686067.542	2642-02-07 01:00:02	0.716385916	1.325314084	0.656172204º	1.197478967º	222.913005	63.22693323	0.984890295	Penumbral
1000	19602	2686215.117	2642-07-04 14:48:54	0.75771528	1.28398472	0.778473933º	1.303178207º	232.2682956	56.2817908	1.016053812	Penumbral
1000	19603	2686215.117									
1000	19604	2686215.117									
1000	19605	2686215.117									
1000	19606	2686244.396	2642-08-02 21:30:57	0.758935196	1.282764804	0.783864424º	1.308779084º	232.2147511	55.98558182	1.015646576	Penumbral
1000	19607	2686391.743	2642-12-28 05:49:14	0.720838928	1.320861072	0.670258621º	1.211869542º	223.0331124	62.26795117	0.9843372	Penumbral
1000	19608	2686391.743									
1000	19609	2686391.743									
1000	19610	2686391.743									
1000	19611	2686391.743									
1000	19612	2686421.503	2643-01-27 00:04:35	0.715351981	1.326348019	0.65353095º	1.195370251º	222.6761119	63.3899569	0.983922312	Grazing
1000	19613	2686569.745	2643-06-24 05:52:52	0.746919612	1.294780388	0.737099832º	1.262236886º	231.5393036	58.60442972	1.015216454	Umbral
1000	19614	2686569.745									
1000	19615	2686569.745									
1000	19616	2686569.745									
1000	19617	2686569.745									

1000	19618	2686746.006	2643-12-17 12:08:49	0.736828298	1.304871702	0.722383938º	1.263308128º	224.2114683	59.01235713	0.985586867	Umbral
1000	19619	2686746.006									
1000	19620	2686746.006									
1000	19621	2686746.006									
1000	19622	2686746.006									
1000	19623	2686746.006									
1000	19624	2686924.111	2644-06-12 14:40:14	0.731490829	1.310209171	0.684439395º	1.210274563º	230.3186079	61.84857238	1.013868625	Total
1000	19625	2686924.111									
1000	19626	2686924.111									
1000	19627	2686924.111									
1000	19628	2686924.111									
1000	19629	2686924.111									
1000	19630	2687100.551	2644-12-06 01:12:46	0.749701264	1.291998736	0.768753835º	1.30874501º	225.2976056	56.39835285	0.987289797	Total
1000	19631	2687100.551									
1000	19632	2687100.551									
1000	19633	2687100.551									
1000	19634	2687100.551									
1000	19635	2687278.195	2645-06-01 16:40:26	0.722448345	1.319251655	0.656968419º	1.183784253º	229.3658483	63.66654484	1.01198131	Umbral
1000	19636	2687278.195									
1000	19637	2687278.195									
1000	19638	2687278.195									
1000	19639	2687278.195									
1000	19640	2687278.195									
1000	19641	2687425.802	2645-10-27 07:14:44	0.748938602	1.292761398	0.758870893º	1.293678045º	227.3452103	57.08416675	0.99685985	Grazing
1000	19642	2687425.802									
1000	19643	2687425.802									
1000	19644	2687425.802									
1000	19645	2687425.802									
1000	19646	2687455.214	2645-11-25 17:07:40	0.751387202	1.290312798	0.773938605º	1.312786637º	225.8188338	56.14814355	0.98938429	Umbral
1000	19647	2687602.649	2646-04-22 03:35:13	0.731517896	1.310182104	0.693023788º	1.225096341º	227.5304682	61.09384601	1.001983235	Penumbral
1000	19648	2687602.649									
1000	19649	2687602.649									
1000	19650	2687602.649									
1000	19651	2687602.649									
1000	19652	2687632.231	2646-05-21 17:33:15	0.726846631	1.314853369	0.672352888º	1.200391455º	229.0683812	62.57660795	1.009637952	Grazing
1000	19653	2687780.292	2646-10-16 19:00:51	0.735411518	1.306288482	0.707536727º	1.240724272º	227.2986653	60.14672253	0.999887905	Penumbral
1000	19654	2687780.292									
1000	19655	2687780.292									
1000	19656	2687780.292									
1000	19657	2687780.292									
1000	19658	2687809.801	2646-11-15 07:12:54	0.74137121	1.30032879	0.734284289º	1.271779383º	225.8232926	58.41075141	0.991874686	Grazing
1000	19659	2687957.061	2647-04-11 13:28:05	0.745967316	1.295732684	0.746171644º	1.279882746º	227.630719	57.83209242	0.998907041	Total
1000	19660	2687957.061									
1000	19661	2687957.061									

1000	19662	2687957.061									
1000	19663	2688134.488	2647-10-05 23:42:28	0.722706339	1.318993661	0.663866131º	1.195382214º	227.2945208	63.03306281	1.003032259	Total
1000	19664	2688134.488									
1000	19665	2688134.488									
1000	19666	2688134.488									
1000	19667	2688134.488									
1000	19668	2688134.488									
1000	19669	2688311.693	2648-03-31 04:38:09	0.753743806	1.287956194	0.778452596º	1.31376033º	227.3767917	55.99967376	0.995927658	Total
1000	19670	2688311.693									
1000	19671	2688311.693									
1000	19672	2688311.693									
1000	19673	2688311.693									
1000	19674	2688311.693									
1000	19675	2688488.493	2648-09-23 23:50:10	0.721336543	1.320363457	0.657662818º	1.187561305º	227.899154	63.51284505	1.006094169	Total
1000	19676	2688488.493									
1000	19677	2688488.493									
1000	19678	2688488.493									
1000	19679	2688488.493									
1000	19680	2688488.493									
1000	19681	2688666.361	2649-03-20 20:40:33	0.749477996	1.292222004	0.763683002º	1.300526282º	226.5465162	56.76148955	0.993078982	Umbral
1000	19682	2688666.361									
1000	19683	2688666.361									
1000	19684	2688666.361									
1000	19685	2688666.361									
1000	19686	2688666.361									
1000	19687	2688813.137	2649-08-14 15:17:15	0.742442646	1.299257354	0.72155913º	1.247107791º	231.0686999	59.51968034	1.014421342	Grazing
1000	19688	2688813.137									
1000	19689	2688813.137									
1000	19690	2688813.137									
1000	19691	2688842.615	2649-09-13 02:44:59	0.73301295	1.30868705	0.693116966º	1.221560544º	229.2130391	61.20290173	1.008864144	Total Penumbral
1000	19692	2688991.257	2650-02-08 18:09:51	0.725148566	1.316551434	0.683428003º	1.22465152º	223.4404007	61.41881818	0.985041783	Penumbral
1000	19693	2688991.257									
1000	19694	2688991.257									
1000	19695	2688991.257									
1000	19696	2688991.257									
1000	19697	2689020.873	2650-03-10 08:56:30	0.735043113	1.306656887	0.712957795º	1.251242424º	225.141265	59.6588894	0.990419842	Grazing
1000	19698	2689167.702	2650-08-04 04:51:05	0.755554365	1.286145635	0.770150932º	1.295102351º	232.0478453	56.72974252	1.015575459	Umbral
1000	19699	2689167.702									
1000	19700	2689167.702									
1000	19701	2689167.702									
1000	19702	2689167.702									
1000	19703	2689345.315	2651-01-28 19:32:58	0.714351347	1.327348653	0.650527431º	1.192311427º	222.6280387	63.59901569	0.984022751	Total
1000	19704	2689345.315									
1000	19705	2689345.315									

1000	19706	2689345.315									
1000	19707	2689345.315									
1000	19708	2689345.315									
1000	19709	2689522.414	2651-07-24 21:55:37	0.758704182	1.282995818	0.782431629º	1.307042868º	232.3448398	56.07060424	1.016234	Total
1000	19710	2689522.414									
1000	19711	2689522.414									
1000	19712	2689522.414									
1000	19713	2689522.414									
1000	19714	2689522.414									
1000	19715	2689699.284	2652-01-17 18:48:27	0.717786613	1.323913387	0.661209305º	1.203242822º	222.7187946	62.85993498	0.983569763	Total
1000	19716	2689699.284									
1000	19717	2689699.284									
1000	19718	2689699.284									
1000	19719	2689699.284									
1000	19720	2689877.077	2652-07-13 13:51:30	0.750268107	1.291431893	0.748876299º	1.273406924º	231.9740001	57.93778135	1.016390182	Umbral
1000	19721	2689877.077									
1000	19722	2689877.077									
1000	19723	2689877.077									
1000	19724	2689877.077									
1000	19725	2689877.077									
1000	19726	2690023.919	2652-12-07 10:02:43	0.741606746	1.300093254	0.738509913º	1.278623388º	224.7882252	58.09014455	0.987066242	Grazing
1000	19727	2690023.919									
1000	19728	2690023.919									
1000	19729	2690023.919									
1000	19730	2690023.919									
1000	19731	2690053.471	2653-01-05 23:18:48	0.732472867	1.309227133	0.708487423º	1.250431285º	223.5848998	59.82114972	0.983732478	Umbral
1000	19732	2690201.971	2653-06-03 11:17:51	0.727474571	1.314225429	0.672537931º	1.199208427º	229.7173795	62.60963732	1.012260572	Penumbral
1000	19733	2690201.971									
1000	19734	2690201.971									
1000	19735	2690201.971									
1000	19736	2690201.971									
1000	19737	2690231.512	2653-07-03 00:17:00	0.735283253	1.306416747	0.695491094º	1.220231463º	231.0482499	61.16835166	1.015983922	Penumbral
1000	19738	2690378.518	2653-11-27 00:26:03	0.751808839	1.289891161	0.775760473º	1.31473723º	225.7933592	56.04662338	0.989147993	Penumbral
1000	19739	2690378.518									
1000	19740	2690378.518									
1000	19741	2690378.518									
1000	19742	2690378.518									
1000	19743	2690556.007	2654-05-23 12:09:27	0.721865335	1.319834665	0.656529583º	1.184383229º	228.8662976	63.66132086	1.009991656	Umbral
1000	19744	2690556.007									
1000	19745	2690556.007									
1000	19746	2690556.007									
1000	19747	2690556.007									
1000	19748	2690733.183	2654-11-16 16:22:51	0.749911342	1.291788658	0.766527052º	1.304169953º	226.227049	56.58344611	0.991602002	Total
1000	19749	2690733.183									

1000	19750	2690733.183									
1000	19751	2690733.183									
1000	19752	2690733.183									
1000	19753	2690733.183									
1000	19754	2690910.084	2655-05-12 14:01:35	0.729771099	1.311928901	0.683447956º	1.212698204º	228.683373	61.80276081	1.007326457	Total
1000	19755	2690910.084									
1000	19756	2690910.084									
1000	19757	2690910.084									
1000	19758	2690910.084									
1000	19759	2690910.084									
1000	19760	2691087.717	2655-11-06 05:12:59	0.737583536	1.304116464	0.719026014º	1.255170457º	226.1644751	59.35549536	0.99437341	Total
1000	19761	2691087.717									
1000	19762	2691087.717									
1000	19763	2691087.717									
1000	19764	2691087.717									
1000	19765	2691087.717									
1000	19766	2691264.439	2656-04-30 22:32:18	0.744232997	1.297467003	0.735561649º	1.266312603º	228.8219984	58.53147461	1.004478229	Umbral
1000	19767	2691264.439									
1000	19768	2691264.439									
1000	19769	2691264.439									
1000	19770	2691264.439									
1000	19771	2691412.301	2656-09-25 19:13:30	0.721380069	1.320319931	0.657967858º	1.188127084º	227.8272377	63.4828913	1.005599359	Grazing
1000	19772	2691412.301									
1000	19773	2691412.301									
1000	19774	2691412.301									
1000	19775	2691412.301									
1000	19776	2691441.971	2656-10-25 11:18:17	0.723455643	1.318244357	0.669999599º	1.204538325º	226.0497484	62.51856845	0.997360437	Total Penumbral
1000	19777	2691589.677	2657-03-22 04:15:09	0.753403916	1.288296084	0.77897197º	1.315629235º	226.8052023	55.93600977	0.993423201	Penumbral
1000	19778	2691589.677									
1000	19779	2691589.677									
1000	19780	2691589.677									
1000	19781	2691589.677									
1000	19782	2691619.047	2657-04-20 13:07:02	0.754158567	1.287541433	0.775866128º	1.308164005º	228.6538709	56.21930301	1.001559091	Grazing
1000	19783	2691766.311	2657-09-14 19:27:07	0.724045695	1.317654305	0.664434501º	1.193103561º	228.6053218	63.09036115	1.008433855	Penumbral
1000	19784	2691766.311									
1000	19785	2691766.311									
1000	19786	2691766.311									
1000	19787	2691766.311									
1000	19788	2691795.986	2657-10-14 11:40:31	0.71886448	1.32283552	0.653723087º	1.18658109º	226.5041757	63.68401361	1.00050628	Grazing
1000	19789	2691944.318	2658-03-11 19:37:20	0.745712593	1.295987407	0.750969395º	1.289050411º	225.8464783	57.43640737	0.990794624	Total
1000	19790	2691944.318									
1000	19791	2691944.318									
1000	19792	2691944.318									
1000	19793	2691944.318									

1000	19794	2692120.512	2658-09-04 00:17:22	0.737986761	1.303713239	0.708466535°	1.23584169°	229.9941982	60.26764771	1.010908028	Total
1000	19795	2692120.512									
1000	19796	2692120.512									
1000	19797	2692120.512									
1000	19798	2692120.512									
1000	19799	2692298.751	2659-03-01 06:00:47	0.729795149	1.311904851	0.696579331°	1.235952603°	224.397199	60.63922951	0.988420831	Total
1000	19800	2692298.751									
1000	19801	2692298.751									
1000	19802	2692298.751									
1000	19803	2692298.751									
1000	19804	2692298.751									
1000	19805	2692475.018	2659-08-24 12:25:48	0.752699378	1.289000622	0.760856262°	1.287159167°	231.3057887	57.20864448	1.012967575	Total
1000	19806	2692475.018									
1000	19807	2692475.018									
1000	19808	2692475.018									
1000	19809	2692475.018									
1000	19810	2692475.018									
1000	19811	2692623.078	2660-01-19 13:52:48	0.713696209	1.328003791	0.648754399°	1.190789736°	222.5178402	63.7133023	0.983566461	Grazing
1000	19812	2692623.078									
1000	19813	2692623.078									
1000	19814	2692623.078									
1000	19815	2692623.078									
1000	19816	2692652.874	2660-02-18 08:59:14	0.716412837	1.325287163	0.655359841°	1.195869061°	223.2257953	63.30962835	0.986343542	Penumbral
1000	19817	2692800.428	2660-07-14 22:16:28	0.757424264	1.284275736	0.777058837°	1.301576604°	232.3269714	56.36360568	1.016415097	Penumbral
1000	19818	2692800.428									
1000	19819	2692800.428									
1000	19820	2692800.428									
1000	19821	2692800.428									
1000	19822	2692829.711	2660-08-13 05:03:20	0.758651527	1.283048473	0.783653751°	1.309116585°	231.9282933	55.98231566	1.014587033	Penumbral
1000	19823	2692977.085	2661-01-07 14:01:45	0.721333088	1.320366912	0.672170237°	1.214170541°	222.9286974	62.12865709	0.983630034	Penumbral
1000	19824	2692977.085									
1000	19825	2692977.085									
1000	19826	2692977.085									
1000	19827	2693006.838	2661-02-06 08:06:47	0.715987471	1.325712529	0.654860783°	1.196228502°	222.9092857	63.31468452	0.984779402	Grazing
1000	19828	2693155.045	2661-07-04 13:05:07	0.746254965	1.295445035	0.73402603°	1.258702721°	231.7000751	58.79908975	1.016107227	Umbral
1000	19829	2693155.045									
1000	19830	2693155.045									
1000	19831	2693155.045									
1000	19832	2693155.045									
1000	19833	2693331.362	2661-12-27 20:41:18	0.737316417	1.304383583	0.724884389°	1.266498268°	223.9852235	58.84350644	0.984331825	Umbral
1000	19834	2693331.362									
1000	19835	2693331.362									
1000	19836	2693331.362									
1000	19837	2693331.362									

1000	19838	2693331.362									
1000	19839	2693509.394	2662-06-23 21:27:57	0.731086368	1.310613632	0.682126816º	1.207256075º	230.6220277	62.02330099	1.015231524	Total
1000	19840	2693509.394									
1000	19841	2693509.394									
1000	19842	2693509.394									
1000	19843	2693509.394									
1000	19844	2693509.394									
1000	19845	2693685.914	2662-12-17 09:55:44	0.74965604	1.29204396	0.769812361º	1.310737549º	224.9266715	56.31568992	0.985585049	Total
1000	19846	2693685.914									
1000	19847	2693685.914									
1000	19848	2693685.914									
1000	19849	2693685.914									
1000	19850	2693685.914									
1000	19851	2693863.469	2663-06-12 23:15:47	0.722929175	1.318770825	0.657157219º	1.183052908º	229.8307501	63.68507169	1.013751946	Umbral
1000	19852	2693863.469									
1000	19853	2693863.469									
1000	19854	2693863.469									
1000	19855	2693863.469									
1000	19856	2694011.145	2663-11-07 15:28:26	0.747598906	1.294101094	0.755875631º	1.292213799º	226.6337362	57.20913723	0.994014242	Grazing
1000	19857	2694011.145									
1000	19858	2694011.145									
1000	19859	2694011.145									
1000	19860	2694011.145									
1000	19861	2694040.573	2663-12-07 01:45:48	0.750584695	1.291115305	0.772333992º	1.312318615º	225.3177559	56.20437447	0.987301777	Umbral
1000	19862	2694187.958	2664-05-02 10:59:58	0.733228491	1.308471509	0.696682077º	1.227245161º	228.294753	60.90855527	1.00483391	Penumbral
1000	19863	2694187.958									
1000	19864	2694187.958									
1000	19865	2694187.958									
1000	19866	2694187.958									
1000	19867	2694217.518	2664-06-01 00:25:28	0.728217477	1.313482523	0.675153467º	1.20206378º	229.6724478	62.4267903	1.011799854	Penumbral
1000	19868	2694365.615	2664-10-27 02:45:39	0.733696846	1.308003154	0.703768153º	1.238531101º	226.5318723	60.33223298	0.996942251	Penumbral
1000	19869	2694365.615									
1000	19870	2694365.615									
1000	19871	2694365.615									
1000	19872	2694365.615									
1000	19873	2694395.146	2664-11-25 15:30:52	0.739934901	1.301765099	0.730831132º	1.269662227º	225.204458	58.57413624	0.989415389	Grazing
1000	19874	2694542.392	2665-04-21 21:24:35	0.747479012	1.294220988	0.749634358º	1.281750695º	228.3892867	57.67956826	1.00190079	Total
1000	19875	2694542.392									
1000	19876	2694542.392									
1000	19877	2694542.392									
1000	19878	2694542.392									
1000	19879	2694719.789	2665-10-16 06:55:32	0.721303007	1.320396993	0.661499858º	1.194595391º	226.5370448	63.14090537	1.000060486	Umbral
1000	19880	2694719.789									
1000	19881	2694719.789									

1000	19882	2694719.789									
1000	19883	2694719.789									
1000	19884	2694897.037	2666-04-11 12:53:44	0.754603223	1.287096777	0.779635602º	1.313335653º	228.0885897	55.97894517	0.998927725	Total
1000	19885	2694897.037									
1000	19886	2694897.037									
1000	19887	2694897.037									
1000	19888	2694897.037									
1000	19889	2694897.037									
1000	19890	2695073.786	2666-10-05 06:51:22	0.7207666	1.3209334	0.657848077º	1.189278524º	227.2008436	63.44774422	1.00319389	Total
1000	19891	2695073.786									
1000	19892	2695073.786									
1000	19893	2695073.786									
1000	19894	2695073.786									
1000	19895	2695073.786									
1000	19896	2695251.708	2667-04-01 04:59:46	0.749662804	1.292037196	0.762280562º	1.297567965º	227.1933499	56.88153624	0.995965486	Umbral
1000	19897	2695251.708									
1000	19898	2695251.708									
1000	19899	2695251.708									
1000	19900	2695251.708									
1000	19901	2695251.708									
1000	19902	2695398.437	2667-08-25 22:29:19	0.742908917	1.298791083	0.72447347º	1.25091044º	230.699564	59.31706332	1.012709608	Grazing
1000	19903	2695398.437									
1000	19904	2695398.437									
1000	19905	2695398.437									
1000	19906	2695398.437									
1000	19907	2695427.916	2667-09-24 09:59:43	0.733121328	1.308578672	0.695379044º	1.225233786º	228.597164	61.01371571	1.006177233	Umbral
1000	19908	2695576.599	2668-02-20 02:22:28	0.724808968	1.316891032	0.681384326º	1.221741127º	223.7462403	61.57884429	0.986621759	Penumbral
1000	19909	2695576.599									
1000	19910	2695576.599									
1000	19911	2695576.599									
1000	19912	2695606.212	2668-03-20 17:04:47	0.734896087	1.306803913	0.710667931º	1.247521415º	225.7074246	59.84206209	0.993060105	Grazing
1000	19913	2695753.014	2668-08-14 12:19:34	0.755766091	1.285933909	0.771953002º	1.297513682º	231.7756083	56.61413808	1.014398142	Umbral
1000	19914	2695753.014									
1000	19915	2695753.014									
1000	19916	2695753.014									
1000	19917	2695753.014									
1000	19918	2695782.354	2668-09-12 20:29:15	0.748946452	1.292753548	0.749603048º	1.278036541º	230.1457943	57.7853991	1.008883398	Grazing
1000	19919	2695930.648	2669-02-08 03:32:41	0.714459783	1.327240217	0.650246922º	1.19148392º	222.8463356	63.63720481	0.985017248	Umbral
1000	19920	2695930.648									
1000	19921	2695930.648									
1000	19922	2695930.648									
1000	19923	2695930.648									
1000	19924	2696107.726	2669-08-04 05:25:28	0.758320115	1.283379885	0.78143718º	1.306390665º	232.1593724	56.11500776	1.01557146	Total
1000	19925	2696107.726									

1000	19926	2696107.726									
1000	19927	2696107.726									
1000	19928	2696107.726									
1000	19929	2696107.726									
1000	19930	2696284.623	2670-01-28 02:56:50	0.718462475	1.323237525	0.663004328º	1.204806443º	222.8506302	62.74654028	0.983989843	Total
1000	19931	2696284.623									
1000	19932	2696284.623									
1000	19933	2696284.623									
1000	19934	2696284.623									
1000	19935	2696284.623									
1000	19936	2696462.38	2670-07-24 21:06:51	0.749403582	1.292296418	0.745746069º	1.27035468º	231.8845129	58.11587629	1.01623909	Umbral
1000	19937	2696462.38									
1000	19938	2696462.38									
1000	19939	2696462.38									
1000	19940	2696462.38									
1000	19941	2696609.276	2670-12-18 18:37:09	0.741912177	1.299787823	0.740751736º	1.28178565º	224.4523001	57.93480892	0.985386987	Grazing
1000	19942	2696609.276									
1000	19943	2696609.276									
1000	19944	2696609.276									
1000	19945	2696609.276									
1000	19946	2696638.826	2671-01-17 07:49:38	0.7332576	1.3084424	0.711252931º	1.253290192º	223.5990487	59.64949358	0.983562969	Umbral
1000	19947	2696787.252	2671-06-14 18:02:23	0.727358266	1.314341734	0.670895402º	1.196659676º	230.1350741	62.75022169	1.014005332	Penumbral
1000	19948	2696787.252									
1000	19949	2696787.252									
1000	19950	2696787.252									
1000	19951	2696787.252									
1000	19952	2696816.796	2671-07-14 07:06:06	0.734500832	1.307199168	0.692569357º	1.217112357º	231.0977851	61.36225504	1.016366203	Penumbral
1000	19953	2696963.879	2671-12-08 09:06:04	0.751493068	1.290206932	0.776039924º	1.316159952º	225.3236633	56.00120226	0.987054267	Penumbral
1000	19954	2696963.879									
1000	19955	2696963.879									
1000	19956	2696963.879									
1000	19957	2696963.879									
1000	19958	2696993.324	2672-01-06 19:46:46	0.747218997	1.294481003	0.76167249º	1.303617736º	224.4093091	56.73299607	0.983729965	Penumbral
1000	19959	2697141.285	2672-06-02 18:49:58	0.722703108	1.318996892	0.657593632º	1.184322403º	229.4310738	63.62620328	1.01214858	Umbral
1000	19960	2697141.285									
1000	19961	2697141.285									
1000	19962	2697141.285									
1000	19963	2697141.285									
1000	19964	2697318.537	2672-11-27 00:52:58	0.748841887	1.292858113	0.764138042º	1.303125563º	225.6402002	56.67797343	0.989128239	Umbral
1000	19965	2697318.537									
1000	19966	2697318.537									
1000	19967	2697318.537									
1000	19968	2697318.537									
1000	19969	2697495.379	2673-05-22 21:06:22	0.731340308	1.310359692	0.686821305º	1.214731159º	229.3618564	61.62621974	1.009884118	Total

1000	19970	2697495.379									
1000	19971	2697495.379									
1000	19972	2697495.379									
1000	19973	2697495.379									
1000	19974	2697495.379									
1000	19975	2697673.054	2673-11-16 13:18:19	0.735995577	1.305704423	0.715347851º	1.252981657º	225.4775475	59.53325155	0.991618778	Total
1000	19976	2697673.054									
1000	19977	2697673.054									
1000	19978	2697673.054									
1000	19979	2697673.054									
1000	19980	2697673.054									
1000	19981	2697849.757	2674-05-12 06:09:57	0.745814157	1.295885843	0.739311714º	1.268587033º	229.5512038	58.35505695	1.007278742	Umbral
1000	19982	2697849.757									
1000	19983	2697849.757									
1000	19984	2697849.757									
1000	19985	2697849.757									
1000	19986	2697849.757									
1000	19987	2697997.594	2674-10-07 02:15:08	0.720201593	1.321498407	0.656289678º	1.187974099º	227.0952812	63.54656489	1.002714687	Grazing
1000	19988	2697997.594									
1000	19989	2697997.594									
1000	19990	2697997.594									
1000	19991	2698027.286	2674-11-05 18:51:42	0.721962254	1.319737746	0.667225076º	1.203324124º	225.3180961	62.6526974	0.994457609	Umbral
1000	19992	2698175.026	2675-04-02 12:37:39	0.754034145	1.287665855	0.779315186º	1.314432815º	227.477673	55.9584783	0.996281469	Penumbral
1000	19993	2698175.026									
1000	19994	2698175.026									
1000	19995	2698175.026									
1000	19996	2698175.026									
1000	19997	2698204.38	2675-05-01 21:06:58	0.755185324	1.286514676	0.777687088º	1.308443006º	229.379555	56.16220507	1.004468833	Penumbral
1000	19998	2698351.601	2675-09-26 02:25:19	0.723755049	1.317944951	0.665397614º	1.195466712º	227.9570772	62.97773802	1.005770342	Penumbral
1000	19999	2698351.601									
1000	20000	2698351.601									
1000	20001	2698351.601									
1000	20002	2698351.601									
1000	20003	2698381.289	2675-10-25 18:56:01	0.718068793	1.323631207	0.653281654º	1.187720971º	225.7807914	63.66029123	0.997545954	Grazing
1000	20004	2698529.666	2676-03-22 03:59:02	0.745719743	1.295980257	0.749062372º	1.285723854º	226.4337671	57.58411187	0.993415394	Total
1000	20005	2698529.666									
1000	20006	2698529.666									
1000	20007	2698529.666									
1000	20008	2698529.666									
1000	20009	2698705.815	2676-09-14 07:33:40	0.738232413	1.303467587	0.71110415º	1.239696877º	229.4431522	60.06692569	1.00857948	Total
1000	20010	2698705.815									
1000	20011	2698705.815									
1000	20012	2698705.815									
1000	20013	2698705.815									

1000	20014	2698705.815									
1000	20015	2698884.089	2677-03-11 14:08:17	0.729607278	1.312092722	0.694411524º	1.232524422º	224.8928994	60.81540216	0.990735921	Total
1000	20016	2698884.089									
1000	20017	2698884.089									
1000	20018	2698884.089									
1000	20019	2698884.089									
1000	20020	2699060.332	2677-09-03 19:58:46	0.75281449	1.28888551	0.762916875º	1.29026752º	230.8305462	57.06456298	1.010955014	Total
1000	20021	2699060.332									
1000	20022	2699060.332									
1000	20023	2699060.332									
1000	20024	2699060.332									
1000	20025	2699060.332									
1000	20026	2699238.203	2678-02-28 16:52:35	0.716612808	1.325087192	0.65478895º	1.194220077º	223.6510464	63.38549513	0.988314821	Penumbral
1000	20027	2699238.203									
1000	20028	2699238.203									
1000	20029	2699238.203									
1000	20030	2699238.203									
1000	20031	2699238.203									
1000	20032	2699385.738	2678-07-26 05:43:14	0.756953513	1.284746487	0.775339541º	1.299991175º	232.2472783	56.45358964	1.016155755	Penumbral
1000	20033	2699385.738									
1000	20034	2699385.738									
1000	20035	2699385.738									
1000	20036	2699385.738									
1000	20037	2699415.027	2678-08-24 12:38:49	0.75820294	1.28349706	0.783125531º	1.309445201º	231.5210344	55.98787708	1.01293531	Penumbral
1000	20038	2699562.428	2679-01-18 22:16:11	0.722008246	1.319691754	0.674337471º	1.216357466º	222.9540849	61.98522137	0.9835943	Penumbral
1000	20039	2699562.428									
1000	20040	2699562.428									
1000	20041	2699562.428									
1000	20042	2699562.428									
1000	20043	2699592.171	2679-02-17 16:05:52	0.716812742	1.324887258	0.656483801º	1.19703205º	223.2644804	63.23132437	0.986272324	Grazing
1000	20044	2699740.343	2679-07-15 20:14:13	0.745429194	1.296270806	0.730757742º	1.255304085º	231.7256067	58.99689246	1.016359727	Umbral
1000	20045	2699740.343									
1000	20046	2699740.343									
1000	20047	2699740.343									
1000	20048	2699916.72	2680-01-08 05:17:10	0.737932206	1.303767794	0.727509094º	1.269465911º	223.8815018	58.67841971	0.983708962	Umbral
1000	20049	2699916.72									
1000	20050	2699916.72									
1000	20051	2699916.72									
1000	20052	2699916.72									
1000	20053	2699916.72									
1000	20054	2700094.674	2680-07-04 04:10:58	0.730559444	1.311140556	0.679766786º	1.204476225º	230.8000947	62.19277954	1.016043811	Total
1000	20055	2700094.674									
1000	20056	2700094.674									
1000	20057	2700094.674									

1000	20058	2700094.674									
1000	20059	2700094.674									
1000	20060	2700271.28	2680-12-27 18:42:49	0.749699392	1.292000608	0.770848109º	1.312447974º	224.6690026	56.24145345	0.984357293	Total
1000	20061	2700271.28									
1000	20062	2700271.28									
1000	20063	2700271.28									
1000	20064	2700271.28									
1000	20065	2700271.28									
1000	20066	2700448.741	2681-06-23 05:46:28	0.723322704	1.318377296	0.657412146º	1.182579091º	230.1842567	63.69243621	1.015158671	Umbral
1000	20067	2700448.741									
1000	20068	2700448.741									
1000	20069	2700448.741									
1000	20070	2700448.741									
1000	20071	2700448.741									
1000	20072	2700596.492	2681-11-17 23:48:44	0.746291504	1.295408496	0.752836992º	1.290668991º	225.9743952	57.33813206	0.991253364	Grazing
1000	20073	2700596.492									
1000	20074	2700596.492									
1000	20075	2700596.492									
1000	20076	2700625.937	2681-12-17 10:28:41	0.749858839	1.291841161	0.770683809º	1.311630856º	224.9177852	56.26785955	0.985545224	Umbral
1000	20077	2700773.263	2682-05-13 18:18:28	0.734911537	1.306788463	0.70042427º	1.2295098º	229.0255943	60.71809499	1.007640065	Penumbral
1000	20078	2700773.263									
1000	20079	2700773.263									
1000	20080	2700773.263									
1000	20081	2700773.263									
1000	20082	2700802.801	2682-06-12 07:13:31	0.729508457	1.312191543	0.678018298º	1.203951615º	230.1831502	62.26845352	1.013679417	Penumbral
1000	20083	2700950.943	2682-11-07 10:37:15	0.732024474	1.309675526	0.7000767º	1.236418301º	225.796403	60.51395848	0.99400788	Penumbral
1000	20084	2700950.943									
1000	20085	2700950.943									
1000	20086	2700950.943									
1000	20087	2700950.943									
1000	20088	2700980.496	2682-12-06 23:54:14	0.73858609	1.30311391	0.727457661º	1.267460342º	224.6714986	58.73854232	0.987268762	Grazing
1000	20089	2701127.718	2683-05-03 05:14:22	0.748956654	1.292743346	0.75304174º	1.283603888º	229.1370502	57.52984142	1.004835682	Umbral
1000	20090	2701127.718									
1000	20091	2701127.718									
1000	20092	2701127.718									
1000	20093	2701127.718									
1000	20094	2701305.095	2683-10-27 14:16:22	0.71994567	1.32175433	0.659273464º	1.193973564º	225.7883361	63.23869384	0.997059431	Umbral
1000	20095	2701305.095									
1000	20096	2701305.095									
1000	20097	2701305.095									
1000	20098	2701305.095									
1000	20099	2701305.095									
1000	20100	2701482.376	2684-04-21 21:01:48	0.755435257	1.286264743	0.780659302º	1.312768694º	228.8128917	55.96631555	1.001913866	Total
1000	20101	2701482.376									

1000	20102	2701482.376									
1000	20103	2701482.376									
1000	20104	2701482.376									
1000	20105	2701659.084	2684-10-15 14:01:41	0.72021058	1.32148942	0.658146015º	1.191135915º	226.486099	63.37409687	1.000258687	Total
1000	20106	2701659.084									
1000	20107	2701659.084									
1000	20108	2701659.084									
1000	20109	2701659.084									
1000	20110	2701659.084									
1000	20111	2701837.049	2685-04-11 13:10:39	0.749848469	1.291851531	0.760749616º	1.294451749º	227.8757562	57.01004608	0.998923828	Umbral
1000	20112	2701837.049									
1000	20113	2701837.049									
1000	20114	2701837.049									
1000	20115	2701837.049									
1000	20116	2701837.049									
1000	20117	2701983.742	2685-09-05 05:47:50	0.743247196	1.298452804	0.727277516º	1.254771081º	230.2258954	59.11743082	1.010681102	Grazing
1000	20118	2701983.742									
1000	20119	2701983.742									
1000	20120	2701983.742									
1000	20121	2701983.742									
1000	20122	2702013.225	2685-10-04 17:23:35	0.733180234	1.308519766	0.697623342º	1.228973712º	227.93718	60.82417246	1.003345077	Umbral
1000	20123	2702161.937	2686-03-02 10:28:42	0.724612312	1.317087688	0.679489778º	1.218755702º	224.1616369	61.7372238	0.988617588	Penumbral
1000	20124	2702161.937									
1000	20125	2702161.937									
1000	20126	2702161.937									
1000	20127	2702161.937									
1000	20128	2702191.545	2686-04-01 01:04:07	0.7348068	1.3068932	0.70839927º	1.243712672º	226.334093	60.02838328	0.995917112	Grazing
1000	20129	2702338.328	2686-08-25 19:52:14	0.755815897	1.285884103	0.773489759º	1.299910334º	231.3828954	56.50671296	1.012741148	Umbral
1000	20130	2702338.328									
1000	20131	2702338.328									
1000	20132	2702338.328									
1000	20133	2702367.673	2686-09-24 04:09:45	0.748992989	1.292707011	0.751820668º	1.281647214º	229.5284873	57.61975943	1.006230778	Grazing
1000	20134	2702515.978	2687-02-19 11:28:10	0.714759938	1.326940062	0.650228256º	1.190626372º	223.186373	63.66730846	0.98654633	Umbral
1000	20135	2702515.978									
1000	20136	2702515.978									
1000	20137	2702515.978									
1000	20138	2702515.978									
1000	20139	2702693.04	2687-08-15 12:57:05	0.757763372	1.283936628	0.780151836º	1.305721841º	231.8439678	56.16784691	1.014380146	Total
1000	20140	2702693.04									
1000	20141	2702693.04									
1000	20142	2702693.04									
1000	20143	2702693.04									
1000	20144	2702693.04									
1000	20145	2702869.961	2688-02-08 11:03:49	0.719327114	1.322372886	0.665056542º	1.206315873º	223.1099143	62.62664691	0.984976604	Total

