

TABLE

Total Solar Eclipses Around the World - Page 1
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1	03340	-0599 Mar 17	03:12:05	0.9387	4.6° S	147.3° W	89.5°	07m01s
2	03341	-0599 Sep 10	04:43:29	1.0501	9.9° N	172.5° W	87.6°	04m13s
3	03342	-0598 Mar 06	04:31:34	0.9565	32.2° N	169.8° E	43.5°	04m19s
4	03348	-0596 Jan 14	16:47:19	1.0489	57.7° S	23.7° E	53.2°	03m21s
5	03349	-0596 Jul 09	10:03:01	0.9490	62.4° N	119.8° E	50.0°	04m26s
6	03350	-0595 Jan 03	08:05:12	1.0251	19.1° S	137.3° E	85.4°	02m28s
7	03351	-0595 Jun 28	14:34:50	0.9974	15.5° N	36.8° E	81.7°	00m18s
8	03352	-0595 Dec 23	18:39:43	0.9622	30.6° N	25.7° W	35.5°	04m09s
9	03353	-0594 Jun 18	02:24:37	1.0440	40.6° S	141.2° W	26.2°	03m44s
10	03356	-0593 May 09	12:28:16	1.0654	73.9° N	22.3° E	25.9°	03m45s
11	03357	-0593 Nov 02	02:24:04	0.9325	65.1° S	171.4° W	33.9°	05m32s
12	03358	-0592 Apr 28	03:37:40	1.0317	20.8° N	160.9° W	80.6°	03m05s
13	03359	-0592 Oct 21	08:40:14	0.9934	14.0° S	122.7° E	84.5°	00m42s
14	03360	-0591 Apr 17	12:31:12	0.9716	29.8° S	81.3° E	50.5°	03m03s
15	03361	-0591 Oct 10	21:43:55	1.0392	30.3° N	59.2° W	53.4°	03m20s
16	03366	-0589 Feb 25	01:07:26	0.9675	34.1° N	129.0° W	42.4°	03m23s
17	03367	-0589 Aug 21	15:57:08	0.9868	29.4° S	7.6° E	44.6°	01m22s
18	03368	-0588 Feb 14	10:48:38	1.0251	16.8° S	99.7° E	88.5°	02m29s
19	03369	-0588 Aug 09	20:47:36	0.9484	19.7° N	54.0° W	88.3°	06m34s
20	03370	-0587 Feb 03	01:50:15	1.0508	63.3° S	110.7° W	43.9°	03m21s
21	03371	-0587 Jul 29	21:02:02	0.9382	70.6° N	43.5° W	39.3°	05m06s
22	03376	-0586 Dec 14	14:58:15	0.9484	18.0° N	39.7° E	48.1°	06m18s
23	03377	-0585 Jun 09	02:19:58	1.0652	2.4° S	134.2° W	64.7°	06m10s
24	03378	-0585 Dec 03	16:16:58	0.9182	22.3° S	10.6° E	89.1°	10m27s
25	03379	-0584 May 28	19:28:50	1.0798	38.2° N	45.0° W	71.1°	06m04s
26	03380	-0584 Nov 21	15:26:35	0.9247	58.0° S	4.2° W	46.4°	06m34s
27	03385	-0582 Apr 08	09:08:42	0.9546	42.3° S	152.5° E	34.8°	04m09s
28	03386	-0582 Oct 01	20:59:24	1.0455	40.6° N	31.1° W	41.0°	03m16s
29	03387	-0581 Mar 28	09:58:33	0.9417	3.7° S	110.8° E	85.6°	06m37s
30	03388	-0581 Sep 21	13:01:27	1.0450	7.0° N	62.0° E	86.0°	03m48s
31	03389	-0580 Mar 16	11:42:18	0.9631	31.9° N	61.3° E	48.1°	03m34s
32	03390	-0580 Sep 10	01:57:23	0.9945	29.0° S	154.4° W	48.0°	00m30s
33	03395	-0578 Jan 25	01:22:11	1.0512	55.8° S	100.9° W	52.0°	03m28s
34	03396	-0578 Jul 20	16:42:17	0.9476	65.2° N	30.4° E	44.2°	04m19s

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Total Solar Eclipses Around the World - Page 2
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
35	03397	-0577 Jan 14	16:39:43	1.0248	18.6° S	8.5° E	86.0°	02m24s
36	03398	-0577 Jul 09	21:33:45	0.9993	19.5° N	68.4° W	86.0°	00m04s
37	03399	-0576 Jan 04	02:58:21	0.9611	29.9° N	154.7° W	36.0°	04m17s
38	03400	-0576 Jun 28	09:45:01	1.0478	31.4° S	103.9° E	34.6°	04m18s
39	03403	-0575 May 19	19:52:45	1.0606	79.3° N	160.2° W	13.3°	03m06s
40	03405	-0575 Nov 12	10:34:31	0.9336	69.8° S	65.1° E	33.6°	05m15s
41	03406	-0574 May 09	10:47:35	1.0291	28.7° N	89.0° E	76.2°	02m46s
42	03407	-0574 Nov 01	17:09:53	0.9947	18.4° S	6.1° W	84.1°	00m33s
43	03408	-0573 Apr 28	19:16:00	0.9713	21.1° S	25.2° W	56.0°	03m19s
44	03409	-0573 Oct 22	06:24:20	1.0387	25.5° N	167.6° E	54.2°	03m24s
45	03414	-0571 Mar 07	08:33:18	0.9728	41.2° N	113.7° E	38.4°	02m36s
46	03415	-0571 Aug 31	23:33:40	0.9796	36.1° S	111.8° W	40.8°	02m01s
47	03416	-0570 Feb 24	18:48:18	1.0313	11.2° S	22.2° W	89.4°	03m04s
48	03417	-0570 Aug 21	03:50:19	0.9437	13.3° N	161.7° W	88.4°	07m18s
49	03418	-0569 Feb 14	10:10:41	1.0551	57.4° S	124.1° E	46.1°	03m45s
50	03419	-0569 Aug 10	03:51:16	0.9375	62.0° N	146.5° W	44.9°	05m34s
51	03424	-0568 Dec 24	23:13:44	0.9470	18.4° N	87.3° W	47.6°	06m37s
52	03425	-0567 Jun 19	09:42:08	1.0659	6.2° S	113.5° E	60.0°	06m17s
53	03426	-0567 Dec 14	00:18:30	0.9182	23.7° S	109.7° W	89.4°	10m42s
54	03427	-0566 Jun 09	02:53:49	1.0790	36.2° N	154.2° W	75.6°	06m15s
55	03428	-0566 Dec 02	23:35:05	0.9265	61.5° S	123.5° W	46.7°	06m20s
56	03432	-0564 Apr 18	15:50:40	0.9523	46.2° S	54.7° E	25.9°	04m17s
57	03433	-0564 Oct 12	05:35:35	1.0435	37.9° N	163.1° W	39.7°	03m13s
58	03434	-0563 Apr 07	16:37:26	0.9445	3.2° S	10.9° E	81.4°	06m20s
59	03435	-0563 Oct 01	21:26:14	1.0402	3.6° N	65.5° W	84.8°	03m25s
60	03436	-0562 Mar 27	18:46:43	0.9695	31.8° N	45.0° W	52.8°	02m53s
61	03437	-0562 Sep 21	09:55:50	0.9887	31.0° S	83.9° E	50.1°	01m00s
62	03442	-0560 Feb 05	09:48:53	1.0536	53.5° S	135.4° E	50.3°	03m37s
63	03443	-0560 Jul 30	23:29:54	0.9456	66.1° N	59.8° W	38.4°	04m16s
64	03444	-0559 Jan 25	01:05:11	1.0248	17.7° S	118.1° W	87.0°	02m22s
65	03446	-0558 Jan 14	11:10:14	0.9606	29.2° N	78.3° E	37.0°	04m19s
66	03447	-0558 Jul 09	17:09:51	1.0504	24.7° S	10.9° W	41.3°	04m39s
67	03452	-0557 Nov 23	18:49:07	0.9354	74.0° S	55.6° W	33.6°	04m57s
68	03453	-0556 May 19	17:51:44	1.0258	36.6° N	19.0° W	71.5°	02m22s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
69	03454	-0556 Nov 12	01:45:24	0.9966	22.2° S	135.7° W	84.0°	00m21s
70	03455	-0555 May 09	01:55:29	0.9704	12.7° S	129.6° W	61.3°	03m38s
71	03456	-0555 Nov 01	15:09:28	1.0385	21.4° N	33.3° E	54.7°	03m30s
72	03460	-0553 Mar 18	15:53:22	0.9778	49.2° N	3.8° W	33.6°	01m56s
73	03461	-0553 Sep 12	07:16:43	0.9726	42.8° S	126.6° E	37.4°	02m33s
74	03462	-0552 Mar 07	02:40:48	1.0374	4.8° S	142.8° W	86.9°	03m38s
75	03463	-0552 Aug 31	11:01:31	0.9391	7.0° N	88.2° E	85.6°	07m59s
76	03464	-0551 Feb 24	18:21:56	1.0593	50.7° S	0.9° W	48.9°	04m13s
77	03465	-0551 Aug 20	10:51:35	0.9365	54.0° N	106.5° E	49.4°	06m03s
78	03470	-0549 Jan 05	07:22:57	0.9460	19.8° N	147.2° E	46.7°	06m47s
79	03471	-0549 Jun 30	17:07:35	1.0657	10.9° S	0.3° W	55.2°	06m16s
80	03472	-0549 Dec 25	08:15:49	0.9189	23.9° S	131.3° E	89.8°	10m49s
81	03473	-0548 Jun 19	10:18:38	1.0773	33.3° N	96.2° E	80.0°	06m22s
82	03474	-0548 Dec 13	07:43:37	0.9291	64.2° S	119.6° E	47.1°	06m05s
83	03475	-0547 Jun 09	01:51:23	1.0266	76.4° N	118.5° E	18.0°	01m28s
84	03478	-0546 Apr 29	22:26:02	0.9481	55.2° S	34.6° W	11.0°	04m20s
85	03479	-0546 Oct 23	14:18:31	1.0418	35.3° N	62.7° E	38.9°	03m11s
86	03480	-0545 Apr 18	23:09:10	0.9470	3.3° S	87.2° W	76.8°	06m07s
87	03481	-0545 Oct 13	05:57:57	1.0355	0.0° S	165.2° E	83.9°	03m04s
88	03482	-0544 Apr 07	01:45:15	0.9758	32.0° N	149.2° W	57.6°	02m15s
89	03483	-0544 Oct 01	18:01:19	0.9830	33.8° S	39.4° W	51.6°	01m29s
90	03487	-0542 Feb 15	18:09:16	1.0558	51.0° S	12.2° E	48.1°	03m45s
91	03488	-0542 Aug 11	06:25:39	0.9435	65.6° N	152.8° W	32.3°	04m17s
92	03489	-0541 Feb 05	09:23:58	1.0250	16.3° S	116.8° E	88.3°	02m20s
93	03491	-0540 Jan 25	19:12:59	0.9606	28.6° N	46.1° W	38.5°	04m15s
94	03492	-0540 Jul 20	00:41:28	1.0520	19.8° S	126.5° W	46.8°	04m48s
95	03497	-0539 Dec 04	03:03:45	0.9378	77.6° S	170.2° W	33.5°	04m39s
96	03498	-0538 May 31	00:54:35	1.0217	44.0° N	125.4° W	66.6°	01m55s
97	03499	-0538 Nov 23	10:23:35	0.9989	25.3° S	94.4° E	84.0°	00m06s
98	03500	-0537 May 20	08:29:05	0.9690	4.7° S	128.1° E	66.7°	03m58s
99	03501	-0537 Nov 12	23:59:29	1.0387	18.0° N	102.1° W	54.9°	03m36s
100	03505	-0535 Mar 28	23:05:20	0.9823	58.4° N	122.9° W	27.0°	01m23s
101	03506	-0535 Sep 22	15:08:15	0.9659	49.3° S	2.6° E	34.4°	03m01s
102	03507	-0534 Mar 18	10:26:34	1.0433	2.1° N	97.8° E	84.1°	04m08s

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Total Solar Eclipses Around the World - Page 4
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
103	03508	-0534 Sep 11	18:20:12	0.9346	0.6° N	24.0° W	83.2°	08m34s
104	03509	-0533 Mar 08	02:26:22	1.0635	43.5° S	125.3° W	51.9°	04m44s
105	03510	-0533 Aug 31	18:00:44	0.9354	46.5° N	3.4° W	53.0°	06m34s
106	03515	-0531 Jan 15	15:25:39	0.9455	22.3° N	23.1° E	45.5°	06m47s
107	03516	-0531 Jul 11	00:38:17	1.0648	16.4° S	116.0° W	50.3°	06m05s
108	03517	-0530 Jan 04	16:08:23	0.9202	22.9° S	13.4° E	89.5°	10m50s
109	03518	-0530 Jun 30	17:46:57	1.0748	29.6° N	15.0° W	84.1°	06m25s
110	03519	-0530 Dec 24	15:50:22	0.9323	65.4° S	5.3° E	47.7°	05m49s
111	03520	-0529 Jun 20	08:59:47	1.0253	80.1° N	59.7° E	28.5°	01m30s
112	03524	-0528 Nov 02	23:05:46	1.0406	33.0° N	72.9° W	38.4°	03m13s
113	03525	-0527 Apr 29	05:36:29	0.9492	4.1° S	175.7° E	71.9°	06m01s
114	03526	-0527 Oct 23	14:35:17	1.0313	3.7° S	34.4° E	83.4°	02m46s
115	03527	-0526 Apr 18	08:39:23	0.9818	32.2° N	108.1° E	62.5°	01m41s
116	03528	-0526 Oct 13	02:12:29	0.9777	37.3° S	164.0° W	52.6°	01m56s
117	03532	-0524 Feb 27	02:19:09	1.0578	48.9° S	108.9° W	45.1°	03m52s
118	03533	-0524 Aug 21	13:32:20	0.9412	64.2° N	109.3° E	26.2°	04m20s
119	03534	-0523 Feb 15	17:32:29	1.0252	14.6° S	5.8° W	90.0°	02m19s
120	03536	-0522 Feb 05	03:06:44	0.9609	28.2° N	167.8° W	40.6°	04m08s
121	03537	-0522 Jul 31	08:20:05	1.0527	16.5° S	116.6° E	51.4°	04m49s
122	03542	-0521 Dec 15	11:19:54	0.9409	79.7° S	84.1° E	33.5°	04m20s
123	03543	-0520 Jun 10	07:54:41	1.0170	51.0° N	130.6° E	61.5°	01m26s
124	03545	-0519 May 30	15:00:44	0.9671	2.8° N	27.1° E	71.9°	04m19s
125	03546	-0519 Nov 23	08:51:54	1.0393	15.2° N	122.0° E	55.0°	03m44s
126	03550	-0517 Apr 09	06:13:34	0.9858	68.4° N	108.2° E	17.9°	00m59s
127	03551	-0517 Oct 03	23:05:52	0.9597	55.4° S	123.3° W	31.9°	03m23s
128	03552	-0516 Mar 28	18:05:08	1.0489	9.5° N	20.1° W	80.8°	04m34s
129	03553	-0516 Sep 22	01:47:59	0.9305	5.5° S	138.5° W	81.3°	09m04s
130	03554	-0515 Mar 18	10:22:33	1.0673	36.1° S	111.8° E	55.4°	05m15s
131	03555	-0515 Sep 11	01:20:22	0.9343	39.4° N	116.1° W	56.0°	07m03s
132	03560	-0513 Jan 26	23:19:08	0.9452	25.9° N	99.1° W	43.6°	06m38s
133	03561	-0513 Jul 22	08:14:07	1.0630	22.4° S	126.2° E	45.5°	05m44s
134	03562	-0512 Jan 15	23:54:16	0.9222	20.7° S	103.2° W	88.5°	10m41s
135	03563	-0512 Jul 11	01:18:21	1.0714	25.2° N	127.7° W	88.0°	06m21s
136	03564	-0511 Jan 03	23:52:51	0.9362	64.9° S	107.1° W	48.6°	05m31s

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137	03565	-0511 Jun 30	16:09:58	1.0223	77.0° N	9.2° W	36.1°	01m26s
138	03569	-0510 Nov 14	07:57:17	1.0397	31.0° N	150.2° E	38.2°	03m16s
139	03570	-0509 May 10	12:00:03	0.9510	5.8° S	79.4° E	66.6°	05m57s
140	03571	-0509 Nov 03	23:17:35	1.0274	7.3° S	97.6° W	83.1°	02m29s
141	03572	-0508 Apr 28	15:29:32	0.9874	32.1° N	6.9° E	67.4°	01m11s
142	03573	-0508 Oct 23	10:29:43	0.9727	41.2° S	70.1° E	53.3°	02m20s
143	03577	-0506 Mar 09	10:22:57	1.0594	47.3° S	130.9° E	41.6°	03m59s
144	03578	-0506 Sep 01	20:49:02	0.9387	62.7° N	7.5° E	19.6°	04m25s
145	03579	-0505 Feb 27	01:32:20	1.0254	12.7° S	126.3° W	87.9°	02m18s
146	03581	-0504 Feb 16	10:50:13	0.9616	28.0° N	73.6° E	43.3°	03m59s
147	03582	-0504 Aug 10	16:07:21	1.0528	14.8° S	2.1° W	55.3°	04m43s
148	03587	-0503 Dec 25	19:33:10	0.9446	79.6° S	16.0° W	33.1°	03m59s
149	03590	-0501 Jun 10	21:30:01	0.9647	9.6° N	72.5° W	77.1°	04m40s
150	03591	-0501 Dec 04	17:44:58	1.0404	13.1° N	14.0° W	55.0°	03m53s
151	03592	-0500 May 29	22:32:09	0.9670	68.4° S	71.7° W	0.0°	00m00s
152	03596	-0499 Oct 14	07:09:56	0.9540	61.2° S	109.1° E	29.9°	03m40s
153	03597	-0498 Apr 09	01:38:45	1.0540	17.1° N	136.8° W	77.3°	04m54s
154	03598	-0498 Oct 03	09:23:57	0.9266	11.4° S	105.1° E	79.7°	09m29s
155	03599	-0497 Mar 29	18:11:18	1.0709	28.4° S	9.6° W	59.1°	05m47s
156	03600	-0497 Sep 22	08:50:00	0.9332	32.9° N	128.4° E	58.4°	07m32s
157	03605	-0495 Feb 06	07:03:27	0.9451	30.7° N	140.3° E	41.1°	06m22s
158	03606	-0495 Aug 01	15:57:30	1.0607	29.0° S	5.6° E	40.7°	05m17s
159	03607	-0494 Jan 26	07:33:51	0.9245	17.4° S	141.3° E	87.2°	10m24s
160	03608	-0494 Jul 22	08:53:54	1.0674	20.2° N	117.6° E	88.3°	06m11s
161	03609	-0493 Jan 15	07:51:11	0.9407	62.5° S	140.1° E	49.7°	05m12s
162	03610	-0493 Jul 11	23:22:27	1.0183	71.0° N	100.9° W	42.2°	01m16s
163	03614	-0492 Nov 24	16:50:18	1.0395	29.4° N	12.7° E	38.1°	03m21s
164	03615	-0491 May 20	18:22:59	0.9522	8.6° S	17.2° W	61.0°	05m58s
165	03616	-0491 Nov 14	08:01:38	1.0241	10.5° S	130.1° E	82.9°	02m15s
166	03617	-0490 May 09	22:18:35	0.9925	31.6° N	94.0° W	72.4°	00m43s
167	03618	-0490 Nov 03	18:51:11	0.9682	45.4° S	56.3° W	53.6°	02m42s
168	03622	-0488 Mar 19	18:16:39	1.0603	46.6° S	13.2° E	36.9°	04m03s
169	03623	-0488 Sep 12	04:17:06	0.9359	61.6° N	97.0° W	11.8°	04m30s
170	03624	-0487 Mar 09	09:21:28	1.0253	10.9° S	115.8° E	85.3°	02m17s

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#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
171	03626	-0486 Feb 26	18:24:09	0.9624	28.0° N	42.2° W	46.4°	03m48s
172	03627	-0486 Aug 22	00:01:27	1.0522	14.2° S	122.5° W	58.7°	04m33s
173	03632	-0484 Jan 06	03:43:31	0.9488	77.3° S	121.4° W	32.5°	03m38s
174	03635	-0483 Jun 21	04:00:44	0.9618	15.6° N	171.8° W	82.0°	04m58s
175	03636	-0483 Dec 15	02:36:40	1.0419	11.6° N	149.8° W	55.2°	04m03s
176	03637	-0482 Jun 10	04:51:57	0.9417	43.3° S	177.8° E	24.1°	06m26s
177	03641	-0481 Oct 25	15:19:12	0.9489	66.7° S	19.9° W	28.4°	03m54s
178	03642	-0480 Apr 19	09:07:31	1.0585	25.0° N	107.5° E	73.4°	05m07s
179	03643	-0480 Oct 13	17:07:20	0.9234	17.0° S	13.0° W	78.5°	09m49s
180	03644	-0479 Apr 09	01:53:28	1.0737	20.6° S	129.6° W	63.0°	06m16s
181	03645	-0479 Oct 02	16:30:01	0.9324	26.8° N	10.2° E	60.2°	07m57s
182	03649	-0477 Feb 17	14:37:28	0.9451	36.7° N	21.4° E	37.8°	06m00s
183	03650	-0477 Aug 12	23:48:23	1.0578	35.8° S	117.8° W	36.0°	04m46s
184	03651	-0476 Feb 06	15:03:05	0.9274	12.9° S	27.5° E	85.4°	10m00s
185	03652	-0476 Aug 01	16:35:33	1.0628	14.7° N	0.6° E	84.9°	05m53s
186	03653	-0475 Jan 25	15:43:04	0.9458	58.5° S	26.1° E	51.3°	04m52s
187	03654	-0475 Jul 22	06:39:02	1.0136	64.3° N	156.2° E	47.3°	01m00s
188	03659	-0474 Dec 06	01:44:51	1.0397	28.4° N	125.2° W	38.0°	03m27s
189	03660	-0473 Jun 01	00:43:55	0.9530	12.6° S	113.8° W	55.0°	05m59s
190	03661	-0473 Nov 25	16:48:43	1.0213	13.2° S	2.7° W	82.8°	02m03s
191	03662	-0472 May 20	05:06:50	0.9970	30.5° N	165.4° E	77.2°	00m17s
192	03663	-0472 Nov 14	03:15:19	0.9644	49.5° S	177.4° E	53.7°	03m01s
193	03664	-0471 May 09	16:41:49	1.0386	67.3° N	92.6° W	14.6°	02m06s
194	03666	-0470 Mar 31	02:04:46	1.0604	47.1° S	102.9° W	31.2°	04m03s
195	03667	-0470 Sep 23	11:54:07	0.9514	60.6° N	163.4° E	0.0°	00m00s
196	03668	-0469 Mar 20	17:02:24	1.0250	9.2° S	0.2° W	82.3°	02m15s
197	03670	-0468 Mar 09	01:46:01	0.9633	28.1° N	154.3° W	50.0°	03m39s
198	03671	-0468 Sep 01	08:05:35	1.0514	14.9° S	114.7° E	61.4°	04m21s
199	03675	-0466 Jan 16	11:47:55	0.9534	74.1° S	127.4° E	31.1°	03m16s
200	03676	-0466 Jul 13	04:59:52	0.9989	66.2° N	165.8° W	45.0°	00m05s
201	03678	-0465 Jul 02	10:31:43	0.9584	20.6° N	89.7° E	86.8°	05m16s
202	03679	-0465 Dec 26	11:26:22	1.0440	10.7° N	75.1° E	55.5°	04m14s
203	03680	-0464 Jun 20	11:13:11	0.9439	32.0° S	76.9° E	34.4°	06m51s
204	03685	-0463 Nov 04	23:33:41	0.9446	71.8° S	149.3° W	27.4°	04m06s

TABLE

Total Solar Eclipses Around the World - Page 7
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
205	03686	-0462 Apr 30	16:32:38	1.0624	32.9° N	6.8° W	69.1°	05m13s
206	03687	-0462 Oct 25	00:57:28	0.9206	22.1° S	132.3° W	77.7°	10m05s
207	03688	-0461 Apr 20	09:30:02	1.0760	12.8° S	112.0° E	67.2°	06m42s
208	03689	-0461 Oct 14	00:19:05	0.9318	21.3° N	110.1° W	61.5°	08m20s
209	03693	-0459 Feb 27	22:02:12	0.9449	43.8° N	96.4° W	33.5°	05m35s
210	03694	-0459 Aug 23	07:46:54	1.0546	42.8° S	115.9° E	31.4°	04m14s
211	03695	-0458 Feb 16	22:25:01	0.9304	7.5° S	85.0° W	83.2°	09m29s
212	03696	-0458 Aug 13	00:23:29	1.0577	9.0° N	118.5° W	81.8°	05m29s
213	03697	-0457 Feb 05	23:28:11	0.9515	53.3° S	88.8° W	53.3°	04m29s
214	03703	-0456 Dec 16	10:36:32	1.0403	28.2° N	97.7° E	37.8°	03m34s
215	03704	-0455 Jun 11	07:08:11	0.9531	17.7° S	148.1° E	48.7°	05m58s
216	03705	-0455 Dec 06	01:34:59	1.0191	15.2° S	135.1° W	82.8°	01m53s
217	03707	-0454 Nov 25	11:40:41	0.9611	53.4° S	52.1° E	53.8°	03m18s
218	03708	-0453 May 20	23:57:02	1.0460	69.4° N	175.5° W	27.1°	02m40s
219	03710	-0452 Apr 10	09:43:44	1.0592	49.7° S	145.0° E	23.3°	03m55s
220	03712	-0451 Mar 31	00:33:55	1.0243	7.9° S	113.8° W	78.9°	02m12s
221	03714	-0450 Mar 20	08:59:06	0.9641	28.6° N	96.5° E	53.9°	03m31s
222	03715	-0450 Sep 12	16:17:47	1.0501	16.6° S	10.0° W	63.6°	04m09s
223	03719	-0448 Jan 27	19:47:31	0.9583	70.6° S	12.6° E	29.2°	02m53s
224	03720	-0448 Jul 23	12:07:49	0.9918	68.0° N	100.3° E	39.0°	00m35s
225	03721	-0447 Jan 16	05:23:22	1.0191	29.0° S	172.2° E	82.8°	01m46s
226	03722	-0447 Jul 12	17:07:51	0.9546	24.4° N	9.2° W	88.6°	05m31s
227	03723	-0446 Jan 05	20:12:29	1.0465	10.2° N	59.1° W	56.0°	04m24s
228	03724	-0446 Jul 01	17:38:34	0.9451	23.7° S	23.4° W	42.3°	07m03s
229	03729	-0445 Nov 16	07:50:05	0.9409	76.8° S	82.0° E	26.7°	04m15s
230	03730	-0444 May 10	23:55:15	1.0654	40.9° N	120.0° W	64.6°	05m11s
231	03731	-0444 Nov 04	08:52:49	0.9185	26.7° S	107.7° E	77.1°	10m16s
232	03732	-0443 Apr 30	17:02:20	1.0774	5.1° S	5.0° W	71.4°	07m01s
233	03733	-0443 Oct 24	08:15:20	0.9318	16.4° N	128.0° E	62.4°	08m38s
234	03736	-0441 Mar 11	05:14:24	0.9444	52.5° N	146.4° E	27.5°	05m08s
235	03737	-0441 Sep 03	15:54:13	1.0509	49.9° S	13.8° W	27.0°	03m41s
236	03738	-0440 Feb 28	05:36:11	0.9337	1.2° S	164.6° E	80.5°	08m54s
237	03739	-0440 Aug 23	08:18:57	1.0523	3.1° N	120.2° E	79.1°	04m59s
238	03740	-0439 Feb 16	07:05:14	0.9575	47.1° S	156.3° E	55.8°	04m04s

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Total Solar Eclipses Around the World - Page 8
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
239	03746	-0438 Dec 27	19:27:14	1.0413	28.7° N	39.2° W	37.4°	03m40s
240	03747	-0437 Jun 22	13:34:11	0.9527	24.2° S	48.9° E	41.8°	05m53s
241	03750	-0436 Dec 05	20:05:47	0.9584	56.6° S	71.5° W	53.7°	03m32s
242	03751	-0435 May 31	07:14:08	1.0514	69.3° N	94.5° E	35.6°	03m07s
243	03753	-0434 Apr 21	17:18:50	1.0556	56.5° S	40.8° E	10.0°	03m29s
244	03756	-0433 Apr 11	07:56:43	1.0230	7.2° S	134.9° E	75.1°	02m07s
245	03758	-0432 Mar 30	16:01:21	0.9646	29.0° N	9.4° W	58.2°	03m27s
246	03759	-0432 Sep 23	00:39:06	1.0489	19.2° S	137.0° W	65.4°	03m57s
247	03763	-0430 Feb 07	03:39:58	0.9633	67.4° S	102.0° W	26.3°	02m30s
248	03764	-0430 Aug 03	19:20:15	0.9843	68.0° N	5.9° E	32.7°	01m04s
249	03765	-0429 Jan 27	13:46:44	1.0245	27.6° S	46.8° E	81.8°	02m12s
250	03766	-0429 Jul 23	23:47:53	0.9505	27.1° N	108.5° W	84.3°	05m48s
251	03767	-0428 Jan 17	04:52:35	1.0494	10.2° N	168.4° E	56.8°	04m35s
252	03768	-0428 Jul 12	00:09:36	0.9456	17.3° S	124.1° W	48.8°	07m07s
253	03773	-0427 Nov 26	16:07:50	0.9379	81.6° S	43.6° W	26.1°	04m22s
254	03774	-0426 May 22	07:16:55	1.0676	48.7° N	128.2° E	59.9°	05m04s
255	03775	-0426 Nov 15	16:52:47	0.9170	30.6° S	12.7° W	76.7°	10m23s
256	03776	-0425 May 12	00:29:44	1.0782	2.4° N	120.3° W	75.7°	07m12s
257	03777	-0425 Nov 04	16:19:10	0.9322	12.2° N	4.4° E	63.0°	08m51s
258	03780	-0423 Mar 21	12:18:06	0.9430	62.8° N	24.3° E	18.8°	04m39s
259	03781	-0423 Sep 14	00:09:47	1.0473	56.7° S	147.3° W	22.8°	03m12s
260	03782	-0422 Mar 10	12:40:07	0.9371	5.7° N	55.5° E	77.5°	08m14s
261	03783	-0422 Sep 03	16:20:38	1.0468	3.0° S	3.0° W	76.7°	04m26s
262	03784	-0421 Feb 27	14:35:29	0.9637	40.3° S	41.6° E	58.7°	03m36s
263	03785	-0421 Aug 24	05:01:15	0.9966	43.6° N	179.2° W	58.8°	00m18s
264	03789	-0419 Jan 07	04:12:19	1.0426	30.2° N	174.7° W	36.6°	03m46s
265	03790	-0419 Jul 02	20:06:15	0.9517	31.9° S	52.8° W	34.3°	05m43s
266	03793	-0418 Dec 17	04:28:25	0.9564	58.8° S	167.3° E	53.8°	03m43s
267	03794	-0417 Jun 11	14:30:53	1.0555	67.4° N	1.2° E	42.7°	03m32s
268	03799	-0415 Apr 21	15:12:09	1.0212	7.1° S	25.5° E	70.9°	02m00s
269	03801	-0414 Apr 10	22:55:21	0.9650	29.5° N	112.7° W	62.7°	03m25s
270	03802	-0414 Oct 04	09:07:54	1.0475	22.4° S	94.3° E	66.7°	03m47s
271	03805	-0412 Feb 18	11:25:21	0.9683	64.7° S	145.4° E	22.0°	02m07s
272	03806	-0412 Aug 14	02:39:14	0.9765	66.7° N	91.5° W	25.8°	01m34s

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Total Solar Eclipses Around the World - Page 9
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
273	03807	-0411 Feb 06	22:04:04	1.0300	25.8° S	77.3° W	80.4°	02m38s
274	03808	-0411 Aug 03	06:34:26	0.9464	28.5° N	150.9° E	80.3°	06m05s
275	03809	-0410 Jan 27	13:26:55	1.0525	10.7° N	37.4° E	58.0°	04m44s
276	03810	-0410 Jul 23	06:47:50	0.9456	12.7° S	134.2° E	54.4°	07m03s
277	03815	-0409 Dec 08	00:24:23	0.9356	86.2° S	156.3° W	25.6°	04m27s
278	03816	-0408 Jun 01	14:38:54	1.0689	56.3° N	18.0° E	54.9°	04m51s
279	03817	-0408 Nov 26	00:53:19	0.9163	33.8° S	132.5° W	76.4°	10m22s
280	03818	-0407 May 22	07:55:23	1.0779	9.4° N	125.5° E	80.1°	07m13s
281	03819	-0407 Nov 15	00:27:37	0.9333	8.7° N	120.2° W	63.4°	08m55s
282	03820	-0406 May 11	23:23:29	1.0249	54.1° S	88.5° W	17.5°	01m56s
283	03822	-0405 Apr 01	19:10:51	0.9459	71.9° N	138.8° W	0.0°	00m00s
284	03823	-0405 Sep 25	08:34:09	1.0435	62.9° S	74.7° E	19.0°	02m45s
285	03824	-0404 Mar 20	19:33:16	0.9405	13.4° N	51.3° W	73.8°	07m32s
286	03825	-0404 Sep 14	00:30:59	1.0412	8.9° S	128.3° W	74.7°	03m52s
287	03826	-0403 Mar 09	21:58:29	0.9702	33.0° S	72.2° W	61.9°	03m04s
288	03827	-0403 Sep 03	12:41:28	0.9905	37.0° N	63.7° E	61.5°	00m54s
289	03831	-0401 Jan 18	12:52:53	1.0441	32.8° N	50.6° E	35.4°	03m49s
290	03832	-0401 Jul 14	02:42:55	0.9499	41.7° S	157.1° W	25.4°	05m26s
291	03835	-0400 Dec 27	12:46:23	0.9549	59.4° S	48.5° E	54.1°	03m54s
292	03836	-0399 Jun 21	21:52:27	1.0585	64.1° N	97.5° W	48.7°	03m53s
293	03841	-0397 May 02	22:21:16	1.0187	7.9° S	82.5° W	66.2°	01m49s
294	03843	-0396 Apr 21	05:40:33	0.9649	29.7° N	146.8° E	67.5°	03m29s
295	03844	-0396 Oct 14	17:44:49	1.0463	26.1° S	36.3° W	67.6°	03m39s
296	03847	-0394 Feb 28	19:03:05	0.9727	63.0° S	37.8° E	15.3°	01m46s
297	03848	-0394 Aug 25	10:04:55	0.9682	64.9° N	169.0° E	17.8°	02m04s
298	03849	-0393 Feb 18	06:12:56	1.0358	23.8° S	160.4° E	78.7°	03m03s
299	03850	-0393 Aug 14	13:27:45	0.9419	28.8° N	48.6° E	76.6°	06m25s
300	03851	-0392 Feb 07	21:53:26	1.0560	11.4° N	91.3° W	59.6°	04m53s
301	03852	-0392 Aug 02	13:34:16	0.9452	9.7° S	31.0° E	59.2°	06m56s
302	03857	-0391 Dec 18	08:39:37	0.9339	87.5° S	170.1° E	24.9°	04m31s
303	03858	-0390 Jun 12	22:01:00	1.0693	63.4° N	89.3° W	49.5°	04m35s
304	03859	-0390 Dec 07	08:55:37	0.9162	36.2° S	107.9° E	76.1°	10m16s
305	03860	-0389 Jun 02	15:19:08	1.0769	15.9° N	12.4° E	84.5°	07m04s
306	03861	-0389 Nov 26	08:39:30	0.9349	5.9° N	114.6° E	63.7°	08m51s

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Total Solar Eclipses Around the World - Page 10
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
307	03862	-0388 May 22	06:32:18	1.0251	41.8° S	153.6° E	28.2°	02m12s
308	03865	-0387 Oct 05	17:04:43	1.0400	68.5° S	68.6° W	15.3°	02m22s
309	03866	-0386 Apr 01	02:20:48	0.9437	21.4° N	156.8° W	69.8°	06m49s
310	03867	-0386 Sep 25	08:48:00	1.0357	14.7° S	104.7° E	73.1°	03m19s
311	03868	-0385 Mar 21	05:13:33	0.9766	25.3° S	175.5° E	65.6°	02m29s
312	03869	-0385 Sep 14	20:29:28	0.9845	30.6° N	55.8° W	63.6°	01m32s
313	03873	-0383 Jan 28	21:25:04	1.0456	36.6° N	82.4° W	33.4°	03m49s
314	03874	-0383 Jul 24	09:29:05	0.9468	55.1° S	93.1° E	13.2°	05m02s
315	03877	-0381 Jan 07	20:59:04	0.9542	58.5° S	69.0° W	54.6°	04m03s
316	03878	-0381 Jul 03	05:16:57	1.0606	59.5° N	159.1° E	54.0°	04m13s
317	03885	-0378 May 02	12:19:43	0.9645	29.5° N	48.2° E	72.3°	03m37s
318	03886	-0378 Oct 26	02:27:56	1.0453	30.0° S	168.1° W	68.2°	03m32s
319	03890	-0376 Sep 04	17:37:31	0.9584	62.2° N	77.3° E	4.0°	02m34s
320	03891	-0375 Feb 28	14:15:18	1.0415	21.7° S	39.6° E	76.5°	03m28s
321	03892	-0375 Aug 24	20:29:30	0.9376	28.0° N	56.1° W	73.3°	06m47s
322	03893	-0374 Feb 18	06:12:52	1.0594	12.4° N	142.0° E	61.5°	05m02s
323	03894	-0374 Aug 13	20:28:56	0.9446	8.0° S	73.9° W	63.4°	06m47s
324	03899	-0373 Dec 29	16:48:43	0.9327	83.4° S	81.2° E	23.6°	04m33s
325	03900	-0372 Jun 23	05:26:41	1.0686	69.5° N	167.3° E	43.9°	04m17s
326	03901	-0372 Dec 17	16:55:17	0.9169	37.7° S	10.5° W	75.8°	10m02s
327	03902	-0371 Jun 12	22:43:10	1.0749	21.7° N	99.8° W	88.8°	06m46s
328	03903	-0371 Dec 06	16:52:06	0.9372	3.7° N	10.6° W	63.9°	08m35s
329	03904	-0370 Jun 02	13:37:55	1.0237	32.1° S	40.6° E	36.2°	02m17s
330	03907	-0369 Oct 17	01:43:35	1.0368	72.5° S	142.1° E	12.4°	02m04s
331	03908	-0368 Apr 11	08:59:55	0.9467	30.0° N	99.6° E	65.2°	06m06s
332	03909	-0368 Oct 05	17:12:24	1.0304	20.3° S	23.7° W	71.9°	02m48s
333	03910	-0367 Mar 31	12:23:03	0.9830	17.4° S	64.4° E	69.5°	01m52s
334	03911	-0367 Sep 25	04:24:51	0.9786	24.6° N	177.3° W	65.3°	02m14s
335	03914	-0365 Feb 09	05:51:31	1.0471	41.5° N	145.4° E	30.8°	03m45s
336	03918	-0363 Jan 18	05:04:49	0.9538	55.9° S	174.0° E	55.5°	04m11s
337	03919	-0363 Jul 13	12:47:19	1.0618	54.2° N	51.0° E	58.7°	04m30s
338	03926	-0360 May 12	18:53:04	0.9636	28.6° N	48.7° W	77.3°	03m52s
339	03927	-0360 Nov 05	11:15:17	1.0446	33.9° S	59.5° E	68.6°	03m28s
340	03928	-0359 May 01	19:49:10	0.9357	64.7° N	156.3° W	8.2°	04m13s

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Total Solar Eclipses Around the World - Page 11
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
341	03932	-0357 Mar 11	22:09:30	1.0471	19.7° S	79.3° W	73.9°	03m53s
342	03933	-0357 Sep 05	03:40:10	0.9333	26.4° N	163.5° W	70.4°	07m13s
343	03934	-0356 Feb 29	14:23:05	1.0628	13.6° N	17.9° E	63.9°	05m11s
344	03935	-0356 Aug 24	03:34:30	0.9437	7.7° S	178.6° E	67.0°	06m39s
345	03938	-0354 Jan 09	00:53:20	0.9319	78.9° S	35.4° W	21.8°	04m34s
346	03939	-0354 Jul 04	12:55:08	1.0671	74.1° N	71.5° E	37.9°	03m58s
347	03940	-0354 Dec 29	00:52:27	0.9182	38.3° S	127.9° W	75.3°	09m42s
348	03941	-0353 Jun 24	06:07:24	1.0721	26.7° N	148.8° E	86.9°	06m22s
349	03942	-0353 Dec 18	01:04:52	0.9402	2.3° N	135.7° W	64.2°	08m07s
350	03943	-0352 Jun 12	20:43:07	1.0213	24.1° S	70.5° W	42.9°	02m11s
351	03946	-0351 Oct 27	10:27:30	1.0341	74.9° S	13.0° W	9.9°	01m49s
352	03947	-0350 Apr 22	15:34:12	0.9494	38.8° N	2.8° W	60.2°	05m25s
353	03948	-0350 Oct 17	01:42:35	1.0254	25.6° S	153.1° W	71.0°	02m19s
354	03949	-0349 Apr 11	19:26:44	0.9891	9.3° S	45.3° W	73.6°	01m13s
355	03950	-0349 Oct 06	12:27:26	0.9730	19.1° N	59.5° E	66.6°	02m56s
356	03953	-0347 Feb 19	14:08:39	1.0481	47.7° N	14.1° E	27.1°	03m36s
357	03957	-0345 Jan 29	13:01:02	0.9540	51.9° S	57.5° E	56.8°	04m18s
358	03958	-0345 Jul 24	20:22:43	1.0621	48.2° N	60.8° W	63.0°	04m44s
359	03965	-0342 May 24	01:21:41	0.9622	26.9° N	144.4° W	82.3°	04m13s
360	03966	-0342 Nov 16	20:07:00	1.0443	37.5° S	73.3° W	68.8°	03m26s
361	03967	-0341 May 13	02:12:00	0.9417	67.4° N	141.8° E	25.3°	04m15s
362	03971	-0339 Mar 22	05:58:20	1.0523	17.9° S	163.0° E	70.9°	04m17s
363	03972	-0339 Sep 15	10:58:24	0.9293	24.2° N	86.7° E	67.8°	07m41s
364	03973	-0338 Mar 11	22:26:24	1.0660	15.0° N	104.2° W	66.6°	05m19s
365	03974	-0338 Sep 04	10:49:39	0.9427	8.5° S	68.8° E	70.0°	06m33s
366	03977	-0336 Jan 20	08:48:59	0.9312	74.4° S	151.1° W	18.6°	04m33s
367	03978	-0336 Jul 14	20:29:37	1.0646	75.8° N	17.3° W	31.4°	03m38s
368	03979	-0335 Jan 08	08:42:56	0.9201	38.1° S	116.4° E	74.5°	09m16s
369	03980	-0335 Jul 04	13:35:01	1.0685	30.6° N	37.4° E	82.9°	05m53s
370	03981	-0335 Dec 28	09:15:22	0.9438	1.5° N	99.9° E	64.7°	07m28s
371	03982	-0334 Jun 24	03:46:52	1.0179	17.3° S	179.8° E	48.9°	01m55s
372	03986	-0333 Nov 07	19:16:57	1.0321	75.8° S	169.1° W	8.5°	01m39s
373	03987	-0332 May 02	22:03:21	0.9516	48.0° N	103.7° W	54.7°	04m47s
374	03988	-0332 Oct 27	10:19:14	1.0209	30.4° S	76.5° E	70.5°	01m53s

TABLE

Total Solar Eclipses Around the World - Page 12
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
375	03989	-0331 Apr 22	02:26:56	0.9949	1.3° S	153.9° W	77.9°	00m35s
376	03990	-0331 Oct 16	20:35:36	0.9677	14.0° N	65.0° W	67.5°	03m40s
377	03991	-0330 Apr 11	13:58:37	1.0360	60.1° S	65.0° E	18.2°	02m28s
378	03993	-0329 Mar 02	22:17:43	1.0486	55.3° N	117.9° W	21.8°	03m22s
379	03997	-0327 Feb 08	20:48:05	0.9544	46.8° S	58.6° W	58.6°	04m27s
380	03998	-0327 Aug 04	04:06:08	1.0618	41.9° N	176.2° W	66.7°	04m54s
381	04005	-0324 Jun 03	07:48:31	0.9603	24.3° N	120.0° E	87.4°	04m41s
382	04006	-0324 Nov 27	05:00:21	1.0445	40.7° S	154.4° E	68.9°	03m28s
383	04007	-0323 May 23	08:32:52	0.9454	66.8° N	66.3° E	35.3°	04m15s
384	04012	-0321 Apr 02	13:38:29	1.0571	16.8° S	47.4° E	67.4°	04m41s
385	04013	-0321 Sep 26	18:26:32	0.9256	21.6° N	26.2° W	65.8°	08m14s
386	04014	-0320 Mar 22	06:21:05	1.0689	16.4° N	136.3° E	69.7°	05m28s
387	04015	-0320 Sep 14	18:15:18	0.9418	10.3° S	43.6° W	72.4°	06m29s
388	04018	-0318 Jan 30	16:37:39	0.9305	69.9° S	96.1° E	13.7°	04m31s
389	04019	-0318 Jul 26	04:08:04	1.0610	74.2° N	105.6° W	23.8°	03m17s
390	04020	-0317 Jan 19	16:28:44	0.9225	37.1° S	1.6° E	73.4°	08m47s
391	04021	-0317 Jul 15	21:05:41	1.0642	33.4° N	74.0° W	78.9°	05m21s
392	04022	-0316 Jan 08	17:21:51	0.9482	1.2° N	23.4° W	65.4°	06m41s
393	04027	-0315 Nov 18	04:08:18	1.0306	75.6° S	35.5° E	7.4°	01m32s
394	04028	-0314 May 14	04:30:35	0.9534	57.5° N	156.4° E	48.6°	04m13s
395	04031	-0313 Oct 28	04:49:09	0.9630	9.5° N	169.3° E	68.1°	04m22s
396	04032	-0312 Apr 21	21:24:48	1.0438	48.6° S	61.6° W	28.1°	03m20s
397	04034	-0311 Mar 13	06:17:39	1.0476	64.9° N	103.7° E	13.2°	02m58s
398	04038	-0309 Feb 20	04:24:40	0.9551	40.7° S	173.7° W	60.9°	04m34s
399	04039	-0309 Aug 15	11:56:49	1.0609	35.5° N	65.4° E	70.0°	05m00s
400	04044	-0307 Jun 25	09:10:15	0.9952	29.9° S	106.4° E	36.0°	00m30s
401	04046	-0306 Jun 14	14:14:06	0.9579	20.8° N	24.2° E	87.6°	05m14s
402	04047	-0306 Dec 08	13:54:19	1.0452	43.0° S	22.7° E	68.9°	03m31s
403	04048	-0305 Jun 03	14:53:00	0.9481	64.8° N	13.5° W	43.4°	04m17s
404	04053	-0303 Apr 12	21:15:09	1.0614	16.2° S	67.4° W	63.6°	05m04s
405	04054	-0303 Oct 07	02:02:17	0.9223	18.8° N	141.4° W	64.1°	08m49s
406	04055	-0302 Apr 02	14:08:34	1.0713	17.8° N	19.0° E	73.1°	05m37s
407	04056	-0302 Sep 26	01:50:57	0.9411	12.9° S	158.6° W	74.3°	06m26s
408	04058	-0301 Sep 15	07:31:43	0.9823	55.7° S	69.1° E	14.1°	01m16s

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Total Solar Eclipses Around the World - Page 13
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
409	04059	-0300 Feb 11	00:14:24	0.9559	61.8° S	1.0° E	0.0°	00m00s
410	04060	-0300 Aug 05	11:55:06	1.0561	69.9° N	159.6° E	14.3°	02m52s
411	04061	-0299 Jan 30	00:06:10	0.9254	35.7° S	111.3° W	71.9°	08m15s
412	04062	-0299 Jul 26	04:40:36	1.0593	35.0° N	174.0° E	75.2°	04m50s
413	04063	-0298 Jan 19	01:23:21	0.9530	1.4° N	145.3° W	66.4°	05m48s
414	04068	-0297 Nov 29	13:02:25	1.0298	75.1° S	117.3° W	7.2°	01m28s
415	04069	-0296 May 24	10:56:12	0.9545	67.3° N	57.6° E	41.7°	03m45s
416	04072	-0295 Nov 07	13:06:53	0.9587	5.7° N	42.8° E	68.4°	05m03s
417	04073	-0294 May 03	04:47:27	1.0505	38.4° S	178.9° E	35.9°	04m11s
418	04080	-0291 Mar 02	11:51:44	0.9559	34.0° S	72.5° E	63.5°	04m42s
419	04081	-0291 Aug 25	19:55:06	1.0595	29.1° N	55.7° W	72.8°	05m02s
420	04083	-0290 Aug 15	12:34:54	1.0127	70.0° N	168.9° W	0.0°	00m00s
421	04085	-0289 Jul 06	16:06:35	0.9881	39.0° S	1.9° W	27.5°	01m11s
422	04086	-0289 Dec 30	07:48:35	1.0196	4.7° S	123.3° E	71.0°	02m04s
423	04087	-0288 Jun 24	20:41:21	0.9551	16.4° N	72.7° W	82.6°	05m53s
424	04088	-0288 Dec 18	22:45:47	1.0463	44.2° S	107.6° W	69.1°	03m38s
425	04089	-0287 Jun 13	21:15:08	0.9501	61.4° N	97.6° W	50.4°	04m22s
426	04094	-0285 Apr 24	04:45:23	1.0649	16.5° S	179.3° E	59.2°	05m25s
427	04095	-0285 Oct 18	09:46:36	0.9195	15.9° N	100.9° E	62.9°	09m27s
428	04096	-0284 Apr 12	21:48:54	1.0731	18.8° N	96.2° W	76.8°	05m47s
429	04097	-0284 Oct 06	09:37:04	0.9406	16.0° S	83.8° E	75.8°	06m25s
430	04098	-0283 Apr 02	13:11:49	1.0166	61.1° N	42.5° W	6.2°	00m59s
431	04099	-0283 Sep 25	15:33:09	0.9841	54.6° S	49.6° W	20.2°	01m08s
432	04102	-0281 Feb 10	07:35:25	0.9286	33.9° S	137.4° E	70.0°	07m43s
433	04103	-0281 Aug 06	12:20:45	1.0539	35.4° N	60.7° E	71.7°	04m18s
434	04104	-0280 Jan 30	09:18:46	0.9584	2.0° N	94.4° E	67.8°	04m55s
435	04108	-0279 Dec 09	21:55:28	1.0293	73.7° S	91.4° E	6.5°	01m25s
436	04109	-0278 Jun 04	17:21:55	0.9548	77.8° N	39.4° W	33.7°	03m22s
437	04112	-0277 Nov 18	21:26:20	0.9551	2.6° N	83.9° W	68.5°	05m40s
438	04113	-0276 May 13	12:07:52	1.0559	29.2° S	62.4° E	42.7°	04m57s
439	04120	-0273 Mar 13	19:06:33	0.9568	26.7° S	39.1° W	66.7°	04m50s
440	04121	-0273 Sep 06	04:02:20	1.0578	22.8° N	179.4° W	75.1°	05m00s
441	04123	-0272 Aug 25	20:31:42	1.0435	75.2° N	3.3° E	16.0°	02m25s
442	04125	-0271 Jul 16	23:05:36	0.9798	51.7° S	113.2° W	15.8°	01m49s

