

1940-03-23 02:33 pm	☾♁☉	03°♁01'	03°♁01'	98.3%	Full Moon	Lunar Eclipse (Penumbral)	Super Moon
1940-04-07 03:19 pm	☾♁☉	17°♁52'	17°♁52'	04.9%	New Moon	Solar Eclipse (Annular)	
1940-04-21 11:37 pm	☾♁☉	01°♁54'	01°♁54'	89.5%	Full Moon	Lunar Eclipse (Penumbral)	
1940-10-01 07:41 am	☾♁☉	08°♁11'	08°♁11'	98.6%	New Moon	Solar Eclipse (Total)	Super Moon
1940-10-16 03:15 am	☾♁☉	22°♁49'	22°♁49'	01.4%	Full Moon	Lunar Eclipse (Penumbral)	
1941-03-13 06:47 am	☾♁☉	22°♁31'	22°♁31'	89.1%	Full Moon	Lunar Eclipse (Umbral)	
1941-03-27 03:13 pm	☾♁☉	06°♁46'	06°♁46'	05.6%	New Moon	Solar Eclipse (Annular)	
1941-09-05 12:36 pm	☾♁☉	12°♁45'	12°♁45'	32.1%	Full Moon	Lunar Eclipse (Umbral)	
1941-09-20 11:38 pm	☾♁☉	27°♁48'	27°♁48'	79.6%	New Moon	Solar Eclipse (Total)	
1942-03-02 07:20 pm	☾♁☉	11°♁48'	11°♁48'	52.7%	Full Moon	Lunar Eclipse (Umbral)	
1942-03-16 06:51 pm	☾♁☉	25°♁46'	25°♁46'	39.6%	New Moon	Solar Eclipse (Partial)	
1942-08-11 09:28 pm	☾♁☉	18°♁45'	18°♁45'	19.3%	New Moon	Solar Eclipse (Partial)	
1942-08-25 10:46 pm	☾♁☉	02°♁17'	02°♁17'	73.2%	Full Moon	Lunar Eclipse (Umbral)	
1942-09-10 10:53 am	☾♁☉	17°♁18'	17°♁18'	39.5%	New Moon	Solar Eclipse (Partial)	
1943-02-04 06:29 pm	☾♁☉	15°♁17'	15°♁17'	94.2%	New Moon	Solar Eclipse (Total)	Super Moon
1943-02-20 00:46 am	☾♁☉	00°♁43'	00°♁43'	13.4%	Full Moon	Lunar Eclipse (Umbral)	
1943-07-31 11:07 pm	☾♁☉	08°♁03'	08°♁03'	00.1%	New Moon	Solar Eclipse (Annular)	
1943-08-15 02:34 pm	☾♁☉	22°♁05'	22°♁05'	97.3%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1944-01-25 10:25 am	☾♁☉	04°♁33'	04°♁33'	95.6%	New Moon	Solar Eclipse (Total)	Super Moon
1944-02-09 00:29 am	☾♁☉	19°♁21'	19°♁21'	01.5%	Full Moon	Lunar Eclipse (Penumbral)	
1944-07-05 11:28 pm	☾♁☉	13°♁58'	13°♁58'	73.9%	Full Moon	Lunar Eclipse (Penumbral)	
1944-07-20 00:42 am	☾♁☉	27°♁22'	27°♁22'	18.4%	New Moon	Solar Eclipse (Annular)	
1944-08-04 07:40 am	☾♁☉	11°♁59'	11°♁59'	89.5%	Full Moon	Lunar Eclipse (Penumbral)	
1944-12-29 09:38 am	☾♁☉	07°♁47'	07°♁47'	49.7%	Full Moon	Lunar Eclipse (Penumbral)	
1945-01-14 00:07 am	☾♁☉	23°♁41'	23°♁41'	65.6%	New Moon	Solar Eclipse (Annular)	
1945-06-25 10:08 am	☾♁☉	03°♁40'	03°♁40'	33.1%	Full Moon	Lunar Eclipse (Umbral)	
1945-07-09 08:36 am	☾♁☉	16°♁57'	16°♁57'	58.7%	New Moon	Solar Eclipse (Total)	
1945-12-18 09:18 pm	☾♁☉	26°♁50'	26°♁50'	87.5%	Full Moon	Lunar Eclipse (Umbral)	
