

## Catalog of Solar Eclipses: 0001 to 0100

Catalog Number	Calendar Date	TD of Greatest Eclipse	$\Delta T_s$	Luna Num	Saros Num	Ecl. Type	QLE	Gamma	Ecl. Mag.	Lat °	Long °	Sun Alt °	Path Width km	Central Dur.
<a href="#">04825</a>	0021 May 30	08:07:52	10320	-24472	<a href="#">86</a>	P	t-	<a href="#">-1.1487</a>	0.7102	68S	112E	0		
<a href="#">04826</a>	0021 Oct 24	18:01:51	10316	-24467	<a href="#">53</a>	P	-t	<a href="#">-1.3922</a>	0.2698	71S	177W	0		
<a href="#">04827</a>	0021 Nov 23	04:28:42	10315	-24466	<a href="#">91</a>	P	t-	<a href="#">1.2797</a>	0.4820	69N	173E	0		
<a href="#">04828</a>	<a href="#">0022 Apr 19</a>	18:22:41	10311	-24461	<a href="#">58</a>	A	-t	<a href="#">0.9361</a>	0.9506	72N	109W	20	523	03m35s
<a href="#">04829</a>	<a href="#">0022 Oct 14</a>	08:12:53	10306	-24455	<a href="#">63</a>	H	-p	<a href="#">-0.7556</a>	1.0037	54S	75E	41	19	00m17s
<a href="#">04830</a>	<a href="#">0023 Apr 09</a>	00:41:09	10301	-24449	<a href="#">68</a>	Hm	nn	<a href="#">0.1404</a>	1.0082	14N	149W	82	29	00m51s
<a href="#">04831</a>	<a href="#">0023 Oct 03</a>	16:31:02	10296	-24443	<a href="#">73</a>	A	nn	<a href="#">-0.0558</a>	0.9570	6S	28W	87	157	05m07s
<a href="#">04832</a>	<a href="#">0024 Mar 28</a>	13:52:19	10291	-24437	<a href="#">78</a>	T	p-	<a href="#">-0.6039</a>	1.0531	33S	29E	53	219	04m24s
<a href="#">04833</a>	<a href="#">0024 Sep 21</a>	17:57:07	10287	-24431	<a href="#">83</a>	A	p-	<a href="#">0.6669</a>	0.9250	41N	32W	48	375	08m05s
<a href="#">04834</a>	0025 Feb 16	21:44:01	10283	-24426	<a href="#">50</a>	P	-t	<a href="#">1.2974</a>	0.4485	71N	148W	0		
<a href="#">04835</a>	0025 Mar 18	06:29:39	10282	-24425	<a href="#">88</a>	P	t-	<a href="#">-1.2985</a>	0.4452	72S	137W	0		
<a href="#">04836</a>	0025 Aug 12	03:10:44	10278	-24420	<a href="#">55</a>	P	-t	<a href="#">-1.5017</a>	0.0928	70S	138E	0		
<a href="#">04837</a>	0025 Sep 10	17:55:34	10277	-24419	<a href="#">93</a>	P	t-	<a href="#">1.3567</a>	0.3525	72N	61E	0		
<a href="#">04838</a>	<a href="#">0026 Feb 06</a>	10:26:56	10273	-24414	<a href="#">60</a>	A	-p	<a href="#">0.6348</a>	0.9888	23N	62E	50	51	01m12s
<a href="#">04839</a>	<a href="#">0026 Aug 01</a>	12:55:45	10268	-24408	<a href="#">65</a>	T	-p	<a href="#">-0.6941</a>	1.0296	25S	23E	46	139	02m53s
<a href="#">04840</a>	<a href="#">0027 Jan 26</a>	16:02:14	10263	-24402	<a href="#">70</a>	A	nn	<a href="#">-0.0771</a>	0.9395	24S	13W	85	225	07m34s
<a href="#">04841</a>	<a href="#">0027 Jul 22</a>	04:29:07	10258	-24396	<a href="#">75</a>	T	nn	<a href="#">0.0603</a>	1.0741	25N	156E	86	241	06m31s
<a href="#">04842</a>	<a href="#">0028 Jan 15</a>	15:44:31	10254	-24390	<a href="#">80</a>	A	p-	<a href="#">-0.7769</a>	0.9162	73S	1E	39	509	07m01s
<a href="#">04843</a>	<a href="#">0028 Jul 10</a>	21:28:53	10249	-24384	<a href="#">85</a>	T	p-	<a href="#">0.7971</a>	1.0582	76N	95W	37	320	03m30s
<a href="#">04844</a>	0028 Dec 05	00:59:19	10245	-24379	<a href="#">52</a>	P	-t	<a href="#">1.4833</a>	0.1263	64N	122W	0		
<a href="#">04845</a>	0029 Jan 03	16:40:00	10244	-24378	<a href="#">90</a>	P	t-	<a href="#">-1.4276</a>	0.2309	67S	156E	0		
<a href="#">04846</a>	0029 Jun 01	00:33:40	10240	-24373	<a href="#">57</a>	P	-t	<a href="#">-1.0684</a>	0.8606	64S	111W	0		
<a href="#">04847</a>	<a href="#">0029 Nov 24</a>	12:15:21	10235	-24367	<a href="#">62</a>	T	-p	<a href="#">0.7424</a>	1.0217	25N	51E	42	109	01m59s
<a href="#">04848</a>	<a href="#">0030 May 21</a>	04:10:57	10230	-24361	<a href="#">67</a>	A	np	<a href="#">-0.3188</a>	0.9517	2N	164E	71	185	06m09s