TABLE

Total Solar Eclipses Around the World - Page 14
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
443	04126	-0270 Jan 09	16:25:37	1.0239	3.4° S	7.3° W	70.6°	02m30s
444	04127	-0270 Jul 06	03:09:49	0.9519	11.2° N	170.6° W	77.7°	06m34s
445	04128	-0270 Dec 30	07:35:31	1.0479	44.2° S	122.7° E	69.4°	03m47s
446	04129	-0269 Jun 25	03:40:35	0.9515	56.8° N	173.8° E	56.5°	04m31s
447	04134	-0267 May 04	12:13:28	1.0677	17.8° S	66.3° E	54.5°	05m43s
448	04135	-0267 Oct 28	17:36:16	0.9174	13.1° N	18.4° W	61.9°	10m06s
449	04136	-0266 Apr 24	05:23:32	1.0742	19.5° N	150.4° E	80.7°	05m57s
450	04137	-0266 Oct 17	17:31:31	0.9405	19.5° S	35.7° W	76.9°	06m24s
451	04138	-0265 Apr 13	20:36:22	1.0201	59.7° N	132.9° W	21.0°	01m16s
452	04139	-0265 Oct 06	23:44:55	0.9855	55.6° S	173.7° W	23.8°	01m01s
453	04142	-0263 Feb 20	14:55:12	0.9321	32.1° S	28.2° E	67.6°	07m12s
454	04143	-0263 Aug 16	20:07:28	1.0480	34.8° N	54.5° W	68.5°	03m48s
455	04144	-0262 Feb 09	17:06:51	0.9643	3.0° N	23.9° W	69.5°	04m02s
456	04145	-0262 Aug 06	08:30:11	0.9979	3.2° S	101.5° E	67.0°	00m13s
457	04148	-0261 Dec 21	06:47:13	1.0291	71.0° S	56.5° W	5.0°	01m24s
458	04149	-0260 Jun 14	23:50:04	0.9541	89.1° N	75.8° W	23.8°	03m05s
459	04152	-0259 Nov 29	05:47:16	0.9521	0.2° N	149.2° E	68.6°	06m12s
460	04153	-0258 May 24	19:27:21	1.0605	20.9° S	52.5° W	48.8°	05m37s
461	04160	-0255 Mar 24	02:12:47	0.9576	19.1° S	149.0° W	70.3°	04m58s
462	04161	-0255 Sep 16	12:17:51	1.0559	16.7° N	54.5° E	77.1°	04m55s
463	04163	-0254 Sep 06	04:36:03	1.0404	68.8° N	146.4° W	22.4°	02m27s
464	04166	-0252 Jan 21	00:55:45	1.0287	0.9° S	136.3° W	69.8°	02m57s
465	04167	-0252 Jul 16	09:43:49	0.9483	5.4° N	89.4° E	73.0°	07m13s
466	04168	-0251 Jan 09	16:20:26	1.0499	42.9° S	5.9° W	69.9°	03m59s
467	04169	-0251 Jul 05	10:09:32	0.9524	51.3° N	81.3° E	62.1°	04m44s
468	04174	-0249 May 15	19:37:08	1.0695	20.4° S	45.8° W	49.2°	05m56s
469	04175	-0249 Nov 09	01:32:18	0.9158	10.6° N	139.4° W	61.3°	10m44s
470	04176	-0248 May 04	12:53:34	1.0746	19.6° N	38.4° E	84.7°	06m07s
471	04177	-0248 Oct 28	01:33:12	0.9408	23.1° S	156.8° W	77.7°	06m21s
472	04178	-0247 Apr 24	03:55:23	1.0211	59.4° N	126.5° E	29.6°	01m23s
473	04179	-0247 Oct 17	08:04:31	0.9867	57.8° S	59.4° E	26.2°	00m55s
474	04183	-0245 Mar 03	22:06:59	0.9358	30.3° S	79.3° W	64.7°	06m44s
475	04184	-0245 Aug 28	04:01:10	1.0420	33.2° N	172.1° W	65.6°	03m19s
476	04185	-0244 Feb 21	00:47:37	0.9704	4.2° N	140.2° W	71.7°	03m12s

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Total Solar Eclipses Around the World - Page 15
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
477	04186	-0244 Aug 16	15:53:47	0.9920	2.8° S	10.4° W	70.3°	00m51s
478	04189	-0243 Dec 31	15:35:17	1.0102	65.0° S	162.5° E	0.0°	00m00s
479	04190	-0242 Jun 26	06:22:06	0.9507	71.0° N	57.1° W	5.3°	02m50s
480	04193	-0241 Dec 10	14:06:33	0.9498	1.5° S	22.9° E	68.7°	06m35s
481	04194	-0240 Jun 04	02:47:32	1.0641	13.6° S	166.5° W	54.4°	06m08s
482	04201	-0237 Apr 04	09:08:11	0.9582	11.2° S	103.7° E	74.2°	05m05s
483	04202	-0237 Sep 27	20:42:09	1.0539	10.8° N	73.8° W	78.6°	04m49s
484	04204	-0236 Sep 16	12:48:23	1.0366	62.0° N	77.2° E	26.5°	02m24s
485	04207	-0234 Jan 31	09:21:39	1.0337	2.5° N	95.3° E	68.7°	03m24s
486	04208	-0234 Jul 27	16:21:57	0.9445	0.9° S	12.4° W	68.4°	07m46s
487	04209	-0233 Jan 21	00:59:37	1.0522	40.2° S	133.9° W	70.7°	04m13s
488	04210	-0233 Jul 16	16:45:14	0.9528	45.2° N	15.1° W	67.2°	04m58s
489	04215	-0231 May 26	03:01:25	1.0704	24.2° S	158.4° W	43.4°	06m01s
490	04216	-0231 Nov 19	09:31:10	0.9150	8.5° N	98.9° E	60.8°	11m19s
491	04217	-0230 May 15	20:18:47	1.0742	18.8° N	72.4° W	89.0°	06m16s
492	04218	-0230 Nov 08	09:41:29	0.9417	26.6° S	80.8° E	78.2°	06m17s
493	04219	-0229 May 05	11:06:48	1.0210	59.2° N	26.6° E	36.9°	01m25s
494	04220	-0229 Oct 28	16:31:34	0.9882	61.0° S	70.0° W	27.7°	00m47s
495	04224	-0227 Mar 14	05:09:43	0.9395	28.9° S	175.3° E	61.2°	06m18s
496	04225	-0227 Sep 07	12:01:32	1.0359	31.1° N	68.0° E	63.1°	02m52s
497	04226	-0226 Mar 03	08:21:06	0.9769	5.6° N	105.5° E	74.3°	02m24s
498	04227	-0226 Aug 27	23:23:22	0.9858	3.4° S	123.6° W	73.2°	01m28s
499	04228	-0225 Feb 20	18:38:42	1.0159	54.7° N	88.8° W	11.9°	01m06s
500	04233	-0223 Jun 25	20:07:48	1.0184	38.9° N	66.8° W	74.7°	01m42s
501	04234	-0223 Dec 20	22:24:11	0.9481	2.5° S	102.9° W	68.8°	06m50s
502	04235	-0222 Jun 15	10:08:27	1.0668	7.1° S	80.3° E	59.6°	06m28s
503	04242	-0219 Apr 14	15:55:53	0.9586	3.1° S	1.7° W	78.5°	05m11s
504	04243	-0219 Oct 08	05:13:14	1.0519	5.3° N	156.4° E	79.7°	04m43s
505	04244	-0218 Apr 03	16:34:07	0.9326	63.1° S	26.3° E	16.7°	05m40s
506	04245	-0218 Sep 27	21:08:11	1.0324	55.8° N	56.1° W	29.3°	02m16s
507	04248	-0216 Feb 11	17:39:22	1.0389	6.9° N	31.4° W	67.2°	03m48s
508	04249	-0216 Aug 06	23:07:26	0.9405	7.6° S	116.6° W	64.1°	08m12s
509	04250	-0215 Jan 31	09:31:56	1.0548	36.3° S	98.9° E	71.8°	04m30s
510	04251	-0215 Jul 26	23:28:05	0.9528	38.7° N	115.1° W	71.7°	05m14s

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Total Solar Eclipses Around the World - Page 16
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
511	04255	-0213 Jun 06	10:24:42	1.0702	29.5° S	88.6° E	36.8°	05m55s
512	04256	-0213 Nov 30	17:32:23	0.9148	7.0° N	23.3° W	60.5°	11m47s
513	04257	-0212 May 26	03:42:22	1.0729	17.3° N	177.2° E	86.7°	06m23s
514	04258	-0212 Nov 18	17:55:03	0.9431	29.7° S	42.4° W	78.4°	06m10s
515	04259	-0211 May 15	18:13:53	1.0201	58.9° N	72.3° W	43.4°	01m25s
516	04260	-0211 Nov 08	01:04:24	0.9898	64.8° S	159.3° E	28.7°	00m40s
517	04265	-0209 Mar 25	12:04:25	0.9431	28.1° S	71.8° E	57.1°	05m55s
518	04266	-0209 Sep 18	20:09:46	1.0298	28.5° N	54.5° W	60.9°	02m25s
519	04267	-0208 Mar 13	15:48:10	0.9832	7.0° N	6.9° W	77.2°	01m41s
520	04268	-0208 Sep 07	07:00:00	0.9797	4.9° S	121.3° E	75.7°	02m05s
521	04269	-0207 Mar 03	02:37:59	1.0242	50.5° N	154.2° E	20.2°	01m42s
522	04270	-0207 Aug 27	10:42:23	0.9449	61.3° S	5.3° E	0.0°	00m00s
523	04274	-0205 Jul 07	03:16:01	1.0200	42.7° N	171.5° W	70.4°	01m46s
524	04275	-0204 Jan 01	06:35:33	0.9471	3.0° S	133.0° E	69.2°	06m55s
525	04276	-0204 Jun 25	17:33:02	1.0686	1.7° S	33.1° W	64.5°	06m36s
526	04283	-0201 Apr 25	22:34:26	0.9586	5.1° N	104.6° W	83.0°	05m16s
527	04284	-0201 Oct 19	13:52:09	1.0501	0.4° N	24.7° E	80.5°	04m37s
528	04285	-0200 Apr 13	23:12:36	0.9382	50.9° S	91.4° W	27.8°	06m00s
529	04286	-0200 Oct 08	05:34:03	1.0281	50.4° N	171.0° E	31.3°	02m06s
530	04289	-0198 Feb 22	01:50:40	1.0441	12.2° N	156.9° W	65.3°	04m10s
531	04290	-0198 Aug 18	05:59:42	0.9364	14.4° S	137.0° E	60.0°	08m28s
532	04291	-0197 Feb 11	17:57:05	1.0574	31.5° S	27.6° W	73.3°	04m48s
533	04292	-0197 Aug 07	06:20:16	0.9525	32.0° N	141.4° E	75.8°	05m29s
534	04294	-0196 Jul 26	12:03:26	0.9909	79.3° N	163.0° W	11.8°	00m31s
535	04296	-0195 Jun 16	17:49:40	1.0687	36.7° S	25.4° W	29.1°	05m36s
536	04297	-0195 Dec 11	01:33:19	0.9153	6.3° N	145.5° W	60.1°	12m04s
537	04298	-0194 Jun 06	11:04:05	1.0707	14.9° N	66.9° E	82.3°	06m26s
538	04299	-0194 Nov 30	02:10:48	0.9453	32.2° S	165.6° W	78.6°	05m58s
539	04300	-0193 May 27	01:16:17	1.0182	57.8° N	170.2° W	49.4°	01m20s
540	04301	-0193 Nov 19	09:41:51	0.9919	68.9° S	27.9° E	29.3°	00m31s
541	04306	-0191 Apr 04	18:52:02	0.9464	28.2° S	30.0° W	52.4°	05m35s
542	04307	-0191 Sep 29	04:25:30	1.0238	25.7° N	179.6° W	59.2°	01m59s
543	04308	-0190 Mar 24	23:07:08	0.9897	8.3° N	117.0° W	80.5°	01m01s
544	04309	-0190 Sep 18	14:44:22	0.9736	7.3° S	4.3° E	77.7°	02m41s

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Total Solar Eclipses Around the World - Page 17
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
545	04310	-0189 Mar 14	10:29:38	1.0320	48.3° N	37.7° E	26.9°	02m15s
546	04311	-0189 Sep 07	17:55:21	0.9257	54.1° S	87.3° W	15.1°	06m21s
547	04315	-0187 Jul 17	10:29:18	1.0212	45.2° N	83.4° E	66.1°	01m47s
548	04316	-0186 Jan 11	14:42:38	0.9465	2.8° S	10.0° E	69.8°	06m51s
549	04317	-0186 Jul 07	01:01:07	1.0695	2.6° N	146.7° W	69.0°	06m35s
550	04324	-0183 May 06	05:08:22	0.9581	13.1° N	154.1° E	87.7°	05m20s
551	04325	-0183 Oct 29	22:36:26	1.0486	4.1° S	107.9° W	81.0°	04m32s
552	04326	-0182 Apr 25	05:43:43	0.9429	39.9° S	161.0° E	36.4°	06m13s
553	04327	-0182 Oct 19	14:07:02	1.0239	45.8° N	37.3° E	32.5°	01m53s
554	04331	-0180 Mar 04	09:53:23	1.0492	18.3° N	79.3° E	62.8°	04m27s
555	04332	-0180 Aug 28	13:02:00	0.9323	21.3° S	27.7° E	56.3°	08m37s
556	04333	-0179 Feb 22	02:14:20	1.0602	25.8° S	153.1° W	75.1°	05m08s
557	04334	-0179 Aug 17	13:20:51	0.9519	25.2° N	34.9° E	79.4°	05m43s
558	04335	-0178 Feb 11	17:16:19	1.0078	76.5° S	87.2° E	10.2°	00m26s
559	04336	-0178 Aug 06	19:23:28	0.9949	79.2° N	1.3° W	23.7°	00m19s
560	04338	-0177 Jun 28	01:16:50	1.0656	46.9° S	141.0° W	19.1°	04m59s
561	04339	-0177 Dec 22	09:33:34	0.9165	6.4° N	92.6° E	59.8°	12m08s
562	04340	-0176 Jun 16	18:26:21	1.0678	11.5° N	44.0° W	77.9°	06m23s
563	04341	-0176 Dec 10	10:28:09	0.9479	33.9° S	71.3° E	78.8°	05m43s
564	04342	-0175 Jun 06	08:17:11	1.0156	55.8° N	91.8° E	54.9°	01m13s
565	04343	-0175 Nov 29	18:22:07	0.9944	73.3° S	102.5° W	29.7°	00m21s
566	04348	-0173 Apr 16	01:33:51	0.9494	29.3° S	130.5° W	47.0°	05m18s
567	04349	-0173 Oct 10	12:47:45	1.0183	22.7° N	53.2° E	57.8°	01m35s
568	04350	-0172 Apr 04	06:21:06	0.9959	9.5° N	134.4° E	84.1°	00m24s
569	04351	-0172 Sep 28	22:36:11	0.9679	10.3° S	114.6° W	79.3°	03m17s
570	04352	-0171 Mar 24	18:14:50	1.0394	47.2° N	77.2° W	33.0°	02m45s
571	04353	-0171 Sep 18	01:16:16	0.9233	51.8° S	164.7° E	22.1°	06m40s
572	04358	-0169 Jul 28	17:51:19	1.0217	46.3° N	23.5° W	62.1°	01m45s
573	04359	-0168 Jan 22	22:41:06	0.9465	2.2° S	110.7° W	70.8°	06m40s
574	04360	-0168 Jul 17	08:34:21	1.0695	5.7° N	99.1° E	73.1°	06m25s
575	04365	-0166 May 28	06:37:14	0.9955	74.2° N	112.2° E	35.7°	00m19s
576	04366	-0166 Nov 20	16:31:00	1.0157	51.1° S	26.1° W	57.8°	01m15s
577	04367	-0165 May 17	11:36:29	0.9573	21.0° N	54.9° E	87.3°	05m21s
578	04368	-0165 Nov 10	07:25:27	1.0475	7.9° S	118.6° E	81.3°	04m28s

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Total Solar Eclipses Around the World - Page 18
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
579	04369	-0164 May 05	12:12:03	0.9469	29.9° S	57.2° E	43.7°	06m20s
580	04370	-0164 Oct 29	22:45:19	1.0199	41.9° N	97.1° W	33.1°	01m39s
581	04374	-0162 Mar 15	17:50:15	1.0540	25.1° N	43.3° W	60.0°	04m40s
582	04375	-0162 Sep 08	20:12:38	0.9284	28.2° S	83.9° W	53.0°	08m39s
583	04376	-0161 Mar 05	10:23:04	1.0627	19.6° S	82.8° E	77.4°	05m27s
584	04377	-0161 Aug 28	20:32:49	0.9513	18.5° N	74.9° W	82.5°	05m54s
585	04378	-0160 Feb 23	01:22:05	1.0099	74.2° S	77.5° W	16.9°	00m36s
586	04379	-0160 Aug 17	02:53:04	0.9973	70.2° N	137.1° W	30.8°	00m11s
587	04381	-0159 Jul 08	08:48:26	1.0051	66.8° S	100.1° E	0.0°	00m00s
588	04383	-0158 Jan 01	17:29:28	0.9184	7.4° N	28.4° W	59.1°	11m54s
589	04384	-0158 Jun 28	01:49:01	1.0639	7.3° N	155.5° W	73.5°	06m13s
590	04385	-0158 Dec 21	18:44:20	0.9514	34.5° S	51.2° W	79.1°	05m22s
591	04387	-0157 Dec 11	03:02:37	0.9976	77.4° S	131.6° E	30.1°	00m09s
592	04392	-0155 Apr 26	08:09:37	0.9520	32.0° S	130.6° E	40.5°	05m02s
593	04395	-0154 Oct 10	06:35:16	0.9624	13.7° S	124.7° E	80.5°	03m52s
594	04396	-0153 Apr 05	01:53:17	1.0463	46.8° N	170.1° E	38.8°	03m13s
595	04397	-0153 Sep 29	08:46:34	0.9205	52.1° S	51.8° E	26.4°	06m53s
596	04402	-0151 Aug 08	01:20:46	1.0218	46.3° N	132.5° W	58.3°	01m43s
597	04403	-0150 Feb 02	06:31:32	0.9469	1.1° S	130.6° E	72.1°	06m25s
598	04404	-0150 Jul 28	16:13:20	1.0689	7.7° N	16.2° W	76.8°	06m11s
599	04405	-0149 Jan 22	06:49:55	0.9166	63.1° N	89.6° E	0.0°	00m00s
600	04406	-0149 Jul 18	09:15:06	1.0553	49.1° S	71.0° E	16.4°	04m06s
601	04408	-0148 Jun 07	13:28:56	0.9897	85.5° N	4.6° E	26.7°	00m39s
602	04409	-0148 Dec 01	01:16:43	1.0179	53.7° S	154.3° W	57.8°	01m23s
603	04410	-0147 May 27	18:01:25	0.9560	28.5° N	42.7° W	82.3°	05m21s
604	04411	-0147 Nov 20	16:17:33	1.0468	11.0° S	15.4° W	81.5°	04m26s
605	04412	-0146 May 16	18:36:34	0.9504	20.6° S	44.1° W	50.6°	06m22s
606	04413	-0146 Nov 10	07:27:50	1.0163	38.9° N	127.7° E	33.4°	01m25s
607	04417	-0144 Mar 26	01:39:38	1.0584	32.4° N	164.5° W	56.6°	04m47s
608	04418	-0144 Sep 19	03:32:37	0.9247	34.8° S	162.2° E	50.2°	08m36s
609	04419	-0143 Mar 15	18:24:02	1.0651	12.8° S	39.9° W	80.0°	05m45s
610	04420	-0143 Sep 08	03:54:50	0.9505	11.9° N	172.5° E	85.1°	06m03s
611	04421	-0142 Mar 05	09:17:45	1.0118	67.5° S	138.9° E	22.9°	00m46s
612	04422	-0142 Aug 28	10:32:25	0.9988	61.7° N	99.0° E	36.0°	00m05s

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Total Solar Eclipses Around the World - Page 19
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
613	04426	-0140 Jan 13	01:20:54	0.9208	9.6° N	148.4° W	58.2°	11m25s
614	04427	-0140 Jul 08	09:14:45	1.0594	2.3° N	91.6° E	69.2°	05m53s
615	04428	-0139 Jan 01	02:59:33	0.9554	34.0° S	173.4° W	79.5°	04m57s
616	04434	-0137 May 07	14:42:41	0.9538	36.5° S	32.4° E	32.8°	04m46s
617	04437	-0136 Oct 20	14:39:14	0.9574	17.2° S	2.9° E	81.4°	04m26s
618	04438	-0135 Apr 15	09:27:08	1.0527	46.8° N	58.9° E	44.4°	03m39s
619	04439	-0135 Oct 09	16:24:33	0.9177	53.7° S	63.8° W	29.5°	07m02s
620	04445	-0133 Aug 19	09:00:20	1.0215	45.3° N	115.1° E	54.9°	01m40s
621	04446	-0132 Feb 13	14:11:16	0.9476	0.1° N	14.8° E	74.0°	06m09s
622	04447	-0132 Aug 07	23:59:55	1.0676	8.4° N	133.2° W	80.2°	05m53s
623	04448	-0131 Feb 01	14:27:14	0.9121	59.7° N	29.0° W	3.8°	07m45s
624	04449	-0131 Jul 28	16:51:40	1.0539	40.6° S	44.3° W	26.0°	04m14s
625	04451	-0130 Jun 18	20:17:43	0.9819	78.6° N	91.6° E	12.4°	01m02s
626	04452	-0130 Dec 12	10:03:40	1.0206	55.3° S	78.4° E	57.9°	01m35s
627	04453	-0129 Jun 08	00:24:36	0.9542	35.5° N	138.7° W	77.1°	05m19s
628	04454	-0129 Dec 02	01:12:00	1.0465	13.3° S	149.6° W	81.5°	04m25s
629	04455	-0128 May 27	01:01:11	0.9534	12.3° S	144.3° W	56.8°	06m16s
630	04456	-0128 Nov 20	16:12:27	1.0131	36.5° N	7.8° W	33.4°	01m10s
631	04460	-0126 Apr 06	09:22:42	1.0623	40.3° N	75.6° E	52.6°	04m48s
632	04461	-0126 Sep 30	11:01:41	0.9214	41.3° S	46.2° E	47.8°	08m30s
633	04462	-0125 Mar 27	02:17:01	1.0669	5.7° S	161.0° W	83.0°	05m59s
634	04463	-0125 Sep 19	11:27:28	0.9500	5.6° N	57.1° E	87.2°	06m08s
635	04464	-0124 Mar 15	17:04:11	1.0131	59.5° S	8.0° E	28.5°	00m56s
636	04465	-0124 Sep 07	18:22:16	0.9999	54.1° N	24.4° W	39.9°	00m00s
637	04469	-0122 Jan 23	09:05:39	0.9237	12.7° N	93.0° E	56.8°	10m42s
638	04470	-0122 Jul 19	16:43:53	1.0541	3.2° S	22.9° W	64.9°	05m24s
639	04471	-0121 Jan 12	11:09:11	0.9601	32.1° S	65.5° E	80.2°	04m27s
640	04477	-0119 May 17	21:13:08	0.9546	44.2° S	64.3° W	22.6°	04m28s
641	04480	-0118 Oct 31	22:49:30	0.9529	20.8° S	120.2° W	82.0°	05m00s
642	04481	-0117 Apr 26	16:56:27	1.0583	47.0° N	50.5° W	49.7°	04m04s
643	04482	-0117 Oct 21	00:09:43	0.9153	56.4° S	178.5° E	31.6°	07m08s
644	04488	-0115 Aug 29	16:47:48	1.0210	43.6° N	0.3° W	51.7°	01m36s
645	04489	-0114 Feb 23	21:42:08	0.9485	1.6° N	98.7° W	76.2°	05m53s
646	04490	-0114 Aug 19	07:54:00	1.0658	8.0° N	108.0° E	83.1°	05m36s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
647	04491	-0113 Feb 12	21:54:51	0.9179	51.6° N	135.4° W	15.3°	07m43s
648	04492	-0113 Aug 09	00:35:30	1.0510	36.0° S	162.0° W	32.4°	04m05s
649	04495	-0112 Dec 22	18:48:32	1.0238	55.7° S	47.7° W	57.8°	01m47s
650	04496	-0111 Jun 18	06:48:07	0.9519	41.7° N	126.6° E	71.8°	05m17s
651	04497	-0111 Dec 12	10:05:34	1.0467	14.8° S	76.7° E	81.6°	04m26s
652	04498	-0110 Jun 07	07:24:32	0.9557	4.7° S	116.8° E	62.8°	06m05s
653	04499	-0110 Dec 02	00:58:31	1.0104	34.8° N	143.6° W	33.3°	00m58s
654	04503	-0108 Apr 16	16:59:52	1.0654	48.8° N	43.1° W	48.0°	04m43s
655	04504	-0108 Oct 10	18:39:51	0.9186	47.3° S	71.7° W	45.9°	08m21s
656	04505	-0107 Apr 06	10:01:59	1.0684	1.7° N	79.8° E	86.3°	06m10s
657	04506	-0107 Sep 29	19:10:01	0.9495	0.4° S	60.6° W	89.0°	06m12s
658	04507	-0106 Mar 27	00:41:08	1.0143	51.0° S	116.0° W	34.0°	01m07s
659	04512	-0104 Feb 03	16:44:32	0.9271	16.8° N	24.5° W	55.2°	09m50s
660	04513	-0104 Jul 30	00:16:56	1.0484	9.2° S	138.9° W	60.8°	04m48s
661	04514	-0103 Jan 22	19:15:23	0.9652	29.1° S	55.3° W	81.0°	03m53s
662	04515	-0103 Jul 19	12:20:49	0.9982	37.8° N	45.0° E	73.9°	00m11s
663	04516	-0102 Jan 12	04:55:26	1.0104	79.5° S	170.3° E	32.5°	00m39s
664	04520	-0101 May 29	03:44:34	0.9654	63.3° S	149.6° W	0.0°	00m00s
665	04523	-0100 Nov 11	07:02:52	0.9490	24.1° S	116.3° E	82.3°	05m32s
666	04524	-0099 May 07	00:22:02	1.0633	46.9° N	158.3° W	55.0°	04m28s
667	04525	-0099 Oct 31	08:01:17	0.9133	59.8° S	59.2° E	33.0°	07m11s
668	04531	-0097 Sep 10	00:46:41	1.0204	41.3° N	119.8° W	49.0°	01m34s
669	04532	-0096 Mar 06	05:02:17	0.9495	3.1° N	150.7° E	78.9°	05m38s
670	04533	-0096 Aug 29	15:55:39	1.0636	6.7° N	12.8° W	85.7°	05m18s
671	04534	-0095 Feb 23	05:14:37	0.9229	47.7° N	115.3° E	22.4°	07m19s
672	04535	-0095 Aug 19	08:24:57	1.0472	33.5° S	78.9° E	37.4°	03m47s
673	04538	-0093 Jan 03	03:31:36	1.0275	55.0° S	173.5° W	57.5°	02m02s
674	04539	-0093 Jun 29	13:13:16	0.9493	46.9° N	33.2° E	66.5°	05m17s
675	04540	-0093 Dec 23	18:57:31	1.0474	15.5° S	56.5° W	81.7°	04m28s
676	04541	-0092 Jun 17	13:51:37	0.9576	1.8° N	18.0° E	68.3°	05m48s
677	04546	-0090 Apr 28	00:32:53	1.0677	57.7° N	161.4° W	42.7°	04m32s
678	04547	-0090 Oct 22	02:25:08	0.9164	53.1° S	169.6° E	44.5°	08m11s
679	04548	-0089 Apr 17	17:40:32	1.0692	9.3° N	37.7° W	90.0°	06m15s
680	04549	-0089 Oct 11	03:02:29	0.9494	6.0° S	179.4° E	89.8°	06m12s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
681	04550	-0088 Apr 06	08:09:48	1.0148	42.5° S	124.2° E	39.3°	01m16s
682	04555	-0086 Feb 14	00:13:10	0.9307	22.1° N	140.0° W	52.8°	08m51s
683	04556	-0086 Aug 10	07:56:02	1.0422	15.6° S	103.1° E	56.9°	04m06s
684	04557	-0085 Feb 03	03:13:49	0.9709	25.0° S	175.0° W	82.4°	03m15s
685	04558	-0085 Jul 30	19:29:21	0.9926	31.7° N	62.1° W	77.8°	00m46s
686	04559	-0084 Jan 23	13:23:46	1.0158	74.8° S	53.0° E	34.1°	01m01s
687	04560	-0084 Jul 18	23:54:35	0.9375	69.9° N	38.0° E	2.1°	03m39s
688	04564	-0083 Dec 03	07:47:15	0.9974	11.6° N	117.4° E	55.3°	00m16s
689	04565	-0082 May 28	17:37:45	1.0209	6.0° N	34.3° W	74.4°	02m11s
690	04566	-0082 Nov 22	15:19:03	0.9458	27.0° S	7.5° W	82.5°	06m01s
691	04567	-0081 May 18	07:45:45	1.0674	46.2° N	94.6° E	60.0°	04m52s
692	04568	-0081 Nov 11	15:58:12	0.9117	63.7° S	60.8° W	33.9°	07m12s
693	04573	-0079 Mar 28	06:31:33	0.9989	30.7° S	151.3° E	52.2°	00m06s
694	04574	-0079 Sep 20	08:53:49	1.0197	38.9° N	117.8° E	46.8°	01m32s
695	04575	-0078 Mar 17	12:11:29	0.9506	4.5° N	43.0° E	82.0°	05m27s
696	04576	-0078 Sep 10	00:05:45	1.0611	4.6° N	135.8° W	87.9°	05m02s
697	04577	-0077 Mar 06	12:24:40	0.9279	45.2° N	8.4° E	28.7°	06m50s
698	04578	-0077 Aug 30	16:21:46	1.0429	32.7° S	42.0° W	41.3°	03m25s
699	04583	-0075 Jan 13	12:09:37	1.0315	53.4° S	61.3° E	57.0°	02m19s
700	04584	-0075 Jul 09	19:40:40	0.9461	51.0° N	59.2° W	61.2°	05m18s
701	04585	-0074 Jan 03	03:45:55	1.0485	15.5° S	171.3° E	82.1°	04m30s
702	04586	-0074 Jun 28	20:21:24	0.9589	7.3° N	80.8° W	73.5°	05m29s
703	04590	-0072 May 08	08:01:55	1.0690	67.2° N	79.8° E	36.6°	04m16s
704	04591	-0072 Nov 01	10:17:08	0.9147	58.4° S	50.6° E	43.4°	08m01s
705	04592	-0071 Apr 28	01:12:51	1.0694	16.8° N	153.3° W	86.1°	06m13s
706	04593	-0071 Oct 21	11:03:45	0.9495	11.1° S	57.5° E	88.9°	06m09s
707	04594	-0070 Apr 17	15:29:01	1.0149	34.0° S	8.1° E	44.7°	01m22s
708	04600	-0068 Feb 25	07:35:07	0.9345	28.2° N	105.7° E	50.0°	07m51s
709	04601	-0068 Aug 20	15:41:05	1.0357	22.1° S	16.9° W	53.2°	03m22s
710	04602	-0067 Feb 13	11:06:56	0.9769	20.0° S	65.9° E	84.0°	02m35s
711	04603	-0067 Aug 10	02:42:07	0.9867	25.3° N	171.2° W	81.4°	01m26s
712	04604	-0066 Feb 02	21:46:36	1.0217	69.1° S	71.0° W	36.2°	01m26s
713	04605	-0066 Jul 30	06:36:44	0.9386	82.5° N	158.4° W	21.7°	04m17s
714	04609	-0065 Dec 14	16:26:07	0.9949	11.0° N	14.5° W	55.2°	00m33s

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Total Solar Eclipses Around the World - Page 22
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
715	04610	-0064 Jun 08	00:40:35	1.0240	2.8° N	140.7° W	69.7°	02m34s
716	04611	-0064 Dec 02	23:34:49	0.9432	29.1° S	130.7° W	82.7°	06m28s
717	04612	-0063 May 28	15:08:22	1.0707	44.8° N	12.2° W	64.9°	05m15s
718	04613	-0063 Nov 21	23:58:15	0.9108	67.8° S	179.9° E	34.6°	07m12s
719	04618	-0061 Apr 08	13:49:15	0.9971	31.0° S	41.9° E	47.3°	00m16s
720	04619	-0061 Oct 01	17:10:28	1.0192	36.3° N	8.0° W	45.0°	01m31s
721	04620	-0060 Mar 27	19:10:48	0.9515	5.6° N	61.9° W	85.6°	05m21s
722	04621	-0060 Sep 20	08:24:07	1.0584	1.8° N	98.9° E	89.7°	04m48s
723	04622	-0059 Mar 16	19:25:48	0.9329	43.7° N	96.0° W	34.8°	06m19s
724	04623	-0059 Sep 10	00:25:09	1.0380	33.3° S	164.5° W	44.4°	02m59s
725	04628	-0057 Jan 24	20:42:31	1.0359	51.1° S	63.7° W	56.1°	02m36s
726	04629	-0057 Jul 21	02:13:29	0.9427	53.7° N	151.6° W	55.9°	05m23s
727	04630	-0056 Jan 14	12:30:30	1.0499	14.7° S	39.9° E	82.6°	04m33s
728	04631	-0056 Jul 09	02:56:21	0.9599	11.7° N	179.9° E	78.4°	05m09s
729	04633	-0055 Jun 28	09:05:34	0.9991	48.5° S	79.5° E	17.2°	00m05s
730	04635	-0054 May 19	15:28:23	1.0691	77.4° N	44.6° W	29.0°	03m55s
731	04636	-0054 Nov 12	18:13:57	0.9137	63.2° S	67.7° W	42.7°	07m49s
732	04637	-0053 May 09	08:41:04	1.0687	24.2° N	92.5° E	82.0°	06m03s
733	04638	-0053 Nov 01	19:11:14	0.9503	15.7° S	65.4° W	88.2°	06m02s
734	04639	-0052 Apr 27	22:41:58	1.0143	25.7° S	105.4° W	49.9°	01m25s
735	04645	-0050 Mar 07	14:46:58	0.9383	35.2° N	6.8° W	46.3°	06m51s
736	04646	-0050 Aug 31	23:33:54	1.0290	28.7° S	139.2° W	49.9°	02m38s
737	04647	-0049 Feb 24	18:50:54	0.9831	14.1° S	51.6° W	86.1°	01m52s
738	04648	-0049 Aug 21	10:02:16	0.9807	18.8° N	77.2° E	84.5°	02m10s
739	04649	-0048 Feb 14	06:02:38	1.0279	62.7° S	163.1° E	38.7°	01m54s
740	04650	-0048 Aug 09	13:24:18	0.9367	73.2° N	60.8° E	30.3°	04m55s
741	04654	-0047 Dec 25	01:02:53	0.9930	11.3° N	145.9° W	54.9°	00m47s
742	04655	-0046 Jun 19	07:44:32	1.0265	1.3° S	112.2° E	64.9°	02m52s
743	04656	-0046 Dec 14	07:50:16	0.9413	30.4° S	106.5° E	82.9°	06m50s
744	04657	-0045 Jun 08	22:31:40	1.0731	42.5° N	119.5° W	69.6°	05m37s
745	04658	-0045 Dec 03	07:59:17	0.9104	71.7° S	63.3° E	35.2°	07m10s
746	04663	-0043 Apr 18	20:59:08	0.9947	32.7° S	65.6° W	41.5°	00m29s
747	04664	-0043 Oct 12	01:34:43	1.0189	33.8° N	136.4° W	43.6°	01m32s
748	04665	-0042 Apr 08	02:01:04	0.9522	6.4° N	164.3° W	89.5°	05m19s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
749	04666	-0042 Oct 01	16:50:13	1.0558	1.4° S	28.5° W	88.9°	04m35s
750	04667	-0041 Mar 28	02:18:20	0.9377	42.9° N	162.3° E	40.7°	05m50s
751	04668	-0041 Sep 21	08:36:41	1.0331	35.0° S	71.0° E	46.7°	02m34s
752	04673	-0039 Feb 04	05:08:41	1.0404	48.5° S	172.1° E	54.7°	02m54s
753	04674	-0039 Jul 31	08:52:03	0.9390	55.1° N	115.1° E	50.6°	05m31s
754	04675	-0038 Jan 24	21:07:27	1.0517	13.5° S	89.5° W	83.4°	04m37s
755	04676	-0038 Jul 20	09:37:47	0.9603	14.8° N	79.6° E	82.9°	04m52s
756	04680	-0036 May 29	22:53:45	1.0674	84.8° N	122.3° E	18.9°	03m28s
757	04681	-0036 Nov 23	02:15:09	0.9134	67.2° S	176.0° E	42.3°	07m38s
758	04682	-0035 May 19	16:03:49	1.0672	31.4° N	19.5° W	77.7°	05m46s
759	04683	-0035 Nov 12	03:25:54	0.9515	19.4° S	170.4° E	87.9°	05m51s
760	04690	-0032 Mar 17	21:52:49	0.9421	43.1° N	118.6° W	42.0°	05m54s
761	04691	-0032 Sep 11	07:32:25	1.0224	35.3° S	97.0° E	46.9°	01m57s
762	04692	-0031 Mar 07	02:29:23	0.9895	7.7° S	168.3° W	88.5°	01m09s
763	04693	-0031 Aug 31	17:28:31	0.9745	12.3° N	36.3° W	87.3°	02m55s
764	04694	-0030 Feb 24	14:10:39	1.0342	55.7° S	37.6° E	41.7°	02m27s
765	04695	-0030 Aug 20	20:20:09	0.9341	64.0° N	53.3° W	36.4°	05m38s
766	04700	-0028 Jan 05	09:33:30	0.9915	12.6° N	84.1° E	54.3°	00m58s
767	04701	-0028 Jun 29	14:53:57	1.0283	6.2° S	3.0° E	60.1°	03m03s
768	04702	-0028 Dec 24	16:01:49	0.9400	30.5° S	15.1° W	83.2°	07m08s
769	04703	-0027 Jun 19	05:55:09	1.0746	39.2° N	132.4° E	74.2°	05m57s
770	04704	-0027 Dec 13	16:00:18	0.9109	74.9° S	48.1° W	35.7°	07m08s
771	04706	-0026 Jun 08	23:13:01	1.0095	64.3° N	84.7° E	0.0°	00m00s
772	04709	-0025 Apr 30	04:00:34	0.9915	36.3° S	170.7° W	34.5°	00m47s
773	04710	-0025 Oct 23	10:07:36	1.0189	31.2° N	92.5° E	42.8°	01m35s
774	04713	-0023 Apr 07	09:03:45	0.9425	42.5° N	62.9° E	46.5°	05m23s
775	04714	-0023 Oct 01	16:55:10	1.0281	37.6° S	55.1° W	48.5°	02m09s
776	04719	-0021 Feb 15	13:28:32	1.0450	45.8° S	48.5° E	53.0°	03m13s
777	04720	-0021 Aug 11	15:37:32	0.9351	55.3° N	19.8° E	45.4°	05m42s
778	04721	-0020 Feb 05	05:38:33	1.0536	11.8° S	142.4° E	84.5°	04m40s
779	04722	-0020 Jul 30	16:27:14	0.9604	16.6° N	22.4° W	87.1°	04m38s
780	04728	-0018 Dec 04	10:16:40	0.9139	70.2° S	63.3° E	41.9°	07m25s
781	04729	-0017 May 30	23:25:29	1.0649	38.2° N	130.2° W	73.2°	05m23s
782	04730	-0017 Nov 23	11:44:10	0.9533	22.5° S	45.7° E	87.7°	05m35s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
783	04737	-0014 Mar 29	04:48:09	0.9456	52.0° N	130.3° E	36.5°	05m02s
784	04738	-0014 Sep 22	15:39:28	1.0158	41.6° S	29.0° W	44.4°	01m19s
785	04739	-0013 Mar 18	09:59:34	0.9959	0.8° S	76.6° E	88.6°	00m27s
786	04740	-0013 Sep 12	01:01:55	0.9685	5.9° N	151.7° W	89.7°	03m41s
787	04741	-0012 Mar 06	22:11:44	1.0407	48.4° S	86.9° W	45.0°	03m03s
788	04742	-0012 Aug 31	03:23:34	0.9311	55.6° N	165.2° W	41.1°	06m24s
789	04747	-0010 Jan 15	17:59:33	0.9903	14.9° N	44.8° W	53.4°	01m05s
790	04748	-0010 Jul 10	22:07:51	1.0293	11.8° S	108.0° W	55.3°	03m06s
791	04749	-0009 Jan 05	00:08:42	0.9393	29.4° S	135.6° W	83.6°	07m21s
792	04750	-0009 Jun 30	13:22:34	1.0753	35.1° N	22.4° E	78.5°	06m14s
793	04751	-0009 Dec 24	23:59:49	0.9119	76.6° S	152.8° W	36.3°	07m05s
794	04752	-0008 Jun 19	06:36:42	1.0602	82.0° N	10.9° E	20.3°	03m08s
795	04755	-0007 May 10	10:56:39	0.9872	42.4° S	86.1° E	25.3°	01m09s
796	04756	-0007 Nov 02	18:45:46	1.0194	29.0° N	40.1° W	42.2°	01m40s
797	04757	-0006 Apr 29	15:17:08	0.9528	6.0° N	2.7° W	81.6°	05m32s
798	04758	-0006 Oct 23	10:03:04	1.0509	8.3° S	71.4° E	87.1°	04m17s
799	04759	-0005 Apr 18	15:43:14	0.9470	42.3° N	34.4° W	52.2°	05m00s
800	04760	-0005 Oct 13	01:19:37	1.0233	40.9° S	177.6° E	49.8°	01m46s
801	04765	-0003 Feb 25	21:39:39	1.0495	43.4° S	73.5° W	50.6°	03m31s
802	04766	-0003 Aug 21	22:31:23	0.9311	54.7° N	78.7° W	40.3°	05m57s
803	04767	-0002 Feb 15	14:00:36	1.0557	9.8° S	16.5° E	86.1°	04m45s
804	04768	-0002 Aug 10	23:26:07	0.9602	17.3° N	126.5° W	89.2°	04m28s
805	04774	0000 Dec 14	18:19:36	0.9150	71.8° S	46.2° W	41.6°	07m12s
806	04775	0001 Jun 10	06:44:16	1.0617	44.4° N	121.2° E	68.5°	04m56s
807	04776	0001 Dec 03	20:05:38	0.9558	24.7° S	79.2° W	87.6°	05m14s
808	04782	0004 Apr 08	11:39:14	0.9486	61.7° N	16.8° E	29.8°	04m15s
809	04785	0005 Sep 22	08:42:23	0.9626	0.4° S	91.0° E	88.3°	04m25s
810	04786	0006 Mar 18	06:05:10	1.0470	40.8° S	150.3° E	48.7°	03m42s
811	04787	0006 Sep 11	10:36:21	0.9281	48.0° N	82.0° E	44.9°	07m13s
812	04792	0008 Jan 27	02:17:23	0.9895	18.2° N	172.1° W	52.2°	01m09s
813	04793	0008 Jul 21	05:28:07	1.0298	18.0° S	138.8° E	50.5°	03m02s
814	04794	0009 Jan 15	08:08:55	0.9392	27.2° S	105.2° E	84.4°	07m30s
815	04795	0009 Jul 10	20:53:09	1.0750	30.2° N	89.4° W	82.6°	06m25s
816	04796	0010 Jan 04	07:54:31	0.9138	75.7° S	106.1° E	37.4°	07m03s

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#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
817	04797	0010 Jun 30	14:01:10	1.0599	83.1° N	11.6° W	29.8°	03m22s
818	04800	0011 May 21	17:47:07	0.9805	55.4° S	10.8° W	9.4°	01m36s
819	04801	0011 Nov 14	03:29:00	1.0203	27.0° N	174.2° W	42.0°	01m48s
820	04802	0012 May 09	21:45:58	0.9525	4.5° N	99.6° W	76.6°	05m48s
821	04803	0012 Nov 02	18:48:38	1.0489	11.6° S	60.7° W	86.7°	04m11s
822	04804	0013 Apr 28	22:16:18	0.9512	41.8° N	129.6° W	57.8°	04m41s
823	04805	0013 Oct 23	09:50:43	1.0186	44.7° S	48.9° E	50.7°	01m23s
824	04810	0015 Mar 09	05:44:12	1.0537	41.3° S	165.7° E	47.7°	03m49s
825	04811	0015 Sep 02	05:34:31	0.9272	53.8° N	179.0° E	35.4°	06m15s
826	04812	0016 Feb 26	22:16:04	1.0576	7.7° S	107.9° W	87.9°	04m50s
827	04813	0016 Aug 21	06:33:33	0.9598	16.9° N	127.1° E	85.9°	04m22s
828	04820	0018 Dec 26	02:19:23	0.9167	71.7° S	153.7° W	41.0°	06m56s
829	04821	0019 Jun 21	14:04:18	1.0577	49.7° N	13.9° E	63.8°	04m26s
830	04822	0019 Dec 15	04:26:24	0.9589	26.0° S	156.3° E	87.4°	04m47s
831	04828	0022 Apr 19	18:22:41	0.9506	72.1° N	108.8° W	20.1°	03m35s
832	04831	0023 Oct 03	16:31:02	0.9570	6.3° S	28.2° W	86.8°	05m07s
833	04832	0024 Mar 28	13:52:19	1.0531	33.0° S	29.0° E	52.6°	04m24s
834	04833	0024 Sep 21	17:57:07	0.9250	40.9° N	32.2° W	47.9°	08m05s
835	04838	0026 Feb 06	10:26:56	0.9888	22.5° N	62.4° E	50.4°	01m12s
836	04839	0026 Aug 01	12:55:45	1.0296	24.7° S	22.9° E	45.9°	02m53s
837	04840	0027 Jan 26	16:02:14	0.9395	23.8° S	13.0° W	85.4°	07m34s
838	04841	0027 Jul 22	04:29:07	1.0741	24.8° N	156.5° E	86.4°	06m31s
839	04842	0028 Jan 15	15:44:31	0.9163	72.5° S	0.9° E	38.7°	07m01s
840	04843	0028 Jul 10	21:28:53	1.0582	75.9° N	95.4° W	36.8°	03m30s
841	04847	0029 Nov 24	12:15:21	1.0217	25.5° N	50.8° E	41.9°	01m59s
842	04848	0030 May 21	04:10:57	0.9517	2.0° N	164.1° E	71.4°	06m09s
843	04849	0030 Nov 14	03:37:26	1.0473	14.6° S	166.6° E	86.4°	04m08s
844	04850	0031 May 10	04:46:51	0.9549	41.0° N	136.1° E	63.3°	04m26s
845	04851	0031 Nov 03	18:26:45	1.0143	48.8° S	80.4° W	51.1°	01m04s
846	04856	0033 Mar 19	13:40:16	1.0576	40.1° S	46.9° E	44.0°	04m06s
847	04857	0033 Sep 12	12:47:30	0.9233	52.8° N	72.9° E	30.6°	06m36s
848	04858	0034 Mar 09	06:20:44	1.0594	5.6° S	130.6° E	89.7°	04m56s
849	04859	0034 Sep 01	13:52:18	0.9593	15.5° N	17.6° E	83.0°	04m20s
850	04866	0037 Jan 05	10:17:02	0.9191	70.1° S	97.6° E	40.2°	06m40s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
851	04867	0037 Jul 01	21:23:24	1.0529	54.1° N	91.2° W	58.9°	03m54s
852	04868	0037 Dec 25	12:47:35	0.9626	26.4° S	31.9° E	87.2°	04m15s
853	04874	0040 Apr 30	01:03:17	0.9522	70.5° N	70.2° E	0.0°	00m00s
854	04875	0040 Oct 24	16:37:57	0.9982	59.2° S	53.7° W	39.3°	00m08s
855	04877	0041 Oct 14	00:26:01	0.9519	11.8° S	148.6° W	85.6°	05m47s
856	04878	0042 Apr 08	21:32:29	1.0588	25.1° S	90.4° W	56.8°	05m05s
857	04879	0042 Oct 03	01:27:27	0.9222	34.6° N	148.4° W	50.2°	08m56s
858	04884	0044 Feb 17	18:26:46	0.9881	27.9° N	61.2° W	48.1°	01m13s
859	04885	0044 Aug 11	20:31:57	1.0290	31.5° S	95.8° W	41.4°	02m39s
860	04886	0045 Feb 05	23:45:29	0.9402	19.2° S	129.3° W	86.9°	07m34s
861	04887	0045 Aug 01	12:10:30	1.0724	18.9° N	40.2° E	89.9°	06m30s
862	04888	0046 Jan 25	23:27:16	0.9194	67.6° S	109.2° W	40.6°	06m59s
863	04889	0046 Jul 22	05:00:32	1.0552	68.1° N	158.1° E	42.5°	03m34s
864	04894	0047 Dec 05	21:04:34	1.0236	24.4° N	84.8° W	42.0°	02m13s
865	04895	0048 May 31	10:32:07	0.9506	1.6° S	68.4° E	65.9°	06m33s
866	04896	0048 Nov 24	12:30:09	1.0461	17.1° S	33.2° E	86.3°	04m07s
867	04897	0049 May 20	11:14:25	0.9583	39.4° N	42.6° E	68.8°	04m15s
868	04901	0051 Mar 30	21:31:07	1.0609	39.8° S	70.7° W	39.6°	04m21s
869	04902	0051 Sep 23	20:08:25	0.9197	52.2° N	36.3° W	26.0°	06m58s
870	04903	0052 Mar 19	14:19:19	1.0609	3.7° S	10.6° E	87.1°	05m02s
871	04904	0052 Sep 11	21:20:36	0.9588	13.4° N	94.6° W	80.5°	04m20s
872	04911	0055 Jan 16	18:07:44	0.9219	67.7° S	12.1° W	38.9°	06m22s
873	04912	0055 Jul 13	04:47:03	1.0475	57.0° N	164.2° E	54.0°	03m23s
874	04913	0056 Jan 05	21:05:29	0.9669	26.1° S	91.7° W	86.8°	03m39s
875	04914	0056 Jul 01	16:27:58	0.9972	13.2° N	27.3° W	79.6°	00m20s
876	04915	0056 Dec 25	07:16:33	1.0163	15.9° N	108.9° E	50.2°	01m40s
877	04916	0057 Jun 20	20:59:17	0.9434	55.8° S	101.3° W	10.4°	05m25s
878	04920	0058 Nov 05	01:09:07	0.9934	64.3° S	177.8° E	38.5°	00m29s
879	04921	0059 Apr 30	15:04:34	1.0191	29.8° N	10.2° W	73.8°	01m50s
880	04922	0059 Oct 25	08:26:50	0.9472	16.8° S	90.0° E	84.7°	06m23s
881	04923	0060 Apr 19	05:08:12	1.0640	17.3° S	151.7° E	61.1°	05m45s
882	04924	0060 Oct 13	09:05:51	0.9196	28.9° N	93.7° E	52.0°	09m47s
883	04928	0062 Feb 28	02:17:27	0.9874	34.1° N	176.9° E	45.1°	01m14s
884	04929	0062 Aug 23	04:17:02	1.0280	38.5° S	142.5° E	37.1°	02m24s