1000	20146	2702869.961									
1000	20147	2702869.961									
1000	20148	2702869.961									
1000	20149	2702869.961									
1000	20150	2702869.961									
1000	20151	2703047.682	2688-08-04 04:21:42	0.748373713	1.293326287	0.742428873º	1.267392654º	231.6591709	58.29795586	1.015551543	Umbral
1000	20152	2703047.682									
1000	20153	2703047.682									
1000	20154	2703047.682									
1000	20155	2703047.682									
1000	20156	2703047.682									
1000	20157	2703194.636	2688-12-29 03:16:05	0.742324356	1.299375644	0.743052642º	1.284708216º	224.2313561	57.7853826	0.984256053	Grazing
1000	20158	2703194.636									
1000	20159	2703194.636									
1000	20160	2703194.636									
1000	20161	2703224.181	2689-01-27 16:20:56	0.734189483	1.307510517	0.714174744º	1.255988267º	223.7409485	59.47886931	0.983969124	Umbral
1000	20162	2703372.529	2689-06-25 00:41:19	0.727139118	1.314560882	0.669252736º	1.194348106º	230.4387136	62.88349265	1.015297045	Penumbral
1000	20163	2703372.529									
1000	20164	2703372.529									
1000	20165	2703372.529									
1000	20166	2703372.529									
1000	20167	2703402.078	2689-07-24 13:52:59	0.73357944	1.30812056	0.689594895º	1.214211925º	231.0112028	61.55209334	1.016222781	Penumbral
1000	20168	2703549.244	2689-12-18 17:51:07	0.751250912	1.290449088	0.776274988º	1.31730024º	224.9569612	55.96455131	0.985402762	Penumbral
1000	20169	2703549.244									
1000	20170	2703549.244									
1000	20171	2703549.244									
1000	20172	2703549.244									
1000	20173	2703578.691	2690-01-17 04:35:09	0.747649267	1.294050733	0.763456141º	1.305490485º	224.3937382	56.63252564	0.983568262	Penumbral
1000	20174	2703726.559	2690-06-14 01:25:18	0.72346998	1.31823002	0.658716086º	1.184532532º	229.8994891	63.57979997	1.013904723	Umbral
1000	20175	2703726.559									
1000	20176	2703726.559									
1000	20177	2703726.559									
1000	20178	2703726.559									
1000	20179	2703903.895	2690-12-08 09:28:37	0.747839534	1.293860466	0.761759995º	1.301871482º	225.1409838	56.77824135	0.987069875	Umbral
1000	20180	2703903.895									
1000	20181	2703903.895									
1000	20182	2703903.895									
1000	20183	2703903.895									
1000	20184	2704080.671	2691-06-03 04:06:21	0.732841043	1.308858957	0.690205559º	1.216991401º	229.9645567	61.44305492	1.012038927	Total
1000	20185	2704080.671									
1000	20186	2704080.671									
1000	20187	2704080.671									
1000	20188	2704080.671									
1000	20189	2704080.671									

1000	20190	2704258.396	2691-11-27 21:29:43	0.734487898	1.307212102	0.711790748º	1.250754801º	224.861122	59.70949994	0.989171309	Total
1000	20191	2704258.396									
1000	20192	2704258.396									
1000	20193	2704258.396									
1000	20194	2704258.396									
1000	20195	2704258.396									
1000	20196	2704435.071	2692-05-22 13:42:05	0.747318756	1.294381244	0.742981528º	1.270929241º	230.2255446	58.18009996	1.009811699	Umbral
1000	20197	2704435.071									
1000	20198	2704435.071									
1000	20199	2704435.071									
1000	20200	2704435.071									
1000	20201	2704435.071									
1000	20202	2704582.892	2692-10-17 09:24:47	0.719046997	1.322653003	0.654736987º	1.188010353º	226.3504586	63.59949433	0.999726991	Grazing
1000	20203	2704582.892									
1000	20204	2704582.892									
1000	20205	2704582.892									
1000	20206	2704582.892									
1000	20207	2704612.606	2692-11-16 02:32:21	0.72056249	1.32113751	0.664621984º	1.202212609º	224.638417	62.77813908	0.991698427	Umbral
1000	20208	2704760.37	2693-04-12 20:52:30	0.754657723	1.287042277	0.779531576º	1.313036632º	228.1831098	55.9897035	0.99929283	Penumbral
1000	20209	2704760.37									
1000	20210	2704760.37									
1000	20211	2704760.37									
1000	20212	2704760.37									
1000	20213	2704936.898	2693-10-06 09:32:31	0.723445544	1.318254456	0.666398612º	1.198006566º	227.2700691	62.85830527	1.00285892	Penumbral
1000	20214	2704936.898									
1000	20215	2704936.898									
1000	20216	2704936.898									
1000	20217	2704936.898									
1000	20218	2704966.598	2693-11-05 02:20:33	0.7173464	1.3243536	0.652964817º	1.189002845º	225.0872477	63.62735815	0.994570814	Grazing
1000	20219	2705115.009	2694-04-02 12:12:27	0.745756194	1.295943806	0.74711651º	1.282200264º	227.0765433	57.73926288	0.996344542	Total
1000	20220	2705115.009									
1000	20221	2705115.009									
1000	20222	2705115.009									
1000	20223	2705115.009									
1000	20224	2705291.124	2694-09-25 14:58:19	0.738395768	1.303304232	0.713627451º	1.243651619º	228.8261211	59.86804885	1.0058556	Umbral
1000	20225	2705291.124									
1000	20226	2705291.124									
1000	20227	2705291.124									
1000	20228	2705291.124									
1000	20229	2705291.124									
1000	20230	2705469.422	2695-03-22 22:07:21	0.729512016	1.312187984	0.692339051º	1.229008274º	225.4678095	60.99231394	0.993401066	Total
1000	20231	2705469.422									
1000	20232	2705469.422									
1000	20233	2705469.422									

1000	20234	2705469.422									
1000	20235	2705469.422									
1000	20236	2705645.651	2695-09-15 03:38:06	0.752800169	1.288899831	0.764757214º	1.29334309º	230.2657529	56.92826751	1.008592552	Total
1000	20237	2705645.651									
1000	20238	2705645.651									
1000	20239	2705645.651									
1000	20240	2705645.651									
1000	20241	2705823.527	2696-03-11 00:38:48	0.716968443	1.324731557	0.654406882º	1.192592693º	224.1749777	63.45424273	0.990601697	Penumbral
1000	20242	2705823.527									
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1000	20244	2705823.527									
1000	20245	2705823.527									
1000	20246	2705823.527									
1000	20247	2705971.049	2696-08-05 13:10:23	0.756306385	1.285393615	0.773370553º	1.298383701º	232.0317819	56.55135114	1.015456051	Penumbral
1000	20248	2705971.049									
1000	20249	2705971.049									
1000	20250	2705971.049									
1000	20251	2705971.049									
1000	20252	2706000.346	2696-09-03 20:18:28	0.75760419	1.28409581	0.782353178º	1.309696425º	231.0078729	56.00210489	1.010969194	Umbral
1000	20253	2706147.771	2697-01-29 06:30:52	0.722863758	1.318836242	0.676706389º	1.218491895º	223.1091987	61.83749015	0.984020009	Penumbral
1000	20254	2706147.771									
1000	20255	2706147.771									
1000	20256	2706147.771									
1000	20257	2706147.771									
1000	20258	2706177.5	2697-02-28 00:00:24	0.717813412	1.323886588	0.658330325º	1.197860836º	223.7312323	63.13963759	0.988132768	Grazing
1000	20259	2706325.64	2697-07-26 03:21:24	0.744442409	1.297257591	0.727368142º	1.251998362º	231.6137515	59.19694065	1.016197233	Umbral
1000	20260	2706325.64									
1000	20261	2706325.64									
1000	20262	2706325.64									
1000	20263	2706325.64									
1000	20264	2706355.015	2697-08-24 12:21:09	0.750585443	1.291114557	0.753025732º	1.27932948º	231.1170336	57.65046286	1.012965953	Grazing
1000	20265	2706502.08	2698-01-18 13:54:47	0.738680453	1.303019547	0.730219907º	1.2722552º	223.9043219	58.51688803	0.98356654	Umbral
1000	20266	2706502.08									
1000	20267	2706502.08									
1000	20268	2706502.08									
1000	20269	2706679.952	2698-07-15 10:50:42	0.729904644	1.311795356	0.677389578º	1.201929994º	230.8451759	62.35606304	1.016371211	Total
1000	20270	2706679.952									
1000	20271	2706679.952									
1000	20272	2706679.952									
1000	20273	2706679.952									
1000	20274	2706679.952									
1000	20275	2706856.648	2699-01-08 03:32:34	0.749841307	1.291858693	0.771896467º	1.313842405º	224.5328543	56.17551995	0.983728709	Total
1000	20276	2706856.648									
1000	20277	2706856.648									

1000	20278	2706856.648									
1000	20279	2706856.648									
1000	20280	2706856.648									
1000	20281	2707034.01	2699-07-04 12:13:59	0.723615547	1.318084453	0.657680641º	1.182422278º	230.4136289	63.68842602	1.015981466	Umbral
1000	20282	2707034.01									
1000	20283	2707034.01									
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1000	20285	2707034.01									
1000	20286	2707034.01									
1000	20287	2707181.844	2699-11-29 08:15:08	0.745041014	1.296658986	0.749845145º	1.288960483º	225.3871391	57.47095862	0.988893731	Grazing
1000	20288	2707181.844									
1000	20289	2707181.844									
1000	20290	2707181.844									
1000	20291	2707181.844									
1000	20292	2707211.302	2699-12-28 19:15:05	0.749224334	1.292475666	0.769064189º	1.310647941º	224.6308094	56.33859063	0.98438658	Umbral
1000	20293	2707358.564	2700-05-25 01:31:30	0.736538489	1.305161511	0.704158877º	1.231965839º	229.6997137	60.52311885	1.010080989	Penumbral
1000	20294	2707358.564									
1000	20295	2707358.564									
1000	20296	2707358.564									
1000	20297	2707388.082	2700-06-23 13:58:45	0.730699169	1.311000831	0.680880649º	1.206106672º	230.5836937	62.10226369	1.015044485	Penumbral
1000	20298	2707536.275	2700-11-18 18:35:26	0.730422916	1.311277084	0.696533014º	1.234318659º	225.1142923	60.69167227	0.991338803	Penumbral
1000	20299	2707536.275									
1000	20300	2707536.275									
1000	20301	2707536.275									
1000	20302	2707536.275									
1000	20303	2707565.849	2700-12-18 08:21:59	0.737344721	1.304355279	0.724204655º	1.265131761º	224.2396688	58.90399205	0.985581554	Grazing
1000	20304	2707713.04	2701-05-14 12:57:55	0.750372262	1.291327738	0.756348579º	1.28546671º	229.8500195	57.38347905	1.007577981	Umbral
1000	20305	2707713.04									
1000	20306	2707713.04									
1000	20307	2707713.04									
1000	20308	2707713.04									
1000	20309	2707890.406	2701-11-07 21:45:04	0.718664161	1.323035839	0.657217842º	1.193479316º	225.0721453	63.32653546	0.994156402	Umbral
1000	20310	2707890.406									
1000	20311	2707890.406									
1000	20312	2707890.406									
1000	20313	2707890.406									
1000	20314	2707890.406									
1000	20315	2708067.71	2702-05-04 05:02:30	0.756213358	1.285486642	0.781514378º	1.312061041º	229.5254015	55.96198372	1.00486501	Total
1000	20316	2708067.71									
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1000	20318	2708067.71									
1000	20319	2708067.71									
1000	20320	2708067.71									
1000	20321	2708244.39	2702-10-27 21:21:26	0.719696161	1.322003839	0.65853199º	1.193140488º	225.7796097	63.29257718	0.997230271	Total

1000	20322	2708244.39									
1000	20323	2708244.39									
1000	20324	2708244.39									
1000	20325	2708244.39									
1000	20326	2708422.384	2703-04-23 21:12:59	0.75000957	1.29169043	0.759087414º	1.291189918º	228.569971	57.14686793	1.001926836	Umbral
1000	20327	2708422.384									
1000	20328	2708422.384									
1000	20329	2708422.384									
1000	20330	2708422.384									
1000	20331	2708422.384									
1000	20332	2708569.051	2703-09-17 13:13:43	0.743474331	1.298225669	0.729930458º	1.258701884º	229.6662645	58.92160146	1.008238629	Grazing
1000	20333	2708569.051									
1000	20334	2708569.051									
1000	20335	2708569.051									
1000	20336	2708569.051									
1000	20337	2708598.54	2703-10-17 00:57:00	0.733214215	1.308485785	0.699836765º	1.232767802º	227.257419	60.63509535	1.000369167	Umbral
1000	20338	2708747.269	2704-03-13 18:27:20	0.724541612	1.317158388	0.677740538º	1.215703635º	224.6725023	61.89377877	0.991011802	Penumbral
1000	20339	2708747.269									
1000	20340	2708747.269									
1000	20341	2708747.269									
1000	20342	2708747.269									
1000	20343	2708776.871	2704-04-12 08:54:01	0.734750984	1.306949016	0.706130328º	1.239852541º	226.9993553	60.21745672	0.998886247	Grazing
1000	20344	2708923.646	2704-09-06 03:30:04	0.75571772	1.28598228	0.774769572º	1.302269138º	230.8848293	56.40777176	1.010669603	Penumbral
1000	20345	2708923.646									
1000	20346	2708923.646									
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1000	20348	2708923.646									
1000	20349	2709101.304	2705-03-02 19:18:02	0.71523779	1.32646221	0.65045183º	1.189764656º	223.6374175	63.6891005	0.988531613	Umbral
1000	20350	2709101.304									
1000	20351	2709101.304									
1000	20352	2709101.304									
1000	20353	2709101.304									
1000	20354	2709278.355	2705-08-26 20:31:37	0.757045592	1.284654408	0.778597001º	1.305028259º	231.409964	56.2288031	1.012720595	Total
1000	20355	2709278.355									
1000	20356	2709278.355									
1000	20357	2709278.355									
1000	20358	2709278.355									
1000	20359	2709278.355									
1000	20360	2709455.297	2706-02-19 19:07:52	0.720370252	1.321329748	0.667352972º	1.20779308º	223.4893787	62.50004186	0.986469675	Total
1000	20361	2709455.297									
1000	20362	2709455.297									
1000	20363	2709455.297									
1000	20364	2709455.297									
1000	20365	2709455.297									

1000	20366	2709632.984	2706-08-16 11:37:18	0.747187632	1.294512368	0.73894577º	1.264530857º	231.3050771	58.48317271	1.014351037	Total
1000	20367	2709632.984									
1000	20368	2709632.984									
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1000	20370	2709632.984									
1000	20371	2709632.984									
1000	20372	2709809.536	2707-02-09 00:51:08	0.735263706	1.306436294	0.717254459º	1.258531579º	224.0072123	59.30903813	0.984944232	Umbral
1000	20373	2709809.536									
1000	20374	2709809.536									
1000	20375	2709809.536									
1000	20376	2709809.536									
1000	20377	2709957.803	2707-07-07 07:16:03	0.726806703	1.314893297	0.667608089º	1.192297413º	230.6163857	63.00861866	1.016082762	Penumbral
1000	20378	2709957.803									
1000	20379	2709957.803									
1000	20380	2709957.803									
1000	20381	2709957.803									
1000	20382	2709987.36	2707-08-05 20:39:06	0.7325237	1.3091763	0.686581394º	1.211543729º	230.7903846	61.73689103	1.01555434	Penumbral
1000	20383	2710134.611	2707-12-31 02:39:56	0.751096217	1.290603783	0.776480113º	1.318145525º	224.7047611	55.93657935	0.984238178	Penumbral
1000	20384	2710134.611									
1000	20385	2710134.611									
1000	20386	2710134.611									
1000	20387	2710134.611									
1000	20388	2710164.058	2708-01-29 13:23:31	0.748189764	1.293510236	0.765261965º	1.307090839º	224.5046208	56.53917844	0.983941247	Penumbral
1000	20389	2710311.831	2708-06-25 07:56:51	0.72414769	1.31755231	0.659897111º	1.185014136º	230.2552289	63.52213695	1.015255175	Umbral
1000	20390	2710311.831									
1000	20391	2710311.831									
1000	20392	2710311.831									
1000	20393	2710311.831									
1000	20394	2710489.256	2708-12-19 18:08:45	0.746922711	1.294777289	0.759383831º	1.3004205º	224.7441743	56.88421206	0.985381968	Umbral
1000	20395	2710489.256									
1000	20396	2710489.256									
1000	20397	2710489.256									
1000	20398	2710489.256									
1000	20399	2710489.256									
1000	20400	2710665.96	2709-06-14 11:02:42	0.734249495	1.307450505	0.693613333º	1.21944635º	230.4719126	61.25402088	1.013872771	Total
1000	20401	2710665.96									
1000	20402	2710665.96									
1000	20403	2710665.96									
1000	20404	2710665.96									
1000	20405	2710843.741	2709-12-09 05:46:26	0.73308398	1.30861602	0.708365689º	1.248478875º	224.333023	59.88419889	0.987066771	Total
1000	20406	2710843.741									
1000	20407	2710843.741									
1000	20408	2710843.741									
1000	20409	2710843.741									

1000	20410	2710843.741									
1000	20411	2711020.382	2710-06-03 21:09:35	0.748721383	1.292978617	0.746542979º	1.273340612º	230.8231024	58.00736407	1.012016274	Umbral
1000	20412	2711020.382									
1000	20413	2711020.382									
1000	20414	2711020.382									
1000	20415	2711020.382									
1000	20416	2711020.382									
1000	20417	2711168.196	2710-10-29 16:42:48	0.717945822	1.323754178	0.653335034º	1.188201455º	225.6172313	63.64192361	0.996749388	Grazing
1000	20418	2711168.196									
1000	20419	2711168.196									
1000	20420	2711168.196									
1000	20421	2711168.196									
1000	20422	2711197.93	2710-11-28 10:19:47	0.719283405	1.322416595	0.662233936º	1.201152543º	224.0312726	62.89501432	0.989254725	Umbral
1000	20423	2711345.708	2711-04-25 04:59:36	0.755248688	1.286451312	0.779562961º	1.3114977º	228.8977888	56.0297742	1.00224283	Penumbral
1000	20424	2711345.708									
1000	20425	2711345.708									
1000	20426	2711345.708									
1000	20427	2711345.708									
1000	20428	2711375.033	2711-05-24 12:47:04	0.756993583	1.284706417	0.78076711º	1.308739093º	230.7092401	56.0705766	1.009765281	Penumbral
1000	20429	2711522.201	2711-10-18 16:49:16	0.723143278	1.318556722	0.667488797º	1.200649055º	226.56884	62.73287041	0.999939078	Penumbral
1000	20430	2711522.201									
1000	20431	2711522.201									
1000	20432	2711522.201									
1000	20433	2711551.912	2711-11-17 09:53:55	0.716724715	1.324975285	0.652848224º	1.190335128º	224.4463551	63.58574126	0.991889801	Grazing
1000	20434	2711700.345	2712-04-13 20:17:09	0.745797556	1.295902444	0.745052014º	1.278571374º	227.752479	57.90167729	0.999266041	Total
1000	20435	2711700.345									
1000	20436	2711700.345									
1000	20437	2711700.345									
1000	20438	2711700.345									
1000	20439	2711876.439	2712-10-06 22:31:57	0.738499416	1.303200584	0.716098532º	1.247615111º	228.1663639	59.67182575	1.003031325	Umbral
1000	20440	2711876.439									
1000	20441	2711876.439									
1000	20442	2711876.439									
1000	20443	2711876.439									
1000	20444	2711876.439									
1000	20445	2712054.748	2713-04-03 05:57:13	0.729486666	1.312213334	0.690324877º	1.225453627º	226.1021005	61.16959608	0.996260765	Total
1000	20446	2712054.748									
1000	20447	2712054.748									
1000	20448	2712054.748									
1000	20449	2712054.748									
1000	20450	2712054.748									
1000	20451	2712230.975	2713-09-26 11:24:35	0.75267671	1.28902329	0.766373788º	1.296372006º	229.6326491	56.80012835	1.005904849	Total
1000	20452	2712230.975									
1000	20453	2712230.975									

1000	20454	2712230.975									
1000	20455	2712230.975									
1000	20456	2712230.975									
1000	20457	2712408.845	2714-03-23 08:16:56	0.717458544	1.324241456	0.654236299º	1.190973973º	224.7805691	63.51547739	0.993274375	Total Penumbral
1000	20458	2712408.845									
1000	20459	2712408.845									
1000	20460	2712408.845									
1000	20461	2712408.845									
1000	20462	2712556.36	2714-08-17 20:39:05	0.755491135	1.286208865	0.771118457º	1.296808386º	231.6879313	56.65642073	1.014148737	Grazing
1000	20463	2712556.36									
1000	20464	2712556.36									
1000	20465	2712556.36									
1000	20466	2712556.36									
1000	20467	2712585.669	2714-09-16 04:03:14	0.756873903	1.284826097	0.781296526º	1.309919997º	230.4072777	56.02477738	1.008520823	Umbral
1000	20468	2712733.114	2715-02-10 14:44:11	0.723893784	1.317806216	0.679340568º	1.220517385º	223.3900947	61.68526161	0.985126784	Penumbral
1000	20469	2712733.114									
1000	20470	2712733.114									
1000	20471	2712733.114									
1000	20472	2712733.114									
1000	20473	2712762.826	2715-03-12 07:49:14	0.718970612	1.322729388	0.660439486º	1.19868464º	224.2956536	63.03937305	0.990492481	Grazing
1000	20474	2712910.936	2715-08-07 10:28:01	0.743299807	1.298400193	0.723814386º	1.248861697º	231.3673246	59.39829414	1.015389978	Umbral
1000	20475	2712910.936									
1000	20476	2712910.936									
1000	20477	2712910.936									
1000	20478	2712910.936									
1000	20479	2712940.325	2715-09-05 19:48:34	0.749282839	1.292417161	0.74963873º	1.277024383º	230.5647941	57.81303112	1.010887906	Grazing
1000	20480	2713087.439	2716-01-30 22:32:34	0.739561041	1.302138959	0.733063853º	1.274824419º	224.0538268	58.3586821	0.984065308	Umbral
1000	20481	2713087.439									
1000	20482	2713087.439									
1000	20483	2713087.439									
1000	20484	2713087.439									
1000	20485	2713265.228	2716-07-26 17:28:37	0.729121578	1.312578422	0.674999251º	1.199637217º	230.7545208	62.51225249	1.01618223	Total
1000	20486	2713265.228									
1000	20487	2713265.228									
1000	20488	2713265.228									
1000	20489	2713265.228									
1000	20490	2713442.016	2717-01-19 12:23:29	0.750087166	1.291612834	0.772932091º	1.31494884º	224.5226423	56.11777339	0.983600191	Total
1000	20491	2713442.016									
1000	20492	2713442.016									
1000	20493	2713442.016									
1000	20494	2713442.016									
1000	20495	2713442.016									
1000	20496	2713619.278	2717-07-15 18:39:53	0.723799006	1.317900994	0.658004891º	1.182542016º	230.5106659	63.6729591	1.016377588	Umbral
1000	20497	2713619.278									

1000	20498	2713619.278									
1000	20499	2713619.278									
1000	20500	2713619.278									
1000	20501	2713619.278									
1000	20502	2713767.199	2717-12-10 16:46:50	0.743869305	1.297830695	0.746869442º	1.287124683º	224.8893415	57.60752007	0.98680723	Grazing
1000	20503	2713767.199									
1000	20504	2713767.199									
1000	20505	2713767.199									
1000	20506	2713767.199									
1000	20507	2713796.669	2718-01-09 04:03:39	0.748691564	1.293008436	0.767442057º	1.309403945º	224.4651093	56.41661139	0.983699756	Umbral
1000	20508	2713943.861	2718-06-05 08:40:05	0.738083048	1.303616952	0.707907115º	1.234569772º	230.2954513	60.32440061	1.012275639	Penumbral
1000	20509	2713943.861									
1000	20510	2713943.861									
1000	20511	2713943.861									
1000	20512	2713943.861									
1000	20513	2713973.363	2718-07-04 20:42:33	0.731773407	1.309926593	0.683751007º	1.208498406º	230.8611147	61.92899861	1.015970309	Penumbral
1000	20514	2714121.611	2718-11-30 02:39:43	0.728918601	1.312781399	0.693124015º	1.232245971º	224.5055946	60.86527904	0.988881592	Penumbral
1000	20515	2714121.611									
1000	20516	2714121.611									
1000	20517	2714121.611									
1000	20518	2714151.203	2718-12-29 16:52:56	0.736226763	1.305473237	0.721073676º	1.262671419º	223.9209954	59.07059801	0.98436115	Grazing
1000	20519	2714298.358	2719-05-25 20:35:54	0.751699264	1.290000736	0.759528664º	1.287341503º	230.5049372	57.24111211	1.010069742	Umbral
1000	20520	2714298.358									
1000	20521	2714298.358									
1000	20522	2714298.358									
1000	20523	2714298.358									
1000	20524	2714475.723	2719-11-19 05:21:26	0.717487071	1.324212929	0.655356508º	1.193080416º	224.4108619	63.40462818	0.991452621	Umbral
1000	20525	2714475.723									
1000	20526	2714475.723									
1000	20527	2714475.723									
1000	20528	2714475.723									
1000	20529	2714475.723									
1000	20530	2714653.039	2720-05-14 12:56:13	0.756911581	1.284788419	0.782148951º	1.311258166º	230.2017462	55.96614124	1.007594959	Total
1000	20531	2714653.039									
1000	20532	2714653.039									
1000	20533	2714653.039									
1000	20534	2714653.039									
1000	20535	2714653.039									
1000	20536	2714829.702	2720-11-07 04:50:39	0.719250876	1.322449124	0.659057955º	1.195221749º	225.1054279	63.20384184	0.994337522	Total
1000	20537	2714829.702									
1000	20538	2714829.702									
1000	20539	2714829.702									
1000	20540	2714829.702									
1000	20541	2714829.702									

1000	20542	2715007.713	2721-05-04 05:06:50	0.750120494	1.291579506	0.757273486º	1.28781604º	229.2513604	57.29176363	1.004872793	Umbral
1000	20543	2715007.713									
1000	20544	2715007.713									
1000	20545	2715007.713									
1000	20546	2715007.713									
1000	20547	2715154.366	2721-09-27 20:47:45	0.74361051	1.29808949	0.732462468º	1.262644402º	229.0421199	58.73032348	1.005556288	Grazing
1000	20548	2715154.366									
1000	20549	2715154.366									
1000	20550	2715154.366									
1000	20551	2715154.366									
1000	20552	2715183.861	2721-10-27 08:40:09	0.733248839	1.308451161	0.702039595º	1.23657189º	226.5825157	60.44721475	0.997372438	Umbral
1000	20553	2715332.595	2722-03-25 02:17:23	0.724576344	1.317123656	0.676107906º	1.212622928º	225.2615145	62.0481889	0.993686583	Penumbral
1000	20554	2715332.595									
1000	20555	2715332.595									
1000	20556	2715332.595									
1000	20557	2715332.595									
1000	20558	2715362.19	2722-04-23 16:34:13	0.734703223	1.306996777	0.703849088º	1.235971878º	227.679608	60.40874766	1.00188864	Grazing
1000	20559	2715508.968	2722-09-17 11:13:59	0.755489367	1.286210633	0.7757998º	1.304570757º	230.3001604	56.31754586	1.008239524	Penumbral
1000	20560	2715508.968									
1000	20561	2715508.968									
1000	20562	2715508.968									
1000	20563	2715508.968									
1000	20564	2715538.33	2722-10-16 19:55:23	0.748858896	1.292841104	0.755763875º	1.28867805º	228.174625	57.31056094	1.000400821	Penumbral
1000	20565	2715686.626	2723-03-14 03:01:05	0.715874919	1.325825081	0.650897732º	1.188927621º	224.1852413	63.70226902	0.990888776	Umbral
1000	20566	2715686.626									
1000	20567	2715686.626									
1000	20568	2715686.626									
1000	20569	2715686.626									
1000	20570	2715863.674	2723-09-07 04:10:07	0.756182716	1.285517284	0.776794526º	1.304303846º	230.872795	56.2974942	1.010650916	Total
1000	20571	2715863.674									
1000	20572	2715863.674									
1000	20573	2715863.674									
1000	20574	2715863.674									
1000	20575	2716040.63	2724-03-02 03:07:38	0.721576774	1.320123226	0.669879948º	1.209261288º	223.9781439	62.36650255	0.988406048	Total
1000	20576	2716040.63									
1000	20577	2716040.63									
1000	20578	2716040.63									
1000	20579	2716040.63									
1000	20580	2716040.63									
1000	20581	2716218.288	2724-08-26 18:54:53	0.745859209	1.295840791	0.735336399º	1.26176074º	230.8338249	58.67064744	1.012733903	Total
1000	20582	2716218.288									
1000	20583	2716218.288									
1000	20584	2716218.288									
1000	20585	2716218.288									

1000	20586	2716218.288									
1000	20587	2716394.888	2725-02-19 09:18:43	0.736470557	1.305229443	0.720471374º	1.260948186º	224.3907195	59.13978811	0.986402683	Umbral
1000	20588	2716394.888									
1000	20589	2716394.888									
1000	20590	2716394.888									
1000	20591	2716394.888									
1000	20592	2716394.888									
1000	20593	2716543.075	2725-07-17 13:48:05	0.726355382	1.315344618	0.665970981º	1.190517467º	230.6607924	63.12483814	1.016359449	Grazing
1000	20594	2716543.075									
1000	20595	2716543.075									
1000	20596	2716543.075									
1000	20597	2716543.075									
1000	20598	2716719.98	2726-01-10 11:31:07	0.751038521	1.290661479	0.776685131º	1.318667392º	224.5748721	55.91720829	0.98366278	Penumbral
1000	20599	2716719.98									
1000	20600	2716719.98									
1000	20601	2716719.98									
1000	20602	2716719.98									
1000	20603	2716749.424	2726-02-08 22:10:21	0.748836656	1.292863344	0.767114797º	1.308395773º	224.7389718	56.45282462	0.984937216	Penumbral
1000	20604	2716897.101	2726-07-06 14:26:06	0.724722262	1.316977738	0.661096309º	1.185805379º	230.4860056	63.45337722	1.016044526	Umbral
1000	20605	2716897.101									
1000	20606	2716897.101									
1000	20607	2716897.101									
1000	20608	2716897.101									
1000	20609	2716926.725	2726-08-05 05:24:37	0.723563641	1.318136359	0.657765816º	1.182716449º	230.3229949	63.67533201	1.015576979	Grazing
1000	20610	2717074.62	2726-12-31 02:52:11	0.746105913	1.295594087	0.757069341º	1.298712732º	224.4612108	56.9959198	0.984278193	Umbral
1000	20611	2717074.62									
1000	20612	2717074.62									
1000	20613	2717074.62									
1000	20614	2717074.62									
1000	20615	2717251.248	2727-06-25 17:56:44	0.735545521	1.306154479	0.696977209º	1.222141289º	230.8675247	61.05997452	1.01516421	Total
1000	20616	2717251.248									
1000	20617	2717251.248									
1000	20618	2717251.248									
1000	20619	2717251.248									
1000	20620	2717251.248									
1000	20621	2717429.089	2727-12-20 14:07:27	0.731803813	1.309896187	0.705108948º	1.246113606º	223.9081833	60.05741385	0.985440273	Total
1000	20622	2717429.089									
1000	20623	2717429.089									
1000	20624	2717429.089									
1000	20625	2717429.089									
1000	20626	2717605.69	2728-06-14 04:33:27	0.749999573	1.291700427	0.749960131º	1.275828488º	231.3242628	57.83764852	1.013804636	Umbral
1000	20627	2717605.69									
1000	20628	2717605.69									
1000	20629	2717605.69									

1000	20630	2717605.69									
1000	20631	2717605.69									
1000	20632	2717753.506	2728-11-09 00:09:14	0.716927219	1.324772781	0.652096898º	1.188523481º	224.919347	63.67417492	0.993850408	Grazing
1000	20633	2717753.506									
1000	20634	2717753.506									
1000	20635	2717753.506									
1000	20636	2717753.506									
1000	20637	2717783.259	2728-12-08 18:13:14	0.71814917	1.32355083	0.660057859º	1.200138368º	223.5147479	63.00351683	0.98712649	Umbral
1000	20638	2717931.041	2729-05-05 12:59:05	0.755780926	1.285919074	0.779429598º	1.30979446º	229.5971938	56.07875305	1.005209463	Penumbral
1000	20639	2717931.041									
1000	20640	2717931.041									
1000	20641	2717931.041									
1000	20642	2717931.041									
1000	20643	2717960.353	2729-06-03 20:28:37	0.757726743	1.283973257	0.781982085º	1.308773297º	231.2675842	56.03671232	1.012028609	Penumbral
1000	20644	2718107.511	2729-10-29 00:15:48	0.722875104	1.318824896	0.668628558º	1.203413431º	225.8780631	62.60220853	0.99690138	Penumbral
1000	20645	2718107.511									
1000	20646	2718107.511									
1000	20647	2718107.511									
1000	20648	2718107.511									
1000	20649	2718137.233	2729-11-27 17:35:36	0.716229193	1.325470807	0.652887123º	1.191749919º	223.8789111	63.5359359	0.989357183	Penumbral
1000	20650	2718285.676	2730-04-25 04:12:56	0.745818465	1.295881535	0.742908777º	1.274810786º	228.4376881	58.07106413	1.002304501	Umbral
1000	20651	2718285.676									
1000	20652	2718285.676									
1000	20653	2718285.676									
1000	20654	2718461.76	2730-10-18 06:14:57	0.738567788	1.303132212	0.718479477º	1.251600662º	227.4882905	59.47897605	1.000012366	Umbral
1000	20655	2718461.76									
1000	20656	2718461.76									
1000	20657	2718461.76									
1000	20658	2718461.76									
1000	20659	2718461.76									
1000	20660	2718640.068	2731-04-14 13:37:24	0.729506538	1.312193462	0.688356513º	1.221889158º	226.7736548	61.34673695	0.999241156	Total
1000	20661	2718640.068									
1000	20662	2718640.068									
1000	20663	2718640.068									
1000	20664	2718640.068									
1000	20665	2718640.068									
1000	20666	2718816.305	2731-10-07 19:18:48	0.752467034	1.289232966	0.767797449º	1.299308105º	228.9545667	56.68044122	1.0030425	Total
1000	20667	2718816.305									
1000	20668	2718816.305									
1000	20669	2718816.305									
1000	20670	2718816.305									
1000	20671	2718816.305									
1000	20672	2718994.157	2732-04-02 15:46:20	0.718058824	1.323641176	0.654219269º	1.189435542º	225.4480009	63.56872261	0.996097848	Total Penumbral
1000	20673	2718994.157									

