

Table of Solar Eclipses 1916-2016

Columns give year, date, zodiac position, Saros series nodal designation and number, eclipse type.

T = total, A = annular, P = partial, H = hybrid. Date format is dd/mm.

N = north, N/O = old north, N/N = new north. S = south, S/O = old south, S/N = new south.

1916	03/02	13 AQU 31	N	08	T
	30/07	06 LEO 34	S	08	A
	24/12	02 CAP 44	N/O	09	P
1917	23/01	02 AQU 45	N/N	09	P
	19/06	27 GEM 39	S/O	09	P
	19/07	25 CAN 51	S/N	09	P
	14/12	21 SAG 50	N	10	A
1918	08/06	17 GEM 16	S	10	T
	03/12	10 SAG 40	N	11	A
1919	29/05	07 GEM 06	S	11	T
	22/11	29 SCO 17	N	12	A
1920	18/05	27 TAU 00	S	12	P
	10/11	17 SCO 58	N	13	P
1921	08/04	17 ARI 59	S	13	A
	01/10	07 LIB 47	N	14	T
1922	28/03	07 ARI 04	S	14	A
	21/09	27 VIR 24	N	15	T
1923	17/03	25 PIS 55	S	15	A
	10/09	17 VIR 06	N	16	T
1924	05/03	14 PIS 49	S	16	P
	31/07	08 LEO 16	N/O	17	P
	30/08	06 VIR 40	N/N	17	P
1925	24/01	04 AQU 08	S	17	T
	20/07	27 CAN 37	N	18	A
1926	14/01	23 CAP 21	S	18	T
	09/07	16 CAN 57	N	19	A
1927	03/01	12 CAP 29	S	19	A
	29/06	06 CAN 31	N	01	T
	24/12	01 CAP 21	S	01	P
1928	19/05	28 TAU 17	N/O	02	T
	17/06	26 GEM 22	N/N	02	P
	12/11	19 SCO 46	S	02	P
1929	09/05	18 TAU 07	N	03	T
	01/11	08 SCO 35	S	03	A
1930	28/04	07 TAU 45	N	04	H
	21/10	27 LIB 46	S	04	T
1931	18/04	27 ARI 03	N	05	P
	12/09	18 VIR 27	S/O	05	P
	11/10	17 LIB 15	S/N	05	P
1932	07/03	16 PIS 32	N	06	A
	31/08	08 VIR 10	S	06	T
1933	24/02	05 PIS 29	N	07	A
	21/08	27 LEO 42	S	07	A
1934	14/02	24 AQU 39	N	08	T
	10/08	17 LEO 02	S	08	A
1935	05/01	13 CAP 57	N/O	09	P
	03/02	13 AQU 56	N/N	09	P
	30/06	08 CAN 04	S/O	09	P
	30/07	06 LEO 18	S/N	09	P
	25/12	03 CAP 01	N	10	A
1936	19/06	27 GEM 44	S	10	T
	13/12	21 SAG 49	N	11	A
1937	08/06	17 GEM 36	S	11	T
	02/12	10 SAG 23	N	12	A
1938	29/05	07 GEM 32	S	12	T
	22/11	29 SCO 02	N	13	P
1939	19/04	28 ARI 43	S	13	A
	12/10	18 LIB 37	N	14	T