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Total Solar Eclipses Around the World - Page 27
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
885	04930	0063 Feb 17	07:19:50	0.9412	13.8° S	115.9° E	88.8°	07m30s
886	04931	0063 Aug 12	19:59:34	1.0702	12.8° N	78.6° W	86.9°	06m22s
887	04932	0064 Feb 06	07:03:55	0.9230	61.7° S	137.8° E	42.8°	06m57s
888	04933	0064 Aug 01	12:36:13	1.0515	60.5° N	45.5° E	47.4°	03m33s
889	04938	0065 Dec 16	05:52:32	1.0261	24.1° N	139.9° E	41.9°	02m28s
890	04939	0066 Jun 11	16:53:07	0.9488	6.3° S	27.9° W	60.1°	06m58s
891	04940	0066 Dec 05	21:23:09	1.0454	18.8° S	100.0° W	86.2°	04m07s
892	04941	0067 May 31	17:42:22	0.9612	37.0° N	51.4° W	74.1°	04m08s
893	04945	0069 Apr 10	05:13:17	1.0633	41.0° S	174.1° E	34.0°	04m31s
894	04946	0069 Oct 04	03:39:59	0.9164	51.9° N	149.6° W	21.8°	07m21s
895	04947	0070 Mar 30	22:07:59	1.0619	2.1° S	106.9° W	84.0°	05m08s
896	04948	0070 Sep 23	05:00:07	0.9584	10.8° N	150.0° E	78.5°	04m22s
897	04955	0073 Jan 27	01:54:29	0.9252	64.7° S	123.8° W	37.2°	06m02s
898	04956	0073 Jul 23	12:12:48	1.0413	58.6° N	60.1° E	49.0°	02m52s
899	04957	0074 Jan 16	05:19:43	0.9718	25.0° S	145.5° E	86.2°	03m01s
900	04958	0074 Jul 12	23:23:58	0.9922	16.7° N	131.3° W	84.0°	00m52s
901	04959	0075 Jan 05	15:57:02	1.0204	15.6° N	23.7° W	50.7°	02m01s
902	04960	0075 Jul 02	03:26:47	0.9446	40.1° S	158.7° E	25.7°	06m10s
903	04964	0076 Nov 15	09:42:44	0.9891	68.9° S	51.4° E	38.0°	00m46s
904	04965	0077 May 10	22:11:37	1.0238	37.5° N	118.6° W	69.3°	02m10s
905	04966	0077 Nov 04	16:32:39	0.9431	21.1° S	32.2° W	84.0°	06m55s
906	04967	0078 Apr 30	12:39:31	1.0685	9.7° S	35.2° E	65.5°	06m19s
907	04968	0078 Oct 24	16:51:28	0.9175	24.0° N	25.8° W	53.3°	10m35s
908	04972	0080 Mar 10	09:57:24	0.9864	41.4° N	56.7° E	41.3°	01m15s
909	04973	0080 Sep 02	12:11:02	1.0267	45.5° S	17.7° E	33.0°	02m08s
910	04974	0081 Feb 27	14:43:32	0.9424	7.6° S	3.1° E	88.8°	07m23s
911	04975	0081 Aug 23	03:55:59	1.0675	6.6° N	160.4° E	84.0°	06m08s
912	04976	0082 Feb 16	14:30:25	0.9272	55.0° S	24.7° E	45.7°	06m55s
913	04977	0082 Aug 12	20:18:16	1.0470	53.0° N	70.7° W	51.4°	03m27s
914	04982	0083 Dec 27	14:39:57	1.0290	24.5° N	4.7° E	41.8°	02m44s
915	04983	0084 Jun 21	23:14:05	0.9466	12.1° S	124.9° W	54.0°	07m19s
916	04984	0084 Dec 16	06:16:36	1.0451	19.7° S	126.9° E	86.1°	04m10s
917	04985	0085 Jun 11	00:09:59	0.9636	33.6° N	145.9° W	79.3°	04m04s
918	04989	0087 Apr 21	12:52:07	1.0647	44.1° S	60.2° E	27.0°	04m34s

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Total Solar Eclipses Around the World - Page 28
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
919	04990	0087 Oct 15	11:19:28	0.9136	52.2° N	94.1° E	17.8°	07m44s
920	04991	0088 Apr 10	05:50:43	1.0625	1.0° S	137.2° E	80.5°	05m15s
921	04992	0088 Oct 03	12:48:46	0.9582	7.8° N	32.0° E	76.9°	04m25s
922	04999	0091 Feb 07	09:32:43	0.9287	61.9° S	125.2° E	34.6°	05m42s
923	05000	0091 Aug 03	19:44:06	1.0347	58.9° N	45.5° W	44.0°	02m21s
924	05001	0092 Jan 27	13:28:08	0.9772	23.4° S	24.0° E	85.2°	02m22s
925	05002	0092 Jul 23	06:23:12	0.9869	19.0° N	124.4° E	88.1°	01m26s
926	05003	0093 Jan 16	00:32:32	1.0250	15.7° N	155.0° W	51.6°	02m25s
927	05004	0093 Jul 12	09:56:16	0.9437	31.2° S	58.8° E	34.9°	06m41s
928	05009	0094 Nov 26	18:18:40	0.9855	72.8° S	71.4° W	37.6°	01m01s
929	05010	0095 May 22	05:17:54	1.0277	45.0° N	134.3° E	64.7°	02m22s
930	05011	0095 Nov 16	00:43:03	0.9396	24.8° S	154.9° W	83.7°	07m23s
931	05012	0096 May 10	20:07:02	1.0723	2.3° S	79.8° W	70.0°	06m47s
932	05013	0096 Nov 04	00:44:00	0.9159	19.8° N	146.7° W	54.2°	11m18s
933	05017	0098 Mar 21	17:27:30	0.9850	49.6° N	62.4° W	36.5°	01m16s
934	05018	0098 Sep 13	20:14:32	1.0253	52.3° S	110.3° W	29.3°	01m53s
935	05019	0099 Mar 10	21:58:35	0.9437	0.8° S	108.0° W	86.0°	07m12s
936	05020	0099 Sep 03	11:59:15	1.0645	0.3° N	37.3° E	81.5°	05m50s
937	05021	0100 Feb 27	21:50:10	0.9316	47.8° S	88.1° W	48.8°	06m52s
938	05022	0100 Aug 23	04:06:15	1.0421	45.8° N	170.6° E	54.9°	03m17s
939	05027	0102 Jan 06	23:23:12	1.0323	25.9° N	129.5° W	41.3°	03m00s
940	05028	0102 Jul 03	05:38:53	0.9439	18.9° S	136.3° E	47.6°	07m33s
941	05029	0102 Dec 27	15:06:16	1.0454	19.4° S	5.3° W	85.9°	04m15s
942	05030	0103 Jun 22	06:42:09	0.9654	29.4° N	117.6° E	84.3°	04m02s
943	05034	0105 May 01	20:24:44	1.0643	50.7° S	49.6° W	16.6°	04m21s
944	05035	0105 Oct 25	19:07:56	0.9114	53.0° N	25.8° W	14.4°	08m04s
945	05036	0106 Apr 21	13:25:03	1.0623	0.7° S	23.5° E	76.7°	05m22s
946	05037	0106 Oct 14	20:48:09	0.9583	4.7° N	88.9° W	75.8°	04m29s
947	05044	0109 Feb 17	17:04:01	0.9325	59.5° S	15.2° E	31.2°	05m21s
948	05045	0109 Aug 14	03:20:13	1.0276	58.4° N	153.2° W	39.0°	01m51s
949	05046	0110 Feb 06	21:31:05	0.9829	21.4° S	96.4° W	84.0°	01m43s
950	05047	0110 Aug 03	13:27:32	0.9812	20.1° N	19.1° E	88.0°	02m00s
951	05048	0111 Jan 27	09:03:03	1.0299	16.3° N	75.2° E	52.7°	02m47s
952	05049	0111 Jul 23	16:31:55	0.9421	25.2° S	42.0° W	42.0°	07m03s

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Total Solar Eclipses Around the World - Page 29
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
953	05054	0112 Dec 07	02:54:33	0.9825	75.5° S	171.7° E	37.3°	01m13s
954	05055	0113 Jun 01	12:24:30	1.0310	52.1° N	28.7° E	59.7°	02m29s
955	05056	0113 Nov 26	08:54:28	0.9369	27.6° S	82.7° E	83.4°	07m44s
956	05057	0114 May 22	03:32:43	1.0753	4.6° N	166.2° E	74.5°	07m06s
957	05058	0114 Nov 15	08:41:03	0.9149	16.3° N	91.5° E	54.8°	11m52s
958	05059	0115 May 11	20:48:54	1.0117	69.6° S	62.5° W	0.0°	00m00s
959	05061	0116 Apr 01	00:47:48	0.9830	58.9° N	177.9° E	30.2°	01m19s
960	05062	0116 Sep 24	04:27:28	1.0238	58.6° S	118.2° E	26.1°	01m39s
961	05063	0117 Mar 21	05:01:14	0.9449	6.6° N	143.6° E	82.7°	06m59s
962	05064	0117 Sep 13	20:11:32	1.0612	5.9° S	88.0° W	79.4°	05m29s
963	05065	0118 Mar 10	04:59:55	0.9363	40.1° S	160.9° E	52.5°	06m47s
964	05066	0118 Sep 03	12:01:49	1.0368	38.9° N	49.5° E	57.8°	03m02s
965	05071	0120 Jan 18	08:03:34	1.0359	28.2° N	96.9° E	40.6°	03m16s
966	05072	0120 Jul 13	12:05:37	0.9407	26.9° S	36.0° E	40.7°	07m36s
967	05073	0121 Jan 06	23:54:07	1.0460	18.2° S	137.0° W	85.5°	04m20s
968	05074	0121 Jul 02	13:17:36	0.9668	24.3° N	19.4° E	89.1°	04m02s
969	05076	0122 Jun 21	20:33:47	1.0136	74.0° N	109.2° W	38.7°	00m55s
970	05080	0123 Nov 06	03:01:20	0.9098	54.4° N	147.6° W	11.2°	08m20s
971	05081	0124 May 01	20:55:09	1.0615	1.1° S	89.2° W	72.6°	05m26s
972	05082	0124 Oct 25	04:55:04	0.9588	1.6° N	148.3° E	74.9°	04m31s
973	05088	0127 Mar 01	00:25:56	0.9361	58.1° S	92.1° W	26.4°	05m00s
974	05089	0127 Aug 25	11:03:53	1.0203	57.2° N	95.5° E	34.1°	01m22s
975	05090	0128 Feb 18	05:26:41	0.9890	19.2° S	144.8° E	82.3°	01m04s
976	05091	0128 Aug 13	20:36:30	0.9752	20.3° N	87.4° W	84.5°	02m35s
977	05092	0129 Feb 06	17:27:01	1.0354	17.1° N	52.8° W	54.3°	03m10s
978	05093	0129 Aug 02	23:12:37	0.9398	21.2° S	143.6° W	47.8°	07m20s
979	05098	0130 Dec 18	11:29:55	0.9800	76.2° S	59.4° E	37.0°	01m22s
980	05099	0131 Jun 12	19:32:12	1.0335	58.6° N	74.8° W	54.6°	02m31s
981	05100	0131 Dec 07	17:06:49	0.9347	29.6° S	39.4° W	83.2°	07m59s
982	05101	0132 Jun 01	10:57:16	1.0775	10.9° N	53.3° E	78.9°	07m14s
983	05102	0132 Nov 25	16:42:02	0.9144	13.6° N	31.1° W	55.2°	12m16s
984	05103	0133 May 22	04:13:35	1.0601	48.9° S	163.6° E	20.4°	04m32s
985	05105	0134 Apr 12	07:59:44	0.9800	69.0° N	50.7° E	21.7°	01m24s
986	05106	0134 Oct 05	12:48:19	1.0226	64.5° S	16.5° W	23.3°	01m29s

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Total Solar Eclipses Around the World - Page 30
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
987	05107	0135 Apr 01	11:56:36	0.9460	14.3° N	36.9° E	79.0°	06m43s
988	05108	0135 Sep 25	04:31:21	1.0578	11.9° S	144.9° E	77.6°	05m08s
989	05109	0136 Mar 20	12:02:35	0.9411	32.2° S	51.3° E	56.4°	06m38s
990	05110	0136 Sep 13	20:03:55	1.0313	32.4° N	73.4° W	60.2°	02m43s
991	05115	0138 Jan 28	16:36:21	1.0396	31.7° N	35.2° W	39.2°	03m28s
992	05116	0138 Jul 24	18:39:58	0.9370	35.7° S	67.5° W	33.4°	07m29s
993	05117	0139 Jan 18	08:35:48	1.0469	15.8° S	92.4° E	84.9°	04m27s
994	05118	0139 Jul 13	19:59:21	0.9677	18.7° N	81.3° W	86.4°	04m02s
995	05119	0140 Jan 07	22:24:43	0.9989	60.9° S	113.5° W	51.8°	00m05s
996	05120	0140 Jul 02	03:39:41	1.0175	68.0° N	159.3° E	45.3°	01m15s
997	05124	0141 Nov 16	11:01:39	0.9089	55.9° N	87.2° E	8.9°	08m31s
998	05125	0142 May 13	04:19:27	1.0598	2.5° S	159.4° E	68.1°	05m28s
999	05126	0142 Nov 05	13:09:35	0.9598	1.3° S	23.5° E	74.4°	04m31s
1000	05132	0145 Mar 11	07:41:10	0.9395	57.9° S	164.2° E	19.7°	04m38s
1001	05133	0145 Sep 04	18:53:49	1.0128	56.1° N	18.7° W	29.1°	00m52s
1002	05134	0146 Feb 28	13:15:23	0.9953	17.0° S	27.6° E	80.2°	00m27s
1003	05135	0146 Aug 25	03:52:42	0.9692	19.4° N	164.1° E	81.3°	03m11s
1004	05136	0147 Feb 18	01:45:03	1.0409	18.2° N	179.0° W	56.2°	03m32s
1005	05137	0147 Aug 14	06:00:10	0.9372	18.8° S	113.5° E	52.8°	07m31s
1006	05142	0148 Dec 28	20:00:51	0.9780	75.1° S	52.5° W	36.4°	01m30s
1007	05143	0149 Jun 23	02:42:52	1.0352	64.1° N	175.6° W	49.2°	02m29s
1008	05144	0149 Dec 18	01:16:52	0.9332	30.7° S	160.7° W	82.9°	08m07s
1009	05145	0150 Jun 12	18:23:03	1.0787	16.5° N	59.3° W	83.3°	07m13s
1010	05146	0150 Dec 07	00:43:01	0.9147	11.6° N	153.6° W	55.7°	12m23s
1011	05147	0151 Jun 02	11:36:59	1.0613	37.8° S	45.5° E	30.0°	05m06s
1012	05149	0152 Apr 22	15:01:57	0.9832	71.0° N	136.2° W	0.0°	00m00s
1013	05150	0152 Oct 15	21:18:07	1.0217	69.7° S	154.7° W	21.2°	01m20s
1014	05151	0153 Apr 11	18:41:20	0.9470	22.5° N	67.2° W	74.8°	06m24s
1015	05152	0153 Oct 05	12:59:47	1.0545	17.6° S	15.9° E	76.3°	04m47s
1016	05153	0154 Mar 31	18:56:08	0.9460	24.0° S	56.0° W	60.8°	06m25s
1017	05154	0154 Sep 25	04:14:23	1.0258	26.2° N	161.4° E	62.0°	02m20s
1018	05158	0156 Feb 09	01:04:40	1.0435	36.0° N	166.6° W	37.4°	03m38s
1019	05159	0156 Aug 04	01:19:27	0.9328	46.1° S	174.5° W	24.9°	07m11s
1020	05160	0157 Jan 28	17:11:51	1.0482	12.4° S	37.2° W	84.0°	04m34s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1021	05161	0157 Jul 24	02:47:35	0.9683	12.6° N	175.5° E	82.0°	04m01s
1022	05162	0158 Jan 18	06:53:14	0.9981	58.2° S	124.6° E	52.4°	00m09s
1023	05163	0158 Jul 13	10:52:07	1.0206	61.3° N	57.9° E	51.0°	01m33s
1024	05167	0159 Nov 27	19:04:23	0.9087	58.0° N	39.4° W	6.5°	08m34s
1025	05168	0160 May 23	11:40:03	1.0574	5.0° S	48.6° E	63.3°	05m24s
1026	05169	0160 Nov 15	21:29:22	0.9614	3.9° S	102.5° W	74.1°	04m27s
1027	05171	0161 Nov 05	07:17:14	1.0168	38.8° S	91.9° E	64.3°	01m22s
1028	05174	0163 Mar 22	14:48:14	0.9409	60.3° S	75.0° E	5.9°	04m11s
1029	05177	0164 Sep 04	11:15:41	0.9632	17.8° N	53.6° E	78.4°	03m48s
1030	05178	0165 Feb 28	09:54:09	1.0467	19.4° N	57.5° E	58.7°	03m54s
1031	05179	0165 Aug 24	12:55:58	0.9343	17.9° S	8.7° E	57.0°	07m42s
1032	05184	0167 Jan 09	04:27:22	0.9765	72.5° S	168.1° W	35.5°	01m37s
1033	05185	0167 Jul 04	09:57:52	1.0361	68.2° N	87.0° E	43.6°	02m24s
1034	05186	0167 Dec 29	09:25:01	0.9324	30.8° S	78.7° E	82.6°	08m08s
1035	05187	0168 Jun 23	01:48:53	1.0792	21.3° N	171.0° W	87.6°	07m03s
1036	05188	0168 Dec 17	08:45:18	0.9156	10.3° N	83.7° E	56.0°	12m14s
1037	05189	0169 Jun 12	18:58:55	1.0610	29.2° S	69.8° W	37.6°	05m25s
1038	05192	0170 Oct 27	05:54:29	1.0212	74.4° S	63.7° E	19.7°	01m15s
1039	05193	0171 Apr 23	01:20:33	0.9476	30.9° N	169.7° W	70.3°	06m04s
1040	05194	0171 Oct 16	21:33:43	1.0514	22.9° S	114.1° W	75.2°	04m27s
1041	05195	0172 Apr 11	01:44:29	0.9506	15.8° S	162.0° W	65.2°	06m07s
1042	05196	0172 Oct 05	12:31:27	1.0204	20.6° N	34.7° E	63.5°	01m56s
1043	05199	0174 Feb 19	09:23:59	1.0472	41.4° N	63.4° E	34.8°	03m43s
1044	05200	0174 Aug 15	08:08:21	0.9277	58.7° S	70.7° E	13.8°	06m42s
1045	05201	0175 Feb 09	01:39:26	1.0495	8.0° S	165.3° W	82.7°	04m41s
1046	05202	0175 Aug 04	09:44:59	0.9684	6.2° N	69.4° E	78.0°	03m59s
1047	05203	0176 Jan 29	15:13:49	0.9978	54.1° S	2.3° E	53.4°	00m11s
1048	05204	0176 Jul 23	18:09:39	1.0228	54.2° N	48.8° W	56.0°	01m48s
1049	05208	0177 Dec 08	03:09:25	0.9093	60.5° N	167.5° W	4.3°	08m28s
1050	05209	0178 Jun 03	18:57:36	1.0540	8.6° S	61.9° W	58.2°	05m13s
1051	05210	0178 Nov 27	05:53:56	0.9635	5.9° S	130.5° E	74.0°	04m18s
1052	05212	0179 Nov 16	15:59:19	1.0180	42.3° S	37.6° W	64.7°	01m27s
1053	05216	0181 Sep 26	10:54:43	0.9978	55.1° N	104.4° E	19.0°	00m09s
1054	05218	0182 Sep 15	18:45:44	0.9574	15.6° N	59.1° W	76.0°	04m27s

TABLE

Total Solar Eclipses Around the World - Page 32
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1055	05219	0183 Mar 11	17:57:10	1.0523	20.9° N	64.2° W	61.4°	04m14s
1056	05220	0183 Sep 04	20:00:32	0.9315	18.2° S	98.2° W	60.5°	07m51s
1057	05224	0185 Jan 19	12:46:54	0.9752	69.3° S	73.9° E	34.0°	01m42s
1058	05225	0185 Jul 14	17:18:39	1.0362	70.2° N	7.9° W	37.7°	02m17s
1059	05226	0186 Jan 08	17:26:06	0.9321	30.3° S	40.2° W	81.9°	08m01s
1060	05227	0186 Jul 04	09:18:54	1.0787	25.0° N	77.0° E	88.3°	06m47s
1061	05228	0186 Dec 28	16:44:33	0.9173	9.6° N	38.1° W	56.6°	11m49s
1062	05229	0187 Jun 24	02:20:57	1.0595	22.2° S	176.2° E	43.9°	05m31s
1063	05233	0188 Nov 06	14:37:31	1.0212	78.4° S	80.9° W	19.0°	01m13s
1064	05234	0189 May 03	07:50:35	0.9478	39.5° N	90.5° E	65.1°	05m43s
1065	05235	0189 Oct 27	06:15:28	1.0486	27.7° S	114.7° E	74.6°	04m10s
1066	05236	0190 Apr 22	08:26:19	0.9551	7.7° S	94.0° E	69.9°	05m44s
1067	05240	0192 Mar 01	17:37:08	1.0507	47.8° N	66.2° W	31.4°	03m44s
1068	05242	0193 Feb 19	10:00:11	1.0509	2.8° S	67.9° E	81.1°	04m47s
1069	05243	0193 Aug 14	16:50:56	0.9683	0.4° S	39.4° W	74.4°	03m56s
1070	05244	0194 Feb 08	23:26:02	0.9977	49.0° S	119.9° W	54.8°	00m12s
1071	05245	0194 Aug 04	01:36:08	1.0245	47.0° N	159.9° W	60.3°	02m02s
1072	05249	0195 Dec 19	11:13:25	0.9519	65.4° N	64.8° E	0.0°	00m00s
1073	05250	0196 Jun 14	02:14:22	1.0498	13.3° S	172.8° W	52.8°	04m54s
1074	05251	0196 Dec 07	14:19:38	0.9662	7.2° S	3.3° E	73.9°	04m02s
1075	05252	0197 Jun 03	13:56:11	0.9981	31.9° N	2.7° E	80.1°	00m11s
1076	05253	0197 Nov 27	00:44:28	1.0198	45.2° S	167.0° W	64.9°	01m35s
1077	05254	0198 May 23	18:24:58	0.9440	71.7° N	172.1° W	13.4°	03m34s
1078	05257	0199 Oct 07	19:06:10	0.9905	55.8° N	17.8° W	13.9°	00m40s
1079	05259	0200 Sep 26	02:23:46	0.9517	13.0° N	174.1° W	73.9°	05m08s
1080	05260	0201 Mar 22	01:51:41	1.0578	22.3° N	176.7° E	64.5°	04m35s
1081	05261	0201 Sep 15	03:14:40	0.9286	19.6° S	152.6° E	63.4°	08m01s
1082	05265	0203 Jan 30	20:59:58	0.9742	66.0° S	45.4° W	32.0°	01m47s
1083	05266	0203 Jul 26	00:44:37	1.0355	70.3° N	102.6° W	31.3°	02m09s
1084	05267	0204 Jan 20	01:22:31	0.9324	29.0° S	158.2° W	81.1°	07m51s
1085	05268	0204 Jul 14	16:51:47	1.0774	27.6° N	35.2° W	84.3°	06m27s
1086	05269	0205 Jan 08	00:40:31	0.9196	9.4° N	159.0° W	57.3°	11m09s
1087	05270	0205 Jul 04	09:44:16	1.0570	16.7° S	62.7° E	49.5°	05m23s
1088	05274	0206 Nov 17	23:23:19	1.0218	82.0° S	128.4° E	18.6°	01m12s

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Total Solar Eclipses Around the World - Page 33
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1089	05275	0207 May 14	14:17:53	0.9476	48.1° N	7.7° W	59.7°	05m22s
1090	05276	0207 Nov 07	15:01:09	1.0460	31.9° S	16.8° W	74.1°	03m55s
1091	05277	0208 May 02	15:03:13	0.9593	0.4° N	8.4° W	74.8°	05m17s
1092	05281	0210 Mar 13	01:40:48	1.0536	55.5° N	164.2° E	26.6°	03m38s
1093	05283	0211 Mar 02	18:11:38	1.0521	3.1° N	57.1° W	79.0°	04m51s
1094	05284	0211 Aug 26	00:06:18	0.9679	7.0° S	150.9° W	71.1°	03m51s
1095	05285	0212 Feb 20	07:28:52	0.9979	43.2° S	118.6° E	56.7°	00m11s
1096	05286	0212 Aug 14	09:10:09	1.0255	39.9° N	85.7° E	64.1°	02m12s
1097	05290	0213 Dec 29	19:16:25	0.9436	66.5° N	67.0° W	0.0°	00m00s
1098	05291	0214 Jun 25	09:30:41	1.0448	19.2° S	75.6° E	47.0°	04m23s
1099	05292	0214 Dec 18	22:46:04	0.9696	7.6° S	124.0° W	73.8°	03m41s
1100	05293	0215 Jun 14	20:45:22	0.9946	28.5° N	98.1° W	84.9°	00m34s
1101	05294	0215 Dec 08	09:31:55	1.0220	47.3° S	64.0° E	65.0°	01m46s
1102	05295	0216 Jun 03	00:48:22	0.9464	76.5° N	137.3° E	27.5°	03m48s
1103	05298	0217 Oct 18	03:23:22	0.9833	57.9° N	140.4° W	7.7°	01m10s
1104	05299	0218 Apr 12	19:22:42	1.0195	11.2° S	65.2° W	67.8°	01m49s
1105	05300	0218 Oct 07	10:08:56	0.9465	10.2° N	68.7° E	72.3°	05m51s
1106	05301	0219 Apr 02	09:40:55	1.0630	23.7° N	59.3° E	67.9°	04m56s
1107	05302	0219 Sep 26	10:36:54	0.9259	21.7° S	41.4° E	65.9°	08m13s
1108	05306	0221 Feb 10	05:02:06	0.9731	63.2° S	162.7° W	28.9°	01m52s
1109	05307	0221 Aug 05	08:18:57	1.0339	68.8° N	159.0° E	24.2°	01m58s
1110	05308	0222 Jan 30	09:09:29	0.9331	27.3° S	86.0° E	79.8°	07m37s
1111	05309	0222 Jul 26	00:30:26	1.0754	29.0° N	148.5° W	80.6°	06m06s
1112	05310	0223 Jan 19	08:29:58	0.9226	9.6° N	81.8° E	58.5°	10m21s
1113	05311	0223 Jul 15	17:10:13	1.0536	12.5° S	50.7° W	54.5°	05m05s
1114	05315	0224 Nov 28	08:13:29	1.0230	85.1° S	35.1° W	18.7°	01m15s
1115	05316	0225 May 24	20:39:31	0.9468	56.8° N	103.0° W	53.6°	05m02s
1116	05317	0225 Nov 17	23:51:08	1.0440	35.4° S	148.6° W	73.8°	03m43s
1117	05318	0226 May 13	21:37:07	0.9631	8.1° N	109.4° W	79.7°	04m47s
1118	05322	0228 Mar 23	09:38:46	1.0557	64.0° N	30.3° E	20.0°	03m27s
1119	05324	0229 Mar 13	02:14:35	1.0532	9.6° N	179.6° E	76.6°	04m52s
1120	05325	0229 Sep 05	07:32:08	0.9676	13.6° S	94.8° E	68.2°	03m46s
1121	05326	0230 Mar 02	15:22:39	0.9980	36.8° S	1.8° W	58.9°	00m11s
1122	05327	0230 Aug 25	16:53:17	1.0261	32.9° N	31.6° W	67.4°	02m20s

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Total Solar Eclipses Around the World - Page 34
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1123	05331	0232 Jan 10	03:14:59	0.9292	67.6° N	161.8° E	0.0°	00m00s
1124	05332	0232 Jul 05	16:47:56	1.0389	26.1° S	37.0° W	40.8°	03m44s
1125	05333	0232 Dec 29	07:10:36	0.9736	7.0° S	109.1° E	73.6°	03m12s
1126	05334	0233 Jun 25	03:34:11	0.9905	24.1° N	160.5° E	89.5°	01m04s
1127	05335	0233 Dec 18	18:17:54	1.0249	48.2° S	64.0° W	65.2°	02m00s
1128	05336	0234 Jun 14	07:11:48	0.9469	74.4° N	76.6° E	36.8°	04m05s
1129	05340	0235 Oct 29	11:46:24	0.9781	61.6° N	98.0° E	0.0°	00m00s
1130	05341	0236 Apr 23	02:40:05	1.0248	11.5° S	175.0° W	63.6°	02m20s
1131	05342	0236 Oct 17	18:01:50	0.9417	7.4° N	50.6° W	71.0°	06m37s
1132	05343	0237 Apr 12	17:21:56	1.0677	24.8° N	55.4° W	71.6°	05m18s
1133	05344	0237 Oct 06	18:09:22	0.9234	24.5° S	72.3° W	67.7°	08m25s
1134	05347	0239 Feb 21	12:56:11	0.9719	61.1° S	81.9° E	24.7°	01m57s
1135	05348	0239 Aug 16	16:00:15	1.0313	66.4° N	58.8° E	15.5°	01m45s
1136	05349	0240 Feb 10	16:48:43	0.9342	25.2° S	28.2° W	78.2°	07m21s
1137	05350	0240 Aug 05	08:13:15	1.0728	29.4° N	97.2° E	77.0°	05m45s
1138	05351	0241 Jan 29	16:13:53	0.9261	10.2° N	35.8° W	59.9°	09m27s
1139	05352	0241 Jul 26	00:40:00	1.0495	9.7° S	164.5° W	58.9°	04m40s
1140	05356	0242 Dec 09	17:03:55	1.0246	85.7° S	134.1° E	18.8°	01m19s
1141	05357	0243 Jun 05	03:00:14	0.9456	65.4° N	164.8° E	47.1°	04m45s
1142	05358	0243 Nov 29	08:42:30	1.0424	37.9° S	80.1° E	73.7°	03m33s
1143	05359	0244 May 24	04:09:35	0.9665	15.4° N	150.6° E	84.7°	04m16s
1144	05363	0246 Apr 03	17:28:38	1.0553	72.5° N	129.1° W	7.4°	02m59s
1145	05365	0247 Mar 24	10:08:36	1.0538	16.6° N	58.4° E	73.7°	04m50s
1146	05366	0247 Sep 16	15:08:27	0.9671	20.0° S	22.1° W	65.8°	03m40s
1147	05367	0248 Mar 12	23:05:01	0.9982	29.9° S	120.1° W	61.7°	00m10s
1148	05368	0248 Sep 05	00:45:17	1.0263	26.1° N	151.6° W	70.1°	02m25s
1149	05373	0250 Jul 17	00:07:55	1.0322	34.2° S	151.5° W	34.0°	02m57s
1150	05374	0251 Jan 09	15:33:30	0.9781	5.5° S	17.4° W	73.2°	02m38s
1151	05375	0251 Jul 06	10:22:43	0.9859	19.0° N	58.3° E	85.9°	01m40s
1152	05376	0251 Dec 30	03:03:44	1.0281	48.0° S	168.3° E	65.4°	02m16s
1153	05377	0252 Jun 24	13:35:01	0.9466	68.9° N	0.1° W	44.4°	04m27s
1154	05382	0254 May 04	09:55:34	1.0294	12.7° S	75.5° E	59.1°	02m49s
1155	05383	0254 Oct 29	01:58:53	0.9374	4.7° N	171.1° W	70.0°	07m23s
1156	05384	0255 Apr 24	00:59:20	1.0718	25.5° N	169.0° W	75.4°	05m39s

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Total Solar Eclipses Around the World - Page 35
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1157	05385	0255 Oct 18	01:49:03	0.9214	27.7° S	172.5° E	69.2°	08m37s
1158	05386	0256 Apr 12	18:02:10	1.0522	62.9° N	139.0° W	11.4°	02m50s
1159	05388	0257 Mar 03	20:38:34	0.9702	60.2° S	27.9° W	18.1°	02m03s
1160	05390	0258 Feb 21	00:16:25	0.9355	23.2° S	139.8° W	76.0°	07m06s
1161	05391	0258 Aug 16	16:04:16	1.0696	28.7° N	19.4° W	73.8°	05m25s
1162	05392	0259 Feb 09	23:49:56	0.9302	11.1° N	151.2° W	61.8°	08m33s
1163	05393	0259 Aug 06	08:13:39	1.0447	8.0° S	81.0° E	62.8°	04m09s
1164	05397	0260 Dec 20	01:54:30	1.0267	83.2° S	39.8° W	18.8°	01m25s
1165	05398	0261 Jun 15	09:19:24	0.9436	73.7° N	79.7° E	39.6°	04m31s
1166	05399	0261 Dec 09	17:35:29	1.0413	39.5° S	51.1° W	73.6°	03m26s
1167	05400	0262 Jun 04	10:42:17	0.9694	22.1° N	51.4° E	89.6°	03m45s
1168	05401	0262 Nov 29	07:13:23	0.9984	2.5° N	104.6° E	65.8°	00m11s
1169	05402	0263 May 24	18:08:00	1.0151	30.1° S	55.0° W	38.9°	01m30s
1170	05407	0265 Apr 03	17:54:54	1.0540	24.1° N	61.0° W	70.3°	04m44s
1171	05408	0265 Sep 26	22:54:42	0.9669	26.2° S	141.2° W	63.8°	03m32s
1172	05409	0266 Mar 24	06:38:31	0.9982	22.7° S	123.4° E	64.9°	00m11s
1173	05410	0266 Sep 16	08:47:23	1.0264	19.7° N	85.7° E	72.4°	02m29s
1174	05412	0267 Sep 06	00:08:11	1.0472	73.1° N	62.9° W	7.7°	02m32s
1175	05414	0268 Jul 27	07:31:46	1.0247	43.5° S	91.3° E	26.3°	02m07s
1176	05415	0269 Jan 19	23:50:15	0.9831	2.9° S	142.8° W	72.5°	01m59s
1177	05416	0269 Jul 16	17:14:24	0.9808	13.2° N	45.5° W	81.5°	02m21s
1178	05417	0270 Jan 09	11:45:03	1.0320	46.3° S	41.2° E	65.9°	02m35s
1179	05418	0270 Jul 05	20:00:46	0.9456	62.2° N	87.5° W	50.9°	04m54s
1180	05423	0272 May 14	17:06:05	1.0334	15.2° S	33.0° W	54.0°	03m13s
1181	05424	0272 Nov 08	10:02:12	0.9337	2.2° N	66.8° E	69.3°	08m10s
1182	05425	0273 May 04	08:30:52	1.0753	25.5° N	79.3° E	79.5°	06m02s
1183	05426	0273 Oct 28	09:36:39	0.9197	31.0° S	55.6° E	70.2°	08m49s
1184	05427	0274 Apr 24	01:38:24	1.0564	63.5° N	124.8° E	23.3°	03m14s
1185	05428	0274 Oct 17	10:32:32	0.9444	61.1° S	55.7° W	0.0°	00m00s
1186	05429	0275 Mar 15	04:12:26	0.9661	61.0° S	120.4° W	3.4°	02m10s
1187	05431	0276 Mar 03	07:36:11	0.9370	21.2° S	110.5° E	73.5°	06m53s
1188	05432	0276 Aug 27	00:01:24	1.0660	27.3° N	137.9° W	70.9°	05m06s
1189	05433	0277 Feb 20	07:17:51	0.9346	12.3° N	95.7° E	64.1°	07m40s
1190	05434	0277 Aug 16	15:53:34	1.0395	7.6° S	34.9° W	66.3°	03m37s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1191	05437	0278 Dec 31	10:41:52	1.0290	79.4° S	170.8° E	18.2°	01m32s
1192	05438	0279 Jun 26	15:41:17	0.9411	80.3° N	15.7° E	31.1°	04m20s
1193	05439	0279 Dec 21	02:26:27	1.0406	40.1° S	178.6° E	73.5°	03m21s
1194	05440	0280 Jun 14	17:15:49	0.9718	28.0° N	47.0° W	85.5°	03m18s
1195	05441	0280 Dec 09	15:51:37	0.9955	1.1° N	26.3° W	65.8°	00m30s
1196	05442	0281 Jun 04	01:11:00	1.0205	21.7° S	165.1° W	45.8°	02m08s
1197	05447	0283 Apr 15	01:32:54	1.0537	31.8° N	178.3° W	66.5°	04m32s
1198	05448	0283 Oct 08	06:51:00	0.9669	32.1° S	97.6° E	62.3°	03m24s
1199	05449	0284 Apr 03	14:01:36	0.9980	15.2° S	9.3° E	68.4°	00m13s
1200	05450	0284 Sep 26	16:58:52	1.0263	13.6° N	39.4° W	74.2°	02m31s
1201	05452	0285 Sep 16	08:21:02	1.0475	67.4° N	135.4° E	17.1°	02m51s
1202	05454	0286 Aug 07	14:59:28	1.0161	55.1° S	30.7° W	16.3°	01m15s
1203	05455	0287 Jan 31	08:03:05	0.9886	0.7° N	92.6° E	71.6°	01m18s
1204	05456	0287 Jul 28	00:08:38	0.9754	6.9° N	150.7° W	77.2°	03m04s
1205	05457	0288 Jan 20	20:22:45	1.0362	43.4° S	85.8° W	66.6°	02m57s
1206	05458	0288 Jul 16	02:29:07	0.9441	54.9° N	179.3° E	56.7°	05m26s
1207	05463	0290 May 26	00:17:58	1.0366	18.8° S	142.4° W	48.6°	03m32s
1208	05464	0290 Nov 19	18:07:55	0.9307	0.3° N	55.8° W	68.8°	08m56s
1209	05465	0291 May 15	16:00:04	1.0781	24.7° N	31.8° W	83.7°	06m24s
1210	05466	0291 Nov 08	17:29:47	0.9186	34.2° S	62.2° W	71.0°	09m00s
1211	05467	0292 May 04	09:08:37	1.0586	63.9° N	24.2° E	31.5°	03m29s
1212	05468	0292 Oct 27	18:36:49	0.9382	63.6° S	177.0° W	4.8°	03m50s
1213	05471	0294 Mar 14	14:44:43	0.9385	19.5° S	3.5° E	70.4°	06m43s
1214	05472	0294 Sep 07	08:06:29	1.0621	25.2° N	101.0° E	68.3°	04m48s
1215	05473	0295 Mar 03	14:37:14	0.9393	13.5° N	14.9° W	66.8°	06m51s
1216	05474	0295 Aug 27	23:39:35	1.0338	8.2° S	152.1° W	69.3°	03m03s
1217	05477	0297 Jan 10	19:26:43	1.0317	75.5° S	30.2° E	17.1°	01m40s
1218	05478	0297 Jul 06	22:05:39	0.9373	78.8° N	15.1° W	19.8°	04m12s
1219	05479	0297 Dec 31	11:15:04	1.0404	39.7° S	48.9° E	73.2°	03m19s
1220	05480	0298 Jun 25	23:53:31	0.9737	32.9° N	145.4° W	80.6°	02m55s
1221	05481	0298 Dec 21	00:29:21	0.9932	0.5° N	157.1° W	65.8°	00m46s
1222	05482	0299 Jun 15	08:15:24	1.0251	14.6° S	85.6° E	51.9°	02m40s
1223	05487	0301 Apr 25	09:04:15	1.0526	39.8° N	66.3° E	62.3°	04m16s
1224	05488	0301 Oct 18	14:56:19	0.9672	37.5° S	25.1° W	61.2°	03m15s

TABLE

Total Solar Eclipses Around the World - Page 37
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1225	05489	0302 Apr 14	21:16:59	0.9974	7.6° S	102.8° W	72.2°	00m17s
1226	05490	0302 Oct 08	01:17:57	1.0263	7.9° N	166.3° W	75.6°	02m34s
1227	05492	0303 Sep 27	16:41:24	1.0463	60.6° N	5.2° W	22.0°	03m00s
1228	05495	0305 Feb 10	16:07:59	0.9944	5.2° N	30.6° W	70.1°	00m37s
1229	05496	0305 Aug 07	07:08:56	0.9697	0.2° N	102.0° E	73.2°	03m48s
1230	05497	0306 Jan 31	04:53:16	1.0408	39.3° S	147.7° E	67.7°	03m23s
1231	05498	0306 Jul 27	09:03:59	0.9422	47.5° N	81.8° E	61.8°	06m03s
1232	05502	0308 Jun 05	07:28:21	1.0389	23.7° S	108.1° E	42.6°	03m42s
1233	05503	0308 Nov 30	02:16:27	0.9284	1.1° S	179.1° W	68.5°	09m37s
1234	05504	0309 May 25	23:26:08	1.0799	23.1° N	142.3° W	88.0°	06m45s
1235	05505	0309 Nov 19	01:28:42	0.9181	37.1° S	179.1° E	71.5°	09m08s
1236	05506	0310 May 15	16:34:57	1.0596	63.9° N	76.4° W	38.4°	03m41s
1237	05507	0310 Nov 08	02:47:32	0.9405	67.3° S	62.6° E	10.4°	03m43s
1238	05510	0312 Mar 24	21:43:57	0.9401	18.4° S	101.3° W	66.7°	06m36s
1239	05511	0312 Sep 17	16:18:56	1.0581	22.8° N	22.5° W	66.1°	04m33s
1240	05512	0313 Mar 13	21:48:58	0.9442	14.9° N	123.3° W	69.9°	06m08s
1241	05513	0313 Sep 07	07:32:57	1.0280	9.8° S	88.7° E	71.8°	02m30s
1242	05516	0315 Jan 22	04:06:13	1.0344	71.5° S	104.1° W	14.9°	01m48s
1243	05518	0316 Jan 11	19:59:24	1.0406	38.5° S	80.1° W	72.7°	03m18s
1244	05519	0316 Jul 06	06:35:51	0.9750	36.7° N	115.9° E	75.9°	02m37s
1245	05520	0316 Dec 31	09:02:13	0.9915	0.4° N	73.3° E	66.0°	00m58s
1246	05521	0317 Jun 25	15:23:13	1.0288	8.7° S	23.8° W	57.5°	03m04s
1247	05526	0319 May 06	16:29:08	1.0508	48.0° N	46.8° W	57.6°	03m56s
1248	05527	0319 Oct 29	23:10:06	0.9679	42.3° S	149.0° W	60.5°	03m04s
1249	05528	0320 Apr 25	04:21:58	0.9965	0.0° N	147.9° E	76.4°	00m24s
1250	05529	0320 Oct 18	09:46:09	1.0263	2.9° N	64.8° E	76.6°	02m36s
1251	05531	0321 Oct 08	01:09:39	1.0445	54.6° N	141.7° W	25.2°	03m05s
1252	05535	0323 Aug 18	14:13:22	0.9638	6.7° S	6.8° W	69.3°	04m29s
1253	05536	0324 Feb 11	13:18:54	1.0457	34.3° S	21.2° E	69.1°	03m50s
1254	05537	0324 Aug 06	15:44:50	0.9399	39.9° N	18.8° W	66.4°	06m42s
1255	05541	0326 Jun 16	14:42:01	1.0403	30.0° S	3.0° W	36.0°	03m43s
1256	05542	0326 Dec 11	10:23:27	0.9267	1.7° S	58.0° E	68.1°	10m11s
1257	05543	0327 Jun 06	06:52:21	1.0810	20.5° N	106.9° E	87.8°	07m03s
1258	05544	0327 Nov 30	09:29:55	0.9183	39.3° S	60.5° E	72.0°	09m12s

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Total Solar Eclipses Around the World - Page 38
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1259	05545	0328 May 25	23:56:30	1.0596	63.0° N	175.9° W	44.7°	03m50s
1260	05546	0328 Nov 18	11:04:09	0.9426	70.6° S	66.0° W	12.9°	03m33s
1261	05550	0330 Apr 05	04:33:27	0.9413	18.1° S	156.3° E	62.5°	06m34s
1262	05551	0330 Sep 29	00:40:17	1.0540	20.0° N	148.8° W	64.3°	04m19s
1263	05552	0331 Mar 25	04:52:12	0.9493	16.1° N	130.8° E	73.4°	05m28s
1264	05553	0331 Sep 18	15:33:09	1.0221	12.1° S	32.1° W	73.9°	01m58s
1265	05554	0332 Mar 13	10:01:57	0.9779	60.7° N	22.5° W	0.0°	00m00s
1266	05556	0333 Feb 01	12:39:53	1.0368	67.6° S	127.7° E	10.8°	01m54s
1267	05558	0334 Jan 22	04:39:12	1.0410	36.5° S	151.7° E	72.0°	03m19s
1268	05559	0334 Jul 17	13:23:32	0.9759	39.4° N	16.7° E	71.3°	02m23s
1269	05560	0335 Jan 11	17:31:30	0.9901	1.1° N	55.3° W	66.4°	01m05s
1270	05561	0335 Jul 06	22:34:59	1.0319	4.0° S	133.3° W	62.5°	03m20s
1271	05566	0337 May 16	23:50:04	1.0481	56.2° N	157.8° W	52.5°	03m31s
1272	05567	0337 Nov 09	07:29:17	0.9691	46.6° S	87.0° E	60.0°	02m52s
1273	05568	0338 May 06	11:22:03	0.9949	7.4° N	40.2° E	80.7°	00m35s
1274	05569	0338 Oct 29	18:20:54	1.0266	1.6° S	65.5° W	77.4°	02m39s
1275	05570	0339 Apr 25	15:35:16	0.9409	57.0° S	0.8° E	16.8°	05m24s
1276	05571	0339 Oct 19	09:44:42	1.0426	49.5° N	82.6° E	27.3°	03m07s
1277	05575	0341 Aug 28	21:26:32	0.9579	13.5° S	118.1° W	65.9°	05m06s
1278	05576	0342 Feb 21	21:36:39	1.0507	28.6° S	104.3° W	70.8°	04m20s
1279	05577	0342 Aug 17	22:33:14	0.9374	32.4° N	122.3° W	70.5°	07m21s
1280	05581	0344 Jun 26	21:56:50	1.0405	38.3° S	115.5° W	28.1°	03m32s
1281	05582	0344 Dec 21	18:30:19	0.9257	1.5° S	64.8° W	67.8°	10m34s
1282	05583	0345 Jun 16	14:18:48	1.0811	17.0° N	4.5° W	83.4°	07m17s
1283	05584	0345 Dec 10	17:32:54	0.9191	40.6° S	57.9° W	72.3°	09m13s
1284	05585	0346 Jun 06	07:17:19	1.0586	60.9° N	83.5° E	50.3°	03m58s
1285	05586	0346 Nov 29	19:25:12	0.9449	74.1° S	160.6° E	14.3°	03m23s
1286	05590	0348 Apr 15	11:15:44	0.9424	18.8° S	55.6° E	57.7°	06m35s
1287	05591	0348 Oct 09	09:08:38	1.0501	17.2° N	82.8° E	62.9°	04m07s
1288	05592	0349 Apr 04	11:48:32	0.9542	17.0° N	27.0° E	77.3°	04m54s
1289	05594	0350 Mar 24	17:33:04	0.9890	57.3° N	110.8° W	17.6°	00m45s
1290	05595	0350 Sep 18	08:30:51	0.9493	60.8° S	6.0° W	0.0°	00m00s
1291	05596	0351 Feb 12	21:06:45	1.0102	61.7° S	13.6° E	0.0°	00m00s
1292	05598	0352 Feb 02	13:10:52	1.0417	34.2° S	24.9° E	70.9°	03m21s