1000	20674	2718994.157									
1000	20675	2718994.157									
1000	20676	2718994.157									
1000	20677	2718994.157									
1000	20678	2719141.674	2732-08-28 04:10:31	0.754520677	1.287179323	0.76866431°	1.29520521°	231.2276894	56.76826265	1.012509716	Grazing
1000	20679	2719141.674									
1000	20680	2719141.674									
1000	20681	2719141.674									
1000	20682	2719170.996	2732-09-26 11:53:55	0.756033935	1.285666065	0.780041768°	1.310038965°	229.7404873	56.05562658	1.005906786	Umbral
1000	20683	2719318.455	2733-02-20 22:54:39	0.725087448	1.316612552	0.682159982°	1.222524397°	223.78908	61.52831973	0.986607858	Penumbral
1000	20684	2719318.455									
1000	20685	2719318.455									
1000	20686	2719318.455									
1000	20687	2719318.455									
1000	20688	2719348.147	2733-03-22 15:31:28	0.72026158	1.32143842	0.662738147°	1.199587285°	224.9407757	62.93030023	0.993068146	Grazing
1000	20689	2719496.233	2733-08-17 17:35:23	0.74201157	1.29968843	0.72017725°	1.245844285°	230.993937	59.5999884	1.014192905	Total Penumbral
1000	20690	2719496.233									
1000	20691	2719496.233									
1000	20692	2719496.233									
1000	20693	2719496.233									
1000	20694	2719525.639	2733-09-16 03:20:14	0.747866062	1.293833938	0.746137063°	1.274755302°	229.9268819	57.97882006	1.008530804	Grazing
1000	20695	2719672.798	2734-02-10 07:08:58	0.74056891	1.30113109	0.736010085°	1.277210971°	224.326318	58.20358335	0.985082974	Umbral
1000	20696	2719672.798									
1000	20697	2719672.798									
1000	20698	2719672.798									
1000	20699	2719672.798									
1000	20700	2719850.504	2734-08-07 00:06:16	0.728214958	1.313485042	0.672599683°	1.197615531°	230.5303658	62.66051621	1.015450828	Total
1000	20701	2719850.504									
1000	20702	2719850.504									
1000	20703	2719850.504									
1000	20704	2719850.504									
1000	20705	2719850.504									
1000	20706	2720027.385	2735-01-30 21:14:04	0.750437554	1.291262446	0.773990254°	1.315733046°	224.6388709	56.06811869	0.984097592	Total
1000	20707	2720027.385									
1000	20708	2720027.385									
1000	20709	2720027.385									
1000	20710	2720027.385									
1000	20711	2720204.546	2735-07-27 01:05:46	0.723869351	1.317830649	0.658342029°	1.182980927°	230.4720647	63.6460878	1.016180424	Umbral
1000	20712	2720204.546									
1000	20713	2720204.546									
1000	20714	2720204.546									
1000	20715	2720204.546									
1000	20716	2720204.546									
1000	20717	2720382.037	2736-01-20 12:52:55	0.748266268	1.293433732	0.765857135°	1.30785735°	224.4251817	56.50201049	0.983630197	Umbral

1000	20718	2720382.037									
1000	20719	2720382.037									
1000	20720	2720382.037									
1000	20721	2720382.037									
1000	20722	2720382.037									
1000	20723	2720529.156	2736-06-15 15:45:20	0.739521961	1.302178039	0.711591298º	1.237375143º	230.7935806	60.1228097	1.01396759	Penumbral
1000	20724	2720529.156									
1000	20725	2720529.156									
1000	20726	2720529.156									
1000	20727	2720529.156									
1000	20728	2720558.643	2736-07-15 03:26:25	0.732719626	1.308980374	0.686585939º	1.211148058º	231.006837	61.74952704	1.016329159	Penumbral
1000	20729	2720706.951	2736-12-10 10:49:17	0.727535059	1.314164941	0.689910961º	1.230134603º	223.9878685	61.03480171	0.986864951	Penumbral
1000	20730	2720706.951									
1000	20731	2720706.951									
1000	20732	2720706.951									
1000	20733	2720706.951									
1000	20734	2720736.559	2737-01-09 01:25:39	0.735243723	1.306456277	0.718089817º	1.260048089º	223.7240043	59.23854058	0.983706321	Penumbral
1000	20735	2720883.673	2737-06-05 04:09:11	0.752913342	1.288786658	0.762549951º	1.289234814º	231.0801212	57.10340777	1.01223296	Umbral
1000	20736	2720883.673									
1000	20737	2720883.673									
1000	20738	2720883.673									
1000	20739	2721061.045	2737-11-29 13:04:57	0.716440844	1.325259156	0.653704386º	1.192751869º	223.8248642	63.4732335	0.989018213	Umbral
1000	20740	2721061.045									
1000	20741	2721061.045									
1000	20742	2721061.045									
1000	20743	2721061.045									
1000	20744	2721061.045									
1000	20745	2721238.364	2738-05-25 20:43:31	0.757505461	1.284194539	0.782556879º	1.310360133º	230.8183522	55.97895638	1.010088085	Total
1000	20746	2721238.364									
1000	20747	2721238.364									
1000	20748	2721238.364									
1000	20749	2721238.364									
1000	20750	2721238.364									
1000	20751	2721415.02	2738-11-18 12:29:02	0.718901175	1.322798825	0.659726266º	1.197361129º	224.4861833	63.10849831	0.991616829	Total
1000	20752	2721415.02									
1000	20753	2721415.02									
1000	20754	2721415.02									
1000	20755	2721415.02									
1000	20756	2721415.02									
1000	20757	2721593.036	2739-05-15 12:52:30	0.750156351	1.291543649	0.755275841º	1.284378566º	229.8952872	57.4444073	1.00760732	Umbral
1000	20758	2721593.036									
1000	20759	2721593.036									
1000	20760	2721593.036									
1000	20761	2721593.036									

1000	20762	2721593.036									
1000	20763	2721739.688	2739-10-09 04:30:30	0.7436785	1.2980215	0.73486238º	1.266584512º	228.3769009	58.54426158	1.002643572	Grazing
1000	20764	2721739.688									
1000	20765	2721739.688									
1000	20766	2721739.688									
1000	20767	2721769.19	2739-11-07 16:32:56	0.733309769	1.308390231	0.704247304º	1.240349819º	225.9365196	60.26114727	0.994451179	Umbral
1000	20768	2721917.915	2740-04-04 09:58:07	0.724693183	1.317006817	0.674579803º	1.209538719º	225.9085698	62.19999509	0.996577049	Penumbral
1000	20769	2721917.915									
1000	20770	2721917.915									
1000	20771	2721917.915									
1000	20772	2721917.915									
1000	20773	2721947.503	2740-05-04 00:04:47	0.73463786	1.30706214	0.701540039º	1.232108689º	228.350337	60.60159563	1.004823368	Grazing
1000	20774	2722094.295	2740-09-27 19:04:44	0.755151881	1.286548119	0.776597952º	1.306788267º	229.6504578	56.23619709	1.005540392	Penumbral
1000	20775	2722094.295									
1000	20776	2722094.295									
1000	20777	2722094.295									
1000	20778	2722094.295									
1000	20779	2722123.667	2740-10-27 04:01:04	0.748727991	1.292972009	0.757514332º	1.292039288º	227.4871851	57.16771097	0.997386131	Penumbral
1000	20780	2722271.942	2741-03-24 10:36:26	0.716649113	1.325050887	0.651553543º	1.188138544º	224.8124699	63.70643762	0.993556989	Umbral
1000	20781	2722271.942									
1000	20782	2722271.942									
1000	20783	2722271.942									
1000	20784	2722271.942									
1000	20785	2722448.996	2741-09-17 11:53:32	0.755194466	1.286505534	0.774760024º	1.303550725º	230.2512996	56.37349097	1.008201878	Total
1000	20786	2722448.996									
1000	20787	2722448.996									
1000	20788	2722448.996									
1000	20789	2722448.996									
1000	20790	2722448.996									
1000	20791	2722625.96	2742-03-13 11:01:59	0.722927184	1.318772816	0.672639495º	1.210727274º	224.5619854	62.22583083	0.990782171	Total
1000	20792	2722625.96									
1000	20793	2722625.96									
1000	20794	2722625.96									
1000	20795	2722625.96									
1000	20796	2722803.594	2742-09-07 02:15:39	0.744406661	1.297293339	0.731599501º	1.259114897º	230.2609644	58.85949266	1.010639276	Total
1000	20797	2722803.594									
1000	20798	2722803.594									
1000	20799	2722803.594									
1000	20800	2722803.594									
1000	20801	2722803.594									
1000	20802	2722980.238	2743-03-02 17:42:25	0.737795711	1.303904289	0.723826103º	1.263242636º	224.8807954	58.97096511	0.988341559	Umbral
1000	20803	2722980.238									
1000	20804	2722980.238									
1000	20805	2722980.238									

1000	20806	2722980.238									
1000	20807	2722980.238									
1000	20808	2723128.347	2743-07-28 20:18:58	0.725784535	1.315915465	0.664348216º	1.189018181º	230.5695615	63.23147887	1.016120252	Grazing
1000	20809	2723128.347									
1000	20810	2723128.347									
1000	20811	2723128.347									
1000	20812	2723128.347									
1000	20813	2723157.927	2743-08-27 10:14:54	0.730052579	1.311647421	0.680519564º	1.206919461º	229.977521	62.0877181	1.012780932	Penumbral
1000	20814	2723305.349	2744-01-21 20:23:12	0.751082725	1.290617275	0.776871585º	1.318886077º	224.5712534	55.90638218	0.983604288	Penumbral
1000	20815	2723305.349									
1000	20816	2723305.349									
1000	20817	2723305.349									
1000	20818	2723305.349									
1000	20819	2723482.371	2744-07-16 20:54:38	0.725184433	1.316515567	0.662337641º	1.186875234º	230.5840882	63.37381867	1.01637668	Umbral
1000	20820	2723482.371									
1000	20821	2723482.371									
1000	20822	2723482.371									
1000	20823	2723482.371									
1000	20824	2723511.996	2744-08-15 11:53:44	0.72312881	1.31857119	0.657250841º	1.182763568º	230.0205536	63.69174158	1.014490708	Grazing
1000	20825	2723659.984	2745-01-10 11:37:31	0.745399242	1.296300758	0.754784596º	1.296779518º	224.2999463	57.11346241	0.983639804	Umbral
1000	20826	2723659.984									
1000	20827	2723659.984									
1000	20828	2723659.984									
1000	20829	2723659.984									
1000	20830	2723836.535	2745-07-06 00:49:47	0.736713229	1.304986771	0.700319807º	1.225026818º	231.1388337	60.86184978	1.016048512	Total
1000	20831	2723836.535									
1000	20832	2723836.535									
1000	20833	2723836.535									
1000	20834	2723836.535									
1000	20835	2723836.535									
1000	20836	2724014.439	2745-12-30 22:31:30	0.73066329	1.31103671	0.702016217º	1.243657349º	223.5982969	60.22929561	0.984282296	Total
1000	20837	2724014.439									
1000	20838	2724014.439									
1000	20839	2724014.439									
1000	20840	2724014.439									
1000	20841	2724014.439									
1000	20842	2724190.996	2746-06-25 11:54:51	0.751134498	1.290565502	0.753208193º	1.278387895º	231.7125048	57.67176143	1.015134012	Umbral
1000	20843	2724190.996									
1000	20844	2724190.996									
1000	20845	2724190.996									
1000	20846	2724190.996									
1000	20847	2724338.822	2746-11-20 07:43:53	0.716019013	1.325680987	0.651065943º	1.188920566º	224.2790952	63.69661962	0.991211669	Grazing
1000	20848	2724338.822									
1000	20849	2724338.822									

1000	20850	2724338.822									
1000	20851	2724338.822									
1000	20852	2724368.591	2746-12-20 02:11:38	0.717180318	1.324519682	0.658147676º	1.199105532º	223.1039915	63.10388285	0.985525529	Umbral
1000	20853	2724516.369	2747-05-16 20:51:22	0.75622907	1.28547093	0.779048351º	1.308012383º	230.2568609	56.13666525	1.007871511	Penumbral
1000	20854	2724516.369									
1000	20855	2724516.369									
1000	20856	2724516.369									
1000	20857	2724516.369									
1000	20858	2724545.671	2747-06-15 04:05:39	0.75831812	1.28338188	0.782902153º	1.30879472º	231.7279404	56.01121412	1.013757964	Penumbral
1000	20859	2724692.828	2747-11-09 07:52:04	0.722667699	1.319032301	0.669891099º	1.206205704º	225.2216774	62.46703084	0.994057914	Penumbral
1000	20860	2724692.828									
1000	20861	2724692.828									
1000	20862	2724692.828									
1000	20863	2724692.828									
1000	20864	2724722.559	2747-12-09 01:24:44	0.715882483	1.325817517	0.653160445º	1.19315523º	223.4031138	63.47837697	0.987283196	Penumbral
1000	20865	2724871	2748-05-05 11:59:54	0.74579349	1.29590651	0.74062043º	1.271003885º	229.1075231	58.24702621	1.005174225	Umbral
1000	20866	2724871									
1000	20867	2724871									
1000	20868	2724871									
1000	20869	2724871									
1000	20870	2725047.088	2748-10-28 14:07:26	0.738626265	1.303073735	0.720825255º	1.255529942º	226.8165297	59.29011276	0.997050877	Umbral
1000	20871	2725047.088									
1000	20872	2725047.088									
1000	20873	2725047.088									
1000	20874	2725047.088									
1000	20875	2725225.38	2749-04-24 21:07:47	0.72954583	1.31215417	0.686415095º	1.218353705º	227.458745	61.52309547	1.002235535	Total
1000	20876	2725225.38									
1000	20877	2725225.38									
1000	20878	2725225.38									
1000	20879	2725225.38									
1000	20880	2725225.38									
1000	20881	2725401.64	2749-10-18 03:21:07	0.752195865	1.289504135	0.769027418º	1.302140234º	228.2559903	56.56942706	1.000028064	Total
1000	20882	2725401.64									
1000	20883	2725401.64									
1000	20884	2725401.64									
1000	20885	2725401.64									
1000	20886	2725401.64									
1000	20887	2725579.463	2750-04-13 23:06:38	0.718742728	1.322957272	0.654372669º	1.187974558º	226.1552058	63.61344588	0.999111489	Umbral
1000	20888	2725579.463									
1000	20889	2725579.463									
1000	20890	2725579.463									
1000	20891	2725579.463									
1000	20892	2725579.463									
1000	20893	2725726.99	2750-09-08 11:45:45	0.75341217	1.28828783	0.765963781º	1.293643487º	230.6669776	56.88629202	1.010324581	Grazing

1000	20894	2725726.99									
1000	20895	2725726.99									
1000	20896	2725726.99									
1000	20897	2725726.99									
1000	20898	2725756.327	2750-10-07 19:51:12	0.755108639	1.286591361	0.778553043º	1.310102015º	229.0306352	56.09435506	1.002970199	Umbral
1000	20899	2725903.792	2751-03-04 07:00:56	0.726429143	1.315270857	0.68521972º	1.224465382º	224.2949073	61.36646902	0.988654737	Penumbral
1000	20900	2725903.792									
1000	20901	2725903.792									
1000	20902	2725903.792									
1000	20903	2725933.463	2751-04-02 23:06:31	0.721660374	1.320039626	0.665250137º	1.200552594º	225.6469825	62.81224153	0.995937477	Grazing
1000	20904	2726081.531	2751-08-29 00:44:46	0.740592601	1.301107399	0.716436946º	1.242997893º	230.5056287	59.80105806	1.012471169	Penumbral
1000	20905	2726081.531									
1000	20906	2726081.531									
1000	20907	2726081.531									
1000	20908	2726081.531									
1000	20909	2726110.956	2751-09-27 10:57:04	0.746359238	1.295340762	0.742523016º	1.272548101º	229.2243985	58.14706928	1.00585386	Penumbral
1000	20910	2726258.155	2752-02-21 15:42:33	0.741694197	1.300005803	0.73906129º	1.279416894º	224.7143638	58.05141271	0.986623946	Umbral
1000	20911	2726258.155									
1000	20912	2726258.155									
1000	20913	2726258.155									
1000	20914	2726258.155									
1000	20915	2726435.781	2752-08-17 06:45:10	0.727194501	1.314505499	0.670214945º	1.195859121º	230.17982	62.80011069	1.01423701	Total
1000	20916	2726435.781									
1000	20917	2726435.781									
1000	20918	2726435.781									
1000	20919	2726435.781									
1000	20920	2726435.781									
1000	20921	2726612.752	2753-02-10 06:02:50	0.750888232	1.290811768	0.775038131º	1.316229246º	224.878138	56.02649213	0.985100758	Total
1000	20922	2726612.752									
1000	20923	2726612.752									
1000	20924	2726612.752									
1000	20925	2726612.752									
1000	20926	2726612.752									
1000	20927	2726789.815	2753-08-06 07:33:16	0.723827928	1.317872072	0.658721033º	1.183704912º	230.2995655	63.60799819	1.015512664	Total
1000	20928	2726789.815									
1000	20929	2726789.815									
1000	20930	2726789.815									
1000	20931	2726789.815									
1000	20932	2726967.404	2754-01-30 21:41:20	0.747949364	1.293750636	0.764282923º	1.306033075º	224.511641	56.5949102	0.984084225	Umbral
1000	20933	2726967.404									
1000	20934	2726967.404									
1000	20935	2726967.404									
1000	20936	2726967.404									
1000	20937	2726967.404									

1000	20938	2727114.45	2754-06-26 22:48:32	0.74083571	1.30086429	0.715229629º	1.240334947º	231.178071	59.91928297	1.01527781	Penumbral
1000	20939	2727114.45									
1000	20940	2727114.45									
1000	20941	2727114.45									
1000	20942	2727114.45									
1000	20943	2727143.925	2754-07-26 10:11:50	0.733531238	1.308168762	0.689391456º	1.214023963º	231.0170529	61.56478574	1.016192804	Penumbral
1000	20944	2727292.294	2754-12-21 19:03:05	0.726292198	1.315407802	0.686886538º	1.227985802º	223.5757477	61.20036054	0.985267978	Penumbral
1000	20945	2727292.294									
1000	20946	2727292.294									
1000	20947	2727292.294									
1000	20948	2727292.294									
1000	20949	2727321.916	2755-01-20 09:58:36	0.734402311	1.307297689	0.715248928º	1.25725912º	223.6535234	59.40804032	0.98361209	Penumbral
1000	20950	2727468.985	2755-06-16 11:38:47	0.75399321	1.28770679	0.76537613º	1.291156825º	231.5563046	56.97104098	1.013973663	Umbral
1000	20951	2727468.985									
1000	20952	2727468.985									
1000	20953	2727468.985									
1000	20954	2727468.985									
1000	20955	2727646.371	2755-12-10 20:54:49	0.715548939	1.326151061	0.65228318º	1.192461145º	223.3319643	63.53264587	0.9869484	Umbral
1000	20956	2727646.371									
1000	20957	2727646.371									
1000	20958	2727646.371									
1000	20959	2727646.371									
1000	20960	2727823.684	2756-06-05 04:25:12	0.757972855	1.283727145	0.782716966º	1.309384093º	231.3533502	56.00055893	1.012267047	Total
1000	20961	2727823.684									
1000	20962	2727823.684									
1000	20963	2727823.684									
1000	20964	2727823.684									
1000	20965	2727823.684									
1000	20966	2728000.344	2756-11-28 20:15:59	0.718671522	1.323028478	0.660555793º	1.199525491º	223.9423924	63.00707581	0.989160949	Total
1000	20967	2728000.344									
1000	20968	2728000.344									
1000	20969	2728000.344									
1000	20970	2728000.344									
1000	20971	2728000.344									
1000	20972	2728178.355	2757-05-25 20:30:32	0.75009386	1.29160614	0.753102275º	1.280888377º	230.4780373	57.60438771	1.01012091	Umbral
1000	20973	2728178.355									
1000	20974	2728178.355									
1000	20975	2728178.355									
1000	20976	2728178.355									
1000	20977	2728178.355									
1000	20978	2728325.015	2757-10-19 12:22:18	0.743702821	1.297997179	0.737161105º	1.270468036º	227.6951018	58.36398392	0.99966407	Grazing
1000	20979	2728325.015									
1000	20980	2728325.015									
1000	20981	2728325.015									

1000	20982	2728325.015									
1000	20983	2728354.524	2757-11-18 00:34:58	0.733421851	1.308278149	0.706481134º	1.244063326º	225.3420804	60.07737891	0.991713984	Umbral
1000	20984	2728503.229	2758-04-15 17:29:09	0.724866824	1.316833176	0.673128614º	1.206495554º	226.5913545	62.34861232	0.9995516	Penumbral
1000	20985	2728503.229									
1000	20986	2728503.229									
1000	20987	2728503.229									
1000	20988	2728532.81	2758-05-15 07:26:05	0.734529925	1.307170075	0.699182226º	1.2283094º	228.9869833	60.79523296	1.00756076	Penumbral
1000	20989	2728679.627	2758-10-09 03:02:54	0.754728789	1.286971211	0.777179901º	1.308899033º	228.9592125	56.16382271	1.00264923	Penumbral
1000	20990	2728679.627									
1000	20991	2728679.627									
1000	20992	2728679.627									
1000	20993	2728679.627									
1000	20994	2728709.011	2758-11-07 12:15:17	0.748588533	1.293111467	0.759155567º	1.295241711º	226.8251859	57.03301592	0.994481546	Penumbral
1000	20995	2728857.252	2759-04-04 18:03:28	0.71753511	1.32416489	0.652383692º	1.187445588º	225.4990346	63.70119226	0.996385244	Umbral
1000	20996	2728857.252									
1000	20997	2728857.252									
1000	20998	2728857.252									
1000	20999	2728857.252									
1000	21000	2729034.321	2759-09-28 19:42:42	0.75410369	1.28759631	0.772549375º	1.302731039º	229.5669185	56.45633728	1.005556802	Umbral
1000	21001	2729034.321									
1000	21002	2729034.321									
1000	21003	2729034.321									
1000	21004	2729034.321									
1000	21005	2729034.321									
1000	21006	2729211.285	2760-03-23 18:50:04	0.724398206	1.317301794	0.675574845º	1.212256247º	225.2236816	62.07788553	0.993378521	Total
1000	21007	2729211.285									
1000	21008	2729211.285									
1000	21009	2729211.285									
1000	21010	2729211.285									
1000	21011	2729211.285									
1000	21012	2729388.903	2760-09-17 09:40:40	0.742852001	1.298847999	0.727795452º	1.256561682º	229.6053287	59.04884129	1.008248536	Total
1000	21013	2729388.903									
1000	21014	2729388.903									
1000	21015	2729388.903									
1000	21016	2729388.903									
1000	21017	2729565.584	2761-03-13 02:01:08	0.739220661	1.302479339	0.727297851º	1.265438547º	225.4634616	58.80249855	0.990684744	Umbral
1000	21018	2729565.584									
1000	21019	2729565.584									
1000	21020	2729565.584									
1000	21021	2729565.584									
1000	21022	2729565.584									
1000	21023	2729713.618	2761-08-08 02:50:18	0.725098631	1.316601369	0.662737103º	1.187816023º	230.3453409	63.32797489	1.015328854	Grazing
1000	21024	2729713.618									
1000	21025	2729713.618									

1000	21026	2729713.618									
1000	21027	2729713.618									
1000	21028	2729743.213	2761-09-06 17:07:21	0.728670461	1.313029539	0.677496348º	1.20498018º	229.4120677	62.2521235	1.010699751	Total Penumbral
1000	21029	2729890.719	2762-02-01 05:14:39	0.751228927	1.290471073	0.777072196º	1.31876893º	224.6939449	55.90407322	0.984181265	Penumbral
1000	21030	2729890.719									
1000	21031	2729890.719									
1000	21032	2729890.719									
1000	21033	2729890.719									
1000	21034	2729920.149	2762-03-02 15:33:57	0.750410891	1.291289109	0.770838698º	1.310246147º	225.5472651	56.30080565	0.988358205	Penumbral
1000	21035	2730067.642	2762-07-28 03:24:02	0.725529924	1.316170076	0.663575438º	1.188260086º	230.5466408	63.28388675	1.016091817	Penumbral
1000	21036	2730067.642									
1000	21037	2730067.642									
1000	21038	2730067.642									
1000	21039	2730067.642									
1000	21040	2730245.349	2763-01-21 20:23:14	0.744808089	1.296891911	0.752586438º	1.294560167º	224.2644773	57.23698727	0.983678265	Umbral
1000	21041	2730245.349									
1000	21042	2730245.349									
1000	21043	2730245.349									
1000	21044	2730245.349									
1000	21045	2730421.822	2763-07-17 07:43:18	0.737741426	1.303958574	0.703574616º	1.228142037º	231.2776613	60.66063092	1.016318887	Total
1000	21046	2730421.822									
1000	21047	2730421.822									
1000	21048	2730421.822									
1000	21049	2730421.822									
1000	21050	2730421.822									
1000	21051	2730599.79	2764-01-11 06:57:10	0.729673727	1.312026273	0.699111989º	1.2410774º	223.4115506	60.40005258	0.983693364	Total
1000	21052	2730599.79									
1000	21053	2730599.79									
1000	21054	2730599.79									
1000	21055	2730599.79									
1000	21056	2730599.79									
1000	21057	2730776.302	2764-07-05 19:14:58	0.752111534	1.289588466	0.756277046º	1.280998944º	231.975104	57.51049194	1.016019685	Umbral
1000	21058	2730776.302									
1000	21059	2730776.302									
1000	21060	2730776.302									
1000	21061	2730776.302									
1000	21062	2730776.302									
1000	21063	2730924.143	2764-11-30 15:26:09	0.715246798	1.326453202	0.650223218º	1.189400106º	223.7166519	63.70964651	0.988780844	Grazing
1000	21064	2730924.143									
1000	21065	2730924.143									
1000	21066	2730924.143									
1000	21067	2730924.143									
1000	21068	2731101.692	2765-05-27 04:37:01	0.756569381	1.285130619	0.778463125º	1.306109644º	230.8532826	56.20348859	1.010388126	Penumbral
1000	21069	2731101.692									

1000	21070	2731101.692									
1000	21071	2731101.692									
1000	21072	2731101.692									
1000	21073	2731130.986	2765-06-25 11:39:13	0.758751239	1.282948761	0.783578626º	1.308741276º	232.0739158	55.99432043	1.015166975	Penumbral
1000	21074	2731278.151	2765-11-19 15:37:42	0.722546629	1.319153371	0.671240315º	1.209045749º	224.6221004	62.32795569	0.991302326	Penumbral
1000	21075	2731278.151									
1000	21076	2731278.151									
1000	21077	2731278.151									
1000	21078	2731278.151									
1000	21079	2731307.889	2765-12-19 09:20:13	0.715703671	1.325996329	0.653635167º	1.194575659º	223.0340843	63.41341473	0.985557165	Penumbral
1000	21080	2731456.318	2766-05-16 19:38:22	0.745698045	1.296001955	0.738214141º	1.267144013º	229.7374576	58.42906627	1.007936602	Umbral
1000	21081	2731456.318									
1000	21082	2731456.318									
1000	21083	2731456.318									
1000	21084	2731456.318									
1000	21085	2731632.423	2766-11-08 22:09:16	0.738700266	1.302999734	0.723117289º	1.259403116º	226.1750403	59.10572721	0.994111258	Umbral
1000	21086	2731632.423									
1000	21087	2731632.423									
1000	21088	2731632.423									
1000	21089	2731632.423									
1000	21090	2731632.423									
1000	21091	2731810.686	2767-05-06 04:28:29	0.729578547	1.312121453	0.684479757º	1.214891079º	228.132819	61.6979213	1.005121413	Total
1000	21092	2731810.686									
1000	21093	2731810.686									
1000	21094	2731810.686									
1000	21095	2731810.686									
1000	21096	2731986.98	2767-10-29 11:31:43	0.751888855	1.289811145	0.770114744º	1.304807291º	227.5616234	56.4672332	0.997073517	Total
1000	21097	2731986.98									
1000	21098	2731986.98									
1000	21099	2731986.98									
1000	21100	2731986.98									
1000	21101	2731986.98									
1000	21102	2732164.762	2768-04-24 06:17:48	0.719482322	1.322217678	0.654634814º	1.186669024º	226.8785266	63.6490896	1.002055447	Umbral
1000	21103	2732164.762									
1000	21104	2732164.762									
1000	21105	2732164.762									
1000	21106	2732164.762									
1000	21107	2732164.762									
1000	21108	2732312.31	2768-09-18 19:25:46	0.752186475	1.289513525	0.76311313º	1.292050098º	230.0249738	57.00989705	1.00792308	Grazing
1000	21109	2732312.31									
1000	21110	2732312.31									
1000	21111	2732312.31									
1000	21112	2732312.31									
1000	21113	2732341.664	2768-10-18 03:55:32	0.754124037	1.287575963	0.776919796º	1.310030819º	228.3018512	56.14065444	1.000031428	Umbral

1000	21114	2732489.126	2769-03-14 15:01:58	0.727899011	1.313800989	0.688451025º	1.226417467º	224.8930462	61.1995676	0.991005639	Penumbral
1000	21115	2732489.126									
1000	21116	2732489.126									
1000	21117	2732489.126									
1000	21118	2732489.126									
1000	21119	2732518.774	2769-04-13 06:34:06	0.723138692	1.318561308	0.667923845º	1.201639086º	226.3925352	62.68510167	0.998899295	Grazing
1000	21120	2732666.832	2769-09-08 07:57:27	0.739062102	1.302637898	0.712646914º	1.240297996º	229.9183273	60.00056416	1.010379388	Penumbral
1000	21121	2732666.832									
1000	21122	2732666.832									
1000	21123	2732666.832									
1000	21124	2732696.278	2769-10-07 18:39:50	0.744788948	1.296911052	0.738842471º	1.270382016º	228.4802266	58.31706496	1.002987986	Penumbral
1000	21125	2732843.508	2770-03-04 00:12:03	0.742922532	1.298777468	0.742196325º	1.28146637º	225.2069784	57.90205542	0.988610034	Umbral
1000	21126	2732843.508									
1000	21127	2732843.508									
1000	21128	2732843.508									
1000	21129	2732843.508									
1000	21130	2733021.06	2770-08-28 13:26:46	0.726074672	1.315625328	0.667851879º	1.194376367º	229.7145405	62.93039995	1.012541277	Total
1000	21131	2733021.06									
1000	21132	2733021.06									
1000	21133	2733021.06									
1000	21134	2733021.06									
1000	21135	2733021.06									
1000	21136	2733198.117	2771-02-21 14:48:21	0.75143028	1.29026972	0.776087829º	1.316424741º	225.233216	55.99286796	0.986658076	Total
1000	21137	2733198.117									
1000	21138	2733198.117									
1000	21139	2733198.117									
1000	21140	2733198.117									
1000	21141	2733198.117									
1000	21142	2733375.086	2771-08-17 14:03:57	0.723681099	1.318018901	0.659118039º	1.184730266º	229.9998706	63.55900484	1.014298659	Total
1000	21143	2733375.086									
1000	21144	2733375.086									
1000	21145	2733375.086									
1000	21146	2733375.086									
1000	21147	2733375.086									
1000	21148	2733552.769	2772-02-11 06:27:23	0.747736938	1.293963062	0.762732344º	1.303915465º	224.7211942	56.69545127	0.985115309	Umbral
1000	21149	2733552.769									
1000	21150	2733552.769									
1000	21151	2733552.769									
1000	21152	2733552.769									
1000	21153	2733699.744	2772-07-07 05:50:59	0.742009078	1.299690922	0.718771766º	1.243469946º	231.4367559	59.7147954	1.016065613	Grazing
1000	21154	2733699.744									
1000	21155	2733699.744									
1000	21156	2733699.744									
1000	21157	2733699.744									

1000	21158	2733729.208	2772-08-05 17:00:14	0.734206751	1.307493249	0.692148613º	1.217117924º	230.8929027	61.37575625	1.015540845	Penumbral
1000	21159	2733877.639	2773-01-01 03:19:51	0.725205697	1.316494303	0.684073313º	1.225768364º	223.2805971	61.36214559	0.984184325	Penumbral
1000	21160	2733877.639									
1000	21161	2733877.639									
1000	21162	2733877.639									
1000	21163	2733877.639									
1000	21164	2733907.271	2773-01-30 18:30:12	0.73370426	1.30799574	0.712546738º	1.25430185º	223.7105595	59.57932677	0.984075214	Penumbral
1000	21165	2734054.296	2773-06-26 19:05:47	0.754921278	1.286778722	0.767989783º	1.293098795º	231.9174282	56.84466753	1.01527067	Umbral
1000	21166	2734054.296									
1000	21167	2734054.296									
1000	21168	2734054.296									
1000	21169	2734054.296									
1000	21170	2734083.626	2773-07-26 03:02:05	0.749366847	1.292333153	0.745505699º	1.270140801º	231.9029367	58.12901025	1.016187776	Grazing
1000	21171	2734231.701	2773-12-21 04:49:55	0.714831086	1.326868914	0.651119914º	1.192170577º	222.9469496	63.58316089	0.985356482	Umbral
1000	21172	2734231.701									
1000	21173	2734231.701									
1000	21174	2734231.701									
1000	21175	2734231.701									
1000	21176	2734409.001	2774-06-16 12:02:08	0.758294696	1.283405304	0.782592991º	1.308364775º	231.7874644	56.0310267	1.013990849	Total
1000	21177	2734409.001									
1000	21178	2734409.001									
1000	21179	2734409.001									
1000	21180	2734409.001									
1000	21181	2734585.674	2774-12-10 04:10:36	0.718583558	1.323116442	0.661574974º	1.201674932º	223.4918771	62.90000119	0.987090946	Total
1000	21182	2734585.674									
1000	21183	2734585.674									
1000	21184	2734585.674									
1000	21185	2734585.674									
1000	21186	2734585.674									
1000	21187	2734763.668	2775-06-06 04:01:38	0.749912189	1.291787811	0.750719121º	1.277401256º	230.9777586	57.77121275	1.012238204	Umbral
1000	21188	2734763.668									
1000	21189	2734763.668									
1000	21190	2734763.668									
1000	21191	2734763.668									
1000	21192	2734763.668									
1000	21193	2734910.349	2775-10-30 20:23:14	0.743708849	1.297991151	0.739367282º	1.2742668º	227.021338	58.18995068	0.996687714	Grazing
1000	21194	2734910.349									
1000	21195	2734910.349									
1000	21196	2734910.349									
1000	21197	2734910.349									
1000	21198	2734939.865	2775-11-29 08:45:34	0.733608218	1.308091782	0.708762868º	1.247677858º	224.8197352	59.89625428	0.989261363	Umbral
1000	21199	2735088.535	2776-04-26 00:50:23	0.725070878	1.316629122	0.671741997º	1.203525317º	227.2860298	62.49335004	1.002528205	Penumbral
1000	21200	2735088.535									
1000	21201	2735088.535									