1940	07/04	17 ARI 52	S	14	A
	01/10	08 LIB 11	N	15	T
1941	27/03	06 ARI 46	S	15	A
	21/09	27 VIR 48	N	16	T
1942	16/03	25 PIS 46	S	16	P
	12/08	18 LEO 45	N/O	17	P
	10/09	17 VIR 18	N/N	17	P
1943	04/02	15 AQU 17	S	17	T
	01/08	08 LEO 03	N	18	A
1944	25/01	04 AQU 33	S	18	T
	20/07	27 CAN 22	N	19	A
1945	14/01	23 CAP 41	S	19	A
	09/07	16 CAN 57	N	01	T
1946	03/01	12 CAP 33	S	01	P
	30/05	08 GEM 49	N/O	02	P
	29/06	06 CAN 49	N/N	02	P
	23/11	00 SAG 50	S	02	P
1947	20/05	28 TAU 42	N	03	T
	12/11	19 SCO 36	S	03	A
1948	09/05	18 TAU 22	N	04	A
	01/11	08 SCO 44	S	04	T
1949	28/04	07 TAU 42	N	05	P
	21/10	28 LIB 09	S	05	P
1950	18/03	27 PIS 28	N	06	A
	12/09	18 VIR 48	S	06	T
1951	07/03	16 PIS 29	N	07	A
	01/09	08 VIR 16	S	07	A
1952	25/02	05 PIS 43	N	08	T
	20/08	27 LEO 31	S	08	A
1953	14/02	25 AQU 03	N/N	09	P
	11/07	18 CAN 30	S/O	09	P
	09/08	16 LEO 45	S/N	09	P
1954	05/01	14 CAP 13	N	10	A
	30/06	08 CAN 10	S	10	T
	25/12	02 CAP 59	N	11	A
1955	20/06	28 GEM 05	S	11	T
	14/12	21 SAG 31	N	12	A
1956	08/06	18 GEM 02	S	12	T
	02/12	10 SAG 09	N	13	P
1957	29/04	09 TAU 23	S	13	A
	23/10	29 LIB 31	N	14	T
1958	19/04	28 ARI 34	S	14	A
	12/10	19 LIB 01	N	15	T
1959	08/04	17 ARI 34	S	15	A
	02/10	08 LIB 34	N	16	T
1960	27/03	06 ARI 39	S	16	P
	20/09	27 VIR 58	N/N	17	P
1961	15/02	26 AQU 25	S	17	T
	11/08	18 LEO 31	N	18	A
1962	05/02	15 AQU 43	S	18	T
	31/07	07 LEO 49	N	19	A
1963	25/01	04 AQU 52	S	19	A
	20/07	27 CAN 24	N	01	T
1964	14/01	23 CAP 43	S	01	P
	10/06	19 GEM 19	N/O	02	P
	09/07	17 CAN 16	N/N	02	P
	04/12	11 SAG 56	S	02	P

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1965	30/05	09 GEM 13	N	03	T
	23/11	00 SAG 40	S	03	A
1966	20/05	28 TAU 55	N	04	A
	12/11	19 SCO 45	S	04	T
1967	09/05	18 TAU 18	N	05	P
	02/11	09 SCO 07	S	05	T
1968	28/03	08 ARI 19	N	06	P
	22/09	29 VIR 30	S	06	T
1969	18/03	27 PIS 45	N	07	A
	11/09	18 VIR 53	S	07	A
1970	07/03	16 PIS 44	N	08	T
	31/08	08 VIR 04	S	08	A
1971	25/02	06 PIS 09	N/N	09	P
	22/07	28 CAN 56	S/O	09	P
	20/08	27 LEO 15	S/N	09	P
1972	16/01	25 CAP 25	N	10	A
	10/07	18 CAN 37	S	10	T
1973	04/01	14 CAP 10	N	11	A
	30/06	08 CAN 32	S	11	T
	24/12	02 CAP 40	N	12	A
1974	20/06	28 GEM 30	S	12	T
	13/12	21 SAG 17	N	13	P
1975	11/05	19 TAU 59	S	13	P
	03/11	10 SCO 29	N	14	P
1976	29/04	09 TAU 13	S	14	A
	23/10	29 LIB 55	N	15	T
1977	18/04	28 ARI 17	S	15	A
	12/10	19 LIB 24	N	16	T
1978	07/04	17 ARI 27	S	16	P
	02/10	08 LIB 43	N/N	17	P
1979	26/02	07 PIS 29	S	17	T
	22/08	29 LEO 01	N	18	A
1980	16/02	26 AQU 50	S	18	T
	10/08	18 LEO 17	N	19	A
1981	04/02	16 AQU 02	S	19	A
	31/07	07 LEO 51	N	01	T
1982	25/01	04 AQU 54	S	01	P
	21/06	29 GEM 47	N/O	02	P
	20/07	27 CAN 43	N/N	02	P
	15/12	23 SAG 04	S	02	P
1983	11/06	19 GEM 43	N	03	T
	04/12	11 SAG 47	S	03	A
1984	30/05	09 GEM 26	N	04	A
	22/11	00 SAG 50	S	04	T
1985	19/05	28 TAU 50	N	05	P
	12/11	20 SCO 09	S	05	T
1986	09/04	19 ARI 06	N	06	P
	03/10	10 LIB 16	S	06	H
1987	29/03	08 ARI 18	N	07	H
	23/09	29 VIR 34	S	07	A
1988	18/03	27 PIS 42	N	08	T
	11/09	18 VIR 40	S	08	A
1989	07/03	17 PIS 10	N/N	09	P
	31/08	07 VIR 48	S/N	09	P
1990	26/01	06 AQU 35	N	10	A
	22/07	29 CAN 04	S	10	T

