TOTAL, ANNULAR AND HYBRID SOLAR ECLIPSES VISIBLE IN THE IBERIAN PENINSULA (1000/3000)

Source: http://sunearth.gsfc.nasa.gov/eclipse/eclipse.html

Date	U.T. Greatest Eclipse	Type	Saros #	Gamma	Eclipse Mag.	Lat. °	Long. °	Sun Alt °	Path Width km	Center Dur.
1044 Nov 22	10:45	A	117	0.842	0.921	35.9N	20.5E	32	553	09m24s
1079 Jul 01	13:31	T	102	0.339	1.066	42.3N	16.7W	70	230	05m12s
1084 Oct 02	13:36	A	119	0.786	0.989	43.2N	8.4W	38	64	01m00s
1125 Dec 26	14:49	A	98	0.704	0.943	21.9N	40.2W	45	299	07m10s
1153 Jan 26	11:29	A	117	0.783	0.937	31.1N	8.8W	38	366	06m53s
1178 Sep 13	11:55	T	121	0.619	1.050	37.5N	13.4E	52	210	03m59s
1192 Dec 06	15:20	A	119	0.722	0.961	23.0N	52.8W	44	202	04m30s
1201 Nov 27	11:36	A	100	0.760	0.946	26.1N	15.2E	40	303	06m16s
1201 Nov 27	11:36	A	100	0.760	0.946	26.1N	15.2E	40	303	06m16s
1310 Jan 31	12:50	A	100	0.820	0.936	39.0N	22.0W	35	416	07m01s
1321 Jun 26	06:46	H	106	0.565	1.006	56.7N	90.3E	55	23	00m27s
1333 May 14	13:48	A	117	0.280	0.996	36.0N	34.2W	74	13	00m20s
1354 Sep 17	09:48	H	114	0.295	1.012	14.2N	39.3E	73	44	01m07s
1379 May 16	16:23	T	108	0.440	1.067	47.0N	70.5W	64	243	05m06s
1384 Aug 17	13:04	A	125	0.535	1.000	41.7N	4.6W	57	1	00m01s
1406 Jun 16	07:07	T	127	0.718	1.060	69.4N	64.4E	44	283	03m48s
1411 Aug 19	18:00	A	106	0.938	0.972	62.3N	23.7W	20	286	01m52s
1415 Jun 07	07:18	T	108	0.583	1.071	59.2N	73.6E	54	285	04m51s
1437 Apr 05	16:48	A	110	0.398	0.942	32.1N	79.3W	66	234	06m39s
1448 Aug 29	11:03	A	116	0.338	0.939	23.4N	23.8E	70	239	06m37s
1478 Jul 29	12:58	T	127	0.426	1.068	41.4N	6.9W	65	244	05m18s
1485 Mar 16	14:21	T	121	0.334	1.062	19.1N	43.6W	70	213	04m53s
1525 Jan 23	15:29	A	123	0.289	0.957	1.2S	54.8W	73	163	04m58s
1539 Apr 18	14:13	T	121	0.185	1.068	23.7N	38.7W	79	225	05m28s
1560 Aug 21	12:29	T	118	0.405	1.047	29.7N	5.3E	66	170	03m44s
1571 Jan 25	16:05	T	114	0.443	1.030	9.5N	62.8W	64	113	02m59s
1579 Feb 25	15:33	A	123	0.223	0.973	6.0N	56.4W	77	100	02m48s
1600 Jul 10	12:34	T	120	0.281	1.024	38.2N	2.6W	73	84	02m08s
1605 Oct 12	12:58	T	137	0.802	1.034	43.4N	0.6E	36	192	02m43s
1614 Oct 03	12:03	T	118	0.551	1.028	25.2N	13.6E	56	113	02m22s
1683 Jan 27	15:10	A	116	0.653	0.919	22.1N	50.5W	49	402	10m44s
1684 Jul 12	14:40	H	131	0.392	1.004	45.1N	37.1W	67	16	00m23s
1706 May 12	09:35	T	133	0.598	1.059	51.5N	15.3E	53	242	04m06s
1753 Oct 26	10:22	H	139	0.591	1.011	22.7N	29.7E	54	49	01m08s
1764 Apr 01	10:17	A	135	0.729	0.932	44.2N	2.5W	43	360	06m20s
1777 Jan 09	15:55	A	118	0.699	0.986	22.5N	58.9W	45	70	01m32s
1842 Jul 08	07:06	T	124	0.473	1.054	50.1N	83.6E	62	204	04m05s
1860 Jul 18	14:26	T	124	0.549	1.050	52.5N	20.3W	56	198	03m39s
1870 Dec 22	12:28	T	120	0.859	1.025	35.8N	1.5W	31	165	02m11s
1900 May 28	14:54	T	126	0.394	1.025	44.8N	46.5W	67	92	02m10s
1905 Aug 30	13:07	T	143	0.571	1.048	42.5N	4.3W	55	192	03m46s
1912 Apr 17	11:34	H	137	0.528	1.000	38.4N	11.2W	58	1	00m02s
2005 Oct 03	10:32	A	134	0.330	0.958	12.9N	28.7E	71	162	04m32s
2026 Aug 12	17:46	T	126	0.898	1.039	65.2N	25.2W	26	294	02m18s
2027 Aug 02	10:06	T	136	0.142	1.079	25.5N	33.2E	82	258	06m23s
2028 Jan 26	15:07	A	141	0.390	0.921	3.0N	51.5W	67	323	10m27s
2053 Sep 12	09:32	T	145	0.314	1.033	21.5N	41.8E	72	116	03m04s
2056 Jul 12	20:20	A	137	-0.042	0.988	19.4N	123.6W	88	43	01m26s