1000	21202	2735088.535									
1000	21203	2735088.535									
1000	21204	2735118.11	2776-05-25 14:38:42	0.734356033	1.307343967	0.696776971º	1.224599826º	229.5658605	60.98880657	1.010050574	Penumbral
1000	21205	2735264.964	2776-10-19 11:08:51	0.754245273	1.287454727	0.777564882º	1.310879437º	228.2509059	56.10046185	0.99964978	Penumbral
1000	21206	2735264.964									
1000	21207	2735264.964									
1000	21208	2735264.964									
1000	21209	2735294.359	2776-11-17 20:37:40	0.74846533	1.29323467	0.760691876º	1.298272273º	226.211468	56.90660373	0.991717295	Penumbral
1000	21210	2735442.557	2777-04-15 01:21:54	0.718505425	1.323194575	0.653401108º	1.186847969º	226.2227277	63.68611177	0.999401847	Umbral
1000	21211	2735442.557									
1000	21212	2735442.557									
1000	21213	2735442.557									
1000	21214	2735442.557									
1000	21215	2735619.652	2777-10-09 03:38:18	0.752935609	1.288764391	0.770144601º	1.301882275º	228.8428311	56.54557287	1.002614266	Umbral
1000	21216	2735619.652									
1000	21217	2735619.652									
1000	21218	2735619.652									
1000	21219	2735619.652									
1000	21220	2735619.652									
1000	21221	2735796.605	2778-04-04 02:31:21	0.725963509	1.315736491	0.67870875º	1.213830053º	225.9434477	61.92261165	0.99627463	Total
1000	21222	2735796.605									
1000	21223	2735796.605									
1000	21224	2735796.605									
1000	21225	2735796.605									
1000	21226	2735796.605									
1000	21227	2735974.216	2778-09-28 17:10:55	0.741220371	1.300479629	0.723928988º	1.254123655º	228.8882642	59.23787674	1.00553214	Total
1000	21228	2735974.216									
1000	21229	2735974.216									
1000	21230	2735974.216									
1000	21231	2735974.216									
1000	21232	2735974.216									
1000	21233	2736150.926	2779-03-24 10:14:01	0.740723303	1.300976697	0.730856957º	1.267565092º	226.1217627	58.63442068	0.993329041	Umbral
1000	21234	2736150.926									
1000	21235	2736150.926									
1000	21236	2736150.926									
1000	21237	2736150.926									
1000	21238	2736298.891	2779-08-19 09:23:37	0.724307115	1.317392885	0.661163634º	1.186894821º	229.9956682	63.4138805	1.014069149	Grazing
1000	21239	2736298.891									
1000	21240	2736298.891									
1000	21241	2736298.891									
1000	21242	2736298.891									
1000	21243	2736328.503	2779-09-18 00:04:31	0.72721956	1.31448044	0.674530009º	1.203259074º	228.7644194	62.40828566	1.008319407	Umbral
1000	21244	2736476.086	2780-02-12 14:03:59	0.751472423	1.290227577	0.777241365º	1.318362203º	224.9390753	55.91028423	0.985228697	Penumbral
1000	21245	2736476.086									

1000	21246	2736476.086									
1000	21247	2736476.086									
1000	21248	2736476.086									
1000	21249	2736505.506	2780-03-13 00:08:20	0.751308165	1.290391835	0.772670211º	1.310828042º	226.0969011	56.23513376	0.990653201	Penumbral
1000	21250	2736652.914	2780-08-07 09:55:53	0.725759534	1.315940466	0.664859748º	1.189895588º	230.3758469	63.18412319	1.015412163	Penumbral
1000	21251	2736652.914									
1000	21252	2736652.914									
1000	21253	2736652.914									
1000	21254	2736652.914									
1000	21255	2736682.545	2780-09-06 01:04:59	0.721995829	1.319704171	0.656328428º	1.183734282º	229.0792855	63.6906651	1.010849185	Grazing
1000	21256	2736830.714	2781-02-01 05:07:49	0.744332987	1.297367013	0.750410102º	1.292116925º	224.3550464	57.36667257	0.984162937	Umbral
1000	21257	2736830.714									
1000	21258	2736830.714									
1000	21259	2736830.714									
1000	21260	2736830.714									
1000	21261	2737007.11	2781-07-27 14:38:39	0.738623892	1.303076108	0.706772931º	1.231424904º	231.28058	60.45732673	1.016155098	Total
1000	21262	2737007.11									
1000	21263	2737007.11									
1000	21264	2737007.11									
1000	21265	2737007.11									
1000	21266	2737185.141	2782-01-21 15:22:51	0.728841538	1.312858462	0.696392268º	1.238369429º	223.3524304	60.56991833	0.983672037	Total
1000	21267	2737185.141									
1000	21268	2737185.141									
1000	21269	2737185.141									
1000	21270	2737185.141									
1000	21271	2737185.141									
1000	21272	2737361.608	2782-07-17 02:35:02	0.752920693	1.288779307	0.759118877º	1.283681061º	232.1037047	57.35458664	1.016329034	Total
1000	21273	2737361.608									
1000	21274	2737361.608									
1000	21275	2737361.608									
1000	21276	2737361.608									
1000	21277	2737361.608									
1000	21278	2737539.262	2783-01-10 18:17:57	0.71579905	1.32590095	0.65506448º	1.19700788º	222.6435701	63.28117017	0.983733316	Umbral
1000	21279	2737539.262									
1000	21280	2737539.262									
1000	21281	2737539.262									
1000	21282	2737539.262									
1000	21283	2737539.262									
1000	21284	2737687.012	2783-06-07 12:16:48	0.756780577	1.284919423	0.777592758º	1.304174159º	231.364833	56.27914517	1.012431842	Penumbral
1000	21285	2737687.012									
1000	21286	2737687.012									
1000	21287	2737687.012									
1000	21288	2737716.299	2783-07-06 19:10:24	0.759013811	1.282686189	0.783936685º	1.308682113º	232.2930796	55.98620294	1.015974126	Penumbral
1000	21289	2737863.481	2783-11-30 23:32:02	0.722535465	1.319164535	0.672754293º	1.211840447º	224.0995402	62.18548455	0.988947267	Penumbral

1000	21290	2737863.481									
1000	21291	2737863.481									
1000	21292	2737863.481									
1000	21293	2737863.481									
1000	21294	2737893.223	2783-12-30 17:20:43	0.715707635	1.325992365	0.654369148º	1.195946324º	222.7834978	63.34129742	0.984398535	Penumbral
1000	21295	2738041.631	2784-05-27 03:08:54	0.745509276	1.296190724	0.73563712º	1.263308711º	230.3040181	58.616596	1.010340118	Umbral
1000	21296	2738041.631									
1000	21297	2738041.631									
1000	21298	2738041.631									
1000	21299	2738041.631									
1000	21300	2738217.764	2784-11-19 06:20:02	0.738814329	1.302885671	0.725410023º	1.263150074º	225.586301	58.92617865	0.991422857	Umbral
1000	21301	2738217.764									
1000	21302	2738217.764									
1000	21303	2738217.764									
1000	21304	2738217.764									
1000	21305	2738217.764									
1000	21306	2738395.986	2785-05-16 11:39:54	0.729579429	1.312120571	0.682554087º	1.211522285º	228.7713645	61.87037944	1.007863572	Total
1000	21307	2738395.986									
1000	21308	2738395.986									
1000	21309	2738395.986									
1000	21310	2738395.986									
1000	21311	2738395.986									
1000	21312	2738572.327	2785-11-08 19:50:28	0.751571675	1.290128325	0.77104521º	1.307317425º	226.8955059	56.37393696	0.994136492	Total
1000	21313	2738572.327									
1000	21314	2738572.327									
1000	21315	2738572.327									
1000	21316	2738572.327									
1000	21317	2738750.056	2786-05-05 13:20:07	0.720249233	1.321450767	0.655027059º	1.185512313º	227.5934691	63.67510357	1.004981334	Umbral
1000	21318	2738750.056									
1000	21319	2738750.056									
1000	21320	2738750.056									
1000	21321	2738750.056									
1000	21322	2738750.056									
1000	21323	2738897.633	2786-09-30 03:11:25	0.750867485	1.290832515	0.760082813º	1.290479807º	229.3233115	57.13846443	1.005148567	Grazing
1000	21324	2738897.633									
1000	21325	2738897.633									
1000	21326	2738897.633									
1000	21327	2738897.633									
1000	21328	2738927.005	2786-10-29 12:07:10	0.753106945	1.288593055	0.775128736º	1.309851524º	227.5783869	56.19422459	0.997017128	Umbral
1000	21329	2739074.456	2787-03-25 22:56:56	0.729473544	1.312226456	0.691868761º	1.228370198º	225.5660348	61.02755691	0.993711741	Penumbral
1000	21330	2739074.456									
1000	21331	2739074.456									
1000	21332	2739074.456									
1000	21333	2739074.456									

1000	21334	2739104.079	2787-04-24 13:54:15	0.724666756	1.317033244	0.670744771º	1.202864583º	227.1541868	62.5488922	1.001894246	Penumbral
1000	21335	2739252.135	2787-09-19 15:14:30	0.737443008	1.304256992	0.708815746º	1.237763136º	229.251171	60.1976234	1.007903221	Penumbral
1000	21336	2739252.135									
1000	21337	2739252.135									
1000	21338	2739252.135									
1000	21339	2739252.135									
1000	21340	2739281.604	2787-10-19 02:29:07	0.743183384	1.298516616	0.735123115º	1.268251631º	227.71819	58.4881686	0.999998615	Penumbral
1000	21341	2739428.859	2788-03-14 08:36:24	0.744235491	1.297464509	0.745399345º	1.283375318º	225.7898767	57.75548041	0.990988083	Umbral
1000	21342	2739428.859									
1000	21343	2739428.859									
1000	21344	2739428.859									
1000	21345	2739606.342	2788-09-07 20:12:28	0.724874263	1.316825737	0.665540707º	1.193148128º	229.1502212	63.05087199	1.010463001	Umbral
1000	21346	2739606.342									
1000	21347	2739606.342									
1000	21348	2739606.342									
1000	21349	2739606.342									
1000	21350	2739606.342									
1000	21351	2739783.479	2789-03-03 23:29:23	0.752050397	1.289649603	0.777100368º	1.316357598º	225.6932093	55.96726074	0.988633527	Total
1000	21352	2739783.479									
1000	21353	2739783.479									
1000	21354	2739783.479									
1000	21355	2739783.479									
1000	21356	2739783.479									
1000	21357	2739960.361	2789-08-27 20:39:19	0.723440006	1.318259994	0.659555577º	1.186022832º	229.584344	63.49954143	1.012651353	Total
1000	21358	2739960.361									
1000	21359	2739960.361									
1000	21360	2739960.361									
1000	21361	2739960.361									
1000	21362	2739960.361									
1000	21363	2740138.132	2790-02-21 15:09:37	0.747620403	1.294079597	0.761187879º	1.30152012º	225.0466937	56.80377495	0.986666606	Umbral
1000	21364	2740138.132									
1000	21365	2740138.132									
1000	21366	2740138.132									
1000	21367	2740138.132									
1000	21368	2740138.132									
1000	21369	2740285.038	2790-07-18 12:54:02	0.74303157	1.29866843	0.722205959º	1.246760399º	231.5618666	59.51033251	1.016344038	Grazing
1000	21370	2740285.038									
1000	21371	2740285.038									
1000	21372	2740285.038									
1000	21373	2740314.495	2790-08-16 23:53:01	0.734749733	1.306950267	0.694842493º	1.220416301º	230.6404375	61.18344246	1.014372804	Umbral
1000	21374	2740462.985	2791-01-12 11:38:04	0.724286542	1.317413458	0.681474123º	1.223470221º	223.1102457	61.52038421	0.983637667	Penumbral
1000	21375	2740462.985									
1000	21376	2740462.985									
1000	21377	2740462.985									

1000	21378	2740462.985									
1000	21379	2740492.624	2791-02-11 02:58:49	0.733146321	1.308553679	0.709976764º	1.251176829º	223.8922487	59.75260555	0.985084467	Penumbral
1000	21380	2740639.605	2791-07-08 02:31:20	0.755684204	1.286015796	0.770365872º	1.29506096º	232.1513394	56.72490075	1.016071601	Umbral
1000	21381	2740639.605									
1000	21382	2740639.605									
1000	21383	2740639.605									
1000	21384	2740639.605									
1000	21385	2740668.93	2791-08-06 10:18:50	0.750009812	1.291690188	0.748452854º	1.273406517º	231.7834732	57.95006568	1.015571116	Grazing
1000	21386	2740817.034	2792-01-01 12:48:56	0.714302667	1.327397333	0.650206944º	1.191878951º	222.6812211	63.62504457	0.984226194	Umbral
1000	21387	2740817.034									
1000	21388	2740817.034									
1000	21389	2740817.034									
1000	21390	2740817.034									
1000	21391	2740994.316	2792-06-26 19:35:21	0.758455653	1.283244347	0.78219479º	1.307292704º	232.1048329	56.07037419	1.015292125	Total
1000	21392	2740994.316									
1000	21393	2740994.316									
1000	21394	2740994.316									
1000	21395	2740994.316									
1000	21396	2740994.316									
1000	21397	2741171.008	2792-12-20 12:11:43	0.71865536	1.32304464	0.662789061º	1.203796665º	223.1492988	62.78758233	0.985434908	Total
1000	21398	2741171.008									
1000	21399	2741171.008									
1000	21400	2741171.008									
1000	21401	2741171.008									
1000	21402	2741348.977	2793-06-16 11:26:41	0.74959371	1.29210629	0.748150911º	1.273916087º	231.3753617	57.94431453	1.014003593	Umbral
1000	21403	2741348.977									
1000	21404	2741348.977									
1000	21405	2741348.977									
1000	21406	2741348.977									
1000	21407	2741348.977									
1000	21408	2741495.69	2793-11-10 04:33:08	0.743721909	1.297978091	0.741498793º	1.277946967º	226.3794637	58.02250605	0.993810406	Grazing
1000	21409	2741495.69									
1000	21410	2741495.69									
1000	21411	2741495.69									
1000	21412	2741495.69									
1000	21413	2741525.211	2793-12-09 17:03:47	0.733889462	1.307810538	0.71111093º	1.251166773º	224.3873145	59.71797386	0.987171575	Umbral
1000	21414	2741673.835	2794-05-07 08:02:02	0.725278797	1.316421203	0.67039863º	1.200671114º	227.9680162	62.63343788	1.005384578	Penumbral
1000	21415	2741673.835									
1000	21416	2741673.835									
1000	21417	2741673.835									
1000	21418	2741673.835									
1000	21419	2741703.405	2794-06-05 21:43:25	0.734095235	1.307604765	0.694305057º	1.221027986º	230.0650805	61.1814008	1.012159806	Penumbral
1000	21420	2741850.307	2794-10-30 19:22:43	0.75372729	1.28797271	0.777793381º	1.312686391º	227.5500966	56.04610354	0.996699839	Penumbral
1000	21421	2741850.307									

1000	21422	2741850.307									
1000	21423	2741850.307									
1000	21424	2741850.307									
1000	21425	2741879.714	2794-11-29 05:07:35	0.748381564	1.293318436	0.762179223º	1.301068554º	225.6667995	56.78851677	0.989308467	Penumbral
1000	21426	2742027.855	2795-04-26 08:31:46	0.719531251	1.322168749	0.654538524º	1.186426154º	226.9598595	63.66079934	1.002331597	Umbral
1000	21427	2742027.855									
1000	21428	2742027.855									
1000	21429	2742027.855									
1000	21430	2742204.987	2795-10-20 11:40:46	0.751716984	1.289983016	0.767632216º	1.300934726º	228.1030796	56.64075689	0.999672358	Umbral
1000	21431	2742204.987									
1000	21432	2742204.987									
1000	21433	2742204.987									
1000	21434	2742204.987									
1000	21435	2742204.987									
1000	21436	2742381.921	2796-04-14 10:05:33	0.727594525	1.314105475	0.681976066º	1.215516896º	226.6994576	61.76006422	0.999225827	Total
1000	21437	2742381.921									
1000	21438	2742381.921									
1000	21439	2742381.921									
1000	21440	2742381.921									
1000	21441	2742381.921									
1000	21442	2742559.533	2796-10-09 00:47:08	0.739539263	1.302160737	0.72005505º	1.251768878º	228.1328097	59.42586238	1.002659232	Total
1000	21443	2742559.533									
1000	21444	2742559.533									
1000	21445	2742559.533									
1000	21446	2742559.533									
1000	21447	2742559.533									
1000	21448	2742736.264	2797-04-03 18:20:31	0.742278629	1.299421371	0.734479791º	1.269641317º	226.8361762	58.46687858	0.996199749	Umbral
1000	21449	2742736.264									
1000	21450	2742736.264									
1000	21451	2742736.264									
1000	21452	2742736.264									
1000	21453	2742736.264									
1000	21454	2742884.167	2797-08-29 16:00:24	0.723424144	1.318275856	0.659621683º	1.18626748º	229.5326279	63.48888055	1.012308046	Grazing
1000	21455	2742884.167									
1000	21456	2742884.167									
1000	21457	2742884.167									
1000	21458	2742913.797	2797-09-28 07:07:29	0.725725669	1.315974331	0.671611987º	1.201776497º	228.0559272	62.55568772	1.005589337	Umbral
1000	21459	2743061.451	2798-02-22 22:49:48	0.751803874	1.289896126	0.777416842º	1.317626456º	225.2989449	55.92504736	0.986890577	Penumbral
1000	21460	2743061.451									
1000	21461	2743061.451									
1000	21462	2743061.451									
1000	21463	2743061.451									
1000	21464	2743090.859	2798-03-24 08:36:35	0.752252692	1.289447308	0.774482282º	1.311174292º	226.7219434	56.17644697	0.993358887	Penumbral
1000	21465	2743238.189	2798-08-18 16:31:41	0.725879073	1.315820927	0.66612309º	1.191834177º	230.0788112	63.07517146	1.014107921	Penumbral

1000	21466	2743238.189									
1000	21467	2743238.189									
1000	21468	2743238.189									
1000	21469	2743238.189									
1000	21470	2743267.826	2798-09-17 07:49:47	0.721333978	1.320366022	0.65593833º	1.184624997º	228.4743518	63.67370328	1.008400269	Grazing
1000	21471	2743416.076	2799-02-12 13:49:40	0.743969619	1.297730381	0.748308588º	1.289392024º	224.5680183	57.5027047	0.9852968	Umbral
1000	21472	2743416.076									
1000	21473	2743416.076									
1000	21474	2743416.076									
1000	21475	2743416.076									
1000	21476	2743592.401	2799-08-07 21:37:14	0.739359506	1.302340494	0.709863268º	1.234896816º	231.1490845	60.25294742	1.015416596	Total
1000	21477	2743592.401									
1000	21478	2743592.401									
1000	21479	2743592.401									
1000	21480	2743592.401									
1000	21481	2743770.491	2800-02-01 23:46:56	0.728168081	1.313531919	0.693846207º	1.235536583º	223.4215998	60.73911674	0.984192819	Total
1000	21482	2743770.491									
1000	21483	2743770.491									
1000	21484	2743770.491									
1000	21485	2743770.491									
1000	21486	2743770.491									
1000	21487	2743946.914	2800-07-27 09:56:16	0.753556891	1.288143109	0.761745807º	1.286394294º	232.0947214	57.20473159	1.016161851	Total
1000	21488	2743946.914									
1000	21489	2743946.914									
1000	21490	2743946.914									
1000	21491	2743946.914									
1000	21492	2743946.914									
1000	21493	2744124.599	2801-01-21 02:22:46	0.715404517	1.326295483	0.653911546º	1.195906945º	222.6066398	63.35849026	0.983638937	Umbral
1000	21494	2744124.599									
1000	21495	2744124.599									
1000	21496	2744124.599									
1000	21497	2744124.599									
1000	21498	2744124.599									
1000	21499	2744272.328	2801-06-17 19:51:36	0.756844574	1.284855426	0.776489526º	1.302160537º	231.7726608	56.36349439	1.014185236	Penumbral
1000	21500	2744272.328									
1000	21501	2744272.328									
1000	21502	2744272.328									
1000	21503	2744272.328									
1000	21504	2744301.611	2801-07-17 02:40:21	0.759098147	1.282601853	0.784018901º	1.308570022º	232.3775265	55.98695643	1.01635047	Penumbral
1000	21505	2744448.815	2801-12-11 07:34:05	0.722654956	1.319045044	0.674392957º	1.214620886º	223.6714244	62.03998547	0.986857118	Penumbral
1000	21506	2744448.815									
1000	21507	2744448.815									
1000	21508	2744448.815									
1000	21509	2744478.559	2802-01-10 01:24:42	0.715904535	1.325795465	0.655336299º	1.197291208º	222.6593223	63.26216211	0.983712425	Penumbral

1000	21510	2744626.939	2802-06-07 10:32:14	0.745206892	1.296493108	0.73292272º	1.259490073º	230.7857171	58.80894627	1.012458852	Umbral
1000	21511	2744626.939									
1000	21512	2744626.939									
1000	21513	2744626.939									
1000	21514	2744626.939									
1000	21515	2744656.302	2802-07-06 19:14:20	0.752845248	1.288854752	0.759176693º	1.283917925º	231.9994936	57.34634166	1.015982252	Grazing
1000	21516	2744803.11	2802-11-30 14:38:59	0.738991238	1.302708762	0.727702312º	1.266761688º	225.0706094	58.75169067	0.988996391	Umbral
1000	21517	2744803.11									
1000	21518	2744803.11									
1000	21519	2744803.11									
1000	21520	2744803.11									
1000	21521	2744981.28	2803-05-27 18:42:41	0.729524852	1.312175148	0.680607895º	1.20830397º	229.35082	62.03957679	1.01029324	Total
1000	21522	2744981.28									
1000	21523	2744981.28									
1000	21524	2744981.28									
1000	21525	2744981.28									
1000	21526	2744981.28									
1000	21527	2745157.678	2803-11-20 04:17:00	0.751269119	1.290430881	0.77187785º	1.309606784º	226.2802198	56.2895522	0.991443353	Total
1000	21528	2745157.678									
1000	21529	2745157.678									
1000	21530	2745157.678									
1000	21531	2745157.678									
1000	21532	2745157.678									
1000	21533	2745335.343	2804-05-15 20:14:09	0.721015582	1.320684418	0.655510624º	1.184558096º	228.2755304	63.69097656	1.007712553	Umbral
1000	21534	2745335.343									
1000	21535	2745335.343									
1000	21536	2745335.343									
1000	21537	2745335.343									
1000	21538	2745482.961	2804-10-10 11:03:22	0.749481352	1.292218648	0.756957342º	1.28886998º	228.5852296	57.27140622	1.002284474	Grazing
1000	21539	2745482.961									
1000	21540	2745482.961									
1000	21541	2745482.961									
1000	21542	2745482.961									
1000	21543	2745512.351	2804-11-08 20:26:04	0.752084075	1.289615925	0.773240263º	1.309514344º	226.8838003	56.25479233	0.99413303	Umbral
1000	21544	2745659.781	2805-04-05 06:45:19	0.731126318	1.310573682	0.695415918º	1.230383057º	226.2939148	60.85048595	0.996561729	Penumbral
1000	21545	2745659.781									
1000	21546	2745659.781									
1000	21547	2745659.781									
1000	21548	2745659.781									
1000	21549	2745689.38	2805-05-04 21:07:16	0.726214247	1.315485753	0.67368265º	1.20425946º	227.9078796	62.40374942	1.004807914	Penumbral
1000	21550	2745837.442	2805-09-29 22:36:54	0.735761296	1.305938704	0.704991727º	1.235367996º	228.5257379	60.39143671	1.005187842	Penumbral
1000	21551	2745837.442									
1000	21552	2745837.442									
1000	21553	2745837.442									

1000	21554	2745837.442									
1000	21555	2745866.934	2805-10-29 10:25:13	0.741571455	1.300128545	0.731406743º	1.266133203º	226.9622374	58.65984205	0.997010281	Penumbral
1000	21556	2746014.205	2806-03-25 16:54:49	0.74561118	1.29608882	0.748641994º	1.28516899º	226.4458082	57.61175333	0.993664405	Umbral
1000	21557	2746014.205									
1000	21558	2746014.205									
1000	21559	2746014.205									
1000	21560	2746014.205									
1000	21561	2746191.627	2806-09-19 03:03:31	0.723615825	1.318084175	0.663288796º	1.192174594º	228.505927	63.16115067	1.008020597	Umbral
1000	21562	2746191.627									
1000	21563	2746191.627									
1000	21564	2746191.627									
1000	21565	2746191.627									
1000	21566	2746368.837	2807-03-15 08:04:51	0.752731355	1.288968645	0.778064147º	1.316036793º	226.2437948	55.94972387	0.99099421	Total
1000	21567	2746368.837									
1000	21568	2746368.837									
1000	21569	2746368.837									
1000	21570	2746368.837									
1000	21571	2746368.837									
1000	21572	2746545.639	2807-09-08 03:20:42	0.723120187	1.318579813	0.660037077º	1.187565045º	229.0685111	63.43014685	1.010615191	Total
1000	21573	2746545.639									
1000	21574	2746545.639									
1000	21575	2746545.639									
1000	21576	2746545.639									
1000	21577	2746545.639									
1000	21578	2746723.491	2808-03-03 23:46:42	0.747586818	1.294113182	0.759620599º	1.298875232º	225.4772736	56.92000341	0.988638291	Umbral
1000	21579	2746723.491									
1000	21580	2746723.491									
1000	21581	2746723.491									
1000	21582	2746723.491									
1000	21583	2746723.491									
1000	21584	2746870.333	2808-07-28 19:58:59	0.743897677	1.297802323	0.725507945º	1.250198869º	231.5503965	59.30686644	1.016079664	Grazing
1000	21585	2746870.333									
1000	21586	2746870.333									
1000	21587	2746870.333									
1000	21588	2746870.333									
1000	21589	2746899.786	2808-08-27 06:51:27	0.735168605	1.306531395	0.697472674º	1.223889938º	230.2703663	60.98884965	1.012747518	Umbral
1000	21590	2747048.331	2809-01-22 19:56:08	0.723540716	1.318159284	0.679099966º	1.221071161º	223.0687951	61.67530538	0.983682864	Penumbral
1000	21591	2747048.331									
1000	21592	2747048.331									
1000	21593	2747048.331									
1000	21594	2747077.974	2809-02-21 11:22:53	0.732720422	1.308979578	0.707536164º	1.247882907º	224.1918846	59.92802602	0.986640126	Penumbral
1000	21595	2747224.914	2809-07-18 09:56:37	0.756273292	1.285426708	0.772480009º	1.297044874º	232.2503506	56.61229326	1.016323841	Umbral
1000	21596	2747224.914									
1000	21597	2747224.914									

1000	21598	2747224.914									
1000	21599	2747224.914									
1000	21600	2747254.236	2809-08-16 17:39:21	0.750489363	1.291210637	0.751176244º	1.276748493º	231.5332727	57.7765095	1.014375812	Grazing
1000	21601	2747402.368	2810-01-11 20:50:19	0.713974227	1.327725773	0.649577844º	1.191544993º	222.5425256	63.65850596	0.98369021	Umbral
1000	21602	2747402.368									
1000	21603	2747402.368									
1000	21604	2747402.368									
1000	21605	2747402.368									
1000	21606	2747579.629	2810-07-08 03:05:54	0.758444656	1.283255344	0.781488764º	1.306205654º	232.2937057	56.11854386	1.016029383	Total
1000	21607	2747579.629									
1000	21608	2747579.629									
1000	21609	2747579.629									
1000	21610	2747579.629									
1000	21611	2747579.629									
1000	21612	2747756.346	2810-12-31 20:17:54	0.718900807	1.322799193	0.664237328º	1.205847025º	222.925807	62.67000045	0.984339426	Total
1000	21613	2747756.346									
1000	21614	2747756.346									
1000	21615	2747756.346									
1000	21616	2747756.346									
1000	21617	2747756.346									
1000	21618	2747934.282	2811-06-27 18:46:42	0.749124655	1.292575345	0.745367929º	1.27048907º	231.6553267	58.12305468	1.015247219	Umbral
1000	21619	2747934.282									
1000	21620	2747934.282									
1000	21621	2747934.282									
1000	21622	2747934.282									
1000	21623	2748110.561	2811-12-21 01:28:24	0.7342829	1.3074171	0.713540173º	1.254511493º	224.059475	59.54260038	0.985501002	Umbral
1000	21624	2748110.561									
1000	21625	2748110.561									
1000	21626	2748110.561									
1000	21627	2748110.561									
1000	21628	2748110.561									
1000	21629	2748259.128	2812-05-17 15:04:34	0.725464801	1.316235199	0.669110619º	1.197943209º	228.6128525	62.76805422	1.008122019	Penumbral
1000	21630	2748259.128									
1000	21631	2748259.128									
1000	21632	2748259.128									
1000	21633	2748259.128									
1000	21634	2748288.695	2812-06-16 04:41:14	0.733729787	1.307970213	0.691800696º	1.217588036º	230.4654386	61.37205946	1.01396085	Penumbral
1000	21635	2748435.656	2812-11-10 03:44:23	0.753200673	1.288499327	0.777858786º	1.314326605º	226.8805664	56.00069652	0.993774014	Penumbral
1000	21636	2748435.656									
1000	21637	2748435.656									
1000	21638	2748435.656									
1000	21639	2748435.656									
1000	21640	2748465.072	2812-12-09 13:44:10	0.748357979	1.293342021	0.763589809º	1.3036564º	225.209286	56.67872213	0.987151931	Penumbral
1000	21641	2748613.148	2813-05-06 15:33:23	0.720583396	1.321116604	0.655829426º	1.186156719º	227.6860035	63.62491283	1.005280674	Umbral

1000	21642	2748613.148									
1000	21643	2748613.148									
1000	21644	2748613.148									
1000	21645	2748613.148									
1000	21646	2748790.327	2813-10-30 19:50:20	0.750475228	1.291224772	0.764993061º	1.299924667º	227.371722	56.7414906	0.996627928	Umbral
1000	21647	2748790.327									
1000	21648	2748790.327									
1000	21649	2748790.327									
1000	21650	2748790.327									
1000	21651	2748967.231	2814-04-25 17:32:43	0.729261338	1.312438662	0.68537844º	1.217313177º	227.4684537	61.59042548	1.002242833	Total
1000	21652	2748967.231									
1000	21653	2748967.231									
1000	21654	2748967.231									
1000	21655	2748967.231									
1000	21656	2748967.231									
1000	21657	2749144.854	2814-10-20 08:29:53	0.737837667	1.303862333	0.7161896º	1.249500985º	227.3628624	59.61216756	0.999655722	Total
1000	21658	2749144.854									
1000	21659	2749144.854									
1000	21660	2749144.854									
1000	21661	2749144.854									
1000	21662	2749144.854									
1000	21663	2749321.597	2815-04-15 02:20:20	0.743859524	1.297840476	0.738121906º	1.271703209º	227.5851106	58.30013853	0.999150034	Umbral
1000	21664	2749321.597									
1000	21665	2749321.597									
1000	21666	2749321.597									
1000	21667	2749321.597									
1000	21668	2749321.597									
1000	21669	2749469.446	2815-09-09 22:42:01	0.722468148	1.319231852	0.658162658º	1.185884582º	228.9723197	63.55279615	1.010243754	Grazing
1000	21670	2749469.446									
1000	21671	2749469.446									
1000	21672	2749469.446									
1000	21673	2749469.446									
1000	21674	2749646.813	2816-03-05 07:30:49	0.75220963	1.28949037	0.777515087º	1.316645144º	225.7621891	55.94841913	0.988866734	Penumbral
1000	21675	2749646.813									
1000	21676	2749646.813									
1000	21677	2749646.813									
1000	21678	2749646.813									
1000	21679	2749676.207	2816-04-03 16:58:03	0.753221206	1.288478794	0.776185369º	1.311369247º	227.4027401	56.12488465	0.996158142	Penumbral
1000	21680	2749823.467	2816-08-28 23:12:51	0.725899119	1.315800881	0.66743004º	1.193991292º	229.6672456	62.95775954	1.012470584	Penumbral
1000	21681	2749823.467									
1000	21682	2749823.467									
1000	21683	2749823.467									
1000	21684	2749823.467									
1000	21685	2749853.113	2816-09-27 14:42:12	0.720638564	1.321061436	0.655652609º	1.185712895º	227.8076303	63.64632822	1.005787062	Penumbral

1000	21686	2750001.436	2817-02-22 22:27:19	0.743709004	1.297990996	0.74621917º	1.286446384º	224.8959316	57.64525341	0.986858426	Umbral
1000	21687	2750001.436									
1000	21688	2750001.436									
1000	21689	2750001.436									
1000	21690	2750001.436									
1000	21691	2750177.695	2817-08-18 04:40:19	0.739952184	1.301747816	0.712858121º	1.238513758º	230.8895506	60.04848489	1.014214898	Umbral
1000	21692	2750177.695									
1000	21693	2750177.695									
1000	21694	2750177.695									
1000	21695	2750177.695									
1000	21696	2750177.695									
1000	21697	2750355.839	2818-02-12 08:07:44	0.727649661	1.314050339	0.691477308º	1.232568987º	223.615852	60.90782686	0.985281791	Total
1000	21698	2750355.839									
1000	21699	2750355.839									
1000	21700	2750355.839									
1000	21701	2750355.839									
1000	21702	2750355.839									
1000	21703	2750532.222	2818-08-07 17:19:52	0.75402006	1.28767994	0.764118361º	1.289153404º	231.9495366	57.06154061	1.015413705	Total
1000	21704	2750532.222									
1000	21705	2750532.222									
1000	21706	2750532.222									
1000	21707	2750532.222									
1000	21708	2750709.935	2819-02-01 10:26:27	0.715210611	1.326489389	0.653043815º	1.194737879º	222.7006387	63.42841694	0.984186118	Umbral
1000	21709	2750709.935									
1000	21710	2750709.935									
1000	21711	2750709.935									
1000	21712	2750709.935									
1000	21713	2750709.935									
1000	21714	2750857.641	2819-06-29 03:22:25	0.756747131	1.284952869	0.775081922º	1.300152202º	232.0614966	56.45632727	1.015345562	Penumbral
1000	21715	2750857.641									
1000	21716	2750857.641									
1000	21717	2750857.641									
1000	21718	2750857.641									
1000	21719	2750886.924	2819-07-28 10:10:13	0.759001408	1.282698592	0.783777323º	1.308453396º	232.3242436	55.99659332	1.016108424	Umbral
1000	21720	2751034.155	2819-12-22 15:42:36	0.722922296	1.318777704	0.676228355º	1.217308134º	223.3519498	61.89168589	0.985303458	Penumbral
1000	21721	2751034.155									
1000	21722	2751034.155									
1000	21723	2751034.155									
1000	21724	2751034.155									
1000	21725	2751063.896	2820-01-21 09:30:28	0.716299466	1.325400534	0.65657498º	1.198572048º	222.6656555	63.17603479	0.983635907	Penumbral
1000	21726	2751212.243	2820-06-17 17:49:17	0.744773918	1.296926082	0.730048575º	1.255738771º	231.1639357	59.0053771	1.014148223	Umbral
1000	21727	2751212.243									
1000	21728	2751212.243									
1000	21729	2751212.243									

1000	21730	2751212.243									
1000	21731	2751388.462	2820-12-10 23:05:09	0.7392512	1.3024488	0.730023734°	1.270201908°	224.645504	58.58235553	0.986948018	Umbral
1000	21732	2751388.462									
1000	21733	2751388.462									
1000	21734	2751388.462									
1000	21735	2751388.462									
1000	21736	2751566.568	2821-06-07 01:37:44	0.729393676	1.312306324	0.67865644°	1.205246919°	229.8494889	62.20458831	1.012414389	Total
1000	21737	2751566.568									
1000	21738	2751566.568									
1000	21739	2751566.568									
1000	21740	2751566.568									
1000	21741	2751566.568									
1000	21742	2751743.035	2821-11-30 12:50:41	0.751004235	1.290695765	0.772617111°	1.311669384°	225.7362051	56.21403927	0.989009424	Total
1000	21743	2751743.035									
1000	21744	2751743.035									
1000	21745	2751743.035									
1000	21746	2751743.035									
1000	21747	2751743.035									
1000	21748	2751920.625	2822-05-27 03:00:41	0.721754916	1.319945084	0.656072913°	1.183831673°	228.9010739	63.69626451	1.010173243	Umbral
1000	21749	2751920.625									
1000	21750	2751920.625									
1000	21751	2751920.625									
1000	21752	2751920.625									
1000	21753	2751920.625									
1000	21754	2752068.293	2822-10-21 19:02:03	0.748055644	1.293644356	0.75372688°	1.287251885°	227.8347143	57.40818592	0.999255465	Grazing
1000	21755	2752068.293									
1000	21756	2752068.293									
1000	21757	2752068.293									
1000	21758	2752097.703	2822-11-20 04:51:58	0.751081136	1.290618864	0.771268688°	1.309014912°	226.2402259	56.32212821	0.991411477	Umbral
1000	21759	2752245.102	2823-04-16 14:26:52	0.732828811	1.308871189	0.69908793°	1.232458201°	227.0547556	60.66852889	0.999545358	Penumbral
1000	21760	2752245.102									
1000	21761	2752245.102									
1000	21762	2752245.102									
1000	21763	2752245.102									
1000	21764	2752274.676	2823-05-16 04:13:45	0.72775125	1.31394875	0.676709401°	1.205847951°	228.6295134	62.2499449	1.007539101	Penumbral
1000	21765	2752422.754	2823-10-11 06:05:25	0.734045192	1.307654808	0.701202818°	1.233103843°	227.7652221	60.58131464	1.002306355	Penumbral
1000	21766	2752422.754									
1000	21767	2752422.754									
1000	21768	2752422.754									
1000	21769	2752422.754									
1000	21770	2752452.27	2823-11-09 18:28:11	0.739981873	1.301718127	0.727728195°	1.264005563°	226.2356777	58.83166651	0.994126938	Penumbral
1000	21771	2752599.546	2824-04-05 01:06:43	0.747024946	1.294675054	0.751888484°	1.286876484°	227.1549799	57.47104295	0.996522872	Umbral
1000	21772	2752599.546									
1000	21773	2752599.546									