1991	15/01	25 CAP 20	N	11	A
	11/07	18 CAN 59	S	11	T
1992	04/01	13 CAP 51	N	12	A
	30/06	08 CAN 57	S	12	T
	24/12	02 CAP 58	N	13	P
1993	21/05	00 GEM 31	S	13	P
	13/11	21 SCO 32	N	14	P
1994	10/05	19 TAU 48	S	14	A
	03/11	10 SCO 54	N	15	T
1995	29/04	08 TAU 56	S	15	A
	24/10	00 SCO 18	N	16	T
1996	17/04	28 ARI 12	S	16	P
	12/10	19 LIB 32	N/N	17	P
1997	09/03	18 PIS 31	S	17	T
	01/09	09 VIR 34	N	18	P
1998	26/02	07 PIS 55	S	18	T
	22/08	28 LEO 48	N	19	A
1999	16/02	27 AQU 08	S	19	A
	11/08	18 LEO 21	N	01	T
2000	05/02	16 AQU 02	S	01	P
	01/07	10 CAN 14	N/O	02	P
	31/07	08 LEO 12	N/N	02	P
	25/12	04 CAP 14	S	02	P
2001	21/06	00 CAN 10	N	03	T
	14/12	22 SAG 56	S	03	A
2002	10/06	19 GEM 54	N	04	A
	04/12	11 SAG 58	S	04	T
2003	31/05	09 GEM 20	N	05	A
	23/11	01 SAG 14	S/N	05	T
2004	19/04	29 ARI 49	N	06	P
	14/10	21 LIB 06	S	06	P
2005	08/04	19 ARI 06	N	07	H
	03/10	10 LIB 19	S	07	A
2006	29/03	08 ARI 35	N	08	T
	22/09	29 VIR 20	S	08	A
2007	19/03	28 PIS 07	N/N	09	P
	11/09	18 VIR 25	S/N	09	P
2008	07/02	17 AQU 44	N	10	A
	01/08	09 LEO 32	S	10	T
2009	26/01	06 AQU 30	N	11	A
	22/07	29 CAN 27	S	11	T
2010	15/01	25 CAP 01	N	12	A
	11/07	19 CAN 24	S	12	T
2011	04/01	13 CAP 39	N	13	P
	01/06	11 GEM 02	S/O	13	P
	01/07	09 CAN 12	S/N	13	P
	25/11	02 SAG 37	N	14	P
2012	20/05	00 GEM 21	S	14	A
	13/11	21 SCO 57	N	15	T
2013	10/05	19 TAU 31	S	15	A
	03/11	11 SCO 16	N	16	H
2014	29/04	08 TAU 52	S	16	A
	23/10	00 SCO 25	N/N	17	P
2015	20/03	29 PIS 27	S	17	T
	13/09	20 VIR 10	N	18	P
2016	09/03	18 PIS 56	S	18	T
	01/09	09 VIR 21	N	19	A