Date	U.T. Greatest Eclipse	Type	Saros #	Gamma	Eclipse Mag.	Lat. °	Long. °	Sun Alt °	Path Width km	Center Dur.
2082 Feb 27	14:44	A	141	0.336	0.930	9.4N	47.0W	70	277	08m12s
2113 Dec 08	08:59	A	134	0.505	0.930	7.1N	49.0E	60	304	09m35s
2136 Apr 01	13:22	A	141	0.230	0.943	16.5N	26.1W	77	216	06m14s
2147 Aug 26	08:04	A	147	0.327	0.943	29.0N	65.2E	71	224	06m49s
2175 Aug 16	13:02	A	138	0.449	0.980	37.5N	0.6W	63	78	01m50s
2180 Nov 17	10:28	T	155	0.761	1.046	30.1N	26.4E	40	238	04m03s
2205 Jul 17	15:11	T	149	0.437	1.052	47.2N	43.1W	64	194	04m10s
2327 Jun 20	12:42	T	142	0.254	1.079	38.2N	8.4W	75	265	06m21s
2377 Oct 03	14:18	A	140	0.817	0.941	42.6N	4.9W	35	365	05m29s
2419 Jan 26	06:27	A	157	0.556	0.977	13.2N	75.0E	56	98	02m30s
2433 Apr 20	10:43	T	155	0.546	1.045	40.8N	0.7E	57	177	03m21s
2457 Jun 22	07:56	A	144	0.497	0.983	53.2N	67.2E	60	71	01m32s
2480 Oct 04	09:06	T	161	0.455	1.063	21.1N	49.0E	63	231	05m26s
2507 Oct 07	16:55	T	142	0.913	1.046	49.9N	34.4W	24	373	03m07s
2547 Aug 16	18:20	A	144	0.883	0.991	63.0N	39.0W	28	67	00m36s
2551 Jun 05	15:44	A	146	0.440	0.970	48.9N	56.4W	64	121	02m55s
2574 Sep 16	10:56	A	163	0.385	0.983	24.1N	22.1E	67	63	01m45s
2599 May 15	14:58	T	157	0.238	1.034	32.1N	50.6W	76	117	02m56s
2627 May 07	14:19	T	148	0.412	1.069	40.8N	41.3W	65	246	05m22s
2665 Oct 30	13:12	T	173	0.857	1.033	43.6N	6.4W	31	215	02m40s
2693 Apr 27	13:45	A	159	0.233	0.936	26.4N	33.0W	76	245	07m11s
2697 Feb 13	15:54	T	161	0.262	1.030	0.7N	61.7W	75	106	02m46s
2719 Dec 03	14:27	T	173	0.784	1.033	29.9N	37.2W	38	180	03m00s
2757 May 10	08:48	A	150	0.668	0.976	58.8N	34.6E	48	116	02m01s
2777 Oct 23	12:18	A	175	0.811	0.929	41.0N	7.4E	35	449	07m45s
2802 Jun 21	08:37	A	169	0.547	0.980	56.5N	46.3E	57	86	01m46s
2820 Jul 01	15:26	A	169	0.466	0.985	50.9N	50.8W	62	62	01m24s
2831 Nov 25	10:52	A	175	0.705	0.927	24.2N	17.6E	45	387	09m32s
2878 May 23	09:21	A	171	0.676	0.968	60.3N	16.4E	47	156	02m36s
2912 Dec 29	13:58	A	156	0.879	0.936	38.7N	26.8W	28	505	07m10s
2920 Aug 05	14:18	T	160	0.498	1.066	43.7N	17.3W	60	248	04m49s
2960 Jun 15	09:33	A	162	0.333	0.947	42.9N	39.3E	70	205	05m45s
2965 Sep 16	12:55	T	179	0.612	1.054	38.0N	1.2W	52	226	04m20s