1946-01-03 07:31 am	☾♁☉	12°♁33'	12°♁33'	23.5%	New Moon	Solar Eclipse (Partial)	
1946-05-30 03:50 pm	☾♁☉	08°♁49'	08°♁49'	97.9%	New Moon	Solar Eclipse (Partial)	Super Moon
1946-06-14 01:43 pm	☾♁☉	23°♁05'	23°♁05'	03.3%	Full Moon	Lunar Eclipse (Umbral)	
1946-06-28 11:06 pm	☾♁☉	06°♁49'	06°♁49'	91.5%	New Moon	Solar Eclipse (Partial)	Super Moon
1946-11-23 12:24 pm	☾♁☉	00°♁50'	00°♁50'	03.8%	New Moon	Solar Eclipse (Partial)	
1946-12-08 12:53 pm	☾♁☉	16°♁03'	16°♁03'	99.2%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1947-05-20 08:45 am	☾♁☉	28°♁42'	28°♁42'	85.2%	New Moon	Solar Eclipse (Total)	
1947-06-03 02:27 pm	☾♁☉	12°♁22'	12°♁22'	08.4%	Full Moon	Lunar Eclipse (Umbral)	
1947-11-12 03:01 pm	☾♁☉	19°♁36'	19°♁36'	35.9%	New Moon	Solar Eclipse (Annular)	
1947-11-28 03:46 am	☾♁☉	05°♁16'	05°♁16'	77.6%	Full Moon	Lunar Eclipse (Penumbral)	
1948-04-23 08:29 am	☾♁☉	03°♁18'	03°♁18'	65.9%	Full Moon	Lunar Eclipse (Umbral)	
1948-05-08 09:30 pm	☾♁☉	18°♁22'	18°♁22'	47.6%	New Moon	Solar Eclipse (Total)	
1948-10-17 09:23 pm	☾♁☉	24°♁37'	24°♁37'	16.2%	Full Moon	Lunar Eclipse (Penumbral)	
1948-11-01 01:03 am	☾♁☉	08°♁44'	08°♁44'	77.0%	New Moon	Solar Eclipse (Total)	
1949-04-12 11:09 pm	☾♁☉	22°♁54'	22°♁54'	95.3%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1949-04-28 03:03 am	☾♁☉	07°♁42'	07°♁42'	10.2%	New Moon	Solar Eclipse (Partial)	
1949-10-06 09:53 pm	☾♁☉	13°♁30'	13°♁30'	00.9%	Full Moon	Lunar Eclipse (Umbral)	
1949-10-21 04:23 pm	☾♁☉	28°♁09'	28°♁09'	98.5%	New Moon	Solar Eclipse (Partial)	Super Moon
1950-03-18 10:20 am	☾♁☉	27°♁28'	27°♁28'	12.9%	New Moon	Solar Eclipse (Annular)	
1950-04-02 03:49 pm	☾♁☉	12°♁32'	12°♁32'	94.0%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1950-09-11 10:30 pm	☾♁☉	18°♁48'	18°♁48'	69.2%	New Moon	Solar Eclipse (Total)	
1950-09-25 11:21 pm	☾♁☉	02°♁31'	02°♁31'	23.2%	Full Moon	Lunar Eclipse (Umbral)	
1951-03-07 03:51 pm	☾♁☉	16°♁29'	16°♁29'	52.1%	New Moon	Solar Eclipse (Annular)	
1951-03-23 05:50 am	☾♁☉	02°♁00'	02°♁00'	62.6%	Full Moon	Lunar Eclipse (Penumbral)	
1951-08-16 10:00 pm	☾♁☉	23°♁25'	23°♁25'	82.8%	Full Moon	Lunar Eclipse (Penumbral)	
1951-09-01 07:50 am	☾♁☉	08°♁16'	08°♁16'	27.7%	New Moon	Solar Eclipse (Annular)	
1951-09-15 07:39 am	☾♁☉	21°♁52'	21°♁52'	64.5%	Full Moon	Lunar Eclipse (Penumbral)	