1000	21774	2752599.546									
1000	21775	2752599.546									
1000	21776	2752776.917	2824-09-29 10:00:57	0.722324974	1.319375026	0.661122631º	1.191432488º	227.8033166	63.26100127	1.005313724	Umbral
1000	21777	2752776.917									
1000	21778	2752776.917									
1000	21779	2752776.917									
1000	21780	2752776.917									
1000	21781	2752776.917									
1000	21782	2752954.19	2825-03-25 16:33:54	0.753452584	1.288247416	0.778963551º	1.31547437º	226.8675563	55.94034456	0.993694367	Total
1000	21783	2752954.19									
1000	21784	2752954.19									
1000	21785	2752954.19									
1000	21786	2752954.19									
1000	21787	2753130.923	2825-09-18 10:09:18	0.722741029	1.318958971	0.660549694º	1.189353513º	228.4713894	63.35144689	1.008176867	Total
1000	21788	2753130.923									
1000	21789	2753130.923									
1000	21790	2753130.923									
1000	21791	2753130.923									
1000	21792	2753130.923									
1000	21793	2753308.845	2826-03-15 08:17:27	0.747619355	1.294080645	0.758031659º	1.29598002º	225.9985783	57.04422035	0.991038947	Umbral
1000	21794	2753308.845									
1000	21795	2753308.845									
1000	21796	2753308.845									
1000	21797	2753308.845									
1000	21798	2753308.845									
1000	21799	2753455.63	2826-08-09 03:07:08	0.744606968	1.297093032	0.728666386º	1.253764963º	231.4042675	59.10533687	1.015290844	Grazing
1000	21800	2753455.63									
1000	21801	2753455.63									
1000	21802	2753455.63									
1000	21803	2753455.63									
1000	21804	2753485.081	2826-09-07 13:56:43	0.735476282	1.306223718	0.700031372º	1.227517009º	229.7975996	60.79296483	1.010696292	Umbral
1000	21805	2753633.675	2827-02-03 04:12:22	0.722969054	1.318730946	0.67693489º	1.218579686º	223.156501	61.82710365	0.98427564	Penumbral
1000	21806	2753633.675									
1000	21807	2753633.675									
1000	21808	2753633.675									
1000	21809	2753633.675									
1000	21810	2753663.32	2827-03-04 19:40:57	0.732413992	1.309286008	0.705188785º	1.244455769º	224.5990329	60.10565175	0.988615646	Penumbral
1000	21811	2753810.224	2827-07-29 17:22:50	0.756684744	1.285015256	0.774332404º	1.299029562º	232.2116161	56.50732468	1.016067593	Umbral
1000	21812	2753810.224									
1000	21813	2753810.224									
1000	21814	2753810.224									
1000	21815	2753839.545	2827-08-28 01:04:43	0.750814093	1.290885907	0.753706036º	1.280109243º	231.1627154	57.60900777	1.012774562	Penumbral
1000	21816	2753987.703	2828-01-23 04:52:24	0.713851151	1.327848849	0.649205667º	1.191191585º	222.5347767	63.68367514	0.983656142	Umbral
1000	21817	2753987.703									

1000	21818	2753987.703									
1000	21819	2753987.703									
1000	21820	2753987.703									
1000	21821	2754164.941	2828-07-18 10:34:55	0.75825529	1.28344471	0.780516189º	1.305068335º	232.3469713	56.17540056	1.016348484	Total
1000	21822	2754164.941									
1000	21823	2754164.941									
1000	21824	2754164.941									
1000	21825	2754164.941									
1000	21826	2754164.941									
1000	21827	2754341.686	2829-01-11 04:27:35	0.719329091	1.322370909	0.665894397º	1.207851961º	222.8287998	62.5473124	0.983707606	Total
1000	21828	2754341.686									
1000	21829	2754341.686									
1000	21830	2754341.686									
1000	21831	2754341.686									
1000	21832	2754341.686									
1000	21833	2754519.585	2829-07-08 02:02:45	0.748495642	1.293204358	0.742406151º	1.267111283º	231.8063624	58.30672945	1.01605215	Umbral
1000	21834	2754519.585									
1000	21835	2754519.585									
1000	21836	2754519.585									
1000	21837	2754519.585									
1000	21838	2754519.585									
1000	21839	2754695.915	2829-12-31 09:58:00	0.734801936	1.306898064	0.716085738º	1.257676813º	223.8473578	59.37007452	0.984373271	Umbral
1000	21840	2754695.915									
1000	21841	2754695.915									
1000	21842	2754695.915									
1000	21843	2754695.915									
1000	21844	2754844.416	2830-05-28 21:58:42	0.725604785	1.316095215	0.667828444º	1.195414972º	229.1970972	62.8963552	1.010503017	Penumbral
1000	21845	2754844.416									
1000	21846	2754844.416									
1000	21847	2754844.416									
1000	21848	2754844.416									
1000	21849	2754873.981	2830-06-27 11:33:17	0.733245814	1.308454186	0.689215516º	1.214358152º	230.7512066	61.55980618	1.015205662	Penumbral
1000	21850	2755021.009	2830-11-21 12:13:27	0.752690231	1.289009769	0.77783149º	1.315729777º	226.2645579	55.96416065	0.991131205	Penumbral
1000	21851	2755021.009									
1000	21852	2755021.009									
1000	21853	2755021.009									
1000	21854	2755021.009									
1000	21855	2755050.435	2830-12-20 22:26:15	0.748412146	1.293287854	0.765003833º	1.305954127º	224.853908	56.57712665	0.985539308	Penumbral
1000	21856	2755198.436	2831-05-17 22:27:22	0.721633229	1.320066771	0.657193694º	1.186129911º	228.3768139	63.57819172	1.007924511	Umbral
1000	21857	2755198.436									
1000	21858	2755198.436									
1000	21859	2755198.436									
1000	21860	2755198.436									
1000	21861	2755228.088	2831-06-16 14:06:55	0.723308864	1.318391136	0.658227884º	1.184086206º	229.8825382	63.61214614	1.013823983	Grazing

1000	21862	2755375.671	2831-11-11 04:06:57	0.749237508	1.292462492	0.762320849º	1.29877105º	226.6720455	56.84743739	0.993806651	Umbral
1000	21863	2755375.671									
1000	21864	2755375.671									
1000	21865	2755375.671									
1000	21866	2755375.671									
1000	21867	2755552.537	2832-05-06 00:53:09	0.730933614	1.310766386	0.688854428º	1.219275363º	228.2264397	61.41401448	1.005103198	Total
1000	21868	2755552.537									
1000	21869	2755552.537									
1000	21870	2755552.537									
1000	21871	2755552.537									
1000	21872	2755730.18	2832-10-30 16:19:27	0.736145159	1.305554841	0.712381724º	1.247285217º	226.6023685	59.79628761	0.996680307	Total
1000	21873	2755730.18									
1000	21874	2755730.18									
1000	21875	2755730.18									
1000	21876	2755730.18									
1000	21877	2755730.18									
1000	21878	2755906.926	2833-04-25 10:13:26	0.745437627	1.296262373	0.741774981º	1.273745699º	228.3454965	58.13458304	1.002175045	Umbral
1000	21879	2755906.926									
1000	21880	2755906.926									
1000	21881	2755906.926									
1000	21882	2755906.926									
1000	21883	2755906.926									
1000	21884	2756054.729	2833-09-20 05:29:41	0.721461257	1.320238743	0.65674534º	1.185787378º	228.3341718	63.60558483	1.007722902	Grazing
1000	21885	2756054.729									
1000	21886	2756054.729									
1000	21887	2756054.729									
1000	21888	2756054.729									
1000	21889	2756084.399	2833-10-19 21:34:04	0.722722995	1.318977005	0.66610335º	1.199366127º	226.5500168	62.82286245	0.999746841	Umbral
1000	21890	2756232.171	2834-03-16 16:05:57	0.752672205	1.289027795	0.777584219º	1.315367329º	226.3140278	55.98047257	0.991343476	Penumbral
1000	21891	2756232.171									
1000	21892	2756232.171									
1000	21893	2756232.171									
1000	21894	2756232.171									
1000	21895	2756261.55	2834-04-15 01:12:23	0.754188454	1.287511546	0.77780775º	1.311375665º	228.1174718	56.08063302	0.999175106	Penumbral
1000	21896	2756408.75	2834-09-09 06:00:39	0.725834621	1.315865379	0.668721353º	1.196406458º	229.1569574	62.83268038	1.010314243	Penumbral
1000	21897	2756408.75									
1000	21898	2756408.75									
1000	21899	2756408.75									
1000	21900	2756438.405	2834-10-08 21:43:04	0.719935348	1.321764652	0.655432507º	1.187023295º	227.1025362	63.6090521	1.002891302	Penumbral
1000	21901	2756586.791	2835-03-06 06:59:23	0.743537834	1.298162166	0.74416412º	1.283256064º	225.3276359	57.79444659	0.988936645	Umbral
1000	21902	2756586.791									
1000	21903	2756586.791									
1000	21904	2756586.791									
1000	21905	2756586.791									

1000	21906	2756762.992	2835-08-29 11:49:06	0.740410668	1.301289332	0.715730584º	1.242272112º	230.5129783	59.84489651	1.012508511	Umbral
1000	21907	2756762.992									
1000	21908	2756762.992									
1000	21909	2756762.992									
1000	21910	2756762.992									
1000	21911	2756762.992									
1000	21912	2756941.183	2836-02-23 16:23:41	0.727277708	1.314422292	0.689260174º	1.229488796º	223.9281412	61.07615	0.986855853	Total
1000	21913	2756941.183									
1000	21914	2756941.183									
1000	21915	2756941.183									
1000	21916	2756941.183									
1000	21917	2756941.183									
1000	21918	2757117.533	2836-08-18 00:46:57	0.754315087	1.287384913	0.7662618º	1.291909739º	231.674476	56.92554939	1.014229749	Total
1000	21919	2757117.533									
1000	21920	2757117.533									
1000	21921	2757117.533									
1000	21922	2757117.533									
1000	21923	2757117.533									
1000	21924	2757295.269	2837-02-11 18:27:19	0.715213141	1.326486859	0.652413178º	1.193548134º	222.9222257	63.49095323	0.985202992	Umbral
1000	21925	2757295.269									
1000	21926	2757295.269									
1000	21927	2757295.269									
1000	21928	2757295.269									
1000	21929	2757442.952	2837-07-09 10:50:17	0.756478355	1.285221645	0.773431335º	1.298100069º	232.2203193	56.55736221	1.016122637	Grazing
1000	21930	2757442.952									
1000	21931	2757442.952									
1000	21932	2757442.952									
1000	21933	2757442.952									
1000	21934	2757472.237	2837-08-07 17:41:08	0.758725702	1.282974298	0.783256273º	1.308290101º	232.1352523	56.01504293	1.015416055	Umbral
1000	21935	2757619.497	2838-01-01 23:56:08	0.723350514	1.318349486	0.678237891º	1.21992381º	223.1517526	61.74067586	0.984200916	Penumbral
1000	21936	2757619.497									
1000	21937	2757619.497									
1000	21938	2757619.497									
1000	21939	2757619.497									
1000	21940	2757649.234	2838-01-31 17:36:22	0.716892258	1.324807742	0.658072069º	1.199806168º	222.8026579	63.0828398	0.984113385	Penumbral
1000	21941	2757797.542	2838-06-29 01:01:04	0.744197327	1.297502673	0.727022532º	1.252076125º	231.423702	59.20508678	1.015377831	Umbral
1000	21942	2757797.542									
1000	21943	2757797.542									
1000	21944	2757797.542									
1000	21945	2757797.542									
1000	21946	2757826.912	2838-07-28 09:53:26	0.751408952	1.290291048	0.753561581º	1.278231861º	231.9451948	57.66601463	1.016119645	Grazing
1000	21947	2757973.818	2838-12-22 07:37:18	0.739611126	1.302088874	0.732389937º	1.273452937º	224.3253151	58.41814697	0.985334014	Umbral
1000	21948	2757973.818									
1000	21949	2757973.818									

1000	21950	2757973.818									
1000	21951	2758151.851	2839-06-18 08:26:04	0.729168009	1.312531991	0.676682686º	1.202394516º	230.2484096	62.36448153	1.014106488	Total
1000	21952	2758151.851									
1000	21953	2758151.851									
1000	21954	2758151.851									
1000	21955	2758151.851									
1000	21956	2758151.851									
1000	21957	2758328.396	2839-12-11 21:30:37	0.750797527	1.290902473	0.773299421º	1.31346849º	225.2811978	56.14731808	0.986964653	Total
1000	21958	2758328.396									
1000	21959	2758328.396									
1000	21960	2758328.396									
1000	21961	2758328.396									
1000	21962	2758328.396									
1000	21963	2758505.903	2840-06-06 09:40:46	0.722443071	1.319256929	0.656702892º	1.183354404º	229.4482161	63.69061403	1.012297061	Umbral
1000	21964	2758505.903									
1000	21965	2758505.903									
1000	21966	2758505.903									
1000	21967	2758505.903									
1000	21968	2758505.903									
1000	21969	2758683.059	2840-11-30 13:24:17	0.750121978	1.291578022	0.769259325º	1.308315247º	225.6677432	56.3960602	0.989002728	Umbral
1000	21970	2758683.059									
1000	21971	2758683.059									
1000	21972	2758683.059									
1000	21973	2758683.059									
1000	21974	2758683.059									
1000	21975	2758830.418	2841-04-26 22:01:39	0.734551293	1.307148707	0.702843904º	1.234630418º	227.8252659	60.48199509	1.002522185	Penumbral
1000	21976	2758830.418									
1000	21977	2758830.418									
1000	21978	2758830.418									
1000	21979	2758859.968	2841-05-26 11:14:29	0.729249183	1.312450817	0.67980535º	1.207641631º	229.2957631	62.08788812	1.010024883	Penumbral
1000	21980	2759008.07	2841-10-21 13:40:36	0.732324299	1.309375701	0.697471538º	1.230962882º	226.9936004	60.76669709	0.999318516	Penumbral
1000	21981	2759008.07									
1000	21982	2759008.07									
1000	21983	2759008.07									
1000	21984	2759008.07									
1000	21985	2759037.61	2841-11-20 02:37:47	0.738442239	1.303257761	0.724113036º	1.261852229º	225.5604863	59.00335381	0.991424438	Penumbral
1000	21986	2759184.883	2842-04-16 09:11:50	0.748450166	1.293249834	0.755113179º	1.288512769º	227.8955716	57.33362072	0.999490416	Umbral
1000	21987	2759184.883									
1000	21988	2759184.883									
1000	21989	2759184.883									
1000	21990	2759184.883									
1000	21991	2759362.212	2842-10-10 17:05:38	0.721029591	1.320670409	0.659070239º	1.190893091º	227.0657951	63.35032886	1.002453686	Umbral
1000	21992	2759362.212									
1000	21993	2759362.212									

1000	21994	2759362.212									
1000	21995	2759362.212									
1000	21996	2759362.212									
1000	21997	2759539.539	2843-04-06 00:55:54	0.754190877	1.287509123	0.779745061º	1.314720259º	227.5444201	55.93923593	0.996546718	Total
1000	21998	2759539.539									
1000	21999	2759539.539									
1000	22000	2759539.539									
1000	22001	2759539.539									
1000	22002	2759539.539									
1000	22003	2759716.213	2843-09-29 17:06:06	0.722325099	1.319374901	0.661127953º	1.191334786º	227.8146949	63.26413183	1.005509068	Total
1000	22004	2759716.213									
1000	22005	2759716.213									
1000	22006	2759716.213									
1000	22007	2759716.213									
1000	22008	2759894.195	2844-03-25 16:40:54	0.7476979	1.2940021	0.756376761º	1.292882285º	226.5930961	57.17645295	0.993704173	Umbral
1000	22009	2759894.195									
1000	22010	2759894.195									
1000	22011	2759894.195									
1000	22012	2759894.195									
1000	22013	2759894.195									
1000	22014	2760040.93	2844-08-19 10:19:42	0.74516402	1.29653598	0.731675092º	1.25743376º	231.1302808	58.90663692	1.014016144	Grazing
1000	22015	2760040.93									
1000	22016	2760040.93									
1000	22017	2760040.93									
1000	22018	2760040.93									
1000	22019	2760070.382	2844-09-17 21:09:46	0.735689652	1.306010348	0.702520252º	1.231266464º	229.2406178	60.59673829	1.008286708	Umbral
1000	22020	2760219.017	2845-02-13 12:25:05	0.722567266	1.319132734	0.674977699º	1.215991548º	223.3697315	61.97590503	0.985423531	Penumbral
1000	22021	2760219.017									
1000	22022	2760219.017									
1000	22023	2760219.017									
1000	22024	2760219.017									
1000	22025	2760248.661	2845-03-15 03:51:47	0.732210433	1.309489567	0.702934304º	1.240898242º	225.0997429	60.28543593	0.991010252	Penumbral
1000	22026	2760395.535	2845-08-09 00:51:06	0.756919742	1.284780258	0.775902435º	1.301018136º	232.037295	56.41039512	1.015257737	Penumbral
1000	22027	2760395.535									
1000	22028	2760395.535									
1000	22029	2760395.535									
1000	22030	2760395.535									
1000	22031	2760424.858	2845-09-07 08:35:57	0.750997044	1.290702956	0.756005594º	1.28350159º	230.6864682	57.44814931	1.010676445	Penumbral
1000	22032	2760573.037	2846-02-02 12:53:30	0.7139335	1.3277665	0.649131887º	1.190774859º	222.6579639	63.70058846	0.984278954	Umbral
1000	22033	2760573.037									
1000	22034	2760573.037									
1000	22035	2760573.037									
1000	22036	2760750.252	2846-07-29 18:03:33	0.757886023	1.283813977	0.779226109º	1.303942624º	232.2624725	56.24072932	1.016030109	Total
1000	22037	2760750.252									

1000	22038	2760750.252									
1000	22039	2760750.252									
1000	22040	2760750.252									
1000	22041	2760750.252									
1000	22042	2760927.027	2847-01-22 12:39:06	0.719944381	1.321755619	0.667805479º	1.20976899º	222.8617871	62.419463	0.983696812	Total
1000	22043	2760927.027									
1000	22044	2760927.027									
1000	22045	2760927.027									
1000	22046	2760927.027									
1000	22047	2760927.027									
1000	22048	2761104.886	2847-07-19 09:16:01	0.747702053	1.293997947	0.739255917º	1.263821763º	231.8218766	58.49457517	1.016321938	Total
1000	22049	2761104.886									
1000	22050	2761104.886									
1000	22051	2761104.886									
1000	22052	2761104.886									
1000	22053	2761104.886									
1000	22054	2761281.272	2848-01-11 18:31:02	0.735455578	1.306244422	0.718734038º	1.260680499º	223.7583642	59.20023916	0.983727759	Umbral
1000	22055	2761281.272									
1000	22056	2761281.272									
1000	22057	2761281.272									
1000	22058	2761281.272									
1000	22059	2761281.272									
1000	22060	2761429.698	2848-06-08 04:45:22	0.725677164	1.316022836	0.666584589º	1.193075819º	229.6992307	63.01750237	1.012605237	Penumbral
1000	22061	2761429.698									
1000	22062	2761429.698									
1000	22063	2761429.698									
1000	22064	2761459.264	2848-07-07 18:20:49	0.732633844	1.309066156	0.686605122º	1.211309981º	230.9107873	61.74366278	1.016052679	Penumbral
1000	22065	2761606.368	2848-12-01 20:49:15	0.752218901	1.289481099	0.777694736º	1.316915305º	225.7221205	55.9363995	0.988700744	Penumbral
1000	22066	2761606.368									
1000	22067	2761606.368									
1000	22068	2761606.368									
1000	22069	2761606.368									
1000	22070	2761635.8	2848-12-31 07:12:32	0.748557851	1.293142149	0.766384755º	1.308000751º	224.6121789	56.48359574	0.984327978	Penumbral
1000	22071	2761783.718	2849-05-28 05:14:33	0.7226536	1.3190464	0.658675147º	1.186307089º	229.0088873	63.520479	1.01041604	Umbral
1000	22072	2761783.718									
1000	22073	2761783.718									
1000	22074	2761783.718									
1000	22075	2761783.718									
1000	22076	2761813.36	2849-06-26 20:38:27	0.723547772	1.318152228	0.658041101º	1.183191112º	230.215942	63.64939413	1.015191405	Grazing
1000	22077	2761961.021	2849-11-21 12:30:18	0.748029844	1.293670156	0.759585552º	1.297515915º	226.0258622	56.95833855	0.991072106	Umbral
1000	22078	2761961.021									
1000	22079	2761961.021									
1000	22080	2761961.021									
1000	22081	2761961.021									

1000	22082	2762137.839	2850-05-17 08:07:27	0.732581545	1.309118455	0.692405123º	1.221391852º	228.9494431	61.23128876	1.007828264	Total
1000	22083	2762137.839									
1000	22084	2762137.839									
1000	22085	2762137.839									
1000	22086	2762137.839									
1000	22087	2762137.839									
1000	22088	2762315.511	2850-11-11 00:15:50	0.734490985	1.307209015	0.708660503º	1.245102294º	225.874563	59.97785609	0.993822232	Total
1000	22089	2762315.511									
1000	22090	2762315.511									
1000	22091	2762315.511									
1000	22092	2762315.511									
1000	22093	2762492.25	2851-05-06 18:00:03	0.746984239	1.294715761	0.745368998º	1.275822501º	229.0934676	57.97070117	1.005041487	Umbral
1000	22094	2762492.25									
1000	22095	2762492.25									
1000	22096	2762492.25									
1000	22097	2762492.25									
1000	22098	2762492.25									
1000	22099	2762640.017	2851-10-01 12:24:26	0.720428596	1.321271404	0.655446496º	1.185893503º	227.6401437	63.64733439	1.005053796	Grazing
1000	22100	2762640.017									
1000	22101	2762640.017									
1000	22102	2762640.017									
1000	22103	2762640.017									
1000	22104	2762669.707	2851-10-31 04:58:38	0.721274035	1.320425965	0.663561705º	1.198390599º	225.8009531	62.9423185	0.996819326	Umbral
1000	22105	2762817.524	2852-03-27 00:34:19	0.75317088	1.28852912	0.777535213º	1.31388181º	226.9366132	56.02128706	0.993998621	Penumbral
1000	22106	2762817.524									
1000	22107	2762817.524									
1000	22108	2762817.524									
1000	22109	2762817.524									
1000	22110	2762846.889	2852-04-25 09:19:29	0.755128051	1.286571949	0.779273788º	1.311260935º	228.8427781	56.04391437	1.002144095	Penumbral
1000	22111	2762994.039	2852-09-19 12:56:09	0.725704346	1.315995654	0.670056011º	1.198997334º	228.5671745	62.70077005	1.007914783	Penumbral
1000	22112	2762994.039									
1000	22113	2762994.039									
1000	22114	2762994.039									
1000	22115	2762994.039									
1000	22116	2763023.703	2852-10-19 04:52:57	0.719251678	1.322448322	0.65533237º	1.188485237º	226.3834952	63.56244453	0.999952943	Penumbral
1000	22117	2763172.142	2853-03-16 15:24:39	0.743438962	1.298261038	0.742085619º	1.279881198º	225.8485232	57.95034646	0.991320492	Umbral
1000	22118	2763172.142									
1000	22119	2763172.142									
1000	22120	2763172.142									
1000	22121	2763348.295	2853-09-08 19:04:37	0.740748137	1.300951863	0.718496397º	1.246125568º	230.0345339	59.64309161	1.010421348	Umbral
1000	22122	2763348.295									
1000	22123	2763348.295									
1000	22124	2763348.295									
1000	22125	2763348.295									

1000	22126	2763348.295									
1000	22127	2763526.523	2854-03-06 00:33:19	0.727039122	1.314660878	0.6871903º	1.226300292º	224.3477024	61.24408166	0.988903535	Total
1000	22128	2763526.523									
1000	22129	2763526.523									
1000	22130	2763526.523									
1000	22131	2763526.523									
1000	22132	2763526.523									
1000	22133	2763702.846	2854-08-29 08:18:37	0.754451592	1.287248408	0.768142795º	1.29467697º	231.280556	56.79721441	1.01252265	Total
1000	22134	2763702.846									
1000	22135	2763702.846									
1000	22136	2763702.846									
1000	22137	2763702.846									
1000	22138	2763702.846									
1000	22139	2763880.6	2855-02-23 02:23:47	0.715402783	1.326297217	0.652041884º	1.19231675º	223.2641915	63.54599684	0.986771385	Umbral
1000	22140	2763880.6									
1000	22141	2763880.6									
1000	22142	2763880.6									
1000	22143	2763880.6									
1000	22144	2764028.261	2855-07-20 18:16:20	0.756033073	1.285666927	0.771490802º	1.296068255º	232.2428363	56.66624246	1.016299451	Grazing
1000	22145	2764028.261									
1000	22146	2764028.261									
1000	22147	2764028.261									
1000	22148	2764028.261									
1000	22149	2764057.552	2855-08-19 01:14:13	0.758278013	1.283421987	0.782440004º	1.308102463º	231.817512	56.04215522	1.014201734	Umbral
1000	22150	2764204.842	2856-01-13 08:13:05	0.723947997	1.317752003	0.680460365º	1.222430842º	223.0776922	61.58692159	0.983684169	Penumbral
1000	22151	2764204.842									
1000	22152	2764204.842									
1000	22153	2764204.842									
1000	22154	2764204.842									
1000	22155	2764234.57	2856-02-12 01:40:41	0.717677466	1.324022534	0.659825701º	1.201002089º	223.0665737	62.98241797	0.985127566	Penumbral
1000	22156	2764382.839	2856-07-09 08:08:42	0.743468559	1.298231441	0.723846363º	1.2485307º	231.5543162	59.40722021	1.016092421	Umbral
1000	22157	2764382.839									
1000	22158	2764382.839									
1000	22159	2764382.839									
1000	22160	2764382.839									
1000	22161	2764412.217	2856-08-07 17:12:09	0.750437526	1.291262474	0.750439231º	1.275483371º	231.7139685	57.83359953	1.01539611	Grazing
1000	22162	2764559.176	2857-01-01 16:14:01	0.740084017	1.301615983	0.73482931º	1.276487469º	224.1208414	58.25894086	0.984251357	Umbral
1000	22163	2764559.176									
1000	22164	2764559.176									
1000	22165	2764559.176									
1000	22166	2764559.176									
1000	22167	2764737.131	2857-06-28 15:08:55	0.72883386	1.31286614	0.674691037º	1.199767392º	230.5321348	62.51833849	1.015333813	Total
1000	22168	2764737.131									
1000	22169	2764737.131									

1000	22170	2764737.131									
1000	22171	2764737.131									
1000	22172	2764913.761	2857-12-22 06:15:38	0.750666234	1.291033766	0.77394341º	1.314986756º	224.9297885	56.08928331	0.985369806	Total
1000	22173	2764913.761									
1000	22174	2764913.761									
1000	22175	2764913.761									
1000	22176	2764913.761									
1000	22177	2764913.761									
1000	22178	2765091.177	2858-06-17 16:15:36	0.723058968	1.318641032	0.657378908º	1.183155642º	229.8976843	63.67378011	1.013981303	Umbral
1000	22179	2765091.177									
1000	22180	2765091.177									
1000	22181	2765091.177									
1000	22182	2765091.177									
1000	22183	2765091.177									
1000	22184	2765268.418	2858-12-11 22:02:10	0.749227798	1.292472202	0.767235083º	1.307397812º	225.1838484	56.47648305	0.986976239	Umbral
1000	22185	2765268.418									
1000	22186	2765268.418									
1000	22187	2765268.418									
1000	22188	2765268.418									
1000	22189	2765268.418									
1000	22190	2765415.729	2859-05-08 05:29:57	0.736263748	1.305436252	0.706654173º	1.236918487º	228.5814882	60.29133118	1.005400069	Penumbral
1000	22191	2765415.729									
1000	22192	2765415.729									
1000	22193	2765415.729									
1000	22194	2765415.729									
1000	22195	2765445.257	2859-06-06 18:10:28	0.730681675	1.311018325	0.682936587º	1.209662476º	229.8849181	61.91812173	1.01215412	Penumbral
1000	22196	2765593.391	2859-11-01 21:22:42	0.730628684	1.311071316	0.693833917º	1.228918737º	226.2348205	60.94716556	0.996342557	Penumbral
1000	22197	2765593.391									
1000	22198	2765593.391									
1000	22199	2765593.391									
1000	22200	2765622.954	2859-12-01 10:53:27	0.73697817	1.30472183	0.7205894º	1.259649405º	224.9566937	59.17474864	0.988995238	Penumbral
1000	22201	2765770.215	2860-04-26 17:10:07	0.749859118	1.291840882	0.758293587º	1.290085978º	228.6443481	57.19985411	1.002511105	Umbral
1000	22202	2765770.215									
1000	22203	2765770.215									
1000	22204	2765770.215									
1000	22205	2765770.215									
1000	22206	2765799.611	2860-05-26 02:39:54	0.745119822	1.296580178	0.73468171º	1.262544323º	230.1508437	58.66723882	1.009974498	Grazing
1000	22207	2765947.513	2860-10-21 00:18:09	0.719758947	1.321941053	0.657128889º	1.190555493º	226.3176438	63.42916881	0.999439798	Umbral
1000	22208	2765947.513									
1000	22209	2765947.513									
1000	22210	2765947.513									
1000	22211	2765947.513									
1000	22212	2766124.882	2861-04-16 09:10:28	0.754921179	1.286778821	0.780409567º	1.313768648º	228.2521994	55.94652713	0.999566328	Total
1000	22213	2766124.882									

1000	22214	2766124.882									
1000	22215	2766124.882									
1000	22216	2766124.882									
1000	22217	2766124.882									
1000	22218	2766301.508	2861-10-10 00:11:51	0.721897373	1.319802627	0.661755729º	1.193505874º	227.1219675	63.16893022	1.002590751	Total
1000	22219	2766301.508									
1000	22220	2766301.508									
1000	22221	2766301.508									
1000	22222	2766301.508									
1000	22223	2766301.508									
1000	22224	2766479.539	2862-04-06 00:56:20	0.747799771	1.293900229	0.754649205º	1.289594326º	227.2406063	57.31665664	0.996602748	Umbral
1000	22225	2766479.539									
1000	22226	2766479.539									
1000	22227	2766479.539									
1000	22228	2766479.539									
1000	22229	2766626.235	2862-08-30 17:37:46	0.745578179	1.296121821	0.734524378º	1.261185016º	230.7398514	58.71160305	1.01227952	Grazing
1000	22230	2766626.235									
1000	22231	2766626.235									
1000	22232	2766626.235									
1000	22233	2766626.235									
1000	22234	2766655.688	2862-09-29 04:31:24	0.735828936	1.305871064	0.704946257º	1.235102876º	228.6207027	60.40106575	1.005604303	Umbral
1000	22235	2766804.356	2863-02-24 20:32:42	0.722326135	1.319373865	0.673200188º	1.213333121º	223.7010082	62.12173768	0.987030683	Penumbral
1000	22236	2766804.356									
1000	22237	2766804.356									
1000	22238	2766804.356									
1000	22239	2766804.356									
1000	22240	2766833.996	2863-03-26 11:54:17	0.732089732	1.309610268	0.700725719º	1.237264794º	225.6768654	60.46720333	0.993642034	Penumbral
1000	22241	2766980.849	2863-08-20 08:22:32	0.756984362	1.284715638	0.777218837º	1.302966458º	231.7344832	56.32182379	1.014037451	Penumbral
1000	22242	2766980.849									
1000	22243	2766980.849									
1000	22244	2766980.849									
1000	22245	2766980.849									
1000	22246	2767010.176	2863-09-18 16:13:54	0.7510552	1.2906448	0.758130175º	1.2868472º	230.1228634	57.29444489	1.008342369	Penumbral
1000	22247	2767158.369	2864-02-13 20:51:56	0.714216025	1.327483975	0.649292049º	1.190361934º	222.908147	63.70918193	0.985321476	Umbral
1000	22248	2767158.369									
1000	22249	2767158.369									
1000	22250	2767158.369									
1000	22251	2767158.369									
1000	22252	2767335.565	2864-08-09 01:32:55	0.757340275	1.284359725	0.777682979º	1.302775978º	232.0430887	56.31423682	1.01530163	Total
1000	22253	2767335.565									
1000	22254	2767335.565									
1000	22255	2767335.565									
1000	22256	2767335.565									
1000	22257	2767512.369	2865-02-01 20:50:42	0.720745648	1.320954352	0.669948413º	1.211627129º	223.02435	62.2863065	0.984214002	Total

1000	22258	2767512.369									
1000	22259	2767512.369									
1000	22260	2767512.369									
1000	22261	2767512.369									
1000	22262	2767512.369									
1000	22263	2767690.186	2865-07-29 16:27:43	0.746744261	1.294955739	0.735933935º	1.260633857º	231.7002277	58.68577498	1.01606224	Total
1000	22264	2767690.186									
1000	22265	2767690.186									
1000	22266	2767690.186									
1000	22267	2767690.186									
1000	22268	2767690.186									
1000	22269	2767866.629	2866-01-22 03:05:51	0.736248083	1.305451917	0.721527178º	1.263485974º	223.7960386	59.03287042	0.98370537	Umbral
1000	22270	2767866.629									
1000	22271	2767866.629									
1000	22272	2767866.629									
1000	22273	2767866.629									
1000	22274	2767866.629									
1000	22275	2768014.976	2866-06-19 11:25:43	0.72566363	1.31603637	0.665331162º	1.1909959º	230.1005156	63.13068783	1.014197339	Grazing
1000	22276	2768014.976									
1000	22277	2768014.976									
1000	22278	2768014.976									
1000	22279	2768014.976									
1000	22280	2768044.545	2866-07-19 01:05:10	0.731889197	1.309810803	0.683925407º	1.208515604º	230.9371931	61.92266625	1.016274761	Penumbral
1000	22281	2768191.73	2866-12-13 05:30:53	0.751806951	1.289893049	0.777526903º	1.317806145º	225.2705732	55.91731341	0.986763391	Penumbral
1000	22282	2768191.73									
1000	22283	2768191.73									
1000	22284	2768191.73									
1000	22285	2768221.168	2867-01-11 16:01:31	0.748804603	1.292895397	0.76780151º	1.309728915º	224.491914	56.39797451	0.983762351	Penumbral
1000	22286	2768368.997	2867-06-08 11:55:58	0.723619712	1.318080288	0.660193315º	1.18677307º	229.5606361	63.45173705	1.012435007	Umbral
1000	22287	2768368.997									
1000	22288	2768368.997									
1000	22289	2768368.997									
1000	22290	2768368.997									
1000	22291	2768398.63	2867-07-08 03:06:43	0.723684485	1.318015515	0.657858639º	1.182614076º	230.4246965	63.67560146	1.015954748	Grazing
1000	22292	2768546.375	2867-12-02 20:59:46	0.746876263	1.294823737	0.756875401º	1.296077603º	225.4528982	57.07402356	0.988734423	Umbral
1000	22293	2768546.375									
1000	22294	2768546.375									
1000	22295	2768546.375									
1000	22296	2768546.375									
1000	22297	2768723.136	2868-05-27 15:16:22	0.734176762	1.307523238	0.695989169º	1.223689926º	229.6143289	61.04283842	1.010284276	Total
1000	22298	2768723.136									
1000	22299	2768723.136									
1000	22300	2768723.136									
1000	22301	2768723.136									

