

Eclipse Report

Search Date Range: From 1 Jan 1900 To 31 Dec 2020

Eclipse Types: All Solar Eclipses, and All Saros Numbers

Times reported are exact Lunar Phase (full or new moon)

S/L	Type	Date	Time (UT)	Position
Solar	Total	28 May 1900	14:49:44	06° II 47'04"
Solar	Annular	22 Nov 1900	07:17:06	29° III 33'25"
Solar	Total	18 May 1901	05:37:31	26° X 34'24"
Solar	Annular	11 Nov 1901	07:34:05	18° III 13'33"
Solar	Partial	8 Apr 1902	13:49:56	17° V 47'41"
Solar	Partial	7 May 1902	22:45:02	16° X 24'56"
Solar	Partial	31 Oct 1902	08:13:31	06° III 58'32"
Solar	Annular	29 Mar 1903	01:26	07° V 11'27"
Solar	Total	21 Sep 1903	04:30:38	27° VII 00'47"
Solar	Annular	17 Mar 1904	05:39:08	26° X 13'04"
Solar	Total	9 Sep 1904	20:42:38	16° VII 42'16"
Solar	Annular	6 Mar 1905	05:19:15	14° X 58'54"
Solar	Total	30 Aug 1905	13:13:14	06° VII 28'14"
Solar	Partial	23 Feb 1906	07:57:10	03° X 48'27"
Solar	Partial	21 Jul 1906	12:58:55	27° X 49'42"
Solar	Partial	20 Aug 1906	01:27:16	26° IX 06'48"
Solar	Total	14 Jan 1907	05:56:51	22° V 55'54"
Solar	Annular	10 Jul 1907	15:16:55	17° X 11'51"
Solar	Total	3 Jan 1908	21:43:14	12° V 08'25"
Solar	Annular	28 Jun 1908	16:31:19	06° X 31'35"
Solar	Hybrid	23 Dec 1908	11:49:36	01° V 17'07"
Solar	Hybrid	17 Jun 1909	23:28:10	26° II 04'39"
Solar	Partial	12 Dec 1909	19:58:29	20° V 11'07"
Solar	Total	9 May 1910	05:32:37	17° X 42'36"
Solar	Partial	2 Nov 1910	01:55:50	08° III 46'25"
Solar	Total	28 Apr 1911	22:24:47	07° X 29'56"
Solar	Annular	22 Oct 1911	04:09:09	27° X 38'28"
Solar	Hybrid	17 Apr 1912	11:39:52	27° V 05'18"
Solar	Total	10 Oct 1912	13:40:23	16° X 52'39"
Solar	Partial	6 Apr 1913	17:47:45	16° V 19'12"
Solar	Partial	31 Aug 1913	20:37:46	07° VII 48'14"
Solar	Partial	30 Sep 1913	04:56:31	06° X 25'25"
Solar	Annular	25 Feb 1914	00:01:46	05° X 33'20"
Solar	Total	21 Aug 1914	12:26:07	27° IX 35'14"
Solar	Annular	14 Feb 1915	04:30:47	24° X 24'38"
Solar	Annular	10 Aug 1915	22:51:58	17° IX 12'05"
Solar	Total	3 Feb 1916	16:05:15	13° X 30'51"
Solar	Annular	30 Jul 1916	02:14:56	06° IX 34'03"
Solar	Partial	24 Dec 1916	20:30:50	02° V 44'27"
Solar	Partial	23 Jan 1917	07:39:38	02° X 45'28"
Solar	Partial	19 Jun 1917	13:01:48	27° II 38'42"
Solar	Partial	19 Jul 1917	02:59:36	25° X 51'23"
Solar	Annular	14 Dec 1917	09:17:02	21° V 49'59"
Solar	Total	8 Jun 1918	22:02:25	17° II 16'01"
Solar	Annular	3 Dec 1918	15:18:52	10° V 39'52"
Solar	Total	29 May 1919	13:11:34	07° II 06'19"
Solar	Annular	22 Nov 1919	15:19:19	29° III 16'46"
Solar	Partial	18 May 1920	06:24:46	26° X 59'39"
Solar	Partial	10 Nov 1920	16:04:48	17° III 58'27"
Solar	Annular	8 Apr 1921	09:04:46	17° V 59'19"
Solar	Total	1 Oct 1921	12:26	07° X 46'40"
Solar	Annular	28 Mar 1922	13:03	07° V 04'11"