1952-02-10 07:28 pm	☾♁☉	21°♁14'	21°♁14'	06.1%	Full Moon	Lunar Eclipse (Umbral)	
1952-02-25 04:16 am	☾♁☉	05°♁43'	05°♁43'	88.7%	New Moon	Solar Eclipse (Total)	
1952-08-05 02:40 pm	☾♁☉	13°♁17'	13°♁17'	98.5%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1952-08-20 10:21 am	☾♁☉	27°♁31'	27°♁31'	01.3%	New Moon	Solar Eclipse (Annular)	
1953-01-15 09:08 am	☾♁☉	25°♁09'	25°♁09'	89.6%	New Moon	Solar Eclipse (Partial)	
1953-01-29 06:45 pm	☾♁☉	09°♁48'	09°♁48'	05.6%	Full Moon	Lunar Eclipse (Umbral)	
1953-02-13 08:11 pm	☾♁☉	25°♁03'	25°♁03'	98.3%	New Moon	Solar Eclipse (Partial)	Super Moon
1953-07-10 09:28 pm	☾♁☉	18°♁30'	18°♁30'	28.9%	New Moon	Solar Eclipse (Partial)	
1953-07-26 07:22 am	☾♁☉	03°♁12'	03°♁12'	81.5%	Full Moon	Lunar Eclipse (Umbral)	
1953-08-09 11:10 am	☾♁☉	16°♁45'	16°♁45'	11.4%	New Moon	Solar Eclipse (Partial)	
1954-01-04 09:22 pm	☾♁☉	14°♁13'	14°♁13'	53.2%	New Moon	Solar Eclipse (Annular)	

1954-01-18 09:37 pm	☾♂☉	28°♁30'	28°♁30'	39.2%	Full Moon	Lunar Eclipse (Umbral)	
1954-06-30 07:26 am	☾♂☉	08°♁10'	08°♁10'	70.1%	New Moon	Solar Eclipse (Total)	
1954-07-15 07:29 pm	☾♂☉	22°♁57'	22°♁57'	42.4%	Full Moon	Lunar Eclipse (Umbral)	
1954-12-25 02:33 am	☾♂☉	02°♁59'	02°♁59'	13.5%	New Moon	Solar Eclipse (Annular)	
1955-01-08 07:45 am	☾♂☉	17°♁28'	17°♁28'	80.1%	Full Moon	Lunar Eclipse (Penumbral)	
1955-06-05 09:09 am	☾♂☉	14°♁08'	14°♁08'	00.7%	Full Moon	Lunar Eclipse (Penumbral)	
1955-06-19 11:12 pm	☾♂☉	28°♁05'	28°♁05'	96.1%	New Moon	Solar Eclipse (Total)	Super Moon
1955-11-29 11:50 am	☾♂☉	06°♁42'	06°♁42'	96.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1955-12-14 02:08 am	☾♂☉	21°♁31'	21°♁31'	00.9%	New Moon	Solar Eclipse (Annular)	
1956-05-24 10:27 am	☾♂☉	03°♁25'	03°♁25'	16.6%	Full Moon	Lunar Eclipse (Umbral)	
1956-06-08 04:30 pm	☾♂☉	18°♁02'	18°♁02'	90.7%	New Moon	Solar Eclipse (Total)	Super Moon
1956-11-18 01:45 am	☾♂☉	25°♁55'	25°♁55'	66.4%	Full Moon	Lunar Eclipse (Umbral)	
1956-12-02 03:12 am	☾♂☉	10°♁09'	10°♁09'	26.2%	New Moon	Solar Eclipse (Partial)	
1957-04-29 06:55 pm	☾♂☉	09°♁23'	09°♁23'	35.5%	New Moon	Solar Eclipse (Partial)	
1957-05-13 05:35 pm	☾♂☉	22°♁52'	22°♁52'	56.4%	Full Moon	Lunar Eclipse (Umbral)	
1957-10-22 11:44 pm	☾♂☉	29°♁31'	29°♁31'	86.2%	New Moon	Solar Eclipse (Partial)	
1957-11-07 09:32 am	☾♂☉	14°♁55'	14°♁55'	24.6%	Full Moon	Lunar Eclipse (Umbral)	