1000	22302	2768723.136									
1000	22303	2768900.846	2868-11-21 08:18:47	0.732903135	1.308796865	0.705042575º	1.242940748º	225.2012803	60.15664791	0.991131417	Total
1000	22304	2768900.846									
1000	22305	2768900.846									
1000	22306	2768900.846									
1000	22307	2768900.846									
1000	22308	2768900.846									
1000	22309	2769077.57	2869-05-17 01:40:38	0.748471233	1.293228767	0.748906775º	1.27790955º	229.8051216	57.80907293	1.007797696	Umbral
1000	22310	2769077.57									
1000	22311	2769077.57									
1000	22312	2769077.57									
1000	22313	2769077.57									
1000	22314	2769255.021	2869-11-10 12:30:52	0.719899864	1.321800136	0.661163981º	1.197561324º	225.0861147	63.05236034	0.993904583	Umbral
1000	22315	2769255.021									
1000	22316	2769255.021									
1000	22317	2769255.021									
1000	22318	2769255.021									
1000	22319	2769255.021									
1000	22320	2769402.872	2870-04-07 08:55:17	0.753682426	1.288017574	0.777396302º	1.31215848º	227.6094838	56.07093699	0.996943689	Penumbral
1000	22321	2769402.872									
1000	22322	2769402.872									
1000	22323	2769402.872									
1000	22324	2769402.872									
1000	22325	2769432.222	2870-05-06 17:19:28	0.756013369	1.285686631	0.780580669º	1.311017596º	229.5544842	56.01497391	1.005072896	Penumbral
1000	22326	2769579.334	2870-09-30 20:00:16	0.725530211	1.316169789	0.671392251º	1.201783363º	227.9197475	62.5628837	1.005159713	Penumbral
1000	22327	2769579.334									
1000	22328	2769579.334									
1000	22329	2769579.334									
1000	22330	2769579.334									
1000	22331	2769609.008	2870-10-30 12:12:07	0.718615578	1.323084422	0.655339065º	1.190095834º	225.6750533	63.50710246	0.996953772	Penumbral
1000	22332	2769757.488	2871-03-27 23:42:10	0.743392024	1.298307976	0.739989193º	1.276320577º	226.4408673	58.11292907	0.994026815	Umbral
1000	22333	2769757.488									
1000	22334	2769757.488									
1000	22335	2769757.488									
1000	22336	2769757.488									
1000	22337	2769933.603	2871-09-20 02:27:46	0.740981689	1.300718311	0.721151313º	1.250049348º	229.4729146	59.4439197	1.007997276	Umbral
1000	22338	2769933.603									
1000	22339	2769933.603									
1000	22340	2769933.603									
1000	22341	2769933.603									
1000	22342	2770111.858	2872-03-16 08:35:22	0.726916758	1.314783242	0.685229058º	1.223046487º	224.8602697	61.41149027	0.991280217	Total
1000	22343	2770111.858									
1000	22344	2770111.858									
1000	22345	2770111.858									

1000	22346	2770111.858									
1000	22347	2770111.858									
1000	22348	2770288.164	2872-09-08 15:55:46	0.754443548	1.287256452	0.769791614º	1.297406697º	230.7830176	56.6769151	1.010448327	Total
1000	22349	2770288.164									
1000	22350	2770288.164									
1000	22351	2770288.164									
1000	22352	2770288.164									
1000	22353	2770288.164									
1000	22354	2770465.927	2873-03-05 10:14:24	0.715765421	1.325934579	0.651903425º	1.191075686º	223.7156038	63.59333838	0.988789328	Umbral
1000	22355	2770465.927									
1000	22356	2770465.927									
1000	22357	2770465.927									
1000	22358	2770465.927									
1000	22359	2770465.927									
1000	22360	2770613.571	2873-07-31 01:41:43	0.755411036	1.286288964	0.769300513º	1.294034875º	232.127742	56.7825361	1.015995552	Grazing
1000	22361	2770613.571									
1000	22362	2770613.571									
1000	22363	2770613.571									
1000	22364	2770613.571									
1000	22365	2770642.868	2873-08-29 08:50:31	0.757669962	1.284030038	0.781345468º	1.307882475º	231.3825933	56.07770862	1.012517203	Umbral
1000	22366	2770790.189	2874-01-23 16:31:45	0.724718168	1.316981832	0.682884722º	1.224846147º	223.1327402	61.43028858	0.983700598	Penumbral
1000	22367	2770790.189									
1000	22368	2770790.189									
1000	22369	2770790.189									
1000	22370	2770819.904	2874-02-22 09:41:52	0.718644517	1.323055483	0.661835742º	1.202168517º	223.4498385	62.87455238	0.98666563	Penumbral
1000	22371	2770968.134	2874-07-20 15:13:25	0.742583875	1.299116125	0.720535011º	1.245118347º	231.5497847	59.61087734	1.016288054	Penumbral
1000	22372	2770968.134									
1000	22373	2770968.134									
1000	22374	2770968.134									
1000	22375	2770968.134									
1000	22376	2770997.522	2874-08-19 00:31:55	0.749307897	1.292392103	0.747134555º	1.272808697º	231.3550827	58.00535164	1.014179194	Penumbral
1000	22377	2771144.537	2875-01-13 00:53:45	0.74067849	1.30102151	0.737344935º	1.279306582º	224.0391408	58.10454232	0.983700194	Umbral
1000	22378	2771144.537									
1000	22379	2771144.537									
1000	22380	2771144.537									
1000	22381	2771144.537									
1000	22382	2771322.408	2875-07-09 21:47:35	0.728381667	1.313318333	0.672686818º	1.197383806º	230.6893742	62.66527527	1.016067921	Total
1000	22383	2771322.408									
1000	22384	2771322.408									
1000	22385	2771322.408									
1000	22386	2771322.408									
1000	22387	2771322.408									
1000	22388	2771499.128	2876-01-02 15:04:27	0.750623744	1.291076256	0.774560717º	1.316214618º	224.6930959	56.0398207	0.984259094	Total
1000	22389	2771499.128									

1000	22390	2771499.128									
1000	22391	2771499.128									
1000	22392	2771499.128									
1000	22393	2771676.449	2876-06-27 22:46:31	0.723585292	1.318114708	0.658119262º	1.183220895º	230.2336004	63.6456381	1.015284936	Umbral
1000	22394	2771676.449									
1000	22395	2771676.449									
1000	22396	2771676.449									
1000	22397	2771676.449									
1000	22398	2771676.449									
1000	22399	2771853.781	2876-12-22 06:44:33	0.748416438	1.293283562	0.76520755º	1.306254099º	224.803026	56.56336216	0.985363973	Umbral
1000	22400	2771853.781									
1000	22401	2771853.781									
1000	22402	2771853.781									
1000	22403	2771853.781									
1000	22404	2771853.781									
1000	22405	2772001.036	2877-05-18 12:52:21	0.73793681	1.30376319	0.710489549º	1.239336156º	229.2995643	60.09711516	1.008095298	Penumbral
1000	22406	2772001.036									
1000	22407	2772001.036									
1000	22408	2772001.036									
1000	22409	2772001.036									
1000	22410	2772030.544	2877-06-17 01:02:52	0.732025367	1.309674633	0.686089918º	1.211907471º	230.3777091	61.7413106	1.013902589	Penumbral
1000	22411	2772178.716	2877-11-12 05:11:43	0.72898794	1.31271206	0.690324806º	1.226941461º	225.5120421	61.12244665	0.99349838	Penumbral
1000	22412	2772178.716									
1000	22413	2772178.716									
1000	22414	2772178.716									
1000	22415	2772178.716									
1000	22416	2772208.302	2877-12-11 19:14:23	0.735612497	1.306087503	0.71719699º	1.257357179º	224.441862	59.34582149	0.986980878	Penumbral
1000	22417	2772355.543	2878-05-08 01:01:49	0.751223873	1.290476127	0.761363671º	1.291645348º	229.3773629	57.07019403	1.005367148	Umbral
1000	22418	2772355.543									
1000	22419	2772355.543									
1000	22420	2772355.543									
1000	22421	2772384.919	2878-06-06 10:04:00	0.746571929	1.295128071	0.73836378º	1.265126619º	230.7427935	58.48308432	1.01208312	Grazing
1000	22422	2772532.819	2878-11-01 07:38:47	0.718542775	1.323157225	0.655356114º	1.190354428º	225.5831645	63.49766986	0.99650366	Umbral
1000	22423	2772532.819									
1000	22424	2772532.819									
1000	22425	2772532.819									
1000	22426	2772532.819									
1000	22427	2772710.221	2879-04-27 17:17:31	0.755617449	1.286082551	0.780888795º	1.312684284º	228.967248	55.96235178	1.002505265	Total
1000	22428	2772710.221									
1000	22429	2772710.221									
1000	22430	2772710.221									
1000	22431	2772710.221									
1000	22432	2772710.221									
1000	22433	2772886.81	2879-10-21 07:27:03	0.721484368	1.320215632	0.662485463º	1.195793624º	226.417667	63.06658002	0.999661765	Total

1000	22434	2772886.81									
1000	22435	2772886.81									
1000	22436	2772886.81									
1000	22437	2772886.81									
1000	22438	2772886.81									
1000	22439	2773064.877	2880-04-16 09:03:17	0.747900526	1.293799474	0.752805221º	1.286169326º	227.9187447	57.46470342	0.999556912	Umbral
1000	22440	2773064.877									
1000	22441	2773064.877									
1000	22442	2773064.877									
1000	22443	2773064.877									
1000	22444	2773064.877									
1000	22445	2773211.543	2880-09-10 01:02:21	0.745863161	1.295836839	0.737213396º	1.264990925º	230.2485355	58.52100794	1.010137318	Grazing
1000	22446	2773211.543									
1000	22447	2773211.543									
1000	22448	2773211.543									
1000	22449	2773241.002	2880-10-09 12:02:11	0.735916937	1.305783063	0.707312577º	1.238996231º	227.961076	60.20677102	1.002716132	Umbral
1000	22450	2773389.69	2881-03-07 04:33:47	0.722231869	1.319468131	0.67161603º	1.210591851º	224.1391379	62.26450948	0.989149712	Penumbral
1000	22451	2773389.69									
1000	22452	2773389.69									
1000	22453	2773389.69									
1000	22454	2773389.69									
1000	22455	2773419.325	2881-04-05 19:47:43	0.732029189	1.309670811	0.698580399º	1.233548637º	226.3104877	60.65064017	0.996559683	Penumbral
1000	22456	2773566.165	2881-08-30 15:58:10	0.756889336	1.284810664	0.77823578º	1.304909335º	231.314914	56.24185172	1.012254693	Penumbral
1000	22457	2773566.165									
1000	22458	2773566.165									
1000	22459	2773566.165									
1000	22460	2773566.165									
1000	22461	2773595.499	2881-09-28 23:59:16	0.751008857	1.290691143	0.760024356º	1.290182979º	229.4931298	57.14832774	1.005600503	Penumbral
1000	22462	2773743.699	2882-02-24 04:46:07	0.714688344	1.327011656	0.649742124º	1.18990032º	223.2775394	63.70929367	0.986984519	Umbral
1000	22463	2773743.699									
1000	22464	2773743.699									
1000	22465	2773743.699									
1000	22466	2773743.699									
1000	22467	2773920.878	2882-08-20 09:04:08	0.756626324	1.285073676	0.77584599º	1.301625901º	231.6965792	56.39555684	1.013975176	Umbral
1000	22468	2773920.878									
1000	22469	2773920.878									
1000	22470	2773920.878									
1000	22471	2773920.878									
1000	22472	2773920.878									
1000	22473	2774097.709	2883-02-13 05:00:46	0.72172666	1.31997334	0.672340499º	1.21341726º	223.3121891	62.14763569	0.985308955	Total
1000	22474	2774097.709									
1000	22475	2774097.709									
1000	22476	2774097.709									
1000	22477	2774097.709									

1000	22478	2774275.485	2883-08-09 23:39:05	0.745627685	1.296072315	0.732455648º	1.257562966º	231.4447463	58.87946816	1.015273944	Total
1000	22479	2774275.485									
1000	22480	2774275.485									
1000	22481	2774275.485									
1000	22482	2774275.485									
1000	22483	2774275.485									
1000	22484	2774451.987	2884-02-02 11:40:47	0.737178784	1.304521216	0.724436951º	1.266129519º	223.9600447	58.86771297	0.984188836	Umbral
1000	22485	2774451.987									
1000	22486	2774451.987									
1000	22487	2774451.987									
1000	22488	2774451.987									
1000	22489	2774451.987									
1000	22490	2774600.251	2884-06-29 18:01:00	0.725549803	1.316150197	0.664123003º	1.189139043º	230.3857665	63.23515623	1.015450457	Grazing
1000	22491	2774600.251									
1000	22492	2774600.251									
1000	22493	2774600.251									
1000	22494	2774600.251									
1000	22495	2774629.825	2884-07-29 07:47:45	0.731012214	1.310687786	0.681243717º	1.205932045º	230.828321	62.0958854	1.016084692	Penumbral
1000	22496	2774777.095	2884-12-23 14:17:12	0.751471294	1.290228706	0.777288081º	1.318445682º	224.9240813	55.90681203	0.985161767	Penumbral
1000	22497	2774777.095									
1000	22498	2774777.095									
1000	22499	2774777.095									
1000	22500	2774777.095									
1000	22501	2774806.536	2885-01-22 00:51:40	0.749157301	1.292542699	0.76920713º	1.311189557º	224.4970964	56.3201089	0.983662479	Penumbral
1000	22502	2774954.273	2885-06-18 18:32:51	0.724509902	1.317190098	0.661794391º	1.187480236º	230.013133	63.37205722	1.014156616	Total Penumbral
1000	22503	2774954.273									
1000	22504	2774954.273									
1000	22505	2774954.273									
1000	22506	2774983.898	2885-07-18 09:33:12	0.723711343	1.317988657	0.657730588º	1.182310152º	230.5011402	63.69053227	1.016295362	Grazing
1000	22507	2775131.732	2885-12-13 05:34:30	0.745798007	1.295901993	0.754173456º	1.294478207º	224.9702802	57.1944139	0.986716806	Umbral
1000	22508	2775131.732									
1000	22509	2775131.732									
1000	22510	2775131.732									
1000	22511	2775131.732									
1000	22512	2775308.431	2886-06-07 22:20:53	0.735693204	1.306006796	0.699575097º	1.226182691º	230.1996354	60.84937356	1.012381484	Total
1000	22513	2775308.431									
1000	22514	2775308.431									
1000	22515	2775308.431									
1000	22516	2775308.431									
1000	22517	2775308.431									
1000	22518	2775486.186	2886-12-02 16:27:42	0.731407476	1.310292524	0.701572371º	1.240756312º	224.6023472	60.33257318	0.98876791	Total
1000	22519	2775486.186									
1000	22520	2775486.186									
1000	22521	2775486.186									

1000	22522	2775486.186									
1000	22523	2775486.186									
1000	22524	2775662.886	2887-05-28 09:15:52	0.749871951	1.291828049	0.752322207º	1.280050006º	230.4573407	57.65034904	1.010232507	Umbral
1000	22525	2775662.886									
1000	22526	2775662.886									
1000	22527	2775662.886									
1000	22528	2775662.886									
1000	22529	2775662.886									
1000	22530	2775840.341	2887-11-21 20:10:29	0.718628972	1.323071028	0.658979541º	1.196800557º	224.4276443	63.15312695	0.991273605	Umbral
1000	22531	2775840.341									
1000	22532	2775840.341									
1000	22533	2775840.341									
1000	22534	2775840.341									
1000	22535	2775988.214	2888-04-17 17:08:28	0.754181905	1.287518095	0.777084468º	1.310281488º	228.31013	56.1294799	0.999870139	Penumbral
1000	22536	2775988.214									
1000	22537	2775988.214									
1000	22538	2775988.214									
1000	22539	2775988.214									
1000	22540	2776017.55	2888-05-17 01:12:42	0.756818434	1.284881566	0.781672831º	1.310691803º	230.2284144	55.99406481	1.007766842	Penumbral
1000	22541	2776164.634	2888-10-11 03:13:38	0.725336502	1.316363498	0.672783281º	1.204687163º	227.2382743	62.41986966	1.002300973	Penumbral
1000	22542	2776164.634									
1000	22543	2776164.634									
1000	22544	2776164.634									
1000	22545	2776164.634									
1000	22546	2776194.32	2888-11-09 19:40:32	0.718054809	1.323645191	0.655497081º	1.191793751º	225.0010329	63.44361852	0.994091158	Penumbral
1000	22547	2776342.827	2889-04-07 07:51:10	0.743374173	1.298325827	0.737840692º	1.272617016º	227.0842789	58.28206855	0.996917316	Umbral
1000	22548	2776342.827									
1000	22549	2776342.827									
1000	22550	2776342.827									
1000	22551	2776342.827									
1000	22552	2776372.238	2889-05-06 17:42:35	0.751874707	1.289825293	0.763981602º	1.294424116º	229.3747073	56.92027159	1.005062308	Grazing
1000	22553	2776518.916	2889-09-30 09:59:16	0.741131682	1.300568318	0.723692135º	1.254019227º	228.8495753	59.24815943	1.005281055	Umbral
1000	22554	2776518.916									
1000	22555	2776518.916									
1000	22556	2776518.916									
1000	22557	2776518.916									
1000	22558	2776697.187	2890-03-27 16:28:50	0.726890052	1.314809948	0.683377054º	1.219734704º	225.4484041	61.57810442	0.993978136	Total
1000	22559	2776697.187									
1000	22560	2776697.187									
1000	22561	2776697.187									
1000	22562	2776697.187									
1000	22563	2776873.486	2890-09-19 23:39:15	0.754308756	1.287391244	0.771200782º	1.300091605º	230.2006736	56.56495793	1.008011019	Total
1000	22564	2776873.486									
1000	22565	2776873.486									

1000	22566	2776873.486									
1000	22567	2776873.486									
1000	22568	2776873.486									
1000	22569	2777051.249	2891-03-16 17:57:58	0.716282626	1.325417374	0.651975991º	1.189855149º	224.2620512	63.63266869	0.991166452	Umbral
1000	22570	2777051.249									
1000	22571	2777051.249									
1000	22572	2777051.249									
1000	22573	2777051.249									
1000	22574	2777051.249									
1000	22575	2777198.88	2891-08-11 09:07:35	0.754616969	1.287083031	0.766846928º	1.292035316º	231.8787409	56.90573918	1.015117223	Grazing
1000	22576	2777198.88									
1000	22577	2777198.88									
1000	22578	2777198.88									
1000	22579	2777198.88									
1000	22580	2777228.188	2891-09-09 16:31:01	0.756917417	1.284782583	0.779991365º	1.307622853º	230.846145	56.12142126	1.010416911	Umbral
1000	22581	2777375.535	2892-02-04 00:50:25	0.725659332	1.316040668	0.685531098º	1.227157205º	223.3159628	61.27057242	0.984309602	Penumbral
1000	22582	2777375.535									
1000	22583	2777375.535									
1000	22584	2777375.535									
1000	22585	2777375.535									
1000	22586	2777553.428	2892-07-30 22:16:28	0.741544565	1.300155435	0.717104202º	1.241854457º	231.4090392	59.81512294	1.01596478	Penumbral
1000	22587	2777553.428									
1000	22588	2777553.428									
1000	22589	2777553.428									
1000	22590	2777553.428									
1000	22591	2777582.829	2892-08-29 07:53:52	0.748033963	1.293666037	0.743664645º	1.270220417º	230.8805116	58.18047645	1.01248112	Penumbral
1000	22592	2777729.899	2893-01-23 09:34:52	0.741398452	1.300301548	0.739953373º	1.281899201º	224.0834235	57.95471701	0.983728908	Umbral
1000	22593	2777729.899									
1000	22594	2777729.899									
1000	22595	2777729.899									
1000	22596	2777729.899									
1000	22597	2777907.683	2893-07-20 04:23:30	0.727806673	1.313893327	0.670669663º	1.195265935º	230.7134643	62.80445984	1.016262993	Total
1000	22598	2777907.683									
1000	22599	2777907.683									
1000	22600	2777907.683									
1000	22601	2777907.683									
1000	22602	2777907.683									
1000	22603	2778084.497	2894-01-12 23:55:35	0.750679121	1.291020879	0.775185162º	1.317119985º	224.578542	55.99882266	0.983748885	Total
1000	22604	2778084.497									
1000	22605	2778084.497									
1000	22606	2778084.497									
1000	22607	2778084.497									
1000	22608	2778084.497									
1000	22609	2778261.719	2894-07-09 05:14:58	0.724009053	1.317690947	0.658875539º	1.183600271º	230.4441484	63.60619045	1.016014197	Total

1000	22610	2778261.719									
1000	22611	2778261.719									
1000	22612	2778261.719									
1000	22613	2778261.719									
1000	22614	2778439.146	2895-01-02 15:30:09	0.747701801	1.293998199	0.763208385º	1.304852768º	224.5364136	56.65673161	0.984276389	Umbral
1000	22615	2778439.146									
1000	22616	2778439.146									
1000	22617	2778439.146									
1000	22618	2778439.146									
1000	22619	2778439.146									
1000	22620	2778586.34	2895-05-29 20:09:36	0.739542666	1.302157334	0.714319082º	1.241894677º	229.9565501	59.90004343	1.010523956	Grazing
1000	22621	2778586.34									
1000	22622	2778586.34									
1000	22623	2778586.34									
1000	22624	2778586.34									
1000	22625	2778615.828	2895-06-28 07:52:57	0.733260609	1.308439391	0.689242363º	1.214380007º	230.7580799	61.55822594	1.015215315	Penumbral
1000	22626	2778764.047	2895-11-23 13:07:20	0.72743027	1.31426973	0.686959701º	1.225016365º	224.8469489	61.29240657	0.990839466	Penumbral
1000	22627	2778764.047									
1000	22628	2778764.047									
1000	22629	2778764.047									
1000	22630	2778764.047									
1000	22631	2778793.652	2895-12-23 03:39:28	0.734364544	1.307335456	0.713926757º	1.254981619º	224.0306466	59.51665263	0.985348835	Penumbral
1000	22632	2778940.866	2896-05-18 08:47:22	0.752517206	1.289182794	0.764323915º	1.293169697º	230.0707404	56.94515749	1.00809687	Umbral
1000	22633	2778940.866									
1000	22634	2778940.866									
1000	22635	2778940.866									
1000	22636	2778940.866									
1000	22637	2778970.225	2896-06-16 17:24:40	0.747902664	1.293797336	0.741956328º	1.267775971º	231.2375199	58.30077726	1.013898559	Grazing
1000	22638	2779118.13	2896-11-11 15:07:32	0.717410323	1.324289677	0.653734245º	1.190298939º	224.8858743	63.55607085	0.993594592	Umbral
1000	22639	2779118.13									
1000	22640	2779118.13									
1000	22641	2779118.13									
1000	22642	2779295.554	2897-05-08 01:17:10	0.756253548	1.285446452	0.781201483º	1.3114439º	229.6652144	55.98683552	1.005441588	Total
1000	22643	2779295.554									
1000	22644	2779295.554									
1000	22645	2779295.554									
1000	22646	2779295.554									
1000	22647	2779295.554									
1000	22648	2779472.119	2897-10-31 14:51:51	0.721113239	1.320586761	0.663287997º	1.198208489º	225.7262805	62.95779849	0.996648634	Total
1000	22649	2779472.119									
1000	22650	2779472.119									
1000	22651	2779472.119									
1000	22652	2779472.119									
1000	22653	2779472.119									

1000	22654	2779650.209	2898-04-27 17:01:32	0.747974828	1.293725172	0.750842368º	1.282621694º	228.6036856	57.62037418	1.002535734	Umbral
1000	22655	2779650.209									
1000	22656	2779650.209									
1000	22657	2779650.209									
1000	22658	2779650.209									
1000	22659	2779650.209									
1000	22660	2779826.321	2898-10-20 19:42:26	0.7359782	1.3057218	0.709648649º	1.242891998º	227.2859937	60.01458927	0.999783268	Umbral
1000	22661	2779826.321									
1000	22662	2779826.321									
1000	22663	2779826.321									
1000	22664	2779826.321									
1000	22665	2779826.321									
1000	22666	2779975.019	2899-03-18 12:27:05	0.72226661	1.31943339	0.670161616º	1.207837941º	224.6694471	62.40399452	0.991540361	Penumbral
1000	22667	2779975.019									
1000	22668	2779975.019									
1000	22669	2779975.019									
1000	22670	2780004.647	2899-04-17 03:31:33	0.732004226	1.309695774	0.696430145º	1.229834358º	226.9784887	60.83529227	0.999481751	Penumbral
1000	22671	2780151.485	2899-09-10 23:38:56	0.756649641	1.285050359	0.779014257º	1.306775671º	230.7944461	56.17064701	1.010168162	Penumbral
1000	22672	2780151.485									
1000	22673	2780151.485									
1000	22674	2780151.485									
1000	22675	2780151.485									
1000	22676	2780180.828	2899-10-10 07:52:33	0.750880874	1.290819126	0.761765159º	1.293413572º	228.820521	57.01015414	1.0027826	Penumbral
1000	22677	2780329.024	2900-03-07 12:34:40	0.715335296	1.326364704	0.650406374º	1.18947437º	223.7546811	63.70067516	0.988980578	Umbral
1000	22678	2780329.024									
1000	22679	2780329.024									
1000	22680	2780329.024									
1000	22681	2780329.024									
1000	22682	2780506.193	2900-08-31 16:38:18	0.755757045	1.285942955	0.773783213º	1.300441433º	231.2352023	56.48425963	1.012284168	Umbral
1000	22683	2780506.193									
1000	22684	2780506.193									
1000	22685	2780506.193									
1000	22686	2780506.193									
1000	22687	2780506.193									
1000	22688	2780683.047	2901-02-24 13:07:44	0.722876152	1.318823848	0.674954367º	1.21517682º	223.7172557	62.00321639	0.986867122	Total
1000	22689	2780683.047									
1000	22690	2780683.047									
1000	22691	2780683.047									
1000	22692	2780683.047									
1000	22693	2780683.047									
1000	22694	2780860.786	2901-08-21 06:51:20	0.744362676	1.297337324	0.72884374º	1.254617379º	231.0635312	59.07476321	1.013987273	Total
1000	22695	2780860.786									
1000	22696	2780860.786									
1000	22697	2780860.786									

1000	22698	2780860.786									
1000	22699	2781037.343	2902-02-13 20:14:14	0.738242065	1.303457935	0.727497624º	1.268583793º	224.2462247	58.70451677	0.985291823	Umbral
1000	22700	2781037.343									
1000	22701	2781037.343									
1000	22702	2781037.343									
1000	22703	2781037.343									
1000	22704	2781037.343									
1000	22705	2781185.523	2902-07-12 00:32:38	0.725325749	1.316374251	0.662894941º	1.18758912º	230.5439873	63.33022391	1.01607336	Grazing
1000	22706	2781185.523									
1000	22707	2781185.523									
1000	22708	2781185.523									
1000	22709	2781185.523									
1000	22710	2781215.104	2902-08-10 14:30:00	0.730008316	1.311691684	0.678516805º	1.203626974º	230.5870107	62.26243799	1.015268433	Umbral
1000	22711	2781362.463	2903-01-04 23:06:53	0.751224908	1.290475092	0.777057598º	1.318755414º	224.6933383	55.90482508	0.9841793	Penumbral
1000	22712	2781362.463									
1000	22713	2781362.463									
1000	22714	2781362.463									
1000	22715	2781362.463									
1000	22716	2781391.904	2903-02-03 09:41:23	0.749616054	1.292083946	0.770650426º	1.3123356º	224.6278263	56.24986523	0.98420227	Penumbral
1000	22717	2781539.546	2903-07-01 01:06:34	0.725306317	1.316393683	0.663415462º	1.188488512º	230.3508823	63.28166322	1.015340204	Penumbral
1000	22718	2781539.546									
1000	22719	2781539.546									
1000	22720	2781539.546									
1000	22721	2781539.546									
1000	22722	2781569.166	2903-07-30 15:59:29	0.723625652	1.318074348	0.657621564º	1.182318146º	230.4424962	63.69407539	1.016068706	Grazing
1000	22723	2781717.093	2903-12-25 14:13:23	0.744812848	1.296887152	0.751531695º	1.292666453º	224.5921165	57.31951988	0.985203354	Umbral
1000	22724	2781717.093									
1000	22725	2781717.093									
1000	22726	2781717.093									
1000	22727	2781893.724	2904-06-19 05:22:08	0.737107908	1.304592092	0.703142221º	1.228868577º	230.6863962	60.65170623	1.014078468	Total
1000	22728	2781893.724									
1000	22729	2781893.724									
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1000	22731	2781893.724									
1000	22732	2781893.724									
1000	22733	2782071.529	2904-12-14 00:41:43	0.730026943	1.311673057	0.698259705º	1.238536091º	224.0950627	60.50566212	0.986768609	Total
1000	22734	2782071.529									
1000	22735	2782071.529									
1000	22736	2782071.529									
1000	22737	2782071.529									
1000	22738	2782071.529									
1000	22739	2782248.199	2905-06-08 16:46:34	0.751162047	1.290537953	0.755606285º	1.282226694º	231.0286431	57.4952275	1.01235685	Total
1000	22740	2782248.199									
1000	22741	2782248.199									

1000	22742	2782248.199									
1000	22743	2782248.199									
1000	22744	2782248.199									
1000	22745	2782425.665	2905-12-03 03:56:55	0.717487631	1.324212369	0.656986697º	1.196121391º	223.8456322	63.24483245	0.988858226	Umbral
1000	22746	2782425.665									
1000	22747	2782425.665									
1000	22748	2782425.665									
1000	22749	2782425.665									
1000	22750	2782425.665									
1000	22751	2782573.551	2906-04-30 01:13:45	0.754643536	1.287056464	0.776624106º	1.308226975º	229.0146722	56.19694485	1.002868511	Penumbral
1000	22752	2782573.551									
1000	22753	2782573.551									
1000	22754	2782573.551									
1000	22755	2782602.875	2906-05-29 08:59:44	0.757518805	1.284181195	0.782544784º	1.31027925º	230.8412647	55.98143197	1.010219745	Penumbral
1000	22756	2782749.942	2906-10-23 10:36:39	0.725149015	1.316550985	0.674212455º	1.207703171º	226.5471956	62.2725425	0.999319692	Grazing
1000	22757	2782749.942									
1000	22758	2782749.942									
1000	22759	2782749.942									
1000	22760	2782749.942									
1000	22761	2782779.637	2906-11-22 03:17:50	0.717595936	1.324104064	0.655811398º	1.193558984º	224.3837682	63.37255005	0.991408965	Penumbral
1000	22762	2782928.161	2907-04-19 15:51:13	0.743360895	1.298339105	0.735620265º	1.268802631º	227.7562823	58.45752696	0.999897619	Umbral
1000	22763	2782928.161									
1000	22764	2782928.161									
1000	22765	2782928.161									
1000	22766	2782928.161									
1000	22767	2782957.563	2907-05-19 01:30:22	0.751979612	1.289720388	0.762262554º	1.291275167º	230.0155846	57.05514499	1.007778955	Grazing
1000	22768	2783104.236	2907-10-12 17:39:36	0.741220977	1.300479023	0.72613473º	1.257993642º	228.1878609	59.05650755	1.00238572	Umbral
1000	22769	2783104.236									
1000	22770	2783104.236									
1000	22771	2783104.236									
1000	22772	2783104.236									
1000	22773	2783282.509	2908-04-08 00:12:57	0.726935766	1.314764234	0.681606242º	1.216405705º	226.09194	61.7435095	0.996874183	Total
1000	22774	2783282.509									
1000	22775	2783282.509									
1000	22776	2783282.509									
1000	22777	2783282.509									
1000	22778	2783282.509									
1000	22779	2783458.812	2908-10-01 07:29:45	0.754068197	1.287631803	0.772382988º	1.302706415º	229.5551129	56.46158091	1.005288001	Total
1000	22780	2783458.812									
1000	22781	2783458.812									
1000	22782	2783458.812									
1000	22783	2783458.812									
1000	22784	2783636.565	2909-03-28 01:33:31	0.716932284	1.324767716	0.652251521º	1.188673916º	224.8859916	63.66359492	0.993858166	Umbral
1000	22785	2783636.565									

1000	22786	2783636.565									
1000	22787	2783636.565									
1000	22788	2783636.565									
1000	22789	2783636.565									
1000	22790	2783784.191	2909-08-22 16:35:03	0.753660443	1.288039557	0.764172995º	1.290049616º	231.5043361	57.03528303	1.013788704	Grazing
1000	22791	2783784.191									
1000	22792	2783784.191									
1000	22793	2783784.191									
1000	22794	2783784.191									
1000	22795	2783813.512	2909-09-21 00:16:36	0.756039962	1.285660038	0.77839937º	1.307315216º	230.2271941	56.17296496	1.00796333	Umbral
1000	22796	2783960.88	2910-02-15 09:07:28	0.726764689	1.314935311	0.688386642º	1.229386341º	223.6225899	61.10753487	0.985449307	Penumbral
1000	22797	2783960.88									
1000	22798	2783960.88									
1000	22799	2783960.88									
1000	22800	2783960.88									
1000	22801	2783990.562	2910-03-17 01:29:29	0.721058281	1.320641719	0.666561936º	1.204515728º	224.5263604	62.63552514	0.991028942	Penumbral
1000	22802	2784138.722	2910-08-12 05:19:08	0.740356981	1.301343019	0.713568882º	1.238755093º	231.1359323	60.0189994	1.015121432	Penumbral
1000	22803	2784138.722									
1000	22804	2784138.722									
1000	22805	2784138.722									
1000	22806	2784168.138	2910-09-10 15:19:05	0.746633896	1.295066104	0.740067743º	1.267709415º	230.3061316	58.35816459	1.010397408	Penumbral
1000	22807	2784315.261	2911-02-04 18:15:44	0.742242935	1.299457065	0.742641619º	1.2842848º	224.2530341	57.80922409	0.984278574	Umbral
1000	22808	2784315.261									
1000	22809	2784315.261									
1000	22810	2784315.261									
1000	22811	2784315.261									
1000	22812	2784492.957	2911-08-01 10:58:08	0.727109142	1.314590858	0.668672882º	1.193399375º	230.6026383	62.93512883	1.016010789	Umbral
1000	22813	2784492.957									
1000	22814	2784492.957									
1000	22815	2784492.957									
1000	22816	2784492.957									
1000	22817	2784492.957									
1000	22818	2784669.866	2912-01-25 08:47:28	0.750836797	1.290863203	0.775786306º	1.317735758º	224.5897171	55.96620175	0.983722331	Total
1000	22819	2784669.866									
1000	22820	2784669.866									
1000	22821	2784669.866									
1000	22822	2784669.866									
1000	22823	2784669.866									
1000	22824	2784846.988	2912-07-20 11:42:29	0.724321986	1.317378014	0.659682972º	1.18425527º	230.5220839	63.55556894	1.016309439	Total
1000	22825	2784846.988									
1000	22826	2784846.988									
1000	22827	2784846.988									
1000	22828	2784846.988									
1000	22829	2784846.988									