Eclipse Report

S/L	Type	Date	Time (UT)	Position
Solar	Total	21 Sep 1922	04:37:58	27° 17' 24" 30"
Solar	Annular	17 Mar 1923	12:51:04	25° 16' 54" 52"
Solar	Total	10 Sep 1923	20:52:26	17° 17' 06" 11"
Solar	Partial	5 Mar 1924	15:57:32	14° 16' 49" 22"
Solar	Partial	31 Jul 1924	19:41:43	08° 08' 16" 28"
Solar	Partial	30 Aug 1924	08:36:38	06° 17' 40" 24"
Solar	Total	24 Jan 1925	14:44:52	04° 16' 07" 50"
Solar	Annular	20 Jul 1925	21:39:45	27° 08' 36" 32"
Solar	Total	14 Jan 1926	06:34:32	23° 13' 21" 10"
Solar	Annular	9 Jul 1926	23:06:15	16° 08' 56" 52"
Solar	Annular	3 Jan 1927	20:27:46	12° 13' 28" 52"
Solar	Total	29 Jun 1927	06:31:51	06° 08' 31" 30"
Solar	Partial	24 Dec 1927	04:13:09	01° 13' 21" 18"
Solar	Total	19 May 1928	13:13:55	28° 08' 17" 24"
Solar	Partial	17 Jun 1928	20:41:58	26° 02' 21" 51"
Solar	Partial	12 Nov 1928	09:35:13	19° 08' 46" 01"
Solar	Total	9 May 1929	06:07:10	18° 08' 07" 21"
Solar	Annular	1 Nov 1929	12:00:46	08° 08' 35" 15"
Solar	Hybrid	28 Apr 1930	19:08:19	07° 08' 45" 08"
Solar	Total	21 Oct 1930	21:47:31	27° 06' 46" 24"
Solar	Partial	18 Apr 1931	00:59:34	27° 01' 02" 31"
Solar	Partial	12 Sep 1931	04:26:20	18° 17' 27" 01"
Solar	Partial	11 Oct 1931	13:05:51	17° 06' 15" 06"
Solar	Annular	7 Mar 1932	07:44:13	16° 16' 32" 22"
Solar	Total	31 Aug 1932	19:54:31	08° 17' 09" 54"
Solar	Annular	24 Feb 1933	12:43:49	05° 16' 28" 30"
Solar	Annular	21 Aug 1933	05:47:47	27° 08' 42" 26"