TABLE

Total Solar Eclipses Around the World - Page 39
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1293	05599	0352 Jul 27	20:18:57	0.9763	40.7° N	84.2° W	67.0°	02m15s
1294	05600	0353 Jan 22	01:53:03	0.9893	2.1° N	178.0° E	67.1°	01m09s
1295	05601	0353 Jul 17	05:53:15	1.0341	0.6° S	116.0° E	67.1°	03m27s
1296	05606	0355 May 28	07:05:38	1.0446	64.6° N	94.5° E	46.7°	03m04s
1297	05607	0355 Nov 20	15:55:14	0.9708	49.9° S	37.4° W	59.9°	02m38s
1298	05608	0356 May 16	18:14:27	0.9929	14.7° N	65.0° W	85.3°	00m49s
1299	05609	0356 Nov 09	03:02:18	1.0272	5.3° S	162.9° E	77.8°	02m44s
1300	05610	0357 May 05	22:07:36	0.9440	43.6° S	109.9° W	28.5°	05m58s
1301	05611	0357 Oct 29	18:26:42	1.0406	45.3° N	53.7° W	28.7°	03m07s
1302	05615	0359 Sep 09	04:45:34	0.9520	20.4° S	128.9° E	62.8°	05m38s
1303	05616	0360 Mar 04	05:47:15	1.0557	22.4° S	131.2° E	73.0°	04m50s
1304	05617	0360 Aug 28	05:30:14	0.9348	25.1° N	131.5° E	74.0°	07m59s
1305	05618	0361 Feb 21	22:12:14	1.0394	74.3° S	26.7° W	8.9°	02m07s
1306	05619	0361 Aug 17	06:38:48	0.9481	73.8° N	128.0° W	4.7°	03m12s
1307	05621	0362 Jul 08	05:17:57	1.0393	49.2° S	128.7° E	18.0°	03m07s
1308	05622	0363 Jan 02	02:32:58	0.9254	0.3° S	173.3° E	67.2°	10m44s
1309	05623	0363 Jun 27	21:46:29	1.0804	12.7° N	116.8° W	79.1°	07m24s
1310	05624	0363 Dec 22	01:35:17	0.9206	40.8° S	175.9° W	72.7°	09m08s
1311	05625	0364 Jun 16	14:36:12	1.0566	57.4° N	18.6° W	55.6°	04m02s
1312	05626	0364 Dec 10	03:47:33	0.9479	77.7° S	24.3° E	15.5°	03m11s
1313	05630	0366 Apr 26	17:50:18	0.9430	20.6° S	43.3° W	52.2°	06m38s
1314	05631	0366 Oct 20	17:43:30	1.0464	14.4° N	47.5° W	61.8°	03m56s
1315	05632	0367 Apr 15	18:38:26	0.9590	17.5° N	74.9° W	81.4°	04m24s
1316	05634	0368 Apr 04	00:56:17	0.9977	55.8° N	146.6° E	26.8°	00m10s
1317	05635	0368 Sep 28	16:13:03	0.9459	60.2° S	110.3° W	10.1°	03m47s
1318	05638	0370 Feb 12	21:36:02	1.0425	31.6° S	100.7° W	69.5°	03m23s
1319	05639	0370 Aug 08	03:22:48	0.9765	41.0° N	172.6° E	62.8°	02m09s
1320	05640	0371 Feb 02	10:08:42	0.9889	3.7° N	52.8° E	68.0°	01m10s
1321	05641	0371 Jul 28	13:16:47	1.0357	1.6° N	4.5° E	71.3°	03m30s
1322	05646	0373 Jun 07	14:20:16	1.0401	72.7° N	8.0° W	40.2°	02m36s
1323	05647	0373 Dec 01	00:23:43	0.9732	52.3° S	161.1° W	59.8°	02m22s
1324	05648	0374 May 28	01:04:03	0.9903	21.4° N	168.7° W	89.9°	01m06s
1325	05649	0374 Nov 20	11:46:54	1.0283	8.3° S	30.8° E	78.1°	02m51s
1326	05650	0375 May 17	04:35:36	0.9459	32.9° S	146.0° E	37.3°	06m26s

TABLE

Total Solar Eclipses Around the World - Page 40
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1327	05651	0375 Nov 10	03:13:23	1.0388	42.0° N	169.5° E	29.5°	03m07s
1328	05655	0377 Mar 25	23:22:23	1.0184	30.4° N	150.6° W	60.3°	01m41s
1329	05656	0377 Sep 19	12:13:48	0.9464	27.1° S	13.8° E	60.1°	06m05s
1330	05657	0378 Mar 15	13:50:01	1.0606	15.6° S	8.1° E	75.5°	05m21s
1331	05658	0378 Sep 08	12:37:19	0.9322	18.0° N	22.5° E	77.1°	08m35s
1332	05659	0379 Mar 05	06:24:24	1.0438	69.7° S	170.8° E	17.1°	02m35s
1333	05660	0379 Aug 28	13:51:24	0.9517	71.7° N	55.2° E	20.0°	03m28s
1334	05663	0381 Jan 12	10:30:55	0.9256	1.9° N	52.3° E	66.5°	10m40s
1335	05664	0381 Jul 08	05:17:09	1.0788	7.6° N	129.4° E	74.9°	07m22s
1336	05665	0382 Jan 01	09:36:33	0.9228	39.9° S	66.2° E	73.2°	08m59s
1337	05666	0382 Jun 27	21:55:37	1.0538	52.9° N	123.1° W	60.5°	04m03s
1338	05667	0382 Dec 21	12:10:55	0.9513	81.4° S	117.6° W	16.6°	02m58s
1339	05671	0384 May 07	00:18:55	0.9432	24.0° S	140.9° W	45.9°	06m42s
1340	05672	0384 Oct 31	02:24:17	1.0431	11.9° N	179.4° W	61.0°	03m47s
1341	05673	0385 Apr 26	01:24:13	0.9636	17.5° N	175.6° W	85.7°	03m59s
1342	05676	0386 Oct 10	00:02:21	0.9422	60.9° S	135.8° E	16.1°	04m06s
1343	05680	0388 Feb 24	05:52:00	1.0432	29.0° S	135.6° E	67.6°	03m27s
1344	05681	0388 Aug 18	10:36:49	0.9763	40.3° N	66.3° E	59.0°	02m08s
1345	05682	0389 Feb 12	18:13:26	0.9887	5.3° N	69.6° W	69.5°	01m10s
1346	05683	0389 Aug 07	20:49:26	1.0366	2.6° N	109.1° W	75.0°	03m28s
1347	05685	0390 Jul 28	12:35:00	1.0595	52.8° S	12.4° W	12.6°	04m06s
1348	05687	0391 Jun 18	21:32:22	1.0346	80.3° N	94.3° W	32.6°	02m06s
1349	05688	0391 Dec 12	08:55:08	0.9761	53.5° S	75.4° E	59.8°	02m04s
1350	05689	0392 Jun 07	07:48:24	0.9872	27.7° N	89.8° E	85.2°	01m26s
1351	05690	0392 Nov 30	20:35:47	1.0298	10.4° S	102.1° W	78.2°	03m00s
1352	05691	0393 May 27	11:00:05	0.9471	23.6° S	44.9° E	44.8°	06m50s
1353	05692	0393 Nov 20	12:03:39	1.0373	39.4° N	32.1° E	29.9°	03m05s
1354	05696	0395 Apr 06	06:55:08	1.0240	38.1° N	92.8° E	56.6°	02m04s
1355	05697	0395 Sep 30	19:48:39	0.9411	33.6° S	102.8° W	57.8°	06m27s
1356	05698	0396 Mar 25	21:46:08	1.0653	8.6° S	113.6° W	78.4°	05m50s
1357	05699	0396 Sep 18	19:53:40	0.9297	11.2° N	88.9° W	79.6°	09m07s
1358	05700	0397 Mar 15	14:27:52	1.0473	62.1° S	30.3° E	23.6°	03m02s
1359	05701	0397 Sep 07	21:15:23	0.9531	63.2° N	76.1° W	27.0°	03m43s
1360	05704	0399 Jan 23	18:21:42	0.9263	5.2° N	67.1° W	65.4°	10m25s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1361	05705	0399 Jul 19	12:51:41	1.0764	2.0° N	13.9° E	70.8°	07m11s
1362	05706	0400 Jan 12	17:32:37	0.9257	37.6° S	50.8° W	73.9°	08m44s
1363	05707	0400 Jul 08	05:16:04	1.0502	47.5° N	129.9° E	65.2°	04m00s
1364	05708	0400 Dec 31	20:32:08	0.9556	85.0° S	86.8° E	18.1°	02m44s
1365	05712	0402 May 18	06:43:34	0.9428	29.1° S	122.1° E	38.5°	06m44s
1366	05713	0402 Nov 11	11:10:32	1.0401	9.6° N	47.2° E	60.6°	03m39s
1367	05714	0403 May 07	08:04:37	0.9679	16.6° N	85.2° E	89.7°	03m36s
1368	05716	0404 Apr 25	15:29:35	1.0127	55.1° N	59.9° W	40.8°	00m55s
1369	05717	0404 Oct 20	07:58:52	0.9382	63.1° S	15.7° E	19.3°	04m23s
1370	05721	0406 Mar 06	14:00:59	1.0438	26.6° S	13.3° E	65.4°	03m31s
1371	05722	0406 Aug 29	17:59:08	0.9759	39.0° N	42.9° W	55.5°	02m08s
1372	05723	0407 Feb 24	02:11:01	0.9887	7.3° N	170.0° E	71.3°	01m08s
1373	05724	0407 Aug 19	04:29:24	1.0371	2.5° N	135.6° E	78.3°	03m24s
1374	05726	0408 Aug 07	20:19:36	1.0609	44.3° S	126.4° W	23.6°	04m26s
1375	05728	0409 Jun 29	04:46:23	1.0278	82.0° N	135.1° W	23.3°	01m35s
1376	05729	0409 Dec 22	17:24:51	0.9797	53.6° S	47.3° W	59.7°	01m44s
1377	05730	0410 Jun 18	14:33:19	0.9835	33.1° N	10.7° W	80.5°	01m47s
1378	05731	0410 Dec 12	05:25:03	1.0318	11.7° S	125.1° E	78.3°	03m11s
1379	05732	0411 Jun 07	17:21:39	0.9476	15.5° S	54.1° W	51.6°	07m08s
1380	05733	0411 Dec 01	20:56:26	1.0363	37.6° N	105.7° W	30.1°	03m04s
1381	05737	0413 Apr 16	14:20:56	1.0291	46.3° N	22.2° W	52.3°	02m20s
1382	05738	0413 Oct 11	03:32:32	0.9362	39.7° S	139.0° E	56.0°	06m44s
1383	05739	0414 Apr 06	05:35:10	1.0696	1.4° S	126.3° E	81.6°	06m16s
1384	05740	0414 Sep 30	03:19:02	0.9274	4.9° N	157.5° E	81.7°	09m35s
1385	05741	0415 Mar 26	22:23:20	1.0503	53.7° S	100.5° W	29.4°	03m31s
1386	05742	0415 Sep 19	04:49:16	0.9539	55.3° N	160.3° E	31.9°	03m58s
1387	05746	0417 Feb 03	02:05:28	0.9274	9.4° N	174.8° E	63.9°	09m59s
1388	05747	0417 Jul 29	20:31:08	1.0734	4.1° S	103.3° W	66.8°	06m50s
1389	05748	0418 Jan 23	01:24:23	0.9291	34.2° S	167.6° W	74.9°	08m26s
1390	05749	0418 Jul 19	12:39:47	1.0459	41.5° N	20.4° E	69.4°	03m52s
1391	05750	0419 Jan 12	04:51:32	0.9605	85.8° S	108.7° W	19.9°	02m29s
1392	05753	0420 May 28	13:05:35	0.9415	36.7° S	25.5° E	29.6°	06m38s
1393	05754	0420 Nov 21	19:59:16	1.0377	7.9° N	86.8° W	60.2°	03m33s
1394	05755	0421 May 17	14:44:02	0.9717	14.9° N	14.0° W	85.0°	03m17s

TABLE

Total Solar Eclipses Around the World - Page 42
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1395	05756	0421 Nov 11	09:13:49	0.9956	28.3° S	60.7° E	78.9°	00m25s
1396	05757	0422 May 06	22:41:20	1.0193	54.8° N	161.7° W	46.9°	01m25s
1397	05758	0422 Oct 31	16:00:07	0.9344	66.1° S	107.0° W	21.4°	04m37s
1398	05762	0424 Mar 16	21:58:57	1.0441	24.8° S	106.4° W	62.5°	03m34s
1399	05763	0424 Sep 09	01:33:22	0.9755	37.1° N	156.0° W	52.5°	02m10s
1400	05764	0425 Mar 06	09:57:04	0.9887	9.2° N	52.7° E	73.6°	01m07s
1401	05765	0425 Aug 29	12:19:01	1.0371	1.3° N	17.8° E	81.2°	03m19s
1402	05767	0426 Aug 19	04:11:14	1.0604	40.3° S	115.3° E	30.4°	04m27s
1403	05769	0427 Jul 10	11:59:29	1.0180	69.4° N	167.3° E	6.3°	00m55s
1404	05770	0428 Jan 03	01:54:51	0.9838	52.5° S	170.4° W	59.5°	01m22s
1405	05771	0428 Jun 28	21:16:15	0.9792	37.6° N	109.7° W	75.6°	02m10s
1406	05772	0428 Dec 22	14:14:19	1.0343	12.1° S	7.5° W	78.4°	03m22s
1407	05773	0429 Jun 17	23:43:27	0.9475	8.6° S	152.2° W	57.8°	07m19s
1408	05774	0429 Dec 12	05:50:23	1.0356	36.4° N	116.2° E	30.2°	03m02s
1409	05778	0431 Apr 27	21:43:54	1.0336	54.7° N	136.4° W	47.6°	02m31s
1410	05779	0431 Oct 22	11:22:11	0.9318	45.4° S	20.1° E	54.5°	06m58s
1411	05780	0432 Apr 16	13:17:57	1.0734	5.9° N	7.9° E	85.1°	06m37s
1412	05781	0432 Oct 10	10:53:48	0.9254	1.0° S	41.8° E	83.4°	10m00s
1413	05782	0433 Apr 06	06:11:16	1.0527	45.3° S	133.9° E	35.0°	03m59s
1414	05783	0433 Sep 29	12:33:08	0.9546	48.3° N	37.5° E	35.4°	04m11s
1415	05787	0435 Feb 14	09:39:34	0.9289	14.5° N	58.7° E	61.9°	09m26s
1416	05788	0435 Aug 10	04:16:06	1.0697	10.6° S	137.5° E	63.1°	06m22s
1417	05789	0436 Feb 03	09:08:51	0.9331	29.8° S	76.4° E	76.3°	08m03s
1418	05790	0436 Jul 29	20:07:35	1.0409	35.1° N	91.5° W	73.3°	03m37s
1419	05791	0437 Jan 22	13:04:52	0.9662	81.8° S	80.8° E	22.4°	02m11s
1420	05794	0438 Jun 08	19:25:47	0.9388	48.9° S	70.3° W	16.6°	06m17s
1421	05795	0438 Dec 03	04:50:38	1.0357	6.7° N	138.5° E	60.1°	03m27s
1422	05796	0439 May 28	21:21:24	0.9750	12.2° N	113.0° W	80.1°	02m59s
1423	05797	0439 Nov 22	17:48:16	0.9917	31.1° S	67.3° W	79.1°	00m48s
1424	05798	0440 May 17	05:49:32	1.0253	53.8° N	97.6° E	52.7°	01m54s
1425	05799	0440 Nov 11	00:07:01	0.9310	69.7° S	127.6° E	22.6°	04m49s
1426	05803	0442 Mar 28	05:50:14	1.0440	23.5° S	135.4° E	59.2°	03m37s
1427	05804	0442 Sep 20	09:16:50	0.9751	35.0° N	87.6° E	49.8°	02m14s
1428	05805	0443 Mar 17	17:33:56	0.9887	11.0° N	62.0° W	76.3°	01m06s

TABLE

Total Solar Eclipses Around the World - Page 43
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1429	05806	0443 Sep 09	20:16:39	1.0368	0.5° S	102.1° W	83.7°	03m14s
1430	05807	0444 Mar 05	21:53:09	0.9513	60.8° N	160.3° E	0.0°	00m00s
1431	05808	0444 Aug 29	12:10:31	1.0590	38.6° S	5.5° W	35.4°	04m19s
1432	05811	0446 Jan 13	10:20:25	0.9884	50.6° S	66.9° E	59.1°	00m58s
1433	05812	0446 Jul 10	04:00:55	0.9745	41.1° N	151.9° E	70.8°	02m32s
1434	05813	0447 Jan 02	23:00:54	1.0373	11.8° S	139.5° W	78.7°	03m35s
1435	05814	0447 Jun 29	06:05:57	0.9469	2.7° S	110.4° E	63.6°	07m23s
1436	05815	0447 Dec 23	14:42:21	1.0355	35.6° N	21.3° W	30.4°	03m02s
1437	05818	0449 May 08	05:02:39	1.0374	63.7° N	110.5° E	42.0°	02m35s
1438	05819	0449 Nov 01	19:17:57	0.9280	50.6° S	99.0° W	53.4°	07m09s
1439	05820	0450 Apr 27	20:55:28	1.0765	13.2° N	109.0° W	88.9°	06m50s
1440	05821	0450 Oct 21	18:37:15	0.9238	6.2° S	75.7° W	84.6°	10m20s
1441	05822	0451 Apr 17	13:50:39	1.0545	36.8° S	12.3° E	40.4°	04m27s
1442	05823	0451 Oct 10	20:27:02	0.9551	42.2° N	86.3° W	38.0°	04m24s
1443	05827	0453 Feb 24	17:04:40	0.9305	20.6° N	55.6° W	59.4°	08m48s
1444	05828	0453 Aug 20	12:07:55	1.0656	17.2° S	16.3° E	59.6°	05m50s
1445	05829	0454 Feb 13	16:47:54	0.9375	24.5° S	39.0° W	77.9°	07m36s
1446	05830	0454 Aug 10	03:39:07	1.0355	28.5° N	154.6° E	76.9°	03m17s
1447	05831	0455 Feb 02	21:14:29	0.9723	76.1° S	59.9° W	25.1°	01m52s
1448	05836	0456 Dec 13	13:41:28	1.0342	6.3° N	4.0° E	59.9°	03m23s
1449	05837	0457 Jun 08	04:01:10	0.9779	8.5° N	146.9° E	75.2°	02m43s
1450	05838	0457 Dec 03	02:22:23	0.9882	33.0° S	165.4° E	79.2°	01m09s
1451	05839	0458 May 28	12:58:30	1.0305	52.0° N	3.7° W	58.1°	02m21s
1452	05840	0458 Nov 22	08:16:28	0.9280	73.8° S	1.2° E	23.3°	05m00s
1453	05844	0460 Apr 07	13:31:13	1.0433	23.2° S	19.7° E	55.2°	03m38s
1454	05845	0460 Sep 30	17:11:26	0.9749	32.8° N	32.4° W	47.7°	02m18s
1455	05846	0461 Mar 28	00:59:22	0.9885	12.6° N	173.6° W	79.4°	01m08s
1456	05847	0461 Sep 20	04:24:35	1.0364	3.1° S	135.2° E	85.7°	03m09s
1457	05848	0462 Mar 17	05:04:02	0.9323	56.3° N	74.2° E	16.6°	05m24s
1458	05849	0462 Sep 09	20:16:30	1.0569	38.5° S	128.1° W	39.3°	04m07s
1459	05853	0464 Jan 24	18:42:06	0.9935	48.0° S	55.9° W	58.3°	00m32s
1460	05854	0464 Jul 20	10:47:29	0.9693	43.4° N	53.7° E	65.9°	02m57s
1461	05855	0465 Jan 13	07:44:43	1.0407	10.9° S	89.1° E	79.2°	03m49s
1462	05856	0465 Jul 09	12:31:50	0.9459	1.9° N	12.9° E	68.9°	07m21s

TABLE

Total Solar Eclipses Around the World - Page 44
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1463	05857	0466 Jan 02	23:31:56	1.0357	35.2° N	158.1° W	30.7°	03m02s
1464	05860	0467 May 19	12:19:15	1.0403	73.1° N	2.2° W	35.6°	02m33s
1465	05861	0467 Nov 13	03:18:02	0.9248	55.1° S	142.5° E	52.6°	07m17s
1466	05862	0468 May 08	04:28:58	1.0789	20.2° N	135.7° E	87.2°	06m56s
1467	05863	0468 Nov 01	02:27:24	0.9227	10.8° S	165.5° E	85.6°	10m34s
1468	05864	0469 Apr 27	21:24:18	1.0555	28.7° S	106.7° W	45.7°	04m52s
1469	05865	0469 Oct 21	04:30:00	0.9559	36.9° N	148.4° E	39.9°	04m33s
1470	05870	0471 Mar 08	00:19:40	0.9323	27.4° N	167.8° W	56.3°	08m07s
1471	05871	0471 Aug 31	20:07:11	1.0611	23.8° S	107.1° W	56.4°	05m15s
1472	05872	0472 Feb 25	00:16:40	0.9424	18.4° S	152.8° W	80.1°	07m05s
1473	05873	0472 Aug 20	11:17:31	1.0296	21.8° N	38.5° E	80.0°	02m50s
1474	05874	0473 Feb 13	05:16:16	0.9790	69.5° S	168.0° E	28.5°	01m29s
1475	05875	0473 Aug 09	20:51:51	0.9655	78.2° N	19.0° W	15.6°	02m13s
1476	05879	0474 Dec 24	22:31:52	1.0332	6.7° N	130.4° W	59.7°	03m20s
1477	05880	0475 Jun 19	10:40:23	0.9802	3.9° N	46.3° E	70.1°	02m29s
1478	05881	0475 Dec 14	10:57:44	0.9854	34.1° S	38.2° E	79.2°	01m27s
1479	05882	0476 Jun 07	20:06:49	1.0350	49.1° N	105.6° W	63.3°	02m48s
1480	05883	0476 Dec 02	16:27:33	0.9256	78.0° S	125.5° W	23.7°	05m09s
1481	05887	0478 Apr 18	21:06:05	1.0421	23.9° S	94.6° W	50.6°	03m36s
1482	05888	0478 Oct 12	01:13:46	0.9748	30.7° N	154.9° W	46.0°	02m21s
1483	05889	0479 Apr 08	08:16:42	0.9881	13.8° N	77.2° E	82.9°	01m11s
1484	05890	0479 Oct 01	12:40:26	1.0358	6.0° S	10.6° E	87.3°	03m06s
1485	05891	0480 Mar 27	12:04:20	0.9358	54.3° N	23.7° W	25.7°	05m16s
1486	05892	0480 Sep 20	04:31:03	1.0543	39.8° S	107.1° E	42.3°	03m52s
1487	05896	0482 Feb 04	02:57:02	0.9989	45.2° S	178.0° W	57.2°	00m05s
1488	05897	0482 Jul 31	17:38:50	0.9639	44.5° N	45.5° W	61.3°	03m23s
1489	05898	0483 Jan 24	16:22:34	1.0446	9.4° S	40.8° W	79.9°	04m03s
1490	05899	0483 Jul 20	19:01:07	0.9444	5.3° N	84.9° W	73.9°	07m18s
1491	05900	0484 Jan 14	08:16:49	1.0366	35.0° N	66.5° E	31.5°	03m04s
1492	05903	0485 May 29	19:34:46	1.0419	83.4° N	118.0° W	27.8°	02m26s
1493	05904	0485 Nov 23	11:22:19	0.9223	58.6° S	24.9° E	52.1°	07m23s
1494	05905	0486 May 19	11:58:26	1.0805	27.0° N	22.1° E	83.0°	06m54s
1495	05906	0486 Nov 12	10:24:14	0.9221	14.6° S	45.6° E	86.2°	10m43s
1496	05907	0487 May 09	04:51:29	1.0559	20.9° S	136.9° E	50.9°	05m11s

TABLE

Total Solar Eclipses Around the World - Page 45
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1497	05908	0487 Nov 01	12:41:08	0.9568	32.6° N	21.6° E	41.1°	04m39s
1498	05913	0489 Mar 18	07:26:06	0.9340	35.0° N	81.6° E	52.6°	07m25s
1499	05914	0489 Sep 11	04:13:02	1.0564	30.4° S	127.8° E	53.6°	04m40s
1500	05915	0490 Mar 07	07:39:25	0.9474	11.8° S	94.5° E	82.6°	06m30s
1501	05916	0490 Aug 31	19:01:26	1.0235	15.1° N	79.5° W	82.8°	02m19s
1502	05917	0491 Feb 24	13:11:57	0.9860	62.3° S	40.3° E	32.2°	01m02s
1503	05918	0491 Aug 21	04:01:41	0.9621	71.1° N	170.7° W	24.9°	02m44s
1504	05922	0493 Jan 04	07:17:22	1.0326	8.1° N	96.3° E	59.3°	03m16s
1505	05923	0493 Jun 29	17:25:33	0.9819	1.5° S	56.5° W	65.2°	02m16s
1506	05924	0493 Dec 24	19:30:00	0.9831	34.1° S	88.2° W	79.4°	01m43s
1507	05925	0494 Jun 19	03:17:12	1.0388	45.2° N	150.7° E	68.2°	03m14s
1508	05926	0494 Dec 14	00:37:53	0.9239	82.5° S	110.7° E	24.1°	05m17s
1509	05930	0496 Apr 29	04:31:53	1.0400	26.0° S	153.3° E	45.3°	03m29s
1510	05931	0496 Oct 22	09:26:26	0.9752	28.5° N	79.5° E	44.8°	02m23s
1511	05932	0497 Apr 18	15:24:14	0.9873	14.3° N	29.3° W	86.7°	01m18s
1512	05933	0497 Oct 11	21:04:41	1.0354	9.2° S	116.2° W	88.6°	03m04s
1513	05934	0498 Apr 07	18:55:52	0.9389	53.5° N	121.2° W	33.2°	05m08s
1514	05935	0498 Oct 01	12:53:06	1.0515	42.0° S	19.5° W	44.7°	03m37s
1515	05941	0500 Aug 11	00:35:02	0.9582	44.7° N	146.1° W	56.7°	03m50s
1516	05942	0501 Feb 04	00:54:51	1.0487	7.4° S	169.5° W	80.9°	04m18s
1517	05943	0501 Jul 31	01:37:16	0.9427	7.4° N	176.1° E	78.4°	07m14s
1518	05944	0502 Jan 24	16:57:17	1.0378	35.1° N	67.5° W	32.6°	03m06s
1519	05945	0502 Jul 20	03:11:36	0.9595	46.9° S	132.5° E	18.9°	03m52s
1520	05947	0503 Jun 10	02:51:04	1.0420	83.7° N	27.9° W	17.0°	02m12s
1521	05948	0503 Dec 04	19:27:10	0.9204	61.1° S	90.9° W	51.6°	07m27s
1522	05949	0504 May 29	19:26:16	1.0813	33.3° N	90.2° W	78.7°	06m44s
1523	05950	0504 Nov 22	18:25:08	0.9222	17.6° S	75.0° W	86.7°	10m41s
1524	05951	0505 May 19	12:15:05	1.0554	13.7° S	22.1° E	56.0°	05m23s
1525	05952	0505 Nov 11	20:57:42	0.9582	29.0° N	106.2° W	42.1°	04m39s
1526	05957	0507 Mar 29	14:20:55	0.9356	43.3° N	26.8° W	48.1°	06m42s
1527	05958	0507 Sep 22	12:27:05	1.0516	36.8° S	0.7° E	51.1°	04m06s
1528	05959	0508 Mar 17	14:52:12	0.9525	4.7° S	16.3° W	85.6°	05m52s
1529	05961	0509 Mar 06	20:59:05	0.9933	54.6° S	83.9° W	36.3°	00m32s
1530	05962	0509 Aug 31	11:18:53	0.9579	62.5° N	65.1° E	31.0°	03m22s

TABLE

Total Solar Eclipses Around the World - Page 46
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1531	05966	0511 Jan 15	16:00:05	1.0323	10.3° N	36.4° W	58.7°	03m14s
1532	05967	0511 Jul 11	00:13:47	0.9831	7.6° S	160.8° W	60.1°	02m05s
1533	05968	0512 Jan 05	03:59:03	0.9815	33.0° S	146.1° E	79.6°	01m55s
1534	05969	0512 Jun 29	10:30:12	1.0418	40.4° N	45.0° E	72.9°	03m37s
1535	05970	0512 Dec 24	08:46:57	0.9228	86.7° S	2.2° E	24.6°	05m24s
1536	05974	0514 May 10	11:53:33	1.0371	29.6° S	42.0° E	39.0°	03m16s
1537	05975	0514 Nov 02	17:45:19	0.9760	26.7° N	48.1° W	44.0°	02m23s
1538	05976	0515 Apr 29	22:23:38	0.9861	14.1° N	133.6° W	89.1°	01m28s
1539	05977	0515 Oct 23	05:36:13	1.0351	12.5° S	115.2° E	89.5°	03m04s
1540	05978	0516 Apr 18	01:38:56	0.9415	53.1° N	143.2° E	40.0°	05m01s
1541	05979	0516 Oct 11	21:22:23	1.0487	44.9° S	147.7° W	46.4°	03m23s
1542	05985	0518 Aug 22	07:37:14	0.9524	44.1° N	111.0° E	52.3°	04m21s
1543	05986	0519 Feb 15	09:19:56	1.0530	5.2° S	63.6° E	82.3°	04m33s
1544	05987	0519 Aug 11	08:20:20	0.9406	8.4° N	75.5° E	82.6°	07m14s
1545	05988	0520 Feb 05	01:29:14	1.0395	35.2° N	161.1° E	34.4°	03m10s
1546	05989	0520 Jul 30	10:04:27	0.9626	38.3° S	29.5° E	29.3°	03m45s
1547	05992	0521 Dec 15	03:32:14	0.9193	62.2° S	154.8° E	51.2°	07m28s
1548	05993	0522 Jun 10	02:52:34	1.0812	38.9° N	159.1° E	74.3°	06m28s
1549	05994	0522 Dec 04	02:29:54	0.9229	19.7° S	163.9° E	87.0°	10m31s
1550	05995	0523 May 30	19:33:08	1.0541	6.9° S	90.5° W	61.0°	05m25s
1551	05996	0523 Nov 23	05:20:29	0.9601	26.3° N	124.6° E	42.6°	04m33s
1552	06001	0525 Apr 08	21:08:45	0.9369	52.4° N	134.3° W	42.7°	06m01s
1553	06002	0525 Oct 02	20:48:13	1.0469	43.1° S	127.7° W	49.0°	03m35s
1554	06003	0526 Mar 28	21:59:31	0.9577	2.7° N	125.8° W	88.9°	05m11s
1555	06006	0527 Sep 11	18:42:58	0.9532	54.6° N	54.3° W	35.5°	04m05s
1556	06011	0529 Jan 26	00:35:32	1.0323	13.6° N	167.6° W	57.7°	03m10s
1557	06012	0529 Jul 21	07:09:42	0.9838	14.2° S	92.2° E	55.1°	01m56s
1558	06013	0530 Jan 15	12:21:32	0.9802	30.6° S	21.6° E	80.1°	02m05s
1559	06014	0530 Jul 10	17:48:09	1.0440	35.0° N	63.4° W	77.3°	03m57s
1560	06015	0531 Jan 04	16:51:18	0.9225	86.9° S	25.1° W	25.5°	05m32s
1561	06016	0531 Jun 30	09:51:59	1.0666	85.2° N	106.3° W	18.7°	03m23s
1562	06018	0532 May 20	19:08:48	1.0330	35.4° S	68.0° W	31.4°	02m53s
1563	06019	0532 Nov 13	02:11:04	0.9774	25.0° N	177.6° W	43.6°	02m19s
1564	06020	0533 May 10	05:15:53	0.9844	13.0° N	123.8° E	84.6°	01m43s

TABLE

Total Solar Eclipses Around the World - Page 47
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1565	06021	0533 Nov 02	14:15:16	1.0350	15.6° S	15.0° W	89.9°	03m06s
1566	06022	0534 Apr 29	08:14:13	0.9438	52.6° N	50.0° E	46.5°	04m58s
1567	06023	0534 Oct 23	05:58:25	1.0459	48.4° S	82.8° E	47.7°	03m09s
1568	06028	0536 Mar 08	03:03:15	1.0162	37.4° S	178.3° W	50.9°	01m17s
1569	06029	0536 Sep 01	14:46:51	0.9466	43.0° N	5.4° E	48.2°	04m54s
1570	06030	0537 Feb 25	17:38:41	1.0574	2.9° S	61.7° W	84.0°	04m49s
1571	06031	0537 Aug 21	15:10:51	0.9384	8.4° N	27.0° W	86.3°	07m17s
1572	06032	0538 Feb 15	09:55:14	1.0413	35.7° N	31.8° E	36.5°	03m14s
1573	06033	0538 Aug 10	17:05:14	0.9647	33.5° S	76.3° W	36.6°	03m35s
1574	06037	0539 Dec 26	11:34:40	0.9188	62.0° S	41.4° E	50.6°	07m26s
1575	06038	0540 Jun 20	10:19:58	1.0801	43.7° N	49.4° E	69.8°	06m07s
1576	06039	0540 Dec 14	10:34:02	0.9243	20.9° S	43.2° E	87.4°	10m10s
1577	06040	0541 Jun 10	02:50:29	1.0519	1.0° S	157.9° E	65.7°	05m17s
1578	06041	0541 Dec 03	13:45:53	0.9625	24.3° N	5.0° W	43.0°	04m19s
1579	06046	0543 Apr 20	03:47:29	0.9378	62.4° N	118.1° E	36.1°	05m23s
1580	06047	0543 Oct 14	05:17:10	1.0424	48.9° S	102.6° E	47.5°	03m07s
1581	06048	0544 Apr 08	04:57:45	0.9629	10.4° N	126.9° E	87.4°	04m29s
1582	06051	0545 Sep 22	02:14:00	0.9485	47.4° N	173.0° W	39.0°	04m53s
1583	06056	0547 Feb 06	09:04:44	1.0325	17.7° N	62.5° E	56.4°	03m07s
1584	06057	0547 Aug 01	14:11:29	0.9840	21.3° S	17.0° W	50.2°	01m48s
1585	06058	0548 Jan 26	20:38:16	0.9794	27.2° S	102.2° W	80.9°	02m12s
1586	06059	0548 Jul 21	01:11:32	1.0455	29.0° N	174.2° W	81.4°	04m12s
1587	06060	0549 Jan 15	00:50:28	0.9228	82.1° S	127.7° W	26.8°	05m40s
1588	06061	0549 Jul 10	17:23:12	1.0688	83.1° N	38.7° W	28.7°	03m48s
1589	06064	0550 Jun 01	02:21:04	1.0276	44.5° S	177.2° W	21.2°	02m18s
1590	06065	0550 Nov 24	10:41:00	0.9792	23.7° N	51.8° E	43.4°	02m11s
1591	06066	0551 May 21	12:03:02	0.9822	10.9° N	22.4° E	79.9°	02m03s
1592	06067	0551 Nov 13	22:58:50	1.0354	18.4° S	146.1° W	89.5°	03m10s
1593	06068	0552 May 09	14:43:48	0.9455	51.6° N	41.6° W	52.6°	05m00s
1594	06069	0552 Nov 02	14:40:25	1.0433	52.2° S	47.4° W	48.5°	02m57s
1595	06074	0554 Mar 19	10:50:48	1.0217	35.9° S	64.5° E	47.7°	01m44s
1596	06075	0554 Sep 12	22:04:09	0.9409	41.8° N	103.1° W	44.3°	05m30s
1597	06076	0555 Mar 09	01:47:58	1.0618	0.7° S	175.4° E	86.2°	05m05s
1598	06077	0555 Sep 01	22:10:46	0.9360	7.4° N	131.9° W	89.6°	07m25s

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Total Solar Eclipses Around the World - Page 48
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1599	06078	0556 Feb 26	18:11:26	1.0433	36.2° N	94.4° W	39.2°	03m19s
1600	06079	0556 Aug 21	00:15:45	0.9659	31.0° S	175.3° E	42.2°	03m24s
1601	06084	0558 Jan 05	19:34:45	0.9189	60.5° S	72.3° W	50.0°	07m23s
1602	06085	0558 Jul 01	17:47:13	1.0782	47.5° N	59.0° W	65.2°	05m45s
1603	06086	0558 Dec 25	18:39:21	0.9263	21.2° S	77.7° W	87.7°	09m41s
1604	06087	0559 Jun 21	10:05:31	1.0490	4.1° N	47.6° E	70.4°	04m59s
1605	06088	0559 Dec 14	22:13:23	0.9655	23.0° N	135.1° W	43.4°	03m58s
1606	06092	0561 Apr 30	10:21:38	0.9379	73.1° N	3.9° E	27.8°	04m48s
1607	06093	0561 Oct 24	13:50:59	1.0381	54.5° S	27.3° W	46.2°	02m43s
1608	06094	0562 Apr 19	11:52:31	0.9678	18.2° N	20.6° E	83.4°	03m47s
1609	06095	0562 Oct 14	03:07:26	0.9992	9.0° S	150.9° E	89.9°	00m05s
1610	06096	0563 Apr 08	19:42:28	1.0151	30.6° S	82.0° W	49.7°	01m25s
1611	06097	0563 Oct 03	09:52:51	0.9438	41.0° N	67.4° E	41.7°	05m44s
1612	06102	0565 Feb 16	17:24:37	1.0327	22.8° N	65.5° W	54.6°	03m02s
1613	06103	0565 Aug 11	21:23:39	0.9839	28.6° S	129.5° W	45.5°	01m42s
1614	06104	0566 Feb 06	04:46:17	0.9790	22.8° S	135.5° E	82.0°	02m17s
1615	06105	0566 Aug 01	08:41:01	1.0464	22.6° N	72.6° E	85.2°	04m22s
1616	06106	0567 Jan 26	08:42:29	0.9238	76.4° S	112.3° E	28.7°	05m50s
1617	06107	0567 Jul 22	00:57:59	1.0692	73.4° N	153.4° W	35.9°	04m07s
1618	06111	0568 Dec 04	19:15:00	0.9818	22.9° N	79.9° W	43.4°	01m57s
1619	06112	0569 May 31	18:45:18	0.9794	7.7° N	78.2° W	75.0°	02m29s
1620	06113	0569 Nov 24	07:46:44	1.0361	20.6° S	82.0° E	89.3°	03m17s
1621	06114	0570 May 20	21:08:33	0.9470	49.8° N	132.0° W	58.6°	05m06s
1622	06115	0570 Nov 13	23:27:26	1.0409	56.0° S	177.8° W	48.9°	02m46s
1623	06120	0572 Mar 29	18:32:10	1.0270	35.3° S	51.2° W	43.8°	02m10s
1624	06121	0572 Sep 23	05:28:53	0.9354	40.6° N	145.5° E	40.8°	06m08s
1625	06122	0573 Mar 19	09:51:15	1.0659	1.5° N	54.2° E	88.7°	05m22s
1626	06123	0573 Sep 12	05:19:53	0.9338	5.7° N	120.7° E	87.5°	07m36s
1627	06124	0574 Mar 09	02:20:43	1.0452	37.1° N	141.8° E	42.2°	03m23s
1628	06125	0574 Sep 01	07:35:04	0.9668	30.1° S	64.7° E	46.7°	03m15s
1629	06130	0576 Jan 17	03:27:40	0.9196	58.4° S	174.5° E	48.8°	07m17s
1630	06131	0576 Jul 12	01:18:44	1.0755	50.0° N	167.5° W	60.7°	05m21s
1631	06132	0577 Jan 05	02:41:04	0.9290	20.7° S	162.3° E	88.2°	09m03s
1632	06133	0577 Jul 01	17:21:52	1.0453	8.3° N	62.4° W	74.9°	04m33s

TABLE

Total Solar Eclipses Around the World - Page 49
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1633	06134	0577 Dec 25	06:39:51	0.9691	22.2° N	95.2° E	43.8°	03m30s
1634	06138	0579 May 11	16:48:05	0.9365	80.3° N	163.3° W	14.8°	04m15s
1635	06139	0579 Nov 04	22:31:45	1.0344	59.4° S	157.1° W	45.3°	02m24s
1636	06140	0580 Apr 29	18:41:09	0.9724	25.9° N	83.6° W	79.1°	03m08s
1637	06141	0580 Oct 24	11:25:33	0.9938	13.9° S	25.2° E	89.0°	00m40s
1638	06142	0581 Apr 19	03:05:14	1.0218	22.6° S	162.8° E	54.4°	02m09s
1639	06143	0581 Oct 13	17:39:23	0.9393	35.4° N	53.5° W	43.7°	06m38s
1640	06148	0583 Feb 28	01:37:28	1.0329	28.7° N	167.8° E	52.3°	02m55s
1641	06149	0583 Aug 23	04:44:22	0.9834	36.1° S	115.2° E	40.9°	01m38s
1642	06150	0584 Feb 17	12:45:26	0.9788	17.5° S	14.7° E	83.5°	02m21s
1643	06151	0584 Aug 11	16:18:35	1.0467	16.1° N	43.4° W	88.6°	04m27s
1644	06152	0585 Feb 05	16:27:40	0.9253	70.2° S	8.9° W	31.1°	06m01s
1645	06153	0585 Aug 01	08:37:54	1.0687	64.6° N	89.6° E	41.6°	04m22s
1646	06158	0586 Dec 16	03:49:22	0.9848	22.7° N	148.3° E	43.4°	01m38s
1647	06159	0587 Jun 12	01:24:29	0.9761	3.4° N	178.6° W	69.8°	03m01s
1648	06160	0587 Dec 05	16:36:28	1.0373	22.1° S	50.1° W	89.2°	03m26s
1649	06161	0588 May 31	03:31:10	0.9478	47.1° N	137.4° E	64.3°	05m18s
1650	06162	0588 Nov 24	08:16:26	1.0390	59.3° S	53.1° E	49.3°	02m38s
1651	06166	0590 Apr 10	02:06:40	1.0318	36.0° S	165.2° W	38.9°	02m33s
1652	06167	0590 Oct 04	13:02:00	0.9303	39.5° N	31.1° E	37.7°	06m50s
1653	06168	0591 Mar 30	17:45:50	1.0697	3.2° N	64.8° W	88.4°	05m41s
1654	06169	0591 Sep 23	12:39:49	0.9317	3.4° N	10.3° E	85.1°	07m51s
1655	06170	0592 Mar 19	10:19:26	1.0470	38.0° N	21.5° E	45.8°	03m29s
1656	06171	0592 Sep 11	15:06:02	0.9673	30.6° S	48.8° W	50.3°	03m07s
1657	06176	0594 Jan 27	11:15:35	0.9207	55.7° S	60.9° E	47.4°	07m10s
1658	06177	0594 Jul 23	08:52:46	1.0720	51.3° N	83.9° E	56.1°	04m58s
1659	06178	0595 Jan 16	10:39:56	0.9324	19.5° S	42.9° E	88.9°	08m20s
1660	06179	0595 Jul 13	00:38:24	1.0409	11.4° N	171.9° W	79.2°	04m02s
1661	06180	0596 Jan 05	15:05:31	0.9733	22.0° N	34.2° W	44.4°	02m56s
1662	06181	0596 Jul 01	10:54:33	0.9827	64.7° S	11.5° E	0.0°	00m00s
1663	06185	0597 Nov 15	07:16:12	1.0310	63.7° S	74.5° E	44.8°	02m07s
1664	06186	0598 May 11	01:27:21	0.9766	33.6° N	173.4° E	74.5°	02m31s
1665	06187	0598 Nov 04	19:48:16	0.9888	18.0° S	101.3° W	88.3°	01m13s
1666	06188	0599 Apr 30	10:23:56	1.0281	14.8° S	49.1° E	59.2°	02m52s

TABLE

Total Solar Eclipses Around the World - Page 50
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1667	06189	0599 Oct 25	01:32:36	0.9352	30.6° N	175.5° W	45.1°	07m32s
1668	06193	0601 Mar 10	09:40:34	1.0327	35.3° N	43.1° E	49.4°	02m47s
1669	06194	0601 Sep 02	12:14:51	0.9828	43.5° S	3.3° W	36.6°	01m34s
1670	06195	0602 Feb 27	20:34:40	0.9787	11.6° S	104.3° W	85.5°	02m23s
1671	06196	0602 Aug 23	00:04:00	1.0465	9.5° N	161.7° W	88.3°	04m26s
1672	06197	0603 Feb 17	00:02:03	0.9274	63.4° S	128.4° W	34.2°	06m13s
1673	06198	0603 Aug 12	16:23:34	1.0671	56.4° N	29.3° W	46.4°	04m33s
1674	06203	0604 Dec 26	12:23:39	0.9884	23.3° N	16.6° E	43.3°	01m14s
1675	06204	0605 Jun 22	08:02:39	0.9722	1.8° S	80.6° E	64.5°	03m35s
1676	06205	0605 Dec 16	01:28:09	1.0390	22.7° S	177.6° E	89.1°	03m37s
1677	06206	0606 Jun 11	09:50:53	0.9483	43.1° N	46.5° E	69.9°	05m35s
1678	06207	0606 Dec 05	17:08:42	1.0374	62.1° S	75.0° W	49.4°	02m31s
1679	06211	0608 Apr 20	09:36:37	1.0358	38.3° S	82.0° E	33.1°	02m51s
1680	06212	0608 Oct 14	20:42:44	0.9257	38.5° N	86.0° W	35.0°	07m33s
1681	06213	0609 Apr 10	01:35:40	1.0730	4.5° N	177.6° E	85.2°	06m00s
1682	06214	0609 Oct 03	20:07:39	0.9298	0.9° N	102.1° W	83.1°	08m09s
1683	06215	0610 Mar 30	18:11:46	1.0485	39.2° N	96.4° W	49.5°	03m34s
1684	06216	0610 Sep 22	22:46:30	0.9678	32.2° S	164.6° W	53.3°	03m00s
1685	06221	0612 Feb 07	18:54:14	0.9221	53.0° S	51.4° W	45.3°	07m02s
1686	06222	0612 Aug 02	16:33:18	1.0679	51.5° N	26.5° W	51.7°	04m35s
1687	06223	0613 Jan 26	18:31:59	0.9363	17.9° S	74.9° W	89.9°	07m35s
1688	06224	0613 Jul 23	07:59:27	1.0358	13.4° N	78.0° E	83.1°	03m28s
1689	06225	0614 Jan 15	23:27:23	0.9782	22.2° N	162.5° W	45.3°	02m19s
1690	06226	0614 Jul 12	17:42:54	0.9722	43.7° S	84.8° W	22.1°	02m41s
1691	06230	0615 Nov 26	16:04:23	1.0282	67.0° S	51.7° W	44.4°	01m54s
1692	06231	0616 May 21	08:10:42	0.9803	40.9° N	72.2° E	69.7°	01m59s
1693	06232	0616 Nov 15	04:16:21	0.9843	21.4° S	131.5° E	88.0°	01m43s
1694	06233	0617 May 10	17:39:29	1.0340	7.4° S	63.2° W	63.9°	03m32s
1695	06234	0617 Nov 04	09:31:18	0.9314	26.6° N	61.4° E	46.1°	08m25s
1696	06238	0619 Mar 21	17:34:36	1.0323	42.8° N	80.0° W	45.8°	02m36s
1697	06239	0619 Sep 13	19:55:18	0.9819	50.7° S	125.2° W	32.6°	01m31s
1698	06240	0620 Mar 10	04:14:30	0.9787	5.1° S	138.5° E	87.8°	02m25s
1699	06241	0620 Sep 02	07:57:50	1.0459	2.9° N	77.6° E	85.6°	04m21s
1700	06242	0621 Feb 27	07:28:15	0.9297	56.1° S	114.2° E	37.7°	06m27s

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Total Solar Eclipses Around the World - Page 51
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1701	06243	0621 Aug 23	00:16:24	1.0648	48.6° N	150.4° W	50.4°	04m40s
1702	06248	0623 Jan 06	20:55:51	0.9926	24.7° N	114.7° W	43.0°	00m47s
1703	06249	0623 Jul 03	14:41:23	0.9678	8.0° S	21.1° W	59.0°	04m11s
1704	06250	0623 Dec 27	10:17:25	1.0412	22.2° S	45.8° E	88.9°	03m51s
1705	06251	0624 Jun 21	16:12:34	0.9482	38.3° N	46.2° W	75.2°	05m56s
1706	06252	0624 Dec 16	02:00:22	1.0364	63.6° S	159.0° E	49.4°	02m28s
1707	06253	0625 Jun 10	17:49:19	0.9661	64.9° N	133.3° E	0.0°	00m00s
1708	06256	0626 May 01	17:01:46	1.0389	42.9° S	29.1° W	25.5°	03m01s
1709	06257	0626 Oct 26	04:31:02	0.9216	37.8° N	154.2° E	32.9°	08m17s
1710	06258	0627 Apr 21	09:16:52	1.0758	5.0° N	62.3° E	81.6°	06m19s
1711	06259	0627 Oct 15	03:46:30	0.9282	1.9° S	142.4° E	81.6°	08m30s
1712	06260	0628 Apr 10	01:54:42	1.0496	40.2° N	148.8° E	53.5°	03m40s
1713	06261	0628 Oct 03	06:37:26	0.9682	34.6° S	77.1° E	55.5°	02m54s
1714	06266	0630 Feb 18	02:26:01	0.9239	50.5° S	162.9° W	42.7°	06m53s
1715	06267	0630 Aug 14	00:17:53	1.0631	50.9° N	138.7° W	47.3°	04m13s
1716	06268	0631 Feb 07	02:19:34	0.9407	15.8° S	168.2° E	88.8°	06m49s
1717	06269	0631 Aug 03	15:23:41	1.0303	14.3° N	32.8° W	86.9°	02m52s
1718	06270	0632 Jan 27	07:45:01	0.9836	22.7° N	70.5° E	46.6°	01m40s
1719	06271	0632 Jul 23	00:35:01	0.9696	35.9° S	170.9° E	31.3°	03m07s
1720	06275	0633 Dec 07	00:53:04	1.0258	68.9° S	175.0° W	44.1°	01m43s
1721	06276	0634 Jun 01	14:54:37	0.9836	47.8° N	27.7° W	64.6°	01m33s
1722	06277	0634 Nov 26	12:46:01	0.9804	23.9° S	4.4° E	87.7°	02m09s
1723	06278	0635 May 22	00:52:37	1.0391	0.4° S	174.3° W	68.7°	04m06s
1724	06279	0635 Nov 15	17:34:25	0.9283	23.4° N	62.5° W	46.8°	09m12s
1725	06283	0637 Apr 01	01:19:52	1.0312	50.9° N	158.3° E	41.3°	02m21s
1726	06284	0637 Sep 24	03:46:29	0.9812	57.5° S	109.4° E	29.1°	01m28s
1727	06285	0638 Mar 21	11:43:16	0.9786	1.9° N	23.8° E	89.3°	02m27s
1728	06286	0638 Sep 13	16:00:38	1.0450	3.6° S	45.4° W	83.3°	04m14s
1729	06287	0639 Mar 10	14:43:34	0.9323	48.3° S	0.3° W	41.7°	06m42s
1730	06288	0639 Sep 03	08:17:01	1.0620	41.3° N	86.5° E	53.7°	04m42s
1731	06293	0641 Jan 17	05:25:38	0.9972	27.0° N	114.5° E	42.5°	00m17s
1732	06294	0641 Jul 13	21:20:57	0.9630	15.0° S	123.9° W	53.3°	04m45s
1733	06295	0642 Jan 06	19:05:52	1.0437	20.8° S	85.9° W	88.6°	04m06s
1734	06296	0642 Jul 02	22:35:07	0.9477	32.6° N	140.5° W	80.4°	06m21s