1000	22830	2785024.512	2913-01-14 00:17:32	0.747093402	1.294606598	0.761243469º	1.303186676º	224.3915513	56.75668592	0.983733666	Umbral
1000	22831	2785024.512									
1000	22832	2785024.512									
1000	22833	2785024.512									
1000	22834	2785024.512									
1000	22835	2785171.641	2913-06-10 03:22:40	0.74105591	1.30064409	0.718103264º	1.244610214º	230.531251	59.70091172	1.012575005	Grazing
1000	22836	2785171.641									
1000	22837	2785171.641									
1000	22838	2785171.641									
1000	22839	2785171.641									
1000	22840	2785201.113	2913-07-09 14:42:02	0.734372033	1.307327967	0.692358535º	1.217092997º	231.0138636	61.36972644	1.015995358	Penumbral
1000	22841	2785349.381	2913-12-04 21:08:57	0.725981608	1.315718392	0.683779732º	1.223098779º	224.2591448	61.45703707	0.988520211	Penumbral
1000	22842	2785349.381									
1000	22843	2785349.381									
1000	22844	2785349.381									
1000	22845	2785349.381									
1000	22846	2785379.005	2914-01-03 12:07:25	0.733249541	1.308450459	0.710828185º	1.252466407º	223.7344428	59.68740815	0.984287586	Penumbral
1000	22847	2785526.186	2914-05-30 16:27:26	0.753713476	1.287986524	0.767101282º	1.294710802º	230.7015146	56.82530635	1.01045898	Umbral
1000	22848	2785526.186									
1000	22849	2785526.186									
1000	22850	2785526.186									
1000	22851	2785526.186									
1000	22852	2785555.53	2914-06-29 00:43:00	0.749093289	1.292606711	0.745371708º	1.270551641º	231.6187879	58.12115284	1.015133564	Grazing
1000	22853	2785703.447	2914-11-23 22:44:05	0.716389423	1.325310577	0.652338954º	1.190301546º	224.2477748	63.6046727	0.991012731	Umbral
1000	22854	2785703.447									
1000	22855	2785703.447									
1000	22856	2785703.447									
1000	22857	2785703.447									
1000	22858	2785880.882	2915-05-20 09:09:47	0.75680414	1.28489586	0.781267967º	1.310125551º	230.3218797	56.0200829	1.008074373	Total
1000	22859	2785880.882									
1000	22860	2785880.882									
1000	22861	2785880.882									
1000	22862	2785880.882									
1000	22863	2786057.435	2915-11-12 22:26:10	0.720810844	1.320889156	0.664224312º	1.200670481º	225.0714826	62.84325259	0.99381412	Total
1000	22864	2786057.435									
1000	22865	2786057.435									
1000	22866	2786057.435									
1000	22867	2786057.435									
1000	22868	2786057.435									
1000	22869	2786235.536	2916-05-09 00:51:08	0.747997348	1.293702652	0.74874001º	1.278987707º	229.2709286	57.7833549	1.005431577	Umbral
1000	22870	2786235.536									
1000	22871	2786235.536									
1000	22872	2786235.536									
1000	22873	2786235.536									

1000	22874	2786235.536									
1000	22875	2786411.647	2916-11-01 03:32:12	0.73603812	1.30566188	0.711935021°	1.246788242°	226.6198431	59.82515166	0.996773988	Umbral
1000	22876	2786411.647									
1000	22877	2786411.647									
1000	22878	2786411.647									
1000	22879	2786411.647									
1000	22880	2786411.647									
1000	22881	2786560.341	2917-03-29 20:11:40	0.722409074	1.319290926	0.668866944°	1.205050329°	225.2741277	62.53982949	0.99430119	Penumbral
1000	22882	2786560.341									
1000	22883	2786560.341									
1000	22884	2786560.341									
1000	22885	2786560.341									
1000	22886	2786589.962	2917-04-28 11:05:36	0.73198928	1.30971072	0.694309178°	1.226106126°	227.6572112	61.02057128	1.002502514	Penumbral
1000	22887	2786736.809	2917-09-22 07:25:40	0.756283968	1.285416032	0.77951297°	1.308601235°	230.1923731	56.10831177	1.007634856	Penumbral
1000	22888	2786736.809									
1000	22889	2786736.809									
1000	22890	2786736.809									
1000	22891	2786766.163	2917-10-21 15:54:03	0.75069585	1.29100415	0.763311006°	1.296567111°	228.1293946	56.88020411	0.999759352	Penumbral
1000	22892	2786914.345	2918-03-18 20:16:26	0.716137433	1.325562567	0.651324875°	1.189052662°	224.3247093	63.68301067	0.991445469	Umbral
1000	22893	2786914.345									
1000	22894	2786914.345									
1000	22895	2786914.345									
1000	22896	2786914.345									
1000	22897	2786944.083	2918-04-17 14:00:00	0.719567879	1.322132121	0.65668195°	1.190144526°	226.2688392	63.45872029	0.999372404	Grazing
1000	22898	2787091.511	2918-09-12 00:16:24	0.754749494	1.286950506	0.771469427°	1.299268473°	230.6751414	56.57986536	1.010096137	Umbral
1000	22899	2787091.511									
1000	22900	2787091.511									
1000	22901	2787091.511									
1000	22902	2787091.511									
1000	22903	2787268.382	2919-03-07 21:10:17	0.724178157	1.317521843	0.677794897°	1.216910345°	224.227964	61.85282459	0.988893529	Total
1000	22904	2787268.382									
1000	22905	2787268.382									
1000	22906	2787268.382									
1000	22907	2787268.382									
1000	22908	2787268.382									
1000	22909	2787446.087	2919-09-01 14:05:41	0.742964249	1.298735751	0.72513324°	1.251792451°	230.5690438	59.27075528	1.012282264	Total
1000	22910	2787446.087									
1000	22911	2787446.087									
1000	22912	2787446.087									
1000	22913	2787446.087									
1000	22914	2787446.087									
1000	22915	2787622.698	2920-02-25 04:44:44	0.739427519	1.302272481	0.730659396°	1.270905873°	224.6467333	58.54307224	0.986823238	Umbral
1000	22916	2787622.698									
1000	22917	2787622.698									

1000	22918	2787622.698									
1000	22919	2787622.698									
1000	22920	2787770.793	2920-07-22 07:02:06	0.724986344	1.316713656	0.661714168º	1.186292632º	230.5688376	63.41529549	1.016297492	Grazing
1000	22921	2787770.793									
1000	22922	2787770.793									
1000	22923	2787770.793									
1000	22924	2787770.793									
1000	22925	2787800.384	2920-08-20 21:13:20	0.728887894	1.312812106	0.675811592º	1.201553424º	230.2208897	62.4215089	1.014048617	Umbral
1000	22926	2787947.832	2921-01-15 07:58:29	0.751076395	1.290623605	0.77679745º	1.318775572º	224.585343	55.91131033	0.983670292	Penumbral
1000	22927	2787947.832									
1000	22928	2787947.832									
1000	22929	2787947.832									
1000	22930	2787947.832									
1000	22931	2787977.27	2921-02-13 18:29:08	0.750176168	1.291523832	0.772099119º	1.313201456º	224.8803466	56.18714602	0.985262383	Penumbral
1000	22932	2788124.818	2921-07-11 07:38:35	0.725995466	1.315704534	0.66507812º	1.189768172º	230.5624757	63.18090932	1.016081353	Penumbral
1000	22933	2788124.818									
1000	22934	2788124.818									
1000	22935	2788124.818									
1000	22936	2788124.818									
1000	22937	2788154.435	2921-08-09 22:27:06	0.723429777	1.318270223	0.657548622º	1.182620089º	230.2509902	63.68624762	1.015343266	Grazing
1000	22938	2788302.455	2922-01-04 22:55:08	0.74393452	1.29776548	0.748942063º	1.290649456º	224.3291661	57.44943068	0.984161903	Umbral
1000	22939	2788302.455									
1000	22940	2788302.455									
1000	22941	2788302.455									
1000	22942	2788302.455									
1000	22943	2788479.015	2922-06-30 12:21:19	0.738401684	1.303298316	0.706658611º	1.231754312º	231.0589079	60.45072895	1.015296405	Total
1000	22944	2788479.015									
1000	22945	2788479.015									
1000	22946	2788479.015									
1000	22947	2788479.015									
1000	22948	2788656.875	2922-12-25 08:59:42	0.728780837	1.312919163	0.695133183º	1.236245022º	223.6937667	60.67604204	0.985245081	Total
1000	22949	2788656.875									
1000	22950	2788656.875									
1000	22951	2788656.875									
1000	22952	2788656.875									
1000	22953	2788656.875									
1000	22954	2788833.51	2923-06-20 00:13:42	0.752320251	1.289379749	0.758712474º	1.284459336º	231.5000257	57.34442844	1.014038915	Total
1000	22955	2788833.51									
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1000	22960	2789010.993	2923-12-14 11:49:16	0.716499076	1.325200924	0.655237468º	1.19546089º	223.3575709	63.32773497	0.986865351	Umbral
1000	22961	2789010.993									

1000	22962	2789010.993									
1000	22963	2789010.993									
1000	22964	2789010.993									
1000	22965	2789010.993									
1000	22966	2789158.883	2924-05-10 09:11:18	0.755041594	1.286658406	0.775962273º	1.306051631º	229.6986382	56.27332144	1.0057319	Penumbral
1000	22967	2789158.883									
1000	22968	2789158.883									
1000	22969	2789158.883									
1000	22970	2789158.883									
1000	22971	2789188.195	2924-06-08 16:41:18	0.758092401	1.283607599	0.783172373º	1.30979584º	231.3714974	55.97729526	1.01235097	Penumbral
1000	22972	2789335.257	2924-11-02 18:09:25	0.724994148	1.316705852	0.675706731º	1.210782893º	225.8709043	62.12165602	0.99635868	Grazing
1000	22973	2789335.257									
1000	22974	2789335.257									
1000	22975	2789335.257									
1000	22976	2789364.961	2924-12-02 11:03:22	0.717263435	1.324436565	0.656301142º	1.195359023º	223.8434377	63.29439096	0.988999135	Penumbral
1000	22977	2789513.488	2925-04-29 23:42:07	0.743326887	1.298373113	0.733309421º	1.264912025º	228.4330091	58.63895008	1.002869011	Umbral
1000	22978	2789513.488									
1000	22979	2789513.488									
1000	22980	2789513.488									
1000	22981	2789513.488									
1000	22982	2789542.882	2925-05-29 09:10:41	0.751982076	1.289717924	0.760339181º	1.288071832º	230.593669	57.19793687	1.010223218	Grazing
1000	22983	2789689.562	2925-10-23 01:29:04	0.741274099	1.300425901	0.728492751º	1.261935843º	227.512095	58.86956797	0.999408908	Umbral
1000	22984	2789689.562									
1000	22985	2789689.562									
1000	22986	2789689.562									
1000	22987	2789689.562									
1000	22988	2789867.825	2926-04-19 07:47:18	0.72702881	1.31467119	0.679889044º	1.213103732º	226.7685524	61.90715382	0.999837008	Total
1000	22989	2789867.825									
1000	22990	2789867.825									
1000	22991	2789867.825									
1000	22992	2789867.825									
1000	22993	2789867.825									
1000	22994	2790044.144	2926-10-12 15:27:45	0.753745279	1.287954721	0.773364891º	1.305214113º	228.8698121	56.36695819	1.002403981	Total
1000	22995	2790044.144									
1000	22996	2790044.144									
1000	22997	2790044.144									
1000	22998	2790044.144									
1000	22999	2790221.875	2927-04-08 09:00:27	0.717689333	1.324010667	0.652692885º	1.18758226º	225.5672091	63.68566416	0.996706614	Umbral
1000	23000	2790221.875									
1000	23001	2790221.875									
1000	23002	2790221.875									
1000	23003	2790221.875									
1000	23004	2790221.875									
1000	23005	2790398.839	2927-10-02 08:08:01	0.755060242	1.286639758	0.776605738º	1.30693762º	229.5473285	56.23198133	1.005271973	Umbral

1000	23006	2790398.839									
1000	23007	2790398.839									
1000	23008	2790398.839									
1000	23009	2790398.839									
1000	23010	2790398.839									
1000	23011	2790546.223	2928-02-26 17:21:24	0.72802251	1.31367749	0.691442792º	1.23155159º	224.0441618	60.94094232	0.987074788	Penumbral
1000	23012	2790546.223									
1000	23013	2790546.223									
1000	23014	2790546.223									
1000	23015	2790546.223									
1000	23016	2790575.885	2928-03-27 09:13:54	0.722461834	1.319238166	0.66923802º	1.205755661º	225.1876153	62.50393731	0.993681729	Penumbral
1000	23017	2790724.016	2928-08-22 12:22:44	0.739032402	1.302667598	0.709950994º	1.235828531º	230.7390178	60.22154343	1.013786937	Penumbral
1000	23018	2790724.016									
1000	23019	2790724.016									
1000	23020	2790724.016									
1000	23021	2790724.016									
1000	23022	2790753.45	2928-09-20 22:48:36	0.745129589	1.296570411	0.736358989º	1.26528916º	229.6510187	58.53761445	1.007936031	Penumbral
1000	23023	2790900.621	2929-02-15 02:54:48	0.743206102	1.298493898	0.745438771º	1.286439288º	224.5435114	57.66784791	0.985447815	Umbral
1000	23024	2790900.621									
1000	23025	2790900.621									
1000	23026	2790900.621									
1000	23027	2791078.231	2929-08-11 17:32:59	0.726294401	1.315405599	0.666663214º	1.191834852º	230.3600833	63.05660392	1.015149599	Umbral
1000	23028	2791078.231									
1000	23029	2791078.231									
1000	23030	2791078.231									
1000	23031	2791078.231									
1000	23032	2791078.231									
1000	23033	2791255.235	2930-02-04 17:38:35	0.751096417	1.290603583	0.776409186º	1.318017132º	224.7263233	55.94190066	0.984342606	Total
1000	23034	2791255.235									
1000	23035	2791255.235									
1000	23036	2791255.235									
1000	23037	2791255.235									
1000	23038	2791255.235									
1000	23039	2791432.257	2930-07-31 18:10:36	0.724520806	1.317179194	0.660496151º	1.185226103º	230.4650549	63.49403323	1.01600409	Total
1000	23040	2791432.257									
1000	23041	2791432.257									
1000	23042	2791432.257									
1000	23043	2791432.257									
1000	23044	2791432.257									
1000	23045	2791609.879	2931-01-25 09:05:09	0.746596064	1.295103936	0.759316714º	1.301249182º	224.3722085	56.86336607	0.98375316	Umbral
1000	23046	2791609.879									
1000	23047	2791609.879									
1000	23048	2791609.879									
1000	23049	2791609.879									

1000	23050	2791609.879									
1000	23051	2791756.939	2931-06-21 10:32:38	0.742454312	1.299245688	0.721824766º	1.24747316º	231.005042	59.50059176	1.014228871	Grazing
1000	23052	2791756.939									
1000	23053	2791756.939									
1000	23054	2791756.939									
1000	23055	2791786.397	2931-07-20 21:31:33	0.735348979	1.306351021	0.695438237º	1.220020902º	231.1373198	61.17673791	1.016289354	Umbral
1000	23056	2791934.719	2931-12-16 05:15:41	0.72466482	1.31703518	0.680784181º	1.221183558º	223.7656403	61.61643368	0.986544027	Penumbral
1000	23057	2791934.719									
1000	23058	2791934.719									
1000	23059	2791934.719									
1000	23060	2791934.719									
1000	23061	2791964.359	2932-01-14 20:36:45	0.732278157	1.309421843	0.707871989º	1.249833739º	223.5611115	59.8583099	0.983700007	Penumbral
1000	23062	2792111.502	2932-06-10 00:02:51	0.754789454	1.286910546	0.769721177º	1.296219124º	231.2484911	56.71122379	1.01259232	Umbral
1000	23063	2792111.502									
1000	23064	2792111.502									
1000	23065	2792111.502									
1000	23066	2792111.502									
1000	23067	2792140.833	2932-07-09 08:00:10	0.750129302	1.291570698	0.748652988º	1.273379156º	231.874207	57.9450432	1.016011418	Grazing
1000	23068	2792288.769	2932-12-04 06:27:49	0.7155056	1.3261944	0.651123245º	1.190399117º	223.6887133	63.64380771	0.988599353	Umbral
1000	23069	2792288.769									
1000	23070	2792288.769									
1000	23071	2792288.769									
1000	23072	2792288.769									
1000	23073	2792466.206	2933-05-30 16:55:56	0.757245561	1.284454439	0.781121147º	1.30869427º	230.9140475	56.06216405	1.010528693	Total
1000	23074	2792466.206									
1000	23075	2792466.206									
1000	23076	2792466.206									
1000	23077	2792466.206									
1000	23078	2792466.206									
1000	23079	2792642.757	2933-11-23 06:09:34	0.720602817	1.321097183	0.665281791º	1.203176712º	224.4753748	62.72353196	0.991137407	Total
1000	23080	2792642.757									
1000	23081	2792642.757									
1000	23082	2792642.757									
1000	23083	2792642.757									
1000	23084	2792820.856	2934-05-20 08:32:25	0.747943673	1.293756327	0.746471644º	1.275312844º	229.8961652	57.95323643	1.008105605	Umbral
1000	23085	2792820.856									
1000	23086	2792820.856									
1000	23087	2792820.856									
1000	23088	2792820.856									
1000	23089	2792820.856									
1000	23090	2792996.98	2934-11-12 11:31:18	0.736122034	1.305577966	0.714229953º	1.250607239º	225.9862828	59.63897239	0.99394175	Umbral
1000	23091	2792996.98									
1000	23092	2792996.98									
1000	23093	2792996.98									

1000	23094	2792996.98									
1000	23095	2792996.98									
1000	23096	2793145.658	2935-04-10 03:46:52	0.722635305	1.319064695	0.667657936º	1.202317747º	225.9327008	62.67152018	0.997134564	Penumbral
1000	23097	2793145.658									
1000	23098	2793145.658									
1000	23099	2793145.658									
1000	23100	2793145.658									
1000	23101	2793175.271	2935-05-09 18:29:57	0.731958707	1.309741293	0.69215313º	1.222451861º	228.3222399	61.20576822	1.005334818	Penumbral
1000	23102	2793322.138	2935-10-03 15:19:04	0.755814051	1.285885949	0.779809823º	1.31030285º	229.5306002	56.05488972	1.004966607	Penumbral
1000	23103	2793322.138									
1000	23104	2793322.138									
1000	23105	2793322.138									
1000	23106	2793322.138									
1000	23107	2793351.503	2935-11-02 00:03:51	0.750479249	1.291220751	0.764736673º	1.299555999º	227.4442924	56.75868232	0.99683716	Penumbral
1000	23108	2793499.66	2936-03-29 03:50:32	0.717071665	1.324628335	0.652421745º	1.188723306º	224.9697279	63.65594323	0.994082092	Umbral
1000	23109	2793499.66									
1000	23110	2793499.66									
1000	23111	2793499.66									
1000	23112	2793529.383	2936-04-27 21:12:01	0.72017276	1.32152724	0.656542682º	1.188445835º	226.9826871	63.52160794	1.002302345	Grazing
1000	23113	2793676.833	2936-09-22 07:59:20	0.75362436	1.28807564	0.768975876º	1.298055828º	230.0357811	56.68186106	1.007650689	Umbral
1000	23114	2793676.833									
1000	23115	2793676.833									
1000	23116	2793676.833									
1000	23117	2793676.833									
1000	23118	2793853.713	2937-03-18 05:07:18	0.725612488	1.316087512	0.680843205º	1.218645395º	224.8294834	61.6962834	0.991308305	Total
1000	23119	2793853.713									
1000	23120	2793853.713									
1000	23121	2793853.713									
1000	23122	2793853.713									
1000	23123	2793853.713									
1000	23124	2794031.391	2937-09-11 21:23:17	0.741451642	1.300248358	0.721329115º	1.249113051º	229.9775335	59.46654824	1.010125054	Total
1000	23125	2794031.391									
1000	23126	2794031.391									
1000	23127	2794031.391									
1000	23128	2794031.391									
1000	23129	2794031.391									
1000	23130	2794208.049	2938-03-07 13:10:58	0.740720254	1.300979746	0.733945734º	1.273075905º	225.1502403	58.38324107	0.988866523	Umbral
1000	23131	2794208.049									
1000	23132	2794208.049									
1000	23133	2794208.049									
1000	23134	2794208.049									
1000	23135	2794208.049									
1000	23136	2794356.063	2938-08-02 13:30:57	0.72453148	1.31716852	0.660526528º	1.185316757º	230.4589007	63.48987846	1.015887393	Grazing
1000	23137	2794356.063									

1000	23138	2794356.063									
1000	23139	2794356.063									
1000	23140	2794385.666	2938-09-01 03:59:10	0.727666036	1.314033964	0.673107811º	1.199750336º	229.7420177	62.5723692	1.012314336	Umbral
1000	23141	2794533.202	2939-01-26 16:50:28	0.751029693	1.290670307	0.776553486º	1.318460062º	224.6032611	55.92625774	0.983800163	Penumbral
1000	23142	2794533.202									
1000	23143	2794533.202									
1000	23144	2794533.202									
1000	23145	2794533.202									
1000	23146	2794562.634	2939-02-25 03:13:31	0.750828298	1.290871702	0.773553022º	1.313787337º	225.2471371	56.13190101	0.986845453	Penumbral
1000	23147	2794710.091	2939-07-22 14:10:23	0.726568611	1.315131389	0.66674263º	1.191348456º	230.6410913	63.07027412	1.016244487	Penumbral
1000	23148	2794710.091									
1000	23149	2794710.091									
1000	23150	2794710.091									
1000	23151	2794710.091									
1000	23152	2794739.707	2939-08-21 04:57:35	0.723131057	1.318568943	0.657503938º	1.183219972º	229.9337514	63.66719402	1.014098379	Grazing
1000	23153	2794887.818	2940-01-16 07:38:17	0.743172281	1.298527719	0.74643409º	1.288393945º	224.188591	57.58429779	0.983703448	Umbral
1000	23154	2794887.818									
1000	23155	2794887.818									
1000	23156	2794887.818									
1000	23157	2794887.818									
1000	23158	2795064.305	2940-07-10 19:19:46	0.739559674	1.302140326	0.710113361º	1.234822689º	231.3053978	60.24739124	1.016044026	Total
1000	23159	2795064.305									
1000	23160	2795064.305									
1000	23161	2795064.305									
1000	23162	2795064.305									
1000	23163	2795064.305									
1000	23164	2795242.222	2941-01-04 17:20:21	0.727684232	1.314015768	0.692191891º	1.233876086º	223.4094934	60.84390811	0.984204048	Total
1000	23165	2795242.222									
1000	23166	2795242.222									
1000	23167	2795242.222									
1000	23168	2795242.222									
1000	23169	2795418.818	2941-06-30 07:38:22	0.753329031	1.288370969	0.761627015º	1.286733866º	231.8557537	57.19866909	1.015274846	Total
1000	23170	2795418.818									
1000	23171	2795418.818									
1000	23172	2795418.818									
1000	23173	2795418.818									
1000	23174	2795418.818									
1000	23175	2795596.324	2941-12-24 19:46:24	0.715682774	1.326017226	0.653733916º	1.194806972º	222.9779074	63.40210431	0.985315701	Umbral
1000	23176	2795596.324									
1000	23177	2795596.324									
1000	23178	2795596.324									
1000	23179	2795596.324									
1000	23180	2795596.324									
1000	23181	2795744.209	2942-05-21 17:01:27	0.755351303	1.286348697	0.775086949º	1.303772598º	230.3378223	56.35854982	1.008402212	Penumbral

1000	23182	2795744.209									
1000	23183	2795744.209									
1000	23184	2795744.209									
1000	23185	2795744.209									
1000	23186	2795773.513	2942-06-20 00:18:18	0.758520249	1.283179751	0.783521381º	1.309269571º	231.8002129	55.98183279	1.014036354	Penumbral
1000	23187	2795920.578	2942-11-14 01:51:45	0.724897975	1.316802025	0.677279246º	1.213894175º	225.2329067	61.96787804	0.993501575	Grazing
1000	23188	2795920.578									
1000	23189	2795920.578									
1000	23190	2795920.578									
1000	23191	2795920.578									
1000	23192	2796098.808	2943-05-11 07:23:59	0.743246968	1.298453032	0.730894454º	1.260978606º	229.0899959	58.82586884	1.005741778	Umbral
1000	23193	2796098.808									
1000	23194	2796098.808									
1000	23195	2796098.808									
1000	23196	2796098.808									
1000	23197	2796128.197	2943-06-09 16:44:15	0.751861475	1.289838525	0.758213211º	1.284830502º	231.0874535	57.34825551	1.012362843	Grazing
1000	23198	2796274.894	2943-11-03 09:27:41	0.741316346	1.300383654	0.730776864º	1.265815157º	226.8466698	58.68784147	0.9964292	Umbral
1000	23199	2796274.894									
1000	23200	2796274.894									
1000	23201	2796274.894									
1000	23202	2796274.894									
1000	23203	2796453.133	2944-04-29 15:11:45	0.727143136	1.314556864	0.678222081º	1.209851789º	227.4544415	62.06836347	1.002817882	Total
1000	23204	2796453.133									
1000	23205	2796453.133									
1000	23206	2796453.133									
1000	23207	2796453.133									
1000	23208	2796453.133									
1000	23209	2796629.482	2944-10-22 23:33:35	0.753365006	1.288334994	0.774151391º	1.307602232º	228.1692068	56.28120432	0.999394389	Total
1000	23210	2796629.482									
1000	23211	2796629.482									
1000	23212	2796629.482									
1000	23213	2796629.482									
1000	23214	2796629.482									
1000	23215	2796807.179	2945-04-18 16:18:26	0.718526601	1.323173399	0.65330459º	1.186589115º	226.2833816	63.69839281	0.999706072	Umbral
1000	23216	2796807.179									
1000	23217	2796807.179									
1000	23218	2796807.179									
1000	23219	2796807.179									
1000	23220	2796807.179									
1000	23221	2796984.171	2945-10-12 16:05:52	0.754003202	1.287696798	0.774623258º	1.306492592º	228.8298171	56.29809935	1.002366077	Umbral
1000	23222	2796984.171									
1000	23223	2796984.171									
1000	23224	2796984.171									
1000	23225	2796984.171									

1000	23226	2797131.563	2946-03-09 01:30:55	0.729416486	1.312283514	0.694688683º	1.233672208º	224.5687513	60.77060356	0.989135572	Penumbral
1000	23227	2797131.563									
1000	23228	2797131.563									
1000	23229	2797131.563									
1000	23230	2797131.563									
1000	23231	2797161.202	2946-04-07 16:51:11	0.723962254	1.317737746	0.672093319º	1.20707934º	225.9050379	62.36412215	0.996526556	Penumbral
1000	23232	2797309.311	2946-09-02 19:28:31	0.737586741	1.304113259	0.706284134º	1.233069858º	230.2311376	60.42180712	1.012039153	Penumbral
1000	23233	2797309.311									
1000	23234	2797309.311									
1000	23235	2797309.311									
1000	23236	2797309.311									
1000	23237	2797338.766	2946-10-02 06:23:17	0.743545979	1.298154021	0.732599365º	1.262924611º	228.936655	58.71805752	1.005284553	Penumbral
1000	23238	2797485.98	2947-02-26 11:30:39	0.744277411	1.297422589	0.748288209º	1.288424158º	224.9467179	57.53042607	0.987025173	Umbral
1000	23239	2797485.98									
1000	23240	2797485.98									
1000	23241	2797485.98									
1000	23242	2797485.98									
1000	23243	2797515.477	2947-03-27 23:26:18	0.738355824	1.303344176	0.722178096º	1.258764773º	226.0579621	59.15299073	0.993553885	Grazing
1000	23244	2797663.507	2947-08-23 00:09:33	0.725372724	1.316327276	0.664700146º	1.190525609º	229.993782	63.16830784	1.013887336	Umbral
1000	23245	2797663.507									
1000	23246	2797663.507									
1000	23247	2797663.507									
1000	23248	2797840.602	2948-02-16 02:27:25	0.751452852	1.290247148	0.777003912º	1.318014916º	224.9841914	55.92589773	0.985428714	Total
1000	23249	2797840.602									
1000	23250	2797840.602									
1000	23251	2797840.602									
1000	23252	2797840.602									
1000	23253	2797840.602									
1000	23254	2798017.528	2948-08-11 00:40:53	0.724607285	1.317092715	0.661348914º	1.186468948º	230.2757109	63.42196608	1.015249358	Total
1000	23255	2798017.528									
1000	23256	2798017.528									
1000	23257	2798017.528									
1000	23258	2798017.528									
1000	23259	2798017.528									
1000	23260	2798195.244	2949-02-04 17:51:26	0.746209787	1.295490213	0.757428321º	1.299036639º	224.4782853	56.97694068	0.984341931	Umbral
1000	23261	2798195.244									
1000	23262	2798195.244									
1000	23263	2798195.244									
1000	23264	2798195.244									
1000	23265	2798195.244									
1000	23266	2798342.237	2949-07-01 17:40:43	0.743719481	1.297980519	0.725442389º	1.250495792º	231.3626269	59.30000538	1.015378198	Grazing
1000	23267	2798342.237									
1000	23268	2798342.237									
1000	23269	2798342.237									

1000	23270	2798342.237									
1000	23271	2798371.683	2949-07-31 04:22:52	0.736185763	1.305514237	0.698444812º	1.223173232º	231.125495	60.98023272	1.016007058	Umbral
1000	23272	2798520.06	2949-12-26 13:26:22	0.723499003	1.318200997	0.678025855º	1.219208882º	223.3804285	61.77076788	0.98511548	Penumbral
1000	23273	2798520.06									
1000	23274	2798520.06									
1000	23275	2798520.06									
1000	23276	2798549.712	2950-01-25 05:05:52	0.731456203	1.310243797	0.705105855º	1.247026888º	223.5147833	60.02960129	0.983773917	Penumbral
1000	23277	2798696.816	2950-06-21 07:34:35	0.755725069	1.285974931	0.772088751º	1.297767457º	231.6930911	56.60348982	1.01417039	Umbral
1000	23278	2798696.816									
1000	23279	2798696.816									
1000	23280	2798696.816									
1000	23281	2798696.816									
1000	23282	2798726.137	2950-07-20 15:17:24	0.751000852	1.290699148	0.751707694º	1.276322258º	231.9957965	57.77325564	1.016227558	Grazing
1000	23283	2798874.096	2950-12-15 14:17:48	0.714781255	1.326918745	0.65017406º	1.19049241º	223.2258451	63.6738084	0.986691972	Umbral
1000	23284	2798874.096									
1000	23285	2798874.096									
1000	23286	2798874.096									
1000	23287	2798874.096									
1000	23288	2799051.525	2951-06-11 00:36:22	0.757556639	1.284143361	0.780700462º	1.307212374º	231.4204473	56.11310169	1.012565463	Total
1000	23289	2799051.525									
1000	23290	2799051.525									
1000	23291	2799051.525									
1000	23292	2799051.525									
1000	23293	2799051.525									
1000	23294	2799228.084	2951-12-04 14:01:22	0.720512687	1.321187313	0.666500823º	1.205673155º	223.9578261	62.59912635	0.988789198	Total
1000	23295	2799228.084									
1000	23296	2799228.084									
1000	23297	2799228.084									
1000	23298	2799228.084									
1000	23299	2799228.084									
1000	23300	2799406.171	2952-05-30 16:05:56	0.747791181	1.293908819	0.744040645º	1.271615158º	230.4561938	58.12951691	1.010526028	Umbral
1000	23301	2799406.171									
1000	23302	2799406.171									
1000	23303	2799406.171									
1000	23304	2799406.171									
1000	23305	2799582.319	2952-11-22 19:39:15	0.736254304	1.305445696	0.716511138º	1.254357097º	225.4074612	59.45643957	0.991227634	Umbral
1000	23306	2799582.319									
1000	23307	2799582.319									
1000	23308	2799582.319									
1000	23309	2799582.319									
1000	23310	2799582.319									
1000	23311	2799730.967	2953-04-20 11:12:20	0.722919511	1.318780489	0.666576856º	1.199613693º	226.6226016	62.79845748	1.000170609	Penumbral
1000	23312	2799730.967									
1000	23313	2799730.967									

1000	23314	2799730.967									
1000	23315	2799730.967									
1000	23316	2799760.573	2953-05-20 01:45:01	0.731887707	1.309812293	0.689996763º	1.218861159º	228.949261	61.39007263	1.008061389	Penumbral
1000	23317	2799907.472	2953-10-13 23:19:38	0.755263907	1.286436093	0.779859327º	1.311925193º	228.8327438	56.01037423	1.001995828	Penumbral
1000	23318	2799907.472									
1000	23319	2799907.472									
1000	23320	2799907.472									
1000	23321	2799907.472									
1000	23322	2799936.848	2953-11-12 08:21:48	0.750256491	1.291443509	0.76601021º	1.302404117º	226.7890664	56.64572001	0.99391095	Penumbral
1000	23323	2800084.97	2954-04-09 11:16:28	0.718112005	1.323587995	0.653731476º	1.188462581º	225.6692817	63.61910548	0.99700162	Umbral
1000	23324	2800084.97									
1000	23325	2800084.97									
1000	23326	2800084.97									
1000	23327	2800084.97									
1000	23328	2800114.677	2954-05-09 04:14:53	0.720799484	1.320900516	0.656519369º	1.186890049º	227.6858547	63.57567725	1.005198437	Grazing
1000	23329	2800262.158	2954-10-03 15:47:56	0.752405287	1.289294713	0.766301037º	1.296826759º	229.3388863	56.78972063	1.004904674	Umbral
1000	23330	2800262.158									
1000	23331	2800262.158									
1000	23332	2800262.158									
1000	23333	2800439.04	2955-03-29 12:57:59	0.72715536	1.31454464	0.68406601º	1.220421925º	225.504111	61.53349698	0.993981354	Total
1000	23334	2800439.04									
1000	23335	2800439.04									
1000	23336	2800439.04									
1000	23337	2800439.04									
1000	23338	2800439.04									
1000	23339	2800616.698	2955-09-23 04:45:12	0.739847752	1.301852248	0.717482354º	1.246555259º	229.3083369	59.66128019	1.007664109	Total
1000	23340	2800616.698									
1000	23341	2800616.698									
1000	23342	2800616.698									
1000	23343	2800616.698									
1000	23344	2800616.698									
1000	23345	2800793.397	2956-03-17 21:31:56	0.742101361	1.299598639	0.737311268º	1.275140922º	225.7422044	58.22498039	0.991257685	Umbral
1000	23346	2800793.397									
1000	23347	2800793.397									
1000	23348	2800793.397									
1000	23349	2800793.397									
1000	23350	2800793.397									
1000	23351	2800970.951	2956-09-11 10:48:48	0.726362089	1.315337911	0.6704493º	1.198188028º	229.1663579	62.71439483	1.010211588	Umbral
1000	23352	2800970.951									
1000	23353	2800970.951									
1000	23354	2800970.951									
1000	23355	2800970.951									
1000	23356	2800970.951									
1000	23357	2801118.57	2957-02-06 01:41:18	0.75108395	1.29061605	0.776285537º	1.317849469º	224.7463626	55.94968947	0.984422607	Penumbral