Solar	Total	14 Feb 1934	00:43:21	24° 16' 38" 41"
Solar	Annular	10 Aug 1934	08:45:32	17° 08' 01" 35"
Solar	Partial	5 Jan 1935	05:20:04	13° 13' 57" 01"
Solar	Partial	3 Feb 1935	16:27:18	13° 16' 55" 41"
Solar	Partial	30 Jun 1935	19:44:27	08° 08' 04" 20"
Solar	Partial	30 Jul 1935	09:32:22	06° 08' 17" 31"
Solar	Annular	25 Dec 1935	17:49:24	03° 13' 01" 26"
Solar	Total	19 Jun 1936	05:14:26	27° 02' 43" 41"
Solar	Annular	13 Dec 1936	23:24:51	21° 07' 48" 34"
Solar	Total	8 Jun 1937	20:42:55	17° 02' 36" 17"
Solar	Annular	2 Dec 1937	23:10:38	10° 07' 22" 38"
Solar	Total	29 May 1938	13:59:32	07° 02' 31" 48"
Solar	Partial	22 Nov 1938	00:04:40	29° 08' 01" 48"
Solar	Annular	19 Apr 1939	16:35:01	28° 01' 43" 29"
Solar	Total	12 Oct 1939	20:30:04	18° 06' 36" 31"
Solar	Annular	7 Apr 1940	20:18:19	17° 01' 51" 30"
Solar	Total	1 Oct 1940	12:41:04	08° 06' 10" 42"
Solar	Annular	27 Mar 1941	20:13:41	06° 01' 46" 06"
Solar	Total	21 Sep 1941	04:38:28	27° 17' 48" 04"
Solar	Partial	16 Mar 1942	23:49:52	25° 16' 45" 34"
Solar	Partial	12 Aug 1942	02:27:39	18° 08' 45" 23"
Solar	Partial	10 Sep 1942	15:52:40	17° 17' 17" 58"
Solar	Total	4 Feb 1943	23:28:54	15° 16' 17" 16"
Solar	Annular	1 Aug 1943	04:06:15	08° 08' 02" 50"
Solar	Total	25 Jan 1944	15:24:10	04° 16' 32" 56"
Solar	Annular	20 Jul 1944	05:42:24	27° 08' 21" 52"
Solar	Annular	14 Jan 1945	05:06:33	23° 13' 41" 10"
Solar	Total	9 Jul 1945	13:35:13	16° 08' 57" 11"
Solar	Partial	3 Jan 1946	12:29:38	12° 13' 32" 43"