TABLE

Total Solar Eclipses Around the World - Page 52
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1735	06297	0642 Dec 27	10:51:27	1.0358	63.7° S	34.0° E	49.6°	02m27s
1736	06298	0643 Jun 22	00:25:51	0.9648	85.5° N	94.4° E	23.0°	02m17s
1737	06301	0644 May 12	00:25:07	1.0400	51.6° S	137.6° W	14.2°	02m56s
1738	06302	0644 Nov 05	12:24:02	0.9181	37.4° N	32.6° E	31.1°	08m59s
1739	06303	0645 May 01	16:55:24	1.0779	4.7° N	52.4° W	77.8°	06m38s
1740	06304	0645 Oct 25	11:32:44	0.9271	4.5° S	25.2° E	80.3°	08m51s
1741	06305	0646 Apr 21	09:31:04	1.0502	41.0° N	36.5° E	57.7°	03m45s
1742	06306	0646 Oct 14	14:37:46	0.9688	37.6° S	43.2° W	57.3°	02m48s
1743	06311	0648 Feb 29	09:46:24	0.9257	48.8° S	88.3° E	39.2°	06m44s
1744	06312	0648 Aug 24	08:10:54	1.0579	49.8° N	105.7° E	43.1°	03m52s
1745	06313	0649 Feb 17	09:59:12	0.9455	13.6° S	53.2° E	87.1°	06m05s
1746	06314	0649 Aug 13	22:52:54	1.0243	14.2° N	144.8° W	89.7°	02m16s
1747	06315	0650 Feb 06	15:56:44	0.9896	23.5° N	54.7° W	48.2°	01m01s
1748	06316	0650 Aug 03	07:30:19	0.9660	30.9° S	66.0° E	38.2°	03m34s
1749	06321	0651 Dec 18	09:42:29	1.0241	69.2° S	63.2° E	43.9°	01m36s
1750	06322	0652 Jun 11	21:39:10	0.9862	54.0° N	125.7° W	59.4°	01m13s
1751	06323	0652 Dec 06	21:16:51	0.9771	25.5° S	122.6° W	87.6°	02m31s
1752	06324	0653 Jun 01	08:05:39	1.0436	5.9° N	75.5° E	73.4°	04m32s
1753	06325	0653 Nov 26	01:41:15	0.9257	21.1° N	172.8° E	47.2°	09m51s
1754	06329	0655 Apr 12	08:56:58	1.0296	59.8° N	36.8° E	35.9°	02m05s
1755	06330	0655 Oct 05	11:47:14	0.9807	63.9° S	19.5° W	26.0°	01m24s
1756	06331	0656 Mar 31	19:02:49	0.9783	9.2° N	88.7° W	86.1°	02m29s
1757	06332	0656 Sep 24	00:12:25	1.0441	9.7° S	170.5° W	81.3°	04m05s
1758	06333	0657 Mar 20	21:51:04	0.9350	40.4° S	112.4° W	45.9°	06m56s
1759	06334	0657 Sep 13	16:24:06	1.0588	34.4° N	38.3° W	56.5°	04m42s
1760	06340	0659 Jul 25	04:04:28	0.9577	22.7° S	131.5° E	47.5°	05m13s
1761	06341	0660 Jan 18	03:49:03	1.0468	18.2° S	143.3° E	88.1°	04m22s
1762	06342	0660 Jul 13	05:02:57	0.9467	26.4° N	122.7° E	85.2°	06m46s
1763	06343	0661 Jan 06	19:37:59	1.0357	62.1° S	90.6° W	49.9°	02m29s
1764	06344	0661 Jul 02	07:07:22	0.9692	79.9° N	88.8° E	33.1°	02m11s
1765	06349	0662 Nov 16	20:23:11	0.9153	37.2° N	91.0° W	29.8°	09m37s
1766	06350	0663 May 13	00:27:42	1.0792	3.4° N	165.7° W	73.7°	06m56s
1767	06351	0663 Nov 05	19:27:43	0.9265	7.1° S	94.3° W	79.5°	09m12s
1768	06352	0664 May 01	16:59:55	1.0501	41.3° N	73.2° W	62.0°	03m50s

TABLE

Total Solar Eclipses Around the World - Page 53
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1769	06353	0664 Oct 24	22:47:46	0.9695	40.9° S	165.6° W	58.5°	02m42s
1770	06358	0666 Mar 11	16:59:40	0.9275	47.9° S	18.8° W	34.8°	06m34s
1771	06359	0666 Sep 04	16:09:34	1.0524	48.5° N	12.3° W	39.0°	03m31s
1772	06360	0667 Feb 28	17:31:36	0.9506	11.3° S	60.1° W	85.0°	05m23s
1773	06361	0667 Aug 25	06:27:37	1.0180	13.3° N	101.8° E	86.5°	01m40s
1774	06362	0668 Feb 18	00:02:44	0.9959	24.5° N	178.1° W	50.3°	00m23s
1775	06363	0668 Aug 13	14:31:17	0.9619	28.1° S	40.3° W	43.7°	04m00s
1776	06368	0669 Dec 28	18:29:34	1.0227	68.0° S	58.9° W	43.6°	01m30s
1777	06369	0670 Jun 23	04:26:06	0.9883	59.2° N	138.4° E	53.9°	00m58s
1778	06370	0670 Dec 18	05:46:46	0.9744	26.1° S	110.8° E	87.5°	02m49s
1779	06371	0671 Jun 12	15:19:39	1.0473	11.4° N	34.3° W	78.0°	04m48s
1780	06372	0671 Dec 07	09:48:18	0.9238	19.4° N	48.2° E	47.5°	10m18s
1781	06373	0672 Jun 01	07:30:46	1.0680	48.1° S	85.4° E	19.4°	05m06s
1782	06375	0673 Apr 22	16:26:17	1.0270	69.6° N	88.0° W	29.0°	01m44s
1783	06376	0673 Oct 15	19:56:59	0.9805	69.6° S	151.9° W	23.6°	01m20s
1784	06377	0674 Apr 12	02:12:24	0.9778	16.8° N	161.4° E	82.5°	02m31s
1785	06378	0674 Oct 05	08:33:20	1.0430	15.5° S	62.4° E	79.8°	03m56s
1786	06379	0675 Apr 01	04:46:39	0.9377	32.1° S	138.6° E	50.5°	07m10s
1787	06380	0675 Sep 25	00:40:11	1.0553	28.0° N	165.2° W	58.7°	04m37s
1788	06386	0677 Aug 04	10:52:22	0.9521	31.0° S	24.7° E	41.4°	05m33s
1789	06387	0678 Jan 28	12:28:34	1.0501	14.8° S	13.0° E	87.3°	04m40s
1790	06388	0678 Jul 24	11:34:07	0.9455	19.6° N	24.1° E	89.9°	07m10s
1791	06389	0679 Jan 18	04:21:40	1.0360	59.1° S	143.5° E	50.5°	02m33s
1792	06390	0679 Jul 13	13:53:46	0.9724	70.6° N	2.3° W	40.8°	02m07s
1793	06395	0680 Nov 27	04:24:53	0.9133	37.3° N	144.4° E	28.8°	10m08s
1794	06396	0681 May 23	07:58:17	1.0797	1.2° N	81.2° E	69.3°	07m10s
1795	06397	0681 Nov 16	03:27:16	0.9264	9.2° S	145.3° E	78.9°	09m29s
1796	06398	0682 May 13	00:23:49	1.0494	40.8° N	178.7° E	66.4°	03m54s
1797	06399	0682 Nov 05	07:04:37	0.9706	44.3° S	71.0° E	59.4°	02m35s
1798	06403	0684 Mar 22	00:02:14	0.9290	48.6° S	122.4° W	28.8°	06m23s
1799	06404	0684 Sep 15	00:16:17	1.0468	47.2° N	133.6° W	35.2°	03m11s
1800	06405	0685 Mar 11	00:55:43	0.9558	9.2° S	171.3° W	82.4°	04m44s
1801	06408	0686 Aug 24	21:37:46	0.9573	26.8° S	147.8° W	48.4°	04m27s
1802	06413	0688 Jan 09	03:13:09	1.0218	65.6° S	177.5° E	43.0°	01m27s

TABLE

Total Solar Eclipses Around the World - Page 54
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1803	06414	0688 Jul 03	11:17:17	0.9897	63.1° N	44.4° E	48.2°	00m48s
1804	06415	0688 Dec 28	14:15:19	0.9723	25.8° S	15.4° W	87.3°	03m02s
1805	06416	0689 Jun 22	22:34:45	1.0503	16.1° N	143.6° W	82.5°	04m56s
1806	06417	0689 Dec 17	17:56:06	0.9225	18.4° N	76.4° W	47.8°	10m31s
1807	06418	0690 Jun 12	14:57:16	1.0718	36.8° S	31.7° W	29.7°	05m52s
1808	06420	0691 May 03	23:48:12	1.0229	78.9° N	123.0° E	19.2°	01m20s
1809	06421	0691 Oct 27	04:15:17	0.9807	74.7° S	72.2° E	21.8°	01m16s
1810	06422	0692 Apr 22	09:14:36	0.9769	24.5° N	53.6° E	78.5°	02m35s
1811	06423	0692 Oct 15	17:00:55	1.0421	21.0° S	65.9° W	78.6°	03m48s
1812	06424	0693 Apr 11	11:36:01	0.9403	23.9° S	31.8° E	55.3°	07m21s
1813	06425	0693 Oct 05	09:03:11	1.0517	22.2° N	66.3° E	60.4°	04m30s
1814	06429	0695 Feb 19	06:19:39	1.0126	39.6° N	88.8° E	37.9°	01m05s
1815	06430	0695 Aug 15	17:47:00	0.9463	39.7° S	84.9° W	35.2°	05m46s
1816	06431	0696 Feb 08	20:59:58	1.0537	10.3° S	115.8° W	86.2°	04m58s
1817	06432	0696 Aug 03	18:13:52	0.9439	12.6° N	77.4° W	85.8°	07m30s
1818	06433	0697 Jan 28	12:58:36	1.0367	54.9° S	16.9° E	51.3°	02m41s
1819	06434	0697 Jul 23	20:46:01	0.9749	61.7° N	103.5° W	47.2°	02m04s
1820	06439	0698 Dec 08	12:28:45	0.9120	37.8° N	19.0° E	28.1°	10m28s
1821	06440	0699 Jun 03	15:24:55	1.0792	2.2° S	31.3° W	64.6°	07m17s
1822	06441	0699 Nov 27	11:32:43	0.9270	10.7° S	23.5° E	78.5°	09m40s
1823	06442	0700 May 23	07:42:50	1.0480	39.4° N	72.0° E	70.9°	03m56s
1824	06443	0700 Nov 15	15:27:33	0.9721	47.4° S	53.0° W	60.0°	02m26s
1825	06447	0702 Apr 02	06:56:41	0.9299	51.7° S	138.2° E	20.3°	06m09s
1826	06448	0702 Sep 26	08:29:49	1.0410	46.2° N	102.4° E	31.7°	02m51s
1827	06449	0703 Mar 22	08:13:08	0.9612	7.5° S	79.2° E	79.5°	04m08s
1828	06452	0704 Sep 04	04:52:06	0.9526	26.8° S	102.8° E	52.2°	04m53s
1829	06457	0706 Jan 19	11:51:48	1.0211	62.5° S	52.6° E	42.0°	01m24s
1830	06458	0706 Jul 14	18:13:55	0.9905	65.4° N	48.4° W	42.2°	00m42s
1831	06459	0707 Jan 08	22:38:11	0.9708	24.8° S	140.3° W	86.9°	03m09s
1832	06460	0707 Jul 04	05:53:44	1.0525	19.8° N	106.8° E	86.8°	04m57s
1833	06461	0707 Dec 29	02:00:34	0.9219	17.9° N	159.8° E	48.3°	10m30s
1834	06462	0708 Jun 22	22:25:31	1.0737	28.8° S	147.5° W	37.3°	06m18s
1835	06465	0709 Nov 06	12:41:08	0.9814	79.2° S	67.4° W	20.8°	01m10s
1836	06466	0710 May 03	16:06:47	0.9755	32.3° N	51.2° W	74.0°	02m38s

TABLE

Total Solar Eclipses Around the World - Page 55
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1837	06467	0710 Oct 27	01:37:19	1.0414	25.7° S	164.3° E	77.8°	03m41s
1838	06468	0711 Apr 22	18:15:28	0.9427	15.6° S	72.2° W	60.3°	07m29s
1839	06469	0711 Oct 16	17:34:15	1.0482	17.1° N	64.0° W	61.7°	04m21s
1840	06472	0713 Mar 01	14:25:35	1.0179	45.7° N	38.0° W	35.1°	01m27s
1841	06473	0713 Aug 26	00:46:30	0.9401	49.0° S	162.1° E	28.4°	05m52s
1842	06474	0714 Feb 19	05:26:24	1.0574	5.2° S	116.1° E	84.8°	05m15s
1843	06475	0714 Aug 15	00:59:30	0.9420	5.4° N	179.0° E	81.7°	07m46s
1844	06476	0715 Feb 08	21:28:51	1.0377	49.8° S	110.1° W	52.6°	02m50s
1845	06477	0715 Aug 04	03:46:01	0.9767	53.3° N	150.8° E	52.5°	02m03s
1846	06482	0716 Dec 18	20:30:55	0.9112	39.0° N	106.1° W	27.1°	10m35s
1847	06483	0717 Jun 13	22:52:28	1.0779	6.5° S	144.6° W	59.7°	07m15s
1848	06484	0717 Dec 07	19:39:54	0.9282	11.6° S	98.6° W	78.2°	09m43s
1849	06485	0718 Jun 03	14:57:54	1.0457	36.9° N	34.1° W	75.5°	03m56s
1850	06486	0718 Nov 26	23:55:08	0.9741	50.1° S	177.1° W	60.4°	02m15s
1851	06490	0720 Apr 12	13:42:10	0.9531	61.2° S	60.5° E	0.0°	00m00s
1852	06491	0720 Oct 06	16:51:39	1.0355	45.5° N	24.8° W	28.6°	02m32s
1853	06492	0721 Apr 01	15:23:02	0.9666	6.3° S	28.5° W	76.1°	03m34s
1854	06493	0721 Sep 26	05:53:18	0.9988	6.8° N	109.5° E	79.3°	00m07s
1855	06494	0722 Mar 21	23:36:39	1.0162	28.5° N	174.2° W	58.9°	01m23s
1856	06495	0722 Sep 15	12:13:45	0.9477	28.0° S	8.2° W	55.4°	05m19s
1857	06499	0724 Jan 30	20:24:34	1.0207	59.2° S	72.8° W	40.7°	01m23s
1858	06500	0724 Jul 25	01:16:50	0.9906	66.1° N	141.6° W	35.9°	00m39s
1859	06501	0725 Jan 19	06:56:11	0.9696	23.1° S	95.8° E	86.3°	03m14s
1860	06502	0725 Jul 14	13:16:42	1.0540	22.3° N	3.2° W	89.0°	04m53s
1861	06503	0726 Jan 08	10:02:27	0.9219	18.0° N	36.8° E	48.9°	10m16s
1862	06504	0726 Jul 04	05:53:59	1.0745	22.6° S	97.7° E	43.7°	06m31s
1863	06508	0727 Nov 17	21:12:00	0.9828	83.3° S	146.8° E	20.2°	01m03s
1864	06509	0728 May 13	22:54:08	0.9737	39.9° N	153.9° W	69.2°	02m43s
1865	06510	0728 Nov 06	10:18:56	1.0409	29.8° S	33.8° E	77.2°	03m36s
1866	06511	0729 May 03	00:49:47	0.9448	7.7° S	174.3° W	65.4°	07m31s
1867	06512	0729 Oct 27	02:10:21	1.0448	12.6° N	164.7° E	62.7°	04m11s
1868	06515	0731 Mar 12	22:22:19	1.0229	52.7° N	164.2° W	31.3°	01m43s
1869	06516	0731 Sep 06	07:54:58	0.9338	58.5° S	43.3° E	21.1°	05m51s
1870	06517	0732 Mar 01	13:43:50	1.0611	0.7° N	10.2° W	83.0°	05m32s

TABLE

Total Solar Eclipses Around the World - Page 56
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1871	06518	0732 Aug 25	07:54:41	0.9401	1.8° S	72.7° E	78.1°	07m55s
1872	06519	0733 Feb 19	05:50:33	1.0389	44.0° S	123.5° E	54.3°	03m03s
1873	06520	0733 Aug 14	10:54:42	0.9780	45.2° N	42.0° E	57.1°	02m03s
1874	06525	0734 Dec 30	04:32:13	0.9112	40.9° N	128.8° E	26.1°	10m28s
1875	06526	0735 Jun 25	06:19:09	1.0756	11.9° S	101.6° E	54.6°	07m02s
1876	06527	0735 Dec 19	03:48:28	0.9301	11.6° S	139.0° E	77.9°	09m35s
1877	06528	0736 Jun 13	22:11:01	1.0428	33.5° N	140.4° W	79.9°	03m52s
1878	06529	0736 Dec 07	08:26:24	0.9767	51.9° S	58.8° E	60.6°	02m01s
1879	06530	0737 Jun 03	08:25:50	0.9737	72.3° N	71.2° W	9.2°	01m30s
1880	06533	0738 Oct 18	01:19:49	1.0302	45.0° N	154.4° W	26.0°	02m13s
1881	06534	0739 Apr 12	22:26:36	0.9718	5.9° S	134.5° W	72.3°	03m03s
1882	06535	0739 Oct 07	13:55:43	0.9926	4.1° N	11.9° W	77.7°	00m43s
1883	06536	0740 Apr 01	07:15:31	1.0229	29.8° N	71.4° E	62.4°	01m55s
1884	06537	0740 Sep 25	19:42:24	0.9431	29.9° S	120.9° W	58.0°	05m45s
1885	06541	0742 Feb 10	04:48:57	1.0203	56.2° S	162.8° E	38.7°	01m22s
1886	06542	0742 Aug 05	08:27:12	0.9900	65.6° N	122.9° E	29.1°	00m40s
1887	06543	0743 Jan 30	15:05:55	0.9690	21.0° S	26.3° W	85.3°	03m15s
1888	06544	0743 Jul 25	20:46:00	1.0547	23.7° N	114.5° W	85.2°	04m46s
1889	06545	0744 Jan 19	17:56:37	0.9227	18.4° N	84.1° W	49.9°	09m52s
1890	06546	0744 Jul 14	13:26:41	1.0741	18.0° S	17.5° W	49.2°	06m30s
1891	06550	0745 Nov 28	05:47:42	0.9847	86.7° S	19.2° W	20.2°	00m54s
1892	06551	0746 May 25	05:34:14	0.9713	47.5° N	106.5° E	63.9°	02m48s
1893	06552	0746 Nov 17	19:06:17	1.0409	33.1° S	97.3° W	76.9°	03m33s
1894	06553	0747 May 14	07:16:41	0.9466	0.1° N	86.1° E	70.6°	07m27s
1895	06554	0747 Nov 07	10:53:06	1.0416	8.9° N	32.0° E	63.3°	04m00s
1896	06557	0749 Mar 23	06:13:53	1.0275	60.6° N	68.0° E	26.3°	01m53s
1897	06558	0749 Sep 16	15:10:13	0.9269	68.3° S	89.2° W	11.4°	05m42s
1898	06559	0750 Mar 12	21:54:22	1.0647	7.0° N	135.1° W	80.7°	05m46s
1899	06560	0750 Sep 05	14:57:59	0.9381	8.9° S	35.8° W	74.8°	08m00s
1900	06561	0751 Mar 02	14:04:34	1.0401	37.8° S	2.1° W	56.3°	03m16s
1901	06562	0751 Aug 25	18:12:50	0.9789	37.4° N	69.8° W	61.1°	02m04s
1902	06567	0753 Jan 09	12:29:12	0.9116	43.6° N	4.4° E	24.6°	10m06s
1903	06568	0753 Jul 05	13:47:40	1.0725	18.1° S	13.4° W	49.3°	06m38s
1904	06569	0753 Dec 29	11:55:43	0.9326	10.6° S	16.8° E	77.5°	09m16s

TABLE

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1905	06570	0754 Jun 25	05:23:15	1.0391	29.1° N	112.7° E	84.4°	03m43s
1906	06571	0754 Dec 18	16:57:41	0.9799	52.5° S	64.5° W	60.9°	01m45s
1907	06572	0755 Jun 14	15:09:50	0.9746	83.1° N	112.7° W	24.7°	01m38s
1908	06575	0756 Oct 28	09:53:47	1.0253	44.9° N	73.6° E	23.7°	01m55s
1909	06576	0757 Apr 23	05:24:52	0.9766	6.3° S	120.8° E	68.1°	02m34s
1910	06577	0757 Oct 17	22:05:15	0.9868	1.3° N	135.1° W	76.4°	01m20s
1911	06578	0758 Apr 12	14:46:19	1.0295	30.8° N	40.4° W	66.2°	02m27s
1912	06579	0758 Oct 07	03:19:35	0.9385	32.6° S	124.4° E	60.1°	06m12s
1913	06583	0760 Feb 21	13:05:15	1.0198	53.6° S	39.6° E	36.0°	01m22s
1914	06584	0760 Aug 15	15:46:22	0.9888	64.5° N	24.9° E	21.4°	00m43s
1915	06585	0761 Feb 09	23:08:52	0.9686	18.5° S	146.9° W	84.1°	03m15s
1916	06586	0761 Aug 05	04:19:51	1.0549	24.1° N	133.1° E	81.5°	04m38s
1917	06587	0762 Jan 30	01:45:52	0.9239	19.2° N	156.4° E	51.3°	09m22s
1918	06588	0762 Jul 25	21:02:22	1.0729	14.8° S	132.8° W	54.2°	06m20s
1919	06592	0763 Dec 09	14:25:24	0.9872	86.6° S	127.7° E	20.3°	00m45s
1920	06593	0764 Jun 04	12:12:18	0.9685	54.5° N	9.5° E	58.4°	02m55s
1921	06594	0764 Nov 28	03:55:17	1.0412	35.4° S	131.9° E	76.7°	03m32s
1922	06595	0765 May 24	13:41:46	0.9480	7.3° N	12.3° W	75.8°	07m17s
1923	06596	0765 Nov 17	19:39:02	1.0389	6.0° N	101.2° W	63.7°	03m49s
1924	06597	0766 May 13	15:18:08	0.9562	66.1° S	17.0° W	3.2°	03m35s
1925	06599	0767 Apr 03	13:57:12	1.0311	69.2° N	67.0° W	19.0°	01m55s
1926	06600	0767 Sep 27	22:34:38	0.9270	72.0° S	112.6° E	0.0°	00m00s
1927	06601	0768 Mar 23	05:55:58	1.0679	13.9° N	102.1° E	78.1°	05m56s
1928	06602	0768 Sep 15	22:12:37	0.9362	15.8° S	147.1° W	71.9°	08m00s
1929	06603	0769 Mar 12	22:09:04	1.0413	31.1° S	126.0° W	58.8°	03m32s
1930	06604	0769 Sep 05	01:40:10	0.9795	30.0° N	175.9° E	64.4°	02m06s
1931	06608	0771 Jan 20	20:20:40	0.9125	47.5° N	119.4° W	22.5°	09m31s
1932	06609	0771 Jul 16	21:18:25	1.0684	25.2° S	129.8° W	43.7°	06m04s
1933	06610	0772 Jan 09	20:01:18	0.9358	8.7° S	105.1° W	77.1°	08m46s
1934	06611	0772 Jul 05	12:35:35	1.0347	23.9° N	4.9° E	88.7°	03m27s
1935	06612	0772 Dec 29	01:29:11	0.9836	51.9° S	172.2° E	61.2°	01m26s
1936	06613	0773 Jun 24	21:52:22	0.9734	79.1° N	148.0° W	34.0°	01m53s
1937	06616	0774 Nov 08	18:33:10	1.0210	45.0° N	60.4° W	22.0°	01m38s
1938	06617	0775 May 04	12:19:13	0.9811	7.7° S	16.8° E	63.5°	02m06s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1939	06618	0775 Oct 29	06:19:41	0.9814	1.3° S	100.4° E	75.4°	01m57s
1940	06619	0776 Apr 22	22:13:29	1.0356	31.4° N	150.8° W	70.2°	02m58s
1941	06620	0776 Oct 17	11:03:26	0.9343	35.6° S	8.5° E	61.7°	06m37s
1942	06624	0778 Mar 03	21:12:24	1.0192	51.9° S	81.3° W	32.4°	01m20s
1943	06625	0778 Aug 26	23:14:42	0.9864	63.1° N	71.8° W	10.9°	00m50s
1944	06626	0779 Feb 21	07:00:09	0.9685	16.1° S	95.2° E	82.4°	03m14s
1945	06627	0779 Aug 16	12:02:26	1.0544	23.5° N	18.3° E	78.1°	04m29s
1946	06628	0780 Feb 10	09:25:34	0.9257	20.2° N	39.7° E	53.1°	08m49s
1947	06629	0780 Aug 05	04:43:27	1.0708	13.0° S	110.9° E	58.5°	06m03s
1948	06633	0781 Dec 19	23:04:25	0.9903	83.2° S	37.2° W	20.5°	00m34s
1949	06634	0782 Jun 15	18:45:24	0.9649	61.0° N	83.3° W	52.3°	03m02s
1950	06635	0782 Dec 09	12:47:43	1.0421	36.7° S	0.7° E	76.6°	03m34s
1951	06636	0783 Jun 04	20:03:18	0.9489	13.9° N	109.0° W	81.0°	07m01s
1952	06637	0783 Nov 29	04:28:09	1.0365	3.9° N	124.9° E	63.8°	03m39s
1953	06638	0784 May 23	21:58:34	0.9653	44.6° S	132.5° W	23.7°	03m30s
1954	06640	0785 Apr 13	21:35:47	1.0317	72.8° N	113.4° E	3.0°	01m40s
1955	06642	0786 Apr 03	13:51:28	1.0709	21.0° N	19.3° W	75.1°	06m02s
1956	06643	0786 Sep 27	05:36:17	0.9344	22.4° S	99.6° E	69.5°	07m57s
1957	06644	0787 Mar 24	06:05:01	1.0422	24.2° S	111.9° E	61.7°	03m46s
1958	06645	0787 Sep 16	09:18:23	0.9799	23.1° N	58.8° E	67.2°	02m07s
1959	06649	0789 Jan 31	04:05:08	0.9136	52.7° N	117.2° E	19.2°	08m47s
1960	06650	0789 Jul 27	04:53:37	1.0636	32.9° S	111.7° E	37.8°	05m22s
1961	06651	0790 Jan 20	04:01:48	0.9396	5.8° S	133.9° E	76.3°	08m07s
1962	06652	0790 Jul 16	19:49:25	1.0296	18.0° N	104.1° W	87.1°	03m03s
1963	06653	0791 Jan 09	09:57:36	0.9880	49.8° S	48.9° E	61.7°	01m03s
1964	06654	0791 Jul 06	04:35:40	0.9709	71.2° N	127.5° E	41.3°	02m14s
1965	06658	0792 Nov 19	03:16:47	1.0172	45.2° N	163.8° E	20.9°	01m23s
1966	06659	0793 May 14	19:09:27	0.9852	10.3° S	86.4° W	58.5°	01m41s
1967	06660	0793 Nov 08	14:39:47	0.9765	3.7° S	25.5° W	74.8°	02m34s
1968	06661	0794 May 04	05:34:59	1.0413	31.2° N	100.6° E	74.4°	03m30s
1969	06662	0794 Oct 28	18:54:46	0.9305	38.8° S	108.9° W	62.9°	07m02s
1970	06663	0795 Apr 23	21:24:56	1.0587	65.2° N	130.7° E	8.5°	02m58s
1971	06665	0796 Mar 14	05:11:10	1.0181	51.4° S	160.4° E	27.7°	01m16s
1972	06667	0797 Mar 03	14:43:35	0.9685	13.7° S	20.8° W	80.3°	03m14s

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Total Solar Eclipses Around the World - Page 59
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
1973	06668	0797 Aug 26	19:51:37	1.0535	22.2° N	98.4° W	75.1°	04m21s
1974	06669	0798 Feb 20	16:57:03	0.9279	21.3° N	74.5° W	55.3°	08m15s
1975	06670	0798 Aug 16	12:29:40	1.0680	12.4° S	6.5° W	62.3°	05m42s
1976	06674	0799 Dec 31	07:41:20	0.9939	79.1° S	179.4° W	20.3°	00m21s
1977	06675	0800 Jun 26	01:19:56	0.9608	66.4° N	171.9° W	45.9°	03m11s
1978	06676	0800 Dec 19	21:39:25	1.0434	37.0° S	130.0° W	76.5°	03m38s
1979	06677	0801 Jun 15	02:24:30	0.9495	19.8° N	155.3° E	86.2°	06m41s
1980	06678	0801 Dec 09	13:18:07	1.0346	2.7° N	9.0° W	64.0°	03m29s
1981	06679	0802 Jun 04	04:38:09	0.9711	33.2° S	121.9° E	33.9°	03m12s
1982	06684	0804 Apr 13	21:39:23	1.0732	28.3° N	138.5° W	71.7°	06m03s
1983	06685	0804 Oct 07	13:09:48	0.9329	28.6° S	15.7° W	67.6°	07m52s
1984	06686	0805 Apr 03	13:51:56	1.0429	17.1° S	8.1° W	65.0°	04m00s
1985	06687	0805 Sep 26	17:06:36	0.9802	16.6° N	60.7° W	69.5°	02m09s
1986	06690	0807 Feb 11	11:42:08	0.9147	59.8° N	7.8° W	14.0°	07m53s
1987	06691	0807 Aug 07	12:33:13	1.0579	41.4° S	9.4° W	31.5°	04m35s
1988	06692	0808 Jan 31	11:57:31	0.9439	1.9° S	13.8° E	75.3°	07m22s
1989	06693	0808 Jul 27	03:06:05	1.0241	11.7° N	145.4° E	83.1°	02m33s
1990	06694	0809 Jan 19	18:23:53	0.9929	46.6° S	75.0° W	62.4°	00m38s
1991	06695	0809 Jul 16	11:18:57	0.9679	62.9° N	31.3° E	47.7°	02m41s
1992	06699	0810 Nov 30	12:02:24	1.0139	45.7° N	27.2° E	20.0°	01m08s
1993	06700	0811 May 26	01:59:01	0.9887	14.1° S	170.1° E	53.1°	01m17s
1994	06701	0811 Nov 19	23:02:52	0.9722	5.6° S	152.0° W	74.3°	03m10s
1995	06702	0812 May 14	12:55:16	1.0464	30.3° N	7.6° W	78.7°	04m00s
1996	06703	0812 Nov 08	02:49:59	0.9272	41.9° S	133.5° E	63.8°	07m26s
1997	06704	0813 May 04	05:01:53	1.0658	68.6° N	43.5° E	22.5°	03m34s
1998	06706	0814 Mar 25	12:59:04	1.0161	52.9° S	46.7° E	20.6°	01m07s
1999	06708	0815 Mar 14	22:15:01	0.9684	11.7° S	133.7° W	77.6°	03m15s
2000	06709	0815 Sep 07	03:50:18	1.0522	20.3° N	142.1° E	72.4°	04m14s
2001	06710	0816 Mar 03	00:17:49	0.9304	22.6° N	174.4° E	58.1°	07m45s
2002	06711	0816 Aug 26	20:23:34	1.0647	12.8° S	125.7° W	65.5°	05m20s
2003	06715	0818 Jan 10	16:17:09	0.9979	75.1° S	43.4° E	19.8°	00m07s
2004	06716	0818 Jul 07	07:53:36	0.9561	70.2° N	105.9° E	38.6°	03m22s
2005	06717	0818 Dec 31	06:30:18	1.0452	36.3° S	99.3° E	76.3°	03m44s
2006	06718	0819 Jun 26	08:46:33	0.9495	24.7° N	60.3° E	88.7°	06m22s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2007	06719	0819 Dec 20	22:08:51	1.0332	2.2° N	143.0° W	64.0°	03m19s
2008	06720	0820 Jun 14	11:19:09	0.9759	24.5° S	17.9° E	41.9°	02m49s
2009	06725	0822 Apr 25	05:20:58	1.0750	35.8° N	104.2° E	67.9°	05m58s
2010	06726	0822 Oct 18	20:52:23	0.9317	34.4° S	132.5° W	66.0°	07m45s
2011	06727	0823 Apr 14	21:31:15	1.0431	9.9° S	126.1° W	68.5°	04m11s
2012	06728	0823 Oct 08	01:04:03	0.9807	10.7° N	177.7° E	71.3°	02m09s
2013	06731	0825 Feb 21	19:10:32	0.9516	71.5° N	154.8° W	0.0°	00m00s
2014	06732	0825 Aug 17	20:18:04	1.0515	50.7° S	134.1° W	24.5°	03m46s
2015	06733	0826 Feb 10	19:46:24	0.9487	2.8° N	105.1° W	73.8°	06m32s
2016	06734	0826 Aug 07	10:27:15	1.0180	5.0° N	33.1° E	79.3°	01m56s
2017	06735	0827 Jan 31	02:43:18	0.9983	42.3° S	161.5° E	63.4°	00m09s
2018	06736	0827 Jul 27	18:06:50	0.9642	54.7° N	69.8° W	53.1°	03m15s
2019	06740	0828 Dec 10	20:49:00	1.0113	46.6° N	110.0° W	19.2°	00m56s
2020	06741	0829 Jun 05	08:47:46	0.9916	19.2° S	66.2° E	47.1°	00m57s
2021	06742	0829 Nov 30	07:29:09	0.9685	6.9° S	80.8° E	74.0°	03m43s
2022	06743	0830 May 25	20:11:21	1.0508	28.4° N	114.9° W	83.1°	04m31s
2023	06744	0830 Nov 19	10:51:10	0.9245	44.7° S	15.1° E	64.4°	07m47s
2024	06745	0831 May 15	12:34:04	1.0705	69.6° N	50.4° W	31.3°	04m00s
2025	06747	0832 Apr 04	20:39:15	1.0120	58.4° S	56.1° W	7.5°	00m47s
2026	06749	0833 Mar 25	05:37:48	0.9684	10.1° S	115.4° E	74.6°	03m18s
2027	06750	0833 Sep 17	11:56:03	1.0507	18.0° N	20.3° E	70.1°	04m08s
2028	06751	0834 Mar 14	07:30:30	0.9331	23.9° N	65.8° E	61.2°	07m17s
2029	06752	0834 Sep 07	04:24:14	1.0609	14.2° S	113.6° E	68.3°	04m57s
2030	06756	0836 Jul 17	14:30:27	0.9508	71.6° N	29.0° E	30.4°	03m34s
2031	06757	0837 Jan 10	15:17:40	1.0473	34.7° S	30.7° W	75.9°	03m52s
2032	06758	0837 Jul 06	15:11:47	0.9491	28.5° N	34.6° W	83.7°	06m05s
2033	06759	0837 Dec 31	06:56:29	1.0323	2.5° N	83.7° E	64.2°	03m12s
2034	06760	0838 Jun 25	18:01:51	0.9798	17.4° S	85.4° W	48.7°	02m24s
2035	06765	0840 May 05	12:57:06	1.0759	43.3° N	11.0° W	63.7°	05m46s
2036	06766	0840 Oct 29	04:43:55	0.9311	39.4° S	109.3° E	64.9°	07m35s
2037	06767	0841 Apr 25	05:01:45	1.0429	2.8° S	118.4° E	72.3°	04m17s
2038	06768	0841 Oct 18	09:11:07	0.9812	5.5° N	53.9° E	72.6°	02m07s
2039	06770	0842 Oct 07	20:58:30	1.0229	65.2° N	84.3° W	11.0°	01m30s
2040	06772	0843 Aug 29	04:09:48	1.0442	60.8° S	94.1° E	16.0°	02m56s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2041	06773	0844 Feb 22	03:29:45	0.9537	8.3° N	137.0° E	72.1°	05m41s
2042	06776	0845 Aug 07	00:57:55	0.9602	46.6° N	173.5° W	58.0°	03m54s
2043	06779	0846 Dec 22	05:34:51	1.0091	48.0° N	112.8° E	18.4°	00m45s
2044	06780	0847 Jun 16	15:39:22	0.9937	25.5° S	39.1° W	40.6°	00m42s
2045	06781	0847 Dec 11	15:54:14	0.9654	7.4° S	46.0° W	73.8°	04m13s
2046	06782	0848 Jun 05	03:29:17	1.0545	25.6° N	137.0° E	87.4°	04m59s
2047	06783	0848 Nov 29	18:54:07	0.9224	46.7° S	102.8° W	64.8°	08m06s
2048	06784	0849 May 25	20:03:24	1.0738	69.0° N	145.3° W	38.5°	04m22s
2049	06789	0851 Apr 05	12:48:54	0.9680	9.3° S	7.6° E	71.0°	03m25s
2050	06790	0851 Sep 28	20:12:09	1.0492	15.4° N	104.4° W	68.2°	04m03s
2051	06791	0852 Mar 24	14:33:08	0.9359	25.1° N	39.7° W	64.8°	06m53s
2052	06792	0852 Sep 17	12:32:17	1.0569	16.3° S	9.0° W	70.7°	04m35s
2053	06795	0854 Feb 01	09:15:03	1.0065	67.8° S	142.0° E	16.1°	00m22s
2054	06796	0854 Jul 28	21:09:52	0.9444	70.2° N	43.9° W	19.7°	03m47s
2055	06797	0855 Jan 22	00:01:28	1.0499	32.5° S	160.3° W	75.3°	04m01s
2056	06798	0855 Jul 17	21:41:01	0.9484	31.2° N	130.0° W	78.9°	05m52s
2057	06799	0856 Jan 11	15:41:03	1.0318	3.4° N	48.7° W	64.5°	03m05s
2058	06800	0856 Jul 06	00:49:20	0.9831	12.0° S	171.0° E	54.8°	02m00s
2059	06805	0858 May 16	20:29:15	1.0760	50.7° N	124.0° W	59.1°	05m30s
2060	06806	0858 Nov 09	12:41:59	0.9309	43.7° S	9.3° W	64.1°	07m24s
2061	06807	0859 May 06	12:26:38	1.0420	4.2° N	4.7° E	76.4°	04m17s
2062	06808	0859 Oct 29	17:26:19	0.9821	1.0° N	71.5° W	73.6°	02m03s
2063	06810	0860 Oct 18	05:25:01	1.0241	58.5° N	134.0° E	16.3°	01m42s
2064	06812	0861 Sep 08	12:08:25	1.0053	71.9° S	70.3° W	0.0°	00m00s
2065	06813	0862 Mar 04	11:03:38	0.9591	14.5° N	21.2° E	69.8°	04m49s
2066	06816	0863 Aug 18	07:55:50	0.9558	38.8° N	80.3° E	62.2°	04m38s
2067	06819	0865 Jan 01	14:19:03	1.0073	50.1° N	24.4° W	17.3°	00m36s
2068	06820	0865 Jun 26	22:31:49	0.9949	33.5° S	145.7° W	33.1°	00m31s
2069	06821	0865 Dec 22	00:20:03	0.9629	7.1° S	173.0° W	73.5°	04m37s
2070	06822	0866 Jun 16	10:46:25	1.0574	21.8° N	28.4° E	88.2°	05m24s
2071	06823	0866 Dec 11	02:59:11	0.9210	47.9° S	139.5° E	65.2°	08m22s
2072	06824	0867 Jun 06	03:30:59	1.0760	66.6° N	117.5° E	44.8°	04m43s
2073	06829	0869 Apr 15	19:52:37	0.9674	9.3° S	98.4° W	66.9°	03m35s
2074	06830	0869 Oct 09	04:35:25	1.0475	12.8° N	128.8° E	66.6°	04m00s

TABLE

Total Solar Eclipses Around the World - Page 62
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2075	06831	0870 Apr 04	21:26:39	0.9387	26.0° N	142.3° W	68.7°	06m35s
2076	06832	0870 Sep 28	20:47:50	1.0527	19.0° S	133.4° W	72.6°	04m15s
2077	06835	0872 Feb 12	17:35:06	1.0105	64.9° S	18.6° E	11.7°	00m36s
2078	06836	0872 Aug 08	03:55:30	0.9437	61.9° N	108.0° W	0.0°	00m00s
2079	06837	0873 Feb 01	08:39:14	1.0527	29.9° S	71.2° E	74.5°	04m12s
2080	06838	0873 Jul 28	04:15:40	0.9473	32.8° N	133.6° E	74.2°	05m44s
2081	06839	0874 Jan 22	00:20:14	1.0318	4.8° N	179.8° W	65.1°	03m01s
2082	06840	0874 Jul 17	07:42:26	0.9856	8.0° S	66.7° E	60.1°	01m39s
2083	06845	0876 May 27	03:57:56	1.0753	57.9° N	125.9° E	54.1°	05m10s
2084	06846	0876 Nov 19	20:46:20	0.9313	47.1° S	128.2° W	63.6°	07m11s
2085	06847	0877 May 16	19:44:56	1.0406	10.9° N	106.7° W	80.6°	04m09s
2086	06848	0877 Nov 09	01:49:24	0.9832	2.7° S	161.5° E	74.3°	01m57s
2087	06849	0878 May 06	05:48:12	0.9711	57.7° S	120.3° E	13.0°	02m28s
2088	06850	0878 Oct 29	13:59:59	1.0246	53.5° N	3.7° W	19.3°	01m50s
2089	06853	0880 Mar 14	18:31:57	0.9645	21.2° N	93.5° W	67.2°	03m59s
2090	06854	0880 Sep 08	09:02:03	0.9985	15.6° S	46.8° E	69.5°	00m09s
2091	06856	0881 Aug 28	14:59:00	0.9512	31.1° N	27.7° W	66.0°	05m26s
2092	06859	0883 Jan 12	22:58:13	1.0057	53.3° N	160.9° W	15.5°	00m27s
2093	06860	0883 Jul 08	05:30:38	0.9951	43.3° S	104.5° E	24.4°	00m27s
2094	06861	0884 Jan 02	08:42:03	0.9610	5.8° S	60.9° E	73.2°	04m55s
2095	06862	0884 Jun 26	18:06:43	1.0596	17.2° N	81.6° W	83.9°	05m43s
2096	06863	0884 Dec 21	11:02:39	0.9203	47.9° S	22.5° E	65.5°	08m35s
2097	06864	0885 Jun 16	10:58:05	1.0772	62.6° N	16.4° E	50.5°	05m02s
2098	06869	0887 Apr 27	02:46:27	0.9664	10.4° S	157.9° E	62.3°	03m50s
2099	06870	0887 Oct 20	13:06:40	1.0461	10.2° N	0.2° W	65.4°	03m59s
2100	06871	0888 Apr 15	04:11:50	0.9414	26.5° N	117.7° E	72.9°	06m22s
2101	06872	0888 Oct 09	05:11:15	1.0484	22.1° S	100.4° E	74.1°	03m55s
2102	06875	0890 Feb 23	01:48:59	1.0005	61.2° S	89.1° W	0.0°	00m00s
2103	06877	0891 Feb 12	17:10:42	1.0557	27.0° S	56.2° W	73.2°	04m23s
2104	06878	0891 Aug 08	10:57:55	0.9458	33.4° N	35.3° E	69.8°	05m42s
2105	06879	0892 Feb 02	08:54:33	1.0320	6.6° N	50.3° E	65.9°	02m57s
2106	06880	0892 Jul 27	14:41:15	0.9877	5.2° S	38.6° W	65.0°	01m22s
2107	06885	0894 Jun 07	11:24:26	1.0736	64.6° N	19.5° E	48.6°	04m47s
2108	06886	0894 Dec 01	04:54:33	0.9324	49.4° S	113.1° E	63.2°	06m56s

TABLE

Total Solar Eclipses Around the World - Page 63
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2109	06887	0895 May 28	03:00:09	1.0383	17.0° N	143.3° E	84.9°	03m54s
2110	06888	0895 Nov 20	10:16:39	0.9849	5.6° S	33.8° E	74.7°	01m45s
2111	06889	0896 May 16	12:39:28	0.9727	43.7° S	6.4° E	25.7°	02m43s
2112	06890	0896 Nov 08	22:40:33	1.0251	49.5° N	140.8° W	21.2°	01m57s
2113	06893	0898 Mar 26	01:51:40	0.9700	28.5° N	153.7° E	64.0°	03m12s
2114	06894	0898 Sep 19	16:48:21	0.9919	22.2° S	72.4° W	66.9°	00m50s
2115	06895	0899 Mar 15	11:01:39	1.0232	18.3° S	31.7° E	71.1°	02m14s
2116	06896	0899 Sep 08	22:11:30	0.9465	23.8° N	138.2° W	69.1°	06m15s
2117	06899	0901 Jan 23	07:33:16	1.0042	57.8° N	62.0° E	12.6°	00m19s
2118	06900	0901 Jul 18	12:33:26	0.9934	58.0° S	10.5° W	11.0°	00m32s
2119	06901	0902 Jan 12	17:00:22	0.9597	3.6° S	64.5° W	72.7°	05m06s
2120	06902	0902 Jul 08	01:28:49	1.0609	11.7° N	167.1° E	79.6°	05m55s
2121	06903	0903 Jan 01	19:04:58	0.9202	46.6° S	94.4° W	66.0°	08m45s
2122	06904	0903 Jun 27	18:26:02	1.0773	57.4° N	88.8° W	55.8°	05m18s
2123	06909	0905 May 07	09:33:22	0.9649	12.8° S	55.8° E	57.1°	04m07s
2124	06910	0905 Oct 30	21:44:30	1.0449	7.8° N	131.0° W	64.5°	03m59s
2125	06911	0906 Apr 26	10:50:32	0.9440	26.4° N	19.6° E	77.4°	06m15s
2126	06912	0906 Oct 20	13:41:16	1.0444	25.3° S	27.1° W	75.3°	03m37s
2127	06913	0907 Apr 15	12:17:35	0.9550	63.9° N	70.9° W	16.7°	03m04s
2128	06914	0907 Oct 10	03:00:37	0.9869	62.7° S	54.1° E	9.0°	00m47s
2129	06917	0909 Feb 23	01:35:04	1.0587	24.2° S	177.8° E	71.6°	04m36s
2130	06918	0909 Aug 18	17:48:28	0.9442	33.1° N	65.4° W	65.6°	05m44s
2131	06919	0910 Feb 12	17:19:42	1.0326	8.6° N	77.1° W	67.2°	02m56s
2132	06920	0910 Aug 07	21:48:49	0.9891	3.8° S	145.8° W	69.3°	01m10s
2133	06925	0912 Jun 17	18:50:25	1.0709	70.4° N	81.2° W	42.6°	04m21s
2134	06926	0912 Dec 11	13:06:23	0.9341	50.4° S	5.7° W	63.0°	06m38s
2135	06927	0913 Jun 07	10:09:57	1.0354	22.6° N	35.5° E	89.4°	03m33s
2136	06928	0913 Nov 30	18:50:01	0.9870	7.6° S	95.2° W	75.0°	01m30s
2137	06929	0914 May 27	19:24:02	0.9728	33.2° S	100.7° W	34.6°	03m00s
2138	06930	0914 Nov 20	07:26:39	1.0258	46.5° N	81.8° E	22.3°	02m04s
2139	06933	0916 Apr 05	09:06:41	0.9753	36.1° N	42.2° E	60.4°	02m28s
2140	06934	0916 Sep 30	00:40:10	0.9855	28.7° S	167.5° E	64.7°	01m27s
2141	06935	0917 Mar 25	18:49:52	1.0296	11.4° S	87.9° W	74.0°	02m53s
2142	06936	0917 Sep 19	05:30:32	0.9419	16.9° N	109.6° E	71.9°	07m06s

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Total Solar Eclipses Around the World - Page 64
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2143	06937	0918 Mar 15	10:03:27	1.0490	68.4° S	94.4° E	12.6°	02m53s
2144	06939	0919 Feb 03	16:00:53	1.0020	65.2° N	78.9° W	6.4°	00m09s
2145	06941	0920 Jan 24	01:11:14	0.9587	0.3° S	171.6° E	71.9°	05m12s
2146	06942	0920 Jul 18	08:56:43	1.0615	5.8° N	53.7° E	75.4°	05m59s
2147	06943	0921 Jan 12	03:02:26	0.9207	44.0° S	149.1° E	66.7°	08m51s
2148	06944	0921 Jul 08	01:55:03	1.0765	51.4° N	162.7° E	60.7°	05m32s
2149	06949	0923 May 18	16:13:31	0.9628	16.6° S	44.9° W	51.2°	04m28s
2150	06950	0923 Nov 11	06:29:02	1.0440	5.8° N	96.5° E	64.0°	04m01s
2151	06951	0924 May 06	17:22:41	0.9462	25.4° N	76.7° W	82.1°	06m12s
2152	06952	0924 Oct 30	22:17:32	1.0405	28.5° S	155.9° W	76.1°	03m20s
2153	06953	0925 Apr 25	19:11:24	0.9627	64.2° N	156.5° W	27.7°	02m40s
2154	06954	0925 Oct 20	11:14:00	0.9827	64.9° S	67.0° W	14.0°	01m03s
2155	06957	0927 Mar 06	09:52:27	1.0617	21.6° S	53.4° E	69.7°	04m50s
2156	06958	0927 Aug 30	00:47:33	0.9425	32.2° N	168.8° W	61.8°	05m51s
2157	06959	0928 Feb 24	01:38:26	1.0332	10.9° N	157.3° E	68.7°	02m55s
2158	06960	0928 Aug 18	05:04:32	0.9902	3.5° S	105.1° E	73.2°	01m01s
2159	06965	0930 Jun 29	02:17:19	1.0671	74.4° N	173.2° W	36.0°	03m55s
2160	06966	0930 Dec 22	21:17:36	0.9364	50.3° S	124.2° W	62.7°	06m17s
2161	06967	0931 Jun 18	17:19:48	1.0318	27.3° N	71.4° W	86.2°	03m06s
2162	06968	0931 Dec 12	03:24:53	0.9896	8.7° S	135.7° E	75.2°	01m11s
2163	06969	0932 Jun 07	02:05:46	0.9719	24.7° S	154.8° E	42.0°	03m19s
2164	06970	0932 Nov 30	16:15:34	1.0268	44.3° N	55.9° W	23.0°	02m11s
2165	06974	0934 Apr 16	16:13:20	0.9804	44.2° N	67.2° W	56.1°	01m50s
2166	06975	0934 Oct 11	08:40:25	0.9794	34.6° S	45.8° E	63.0°	02m01s
2167	06976	0935 Apr 06	02:30:30	1.0358	4.3° S	154.4° E	77.2°	03m32s
2168	06977	0935 Sep 30	12:58:02	0.9375	10.5° N	4.5° W	74.2°	07m57s
2169	06978	0936 Mar 25	18:04:49	1.0555	59.4° S	48.5° W	21.3°	03m37s
2170	06979	0936 Sep 18	12:41:00	0.9215	70.1° N	58.4° E	8.8°	05m59s
2171	06982	0938 Feb 03	09:16:04	0.9583	3.8° N	48.9° E	70.7°	05m11s
2172	06983	0938 Jul 29	16:29:29	1.0614	0.5° S	61.5° W	71.5°	05m55s
2173	06984	0939 Jan 23	10:54:43	0.9219	40.3° S	32.8° E	67.6°	08m56s
2174	06985	0939 Jul 19	09:27:56	1.0748	44.9° N	51.1° E	65.1°	05m42s
2175	06990	0941 May 28	22:49:33	0.9603	21.9° S	145.2° W	44.6°	04m49s
2176	06991	0941 Nov 21	15:17:26	1.0435	4.2° N	36.9° W	63.6°	04m05s