<a href="#">04849</a>	<a href="#">0030 Nov 14</a>	03:37:26	10226	-24355	<a href="#">72</a>	T	-n	<a href="#">0.0644</a>	1.0473	15S	167E	86	158	04m08s
<a href="#">04850</a>	<a href="#">0031 May 10</a>	04:46:51	10221	-24349	<a href="#">77</a>	A	p-	<a href="#">0.4456</a>	0.9549	41N	136E	63	183	04m26s
<a href="#">04851</a>	<a href="#">0031 Nov 03</a>	18:26:45	10216	-24343	<a href="#">82</a>	T	p-	<a href="#">-0.6241</a>	1.0143	49S	80W	51	62	01m04s
<a href="#">04852</a>	0032 Mar 29	23:10:01	10212	-24338	<a href="#">49</a>	Pe	-t	<a href="#">-1.4877</a>	0.1002	61S	39W	0		
<a href="#">04853</a>	0032 Apr 28	09:42:10	10211	-24337	<a href="#">87</a>	P	t-	<a href="#">1.1818</a>	0.6596	62N	40W	0		
<a href="#">04854</a>	0032 Sep 23	12:26:34	10207	-24332	<a href="#">54</a>	Pe	-t	<a href="#">1.5349</a>	0.0491	61N	125E	0		
<a href="#">04855</a>	0032 Oct 23	04:12:28	10206	-24331	<a href="#">92</a>	P	t-	<a href="#">-1.3773</a>	0.3144	61S	45E	0		
<a href="#">04856</a>	<a href="#">0033 Mar 19</a>	13:40:16	10202	-24326	<a href="#">59</a>	T	-p	<a href="#">-0.7168</a>	1.0576	40S	47E	44	267	04m06s
<a href="#">04857</a>	<a href="#">0033 Sep 12</a>	12:47:30	10198	-24320	<a href="#">64</a>	A	-p	<a href="#">0.8576</a>	0.9233	53N	73E	31	549	06m36s
<a href="#">04858</a>	<a href="#">0034 Mar 09</a>	06:20:44	10193	-24314	<a href="#">69</a>	T	nn	<a href="#">-0.0045</a>	1.0594	6S	131E	90	195	04m56s
<a href="#">04859</a>	<a href="#">0034 Sep 01</a>	13:52:18	10188	-24308	<a href="#">74</a>	A	nn	<a href="#">0.1203</a>	0.9593	15N	18E	83	149	04m20s
<a href="#">04860</a>	<a href="#">0035 Feb 26</a>	20:29:54	10183	-24302	<a href="#">79</a>	H	p-	<a href="#">0.7398</a>	1.0059	33N	105W	42	30	00m31s
<a href="#">04861</a>	<a href="#">0035 Aug 21</a>	21:43:50	10178	-24296	<a href="#">84</a>	H2	p-	<a href="#">-0.6201</a>	1.0130	22S	120W	52	56	01m13s
<a href="#">04862</a>	0036 Jan 17	11:06:51	10174	-24291	<a href="#">51</a>	P	-t	<a href="#">-1.4329</a>	0.2281	63S	160W	0		
<a href="#">04863</a>	0036 Feb 16	04:03:39	10174	-24290	<a href="#">89</a>	P	t-	<a href="#">1.5240</a>	0.0641	62N	102E	0		
<a href="#">04864</a>	0036 Jul 12	04:46:32	10170	-24285	<a href="#">56</a>	P	-t	<a href="#">1.2245</a>	0.5888	64N	60W	0		
<a href="#">04865</a>	0036 Aug 10	12:08:25	10169	-24284	<a href="#">94</a>	P	t-	<a href="#">-1.3057</a>	0.4325	62S	15W	0		
<a href="#">04866</a>	<a href="#">0037 Jan 05</a>	10:17:02	10165	-24279	<a href="#">61</a>	A	-p	<a href="#">-0.7602</a>	0.9191	70S	98E	40	474	06m40s
<a href="#">04867</a>	<a href="#">0037 Jul 01</a>	21:23:24	10160	-24273	<a href="#">66</a>	T	-p	<a href="#">0.5128</a>	1.0529	54N	91W	59	204	03m54s
<a href="#">04868</a>	<a href="#">0037 Dec 25</a>	12:47:35	10155	-24267	<a href="#">71</a>	A	nn	<a href="#">-0.0458</a>	0.9626	26S	32E	87	136	04m15s
<a href="#">04869</a>	<a href="#">0038 Jun 21</a>	09:34:16	10151	-24261	<a href="#">76</a>	H	nn	<a href="#">-0.2595</a>	1.0016	9N	77E	75	6	00m11s
<a href="#">04870</a>	<a href="#">0038 Dec 14</a>	22:33:40	10146	-24255	<a href="#">81</a>	H	p-	<a href="#">0.6427</a>	1.0128	17N	118W	50	57	01m19s
<a href="#">04871</a>	0039 Jun 10	14:34:18	10141	-24249	<a href="#">86</a>	P	t-	<a href="#">-1.0656</a>	0.8534	67S	3E	0		
<a href="#">04872</a>	0039 Nov 05	02:46:19	10137	-24244	<a href="#">53</a>	P	-t	<a href="#">-1.4007</a>	0.2547	70S	38E	0		
<a href="#">04873</a>	0039 Dec 04	13:22:13	10136	-24243	<a href="#">91</a>	P	t-	<a href="#">1.2781</a>	0.4850	68N	27E	0		
<a href="#">04874</a>	0040 Apr 30	01:03:17	10132	-24238	<a href="#">58</a>	A+	-t	<a href="#">1.0100</a>	0.9522	70N	70E	0		