Eclipse Report

S/L	Type	Date	Time (UT)	Position
Solar	Partial	30 May 1946	20:49:19	08° II 48'46"
Solar	Partial	29 Jun 1946	04:05:41	06° ☾ 48'41"
Solar	Partial	23 Nov 1946	17:23:46	00° ♁ 49'36"
Solar	Total	20 May 1947	13:43:39	28° ☿ 41'59"
Solar	Annular	12 Nov 1947	20:00:54	19° ♁ 35'32"
Solar	Annular	9 May 1948	02:30:07	18° ☿ 22'19"
Solar	Total	1 Nov 1948	06:02:32	08° ♁ 43'44"
Solar	Partial	28 Apr 1949	08:02:12	07° ☿ 42'02"
Solar	Partial	21 Oct 1949	21:22:47	28° ♁ 08'45"
Solar	Annular	18 Mar 1950	15:20	27° ♁ 27'47"
Solar	Total	12 Sep 1950	03:28:52	18° ♁ 48'19"
Solar	Annular	7 Mar 1951	20:50:30	16° ♁ 28'35"
Solar	Annular	1 Sep 1951	12:49:34	08° ♁ 16'27"
Solar	Total	25 Feb 1952	09:15:56	05° ♁ 43'19"
Solar	Annular	20 Aug 1952	15:20:19	27° ♁ 31'18"
Solar	Partial	14 Feb 1953	01:10:14	25° ♁ 03'23"
Solar	Partial	11 Jul 1953	02:28:06	18° ☾ 29'35"
Solar	Partial	9 Aug 1953	16:09:55	16° ♁ 45'19"
Solar	Annular	5 Jan 1954	02:21:19	14° ♁ 13'05"
Solar	Total	30 Jun 1954	12:25:40	08° ☾ 10'10"
Solar	Annular	25 Dec 1954	07:33:08	02° ♁ 58'43"
Solar	Total	20 Jun 1955	04:11:44	28° II 04'39"
Solar	Annular	14 Dec 1955	07:07:02	21° ♁ 30'45"
Solar	Total	8 Jun 1956	21:29:07	18° II 01'32"
Solar	Partial	2 Dec 1956	08:12:30	10° ♁ 08'32"
Solar	Annular	29 Apr 1957	23:53:46	09° ☿ 22'46"
Solar	Total	23 Oct 1957	04:43:20	29° ♁ 30'54"
Solar	Annular	19 Apr 1958	03:23:27	28° ♁ 34'23"
Solar	Total	12 Oct 1958	20:51:54	19° ♁ 01'12"
Solar	Annular	8 Apr 1959	03:28:59	17° ♁ 33'35"
Solar	Total	2 Oct 1959	12:30:51	08° ♁ 33'50"
Solar	Partial	27 Mar 1960	07:37:18	06° ♁ 38'48"
Solar	Partial	20 Sep 1960	23:12:29	27° ♁ 58'12"
Solar	Total	15 Feb 1961	08:10:19	26° ♁ 25'13"
Solar	Annular	11 Aug 1961	10:35:44	18° ♁ 30'34"
Solar	Total	5 Feb 1962	00:09:53	15° ♁ 42'47"
Solar	Annular	31 Jul 1962	12:23:40	07° ♁ 48'37"
Solar	Annular	25 Jan 1963	13:41:53	04° ♁ 52'03"
Solar	Total	20 Jul 1963	20:42:41	27° ☾ 24'09"
Solar	Partial	14 Jan 1964	20:43:28	23° ♁ 43'15"
Solar	Partial	10 Jun 1964	04:22:16	19° II 18'45"
Solar	Partial	9 Jul 1964	11:30:46	17° ☾ 15'52"
Solar	Partial	4 Dec 1964	01:18:11	11° ♁ 55'43"
Solar	Total	30 May 1965	21:12:31	09° II 13'05"
Solar	Annular	23 Nov 1965	04:09:50	00° ♁ 39'37"
Solar	Annular	20 May 1966	09:42:14	28° ☿ 55'26"
Solar	Total	12 Nov 1966	14:26:19	19° ♁ 45'18"
Solar	Partial	9 May 1967	14:55:18	18° ☿ 17'31"
Solar	Total	2 Nov 1967	05:48:18	09° ♁ 06'58"
Solar	Partial	28 Mar 1968	22:47:58	08° ♁ 19'01"
Solar	Total	22 Sep 1968	11:08:05	29° ♁ 29'53"
Solar	Annular	18 Mar 1969	04:51:20	27° ♁ 25'12"
Solar	Annular	11 Sep 1969	19:55:47	18° ♁ 53'22"
Solar	Total	7 Mar 1970	17:42:26	16° ♁ 44'27"
Solar	Annular	31 Aug 1970	22:01:12	08° ♁ 04'04"
Solar	Partial	25 Feb 1971	09:48:33	06° ♁ 08'36"