TABLE

Total Solar Eclipses Around the World - Page 65
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2177	06992	0942 May 17	23:50:31	0.9481	23.4° N	172.0° W	87.0°	06m15s
2178	06993	0942 Nov 11	06:58:47	1.0370	31.4° S	74.6° E	76.6°	03m05s
2179	06994	0943 May 07	02:02:38	0.9693	64.0° N	114.2° E	36.0°	02m17s
2180	06995	0943 Oct 31	19:32:08	0.9783	67.8° S	166.7° E	16.8°	01m19s
2181	06999	0945 Mar 16	18:00:58	1.0644	19.4° S	69.0° W	67.2°	05m05s
2182	07000	0945 Sep 09	07:56:57	0.9407	30.8° N	84.6° E	58.3°	06m03s
2183	07001	0946 Mar 06	09:46:58	1.0338	13.1° N	34.4° E	70.8°	02m56s
2184	07002	0946 Aug 29	12:31:00	0.9909	4.3° S	6.6° W	76.5°	00m55s
2185	07004	0947 Aug 19	00:26:53	1.0357	51.3° S	139.1° E	17.2°	02m29s
2186	07006	0948 Jul 09	09:44:37	1.0621	75.4° N	104.3° E	28.1°	03m27s
2187	07007	0949 Jan 02	05:29:26	0.9394	49.1° S	116.8° E	62.4°	05m54s
2188	07008	0949 Jun 29	00:26:52	1.0274	31.3° N	176.8° W	81.7°	02m36s
2189	07009	0949 Dec 22	12:01:30	0.9929	8.9° S	6.2° E	75.3°	00m48s
2190	07010	0950 Jun 18	08:43:41	0.9703	17.5° S	52.5° E	48.7°	03m40s
2191	07011	0950 Dec 12	01:07:14	1.0281	42.9° N	166.1° E	23.5°	02m19s
2192	07015	0952 Apr 26	23:17:22	0.9851	52.5° N	175.4° W	51.5°	01m17s
2193	07016	0952 Oct 21	16:46:04	0.9736	40.2° S	76.4° W	61.6°	02m32s
2194	07017	0953 Apr 16	10:05:48	1.0418	2.8° N	38.1° E	80.7°	04m07s
2195	07018	0953 Oct 10	20:32:48	0.9333	4.6° N	120.1° W	76.0°	08m46s
2196	07019	0954 Apr 06	01:59:15	1.0611	50.3° S	178.9° W	28.2°	04m20s
2197	07020	0954 Sep 29	20:04:21	0.9220	61.4° N	80.1° W	18.5°	06m47s
2198	07023	0956 Feb 14	17:11:45	0.9580	8.8° N	71.8° W	69.2°	05m06s
2199	07024	0956 Aug 09	00:08:26	1.0607	7.2° S	178.7° W	67.7°	05m43s
2200	07025	0957 Feb 02	18:39:45	0.9236	35.6° S	82.9° W	68.9°	08m57s
2201	07026	0957 Jul 29	17:04:35	1.0723	38.0° N	63.0° W	69.2°	05m46s
2202	07031	0959 Jun 09	05:22:03	0.9569	29.1° S	114.7° E	37.0°	05m06s
2203	07032	0959 Dec 03	00:08:45	1.0435	3.3° N	171.0° W	63.4°	04m10s
2204	07033	0960 May 28	06:15:21	0.9497	20.3° N	93.1° E	88.0°	06m21s
2205	07034	0960 Nov 21	15:44:42	1.0338	33.8° S	55.6° W	76.9°	02m52s
2206	07035	0961 May 17	08:48:53	0.9753	62.8° N	25.1° E	43.3°	01m54s
2207	07036	0961 Nov 11	03:56:16	0.9739	71.3° S	35.8° E	18.1°	01m35s
2208	07040	0963 Mar 28	02:02:32	1.0668	17.8° S	170.3° E	64.3°	05m20s
2209	07041	0963 Sep 20	15:16:29	0.9391	29.1° N	25.3° W	55.2°	06m18s
2210	07042	0964 Mar 16	17:48:19	1.0344	15.3° N	86.3° W	73.1°	02m57s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2211	07043	0964 Sep 08	20:05:22	0.9914	5.8° S	120.3° W	79.4°	00m51s
2212	07045	0965 Aug 29	08:15:51	1.0377	47.1° S	24.8° E	25.6°	02m41s
2213	07047	0966 Jul 20	17:15:22	1.0556	72.4° N	23.0° E	17.8°	02m55s
2214	07048	0967 Jan 13	13:37:19	0.9430	47.0° S	1.9° W	61.8°	05m28s
2215	07049	0967 Jul 10	07:36:08	1.0225	34.1° N	78.0° E	77.3°	02m04s
2216	07050	0968 Jan 02	20:35:37	0.9967	8.4° S	122.7° W	75.6°	00m21s
2217	07051	0968 Jun 28	15:22:10	0.9680	11.7° S	49.0° W	54.7°	04m01s
2218	07052	0968 Dec 22	09:58:17	1.0299	41.8° N	28.3° E	24.1°	02m28s
2219	07056	0970 May 08	06:15:56	0.9892	61.3° N	78.3° E	46.0°	00m51s
2220	07057	0970 Nov 02	00:58:17	0.9684	45.1° S	161.0° E	60.5°	02m59s
2221	07058	0971 Apr 27	17:35:25	1.0473	9.9° N	76.5° W	84.4°	04m38s
2222	07059	0971 Oct 22	04:16:15	0.9295	0.6° S	122.4° E	77.5°	09m32s
2223	07060	0972 Apr 16	09:46:46	1.0660	41.4° S	56.2° E	34.5°	05m04s
2224	07061	0972 Oct 10	03:36:50	0.9216	54.0° N	155.2° E	23.7°	07m31s
2225	07064	0974 Feb 25	00:57:51	0.9580	14.6° N	169.4° E	67.2°	04m58s
2226	07065	0974 Aug 20	07:54:38	1.0594	13.9° S	61.9° E	64.2°	05m25s
2227	07066	0975 Feb 14	02:17:42	0.9258	30.2° S	162.2° E	70.5°	08m56s
2228	07067	0975 Aug 10	00:46:07	1.0692	31.0° N	179.2° W	72.9°	05m45s
2229	07068	0976 Feb 03	02:06:44	0.9262	70.4° S	61.0° W	0.0°	00m00s
2230	07071	0977 Jun 19	11:52:12	0.9526	38.8° S	14.2° E	27.5°	05m16s
2231	07072	0977 Dec 13	09:01:41	1.0439	3.0° N	54.5° E	63.2°	04m16s
2232	07073	0978 Jun 08	12:39:24	0.9507	16.3° N	2.2° W	82.9°	06m30s
2233	07074	0978 Dec 03	00:31:51	1.0311	35.4° S	174.5° E	77.2°	02m41s
2234	07075	0979 May 28	15:35:35	0.9806	60.5° N	65.9° W	49.8°	01m34s
2235	07076	0979 Nov 22	12:23:31	0.9699	75.0° S	98.4° W	18.8°	01m49s
2236	07080	0981 Apr 07	09:55:46	1.0687	17.1° S	51.7° E	60.8°	05m34s
2237	07081	0981 Sep 30	22:46:30	0.9376	27.4° N	138.5° W	52.6°	06m35s
2238	07082	0982 Mar 28	01:38:12	1.0348	17.2° N	156.3° E	75.9°	02m59s
2239	07083	0982 Sep 20	03:51:25	0.9916	8.0° S	122.9° E	81.8°	00m49s
2240	07085	0983 Sep 09	16:13:17	1.0386	45.7° S	93.8° W	31.3°	02m44s
2241	07089	0985 Jan 23	21:42:16	0.9472	44.3° S	120.8° W	61.1°	05m00s
2242	07090	0985 Jul 20	14:45:03	1.0170	35.9° N	26.6° W	72.8°	01m31s
2243	07092	0986 Jul 09	22:00:35	0.9651	7.0° S	149.8° W	60.3°	04m22s
2244	07093	0987 Jan 02	18:48:09	1.0323	41.2° N	108.9° W	24.7°	02m37s

TABLE

Total Solar Eclipses Around the World - Page 67
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2245	07096	0988 May 18	13:13:08	0.9929	70.2° N	26.0° W	39.9°	00m31s
2246	07097	0988 Nov 12	09:14:16	0.9636	49.2° S	38.8° E	59.8°	03m23s
2247	07098	0989 May 08	01:01:52	1.0523	16.8° N	170.3° E	88.4°	05m01s
2248	07099	0989 Nov 01	12:05:28	0.9261	5.1° S	3.9° E	78.6°	10m14s
2249	07100	0990 Apr 27	17:28:21	1.0700	33.0° S	65.2° W	40.3°	05m45s
2250	07101	0990 Oct 21	11:18:41	0.9211	47.9° N	32.3° E	27.1°	08m09s
2251	07106	0992 Mar 07	08:33:56	0.9580	21.0° N	52.9° E	64.7°	04m48s
2252	07107	0992 Aug 30	15:48:52	1.0577	20.7° S	59.7° W	61.0°	05m04s
2253	07108	0993 Feb 24	09:45:28	0.9283	24.0° S	49.0° E	72.6°	08m51s
2254	07109	0993 Aug 20	08:33:40	1.0654	24.0° N	62.4° E	76.3°	05m37s
2255	07110	0994 Feb 13	09:51:58	0.9303	74.3° S	151.1° E	6.2°	04m33s
2256	07111	0994 Aug 09	23:21:16	1.0017	70.5° N	26.8° W	0.0°	00m00s
2257	07113	0995 Jun 30	18:22:43	0.9465	53.9° S	88.3° W	13.2°	05m11s
2258	07114	0995 Dec 24	17:55:08	1.0448	3.6° N	80.1° W	63.1°	04m23s
2259	07115	0996 Jun 18	19:01:57	0.9514	11.3° N	97.9° W	77.7°	06m39s
2260	07116	0996 Dec 13	09:21:13	1.0289	36.2° S	44.3° E	77.2°	02m32s
2261	07117	0997 Jun 07	22:20:33	0.9853	56.8° N	158.6° W	55.8°	01m15s
2262	07118	0997 Dec 02	20:53:29	0.9663	78.7° S	123.3° E	18.9°	02m02s
2263	07122	0999 Apr 18	17:43:24	1.0700	17.3° S	65.7° W	56.9°	05m47s
2264	07123	0999 Oct 12	06:24:46	0.9364	25.7° N	105.8° E	50.4°	06m55s
2265	07124	1000 Apr 07	09:21:38	1.0348	18.7° N	40.8° E	79.0°	03m01s
2266	07125	1000 Sep 30	11:45:53	0.9919	10.6° S	4.1° E	83.8°	00m47s
2267	07126	1001 Mar 27	19:20:56	0.9637	61.1° N	178.0° W	11.5°	02m26s
2268	07127	1001 Sep 20	00:19:08	1.0388	46.1° S	144.9° E	35.5°	02m43s
2269	07131	1003 Feb 04	05:40:06	0.9517	41.5° S	121.4° E	59.9°	04m31s
2270	07134	1004 Jul 20	04:41:00	0.9618	3.7° S	109.6° E	65.4°	04m42s
2271	07135	1005 Jan 13	03:34:49	1.0352	40.7° N	115.1° E	25.8°	02m48s
2272	07138	1006 May 29	20:07:43	0.9955	79.8° N	124.9° W	32.5°	00m18s
2273	07139	1006 Nov 23	17:34:38	0.9596	52.3° S	83.0° W	59.3°	03m43s
2274	07140	1007 May 19	08:24:59	1.0566	23.3° N	58.6° E	87.5°	05m17s
2275	07141	1007 Nov 12	20:00:23	0.9233	8.8° S	115.6° W	79.4°	10m49s
2276	07142	1008 May 08	01:04:50	1.0734	25.1° S	175.9° E	45.9°	06m22s
2277	07143	1008 Oct 31	19:08:48	0.9207	43.0° N	90.9° W	29.5°	08m43s
2278	07148	1010 Mar 18	16:00:00	0.9581	28.1° N	61.4° W	61.7°	04m36s

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Total Solar Eclipses Around the World - Page 68
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2279	07149	1010 Sep 10	23:51:11	1.0557	27.5° S	176.7° E	58.2°	04m42s
2280	07150	1011 Mar 07	17:04:52	0.9311	17.3° S	62.7° W	75.1°	08m44s
2281	07151	1011 Aug 31	16:27:51	1.0612	17.1° N	58.0° W	79.2°	05m25s
2282	07152	1012 Feb 24	17:31:58	0.9376	71.7° S	11.9° W	15.8°	04m32s
2283	07153	1012 Aug 20	06:50:51	1.0086	73.0° N	143.6° E	18.8°	00m32s
2284	07156	1014 Jan 04	02:45:41	1.0462	5.0° N	146.0° E	62.8°	04m29s
2285	07157	1014 Jun 30	01:27:23	0.9515	5.5° N	165.0° E	72.5°	06m45s
2286	07158	1014 Dec 24	18:08:45	1.0272	35.9° S	85.3° W	77.4°	02m25s
2287	07159	1015 Jun 19	05:08:27	0.9894	52.0° N	105.3° E	61.4°	00m57s
2288	07160	1015 Dec 14	05:22:20	0.9633	82.5° S	19.5° W	19.1°	02m14s
2289	07164	1017 Apr 29	01:22:47	1.0706	18.7° S	178.9° E	52.4°	05m56s
2290	07165	1017 Oct 22	14:13:22	0.9355	24.1° N	13.1° W	48.7°	07m14s
2291	07166	1018 Apr 18	16:54:52	1.0344	19.5° N	71.7° W	82.5°	03m03s
2292	07167	1018 Oct 11	19:50:54	0.9923	13.5° S	117.3° W	85.3°	00m45s
2293	07168	1019 Apr 08	02:36:00	0.9664	60.6° N	87.3° E	22.3°	02m23s
2294	07169	1019 Oct 01	08:34:20	1.0386	47.8° S	20.9° E	38.6°	02m40s
2295	07173	1021 Feb 14	13:33:29	0.9568	38.5° S	3.9° E	58.3°	04m01s
2296	07176	1022 Jul 31	11:25:00	0.9580	1.5° S	8.4° E	70.1°	05m03s
2297	07177	1023 Jan 24	12:18:00	1.0386	40.5° N	19.7° W	27.2°	03m00s
2298	07180	1024 Jun 09	03:04:03	0.9971	87.6° N	130.3° W	23.4°	00m10s
2299	07181	1024 Dec 04	01:56:15	0.9561	54.2° S	156.2° E	58.9°	04m00s
2300	07182	1025 May 29	15:46:10	1.0602	29.2° N	51.8° W	83.3°	05m25s
2301	07183	1025 Nov 23	03:59:16	0.9211	11.5° S	124.3° E	79.9°	11m14s
2302	07184	1026 May 19	08:37:49	1.0758	17.8° S	58.9° E	51.2°	06m52s
2303	07185	1026 Nov 12	03:05:07	0.9208	39.0° N	145.2° E	31.2°	09m08s
2304	07190	1028 Mar 28	23:15:25	0.9579	35.8° N	173.3° W	58.0°	04m24s
2305	07191	1028 Sep 21	08:01:19	1.0534	34.0° S	51.3° E	55.7°	04m19s
2306	07192	1029 Mar 18	00:14:06	0.9342	10.2° S	172.3° W	78.0°	08m32s
2307	07193	1029 Sep 11	00:29:28	1.0567	10.4° N	179.6° E	81.8°	05m07s
2308	07194	1030 Mar 07	01:01:54	0.9446	64.1° S	147.6° W	22.8°	04m25s
2309	07198	1032 Jan 15	11:33:38	1.0479	7.4° N	12.5° E	62.4°	04m35s
2310	07199	1032 Jul 10	07:55:08	0.9513	1.1° S	66.4° E	67.2°	06m46s
2311	07200	1033 Jan 04	02:54:50	1.0260	34.5° S	145.2° E	77.6°	02m21s
2312	07201	1033 Jun 29	11:57:10	0.9928	46.2° N	6.8° E	66.7°	00m40s

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Total Solar Eclipses Around the World - Page 69
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2313	07202	1033 Dec 24	13:51:14	0.9609	85.6° S	179.6° W	19.1°	02m24s
2314	07206	1035 May 10	08:58:31	1.0703	21.4° S	64.1° E	47.3°	06m00s
2315	07207	1035 Nov 02	22:09:33	0.9352	22.7° N	134.1° W	47.5°	07m32s
2316	07208	1036 Apr 29	00:21:45	1.0335	19.6° N	177.6° E	86.2°	03m04s
2317	07209	1036 Oct 22	04:03:26	0.9928	16.4° S	119.5° E	86.5°	00m42s
2318	07210	1037 Apr 18	09:42:40	0.9679	60.7° N	9.9° W	30.3°	02m21s
2319	07211	1037 Oct 11	16:57:23	1.0382	50.3° S	104.8° W	41.0°	02m36s
2320	07215	1039 Feb 25	21:18:55	0.9620	35.8° S	112.0° W	56.3°	03m31s
2321	07216	1039 Aug 22	12:38:24	0.9980	35.8° N	12.1° E	60.5°	00m10s
2322	07218	1040 Aug 10	18:14:08	0.9539	0.4° S	93.7° W	74.4°	05m24s
2323	07219	1041 Feb 03	20:54:13	1.0424	40.4° N	152.0° W	29.2°	03m13s
2324	07222	1042 Jun 20	10:01:14	0.9958	71.9° N	167.8° W	6.7°	00m13s
2325	07223	1042 Dec 15	10:17:55	0.9533	54.8° S	36.1° E	58.5°	04m14s
2326	07224	1043 Jun 09	23:06:47	1.0630	34.5° N	161.0° W	78.9°	05m25s
2327	07225	1043 Dec 04	12:01:48	0.9196	13.4° S	3.7° E	80.3°	11m28s
2328	07226	1044 May 29	16:06:22	1.0775	11.1° S	56.2° W	56.4°	07m12s
2329	07227	1044 Nov 22	11:07:50	0.9213	36.0° N	20.3° E	32.3°	09m24s
2330	07232	1046 Apr 09	06:20:59	0.9576	44.0° N	77.2° E	53.7°	04m11s
2331	07233	1046 Oct 02	16:19:55	1.0512	40.3° S	75.8° W	53.6°	03m58s
2332	07234	1047 Mar 29	07:16:02	0.9373	2.9° S	79.8° E	81.3°	08m15s
2333	07235	1047 Sep 22	08:36:53	1.0519	4.0° N	55.8° E	84.0°	04m47s
2334	07236	1048 Mar 17	08:26:35	0.9514	55.6° S	88.7° E	28.9°	04m13s
2335	07237	1048 Sep 10	22:09:40	0.9994	56.8° N	119.9° W	31.1°	00m02s
2336	07241	1050 Jan 25	20:16:08	1.0499	10.6° N	119.8° W	61.6°	04m41s
2337	07242	1050 Jul 21	14:29:16	0.9506	8.2° S	34.4° W	62.1°	06m42s
2338	07243	1051 Jan 15	11:35:11	1.0252	31.9° S	16.7° E	78.0°	02m18s
2339	07244	1051 Jul 10	18:52:23	0.9957	39.9° N	95.1° W	71.6°	00m26s
2340	07245	1052 Jan 04	22:16:17	0.9591	86.3° S	14.2° W	19.5°	02m33s
2341	07249	1053 May 20	16:28:31	1.0690	25.7° S	49.6° W	41.4°	05m55s
2342	07250	1053 Nov 13	06:13:19	0.9355	21.6° N	102.7° E	46.6°	07m44s
2343	07251	1054 May 10	07:40:25	1.0319	18.8° N	69.0° E	89.7°	03m02s
2344	07252	1054 Nov 02	12:25:18	0.9937	19.2° S	5.8° W	87.3°	00m38s
2345	07253	1055 Apr 29	16:40:32	0.9687	60.8° N	105.2° W	37.3°	02m22s
2346	07254	1055 Oct 23	01:27:47	1.0377	53.4° S	128.1° E	42.8°	02m32s

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Total Solar Eclipses Around the World - Page 70
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2347	07258	1057 Mar 08	04:57:18	0.9675	33.6° S	133.5° E	53.7°	03m01s
2348	07259	1057 Sep 01	20:06:25	0.9911	34.6° N	98.6° W	56.8°	00m46s
2349	07260	1058 Feb 25	14:28:43	1.0229	1.5° N	33.1° W	80.6°	02m05s
2350	07261	1058 Aug 22	01:09:14	0.9496	0.4° S	162.7° E	78.2°	05m47s
2351	07262	1059 Feb 15	05:24:50	1.0465	40.6° N	77.7° E	31.6°	03m26s
2352	07263	1059 Aug 11	01:27:30	0.9337	49.9° S	125.8° E	17.8°	06m10s
2353	07267	1060 Dec 25	18:38:02	0.9511	54.2° S	83.7° W	58.2°	04m26s
2354	07268	1061 Jun 20	06:28:17	1.0651	38.9° N	90.7° E	74.5°	05m20s
2355	07269	1061 Dec 14	20:03:51	0.9187	14.3° S	116.7° W	80.7°	11m29s
2356	07270	1062 Jun 09	23:34:05	1.0781	5.2° S	170.2° W	61.3°	07m20s
2357	07271	1062 Dec 03	19:13:41	0.9223	33.8° N	105.1° W	33.2°	09m26s
2358	07276	1064 Apr 19	13:17:27	0.9568	52.8° N	30.1° W	48.7°	03m58s
2359	07277	1064 Oct 13	00:46:25	1.0490	46.2° S	156.0° E	51.9°	03m40s
2360	07278	1065 Apr 08	14:06:48	0.9403	4.7° N	25.3° W	85.1°	07m54s
2361	07279	1065 Oct 02	16:52:55	1.0471	2.0° S	69.9° W	85.7°	04m24s
2362	07280	1066 Mar 28	15:41:57	0.9582	46.7° S	28.8° W	34.8°	03m57s
2363	07281	1066 Sep 22	05:59:31	0.9941	49.7° N	115.7° E	34.9°	00m29s
2364	07285	1068 Feb 06	04:53:52	1.0521	14.7° N	108.8° E	60.6°	04m46s
2365	07286	1068 Jul 31	21:07:35	0.9495	15.8° S	137.0° W	56.9°	06m33s
2366	07287	1069 Jan 25	20:11:55	1.0249	28.4° S	111.7° W	78.6°	02m19s
2367	07288	1069 Jul 21	01:51:43	0.9979	33.2° N	160.5° E	76.2°	00m13s
2368	07289	1070 Jan 15	06:37:03	0.9580	83.3° S	174.7° E	20.3°	02m42s
2369	07290	1070 Jul 10	13:54:30	1.0404	80.0° N	133.7° E	12.4°	02m05s
2370	07292	1071 May 31	23:56:38	1.0667	31.6° S	163.5° W	34.5°	05m38s
2371	07293	1071 Nov 24	14:21:36	0.9362	20.8° N	21.8° W	46.0°	07m51s
2372	07294	1072 May 20	14:54:52	1.0299	16.9° N	38.6° W	85.5°	02m58s
2373	07295	1072 Nov 12	20:52:43	0.9948	21.6° S	132.2° W	87.9°	00m31s
2374	07296	1073 May 09	23:30:35	0.9690	60.3° N	161.7° E	43.8°	02m27s
2375	07297	1073 Nov 02	10:05:13	1.0373	56.8° S	0.1° E	44.1°	02m29s
2376	07302	1075 Mar 19	12:27:45	0.9728	32.2° S	20.9° E	50.6°	02m32s
2377	07303	1075 Sep 13	03:41:46	0.9844	33.1° N	148.1° E	53.5°	01m23s
2378	07304	1076 Mar 07	22:31:53	1.0290	3.9° N	154.1° W	82.6°	02m34s
2379	07305	1076 Sep 01	08:10:51	0.9452	1.2° S	57.6° E	81.7°	06m13s
2380	07306	1077 Feb 25	13:47:25	1.0510	41.0° N	49.7° W	34.5°	03m40s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2381	07307	1077 Aug 21	08:17:11	0.9344	43.9° S	27.0° E	27.8°	06m21s
2382	07311	1079 Jan 06	02:55:27	0.9495	52.5° S	156.6° E	57.7°	04m35s
2383	07312	1079 Jul 01	13:51:08	1.0663	42.3° N	16.9° W	70.0°	05m12s
2384	07313	1079 Dec 26	04:06:10	0.9185	14.4° S	123.0° E	81.1°	11m18s
2385	07314	1080 Jun 20	07:00:13	1.0779	0.2° S	76.9° E	66.1°	07m18s
2386	07315	1080 Dec 14	03:22:42	0.9239	32.4° N	129.0° E	33.8°	09m16s
2387	07320	1082 Apr 30	20:06:15	0.9556	62.1° N	135.6° W	42.8°	03m46s
2388	07321	1082 Oct 24	09:19:34	1.0470	51.7° S	27.3° E	50.6°	03m24s
2389	07322	1083 Apr 19	20:52:17	0.9432	12.3° N	128.8° W	89.1°	07m28s
2390	07323	1083 Oct 14	01:15:15	1.0424	7.4° S	163.1° E	87.2°	04m00s
2391	07324	1084 Apr 07	22:52:04	0.9649	38.1° S	142.9° W	40.4°	03m35s
2392	07325	1084 Oct 02	13:55:25	0.9887	43.3° N	8.6° W	37.8°	01m00s
2393	07329	1086 Feb 16	13:23:18	1.0544	19.7° N	20.9° W	59.1°	04m48s
2394	07330	1086 Aug 12	03:55:33	0.9482	23.5° S	117.3° E	52.0°	06m20s
2395	07331	1087 Feb 06	04:40:57	1.0248	24.0° S	121.1° E	79.5°	02m20s
2396	07332	1087 Aug 01	08:58:39	0.9996	26.2° N	53.1° E	80.4°	00m02s
2397	07333	1088 Jan 26	14:50:56	0.9575	78.9° S	29.2° E	21.9°	02m50s
2398	07334	1088 Jul 20	21:20:06	1.0453	80.7° N	83.3° W	25.1°	02m36s
2399	07336	1089 Jun 11	07:20:55	1.0629	40.1° S	82.9° E	25.9°	05m05s
2400	07337	1089 Dec 04	22:34:53	0.9378	20.5° N	147.6° W	45.7°	07m48s
2401	07338	1090 May 31	22:03:44	1.0270	14.0° N	145.2° W	81.0°	02m48s
2402	07339	1090 Nov 24	05:25:50	0.9965	23.5° S	100.3° E	88.2°	00m21s
2403	07340	1091 May 21	06:14:32	0.9687	58.7° N	69.9° E	49.9°	02m37s
2404	07341	1091 Nov 13	18:48:57	1.0371	60.3° S	128.2° W	44.9°	02m26s
2405	07346	1093 Mar 29	19:51:50	0.9782	31.6° S	90.2° W	46.8°	02m02s
2406	07347	1093 Sep 23	11:23:51	0.9777	31.5° N	32.4° E	50.4°	02m03s
2407	07348	1094 Mar 19	06:28:14	1.0350	6.1° N	86.7° E	85.0°	03m04s
2408	07349	1094 Sep 12	15:20:29	0.9408	2.8° S	49.7° W	84.7°	06m41s
2409	07350	1095 Mar 08	22:03:57	1.0554	41.8° N	174.8° W	37.7°	03m54s
2410	07351	1095 Sep 01	15:14:39	0.9343	41.2° S	76.0° W	34.7°	06m24s
2411	07356	1097 Jan 16	11:07:06	0.9483	50.1° S	37.2° E	56.9°	04m41s
2412	07357	1097 Jul 11	21:17:18	1.0667	44.5° N	124.6° W	65.6°	05m01s
2413	07358	1098 Jan 05	12:04:49	0.9189	13.8° S	3.7° E	81.7°	10m56s
2414	07359	1098 Jul 01	14:28:20	1.0768	3.8° N	35.8° W	70.6°	07m05s

TABLE

Total Solar Eclipses Around the World - Page 72
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2415	07360	1098 Dec 25	11:30:26	0.9263	31.4° N	3.5° E	34.7°	08m53s
2416	07365	1100 May 11	02:46:35	0.9536	72.4° N	119.9° E	35.6°	03m36s
2417	07366	1100 Nov 03	17:59:41	1.0453	56.5° S	101.5° W	49.7°	03m11s
2418	07367	1101 Apr 30	03:29:14	0.9459	20.0° N	130.3° E	86.5°	06m57s
2419	07368	1101 Oct 24	09:45:16	1.0378	12.3° S	34.7° E	88.2°	03m37s
2420	07369	1102 Apr 19	05:54:33	0.9714	29.5° S	106.2° E	46.1°	03m07s
2421	07370	1102 Oct 13	21:59:25	0.9833	37.8° N	133.9° W	39.9°	01m35s
2422	07375	1104 Feb 27	21:46:57	1.0568	25.3° N	149.3° W	57.2°	04m49s
2423	07376	1104 Aug 22	10:50:41	0.9466	31.5° S	9.2° E	47.2°	06m04s
2424	07377	1105 Feb 16	13:02:44	1.0249	18.9° S	5.0° W	80.7°	02m23s
2425	07379	1106 Feb 05	22:58:18	0.9575	73.6° S	106.6° W	24.0°	02m59s
2426	07380	1106 Aug 01	04:51:33	1.0481	70.8° N	142.2° E	33.0°	03m00s
2427	07382	1107 Jun 22	14:45:52	1.0570	53.6° S	32.0° W	12.8°	04m10s
2428	07383	1107 Dec 16	06:49:58	0.9398	20.8° N	86.1° E	45.5°	07m35s
2429	07384	1108 Jun 11	05:09:17	1.0235	10.0° N	108.5° E	76.4°	02m32s
2430	07385	1108 Dec 04	14:02:16	0.9986	24.7° S	27.7° W	88.5°	00m08s
2431	07386	1109 May 31	12:53:47	0.9678	55.9° N	21.8° W	55.7°	02m51s
2432	07387	1109 Nov 24	03:36:12	1.0372	63.5° S	104.6° E	45.5°	02m26s
2433	07392	1111 Apr 10	03:09:37	0.9832	32.3° S	160.1° E	42.2°	01m34s
2434	07393	1111 Oct 04	19:12:31	0.9712	30.1° N	85.5° W	47.7°	02m44s
2435	07394	1112 Mar 29	14:17:31	1.0410	8.0° N	30.5° W	87.8°	03m34s
2436	07395	1112 Sep 22	22:38:26	0.9365	4.8° S	159.1° W	87.3°	07m13s
2437	07396	1113 Mar 19	06:10:38	1.0598	42.7° N	63.6° E	41.4°	04m08s
2438	07397	1113 Sep 11	22:22:41	0.9336	40.5° S	177.7° E	39.8°	06m24s
2439	07402	1115 Jan 27	19:12:32	0.9477	47.3° S	81.6° W	55.9°	04m46s
2440	07403	1115 Jul 23	04:47:53	1.0663	45.6° N	126.8° E	61.2°	04m50s
2441	07404	1116 Jan 16	20:00:57	0.9200	12.4° S	115.2° W	82.3°	10m27s
2442	07405	1116 Jul 11	21:56:21	1.0748	6.8° N	148.0° W	75.0°	06m46s
2443	07406	1117 Jan 04	19:38:51	0.9292	31.0° N	121.9° W	35.5°	08m19s
2444	07410	1118 May 22	09:22:22	0.9508	83.9° N	5.6° E	26.4°	03m27s
2445	07411	1118 Nov 15	02:45:13	1.0439	60.4° S	130.5° E	49.1°	03m01s
2446	07412	1119 May 11	10:03:00	0.9484	27.4° N	30.9° E	81.9°	06m24s
2447	07413	1119 Nov 04	18:19:38	1.0335	16.4° S	94.2° W	89.0°	03m14s
2448	07414	1120 Apr 29	12:53:54	0.9777	21.3° S	2.9° W	51.5°	02m34s

TABLE

Total Solar Eclipses Around the World - Page 73
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2449	07415	1120 Oct 24	06:09:13	0.9781	33.2° N	100.0° E	41.4°	02m12s
2450	07420	1122 Mar 10	06:01:29	1.0588	31.6° N	84.2° E	54.8°	04m47s
2451	07421	1122 Sep 02	17:56:11	0.9449	39.3° S	102.0° W	42.6°	05m48s
2452	07422	1123 Feb 27	21:15:11	1.0251	13.1° S	129.3° W	82.4°	02m27s
2453	07424	1124 Feb 17	06:56:07	0.9581	67.5° S	123.0° E	26.8°	03m08s
2454	07425	1124 Aug 11	12:28:49	1.0496	61.4° N	20.4° E	39.2°	03m19s
2455	07429	1125 Dec 26	15:05:32	0.9426	21.8° N	40.3° W	45.2°	07m10s
2456	07430	1126 Jun 22	12:12:40	1.0193	5.0° N	2.1° E	71.6°	02m09s
2457	07432	1127 Jun 11	19:28:58	0.9665	51.8° N	114.2° W	61.4°	03m10s
2458	07433	1127 Dec 05	12:27:08	1.0377	65.9° S	21.2° W	45.8°	02m28s
2459	07437	1129 Apr 20	10:21:11	0.9879	34.5° S	52.1° E	36.6°	01m08s
2460	07438	1129 Oct 15	03:08:33	0.9651	28.7° N	154.2° E	45.5°	03m27s
2461	07439	1130 Apr 09	22:01:18	1.0466	9.3° N	146.1° W	89.1°	04m04s
2462	07440	1130 Oct 04	06:03:42	0.9324	7.2° S	89.7° E	89.5°	07m48s
2463	07441	1131 Mar 30	14:11:49	1.0638	43.9° N	55.8° W	45.2°	04m22s
2464	07442	1131 Sep 23	05:39:54	0.9328	41.2° S	68.9° E	43.8°	06m24s
2465	07447	1133 Feb 07	03:10:08	0.9473	44.3° S	160.7° E	54.4°	04m49s
2466	07448	1133 Aug 02	12:24:26	1.0652	45.8° N	16.5° E	56.9°	04m38s
2467	07449	1134 Jan 27	03:49:21	0.9217	10.6° S	127.9° E	83.3°	09m54s
2468	07450	1134 Jul 23	05:29:19	1.0720	8.6° N	99.0° E	79.0°	06m21s
2469	07451	1135 Jan 16	03:43:17	0.9329	30.9° N	114.0° E	36.7°	07m39s
2470	07452	1135 Jul 12	20:28:48	1.0179	51.5° S	147.8° W	14.0°	01m25s
2471	07455	1136 Jun 01	15:52:58	0.9459	78.0° N	124.5° E	10.9°	03m18s
2472	07456	1136 Nov 25	11:35:06	1.0430	63.3° S	4.0° E	48.7°	02m54s
2473	07457	1137 May 21	16:30:23	0.9504	34.5° N	66.0° W	76.9°	05m51s
2474	07458	1137 Nov 15	03:00:21	1.0297	19.6° S	135.7° E	89.5°	02m53s
2475	07459	1138 May 10	19:48:33	0.9835	13.5° S	110.0° W	56.9°	01m58s
2476	07460	1138 Nov 04	14:24:41	0.9732	29.4° N	27.2° W	42.4°	02m51s
2477	07465	1140 Mar 20	14:08:51	1.0607	38.6° N	40.8° W	51.9°	04m42s
2478	07466	1140 Sep 13	01:10:24	0.9431	47.1° S	144.0° E	38.3°	05m31s
2479	07467	1141 Mar 10	05:19:43	1.0254	6.9° S	107.9° E	84.4°	02m30s
2480	07469	1142 Feb 27	14:45:00	0.9589	60.8° S	2.9° W	30.1°	03m17s
2481	07470	1142 Aug 22	20:14:13	1.0504	52.9° N	100.7° W	44.1°	03m36s
2482	07474	1144 Jan 06	23:19:57	0.9459	23.5° N	166.6° W	44.8°	06m36s

TABLE

Total Solar Eclipses Around the World - Page 74
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2483	07477	1145 Jun 22	02:02:44	0.9645	46.6° N	151.7° E	66.8°	03m35s
2484	07478	1145 Dec 15	21:18:46	1.0387	67.0° S	145.0° W	46.1°	02m32s
2485	07482	1147 May 01	17:28:51	0.9918	38.7° S	54.9° W	29.7°	00m45s
2486	07483	1147 Oct 26	11:11:07	0.9595	27.6° N	31.7° E	43.7°	04m11s
2487	07484	1148 Apr 20	05:37:53	1.0519	9.8° N	100.3° E	85.7°	04m35s
2488	07485	1148 Oct 14	13:38:06	0.9286	9.7° S	23.9° W	88.7°	08m26s
2489	07486	1149 Apr 09	22:04:02	1.0676	44.9° N	171.9° W	49.4°	04m38s
2490	07487	1149 Oct 03	13:08:11	0.9320	43.0° S	42.7° W	46.9°	06m24s
2491	07492	1151 Feb 18	11:00:02	0.9473	41.6° S	44.2° E	52.4°	04m52s
2492	07493	1151 Aug 13	20:06:10	1.0635	45.2° N	95.7° W	52.7°	04m26s
2493	07494	1152 Feb 07	11:32:55	0.9238	8.4° S	12.0° E	84.6°	09m19s
2494	07495	1152 Aug 02	13:04:59	1.0685	9.5° N	14.4° W	82.9°	05m55s
2495	07496	1153 Jan 26	11:44:14	0.9372	31.1° N	9.0° W	38.2°	06m53s
2496	07497	1153 Jul 23	03:42:38	1.0161	41.6° S	105.0° E	25.6°	01m22s
2497	07501	1154 Dec 06	20:26:36	1.0425	64.8° S	121.0° W	48.5°	02m50s
2498	07502	1155 Jun 01	22:57:44	0.9520	41.1° N	161.5° W	71.8°	05m19s
2499	07503	1155 Nov 26	11:43:38	1.0263	21.9° S	5.5° E	89.8°	02m34s
2500	07504	1156 May 21	02:40:45	0.9889	6.3° S	144.3° E	62.2°	01m21s
2501	07505	1156 Nov 14	22:44:29	0.9687	26.5° N	155.2° W	43.0°	03m28s
2502	07510	1158 Mar 31	22:07:25	1.0620	46.2° N	163.9° W	48.3°	04m33s
2503	07511	1158 Sep 24	08:36:09	0.9415	54.6° S	26.5° E	34.3°	05m15s
2504	07512	1159 Mar 21	13:14:39	1.0254	0.3° S	12.7° W	86.8°	02m32s
2505	07514	1160 Mar 09	22:23:38	0.9599	53.5° S	124.9° W	34.0°	03m28s
2506	07515	1160 Sep 02	04:07:30	1.0504	44.9° N	137.1° E	48.1°	03m49s
2507	07519	1162 Jan 17	07:31:48	0.9498	26.1° N	67.7° E	44.2°	05m54s
2508	07522	1163 Jul 03	08:36:04	0.9620	40.5° N	55.9° E	71.9°	04m06s
2509	07523	1163 Dec 27	06:11:27	1.0400	66.6° S	91.5° E	46.4°	02m38s
2510	07527	1165 May 12	00:33:05	0.9946	46.0° S	160.4° W	20.3°	00m28s
2511	07528	1165 Nov 05	19:19:17	0.9544	26.7° N	92.6° W	42.3°	04m55s
2512	07529	1166 May 01	13:11:03	1.0567	9.5° N	12.4° W	82.0°	05m06s
2513	07530	1166 Oct 25	21:19:40	0.9253	12.2° S	139.2° W	87.3°	09m05s
2514	07531	1167 Apr 21	05:51:40	1.0709	45.8° N	73.9° E	53.6°	04m53s
2515	07532	1167 Oct 14	20:44:41	0.9313	45.4° S	156.0° W	49.4°	06m24s
2516	07537	1169 Feb 28	18:38:38	0.9473	39.3° S	69.7° W	49.8°	04m55s

TABLE

Total Solar Eclipses Around the World - Page 75
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2517	07538	1169 Aug 24	03:56:00	1.0612	44.1° N	149.2° E	48.8°	04m15s
2518	07539	1170 Feb 17	19:07:07	0.9264	6.1° S	101.5° W	86.3°	08m46s
2519	07540	1170 Aug 13	20:46:50	1.0645	9.3° N	129.3° W	86.3°	05m28s
2520	07541	1171 Feb 06	19:38:30	0.9421	31.6° N	129.7° W	40.2°	06m05s
2521	07542	1171 Aug 03	11:00:18	1.0126	36.2° S	4.6° W	33.1°	01m06s
2522	07546	1172 Dec 17	05:20:06	1.0426	64.6° S	114.3° E	48.3°	02m49s
2523	07547	1173 Jun 12	05:22:44	0.9531	47.0° N	105.1° E	66.4°	04m51s
2524	07548	1173 Dec 06	20:29:30	1.0234	23.2° S	125.0° W	89.9°	02m17s
2525	07549	1174 Jun 01	09:31:50	0.9938	0.3° N	39.7° E	67.4°	00m45s
2526	07550	1174 Nov 26	07:08:31	0.9647	24.4° N	76.0° E	43.4°	04m02s
2527	07555	1176 Apr 11	05:59:31	1.0629	54.2° N	74.2° E	44.0°	04m20s
2528	07556	1176 Oct 04	16:11:30	0.9400	61.7° S	94.1° W	30.8°	05m00s
2529	07557	1177 Mar 31	21:00:18	1.0253	6.6° N	131.2° W	89.6°	02m33s
2530	07559	1178 Mar 21	05:53:15	0.9610	46.0° S	116.4° E	38.1°	03m39s
2531	07560	1178 Sep 13	12:08:37	1.0500	37.6° N	13.3° E	51.5°	03m59s
2532	07565	1180 Jan 28	15:39:21	0.9542	29.5° N	57.2° W	43.2°	05m08s
2533	07568	1181 Jul 13	15:11:38	0.9590	33.9° N	42.0° W	76.8°	04m42s
2534	07569	1182 Jan 06	15:00:32	1.0419	64.4° S	32.7° W	46.9°	02m48s
2535	07570	1182 Jul 02	15:55:48	0.9368	74.6° N	120.1° E	7.2°	03m50s
2536	07574	1183 Nov 17	03:32:02	0.9500	26.2° N	141.7° E	41.2°	05m38s
2537	07575	1184 May 11	20:39:04	1.0609	8.3° N	123.9° W	78.0°	05m35s
2538	07576	1184 Nov 05	05:09:12	0.9224	14.4° S	103.7° E	86.3°	09m45s
2539	07577	1185 May 01	13:30:57	1.0736	46.0° N	37.2° W	58.0°	05m10s
2540	07578	1185 Oct 25	04:31:56	0.9308	48.4° S	88.5° E	51.2°	06m24s
2541	07583	1187 Mar 12	02:08:41	0.9474	37.8° S	178.2° E	46.5°	04m59s
2542	07584	1187 Sep 04	11:52:36	1.0585	42.8° N	31.5° E	45.0°	04m05s
2543	07585	1188 Feb 29	02:34:01	0.9294	3.8° S	146.9° E	88.3°	08m14s
2544	07586	1188 Aug 24	04:32:58	1.0598	8.4° N	114.6° E	89.6°	05m01s
2545	07587	1189 Feb 17	03:27:37	0.9475	32.3° N	111.4° E	42.5°	05m18s
2546	07592	1190 Dec 28	14:12:58	1.0430	63.1° S	11.2° W	48.1°	02m50s
2547	07593	1191 Jun 23	11:49:25	0.9538	52.0° N	13.2° E	60.9°	04m28s
2548	07594	1191 Dec 18	05:15:22	1.0209	23.6° S	104.7° E	89.9°	02m02s
2549	07595	1192 Jun 11	16:23:44	0.9981	6.0° N	64.3° W	72.4°	00m14s
2550	07596	1192 Dec 06	15:33:28	0.9614	23.1° N	52.9° W	43.5°	04m30s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2551	07600	1194 Apr 22	13:44:30	1.0629	62.9° N	46.7° W	38.9°	04m03s
2552	07601	1194 Oct 15	23:56:12	0.9389	68.2° S	142.0° E	27.8°	04m45s
2553	07602	1195 Apr 12	04:37:20	1.0248	13.6° N	112.7° E	87.2°	02m29s
2554	07604	1196 Mar 31	13:11:09	0.9621	38.1° S	1.4° E	42.6°	03m52s
2555	07605	1196 Sep 23	20:18:46	1.0491	30.9° N	112.3° W	54.2°	04m06s
2556	07610	1198 Feb 07	23:41:19	0.9590	33.9° N	178.9° E	41.7°	04m20s
2557	07611	1198 Aug 04	16:34:46	0.9967	22.0° S	72.8° W	51.7°	00m21s
2558	07613	1199 Jul 24	21:48:31	0.9557	26.8° N	141.4° W	81.6°	05m21s
2559	07614	1200 Jan 17	23:48:29	1.0443	61.0° S	159.1° W	47.4°	03m01s
2560	07615	1200 Jul 12	22:22:50	0.9409	83.6° N	101.5° W	24.9°	04m12s
2561	07619	1201 Nov 27	11:48:14	0.9461	26.0° N	15.0° E	40.4°	06m16s
2562	07620	1202 May 23	04:06:00	1.0643	6.0° N	124.6° E	73.8°	06m02s
2563	07621	1202 Nov 16	13:02:26	0.9202	16.2° S	14.2° W	85.5°	10m23s
2564	07622	1203 May 12	21:07:30	1.0755	45.5° N	147.2° W	62.4°	05m26s
2565	07623	1203 Nov 05	12:25:54	0.9307	51.4° S	27.9° W	52.6°	06m23s
2566	07628	1205 Mar 22	09:27:32	0.9473	37.3° S	69.0° E	42.3°	05m04s
2567	07629	1205 Sep 14	19:58:08	1.0556	41.4° N	89.5° W	41.5°	03m55s
2568	07630	1206 Mar 11	09:50:27	0.9326	1.8° S	37.9° E	89.1°	07m47s
2569	07631	1206 Sep 04	12:27:26	1.0549	6.8° N	3.7° W	87.6°	04m36s
2570	07632	1207 Feb 28	11:09:12	0.9534	33.2° N	5.0° W	45.4°	04m32s
2571	07638	1209 Jan 07	23:03:30	1.0439	60.6° S	137.9° W	47.7°	02m54s
2572	07639	1209 Jul 03	18:17:42	0.9540	55.8° N	77.1° W	55.1°	04m11s
2573	07640	1209 Dec 28	14:00:54	1.0190	23.0° S	25.5° W	89.8°	01m50s
2574	07642	1210 Dec 17	23:58:47	0.9585	22.5° N	178.1° E	43.7°	04m51s
2575	07643	1211 Jun 12	11:30:10	1.0434	51.7° S	3.4° E	14.6°	03m20s
2576	07645	1212 May 02	21:22:43	1.0620	72.4° N	168.7° W	32.6°	03m43s
2577	07646	1212 Oct 26	07:50:26	0.9382	74.2° S	14.8° E	25.4°	04m33s
2578	07647	1213 Apr 22	12:06:14	1.0239	20.7° N	1.1° W	83.6°	02m23s
2579	07649	1214 Apr 11	20:20:49	0.9629	30.2° S	110.8° W	47.3°	04m05s
2580	07650	1214 Oct 05	04:37:19	1.0480	24.8° N	120.3° E	56.4°	04m11s
2581	07655	1216 Feb 19	07:37:26	0.9641	39.1° N	56.0° E	39.7°	03m33s
2582	07656	1216 Aug 14	23:48:35	0.9899	29.9° S	174.6° E	46.7°	01m02s
2583	07657	1217 Feb 07	17:30:25	1.0226	11.7° S	76.2° W	88.9°	02m15s
2584	07658	1217 Aug 04	04:30:50	0.9520	19.4° N	117.0° E	85.9°	06m01s

TABLE

Total Solar Eclipses Around the World - Page 77
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2585	07659	1218 Jan 28	08:30:17	1.0470	56.5° S	73.1° E	48.3°	03m17s
2586	07660	1218 Jul 24	04:55:35	0.9425	72.3° N	135.3° E	34.3°	04m34s
2587	07665	1219 Dec 08	20:06:08	0.9430	26.3° N	112.3° W	39.8°	06m48s
2588	07666	1220 Jun 02	11:28:52	1.0670	2.6° N	13.7° E	69.2°	06m24s
2589	07667	1220 Nov 26	21:01:31	0.9185	17.4° S	133.4° W	84.9°	10m57s
2590	07668	1221 May 23	04:38:19	1.0767	43.9° N	104.3° E	66.9°	05m43s
2591	07669	1221 Nov 15	20:27:28	0.9310	54.2° S	145.0° W	53.6°	06m20s
2592	07674	1223 Apr 02	16:37:47	0.9470	38.2° S	38.0° W	37.2°	05m09s
2593	07675	1223 Sep 26	04:10:29	1.0525	40.2° N	147.0° E	38.3°	03m46s
2594	07676	1224 Mar 21	16:59:55	0.9359	0.0° S	69.1° W	86.2°	07m23s
2595	07677	1224 Sep 14	20:27:49	1.0496	4.7° N	123.7° W	85.1°	04m11s
2596	07678	1225 Mar 10	18:43:38	0.9596	34.3° N	118.9° W	48.6°	03m49s
2597	07679	1225 Sep 04	09:21:58	0.9977	31.9° S	19.0° E	47.8°	00m12s
2598	07684	1227 Jan 19	07:50:13	1.0450	57.4° S	94.3° E	47.0°	02m59s
2599	07685	1227 Jul 15	00:51:05	0.9537	58.3° N	167.2° W	49.1°	03m59s
2600	07688	1228 Dec 28	08:22:01	0.9564	22.5° N	49.7° E	43.9°	05m04s
2601	07689	1229 Jun 22	18:50:32	1.0496	39.0° S	109.7° W	27.0°	04m10s
2602	07691	1230 May 14	04:56:10	1.0596	82.5° N	52.4° E	24.4°	03m17s
2603	07692	1230 Nov 06	15:52:58	0.9381	79.6° S	116.1° W	23.6°	04m21s
2604	07693	1231 May 03	19:27:05	1.0224	27.8° N	112.3° W	79.7°	02m11s
2605	07695	1232 Apr 22	03:20:16	0.9636	22.2° S	140.3° E	52.3°	04m18s
2606	07696	1232 Oct 15	13:04:38	1.0469	19.5° N	8.9° W	58.0°	04m14s
2607	07701	1234 Mar 01	15:27:01	0.9693	45.2° N	66.0° W	37.1°	02m49s
2608	07702	1234 Aug 26	07:07:19	0.9829	38.0° S	60.0° E	41.7°	01m39s
2609	07703	1235 Feb 19	01:50:49	1.0280	6.6° S	157.8° E	87.6°	02m45s
2610	07704	1235 Aug 15	11:17:23	0.9481	11.9° N	13.7° E	89.9°	06m40s
2611	07705	1236 Feb 08	17:07:28	1.0501	51.3° S	55.5° W	49.5°	03m36s
2612	07706	1236 Aug 03	11:33:03	0.9432	61.9° N	29.8° E	41.6°	04m57s
2613	07711	1237 Dec 19	04:23:11	0.9404	27.3° N	120.5° E	39.2°	07m11s
2614	07712	1238 Jun 13	18:53:33	1.0689	1.7° S	98.2° W	64.6°	06m38s
2615	07713	1238 Dec 08	05:02:16	0.9175	17.9° S	107.1° E	84.4°	11m23s
2616	07714	1239 Jun 03	12:07:17	1.0771	41.3° N	4.2° W	71.4°	05m58s
2617	07715	1239 Nov 27	04:33:35	0.9318	56.5° S	98.1° E	54.3°	06m16s
2618	07719	1241 Apr 12	23:36:48	0.9462	41.1° S	141.6° W	30.4°	05m14s