1958-04-03 10:46 pm	☾♂☉	13°♁52'	13°♁52'	98.6%	Full Moon	Lunar Eclipse (Penumbral)	Super Moon
1958-04-18 10:24 pm	☾♂☉	28°♁34'	28°♁34'	03.8%	New Moon	Solar Eclipse (Annular)	
1958-05-03 07:24 am	☾♂☉	12°♁34'	12°♁34'	90.7%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1958-10-12 03:52 pm	☾♂☉	19°♁01'	19°♁01'	98.5%	New Moon	Solar Eclipse (Total)	Super Moon
1958-10-27 10:42 am	☾♂☉	03°♁43'	03°♁43'	01.0%	Full Moon	Lunar Eclipse (Penumbral)	
1959-03-24 03:03 pm	☾♂☉	03°♁26'	03°♁26'	87.5%	Full Moon	Lunar Eclipse (Umbral)	
1959-04-07 10:30 pm	☾♂☉	17°♁34'	17°♁34'	06.8%	New Moon	Solar Eclipse (Annular)	
1959-09-16 07:52 pm	☾♂☉	23°♁24'	23°♁24'	34.5%	Full Moon	Lunar Eclipse (Penumbral)	
1959-10-02 07:32 am	☾♂☉	08°♁34'	08°♁34'	77.8%	New Moon	Solar Eclipse (Total)	
1960-03-13 03:27 am	☾♂☉	22°♁47'	22°♁47'	50.3%	Full Moon	Lunar Eclipse (Umbral)	
1960-03-27 02:38 am	☾♂☉	06°♁39'	06°♁39'	41.9%	New Moon	Solar Eclipse (Partial)	
1960-09-05 06:19 am	☾♂☉	12°♁53'	12°♁53'	75.4%	Full Moon	Lunar Eclipse (Umbral)	
1960-09-20 06:13 pm	☾♂☉	27°♁58'	27°♁58'	37.1%	New Moon	Solar Eclipse (Partial)	
1961-02-15 03:11 am	☾♂☉	26°♁25'	26°♁25'	95.0%	New Moon	Solar Eclipse (Total)	Super Moon
1961-03-02 08:35 am	☾♂☉	11°♁45'	11°♁45'	11.9%	Full Moon	Lunar Eclipse (Umbral)	
1961-08-11 05:36 am	☾♂☉	18°♁31'	18°♁31'	00.2%	New Moon	Solar Eclipse (Annular)	
1961-08-25 10:14 pm	☾♂☉	02°♁39'	02°♁39'	97.9%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1962-02-04 07:10 pm	☾♂☉	15°♁43'	15°♁43'	94.7%	New Moon	Solar Eclipse (Total)	Super Moon
1962-02-19 08:19 am	☾♂☉	00°♁25'	00°♁25'	02.0%	Full Moon	Lunar Eclipse (Penumbral)	
1962-07-17 06:41 am	☾♂☉	24°♁25'	24°♁25'	71.7%	Full Moon	Lunar Eclipse (Penumbral)	
1962-07-31 07:24 am	☾♂☉	07°♁49'	07°♁49'	20.5%	New Moon	Solar Eclipse (Annular)	
1962-08-15 03:10 pm	☾♂☉	22°♁30'	22°♁30'	88.0%	Full Moon	Lunar Eclipse (Penumbral)	
1963-01-09 06:09 pm	☾♂☉	18°♁59'	18°♁59'	51.9%	Full Moon	Lunar Eclipse (Penumbral)	
1963-01-25 08:43 am	☾♂☉	04°♁52'	04°♁52'	63.4%	New Moon	Solar Eclipse (Annular)	
1963-07-06 04:57 pm	☾♂☉	14°♁06'	14°♁06'	30.6%	Full Moon	Lunar Eclipse (Umbral)	
1963-07-20 03:43 pm	☾♂☉	27°♁24'	27°♁24'	61.3%	New Moon	Solar Eclipse (Total)	
1963-12-30 06:05 am	☾♂☉	08°♁01'	08°♁01'	88.9%	Full Moon	Lunar Eclipse (Umbral)	
1964-01-14 03:44 pm	☾♂☉	23°♁43'	23°♁43'	21.6%	New Moon	Solar Eclipse (Partial)	