Eclipse Report

S/L	Type	Date	Time (UT)	Position
Solar	Partial	22 Jul 1971	09:14:57	28° ☿ 55'32"
Solar	Partial	20 Aug 1971	22:53:20	27° ♁ 15'18"
Solar	Annular	16 Jan 1972	10:52:23	25° ♃ 24'43"
Solar	Total	10 Jul 1972	19:38:45	18° ☿ 36'49"
Solar	Annular	4 Jan 1973	15:42:29	14° ♃ 09'44"
Solar	Total	30 Jun 1973	11:38:44	08° ☿ 31'50"
Solar	Annular	24 Dec 1973	15:07:01	02° ♃ 40'28"
Solar	Total	20 Jun 1974	04:55:39	28° ♀ 30'01"
Solar	Partial	13 Dec 1974	16:24:44	21° ♁ 16'57"
Solar	Partial	11 May 1975	07:04:52	19° ☿ 59'03"
Solar	Partial	3 Nov 1975	13:04:45	10° ♁ 29'15"
Solar	Annular	29 Apr 1976	10:19:28	09° ☿ 13'21"
Solar	Total	23 Oct 1976	05:09:37	29° ♁ 55'30"
Solar	Annular	18 Apr 1977	10:35:25	28° ♀ 16'31"
Solar	Total	12 Oct 1977	20:30:41	19° ♁ 24'01"
Solar	Partial	7 Apr 1978	15:15:08	17° ♀ 26'38"
Solar	Partial	2 Oct 1978	06:40:38	08° ♁ 43'17"
Solar	Total	26 Feb 1979	16:45:13	07° ♁ 29'29"
Solar	Annular	22 Aug 1979	17:10:25	29° ♁ 00'42"
Solar	Total	16 Feb 1980	08:50:52	26° ♁ 50'15"
Solar	Annular	10 Aug 1980	19:09:17	18° ♁ 16'41"
Solar	Annular	4 Feb 1981	22:13:45	16° ♁ 01'37"
Solar	Total	31 Jul 1981	03:51:57	07° ♁ 51'14"
Solar	Partial	25 Jan 1982	04:55:56	04° ♁ 53'37"
Solar	Partial	21 Jun 1982	11:51:45	29° ♀ 46'49"
Solar	Partial	20 Jul 1982	18:56:37	27° ☿ 43'09"
Solar	Partial	15 Dec 1982	09:18:03	23° ♁ 04'12"
Solar	Total	11 Jun 1983	04:37:31	19° ♀ 42'44"
Solar	Annular	4 Dec 1983	12:25:51	11° ♁ 46'43"
Solar	Annular	30 May 1984	16:47:50	09° ♀ 26'13"
Solar	Total	22 Nov 1984	22:56:40	00° ♁ 49'58"
Solar	Partial	19 May 1985	21:41:06	28° ☿ 50'08"
Solar	Total	12 Nov 1985	14:20:20	20° ♁ 08'44"
Solar	Partial	9 Apr 1986	06:08:07	19° ♀ 06'02"
Solar	Hybrid	3 Oct 1986	18:54:45	10° ♁ 15'56"
Solar	Hybrid	29 Mar 1987	12:45:32	08° ♀ 17'50"
Solar	Annular	23 Sep 1987	03:08:12	29° ♀ 34'
Solar	Total	18 Mar 1988	02:02:19	27° ♁ 41'46"
Solar	Annular	11 Sep 1988	04:49:08	18° ♀ 40'13"
Solar	Partial	7 Mar 1989	18:18:39	17° ♁ 09'30"
Solar	Partial	31 Aug 1989	05:44:30	07° ♀ 48'18"
Solar	Annular	26 Jan 1990	19:20:02	06° ♁ 35'02"
Solar	Total	22 Jul 1990	02:54:17	29° ☿ 03'59"
Solar	Annular	15 Jan 1991	23:49:39	25° ♃ 20'01"
Solar	Total	11 Jul 1991	19:06:05	18° ☿ 58'59"
Solar	Annular	4 Jan 1992	23:09:34	13° ♃ 51'13"
Solar	Total	30 Jun 1992	12:18:01	08° ☿ 56'43"
Solar	Partial	24 Dec 1992	00:42:50	02° ♃ 27'44"
Solar	Partial	21 May 1993	14:06:31	00° ♀ 31'28"
Solar	Partial	13 Nov 1993	21:34:20	21° ♁ 31'41"
Solar	Annular	10 May 1994	17:06:34	19° ☿ 48'24"
Solar	Total	3 Nov 1994	13:35:29	10° ♁ 54'14"
Solar	Annular	29 Apr 1995	17:36:19	08° ☿ 56'21"
Solar	Total	24 Oct 1995	04:36:12	00° ♁ 17'37"
Solar	Partial	17 Apr 1996	22:48:45	28° ♀ 11'38"
Solar	Partial	12 Oct 1996	14:14:25	19° ♁ 31'46"