TABLE

Total Solar Eclipses Around the World - Page 78
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2619	07720	1241 Oct 06	12:32:01	1.0494	39.2° N	20.3° E	35.6°	03m38s
2620	07721	1242 Apr 01	23:59:52	0.9393	1.1° N	173.6° W	82.8°	07m04s
2621	07722	1242 Sep 26	04:35:39	1.0443	2.2° N	114.3° E	83.0°	03m48s
2622	07723	1243 Mar 22	02:10:26	0.9659	35.5° N	129.9° E	52.2°	03m08s
2623	07724	1243 Sep 15	17:01:45	0.9920	33.0° S	96.0° W	51.1°	00m42s
2624	07729	1245 Jan 29	16:32:07	1.0465	54.0° S	33.8° W	46.0°	03m05s
2625	07730	1245 Jul 25	07:29:42	0.9528	59.6° N	102.3° E	42.9°	03m52s
2626	07733	1247 Jan 08	16:43:15	0.9547	23.1° N	78.1° W	44.2°	05m09s
2627	07734	1247 Jul 04	02:11:47	1.0539	30.9° S	137.9° E	35.5°	04m42s
2628	07736	1248 May 24	12:24:47	1.0549	78.2° N	170.9° W	10.6°	02m42s
2629	07738	1248 Nov 17	00:02:16	0.9385	84.4° S	107.9° E	22.5°	04m10s
2630	07739	1249 May 14	02:41:14	1.0204	34.7° N	139.0° E	75.4°	01m56s
2631	07741	1250 May 03	10:13:11	0.9639	14.6° S	33.6° E	57.2°	04m32s
2632	07742	1250 Oct 26	21:37:26	1.0458	14.9° N	139.2° W	59.3°	04m16s
2633	07746	1252 Mar 11	23:08:36	0.9745	52.2° N	172.8° E	33.5°	02m09s
2634	07747	1252 Sep 05	14:32:18	0.9757	46.2° S	57.0° W	36.7°	02m11s
2635	07748	1253 Mar 01	10:02:56	1.0336	0.8° S	33.4° E	85.9°	03m15s
2636	07749	1253 Aug 25	18:11:53	0.9440	4.4° N	91.8° W	86.2°	07m16s
2637	07750	1254 Feb 19	01:36:18	1.0534	45.4° S	176.3° E	51.2°	03m59s
2638	07751	1254 Aug 14	18:19:43	0.9433	52.6° N	75.8° W	47.5°	05m23s
2639	07756	1255 Dec 30	12:39:09	0.9385	28.9° N	6.5° W	38.5°	07m23s
2640	07757	1256 Jun 24	02:17:22	1.0698	7.0° S	149.4° E	59.8°	06m42s
2641	07758	1256 Dec 18	13:04:38	0.9172	17.5° S	12.7° W	84.0°	11m39s
2642	07759	1257 Jun 13	19:33:21	1.0765	37.6° N	112.8° W	75.9°	06m11s
2643	07760	1257 Dec 07	12:44:36	0.9332	57.9° S	18.9° W	54.8°	06m09s
2644	07763	1259 Apr 24	06:28:48	0.9445	46.9° S	117.9° E	21.1°	05m15s
2645	07764	1259 Oct 17	21:00:30	1.0464	38.4° N	108.8° W	33.3°	03m30s
2646	07765	1260 Apr 12	06:51:59	0.9426	1.5° N	83.9° E	79.0°	06m48s
2647	07766	1260 Oct 06	12:50:25	1.0390	0.4° S	9.6° W	81.2°	03m25s
2648	07767	1261 Apr 01	09:30:56	0.9724	36.6° N	21.0° E	56.0°	02m31s
2649	07768	1261 Sep 26	00:48:31	0.9863	35.0° S	147.3° E	53.8°	01m12s
2650	07773	1263 Feb 10	01:08:09	1.0480	50.7° S	161.5° W	44.6°	03m13s
2651	07774	1263 Aug 05	14:14:43	0.9516	60.0° N	10.2° E	36.3°	03m49s
2652	07777	1265 Jan 19	00:57:35	0.9538	23.9° N	156.0° E	44.9°	05m08s

TABLE

Total Solar Eclipses Around the World - Page 79
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2653	07778	1265 Jul 14	09:37:31	1.0568	25.3° S	25.1° E	42.2°	04m59s
2654	07782	1266 Nov 28	08:16:01	0.9396	88.5° S	67.7° W	21.7°	04m00s
2655	07783	1267 May 25	09:49:28	1.0177	41.2° N	32.9° E	70.9°	01m37s
2656	07785	1268 May 13	16:56:23	0.9638	7.2° S	69.9° W	62.4°	04m44s
2657	07786	1268 Nov 06	06:18:16	1.0448	11.2° N	88.8° E	60.2°	04m16s
2658	07790	1270 Mar 23	06:43:33	0.9795	60.0° N	50.7° E	28.8°	01m35s
2659	07791	1270 Sep 16	22:04:26	0.9686	54.3° S	177.2° W	31.9°	02m38s
2660	07792	1271 Mar 12	18:09:34	1.0392	5.4° N	89.9° W	83.9°	03m44s
2661	07793	1271 Sep 06	01:12:00	0.9398	3.0° S	161.0° E	82.7°	07m48s
2662	07794	1272 Mar 01	09:59:32	1.0569	39.2° S	48.6° E	53.2°	04m24s
2663	07795	1272 Aug 25	01:13:45	0.9430	43.9° N	177.3° E	52.4°	05m50s
2664	07800	1274 Jan 09	20:51:23	0.9372	31.3° N	132.8° W	37.7°	07m26s
2665	07801	1274 Jul 05	09:44:26	1.0700	13.0° S	35.5° E	54.9°	06m35s
2666	07802	1274 Dec 29	21:04:54	0.9174	16.2° S	132.2° W	83.6°	11m44s
2667	07803	1275 Jun 25	02:59:56	1.0752	33.0° N	137.5° E	80.2°	06m21s
2668	07804	1275 Dec 18	20:56:34	0.9352	58.0° S	135.5° W	55.3°	06m00s
2669	07805	1276 Jun 13	18:03:40	1.0202	82.2° N	135.2° E	17.8°	01m07s
2670	07807	1277 May 04	13:11:57	0.9528	62.6° S	34.0° E	0.0°	00m00s
2671	07808	1277 Oct 28	05:36:04	1.0438	37.9° N	119.6° E	31.4°	03m23s
2672	07809	1278 Apr 23	13:36:43	0.9457	1.0° N	16.7° W	74.8°	06m37s
2673	07810	1278 Oct 17	21:13:01	1.0338	3.0° S	135.4° W	79.9°	03m03s
2674	07811	1279 Apr 12	16:44:05	0.9788	37.4° N	85.3° W	60.2°	01m55s
2675	07812	1279 Oct 07	08:42:21	0.9805	37.6° S	29.1° E	55.9°	01m42s
2676	07816	1281 Feb 20	09:36:20	1.0496	47.8° S	72.1° E	42.6°	03m22s
2677	07817	1281 Aug 15	21:07:56	0.9497	59.9° N	84.2° W	29.2°	03m50s
2678	07820	1283 Jan 30	09:06:55	0.9533	25.1° N	31.5° E	45.8°	05m02s
2679	07821	1283 Jul 25	17:06:40	1.0587	21.4° S	88.1° W	48.0°	05m07s
2680	07825	1284 Dec 08	16:34:01	0.9414	86.2° S	56.2° E	21.3°	03m49s
2681	07828	1286 May 24	23:36:15	0.9632	0.4° S	171.9° W	67.5°	04m55s
2682	07829	1286 Nov 17	15:03:22	1.0441	8.2° N	43.9° W	60.8°	04m17s
2683	07833	1288 Apr 02	14:11:28	0.9840	68.5° N	76.4° W	22.4°	01m07s
2684	07834	1288 Sep 27	05:43:53	0.9616	62.1° S	58.9° E	27.2°	03m00s
2685	07835	1289 Mar 23	02:07:05	1.0448	12.1° N	148.9° E	81.4°	04m10s
2686	07836	1289 Sep 16	08:22:02	0.9357	10.1° S	51.5° E	79.8°	08m15s

TABLE

Total Solar Eclipses Around the World - Page 80
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2687	07837	1290 Mar 12	18:13:59	1.0604	32.7° S	77.6° W	55.7°	04m52s
2688	07838	1290 Sep 05	08:17:10	0.9424	35.8° N	68.4° E	56.6°	06m17s
2689	07843	1292 Jan 21	04:58:17	0.9363	34.6° N	102.0° E	36.5°	07m17s
2690	07844	1292 Jul 15	17:13:08	1.0692	19.9° S	79.6° W	49.7°	06m17s
2691	07845	1293 Jan 09	05:03:32	0.9185	13.9° S	108.4° E	83.0°	11m36s
2692	07846	1293 Jul 05	10:26:45	1.0730	27.5° N	26.7° E	84.5°	06m24s
2693	07847	1293 Dec 29	05:09:12	0.9379	56.8° S	107.6° E	55.8°	05m48s
2694	07848	1294 Jun 25	01:11:53	1.0194	84.5° N	153.7° E	28.5°	01m11s
2695	07851	1295 Nov 08	14:17:45	1.0414	37.5° N	14.0° W	30.0°	03m17s
2696	07852	1296 May 03	20:15:52	0.9485	0.5° S	116.1° W	70.2°	06m27s
2697	07853	1296 Oct 28	05:41:29	1.0289	5.5° S	97.2° E	78.8°	02m41s
2698	07854	1297 Apr 22	23:51:57	0.9850	37.7° N	170.4° E	64.5°	01m22s
2699	07855	1297 Oct 17	16:42:50	0.9751	40.6° S	90.4° W	57.6°	02m11s
2700	07859	1299 Mar 03	17:57:31	1.0510	45.5° S	53.0° W	39.9°	03m30s
2701	07860	1299 Aug 27	04:09:37	0.9474	60.0° N	180.0° E	21.0°	03m53s
2702	07863	1301 Feb 09	17:06:50	0.9533	26.4° N	90.3° W	47.3°	04m53s
2703	07864	1301 Aug 05	00:42:42	1.0597	19.1° S	157.3° E	52.9°	05m07s
2704	07868	1302 Dec 20	00:53:51	0.9438	82.1° S	85.3° W	21.1°	03m37s
2705	07871	1304 Jun 04	06:09:36	0.9622	5.9° N	88.6° E	72.7°	05m04s
2706	07872	1304 Nov 27	23:53:25	1.0438	6.2° N	177.7° W	61.2°	04m17s
2707	07875	1306 Apr 13	21:34:09	0.9872	75.5° N	130.6° E	12.1°	00m47s
2708	07876	1306 Oct 08	13:29:27	0.9547	69.4° S	70.7° W	22.5°	03m18s
2709	07877	1307 Apr 03	09:59:42	1.0501	18.9° N	29.0° E	78.7°	04m33s
2710	07878	1307 Sep 27	15:39:04	0.9317	16.9° S	59.6° W	77.1°	08m39s
2711	07879	1308 Mar 23	02:21:00	1.0638	25.9° S	157.8° E	58.5°	05m21s
2712	07880	1308 Sep 15	15:30:02	0.9416	28.2° N	42.6° W	60.1°	06m43s
2713	07885	1310 Jan 31	12:57:57	0.9357	38.9° N	21.9° W	34.7°	07m01s
2714	07886	1310 Jul 27	00:47:46	1.0676	27.2° S	163.0° E	44.5°	05m51s
2715	07887	1311 Jan 20	12:57:37	0.9200	10.6° S	10.1° W	82.2°	11m18s
2716	07888	1311 Jul 16	17:55:04	1.0700	21.4° N	85.4° W	88.6°	06m20s
2717	07889	1312 Jan 09	13:20:03	0.9413	54.3° S	10.2° W	56.4°	05m33s
2718	07890	1312 Jul 05	08:19:23	1.0171	75.4° N	68.1° E	36.3°	01m08s
2719	07893	1313 Nov 18	23:04:31	1.0395	37.4° N	149.3° W	29.1°	03m13s
2720	07894	1314 May 15	02:50:08	0.9510	3.3° S	145.5° E	65.2°	06m19s

TABLE

Total Solar Eclipses Around the World - Page 81
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2721	07895	1314 Nov 08	14:15:05	1.0244	7.6° S	31.3° W	78.0°	02m20s
2722	07896	1315 May 04	06:54:52	0.9909	37.3° N	67.7° E	69.0°	00m51s
2723	07897	1315 Oct 29	00:49:59	0.9698	43.8° S	149.1° E	58.8°	02m40s
2724	07901	1317 Mar 14	02:10:14	1.0522	44.2° S	175.9° W	36.5°	03m37s
2725	07902	1317 Sep 06	11:21:05	0.9439	60.9° N	87.6° E	9.3°	03m55s
2726	07905	1319 Feb 21	00:59:44	0.9537	28.0° N	150.1° E	49.2°	04m42s
2727	07906	1319 Aug 16	08:23:22	1.0600	18.0° S	41.9° E	57.2°	05m01s
2728	07910	1320 Dec 30	09:13:30	0.9468	77.9° S	141.3° E	20.7°	03m25s
2729	07913	1322 Jun 15	12:41:47	0.9607	11.4° N	9.8° W	77.8°	05m11s
2730	07914	1322 Dec 09	08:44:26	1.0439	5.0° N	48.4° E	61.5°	04m17s
2731	07915	1323 Jun 04	13:27:55	0.9383	56.1° S	23.4° W	10.7°	05m59s
2732	07918	1324 Oct 18	21:22:40	0.9483	75.4° S	149.9° E	18.0°	03m33s
2733	07919	1325 Apr 13	17:44:29	1.0551	26.0° N	88.8° W	75.4°	04m50s
2734	07920	1325 Oct 07	23:05:32	0.9281	23.2° S	172.5° W	74.9°	08m57s
2735	07921	1326 Apr 03	10:19:38	1.0668	19.0° S	35.3° E	61.6°	05m49s
2736	07922	1326 Sep 26	22:53:53	0.9409	21.3° N	156.1° W	62.9°	07m07s
2737	07926	1328 Feb 11	20:50:10	0.9356	44.1° N	144.7° W	32.3°	06m38s
2738	07927	1328 Aug 06	08:26:35	1.0652	35.1° S	43.6° E	39.1°	05m19s
2739	07928	1329 Jan 30	20:45:47	0.9222	6.5° S	127.7° W	81.2°	10m51s
2740	07929	1329 Jul 27	01:26:16	1.0662	14.9° N	160.9° E	87.4°	06m08s
2741	07930	1330 Jan 19	21:28:48	0.9452	50.6° S	129.0° W	57.1°	05m16s
2742	07931	1330 Jul 16	15:26:57	1.0139	66.5° N	35.7° W	42.7°	01m00s
2743	07935	1331 Nov 30	07:54:51	1.0380	37.6° N	74.2° E	28.5°	03m09s
2744	07936	1332 May 25	09:20:33	0.9531	7.3° S	47.6° E	59.7°	06m10s
2745	07937	1332 Nov 18	22:53:10	1.0202	9.2° S	160.8° W	77.5°	02m01s
2746	07938	1333 May 14	13:55:23	0.9964	36.1° N	34.2° W	73.5°	00m20s
2747	07939	1333 Nov 08	09:01:11	0.9651	46.8° S	28.4° E	59.7°	03m06s
2748	07942	1335 Mar 25	10:14:54	1.0528	44.2° S	63.3° E	32.1°	03m42s
2749	07946	1337 Mar 03	08:40:41	0.9544	29.5° N	34.1° E	51.6°	04m32s
2750	07947	1337 Aug 26	16:12:58	1.0595	18.1° S	75.7° W	60.9°	04m53s
2751	07951	1339 Jan 10	17:31:41	0.9504	73.9° S	10.9° E	20.0°	03m11s
2752	07954	1340 Jun 25	19:10:38	0.9587	16.0° N	106.7° W	82.9°	05m16s
2753	07955	1340 Dec 19	17:37:50	1.0444	4.7° N	86.0° W	61.7°	04m17s
2754	07956	1341 Jun 14	19:52:10	0.9433	39.6° S	123.3° W	26.5°	06m25s

TABLE

Total Solar Eclipses Around the World - Page 82
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2755	07959	1342 Oct 30	05:22:14	0.9422	78.6° S	5.8° W	13.4°	03m44s
2756	07960	1343 Apr 25	01:24:16	1.0597	33.1° N	155.2° E	71.9°	05m02s
2757	07961	1343 Oct 19	06:39:25	0.9247	29.0° S	73.3° E	73.1°	09m12s
2758	07962	1344 Apr 13	18:11:36	1.0695	12.0° S	85.4° W	65.1°	06m15s
2759	07963	1344 Oct 07	06:26:57	0.9402	15.1° N	88.4° E	65.3°	07m29s
2760	07967	1346 Feb 22	04:33:47	0.9354	50.4° N	93.4° E	28.9°	06m11s
2761	07968	1346 Aug 17	16:11:26	1.0622	43.4° S	78.6° W	33.5°	04m43s
2762	07969	1347 Feb 11	04:27:03	0.9248	1.5° S	116.0° E	79.8°	10m17s
2763	07970	1347 Aug 07	09:01:38	1.0618	8.1° N	45.7° E	83.6°	05m48s
2764	07971	1348 Jan 31	05:31:34	0.9498	46.0° S	111.9° E	58.3°	04m55s
2765	07976	1349 Dec 10	16:46:27	1.0371	38.2° N	62.7° W	27.9°	03m06s
2766	07977	1350 Jun 05	15:49:57	0.9547	12.4° S	50.7° W	53.9°	05m59s
2767	07980	1351 Nov 19	17:18:04	0.9608	49.4° S	92.7° W	60.2°	03m32s
2768	07981	1352 May 14	09:04:24	1.0427	73.6° N	48.5° W	18.8°	02m18s
2769	07983	1353 Apr 04	18:11:06	1.0527	46.0° S	54.7° W	26.2°	03m41s
2770	07987	1355 Mar 14	16:13:55	0.9552	31.2° N	79.3° W	54.4°	04m22s
2771	07988	1355 Sep 07	00:09:07	1.0586	19.2° S	165.3° E	64.2°	04m43s
2772	07992	1357 Jan 21	01:46:45	0.9543	70.1° S	116.8° W	18.6°	02m56s
2773	07993	1357 Jul 17	20:50:34	0.9942	61.5° N	100.5° W	43.4°	00m26s
2774	07994	1358 Jan 10	11:37:17	1.0183	32.0° S	14.4° E	77.9°	01m38s
2775	07995	1358 Jul 07	01:41:45	0.9562	19.6° N	156.6° E	87.8°	05m22s
2776	07996	1358 Dec 31	02:29:35	1.0454	5.1° N	140.0° E	61.9°	04m18s
2777	07997	1359 Jun 26	02:16:31	0.9463	29.9° S	138.3° E	36.3°	06m30s
2778	08001	1360 Nov 09	13:27:09	0.9366	76.8° S	166.6° W	8.6°	03m53s
2779	08002	1361 May 05	08:58:03	1.0635	40.2° N	41.4° E	67.9°	05m07s
2780	08003	1361 Oct 29	14:21:52	0.9219	34.1° S	42.1° W	71.7°	09m22s
2781	08004	1362 Apr 25	01:56:16	1.0717	5.2° S	155.9° E	68.8°	06m37s
2782	08005	1362 Oct 18	14:09:27	0.9397	9.6° N	29.1° W	67.1°	07m48s
2783	08008	1364 Mar 04	12:06:40	0.9352	57.9° N	28.8° W	24.1°	05m41s
2784	08009	1364 Aug 28	00:03:01	1.0584	51.9° S	155.6° E	27.6°	04m06s
2785	08010	1365 Feb 21	12:00:58	0.9279	4.1° N	1.2° E	78.0°	09m38s
2786	08011	1365 Aug 17	16:41:46	1.0569	1.1° N	71.2° W	80.1°	05m22s
2787	08012	1366 Feb 10	13:29:55	0.9549	40.6° S	7.4° W	59.7°	04m32s
2788	08017	1367 Dec 22	01:39:34	1.0366	39.2° N	159.8° E	27.5°	03m03s

TABLE

Total Solar Eclipses Around the World - Page 83
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2789	08018	1368 Jun 15	22:19:08	0.9557	18.9° S	149.8° W	47.5°	05m43s
2790	08021	1369 Nov 30	01:36:58	0.9570	51.4° S	146.6° E	60.6°	03m55s
2791	08022	1370 May 25	16:28:30	1.0497	76.2° N	124.0° W	29.1°	02m51s
2792	08024	1371 Apr 16	02:00:13	1.0512	50.7° S	168.9° W	17.5°	03m30s
2793	08028	1373 Mar 24	23:35:23	0.9561	32.7° N	170.9° E	57.7°	04m15s
2794	08029	1373 Sep 17	08:14:16	1.0573	21.0° S	44.0° E	66.8°	04m33s
2795	08033	1375 Feb 01	09:57:38	0.9586	66.8° S	118.4° E	16.4°	02m39s
2796	08034	1375 Jul 29	03:50:53	0.9876	62.3° N	165.3° E	36.7°	00m54s
2797	08035	1376 Jan 21	20:15:01	1.0225	29.5° S	113.5° W	77.5°	01m58s
2798	08036	1376 Jul 17	08:13:14	0.9533	22.2° N	60.3° E	87.4°	05m30s
2799	08037	1377 Jan 10	11:19:31	1.0469	6.1° N	6.5° E	62.3°	04m19s
2800	08038	1377 Jul 06	08:43:28	0.9484	22.8° S	40.2° E	44.1°	06m24s
2801	08042	1378 Nov 20	21:36:04	0.9635	68.1° S	45.5° E	0.0°	00m00s
2802	08043	1379 May 16	16:28:59	1.0668	47.0° N	70.5° W	63.7°	05m07s
2803	08044	1379 Nov 09	22:10:29	0.9195	38.3° S	158.0° W	70.7°	09m29s
2804	08045	1380 May 05	09:34:58	1.0733	1.5° N	39.2° E	72.7°	06m52s
2805	08046	1380 Oct 28	22:00:47	0.9395	4.9° N	148.4° W	68.5°	08m01s
2806	08049	1382 Mar 15	19:30:25	0.9344	66.6° N	156.5° W	16.9°	05m10s
2807	08050	1382 Sep 08	08:02:24	1.0541	60.5° S	24.3° E	21.2°	03m29s
2808	08051	1383 Mar 04	19:25:59	0.9312	10.4° N	111.8° W	75.8°	08m56s
2809	08052	1383 Aug 29	00:27:38	1.0516	5.9° S	170.2° E	76.9°	04m50s
2810	08053	1384 Feb 21	21:20:45	0.9606	34.6° S	126.0° W	61.5°	04m05s
2811	08054	1384 Aug 17	13:09:06	0.9999	41.7° N	4.5° W	57.4°	00m01s
2812	08058	1386 Jan 01	10:31:27	1.0366	40.8° N	22.6° E	27.0°	03m01s
2813	08059	1386 Jun 27	04:49:17	0.9561	26.6° S	110.0° E	40.5°	05m23s
2814	08062	1387 Dec 11	09:58:30	0.9539	52.4° S	26.1° E	60.8°	04m16s
2815	08063	1388 Jun 04	23:49:27	1.0552	74.2° N	156.6° E	37.1°	03m20s
2816	08070	1391 Apr 05	06:47:41	0.9570	33.9° N	64.2° E	61.4°	04m11s
2817	08071	1391 Sep 28	16:26:31	1.0557	23.4° S	78.9° W	69.1°	04m23s
2818	08074	1393 Feb 11	18:02:26	0.9628	64.1° S	1.4° W	12.4°	02m22s
2819	08075	1393 Aug 08	10:56:18	0.9804	62.3° N	70.1° E	29.2°	01m22s
2820	08076	1394 Feb 01	04:47:49	1.0270	26.6° S	119.2° E	76.7°	02m19s
2821	08077	1394 Jul 28	14:48:17	0.9501	23.7° N	36.5° W	82.7°	05m40s
2822	08078	1395 Jan 21	20:05:24	1.0487	7.7° N	126.0° W	62.9°	04m21s

TABLE

Total Solar Eclipses Around the World - Page 84
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2823	08079	1395 Jul 17	15:14:16	0.9497	17.7° S	58.2° W	50.7°	06m12s
2824	08083	1396 Dec 01	05:48:03	0.9463	67.0° S	88.6° W	0.0°	00m00s
2825	08084	1397 May 26	23:56:51	1.0692	53.4° N	179.9° W	59.1°	05m01s
2826	08085	1397 Nov 20	06:04:18	0.9178	41.6° S	85.7° E	69.9°	09m32s
2827	08086	1398 May 16	17:08:41	1.0741	7.7° N	75.7° W	76.8°	06m59s
2828	08087	1398 Nov 09	06:00:34	0.9397	1.1° N	90.5° E	69.5°	08m07s
2829	08090	1400 Mar 26	02:43:41	0.9506	72.0° N	34.0° E	0.0°	00m00s
2830	08091	1400 Sep 18	16:09:43	1.0490	68.7° S	118.1° W	13.7°	02m53s
2831	08092	1401 Mar 15	02:42:43	0.9347	17.2° N	137.1° E	73.1°	08m12s
2832	08093	1401 Sep 08	08:20:21	1.0459	12.8° S	49.9° E	74.0°	04m15s
2833	08094	1402 Mar 04	05:06:39	0.9665	28.2° S	115.9° E	63.7°	03m34s
2834	08095	1402 Aug 28	20:31:39	0.9943	34.0° N	117.4° W	61.2°	00m33s
2835	08098	1404 Jan 12	19:20:46	1.0369	43.3° N	114.3° W	26.2°	02m58s
2836	08099	1404 Jul 07	11:22:59	0.9558	35.9° S	7.5° E	32.5°	05m00s
2837	08102	1405 Dec 21	18:17:58	0.9514	52.2° S	93.7° W	61.0°	04m35s
2838	08103	1406 Jun 16	07:12:01	1.0596	69.4° N	64.4° E	43.7°	03m48s
2839	08110	1409 Apr 15	13:49:19	0.9577	34.6° N	39.1° W	65.4°	04m11s
2840	08111	1409 Oct 09	00:48:09	1.0539	26.2° S	156.1° E	70.9°	04m15s
2841	08114	1411 Feb 23	02:01:36	0.9654	61.6° S	105.7° W	1.2°	02m05s
2842	08115	1411 Aug 19	18:05:20	0.9724	62.2° N	23.9° W	19.9°	01m52s
2843	08116	1412 Feb 12	13:15:02	1.0319	23.5° S	7.0° W	75.7°	02m42s
2844	08117	1412 Aug 07	21:27:46	0.9465	24.4° N	134.5° W	78.2°	05m55s
2845	08118	1413 Feb 01	04:47:05	1.0509	9.6° N	102.6° E	63.6°	04m25s
2846	08119	1413 Jul 27	21:50:24	0.9506	14.1° S	157.5° W	56.5°	05m58s
2847	08123	1414 Dec 12	14:01:50	0.9330	65.9° S	137.3° E	0.0°	00m00s
2848	08124	1415 Jun 07	07:22:41	1.0708	59.2° N	73.7° E	54.1°	04m51s
2849	08125	1415 Dec 01	14:02:32	0.9166	43.7° S	30.7° W	69.3°	09m31s
2850	08126	1416 May 27	00:38:48	1.0742	13.5° N	171.0° E	81.0°	06m56s
2851	08127	1416 Nov 19	14:05:55	0.9404	1.8° S	31.6° W	70.3°	08m05s
2852	08128	1417 May 16	15:36:31	1.0179	48.9° S	46.3° W	19.8°	01m30s
2853	08131	1418 Sep 30	00:24:11	1.0112	71.8° S	63.7° E	0.0°	00m00s
2854	08132	1419 Mar 26	09:50:57	0.9383	24.5° N	28.0° E	70.0°	07m25s
2855	08133	1419 Sep 19	16:20:21	1.0401	19.5° S	72.1° W	71.4°	03m40s
2856	08134	1420 Mar 14	12:42:57	0.9727	21.4° S	0.3° W	66.3°	02m59s

TABLE

Total Solar Eclipses Around the World - Page 85
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2857	08135	1420 Sep 08	04:02:09	0.9885	26.7° N	127.7° E	64.4°	01m10s
2858	08138	1422 Jan 23	04:05:41	1.0374	46.6° N	109.5° E	24.9°	02m54s
2859	08139	1422 Jul 18	18:00:59	0.9545	47.2° S	98.5° W	22.7°	04m35s
2860	08142	1424 Jan 02	02:37:16	0.9495	50.7° S	146.2° E	61.3°	04m52s
2861	08143	1424 Jun 26	14:34:25	1.0629	63.1° N	36.6° W	49.7°	04m14s
2862	08150	1427 Apr 26	20:43:40	0.9583	34.7° N	140.2° W	69.7°	04m15s
2863	08151	1427 Oct 20	09:16:36	1.0521	29.1° S	29.6° E	72.3°	04m07s
2864	08153	1428 Oct 09	01:18:10	1.0281	63.0° S	61.0° E	5.4°	01m30s
2865	08155	1429 Aug 30	01:20:30	0.9782	61.0° N	98.8° W	0.0°	00m00s
2866	08156	1430 Feb 22	21:35:50	1.0369	20.5° S	131.9° W	74.3°	03m05s
2867	08157	1430 Aug 19	04:13:52	0.9428	24.2° N	125.7° E	74.0°	06m13s
2868	08158	1431 Feb 12	13:21:50	1.0534	11.9° N	26.9° W	64.8°	04m30s
2869	08159	1431 Aug 08	04:33:00	0.9509	12.0° S	102.0° E	61.6°	05m45s
2870	08164	1433 Jun 17	14:48:42	1.0714	64.0° N	29.5° W	48.7°	04m38s
2871	08165	1433 Dec 11	22:03:44	0.9162	44.6° S	147.3° W	68.8°	09m25s
2872	08166	1434 Jun 07	08:05:20	1.0735	18.7° N	59.3° E	85.3°	06m45s
2873	08167	1434 Nov 30	22:17:34	0.9416	3.7° S	155.0° W	70.8°	07m54s
2874	08168	1435 May 27	22:47:54	1.0184	37.8° S	160.2° W	29.6°	01m43s
2875	08169	1435 Nov 20	05:12:02	0.9868	68.2° N	111.8° E	0.0°	00m00s
2876	08172	1437 Apr 05	16:52:06	0.9419	32.1° N	79.3° W	66.4°	06m39s
2877	08173	1437 Sep 30	00:26:45	1.0343	25.9° S	164.7° E	69.2°	03m05s
2878	08174	1438 Mar 25	20:14:23	0.9790	14.5° S	115.5° W	69.2°	02m21s
2879	08175	1438 Sep 19	11:38:08	0.9826	19.8° N	11.4° E	67.1°	01m51s
2880	08178	1440 Feb 03	12:45:48	1.0380	50.9° N	26.5° W	22.9°	02m49s
2881	08179	1440 Jul 29	00:45:41	0.9505	66.1° S	142.4° E	4.6°	04m02s
2882	08181	1441 Jul 18	07:57:16	1.0182	8.6° N	61.6° E	79.1°	01m59s
2883	08182	1442 Jan 12	10:51:53	0.9482	48.0° S	26.1° E	61.7°	05m06s
2884	08183	1442 Jul 07	21:59:40	1.0654	56.2° N	143.3° W	55.1°	04m39s
2885	08190	1445 May 07	03:29:38	0.9585	33.8° N	121.2° E	74.2°	04m24s
2886	08191	1445 Oct 30	17:52:12	1.0505	32.0° S	98.2° W	73.4°	04m01s
2887	08193	1446 Oct 20	09:42:45	1.0258	65.8° S	56.8° W	13.0°	01m25s
2888	08196	1448 Mar 05	05:49:57	1.0421	17.7° S	104.7° E	72.5°	03m30s
2889	08197	1448 Aug 29	11:07:05	0.9389	23.4° N	23.8° E	70.1°	06m37s
2890	08198	1449 Feb 22	21:50:09	1.0561	14.3° N	154.6° W	66.3°	04m36s

TABLE

Total Solar Eclipses Around the World - Page 86
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2891	08199	1449 Aug 18	11:24:05	0.9509	11.1° S	0.5° W	66.2°	05m35s
2892	08204	1451 Jun 28	22:15:28	1.0711	67.5° N	128.8° W	42.9°	04m23s
2893	08205	1451 Dec 23	06:05:20	0.9164	44.3° S	96.0° E	68.4°	09m16s
2894	08206	1452 Jun 17	15:30:42	1.0719	23.0° N	51.3° W	89.6°	06m26s
2895	08207	1452 Dec 11	06:31:53	0.9434	4.8° S	81.1° E	71.2°	07m32s
2896	08208	1453 Jun 07	05:56:44	1.0175	29.4° S	88.7° E	37.1°	01m45s
2897	08209	1453 Nov 30	13:46:17	0.9842	60.4° N	27.7° W	6.7°	01m14s
2898	08212	1455 Apr 16	23:44:01	0.9454	40.0° N	176.1° E	62.2°	05m53s
2899	08213	1455 Oct 11	08:40:44	1.0286	31.8° S	40.2° E	67.4°	02m31s
2900	08214	1456 Apr 05	03:37:14	0.9853	7.3° S	131.5° E	72.6°	01m40s
2901	08215	1456 Sep 29	19:22:26	0.9768	13.5° N	106.7° W	69.4°	02m36s
2902	08218	1458 Feb 13	21:19:39	1.0386	56.3° N	162.6° W	19.9°	02m41s
2903	08221	1459 Jul 29	15:10:11	1.0196	1.8° N	48.2° W	74.9°	02m07s
2904	08222	1460 Jan 23	19:01:52	0.9475	44.2° S	94.0° W	62.3°	05m19s
2905	08223	1460 Jul 18	05:27:53	1.0669	48.9° N	106.4° E	60.1°	05m00s
2906	08230	1463 May 18	10:08:52	0.9584	31.9° N	24.2° E	78.9°	04m38s
2907	08231	1463 Nov 11	02:33:46	1.0490	34.5° S	133.0° E	74.2°	03m56s
2908	08232	1464 May 06	10:46:58	0.9367	71.2° N	72.7° W	17.6°	04m17s
2909	08233	1464 Oct 30	18:13:13	1.0225	68.9° S	176.0° E	16.5°	01m14s
2910	08236	1466 Mar 16	13:57:13	1.0471	15.3° S	17.1° W	70.4°	03m56s
2911	08237	1466 Sep 09	18:07:54	0.9351	22.2° N	80.5° W	66.5°	07m05s
2912	08238	1467 Mar 06	06:10:42	1.0589	16.7° N	79.9° E	68.2°	04m44s
2913	08239	1467 Aug 29	18:24:29	0.9505	11.3° S	105.2° W	70.1°	05m29s
2914	08243	1469 Jul 09	05:44:22	1.0697	69.3° N	134.7° E	36.6°	04m06s
2915	08244	1470 Jan 02	14:05:56	0.9173	43.1° S	20.7° W	67.9°	09m02s
2916	08245	1470 Jun 28	22:54:56	1.0695	26.4° N	161.0° W	86.1°	06m02s
2917	08246	1470 Dec 22	14:49:05	0.9458	4.9° S	43.4° W	71.5°	07m02s
2918	08247	1471 Jun 18	13:00:12	1.0157	22.3° S	19.7° W	43.9°	01m38s
2919	08248	1471 Dec 11	22:25:20	0.9871	57.1° N	165.0° W	9.0°	01m02s
2920	08252	1473 Apr 27	06:30:57	0.9486	48.1° N	73.3° E	57.6°	05m10s
2921	08253	1473 Oct 21	17:01:28	1.0231	37.3° S	85.1° W	66.0°	02m00s
2922	08254	1474 Apr 16	10:55:48	0.9916	0.2° S	19.7° E	76.2°	00m58s
2923	08255	1474 Oct 11	03:12:17	0.9711	7.8° N	134.1° E	71.3°	03m22s
2924	08256	1475 Apr 05	22:27:42	1.0310	60.5° S	123.6° W	15.5°	02m08s

TABLE

Total Solar Eclipses Around the World - Page 87
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2925	08258	1476 Feb 25	05:45:39	1.0386	63.1° N	58.7° E	15.0°	02m29s
2926	08261	1477 Aug 08	22:30:57	1.0206	5.2° S	160.5° W	71.0°	02m10s
2927	08262	1478 Feb 03	03:04:10	0.9472	39.5° S	146.4° E	63.3°	05m31s
2928	08263	1478 Jul 29	13:01:17	1.0676	41.4° N	6.8° W	64.5°	05m18s
2929	08270	1481 May 28	16:42:59	0.9577	28.8° N	71.9° W	83.8°	04m57s
2930	08271	1481 Nov 21	11:21:13	1.0479	36.6° S	3.3° E	74.6°	03m53s
2931	08272	1482 May 17	17:19:00	0.9420	73.4° N	137.0° W	29.4°	04m14s
2932	08273	1482 Nov 11	02:49:49	1.0189	72.5° S	44.0° E	18.5°	01m03s
2933	08276	1484 Mar 26	21:56:47	1.0521	13.5° S	137.0° W	67.7°	04m22s
2934	08277	1484 Sep 20	01:17:55	0.9313	20.8° N	172.4° E	63.3°	07m39s
2935	08278	1485 Mar 16	14:24:22	1.0615	19.1° N	43.6° W	70.3°	04m53s
2936	08279	1485 Sep 09	01:33:06	0.9500	12.4° S	148.0° E	73.6°	05m26s
2937	08283	1487 Jul 20	13:15:36	1.0673	69.3° N	39.6° E	29.2°	03m47s
2938	08284	1488 Jan 13	22:03:45	0.9187	41.0° S	137.4° W	67.2°	08m45s
2939	08285	1488 Jul 09	06:20:51	1.0663	28.9° N	89.5° E	81.9°	05m36s
2940	08286	1489 Jan 01	23:04:27	0.9489	4.3° S	167.5° W	72.0°	06m24s
2941	08288	1489 Dec 22	07:04:57	0.9904	54.6° N	58.8° E	10.9°	00m47s
2942	08292	1491 May 08	13:11:33	0.9514	56.5° N	26.9° W	52.2°	04m30s
2943	08293	1491 Nov 02	01:28:47	1.0179	42.0° S	148.9° E	64.9°	01m32s
2944	08294	1492 Apr 26	18:07:10	0.9976	6.8° N	90.0° W	80.1°	00m16s
2945	08295	1492 Oct 21	11:10:36	0.9657	2.8° N	13.1° E	72.7°	04m08s
2946	08296	1493 Apr 16	06:10:20	1.0392	49.5° S	107.3° E	24.9°	03m00s
2947	08298	1494 Mar 07	14:04:20	1.0368	71.3° N	99.2° W	4.4°	02m06s
2948	08301	1495 Aug 20	05:58:28	1.0210	12.4° S	85.1° E	67.2°	02m08s
2949	08302	1496 Feb 14	10:59:31	0.9474	34.2° S	27.5° E	64.7°	05m41s
2950	08303	1496 Aug 08	20:40:14	1.0675	33.9° N	122.4° W	68.5°	05m30s
2951	08308	1498 Jun 19	18:21:38	0.9956	25.1° S	91.8° W	41.5°	00m29s
2952	08309	1498 Dec 13	05:15:08	1.0174	1.5° N	104.3° E	64.9°	01m50s
2953	08310	1499 Jun 08	23:13:39	0.9567	24.7° N	167.8° W	88.7°	05m22s
2954	08311	1499 Dec 02	20:11:32	1.0471	37.9° S	126.7° W	75.0°	03m51s
2955	08312	1500 May 27	23:48:31	0.9461	71.5° N	152.4° E	38.1°	04m13s
2956	08313	1500 Nov 21	11:30:31	1.0156	76.4° S	91.4° W	19.6°	00m52s
2957	08317	1502 Apr 07	05:49:59	1.0567	12.6° S	104.7° E	64.6°	04m49s
2958	08318	1502 Oct 01	08:36:17	0.9277	19.3° N	62.8° E	60.5°	08m16s

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Total Solar Eclipses Around the World - Page 88
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2959	08319	1503 Mar 27	22:28:20	1.0640	21.1° N	164.1° W	73.0°	05m04s
2960	08320	1503 Sep 20	08:52:38	0.9494	14.1° S	38.5° E	76.5°	05m27s
2961	08322	1504 Sep 08	15:12:15	0.9924	55.3° S	102.6° W	18.0°	00m32s
2962	08324	1505 Jul 30	20:51:55	1.0635	67.9° N	55.6° W	20.3°	03m25s
2963	08325	1506 Jan 24	05:58:07	0.9209	38.3° S	106.1° E	66.4°	08m26s
2964	08326	1506 Jul 20	13:46:58	1.0623	30.4° N	19.8° W	77.6°	05m08s
2965	08327	1507 Jan 13	07:20:10	0.9526	3.0° S	68.3° E	72.4°	05m42s
2966	08329	1508 Jan 02	15:45:09	0.9941	52.8° N	77.0° W	12.6°	00m28s
2967	08333	1509 May 18	19:49:36	0.9539	64.9° N	124.3° W	46.3°	03m56s
2968	08336	1510 Nov 01	19:13:50	0.9607	1.5° S	108.7° W	73.9°	04m54s
2969	08337	1511 Apr 27	13:47:24	1.0463	40.0° S	14.7° W	32.3°	03m50s
2970	08338	1511 Oct 21	21:19:49	0.9416	70.7° N	98.6° W	0.0°	00m00s
2971	08343	1513 Aug 30	13:35:52	1.0211	19.5° S	31.9° W	63.8°	02m03s
2972	08344	1514 Feb 24	18:45:30	0.9479	28.2° S	90.0° W	66.4°	05m51s
2973	08345	1514 Aug 20	04:25:15	1.0667	26.5° N	119.9° E	72.2°	05m38s
2974	08350	1516 Jun 30	01:15:15	0.9899	33.8° S	161.3° E	33.7°	01m03s
2975	08351	1516 Dec 23	14:00:51	1.0199	2.2° N	27.9° W	64.8°	02m05s
2976	08352	1517 Jun 19	05:41:31	0.9552	19.5° N	96.1° E	86.2°	05m50s
2977	08353	1517 Dec 13	05:04:13	1.0468	38.2° S	103.0° E	75.2°	03m52s
2978	08354	1518 Jun 08	06:15:24	0.9496	67.0° N	73.4° E	45.6°	04m13s
2979	08355	1518 Dec 02	20:14:58	1.0124	80.4° S	128.7° E	20.0°	00m41s
2980	08359	1520 Apr 17	13:36:46	1.0609	12.6° S	12.2° W	61.1°	05m15s
2981	08360	1520 Oct 11	16:03:20	0.9244	17.8° N	49.4° W	58.0°	08m57s
2982	08361	1521 Apr 07	06:26:06	1.0662	22.8° N	77.3° E	75.9°	05m15s
2983	08362	1521 Sep 30	16:21:42	0.9489	16.2° S	73.3° W	79.0°	05m30s
2984	08363	1522 Mar 27	21:22:59	1.0076	62.0° N	127.7° E	4.3°	00m26s
2985	08364	1522 Sep 19	22:57:33	0.9947	53.9° S	146.1° E	25.3°	00m23s
2986	08366	1523 Aug 11	04:33:16	1.0558	62.7° N	135.9° W	1.9°	02m44s
2987	08367	1524 Feb 04	13:45:35	0.9234	35.4° S	9.3° W	65.1°	08m05s
2988	08368	1524 Jul 30	21:17:39	1.0577	30.8° N	130.2° W	73.6°	04m40s
2989	08369	1525 Jan 23	15:31:21	0.9569	1.2° S	54.8° W	73.2°	04m58s
2990	08371	1526 Jan 13	00:22:31	0.9985	51.0° N	148.8° E	14.7°	00m07s
2991	08375	1527 May 30	02:23:01	0.9556	73.4° N	144.6° E	39.4°	03m28s
2992	08378	1528 Nov 12	03:22:58	0.9562	4.9° S	128.4° E	74.6°	05m36s

TABLE

Total Solar Eclipses Around the World - Page 89
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
2993	08379	1529 May 07	21:19:50	1.0526	31.3° S	133.1° W	38.9°	04m38s
2994	08380	1529 Nov 01	05:04:11	0.9119	61.7° N	122.8° E	9.0°	08m09s
2995	08385	1531 Sep 10	21:21:52	1.0208	26.4° S	151.0° W	60.8°	01m56s
2996	08386	1532 Mar 07	02:21:39	0.9488	21.8° S	154.3° E	68.6°	05m59s
2997	08387	1532 Aug 30	12:17:45	1.0654	19.3° N	0.0° E	75.4°	05m40s
2998	08389	1533 Aug 20	05:04:01	1.0479	73.7° N	178.3° E	13.5°	02m40s
2999	08391	1534 Jul 11	08:08:46	0.9833	44.9° S	52.5° E	24.0°	01m35s
3000	08392	1535 Jan 03	22:45:49	1.0228	3.8° N	160.1° W	64.6°	02m22s
3001	08393	1535 Jun 30	12:08:20	0.9533	13.5° N	0.6° W	81.1°	06m19s
3002	08394	1535 Dec 24	13:56:57	1.0469	37.5° S	27.4° W	75.4°	03m55s
3003	08395	1536 Jun 18	12:43:21	0.9523	61.0° N	13.4° W	52.3°	04m17s
3004	08396	1536 Dec 13	04:59:20	1.0098	84.5° S	17.2° W	20.4°	00m33s
3005	08400	1538 Apr 28	21:17:31	1.0645	13.7° S	127.7° W	57.0°	05m38s
3006	08401	1538 Oct 22	23:38:41	0.9214	16.6° N	164.1° W	56.0°	09m41s
3007	08402	1539 Apr 18	14:15:07	1.0679	23.7° N	38.7° W	79.2°	05m28s
3008	08403	1539 Oct 12	00:01:45	0.9484	18.7° S	172.2° E	81.0°	05m35s
3009	08404	1540 Apr 07	05:04:30	1.0115	63.1° N	34.7° E	18.4°	00m42s
3010	08405	1540 Sep 30	06:54:11	0.9960	54.6° S	29.2° E	30.1°	00m17s
3011	08409	1542 Feb 14	21:27:23	0.9265	32.5° S	123.8° W	63.6°	07m44s
3012	08410	1542 Aug 11	04:51:06	1.0525	30.6° N	118.6° E	69.6°	04m12s
3013	08411	1543 Feb 03	23:38:52	0.9617	1.0° N	177.0° W	74.1°	04m14s
3014	08416	1545 Jun 09	08:57:28	0.9567	81.2° N	72.0° E	31.4°	03m06s
3015	08419	1546 Nov 23	11:35:42	0.9521	7.3° S	4.9° E	75.2°	06m13s
3016	08420	1547 May 19	04:48:58	1.0581	23.5° S	110.7° E	44.9°	05m22s
3017	08421	1547 Nov 12	12:54:24	0.9106	55.5° N	4.7° W	13.8°	08m59s
3018	08426	1549 Sep 21	05:16:24	1.0205	33.2° S	88.0° E	58.1°	01m49s
3019	08427	1550 Mar 18	09:47:48	0.9497	15.1° S	40.8° E	71.2°	06m05s
3020	08428	1550 Sep 10	20:17:38	1.0636	12.4° N	121.8° W	78.2°	05m37s
3021	08430	1551 Aug 31	12:53:01	1.0460	65.7° N	28.4° E	22.8°	02m52s
3022	08432	1552 Jul 21	15:03:48	0.9742	62.9° S	64.6° W	7.1°	02m05s
3023	08433	1553 Jan 14	07:28:09	1.0263	6.3° N	68.3° E	64.2°	02m41s
3024	08434	1553 Jul 10	18:36:34	0.9509	6.8° N	98.5° W	76.0°	06m46s
3025	08435	1554 Jan 03	22:49:38	1.0474	35.8° S	158.1° W	75.6°	04m00s
3026	08436	1554 Jun 29	19:10:40	0.9546	54.0° N	104.8° W	58.5°	04m22s

TABLE

Total Solar Eclipses Around the World - Page 90
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3027	08437	1554 Dec 24	13:45:21	1.0075	87.5° S	159.2° E	20.4°	00m25s
3028	08441	1556 May 09	04:53:36	1.0673	16.0° S	117.8° E	52.5°	05m58s
3029	08442	1556 Nov 02	07:22:13	0.9190	15.5° N	78.9° E	54.5°	10m24s
3030	08443	1557 Apr 28	21:59:05	1.0692	24.0° N	153.1° W	82.7°	05m42s
3031	08444	1557 Oct 22	07:49:28	0.9482	21.1° S	56.0° E	82.6°	05m40s
3032	08445	1558 Apr 18	12:39:27	1.0132	64.1° N	67.8° W	26.4°	00m50s
3033	08446	1558 Oct 11	14:58:55	0.9971	56.5° S	90.3° W	33.7°	00m12s
3034	08450	1560 Feb 26	05:00:44	0.9299	29.9° S	123.5° E	61.5°	07m22s
3035	08451	1560 Aug 21	12:30:55	1.0469	29.7° N	5.3° E	65.9°	03m44s
3036	08452	1561 Feb 14	07:39:21	0.9670	3.4° N	62.6° E	75.5°	03m30s
3037	08453	1561 Aug 11	00:27:07	0.9956	6.5° S	165.5° E	69.1°	00m27s
3038	08454	1562 Feb 03	17:27:33	1.0091	48.6° N	114.5° W	20.0°	00m41s
3039	08457	1563 Jun 20	15:30:55	0.9565	81.3° N	55.3° E	20.5°	02m49s
3040	08460	1564 Dec 03	19:52:06	0.9487	8.8° S	119.2° W	75.6°	06m42s
3041	08461	1565 May 29	12:15:00	1.0629	16.5° S	3.7° W	50.6°	05m57s
3042	08462	1565 Nov 22	20:49:55	0.9092	51.4° N	130.5° W	16.4°	09m37s
3043	08467	1567 Oct 02	13:20:27	1.0200	39.7° S	34.9° W	55.8°	01m42s
3044	08468	1568 Mar 28	17:04:21	0.9507	8.1° S	70.5° W	74.3°	06m10s
3045	08469	1568 Sep 21	04:25:02	1.0615	5.8° N	114.6° E	80.6°	05m32s
3046	08470	1569 Mar 17	17:21:18	0.9489	72.1° S	3.1° E	0.0°	00m00s
3047	08471	1569 Sep 10	20:48:16	1.0428	57.4° N	103.4° W	28.8°	02m55s
3048	08474	1571 Jan 25	16:07:36	1.0302	9.5° N	62.8° W	63.7°	02m59s
3049	08475	1571 Jul 22	01:07:18	0.9481	0.5° S	162.1° E	70.9°	07m08s
3050	08476	1572 Jan 15	07:38:12	1.0485	33.0° S	71.6° E	76.0°	04m07s
3051	08477	1572 Jul 10	01:42:42	0.9562	46.6° N	159.7° E	64.0°	04m30s
3052	08482	1574 May 20	12:25:42	1.0694	19.7° S	3.7° E	47.3°	06m09s
3053	08483	1574 Nov 13	15:12:17	0.9171	14.8° N	40.0° W	53.2°	11m03s
3054	08484	1575 May 10	05:34:45	1.0697	23.1° N	94.6° E	86.5°	05m56s
3055	08485	1575 Nov 02	15:47:27	0.9483	23.5° S	62.6° W	83.8°	05m44s
3056	08486	1576 Apr 28	20:04:44	1.0140	64.8° N	168.0° W	33.3°	00m55s
3057	08487	1576 Oct 21	23:13:06	0.9981	59.2° S	147.9° E	36.3°	00m08s
3058	08491	1578 Mar 08	12:26:52	0.9335	27.7° S	12.3° E	59.0°	07m01s
3059	08492	1578 Sep 01	20:15:08	1.0408	28.4° N	109.6° W	62.4°	03m17s
3060	08493	1579 Feb 25	15:34:47	0.9728	6.0° N	56.4° W	77.1°	02m48s