1964-06-09 11:23 pm	☾♂☉	19°♁19'	19°♁19'	98.0%	New Moon	Solar Eclipse (Partial)	Super Moon
1964-06-24 08:08 pm	☾♂☉	03°♁30'	03°♁30'	02.5%	Full Moon	Lunar Eclipse (Umbral)	
1964-07-09 06:31 am	☾♂☉	17°♁16'	17°♁16'	92.7%	New Moon	Solar Eclipse (Partial)	Super Moon
1964-12-03 08:19 pm	☾♂☉	11°♁56'	11°♁56'	04.8%	New Moon	Solar Eclipse (Partial)	
1964-12-18 09:42 pm	☾♂☉	27°♁14'	27°♁14'	99.0%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1965-05-30 04:13 pm	☾♂☉	09°♁13'	09°♁13'	83.4%	New Moon	Solar Eclipse (Total)	
1965-06-13 09:00 pm	☾♂☉	22°♁48'	22°♁48'	10.0%	Full Moon	Lunar Eclipse (Umbral)	
1965-11-22 11:11 pm	☾♂☉	00°♁40'	00°♁40'	38.1%	New Moon	Solar Eclipse (Annular)	
1965-12-08 12:22 pm	☾♂☉	16°♁25'	16°♁25'	75.8%	Full Moon	Lunar Eclipse (Penumbral)	
1966-05-04 04:01 pm	☾♂☉	13°♁56'	13°♁56'	68.1%	Full Moon	Lunar Eclipse (Penumbral)	
1966-05-20 04:44 am	☾♂☉	28°♁55'	28°♁55'	45.0%	New Moon	Solar Eclipse (Annular)	
1966-10-29 05:01 am	☾♂☉	05°♁32'	05°♁32'	14.5%	Full Moon	Lunar Eclipse (Penumbral)	
1966-11-12 09:27 am	☾♂☉	19°♁45'	19°♁45'	79.0%	New Moon	Solar Eclipse (Total)	
1967-04-24 07:04 am	☾♂☉	03°♁37'	03°♁37'	96.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1967-05-09 09:56 am	☾♂☉	18°♁18'	18°♁18'	08.6%	New Moon	Solar Eclipse (Partial)	
1967-10-18 05:11 am	☾♂☉	24°♁21'	24°♁21'	01.2%	Full Moon	Lunar Eclipse (Umbral)	
1967-11-02 00:49 am	☾♂☉	09°♁07'	09°♁07'	98.8%	New Moon	Solar Eclipse (Total)	Super Moon
1968-03-28 05:49 pm	☾♂☉	08°♁19'	08°♁19'	14.6%	New Moon	Solar Eclipse (Partial)	
1968-04-12 11:52 pm	☾♂☉	23°♁20'	23°♁20'	92.8%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1968-09-22 06:08 am	☾♂☉	29°♁30'	29°♁30'	67.0%	New Moon	Solar Eclipse (Total)	
1968-10-06 06:47 am	☾♂☉	13°♁17'	13°♁17'	25.4%	Full Moon	Lunar Eclipse (Umbral)	

1969-03-17	11:52 pm	☾♋☾	27°☿25'	27°☿25'	54.4%	New Moon	Solar Eclipse (Annular)	
1969-04-02	01:46 pm	☾♌☾	12°♁51'	12°♁51'	60.2%	Full Moon	Lunar Eclipse (Penumbral)	
1969-08-27	05:33 am	☾♌☾	03°☿58'	03°♍58'	84.7%	Full Moon	Lunar Eclipse (Penumbral)	
1969-09-11	02:57 pm	☾♋☾	18°♍53'	18°♍53'	25.5%	New Moon	Solar Eclipse (Annular)	
1969-09-25	03:21 pm	☾♌☾	02°♁35'	02°♁35'	66.9%	Full Moon	Lunar Eclipse (Penumbral)	
1970-02-21	03:20 am	☾♌☾	02°♍18'	02°☿18'	05.0%	Full Moon	Lunar Eclipse (Umbral)	