Eclipse Report

S/L	Type	Date	Time (UT)	Position
Solar	Total	9 Mar 1997	01:14:34	18° Ƶ 30'38"
Solar	Partial	1 Sep 1997	23:51:34	09° ƶ 33'40"
Solar	Total	26 Feb 1998	17:25:55	07° Ƶ 54'40"
Solar	Annular	22 Aug 1998	02:03:05	28° Ɔ 47'52"
Solar	Annular	16 Feb 1999	06:38:41	27° ƶ 08'01"
Solar	Total	11 Aug 1999	11:08:30	18° Ɔ 21'12"
Solar	Partial	5 Feb 2000	13:03:16	16° ƶ 01'49"
Solar	Partial	1 Jul 2000	19:19:55	10° Ɔ 14'07"
Solar	Partial	31 Jul 2000	02:25:08	08° Ɔ 11'31"
Solar	Partial	25 Dec 2000	17:21:36	04° ƶ 14'05"
Solar	Total	21 Jun 2001	11:57:45	00° Ɔ 10'20"
Solar	Annular	14 Dec 2001	20:47:23	22° ƶ 56'01"
Solar	Annular	10 Jun 2002	23:46:31	19° Ⅱ 54'19"
Solar	Total	4 Dec 2002	07:34:21	11° ƶ 58'05"
Solar	Annular	31 May 2003	04:19:52	09° Ⅱ 19'49"
Solar	Total	23 Nov 2003	22:58:56	01° ƶ 13'57"
Solar	Partial	19 Apr 2004	13:21:11	29° ƶ 49'02"
Solar	Partial	14 Oct 2004	02:48:15	21° ƶ 05'59"
Solar	Hybrid	8 Apr 2005	20:32	19° ƶ 05'54"
Solar	Annular	3 Oct 2005	10:27:52	10° ƶ 18'42"
Solar	Total	29 Mar 2006	10:15:15	08° ƶ 35'01"
Solar	Annular	22 Sep 2006	11:45:03	29° ƶ 20'06"
Solar	Partial	19 Mar 2007	02:42:33	28° Ƶ 07'05"
Solar	Partial	11 Sep 2007	12:44:13	18° ƶ 24'39"
Solar	Annular	7 Feb 2008	03:44:30	17° ƶ 44'08"
Solar	Total	1 Aug 2008	10:12:33	09° Ɔ 31'49"
Solar	Annular	26 Jan 2009	07:55:17	06° ƶ 29'51"
Solar	Total	22 Jul 2009	02:34:35	29° Ɔ 26'31"
Solar	Annular	15 Jan 2010	07:11:22	25° ƶ 01'23"
Solar	Total	11 Jul 2010	19:40:27	19° Ɔ 23'49"
Solar	Partial	4 Jan 2011	09:02:36	13° ƶ 38'46"
Solar	Partial	1 Jun 2011	21:02:36	11° Ⅱ 01'52"
Solar	Partial	1 Jul 2011	08:53:54	09° Ɔ 12'23"
Solar	Partial	25 Nov 2011	06:09:40	02° ƶ 36'48"
Solar	Annular	20 May 2012	23:47:01	00° Ⅱ 20'30"
Solar	Total	13 Nov 2012	22:07:59	21° Ⅱ 56'30"
Solar	Annular	10 May 2013	00:28:22	19° ƶ 31'26"
Solar	Hybrid	3 Nov 2013	12:49:56	11° Ⅱ 15'50"
Solar	Annular	29 Apr 2014	06:14:19	08° ƶ 51'46"
Solar	Partial	23 Oct 2014	21:56:37	00° Ⅱ 24'53"
Solar	Total	20 Mar 2015	09:36:08	29° Ƶ 27'19"
Solar	Partial	13 Sep 2015	06:41:13	20° ƶ 10'21"
Solar	Total	9 Mar 2016	01:54:26	18° Ƶ 55'41"
Solar	Annular	1 Sep 2016	09:03:02	09° ƶ 21'10"
Solar	Annular	26 Feb 2017	14:58:18	08° Ƶ 12'06"
Solar	Total	21 Aug 2017	18:30:06	28° Ɔ 52'56"
Solar	Partial	15 Feb 2018	21:05:07	27° ƶ 07'49"
Solar	Partial	13 Jul 2018	02:47:46	20° Ɔ 41'14"
Solar	Partial	11 Aug 2018	09:57:38	18° Ɔ 41'41"
Solar	Partial	6 Jan 2019	01:28:04	15° ƶ 25'02"
Solar	Total	2 Jul 2019	19:16:05	10° Ɔ 37'33"
Solar	Annular	26 Dec 2019	05:12:59	04° ƶ 06'51"
Solar	Annular	21 Jun 2020	06:41:18	00° Ɔ 21'23"
Solar	Total	14 Dec 2020	16:16:25	23° ƶ 08'14"