TABLE

Total Solar Eclipses Around the World - Page 91
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3061	08494	1579 Aug 22	07:41:32	0.9901	6.6° S	57.2° E	72.9°	01m00s
3062	08495	1580 Feb 15	01:52:13	1.0151	47.9° N	117.3° E	23.2°	01m07s
3063	08499	1581 Dec 25	20:35:20	0.9993	49.4° S	118.5° W	62.6°	00m04s
3064	08500	1582 Jun 20	05:30:27	1.0210	35.0° N	100.8° E	78.1°	01m59s
3065	08501	1582 Dec 25	04:08:39	0.9459	9.4° S	116.8° E	75.8°	07m02s
3066	08502	1583 Jun 19	19:39:32	1.0667	10.4° S	116.9° W	56.0°	06m23s
3067	08503	1583 Dec 14	04:48:39	0.9083	48.5° N	104.1° E	18.2°	10m03s
3068	08508	1585 Oct 22	21:33:25	1.0196	45.7° S	159.2° W	54.0°	01m35s
3069	08509	1586 Apr 19	00:10:09	0.9517	0.9° S	179.1° W	77.8°	06m12s
3070	08510	1586 Oct 12	12:40:32	1.0591	0.3° S	10.8° W	82.7°	05m23s
3071	08511	1587 Apr 08	00:27:05	0.9271	60.5° S	151.9° W	17.6°	06m26s
3072	08512	1587 Oct 02	04:51:25	1.0387	50.0° N	128.3° E	33.0°	02m51s
3073	08515	1589 Feb 15	00:42:20	1.0344	13.6° N	167.1° E	62.9°	03m17s
3074	08516	1589 Aug 11	07:41:04	0.9450	8.2° S	61.4° E	65.9°	07m24s
3075	08517	1590 Feb 04	16:24:05	1.0498	29.3° S	58.8° W	76.6°	04m17s
3076	08518	1590 Jul 31	08:17:39	0.9574	38.8° N	61.6° E	69.3°	04m38s
3077	08523	1592 Jun 09	19:55:49	1.0705	24.7° S	110.3° W	41.5°	06m11s
3078	08524	1592 Dec 03	23:07:16	0.9159	14.5° N	160.2° W	52.3°	11m36s
3079	08525	1593 May 30	13:07:31	1.0696	21.4° N	17.0° W	89.5°	06m08s
3080	08526	1593 Nov 22	23:52:06	0.9488	25.4° S	177.5° E	84.7°	05m46s
3081	08527	1594 May 20	03:23:17	1.0141	64.9° N	94.1° E	39.6°	00m58s
3082	08528	1594 Nov 12	07:34:49	0.9990	62.4° S	25.1° E	38.2°	00m04s
3083	08532	1596 Mar 28	19:43:19	0.9373	26.3° S	96.5° W	55.9°	06m41s
3084	08533	1596 Sep 22	04:07:03	1.0346	26.8° N	133.0° E	59.3°	02m50s
3085	08534	1597 Mar 17	23:22:39	0.9788	8.4° N	173.3° W	79.1°	02m08s
3086	08535	1597 Sep 11	15:01:22	0.9843	7.6° S	52.4° W	76.3°	01m35s
3087	08536	1598 Mar 07	10:10:01	1.0214	47.7° N	8.2° W	26.9°	01m33s
3088	08537	1598 Aug 31	18:48:48	0.9398	61.2° S	175.6° W	0.0°	00m00s
3089	08540	1600 Jan 16	05:12:46	0.9972	47.4° S	115.9° E	62.2°	00m14s
3090	08541	1600 Jul 10	12:35:58	1.0238	38.2° N	2.7° W	73.5°	02m08s
3091	08542	1601 Jan 04	12:24:38	0.9437	9.1° S	7.0° W	76.1°	07m13s
3092	08543	1601 Jun 30	03:03:59	1.0697	5.3° S	130.7° E	61.1°	06m37s
3093	08544	1601 Dec 24	12:50:31	0.9078	46.6° N	21.5° W	19.4°	10m14s
3094	08548	1603 May 11	01:44:59	0.9987	54.7° N	142.6° E	52.1°	00m07s

TABLE

Total Solar Eclipses Around the World - Page 92
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3095	08549	1603 Nov 03	05:54:55	1.0193	51.1° S	75.6° E	52.6°	01m31s
3096	08550	1604 Apr 29	07:07:21	0.9525	6.3° N	74.8° E	81.6°	06m12s
3097	08551	1604 Oct 22	21:03:48	1.0567	5.9° S	137.8° W	84.3°	05m12s
3098	08552	1605 Apr 18	07:26:44	0.9327	49.8° S	89.9° E	26.5°	06m43s
3099	08553	1605 Oct 12	12:59:58	1.0344	43.4° N	0.6° E	36.4°	02m43s
3100	08556	1607 Feb 26	09:10:38	1.0388	18.4° N	38.2° E	61.7°	03m34s
3101	08557	1607 Aug 22	14:20:48	0.9416	16.1° S	41.4° W	61.0°	07m34s
3102	08558	1608 Feb 16	01:03:28	1.0515	24.8° S	171.7° E	77.4°	04m29s
3103	08559	1608 Aug 10	15:00:06	0.9581	31.0° N	39.6° W	74.0°	04m46s
3104	08563	1610 Jun 21	03:23:00	1.0705	31.5° S	135.5° E	34.7°	05m59s
3105	08564	1610 Dec 15	07:06:48	0.9153	14.7° N	78.2° E	51.6°	11m56s
3106	08565	1611 Jun 10	20:34:26	1.0686	18.4° N	127.6° W	85.3°	06m16s
3107	08566	1611 Dec 04	08:03:43	0.9498	26.9° S	56.0° E	85.2°	05m44s
3108	08567	1612 May 30	10:34:29	1.0135	63.6° N	1.9° W	45.5°	00m58s
3109	08573	1614 Apr 09	02:52:58	0.9411	25.7° S	156.2° E	52.2°	06m22s
3110	08574	1614 Oct 03	12:04:51	1.0282	25.2° N	13.5° E	56.4°	02m22s
3111	08575	1615 Mar 29	07:03:24	0.9851	10.7° N	71.7° E	81.5°	01m28s
3112	08576	1615 Sep 22	22:27:21	0.9784	9.1° S	163.5° W	79.3°	02m11s
3113	08577	1616 Mar 17	18:21:45	1.0279	48.0° N	131.4° W	30.7°	01m58s
3114	08578	1616 Sep 11	01:44:06	0.9319	54.1° S	102.3° E	17.6°	05m42s
3115	08582	1618 Jan 26	13:46:44	0.9955	44.7° S	9.7° W	61.7°	00m23s
3116	08583	1618 Jul 21	19:44:30	1.0260	40.4° N	106.3° W	68.9°	02m13s
3117	08584	1619 Jan 15	20:38:07	0.9422	8.1° S	130.4° W	76.5°	07m16s
3118	08585	1619 Jul 11	10:29:59	1.0718	1.3° S	18.6° E	65.9°	06m41s
3119	08586	1620 Jan 04	20:51:05	0.9081	45.0° N	146.5° W	20.8°	10m13s
3120	08590	1621 May 21	08:53:44	0.9962	63.1° N	36.1° E	46.6°	00m18s
3121	08591	1621 Nov 13	14:23:13	1.0194	55.8° S	49.7° W	51.5°	01m28s
3122	08592	1622 May 10	13:55:35	0.9531	13.5° N	28.8° W	85.7°	06m07s
3123	08593	1622 Nov 03	05:34:48	1.0544	10.7° S	93.7° E	85.5°	05m01s
3124	08594	1623 Apr 29	14:16:00	0.9378	39.8° S	20.4° W	34.2°	06m54s
3125	08595	1623 Oct 23	21:17:10	1.0298	37.8° N	128.0° W	38.7°	02m31s
3126	08600	1625 Mar 08	17:32:39	1.0433	23.9° N	89.4° W	60.1°	03m50s
3127	08601	1625 Sep 01	21:06:57	0.9380	24.2° S	146.4° W	56.3°	07m37s
3128	08602	1626 Feb 26	09:37:27	1.0535	19.7° S	42.7° E	78.5°	04m42s

TABLE

Total Solar Eclipses Around the World - Page 93
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3129	08603	1626 Aug 21	21:47:42	0.9584	23.1° N	142.9° W	78.5°	04m54s
3130	08607	1628 Jul 01	10:50:39	1.0692	40.3° S	20.0° E	26.6°	05m32s
3131	08608	1628 Dec 25	15:08:47	0.9153	15.4° N	44.0° W	51.1°	12m02s
3132	08609	1629 Jun 21	03:59:24	1.0670	14.5° N	121.6° E	81.0°	06m20s
3133	08610	1629 Dec 14	16:19:07	0.9513	27.6° S	66.2° W	85.7°	05m38s
3134	08617	1632 Apr 19	09:54:30	0.9447	26.4° S	50.8° E	47.8°	06m03s
3135	08618	1632 Oct 13	20:09:39	1.0220	23.7° N	108.2° W	53.9°	01m55s
3136	08619	1633 Apr 08	14:37:06	0.9913	12.4° N	41.2° W	84.3°	00m51s
3137	08620	1633 Oct 03	06:00:37	0.9726	11.2° S	83.4° E	81.9°	02m48s
3138	08621	1634 Mar 29	02:25:11	1.0346	48.7° N	108.6° E	34.9°	02m24s
3139	08622	1634 Sep 22	08:47:04	0.9300	51.5° S	2.3° E	26.2°	06m03s
3140	08626	1636 Feb 06	22:14:33	0.9943	41.6° S	134.7° W	60.9°	00m29s
3141	08627	1636 Aug 01	02:58:15	1.0275	41.5° N	148.9° E	64.5°	02m15s
3142	08628	1637 Jan 26	04:48:32	0.9412	6.4° S	107.0° E	77.0°	07m12s
3143	08629	1637 Jul 21	17:57:08	1.0731	1.8° N	93.4° W	70.5°	06m37s
3144	08630	1638 Jan 15	04:51:53	0.9090	44.0° N	88.9° E	22.0°	10m00s
3145	08635	1639 Jun 01	15:55:16	0.9930	71.7° N	65.3° W	40.2°	00m31s
3146	08636	1639 Nov 24	22:58:55	1.0197	59.6° S	174.7° W	50.8°	01m27s
3147	08637	1640 May 20	20:37:52	0.9533	20.4° N	130.2° W	89.9°	06m00s
3148	08638	1640 Nov 13	14:11:19	1.0522	14.8° S	35.8° W	86.5°	04m50s
3149	08639	1641 May 09	21:01:19	0.9425	30.8° S	127.3° W	40.9°	06m56s
3150	08640	1641 Nov 03	05:40:09	1.0252	33.0° N	102.5° E	40.6°	02m15s
3151	08645	1643 Mar 20	01:47:19	1.0479	30.0° N	144.6° E	58.0°	04m02s
3152	08646	1643 Sep 13	04:01:21	0.9343	32.3° S	106.3° E	51.9°	07m35s
3153	08647	1644 Mar 08	18:02:43	1.0555	14.0° S	84.7° W	80.0°	04m57s
3154	08648	1644 Sep 01	04:45:28	0.9584	15.4° N	110.9° E	82.4°	05m00s
3155	08652	1646 Jul 12	18:18:19	1.0658	53.2° S	98.0° W	14.8°	04m44s
3156	08653	1647 Jan 05	23:10:59	0.9161	16.9° N	166.5° W	50.6°	11m50s
3157	08654	1647 Jul 02	11:21:21	1.0643	9.6° N	11.0° E	76.5°	06m15s
3158	08655	1647 Dec 26	00:38:35	0.9535	27.4° S	170.6° E	86.0°	05m25s
3159	08662	1650 Apr 30	16:48:49	0.9481	28.5° S	52.9° W	42.5°	05m43s
3160	08663	1650 Oct 25	04:21:25	1.0159	22.3° N	127.9° E	51.8°	01m26s
3161	08664	1651 Apr 19	22:04:37	0.9976	13.7° N	152.4° W	87.4°	00m14s
3162	08665	1651 Oct 14	13:40:56	0.9668	13.5° S	31.3° W	84.0°	03m27s

TABLE

Total Solar Eclipses Around the World - Page 94
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3163	08666	1652 Apr 08	10:22:28	1.0412	49.6° N	8.9° W	39.3°	02m49s
3164	08667	1652 Oct 02	15:58:30	0.9275	51.2° S	102.7° W	31.9°	06m19s
3165	08672	1654 Feb 17	06:36:38	0.9933	38.3° S	100.9° E	59.9°	00m34s
3166	08673	1654 Aug 12	10:17:43	1.0285	41.7° N	42.5° E	60.0°	02m16s
3167	08674	1655 Feb 06	12:51:54	0.9408	4.3° S	14.0° W	77.7°	07m03s
3168	08675	1655 Aug 02	01:28:36	1.0735	3.7° N	154.0° E	74.8°	06m28s
3169	08676	1656 Jan 26	12:48:10	0.9106	43.2° N	34.1° W	23.8°	09m38s
3170	08677	1656 Jul 21	18:39:48	1.0244	63.4° S	140.7° W	0.0°	00m00s
3171	08680	1657 Jun 11	22:52:09	0.9888	80.5° N	153.7° W	32.6°	00m45s
3172	08681	1657 Dec 05	07:39:36	1.0206	62.1° S	61.3° E	50.4°	01m29s
3173	08682	1658 Jun 01	03:11:38	0.9532	27.0° N	131.3° E	85.1°	05m49s
3174	08683	1658 Nov 24	22:54:42	1.0502	18.0° S	166.4° W	87.2°	04m40s
3175	08684	1659 May 21	03:38:53	0.9469	22.2° S	129.2° E	47.4°	06m51s
3176	08685	1659 Nov 14	14:10:08	1.0208	29.2° N	28.2° W	41.8°	01m56s
3177	08690	1661 Mar 30	09:55:24	1.0523	36.7° N	20.2° E	55.5°	04m12s
3178	08691	1661 Sep 23	11:02:34	0.9306	40.3° S	3.0° W	47.6°	07m29s
3179	08692	1662 Mar 20	02:21:49	1.0576	7.9° S	149.1° E	81.8°	05m11s
3180	08693	1662 Sep 12	11:50:45	0.9581	7.9° N	2.6° E	86.0°	05m05s
3181	08699	1665 Jan 16	07:11:51	0.9174	19.1° N	71.2° E	49.9°	11m24s
3182	08700	1665 Jul 12	18:44:06	1.0611	3.9° N	100.6° W	72.0°	06m02s
3183	08701	1666 Jan 05	08:58:51	0.9562	26.3° S	47.1° E	86.3°	05m07s
3184	08708	1668 May 10	23:37:24	0.9510	32.3° S	155.4° W	36.2°	05m21s
3185	08711	1669 Oct 24	21:28:05	0.9613	15.9° S	147.7° W	85.8°	04m07s
3186	08712	1670 Apr 19	18:12:20	1.0475	50.6° N	123.3° W	43.8°	03m15s
3187	08713	1670 Oct 13	23:19:00	0.9247	52.4° S	149.1° E	36.2°	06m34s
3188	08718	1672 Feb 28	14:50:43	0.9926	35.2° S	22.0° W	58.4°	00m38s
3189	08719	1672 Aug 22	17:44:06	1.0288	41.2° N	66.2° W	55.8°	02m15s
3190	08720	1673 Feb 16	20:49:18	0.9409	1.8° S	133.5° W	78.8°	06m52s
3191	08721	1673 Aug 12	09:04:05	1.0731	4.6° N	40.6° E	78.8°	06m15s
3192	08722	1674 Feb 05	20:41:35	0.9129	42.8° N	155.7° W	25.8°	09m09s
3193	08723	1674 Aug 02	02:07:57	1.0560	45.9° S	120.8° E	21.2°	04m08s
3194	08726	1675 Jun 23	05:44:39	0.9835	84.1° N	166.1° W	22.3°	01m01s
3195	08727	1675 Dec 16	16:24:03	1.0218	63.1° S	62.0° W	50.2°	01m33s
3196	08728	1676 Jun 11	09:42:37	0.9527	33.0° N	34.6° E	80.2°	05m38s

TABLE

Total Solar Eclipses Around the World - Page 95
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3197	08729	1676 Dec 05	07:42:08	1.0486	20.2° S	62.5° E	87.6°	04m30s
3198	08730	1677 May 31	10:13:53	0.9509	14.4° S	27.5° E	53.5°	06m36s
3199	08731	1677 Nov 24	22:44:03	1.0166	26.3° N	159.6° W	42.7°	01m36s
3200	08736	1679 Apr 10	17:55:13	1.0565	43.8° N	102.2° W	52.4°	04m17s
3201	08737	1679 Oct 04	18:13:56	0.9270	48.0° S	114.9° W	43.7°	07m21s
3202	08738	1680 Mar 30	10:32:01	1.0595	1.5° S	24.9° E	84.0°	05m25s
3203	08739	1680 Sep 22	19:06:23	0.9578	0.7° N	108.2° W	89.1°	05m08s
3204	08745	1683 Jan 27	15:10:09	0.9194	22.1° N	50.6° W	49.1°	10m44s
3205	08746	1683 Jul 24	02:07:00	1.0569	2.5° S	147.1° E	67.4°	05m38s
3206	08747	1684 Jan 16	17:18:53	0.9597	24.2° S	76.7° W	86.6°	04m43s
3207	08753	1686 May 22	06:21:20	0.9533	38.6° S	103.3° E	28.1°	04m56s
3208	08756	1687 Nov 05	05:22:24	0.9561	18.3° S	94.3° E	87.3°	04m49s
3209	08757	1688 Apr 30	01:57:34	1.0535	51.4° N	124.4° E	48.3°	03m40s
3210	08758	1688 Oct 24	06:46:41	0.9221	54.4° S	39.2° E	39.5°	06m49s
3211	08763	1690 Mar 10	22:56:00	0.9920	32.5° S	143.0° W	56.4°	00m42s
3212	08764	1690 Sep 03	01:17:47	1.0287	40.3° N	177.4° W	51.7°	02m13s
3213	08765	1691 Feb 28	04:37:41	0.9414	0.8° N	109.3° E	80.2°	06m40s
3214	08766	1691 Aug 23	16:45:57	1.0720	4.5° N	74.3° W	82.5°	06m01s
3215	08767	1692 Feb 17	04:26:56	0.9159	42.4° N	85.6° E	28.5°	08m36s
3216	08768	1692 Aug 12	09:41:06	1.0546	39.8° S	8.6° E	29.8°	04m10s
3217	08772	1693 Dec 27	01:10:50	1.0236	62.6° S	174.3° E	50.0°	01m39s
3218	08773	1694 Jun 22	16:08:45	0.9517	38.4° N	59.7° W	75.0°	05m27s
3219	08774	1694 Dec 16	16:33:11	1.0474	21.3° S	69.2° W	87.9°	04m22s
3220	08775	1695 Jun 11	16:44:24	0.9545	7.4° S	72.2° W	59.4°	06m13s
3221	08776	1695 Dec 06	07:23:18	1.0128	24.3° N	67.9° E	43.1°	01m16s
3222	08781	1697 Apr 21	01:49:22	1.0602	51.4° N	136.9° E	48.7°	04m18s
3223	08782	1697 Oct 15	01:33:41	0.9236	55.5° S	131.2° E	40.2°	07m12s
3224	08783	1698 Apr 10	18:34:26	1.0613	5.1° N	97.3° W	86.6°	05m36s
3225	08784	1698 Oct 04	02:31:25	0.9573	6.2° S	138.8° E	88.2°	05m10s
3226	08790	1701 Feb 07	23:04:53	0.9219	25.9° N	171.7° W	48.0°	09m55s
3227	08791	1701 Aug 04	09:31:44	1.0521	9.4° S	33.7° E	62.8°	05m06s
3228	08792	1702 Jan 28	01:37:10	0.9636	21.2° S	159.6° E	87.1°	04m14s
3229	08798	1704 Jun 02	13:02:36	0.9542	49.1° S	3.4° E	16.5°	04m26s
3230	08799	1704 Nov 27	05:33:53	0.9999	19.7° N	104.9° E	47.7°	00m01s

TABLE

Total Solar Eclipses Around the World - Page 96
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3231	08801	1705 Nov 16	13:23:06	0.9514	20.4° S	25.0° W	88.3°	05m31s
3232	08802	1706 May 12	09:35:09	1.0591	51.5° N	15.2° E	53.0°	04m06s
3233	08803	1706 Nov 05	14:23:57	0.9195	57.0° S	72.6° W	41.9°	07m02s
3234	08808	1708 Mar 22	06:51:37	0.9913	30.4° S	98.3° E	53.8°	00m46s
3235	08809	1708 Sep 14	09:00:22	1.0281	39.2° N	68.3° E	47.8°	02m10s
3236	08810	1709 Mar 11	12:18:35	0.9422	3.4° N	5.9° W	82.0°	06m29s
3237	08811	1709 Sep 04	00:32:26	1.0703	3.7° N	169.7° E	85.9°	05m47s
3238	08812	1710 Feb 28	12:07:29	0.9194	42.5° N	31.2° W	31.4°	08m00s
3239	08813	1710 Aug 24	17:17:16	1.0519	36.5° S	105.1° W	36.3°	04m00s
3240	08817	1712 Jan 08	09:58:39	1.0258	60.6° S	49.2° E	49.9°	01m48s
3241	08818	1712 Jul 03	22:34:57	0.9503	42.8° N	152.7° W	69.7°	05m18s
3242	08819	1712 Dec 28	01:24:54	1.0466	21.5° S	159.0° E	88.1°	04m15s
3243	08820	1713 Jun 22	23:15:39	0.9576	1.3° S	171.2° W	65.1°	05m45s
3244	08826	1715 May 03	09:36:30	1.0632	59.4° N	17.9° E	44.4°	04m14s
3245	08827	1715 Oct 27	09:02:48	0.9206	62.5° S	15.5° E	37.1°	07m02s
3246	08828	1716 Apr 22	02:28:33	1.0625	11.8° N	142.6° E	89.6°	05m43s
3247	08829	1716 Oct 15	10:07:39	0.9570	12.5° S	23.5° E	86.0°	05m10s
3248	08835	1719 Feb 19	06:52:57	0.9250	30.5° N	68.6° E	46.5°	09m01s
3249	08836	1719 Aug 15	16:59:51	1.0466	16.8° S	81.1° W	58.3°	04m27s
3250	08837	1720 Feb 08	09:52:31	0.9681	17.4° S	36.1° E	87.7°	03m40s
3251	08838	1720 Aug 04	04:38:15	0.9957	31.1° N	114.8° E	75.9°	00m27s
3252	08839	1721 Jan 27	20:05:11	1.0158	64.0° S	102.4° W	43.1°	01m07s
3253	08844	1722 Dec 08	14:07:35	0.9955	19.5° N	25.4° W	47.0°	00m28s
3254	08845	1723 Jun 03	03:05:13	1.0196	9.6° N	136.1° E	77.1°	02m05s
3255	08846	1723 Nov 27	21:28:16	0.9471	22.0° S	145.2° W	89.2°	06m12s
3256	08847	1724 May 22	17:10:09	1.0640	50.8° N	92.9° W	57.6°	04m33s
3257	08848	1724 Nov 15	22:07:38	0.9174	59.9° S	175.0° E	43.8°	07m15s
3258	08853	1726 Apr 02	14:38:16	0.9906	29.2° S	18.3° W	50.7°	00m52s
3259	08854	1726 Sep 25	16:51:45	1.0273	38.0° N	49.0° W	44.3°	02m07s
3260	08855	1727 Mar 22	19:47:55	0.9432	5.7° N	118.0° W	84.3°	06m20s
3261	08856	1727 Sep 15	08:27:31	1.0681	2.2° N	51.4° E	88.9°	05m33s
3262	08857	1728 Mar 10	19:38:56	0.9233	42.8° N	144.6° W	34.9°	07m25s
3263	08858	1728 Sep 04	00:59:22	1.0484	35.0° S	139.6° E	41.5°	03m44s
3264	08863	1730 Jan 18	18:45:15	1.0286	57.8° S	77.4° W	49.6°	01m59s

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Total Solar Eclipses Around the World - Page 97
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3265	08864	1730 Jul 15	04:59:09	0.9484	46.3° N	115.9° E	64.1°	05m13s
3266	08865	1731 Jan 08	10:17:44	1.0464	20.7° S	27.0° E	88.3°	04m10s
3267	08866	1731 Jul 04	05:46:25	0.9601	3.8° N	90.8° E	70.5°	05m15s
3268	08871	1733 May 13	17:18:29	1.0656	67.9° N	99.5° W	39.2°	04m06s
3269	08872	1733 Nov 06	16:40:15	0.9179	69.0° S	101.2° W	34.5°	06m53s
3270	08873	1734 May 03	10:15:56	1.0635	18.4° N	24.6° E	87.2°	05m46s
3271	08874	1734 Oct 26	17:53:28	0.9567	18.2° S	93.8° W	84.2°	05m08s
3272	08881	1737 Mar 01	14:35:17	0.9283	36.0° N	50.1° W	44.5°	08m04s
3273	08882	1737 Aug 26	00:32:08	1.0407	24.4° S	162.5° E	53.8°	03m44s
3274	08883	1738 Feb 18	18:02:31	0.9732	12.8° S	86.7° W	88.7°	03m03s
3275	08884	1738 Aug 15	11:40:12	0.9907	23.7° N	8.4° E	80.1°	01m00s
3276	08885	1739 Feb 08	04:41:13	1.0203	59.2° S	131.0° E	44.1°	01m27s
3277	08886	1739 Aug 04	15:40:56	0.9408	79.9° N	42.9° E	15.9°	03m59s
3278	08890	1740 Dec 18	22:43:17	0.9917	19.9° N	156.4° W	46.4°	00m53s
3279	08891	1741 Jun 13	10:12:48	1.0239	6.0° N	29.4° E	72.5°	02m35s
3280	08892	1741 Dec 08	05:38:00	0.9434	23.0° S	93.6° E	89.7°	06m51s
3281	08893	1742 Jun 03	00:39:57	1.0683	49.0° N	160.2° E	62.3°	05m00s
3282	08894	1742 Nov 27	05:58:59	0.9156	62.6° S	62.2° E	45.1°	07m26s
3283	08899	1744 Apr 12	22:15:24	0.9895	29.1° S	132.6° W	46.8°	00m59s
3284	08900	1744 Oct 06	00:51:24	1.0263	37.0° N	169.1° W	41.0°	02m04s
3285	08901	1745 Apr 02	03:09:18	0.9444	7.7° N	132.2° E	86.9°	06m13s
3286	08902	1745 Sep 25	16:28:56	1.0655	0.3° N	68.6° W	88.5°	05m21s
3287	08903	1746 Mar 22	03:02:49	0.9277	43.5° N	104.7° E	38.7°	06m51s
3288	08904	1746 Sep 15	08:46:37	1.0441	34.9° S	23.0° E	45.8°	03m23s
3289	08909	1748 Jan 30	03:29:13	1.0316	54.4° S	154.8° E	49.2°	02m12s
3290	08910	1748 Jul 25	11:27:02	0.9461	48.7° N	24.5° E	58.5°	05m12s
3291	08911	1749 Jan 18	19:08:56	1.0465	19.1° S	104.9° W	88.6°	04m07s
3292	08912	1749 Jul 14	12:19:20	0.9623	7.8° N	7.2° W	75.7°	04m46s
3293	08917	1751 May 25	00:55:16	1.0670	77.0° N	144.7° E	32.9°	03m53s
3294	08918	1751 Nov 18	00:26:00	0.9159	74.9° S	142.8° E	32.4°	06m45s
3295	08919	1752 May 13	17:56:29	1.0637	24.9° N	91.1° W	83.6°	05m42s
3296	08920	1752 Nov 06	01:48:14	0.9567	23.2° S	147.4° E	82.7°	05m03s
3297	08927	1755 Mar 12	22:09:32	0.9319	42.2° N	167.4° W	41.9°	07m07s
3298	08928	1755 Sep 06	08:09:46	1.0342	32.1° S	44.3° E	49.4°	03m00s

TABLE

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3299	08929	1756 Mar 01	02:07:09	0.9787	7.5° S	151.4° E	90.0°	02m24s
3300	08930	1756 Aug 25	18:46:17	0.9853	16.1° N	99.5° W	84.1°	01m38s
3301	08931	1757 Feb 18	13:14:12	1.0251	53.8° S	2.9° E	45.3°	01m51s
3302	08932	1757 Aug 14	22:16:45	0.9406	71.6° N	113.5° W	27.9°	04m36s
3303	08936	1758 Dec 30	07:20:12	0.9885	20.8° N	72.2° E	46.0°	01m15s
3304	08937	1759 Jun 24	17:20:59	1.0275	1.4° N	78.1° W	67.9°	02m59s
3305	08938	1759 Dec 19	13:50:05	0.9404	23.3° S	28.0° W	89.8°	07m25s
3306	08939	1760 Jun 13	08:09:15	1.0718	46.0° N	52.7° E	66.9°	05m27s
3307	08940	1760 Dec 07	13:53:44	0.9144	64.7° S	49.4° W	46.2°	07m36s
3308	08944	1762 Apr 24	05:42:10	0.9881	30.3° S	115.6° E	42.0°	01m08s
3309	08945	1762 Oct 17	09:00:34	1.0253	36.2° N	67.6° E	38.2°	02m02s
3310	08946	1763 Apr 13	10:19:31	0.9455	9.0° N	25.3° E	90.0°	06m11s
3311	08947	1763 Oct 07	00:39:04	1.0627	2.0° S	169.1° E	86.2°	05m09s
3312	08948	1764 Apr 01	10:17:15	0.9323	44.2° N	2.5° W	43.0°	06m20s
3313	08949	1764 Sep 25	16:41:43	1.0394	36.0° S	95.5° W	49.2°	03m01s
3314	08954	1766 Feb 09	12:09:44	1.0352	50.7° S	26.6° E	48.5°	02m27s
3315	08955	1766 Aug 05	17:56:58	0.9433	50.2° N	67.0° W	52.7°	05m15s
3316	08956	1767 Jan 30	03:56:55	1.0471	16.8° S	123.9° E	89.0°	04m06s
3317	08957	1767 Jul 25	18:55:48	0.9638	10.8° N	105.5° W	80.7°	04m21s
3318	08962	1769 Jun 04	08:28:34	1.0671	87.3° N	26.2° E	24.9°	03m36s
3319	08963	1769 Nov 28	08:18:40	0.9144	80.0° S	32.0° E	30.8°	06m38s
3320	08964	1770 May 25	01:30:12	1.0634	31.2° N	155.6° E	79.7°	05m31s
3321	08965	1770 Nov 17	09:51:53	0.9571	27.3° S	27.1° E	81.7°	04m56s
3322	08972	1773 Mar 23	05:36:58	0.9357	49.3° N	76.2° E	38.6°	06m13s
3323	08973	1773 Sep 16	15:52:23	1.0275	39.9° S	75.5° W	45.2°	02m18s
3324	08974	1774 Mar 12	10:05:14	0.9845	1.7° S	30.8° E	88.4°	01m43s
3325	08975	1774 Sep 06	01:57:40	0.9797	8.7° N	150.9° E	87.7°	02m20s
3326	08976	1775 Mar 01	21:39:20	1.0304	47.9° S	124.8° W	47.0°	02m20s
3327	08977	1775 Aug 26	04:59:40	0.9391	61.3° N	132.0° E	35.7°	05m16s
3328	08982	1777 Jan 09	15:55:35	0.9859	22.4° N	58.9° W	45.5°	01m32s
3329	08983	1777 Jul 05	00:29:29	1.0305	4.2° S	173.7° E	63.0°	03m17s
3330	08984	1777 Dec 29	22:03:28	0.9380	22.7° S	150.0° W	89.5°	07m53s
3331	08985	1778 Jun 24	15:34:56	1.0745	41.8° N	55.0° W	71.6°	05m52s
3332	08986	1778 Dec 18	21:53:54	0.9137	65.8° S	160.6° W	47.0°	07m44s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3333	08990	1780 May 04	13:00:42	0.9861	33.3° S	5.9° E	36.2°	01m21s
3334	08991	1780 Oct 27	17:18:27	1.0244	35.6° N	58.6° W	35.8°	02m00s
3335	08992	1781 Apr 23	17:21:26	0.9467	9.7° N	79.2° W	86.5°	06m13s
3336	08993	1781 Oct 17	08:55:59	1.0596	4.3° S	45.1° E	84.2°	04m59s
3337	08994	1782 Apr 12	17:24:47	0.9370	45.1° N	107.1° W	47.4°	05m51s
3338	08995	1782 Oct 07	00:43:19	1.0344	37.9° S	144.6° E	52.1°	02m37s
3339	09000	1784 Feb 20	20:45:38	1.0389	47.2° S	101.5° W	47.4°	02m44s
3340	09001	1784 Aug 16	00:31:53	0.9402	50.9° N	159.8° W	46.8°	05m23s
3341	09002	1785 Feb 09	12:40:41	1.0480	14.1° S	6.6° W	89.6°	04m07s
3342	09003	1785 Aug 05	01:37:22	0.9650	12.7° N	155.3° E	85.4°	04m01s
3343	09005	1786 Jul 25	08:46:33	1.0106	34.6° S	30.8° E	32.8°	00m59s
3344	09008	1787 Jun 15	15:59:25	1.0648	78.7° N	104.8° E	12.4°	03m09s
3345	09009	1787 Dec 09	16:15:38	0.9136	83.4° S	62.7° W	29.5°	06m32s
3346	09010	1788 Jun 04	08:59:31	1.0623	37.0° N	44.4° E	75.5°	05m15s
3347	09011	1788 Nov 27	18:02:54	0.9579	30.4° S	94.3° W	81.0°	04m46s
3348	09018	1791 Apr 03	12:55:13	0.9394	57.1° N	39.5° W	34.2°	05m21s
3349	09019	1791 Sep 27	23:42:30	1.0206	47.6° S	162.4° E	41.2°	01m38s
3350	09020	1792 Mar 22	17:57:34	0.9906	4.5° N	88.7° W	86.4°	01m02s
3351	09021	1792 Sep 16	09:13:52	0.9739	1.3° N	39.9° E	88.9°	03m02s
3352	09022	1793 Mar 12	06:00:07	1.0359	41.7° S	107.8° E	49.0°	02m51s
3353	09023	1793 Sep 05	11:47:24	0.9370	51.7° N	23.0° E	41.9°	06m02s
3354	09028	1795 Jan 21	00:29:13	0.9837	24.8° N	170.3° E	44.9°	01m44s
3355	09029	1795 Jul 16	07:41:36	1.0327	10.4° S	63.8° E	58.1°	03m26s
3356	09030	1796 Jan 10	06:14:52	0.9362	21.1° S	88.3° E	89.1°	08m15s
3357	09031	1796 Jul 04	23:02:54	1.0764	36.8° N	164.6° W	76.0°	06m15s
3358	09032	1796 Dec 29	05:54:58	0.9136	65.5° S	88.6° E	47.6°	07m51s
3359	09033	1797 Jun 24	16:18:13	1.0570	77.2° N	133.9° E	11.2°	02m47s
3360	09035	1798 May 15	20:10:32	0.9832	38.6° S	101.6° W	28.7°	01m36s
3361	09036	1798 Nov 08	01:44:39	1.0237	35.1° N	172.5° E	33.9°	01m59s
3362	09037	1799 May 05	00:13:08	0.9476	9.3° N	178.9° E	82.5°	06m20s
3363	09038	1799 Oct 28	17:21:46	1.0566	6.7° S	81.3° W	82.7°	04m50s
3364	09039	1800 Apr 24	00:24:00	0.9417	45.7° N	151.3° E	52.0°	05m27s
3365	09040	1800 Oct 18	08:51:53	1.0293	40.3° S	23.2° E	54.4°	02m14s
3366	09045	1802 Mar 04	05:14:29	1.0428	44.0° S	131.5° E	45.8°	03m02s

TABLE

Total Solar Eclipses Around the World - Page 100
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3367	09046	1802 Aug 28	07:12:00	0.9367	51.3° N	105.7° E	40.5°	05m35s
3368	09047	1803 Feb 21	21:18:46	1.0492	11.1° S	135.9° W	89.5°	04m09s
3369	09048	1803 Aug 17	08:25:03	0.9657	13.6° N	54.7° E	89.8°	03m47s
3370	09050	1804 Aug 05	15:57:13	1.0144	29.3° S	77.1° W	40.1°	01m20s
3371	09055	1805 Dec 21	00:17:38	0.9134	83.1° S	143.8° W	28.6°	06m26s
3372	09056	1806 Jun 16	16:24:27	1.0604	42.2° N	64.6° W	71.1°	04m55s
3373	09057	1806 Dec 10	02:19:40	0.9591	32.4° S	143.4° E	80.5°	04m32s
3374	09063	1809 Apr 14	20:07:11	0.9429	65.8° N	157.3° W	28.7°	04m35s
3375	09064	1809 Oct 09	07:38:42	1.0137	55.1° S	38.4° E	37.4°	01m02s
3376	09065	1810 Apr 04	01:41:19	0.9967	11.1° N	153.8° E	84.0°	00m21s
3377	09066	1810 Sep 28	16:37:25	0.9681	5.8° S	72.8° W	86.0°	03m45s
3378	09067	1811 Mar 24	14:12:13	1.0416	35.2° S	18.0° W	51.5°	03m27s
3379	09068	1811 Sep 17	18:43:45	0.9345	43.0° N	85.9° W	46.9°	06m51s
3380	09073	1813 Feb 01	08:58:27	0.9820	27.9° N	40.4° E	44.1°	01m53s
3381	09074	1813 Jul 27	14:55:35	1.0341	17.4° S	47.4° W	53.0°	03m27s
3382	09075	1814 Jan 21	14:24:47	0.9350	18.6° S	33.4° W	88.7°	08m28s
3383	09076	1814 Jul 17	06:30:29	1.0774	30.9° N	84.7° E	80.4°	06m33s
3384	09077	1815 Jan 10	13:57:06	0.9143	63.7° S	23.6° W	48.2°	07m55s
3385	09078	1815 Jul 06	23:43:07	1.0593	88.1° N	162.7° W	24.6°	03m13s
3386	09080	1816 May 27	03:13:24	0.9791	48.0° S	153.5° E	17.8°	01m54s
3387	09081	1816 Nov 19	10:17:23	1.0233	35.0° N	41.5° E	32.5°	02m00s
3388	09082	1817 May 16	06:58:14	0.9483	7.9° N	78.5° E	78.2°	06m30s
3389	09083	1817 Nov 09	01:53:53	1.0536	8.9° S	150.9° E	81.5°	04m42s
3390	09084	1818 May 05	07:15:49	0.9464	45.8° N	52.5° E	56.8°	05m05s
3391	09085	1818 Oct 29	17:07:10	1.0241	43.1° S	99.4° W	56.2°	01m51s
3392	09090	1820 Mar 14	13:37:15	1.0467	41.5° S	5.7° E	43.7°	03m20s
3393	09091	1820 Sep 07	13:59:58	0.9329	51.6° N	8.7° E	34.1°	05m49s
3394	09092	1821 Mar 04	05:50:13	1.0506	8.0° S	96.3° E	88.3°	04m14s
3395	09093	1821 Aug 27	15:19:42	0.9661	13.6° N	47.8° W	86.1°	03m38s
3396	09094	1822 Feb 21	19:40:40	0.9996	28.6° N	132.3° W	46.1°	00m02s
3397	09095	1822 Aug 16	23:14:34	1.0173	26.1° S	173.5° E	46.2°	01m35s
3398	09100	1824 Jan 01	08:21:09	0.9139	79.9° S	116.2° E	27.7°	06m21s
3399	09101	1824 Jun 26	23:46:33	1.0577	46.6° N	171.4° W	66.4°	04m31s
3400	09102	1824 Dec 20	10:40:36	0.9610	33.3° S	20.4° E	80.1°	04m15s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3401	09108	1827 Apr 26	03:11:14	0.9458	74.8° N	73.4° E	20.8°	03m53s
3402	09111	1828 Oct 09	00:07:47	0.9623	12.5° S	173.0° E	83.4°	04m26s
3403	09112	1829 Apr 03	22:18:36	1.0474	28.5° S	142.6° W	54.3°	04m05s
3404	09113	1829 Sep 28	01:46:53	0.9317	34.9° N	164.3° E	51.1°	07m43s
3405	09118	1831 Feb 12	17:21:45	0.9807	31.9° N	88.3° W	43.0°	01m57s
3406	09119	1831 Aug 07	22:15:59	1.0349	24.9° S	160.9° W	47.8°	03m20s
3407	09120	1832 Feb 01	22:30:14	0.9344	15.3° S	154.4° W	88.1°	08m35s
3408	09121	1832 Jul 27	14:01:06	1.0776	24.5° N	27.9° W	84.6°	06m46s
3409	09122	1833 Jan 20	21:56:55	0.9155	60.6° S	137.4° W	48.9°	07m59s
3410	09123	1833 Jul 17	07:08:02	1.0591	77.5° N	92.5° E	33.0°	03m29s
3411	09126	1834 Nov 30	18:56:35	1.0233	34.9° N	91.6° W	31.5°	02m02s
3412	09127	1835 May 27	13:35:42	0.9486	5.3° N	20.2° W	73.5°	06m44s
3413	09128	1835 Nov 20	10:31:58	1.0510	10.7° S	21.6° E	80.6°	04m35s
3414	09129	1836 May 15	14:01:39	0.9509	45.1° N	44.4° W	61.7°	04m47s
3415	09130	1836 Nov 09	01:29:26	1.0191	46.1° S	136.8° E	57.6°	01m28s
3416	09134	1838 Mar 25	21:52:16	1.0505	39.7° S	118.3° W	41.0°	03m39s
3417	09135	1838 Sep 18	20:55:56	0.9289	52.4° N	90.6° W	27.2°	06m06s
3418	09136	1839 Mar 15	14:13:42	1.0520	5.1° S	29.5° W	86.8°	04m20s
3419	09137	1839 Sep 07	22:23:26	0.9661	12.8° N	152.7° W	82.3°	03m34s
3420	09138	1840 Mar 04	03:58:22	0.9995	30.6° N	101.7° E	47.5°	00m03s
3421	09139	1840 Aug 27	06:37:32	1.0195	24.3° S	62.9° E	51.4°	01m45s
3422	09144	1842 Jan 11	16:25:41	0.9151	75.8° S	1.4° E	27.0°	06m15s
3423	09145	1842 Jul 08	07:06:27	1.0543	50.1° N	83.6° E	61.6°	04m05s
3424	09146	1842 Dec 31	19:04:24	0.9634	33.1° S	103.2° W	79.9°	03m54s
3425	09148	1843 Dec 21	05:03:26	1.0165	8.0° N	101.0° E	58.4°	01m43s
3426	09152	1845 May 06	10:09:00	0.9462	73.4° N	110.6° W	4.1°	03m15s
3427	09155	1846 Oct 20	07:46:12	0.9567	18.7° S	57.3° E	81.2°	05m05s
3428	09156	1847 Apr 15	06:16:13	1.0530	21.6° S	95.0° E	57.6°	04m44s
3429	09157	1847 Oct 09	09:00:23	0.9290	27.7° N	52.8° E	54.6°	08m35s
3430	09162	1849 Feb 23	01:38:09	0.9796	36.7° N	144.3° E	41.4°	01m58s
3431	09163	1849 Aug 18	05:40:49	1.0350	32.9° S	83.5° E	42.5°	03m07s
3432	09164	1850 Feb 12	06:29:37	0.9345	11.0° S	85.6° E	87.2°	08m35s
3433	09165	1850 Aug 07	21:33:54	1.0769	17.7° N	141.8° W	88.7°	06m50s
3434	09166	1851 Feb 01	05:54:27	0.9175	56.4° S	106.9° E	49.8°	08m01s

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 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3435	09167	1851 Jul 28	14:33:42	1.0576	68.0° N	19.6° W	39.8°	03m41s
3436	09170	1852 Dec 11	03:40:44	1.0237	35.2° N	133.9° E	31.0°	02m05s
3437	09171	1853 Jun 06	20:07:21	0.9486	1.5° N	117.9° W	68.4°	06m59s
3438	09172	1853 Nov 30	19:15:39	1.0485	12.0° S	109.0° W	79.9°	04m28s
3439	09173	1854 May 26	20:42:53	0.9551	43.3° N	140.1° W	66.7°	04m32s
3440	09177	1856 Apr 05	06:01:01	1.0539	39.1° S	119.2° E	37.5°	03m56s
3441	09178	1856 Sep 29	03:59:44	0.9246	54.3° N	169.1° E	19.1°	06m21s
3442	09179	1857 Mar 25	22:29:38	1.0534	2.4° S	153.4° W	84.9°	04m28s
3443	09180	1857 Sep 18	05:36:05	0.9659	11.6° N	100.0° E	78.9°	03m34s
3444	09181	1858 Mar 15	12:05:28	0.9996	32.7° N	20.9° W	49.6°	00m02s
3445	09182	1858 Sep 07	14:09:29	1.0210	23.9° S	49.8° W	55.7°	01m50s
3446	09187	1860 Jan 23	00:27:31	0.9168	71.8° S	117.2° W	25.9°	06m07s
3447	09188	1860 Jul 18	14:26:24	1.0500	52.5° N	20.3° W	56.5°	03m39s
3448	09189	1861 Jan 11	03:29:23	0.9664	31.8° S	132.7° E	79.7°	03m30s
3449	09190	1861 Jul 08	02:10:26	0.9979	10.0° N	145.8° E	77.2°	00m14s
3450	09191	1861 Dec 31	13:49:06	1.0186	7.8° N	31.6° W	58.7°	01m55s
3451	09196	1863 Nov 11	08:09:03	0.9943	75.4° S	15.1° E	28.4°	00m22s
3452	09198	1864 Oct 30	15:30:31	0.9514	24.3° S	59.3° W	79.4°	05m41s
3453	09199	1865 Apr 25	14:08:34	1.0584	14.8° S	25.8° W	61.0°	05m23s
3454	09200	1865 Oct 19	16:21:14	0.9263	21.3° N	60.2° W	57.4°	09m27s
3455	09204	1867 Mar 06	09:46:48	0.9787	42.3° N	18.4° E	39.2°	01m57s
3456	09205	1867 Aug 29	13:13:07	1.0344	41.1° S	34.9° W	37.2°	02m51s
3457	09206	1868 Feb 23	14:21:31	0.9348	6.1° S	33.0° W	86.0°	08m30s
3458	09207	1868 Aug 18	05:12:10	1.0756	10.6° N	102.2° E	87.5°	06m47s
3459	09208	1869 Feb 11	13:46:39	0.9201	51.3° S	9.7° W	51.0°	08m02s
3460	09209	1869 Aug 07	22:01:05	1.0551	59.1° N	133.2° W	45.6°	03m48s
3461	09213	1870 Dec 22	12:27:33	1.0248	35.7° N	1.5° W	30.6°	02m11s
3462	09214	1871 Jun 18	02:35:02	0.9481	3.5° S	144.7° E	62.9°	07m14s
3463	09215	1871 Dec 12	04:03:38	1.0465	12.7° S	119.4° E	79.5°	04m23s
3464	09216	1872 Jun 06	03:20:03	0.9590	40.5° N	124.8° E	71.8°	04m20s
3465	09220	1874 Apr 16	14:00:53	1.0569	39.9° S	0.9° W	33.0°	04m11s
3466	09221	1874 Oct 10	11:13:33	0.9193	58.6° N	72.0° E	7.5°	06m28s
3467	09222	1875 Apr 06	06:37:26	1.0547	0.2° S	84.8° E	82.6°	04m37s
3468	09223	1875 Sep 29	12:58:09	0.9656	10.0° N	10.1° W	75.9°	03m36s

TABLE

Total Solar Eclipses Around the World - Page 103
 From March 17, BC 599 to July 7, AD 1880 - Total Eclipses 3,476

#	Eclipse Number	Calendar Date	Time of Greatest Eclipse	Eclipse Magnitude	Latitude	Longitude	Sun Altitude	Duration
3469	09224	1876 Mar 25	20:05:06	0.9999	34.8° N	141.1° W	51.9°	00m01s
3470	09225	1876 Sep 17	21:49:15	1.0220	24.6° S	164.5° W	59.5°	01m53s
3471	09229	1878 Feb 02	08:27:52	0.9191	67.9° S	122.4° E	24.5°	05m59s
3472	09230	1878 Jul 29	21:47:18	1.0450	53.8° N	124.0° W	51.2°	03m11s
3473	09231	1879 Jan 22	11:53:08	0.9700	29.8° S	8.5° E	79.3°	03m03s
3474	09232	1879 Jul 19	09:04:32	0.9942	13.0° N	42.9° E	81.8°	00m39s
3475	09233	1880 Jan 11	22:34:25	1.0212	8.3° N	164.1° W	59.0°	02m07s
3476	09234	1880 Jul 07	13:10:28	0.9441	46.4° S	33.4° W	19.4°	05m47s