1970-03-07	12:43 pm	☾♋☾	16°☿44'	16°☿44'	89.9%	New Moon	Solar Eclipse (Total)	
1970-08-16	10:17 pm	☾♌☾	23°♁49'	23°♁49'	98.4%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1970-08-31	05:02 pm	☾♋☾	08°♍04'	08°♍04'	00.8%	New Moon	Solar Eclipse (Annular)	
1971-01-26	05:56 pm	☾♋☾	06°♁21'	06°♁21'	88.3%	New Moon	Solar Eclipse (Partial)	
1971-02-10	02:42 am	☾♌☾	20°♁55'	20°♁55'	06.6%	Full Moon	Lunar Eclipse (Umbral)	
1971-02-25	04:49 am	☾♋☾	06°☿09'	06°☿09'	97.8%	New Moon	Solar Eclipse (Partial)	Super Moon
1971-07-22	04:16 am	☾♋☾	28°♄56'	28°♄56'	31.4%	New Moon	Solar Eclipse (Partial)	
1971-08-06	02:43 pm	☾♌☾	13°♁41'	13°♁41'	79.6%	Full Moon	Lunar Eclipse (Umbral)	
1971-08-20	05:55 pm	☾♋☾	27°♁15'	27°♁15'	13.1%	New Moon	Solar Eclipse (Partial)	
1972-01-16	05:53 am	☾♋☾	25°♄25'	25°♄25'	51.0%	New Moon	Solar Eclipse (Annular)	
1972-01-30	05:59 am	☾♌☾	09°♁39'	09°♁39'	41.4%	Full Moon	Lunar Eclipse (Umbral)	
1972-07-10	02:39 pm	☾♋☾	18°♄37'	18°♄37'	72.4%	New Moon	Solar Eclipse (Total)	
1972-07-26	02:25 am	☾♌☾	03°♁24'	03°♁24'	39.8%	Full Moon	Lunar Eclipse (Umbral)	
1973-01-04	10:44 am	☾♋☾	14°♄10'	14°♄10'	12.0%	New Moon	Solar Eclipse (Annular)	
1973-01-18	04:29 pm	☾♌☾	28°♄40'	28°♄40'	81.7%	Full Moon	Lunar Eclipse (Penumbral)	
1973-06-15	03:35 pm	☾♌☾	24°♁35'	24°♁35'	00.6%	Full Moon	Lunar Eclipse (Penumbral)	
1973-06-30	06:40 am	☾♋☾	08°♄32'	08°♄32'	96.7%	New Moon	Solar Eclipse (Total)	Super Moon
1973-07-15	06:56 am	☾♌☾	22°♄51'	22°♄51'	06.1%	Full Moon	Lunar Eclipse (Penumbral)	
1973-12-09	08:36 pm	☾♌☾	17°♁51'	17°♁51'	95.3%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1973-12-24	10:07 am	☾♋☾	02°♄40'	02°♄40'	01.4%	New Moon	Solar Eclipse (Annular)	
1974-06-04	05:10 pm	☾♌☾	13°♁54'	13°♁54'	18.6%	Full Moon	Lunar Eclipse (Umbral)	
1974-06-19	11:56 pm	☾♋☾	28°♁30'	28°♁30'	89.3%	New Moon	Solar Eclipse (Total)	
1974-11-29	10:10 am	☾♌☾	07°♁01'	07°♁01'	64.4%	Full Moon	Lunar Eclipse (Umbral)	
1974-12-13	11:26 am	☾♋☾	21°♁17'	21°♁17'	28.2%	New Moon	Solar Eclipse (Partial)	
1975-05-11	02:06 am	☾♋☾	19°♄59'	19°♄59'	33.0%	New Moon	Solar Eclipse (Partial)	
1975-05-25	00:51 am	☾♌☾	03°♁25'	03°♁25'	58.9%	Full Moon	Lunar Eclipse (Umbral)	
1975-11-03	08:05 am	☾♋☾	10°♍29'	10°♍29'	87.8%	New Moon	Solar Eclipse (Partial)	
1975-11-18	05:30 pm	☾♌☾	25°♄58'	25°♄58'	22.7%	Full Moon	Lunar Eclipse (Umbral)	