1000	23358	2801118.57									
1000	23359	2801118.57									
1000	23360	2801118.57									
1000	23361	2801147.995	2957-03-07 11:53:15	0.751558759	1.290141241	0.774986927º	1.314117189º	225.7170817	56.08413259	0.988866355	Penumbral
1000	23362	2801295.364	2957-08-01 20:43:31	0.727022009	1.314677991	0.668427097º	1.193196407º	230.5848017	62.95035072	1.01592789	Penumbral
1000	23363	2801295.364									
1000	23364	2801295.364									
1000	23365	2801295.364									
1000	23366	2801295.364									
1000	23367	2801324.981	2957-08-31 11:32:25	0.722741556	1.318958444	0.657502503º	1.184095242º	229.5024997	63.63718484	1.012410043	Penumbral
1000	23368	2801473.181	2958-01-26 16:21:18	0.742530639	1.299169361	0.743996068º	1.285907374º	224.1737848	57.72431326	0.983791575	Umbral
1000	23369	2801473.181									
1000	23370	2801473.181									
1000	23371	2801473.181									
1000	23372	2801473.181									
1000	23373	2801649.596	2958-07-22 02:18:49	0.740571754	1.301128246	0.713474353º	1.238076245º	231.4185509	60.04267611	1.016252106	Umbral
1000	23374	2801649.596									
1000	23375	2801649.596									
1000	23376	2801649.596									
1000	23377	2801649.596									
1000	23378	2801649.596									
1000	23379	2801827.571	2959-01-16 01:42:10	0.726747532	1.314952468	0.689448579º	1.231407446º	223.2497074	61.00948985	0.98370524	Total
1000	23380	2801827.571									
1000	23381	2801827.571									
1000	23382	2801827.571									
1000	23383	2801827.571									
1000	23384	2801827.571									
1000	23385	2802004.126	2959-07-11 15:01:43	0.754175128	1.287524872	0.764335057º	1.289037806º	232.0840477	57.05864044	1.016056765	Total
1000	23386	2802004.126									
1000	23387	2802004.126									
1000	23388	2802004.126									
1000	23389	2802004.126									
1000	23390	2802181.658	2960-01-05 03:46:58	0.715053815	1.326646185	0.652482245º	1.19414421º	222.7176935	63.46819053	0.98424444	Umbral
1000	23391	2802181.658									
1000	23392	2802181.658									
1000	23393	2802181.658									
1000	23394	2802181.658									
1000	23395	2802181.658									
1000	23396	2802329.531	2960-06-01 00:44:49	0.755549706	1.286150294	0.773976665º	1.301419066º	230.90919	56.45251168	1.010779141	Penumbral
1000	23397	2802329.531									
1000	23398	2802329.531									
1000	23399	2802329.531									
1000	23400	2802329.531									
1000	23401	2802358.828	2960-06-30 07:51:43	0.758787128	1.282912872	0.783597418º	1.30869034º	232.1119477	55.99516548	1.015301778	Umbral

1000	23402	2802505.905	2960-11-24 09:43:11	0.724885329	1.316814671	0.678953904º	1.216996876º	224.6550655	61.81176847	0.990864681	Grazing
1000	23403	2802505.905									
1000	23404	2802505.905									
1000	23405	2802505.905									
1000	23406	2802505.905									
1000	23407	2802535.622	2960-12-24 02:55:07	0.717060137	1.324639863	0.657895964º	1.198934048º	223.0602854	63.11832713	0.98537939	Penumbral
1000	23408	2802684.123	2961-05-21 14:57:09	0.743096982	1.298603018	0.728354725º	1.257046161º	229.7030605	59.01770549	1.008391173	Umbral
1000	23409	2802684.123									
1000	23410	2802684.123									
1000	23411	2802684.123									
1000	23412	2802684.123									
1000	23413	2802713.508	2961-06-20 00:11:57	0.751600415	1.290099585	0.755854745º	1.281602498º	231.4782196	57.50562911	1.014037195	Grazing
1000	23414	2802860.233	2961-11-13 17:35:12	0.741372879	1.300327121	0.733015899º	1.269585859º	226.2151834	58.51171733	0.99358484	Umbral
1000	23415	2802860.233									
1000	23416	2802860.233									
1000	23417	2802860.233									
1000	23418	2803038.435	2962-05-10 22:26:31	0.727252658	1.314447342	0.676568144º	1.20670999º	228.1251206	62.2263643	1.005632327	Total
1000	23419	2803038.435									
1000	23420	2803038.435									
1000	23421	2803038.435									
1000	23422	2803038.435									
1000	23423	2803038.435									
1000	23424	2803214.825	2962-11-03 07:47:19	0.752953097	1.288746903	0.774797512º	1.309809543º	227.4777764	56.20437888	0.996478111	Total
1000	23425	2803214.825									
1000	23426	2803214.825									
1000	23427	2803214.825									
1000	23428	2803214.825									
1000	23429	2803214.825									
1000	23430	2803392.477	2963-04-29 23:27:30	0.719415706	1.322284294	0.65403144º	1.185764369º	227.0107541	63.70129931	1.002623214	Umbral
1000	23431	2803392.477									
1000	23432	2803392.477									
1000	23433	2803392.477									
1000	23434	2803392.477									
1000	23435	2803392.477									
1000	23436	2803569.507	2963-10-24 00:10:33	0.752895256	1.288804744	0.77249863º	1.305947981º	228.0987174	56.37095371	0.999397182	Umbral
1000	23437	2803569.507									
1000	23438	2803569.507									
1000	23439	2803569.507									
1000	23440	2803569.507									
1000	23441	2803716.899	2964-03-19 09:35:00	0.73092622	1.31077378	0.698114523º	1.235764102º	225.1812598	60.59640413	0.991589687	Penumbral
1000	23442	2803716.899									
1000	23443	2803716.899									
1000	23444	2803716.899									
1000	23445	2803716.899									

1000	23446	2803746.515	2964-04-18 00:21:08	0.725530939	1.316169061	0.675117095º	1.208501426º	226.6566596	62.21607147	0.999519009	Penumbral
1000	23447	2803894.61	2964-09-13 02:37:43	0.736040085	1.305659915	0.702570653º	1.230503917º	229.6288485	60.61888277	1.009839338	Penumbral
1000	23448	2803894.61									
1000	23449	2803894.61									
1000	23450	2803894.61									
1000	23451	2803894.61									
1000	23452	2803924.086	2964-10-12 14:03:51	0.741910276	1.299789724	0.728776993º	1.260652258º	228.1860942	58.89878472	1.002354899	Penumbral
1000	23453	2804071.335	2965-03-08 20:02:02	0.745441947	1.296258053	0.751222746º	1.290207258º	225.4510386	57.39687167	0.989133761	Umbral
1000	23454	2804071.335									
1000	23455	2804071.335									
1000	23456	2804071.335									
1000	23457	2804071.335									
1000	23458	2804100.812	2965-04-07 07:28:43	0.739958497	1.301741503	0.725895037º	1.260913536º	226.7762527	58.97751107	0.996466063	Grazing
1000	23459	2804248.784	2965-09-02 06:49:16	0.724359034	1.317340966	0.662749285º	1.189517137º	229.5161541	63.26977906	1.012073489	Umbral
1000	23460	2804248.784									
1000	23461	2804248.784									
1000	23462	2804248.784									
1000	23463	2804248.784									
1000	23464	2804425.967	2966-02-26 11:12:35	0.751896375	1.289803625	0.777600977º	1.317696959º	225.3553695	55.91820781	0.98709821	Total
1000	23465	2804425.967									
1000	23466	2804425.967									
1000	23467	2804425.967									
1000	23468	2804425.967									
1000	23469	2804602.802	2966-08-22 07:14:51	0.724588159	1.317111841	0.66220609º	1.188007101º	229.9615915	63.33986544	1.013934486	Total
1000	23470	2804602.802									
1000	23471	2804602.802									
1000	23472	2804602.802									
1000	23473	2804602.802									
1000	23474	2804602.802									
1000	23475	2804780.608	2967-02-16 02:34:52	0.74592977	1.29577023	0.755564749º	1.296559447º	224.7057887	57.09758387	0.985458416	Umbral
1000	23476	2804780.608									
1000	23477	2804780.608									
1000	23478	2804780.608									
1000	23479	2804780.608									
1000	23480	2804780.608									
1000	23481	2804927.533	2967-07-13 00:48:11	0.744837392	1.296862608	0.728963225º	1.253639581º	231.5926965	59.10009836	1.016107875	Grazing
1000	23482	2804927.533									
1000	23483	2804927.533									
1000	23484	2804927.533									
1000	23485	2804927.533									
1000	23486	2804956.97	2967-08-11 11:17:23	0.736881775	1.304818225	0.70140071º	1.226497759º	230.9803799	60.78120971	1.0152938	Umbral
1000	23487	2805105.403	2968-01-06 21:39:41	0.722498905	1.319201095	0.675463468º	1.217207635º	223.1141495	61.9202551	0.984095094	Penumbral
1000	23488	2805105.403									
1000	23489	2805105.403									

1000	23490	2805105.403									
1000	23491	2805105.403									
1000	23492	2805135.065	2968-02-05 13:33:07	0.730784486	1.310915514	0.702470368º	1.244098845º	223.5957387	60.20151159	0.984305295	Penumbral
1000	23493	2805282.128	2968-07-01 15:03:42	0.756504048	1.285195952	0.774251602º	1.299284304º	232.0201319	56.50265769	1.015418232	Penumbral
1000	23494	2805282.128									
1000	23495	2805282.128									
1000	23496	2805282.128									
1000	23497	2805311.442	2968-07-30 22:35:57	0.751703005	1.289996995	0.754589632º	1.279296589º	231.9803723	57.60655427	1.016048616	Penumbral
1000	23498	2805459.426	2968-12-25 22:12:52	0.714234948	1.327465052	0.649447695º	1.190616362º	222.8731981	63.69497808	0.985141621	Umbral
1000	23499	2805459.426									
1000	23500	2805459.426									
1000	23501	2805459.426									
1000	23502	2805459.426									
1000	23503	2805636.842	2969-06-21 08:11:59	0.757719424	1.283980576	0.780020829º	1.305667848º	231.8226041	56.17285893	1.014231525	Total
1000	23504	2805636.842									
1000	23505	2805636.842									
1000	23506	2805636.842									
1000	23507	2805636.842									
1000	23508	2805636.842									
1000	23509	2805813.417	2969-12-14 22:00:33	0.720561061	1.321138939	0.667882703º	1.208148967º	223.5359248	62.47040925	0.986787097	Total
1000	23510	2805813.417									
1000	23511	2805813.417									
1000	23512	2805813.417									
1000	23513	2805813.417									
1000	23514	2805813.417									
1000	23515	2805991.481	2970-06-10 23:32:24	0.747519864	1.294180136	0.741425369º	1.267940903º	230.9298358	58.3116065	1.012558497	Total
1000	23516	2805991.481									
1000	23517	2805991.481									
1000	23518	2805991.481									
1000	23519	2805991.481									
1000	23520	2805991.481									
1000	23521	2806167.663	2970-12-04 03:55:18	0.736457447	1.305242553	0.718844547º	1.257960078º	224.9033348	59.27781124	0.988893376	Umbral
1000	23522	2806167.663									
1000	23523	2806167.663									
1000	23524	2806167.663									
1000	23525	2806167.663									
1000	23526	2806316.269	2971-05-01 18:28:03	0.723234965	1.318465035	0.665541292º	1.19704114º	227.3198768	62.91994122	1.003062897	Grazing
1000	23527	2806316.269									
1000	23528	2806316.269									
1000	23529	2806316.269									
1000	23530	2806316.269									
1000	23531	2806345.869	2971-05-31 08:51:26	0.731753214	1.309946786	0.687789188º	1.215412686º	229.5149702	61.57259571	1.010432212	Penumbral
1000	23532	2806492.811	2971-10-25 07:27:43	0.754659002	1.287040998	0.779749892º	1.313378467º	228.1232071	55.97471675	0.999061524	Penumbral
1000	23533	2806492.811									

1000	23534	2806492.811									
1000	23535	2806492.811									
1000	23536	2806492.811									
1000	23537	2806522.2	2971-11-23 16:47:29	0.750052063	1.291647937	0.767205384º	1.305030406º	226.1860865	56.5413789	0.991266223	Penumbral
1000	23538	2806670.274	2972-04-19 18:33:59	0.719230418	1.322469582	0.65519243º	1.188344323º	226.4009334	63.57215248	0.999954768	Umbral
1000	23539	2806670.274									
1000	23540	2806670.274									
1000	23541	2806670.274									
1000	23542	2806670.274									
1000	23543	2806699.965	2972-05-19 11:09:09	0.721420839	1.320279161	0.65657653º	1.185529842º	228.353927	63.62031542	1.007891936	Grazing
1000	23544	2806847.488	2972-10-13 23:42:47	0.751118104	1.290581896	0.763493125º	1.295553372º	228.6077346	56.90292694	1.00200641	Umbral
1000	23545	2806847.488									
1000	23546	2806847.488									
1000	23547	2806847.488									
1000	23548	2806847.488									
1000	23549	2807024.362	2973-04-08 20:41:50	0.728780126	1.312919874	0.687451686º	1.222254639º	226.2317273	61.36447899	0.996867679	Total
1000	23550	2807024.362									
1000	23551	2807024.362									
1000	23552	2807024.362									
1000	23553	2807024.362									
1000	23554	2807202.009	2973-10-03 12:12:21	0.738178434	1.303521566	0.713611288º	1.244125646º	228.5830961	59.854151	1.004926201	Total
1000	23555	2807202.009									
1000	23556	2807202.009									
1000	23557	2807202.009									
1000	23558	2807202.009									
1000	23559	2807202.009									
1000	23560	2807378.741	2974-03-29 05:46:48	0.743548509	1.298151491	0.740740298º	1.277113863º	226.4052196	58.06835891	0.993948645	Umbral
1000	23561	2807378.741									
1000	23562	2807378.741									
1000	23563	2807378.741									
1000	23564	2807378.741									
1000	23565	2807378.741									
1000	23566	2807556.239	2974-09-22 17:43:30	0.724999081	1.316700919	0.667840458º	1.196873284º	228.5131095	62.8470833	1.007740449	Umbral
1000	23567	2807556.239									
1000	23568	2807556.239									
1000	23569	2807556.239									
1000	23570	2807556.239									
1000	23571	2807556.239									
1000	23572	2807703.937	2975-02-17 10:29:32	0.751233558	1.290466442	0.776017593º	1.316918283º	225.0100334	55.98165553	0.985629687	Penumbral
1000	23573	2807703.937									
1000	23574	2807703.937									
1000	23575	2807703.937									
1000	23576	2807703.937									
1000	23577	2807733.352	2975-03-18 20:27:19	0.752349988	1.289350012	0.776379197º	1.314209559º	226.2757128	56.04389568	0.99125638	Penumbral

1000	23578	2807880.639	2975-08-13 03:19:31	0.727356977	1.314343023	0.670113646º	1.195312689º	230.3966703	62.82183394	1.015096628	Penumbral
1000	23579	2807880.639									
1000	23580	2807880.639									
1000	23581	2807880.639									
1000	23582	2807910.259	2975-09-11 18:12:58	0.722277656	1.319422344	0.657550132º	1.185229563º	228.9730394	63.5966081	1.010325108	Penumbral
1000	23583	2808058.543	2976-02-07 01:02:37	0.742009233	1.299690767	0.74163055º	1.283182335º	224.284277	57.86968409	0.984444689	Umbral
1000	23584	2808058.543									
1000	23585	2808058.543									
1000	23586	2808058.543									
1000	23587	2808058.543									
1000	23588	2808088.016	2976-03-07 12:22:21	0.749172997	1.292527003	0.765636972º	1.304758754º	225.5955237	56.59206851	0.988881911	Grazing
1000	23589	2808234.889	2976-08-01 09:19:49	0.741432786	1.300267214	0.716733059º	1.24149229º	231.3958564	59.83757766	1.015947402	Umbral
1000	23590	2808234.889									
1000	23591	2808234.889									
1000	23592	2808234.889									
1000	23593	2808234.889									
1000	23594	2808412.919	2977-01-26 10:03:31	0.725976181	1.315723819	0.686917256º	1.228816216º	223.2181193	61.17301571	0.983813989	Total
1000	23595	2808412.919									
1000	23596	2808412.919									
1000	23597	2808412.919									
1000	23598	2808412.919									
1000	23599	2808412.919									
1000	23600	2808589.434	2977-07-21 22:24:57	0.754849948	1.286850052	0.7667902º	1.291392079º	232.1776233	56.92498699	1.016252132	Total
1000	23601	2808589.434									
1000	23602	2808589.434									
1000	23603	2808589.434									
1000	23604	2808589.434									
1000	23605	2808589.434									
1000	23606	2808766.993	2978-01-15 11:49:25	0.714622448	1.327077552	0.651505836º	1.193441349º	222.5843291	63.52619586	0.983747633	Umbral
1000	23607	2808766.993									
1000	23608	2808766.993									
1000	23609	2808766.993									
1000	23610	2808766.993									
1000	23611	2808914.849	2978-06-12 08:22:10	0.755616471	1.286083529	0.772617703º	1.299014987º	231.3917885	56.55502261	1.012785958	Grazing
1000	23612	2808914.849									
1000	23613	2808914.849									
1000	23614	2808914.849									
1000	23615	2808914.849									
1000	23616	2808944.141	2978-07-11 15:22:40	0.758882085	1.282817915	0.78337037º	1.308087385º	232.2953475	56.01734397	1.016029139	Umbral
1000	23617	2809091.238	2978-12-05 17:42:59	0.724978928	1.316721072	0.680750878º	1.220058204º	224.1569445	61.65376286	0.988541694	Grazing
1000	23618	2809091.238									
1000	23619	2809091.238									
1000	23620	2809091.238									
1000	23621	2809091.238									

1000	23622	2809120.957	2979-01-04 10:58:44	0.717220892	1.324479108	0.659031155º	1.200666932º	222.8425877	63.02091879	0.984292029	Penumbral
1000	23623	2809269.432	2979-06-01 22:22:14	0.742854675	1.298845325	0.72569046º	1.253140074º	230.2492203	59.21378351	1.010765321	Umbral
1000	23624	2809269.432									
1000	23625	2809269.432									
1000	23626	2809269.432									
1000	23627	2809269.432									
1000	23628	2809298.816	2979-07-01 07:34:47	0.751185379	1.290514621	0.753289428º	1.278385163º	231.7508222	57.66950617	1.01529634	Grazing
1000	23629	2809445.577	2979-11-25 01:51:11	0.741467816	1.300232184	0.735213911º	1.273231225º	225.6396571	58.3414683	0.990911935	Umbral
1000	23630	2809445.577									
1000	23631	2809445.577									
1000	23632	2809445.577									
1000	23633	2809445.577									
1000	23634	2809623.731	2980-05-21 05:32:03	0.727332171	1.314367829	0.674955572º	1.203673477º	228.7562827	62.38030901	1.008340691	Total
1000	23635	2809623.731									
1000	23636	2809623.731									
1000	23637	2809623.731									
1000	23638	2809623.731									
1000	23639	2809800.173	2980-11-13 16:08:49	0.752535091	1.289164909	0.77527983º	1.311856823º	226.8191843	56.13649201	0.993571816	Total
1000	23640	2809800.173									
1000	23641	2809800.173									
1000	23642	2809800.173									
1000	23643	2809800.173									
1000	23644	2809800.173									
1000	23645	2809977.769	2981-05-10 06:28:01	0.720327984	1.321372016	0.654893936º	1.185100038º	227.7249028	63.69393749	1.005510452	Umbral
1000	23646	2809977.769									
1000	23647	2809977.769									
1000	23648	2809977.769									
1000	23649	2809977.769									
1000	23650	2809977.769									
1000	23651	2810154.849	2981-11-03 08:22:17	0.751763407	1.289936593	0.770259874º	1.305289798º	227.3780166	56.45020325	0.996444785	Umbral
1000	23652	2810154.849									
1000	23653	2810154.849									
1000	23654	2810154.849									
1000	23655	2810154.849									
1000	23656	2810154.849									
1000	23657	2810302.231	2982-03-30 17:32:52	0.732527855	1.309172145	0.701677365º	1.237873724º	225.8637892	60.41833462	0.994277132	Penumbral
1000	23658	2810302.231									
1000	23659	2810302.231									
1000	23660	2810302.231									
1000	23661	2810302.231									
1000	23662	2810479.911	2982-09-24 09:51:25	0.734416107	1.307283893	0.698867576º	1.22809704º	228.9517269	60.81192978	1.007366018	Penumbral
1000	23663	2810479.911									
1000	23664	2810479.911									
1000	23665	2810479.911									

1000	23666	2810479.911									
1000	23667	2810509.41	2982-10-23 21:50:51	0.740251101	1.301448899	0.724975376º	1.258407985º	227.4231267	59.07917192	0.999428548	Penumbral
1000	23668	2810656.686	2983-03-20 04:27:58	0.746680894	1.295019106	0.754169353º	1.291861054º	226.0416505	57.26718848	0.991512008	Umbral
1000	23669	2810656.686									
1000	23670	2810656.686									
1000	23671	2810656.686									
1000	23672	2810656.686									
1000	23673	2810686.142	2983-04-18 15:24:21	0.741590126	1.300109874	0.729633349º	1.263092575º	227.5270575	58.80154442	0.999378681	Grazing
1000	23674	2810834.065	2983-09-13 13:33:30	0.723272464	1.318427536	0.660882948º	1.188742636º	228.9435193	63.36068386	1.009980094	Umbral
1000	23675	2810834.065									
1000	23676	2810834.065									
1000	23677	2810834.065									
1000	23678	2810834.065									
1000	23679	2811011.328	2984-03-08 19:52:51	0.752412991	1.289287009	0.778137755º	1.31712498º	225.8282882	55.91887865	0.989128782	Total
1000	23680	2811011.328									
1000	23681	2811011.328									
1000	23682	2811011.328									
1000	23683	2811011.328									
1000	23684	2811011.328									
1000	23685	2811188.079	2984-09-01 13:53:55	0.724474871	1.317225129	0.663100269º	1.189791947º	229.5347999	63.24833276	1.012219862	Total
1000	23686	2811188.079									
1000	23687	2811188.079									
1000	23688	2811188.079									
1000	23689	2811188.079									
1000	23690	2811365.968	2985-02-26 11:13:59	0.745746607	1.295953393	0.753729533º	1.293811518º	225.04689	57.22545163	0.987123794	Umbral
1000	23691	2811365.968									
1000	23692	2811365.968									
1000	23693	2811365.968									
1000	23694	2811365.968									
1000	23695	2811365.968									
1000	23696	2811542.261	2985-08-21 18:16:26	0.737441414	1.304258586	0.704249336º	1.230021759º	230.7088456	60.58067495	1.013989617	Umbral
1000	23697	2811542.261									
1000	23698	2811542.261									
1000	23699	2811542.261									
1000	23700	2811542.261									
1000	23701	2811542.261									
1000	23702	2811690.746	2986-01-17 05:54:05	0.721674494	1.320025506	0.673159381º	1.21510708º	222.9738382	62.06512054	0.983725513	Penumbral
1000	23703	2811690.746									
1000	23704	2811690.746									
1000	23705	2811690.746									
1000	23706	2811690.746									
1000	23707	2811720.415	2986-02-15 21:56:55	0.730258831	1.311441169	0.70001078º	1.240997752º	223.8003692	60.37422129	0.985472488	Penumbral
1000	23708	2811867.438	2986-07-12 22:31:20	0.757114429	1.284585571	0.776124619º	1.30083495º	232.2184936	56.40923288	1.016042082	Penumbral
1000	23709	2811867.438									

1000	23710	2811867.438									
1000	23711	2811867.438									
1000	23712	2811867.438									
1000	23713	2811896.748	2986-08-11 05:57:01	0.752235833	1.289464167	0.757227805º	1.282346364º	231.8297222	57.44564569	1.015252211	Penumbral
1000	23714	2812044.758	2987-01-06 06:11:39	0.713880799	1.327819201	0.649007098º	1.190699136º	222.6413389	63.70756497	0.984189798	Umbral
1000	23715	2812044.758									
1000	23716	2812044.758									
1000	23717	2812044.758									
1000	23718	2812222.155	2987-07-02 15:43:48	0.757719819	1.283980181	0.779048713º	1.304100925º	232.1056219	56.2413289	1.015380501	Total
1000	23719	2812222.155									
1000	23720	2812222.155									
1000	23721	2812222.155									
1000	23722	2812222.155									
1000	23723	2812222.155									
1000	23724	2812398.754	2987-12-26 06:05:56	0.720764904	1.320935096	0.66945898º	1.210566178º	223.2235443	62.33762921	0.985253531	Total
1000	23725	2812398.754									
1000	23726	2812398.754									
1000	23727	2812398.754									
1000	23728	2812398.754									
1000	23729	2812398.754									
1000	23730	2812576.787	2988-06-21 06:52:46	0.747113059	1.294586941	0.738646292º	1.264295801º	231.2988058	58.49883355	1.014226721	Total
1000	23731	2812576.787									
1000	23732	2812576.787									
1000	23733	2812576.787									
1000	23734	2812576.787									
1000	23735	2812576.787									
1000	23736	2812753.013	2988-12-14 12:18:28	0.736751329	1.304948671	0.721203584º	1.261436825º	224.4911037	59.10321784	0.986847416	Total
1000	23737	2812753.013									
1000	23738	2812753.013									
1000	23739	2812753.013									
1000	23740	2812753.013									
1000	23741	2812753.013									
1000	23742	2812901.565	2989-05-12 01:34:19	0.723554933	1.318145067	0.664598191º	1.19457292º	227.9999813	63.03520971	1.005949434	Grazing
1000	23743	2812901.565									
1000	23744	2812901.565									
1000	23745	2812901.565									
1000	23746	2812931.16	2989-06-10 15:50:05	0.731534728	1.310165272	0.685562418º	1.212101688º	229.9979869	61.75239553	1.012512852	Penumbral
1000	23747	2813078.155	2989-11-04 15:43:26	0.754025364	1.287674636	0.779457812º	1.314688605º	227.4262815	55.94783599	0.996070826	Penumbral
1000	23748	2813078.155									
1000	23749	2813078.155									
1000	23750	2813078.155									
1000	23751	2813078.155									
1000	23752	2813107.556	2989-12-04 01:20:15	0.749888653	1.291811347	0.768313136º	1.307440701º	225.6555556	56.44565785	0.988871303	Penumbral
1000	23753	2813255.572	2990-05-01 01:43:13	0.720397724	1.321302276	0.656806248º	1.188376654º	227.1409362	63.5147942	1.002929756	Umbral

1000	23754	2813255.572									
1000	23755	2813255.572									
1000	23756	2813255.572									
1000	23757	2813255.572									
1000	23758	2813285.247	2990-05-30 17:55:40	0.722011134	1.319688866	0.656706674º	1.184388133º	228.9634353	63.65495737	1.010321225	Grazing
1000	23759	2813432.822	2990-10-25 07:44:21	0.749789977	1.291910023	0.760576028º	1.29423118º	227.8662504	57.02099478	0.999011771	Umbral
1000	23760	2813432.822									
1000	23761	2813432.822									
1000	23762	2813432.822									
1000	23763	2813432.822									
1000	23764	2813609.68	2991-04-20 04:18:41	0.730458109	1.311241891	0.690964452º	1.224178898º	226.990335	61.18937326	0.99983746	Total
1000	23765	2813609.68									
1000	23766	2813609.68									
1000	23767	2813609.68									
1000	23768	2813609.68									
1000	23769	2813609.68									
1000	23770	2813787.323	2991-10-14 19:45:30	0.736471712	1.305228288	0.709756574º	1.241804492º	227.8249395	60.04444941	1.002029627	Total
1000	23771	2813787.323									
1000	23772	2813787.323									
1000	23773	2813787.323									
1000	23774	2813787.323									
1000	23775	2813964.08	2992-04-08 13:55:06	0.745036659	1.296663341	0.744196585º	1.279024354º	227.1194408	57.91356409	0.996821422	Umbral
1000	23776	2813964.08									
1000	23777	2813964.08									
1000	23778	2813964.08									
1000	23779	2813964.08									
1000	23780	2813964.08									
1000	23781	2814141.531	2992-10-03 00:44:17	0.723603023	1.318096977	0.665316084º	1.195777976º	227.803939	62.97006606	1.005025593	Umbral
1000	23782	2814141.531									
1000	23783	2814141.531									
1000	23784	2814141.531									
1000	23785	2814141.531									
1000	23786	2814141.531									
1000	23787	2814289.301	2993-02-27 19:13:46	0.751468358	1.290231642	0.775719202º	1.315695991º	225.3858625	56.02222576	0.987316101	Penumbral
1000	23788	2814289.301									
1000	23789	2814289.301									
1000	23790	2814289.301									
1000	23791	2814289.301									
1000	23792	2814318.705	2993-03-29 04:54:55	0.753181134	1.288518866	0.777710526º	1.314079041º	226.9055433	56.01129277	0.993958002	Penumbral
1000	23793	2814465.917	2993-08-23 09:59:52	0.727579793	1.314120207	0.671797325º	1.197682139º	230.0846248	62.68550473	1.01377291	Penumbral
1000	23794	2814465.917									
1000	23795	2814465.917									
1000	23796	2814465.917									
1000	23797	2814465.917									

1000	23798	2814495.542	2993-09-22 01:00:26	0.7217595	1.3199405	0.657651643º	1.186604802º	228.3645896	63.54595694	1.007892229	Penumbral
1000	23799	2814643.903	2994-02-17 09:40:41	0.741602883	1.300097117	0.739322354º	1.280230136º	224.5157147	58.02060471	0.985616764	Umbral
1000	23800	2814643.903									
1000	23801	2814643.903									
1000	23802	2814643.903									
1000	23803	2814673.371	2994-03-18 20:53:55	0.749291925	1.292408075	0.764337895º	1.302172927º	226.1266197	56.69837776	0.991247774	Grazing
1000	23804	2814820.183	2994-08-12 16:24:06	0.742142697	1.299557303	0.719879067º	1.245049489º	231.2397474	59.63308064	1.015151948	Umbral
1000	23805	2814820.183									
1000	23806	2814820.183									
1000	23807	2814820.183									
1000	23808	2814820.183									
1000	23809	2814998.266	2995-02-06 18:22:48	0.725370531	1.316329469	0.684563786º	1.226129858º	223.3145799	61.33467813	0.984418718	Total
1000	23810	2814998.266									
1000	23811	2814998.266									
1000	23812	2814998.266									
1000	23813	2814998.266									
1000	23814	2814998.266									
1000	23815	2815174.743	2995-08-02 05:49:17	0.755349796	1.286350204	0.769012427º	1.293751953º	232.1340426	56.79829073	1.015985553	Total
1000	23816	2815174.743									
1000	23817	2815174.743									
1000	23818	2815174.743									
1000	23819	2815174.743									
1000	23820	2815174.743									
1000	23821	2815352.328	2996-01-26 19:52:10	0.714393771	1.327306229	0.650791412º	1.192706782º	222.5813946	63.57625137	0.983784197	Umbral
1000	23822	2815352.328									
1000	23823	2815352.328									
1000	23824	2815352.328									
1000	23825	2815352.328									
1000	23826	2815352.328									
1000	23827	2815500.163	2996-06-22 15:54:24	0.755534613	1.286165387	0.771007453º	1.296575814º	231.7676114	56.66582591	1.014383317	Grazing
1000	23828	2815500.163									
1000	23829	2815500.163									
1000	23830	2815500.163									
1000	23831	2815529.453	2996-07-21 22:52:17	0.758798814	1.282901186	0.782853538º	1.307449052º	232.3436717	56.04833887	1.016264462	Umbral
1000	23832	2815676.576	2996-12-16 01:50:06	0.725198576	1.316501424	0.682685782º	1.223053941º	223.7552667	61.4941628	0.986601021	Grazing
1000	23833	2815676.576									
1000	23834	2815676.576									
1000	23835	2815676.576									
1000	23836	2815676.576									
1000	23837	2815706.295	2997-01-14 19:05:30	0.717570034	1.324129966	0.66041127º	1.202341308º	222.7515072	62.91740339	0.983757571	Penumbral
1000	23838	2815854.736	2997-06-12 05:40:02	0.742500512	1.299199488	0.722883847º	1.2493064º	230.7076078	59.41333983	1.012737343	Umbral
1000	23839	2815854.736									
1000	23840	2815854.736									
1000	23841	2815854.736									

1000	23842	2815854.736									
1000	23843	2815884.121	2997-07-11 14:53:52	0.750607236	1.291092764	0.750490713º	1.275231381º	231.8943327	57.83925768	1.015983341	Grazing
1000	23844	2816030.927	2997-12-05 10:14:50	0.741623376	1.300076624	0.737425679º	1.276686773º	225.1398572	58.17725047	0.988626443	Umbral
1000	23845	2816030.927									
1000	23846	2816030.927									
1000	23847	2816030.927									
1000	23848	2816030.927									
1000	23849	2816209.02	2998-06-01 12:29:07	0.727358251	1.314341749	0.673322351º	1.200830285º	229.3247111	62.52930683	1.010653574	Total
1000	23850	2816209.02									
1000	23851	2816209.02									
1000	23852	2816209.02									
1000	23853	2816209.02									
1000	23854	2816209.02									
1000	23855	2816385.526	2998-11-25 00:37:41	0.75213545	1.28956455	0.775678881º	1.313660854º	226.2155077	56.07751163	0.99097703	Total
1000	23856	2816385.526									
1000	23857	2816385.526									
1000	23858	2816385.526									
1000	23859	2816385.526									
1000	23860	2816563.056	2999-05-21 13:20:37	0.721235438	1.320464562	0.655843723º	1.184656626º	228.4015711	63.67592761	1.008159549	Umbral
1000	23861	2816563.056									
1000	23862	2816563.056									
1000	23863	2816563.056									
1000	23864	2816563.056									
1000	23865	2816563.056									
1000	23866	2816740.195	2999-11-14 16:41:01	0.750634347	1.291065653	0.767933724º	1.304503833º	226.6908408	56.5355485	0.993584563	Total
1000	23867	2816740.195									
1000	23868	2816740.195									
1000	23869	2816740.195									
1000	23870	2816740.195									
1000	23871	2816740.195									
1000	23872	2816887.558	3000-04-11 01:24:05	0.734194815	1.307505185	0.705373864º	1.240003202º	226.5960935	60.2365112	0.9971914	Grazing
1000	23873	2816887.558									
1000	23874	2816887.558									
1000	23875	2816887.558									
1000	23876	2816887.558									
1000	23877	2816917.125	3000-05-10 14:59:36	0.728753278	1.312946722	0.681510387º	1.211799521º	228.1686416	61.89588326	1.005353011	Penumbral
1000	23878	2817065.216	3000-10-05 17:10:34	0.732741351	1.308958649	0.695171632º	1.225873397º	228.2215948	61.00020145	1.00457133	Penumbral
1000	23879	2817065.216									
1000	23880	2817065.216									
1000	23881	2817065.216									
1000	23882	2817094.739	3000-11-04 05:44:33	0.738597597	1.303102403	0.721178464º	1.256224952º	226.6714807	59.25870209	0.996413936	Penumbral
1000	23883	2817242.033	3001-03-31 12:47:41	0.747972148	1.293727852	0.757160052º	1.293347511º	226.7008692	57.14147835	0.994293635	Umbral
1000	23884	2817242.033									
1000	23885	2817242.033									

1000	23886	2817242.033									
1000	23887	2817242.033									
1000	23888	2817271.468	3001-04-29 23:13:16	0.743222085	1.298477915	0.733417438º	1.265263687º	228.2873833	58.62549753	1.002409586	Grazing
1000	23889	2817419.35	3001-09-24 20:23:28	0.722135761	1.319564239	0.659056687º	1.188250473º	228.2954169	63.44082396	1.007433933	Umbral
1000	23890	2817419.35									
1000	23891	2817419.35									
1000	23892	2817419.35									
1000	23893	2817419.35									