1976-04-29	05:21 am	☾♋☾	09°♄13'	09°♄13'	02.9%	New Moon	Solar Eclipse (Annular)	
1976-05-13	03:05 pm	☾♌☾	23°♍10'	23°♄10'	91.9%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1976-10-23	00:11 am	☾♋☾	29°♁56'	29°♁56'	98.3%	New Moon	Solar Eclipse (Total)	Super Moon
1976-11-06	06:15 pm	☾♌☾	14°♄41'	14°♍41'	00.8%	Full Moon	Lunar Eclipse (Penumbral)	
1977-04-03	11:10 pm	☾♌☾	14°♁17'	14°♁17'	85.9%	Full Moon	Lunar Eclipse (Umbral)	
1977-04-18	05:36 am	☾♋☾	28°♁17'	28°♁17'	08.1%	New Moon	Solar Eclipse (Annular)	
1977-09-27	03:18 am	☾♌☾	04°♁07'	04°♁07'	37.0%	Full Moon	Lunar Eclipse (Penumbral)	
1977-10-12	03:31 pm	☾♋☾	19°♁24'	19°♁24'	75.9%	New Moon	Solar Eclipse (Total)	
1978-03-24	11:20 am	☾♌☾	03°♁40'	03°♁40'	47.9%	Full Moon	Lunar Eclipse (Umbral)	
1978-04-07	10:16 am	☾♋☾	17°♁27'	17°♁27'	44.2%	New Moon	Solar Eclipse (Partial)	
1978-09-16	02:02 pm	☾♌☾	23°☿33'	23°♍33'	77.6%	Full Moon	Lunar Eclipse (Umbral)	
1978-10-02	01:42 am	☾♋☾	08°♁43'	08°♁43'	34.7%	New Moon	Solar Eclipse (Partial)	
1979-02-26	11:46 am	☾♋☾	07°☿29'	07°☿29'	95.8%	New Moon	Solar Eclipse (Total)	Super Moon
1979-03-13	04:16 pm	☾♌☾	22°♍42'	22°☿42'	10.4%	Full Moon	Lunar Eclipse (Umbral)	
1979-08-22	12:12 pm	☾♋☾	29°♁01'	29°♁01'	00.4%	New Moon	Solar Eclipse (Annular)	
1979-09-06	06:00 am	☾♌☾	13°☿16'	13°♍16'	98.4%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1980-02-16	03:52 am	☾♋☾	26°♁50'	26°♁50'	93.7%	New Moon	Solar Eclipse (Total)	Super Moon
1980-03-01	04:00 pm	☾♌☾	11°♍26'	11°☿26'	02.6%	Full Moon	Lunar Eclipse (Penumbral)	
1980-07-27	01:55 pm	☾♌☾	04°♁52'	04°♁52'	69.4%	Full Moon	Lunar Eclipse (Penumbral)	
1980-08-10	02:10 pm	☾♋☾	18°♁17'	18°♁17'	22.8%	New Moon	Solar Eclipse (Annular)	
1980-08-25	10:43 pm	☾♌☾	03°☿03'	03°♍03'	86.5%	Full Moon	Lunar Eclipse (Penumbral)	
1981-01-20	02:40 am	☾♌☾	00°♁10'	00°♁10'	54.1%	Full Moon	Lunar Eclipse (Penumbral)	
1981-02-04	05:14 pm	☾♋☾	16°♁02'	16°♁02'	61.3%	New Moon	Solar Eclipse (Annular)	
1981-07-16	11:40 pm	☾♌☾	24°♄31'	24°♄31'	28.2%	Full Moon	Lunar Eclipse (Umbral)	
1981-07-30	10:53 pm	☾♋☾	07°♁51'	07°♁51'	63.8%	New Moon	Solar Eclipse (Total)	
1982-01-09	02:53 pm	☾♌☾	19°♄14'	19°♄14'	90.2%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1982-01-24	11:58 pm	☾♋☾	04°♁54'	04°♁54'	19.8%	New Moon	Solar Eclipse (Partial)	
1982-06-21	06:52 am	☾♋☾	29°♁47'	29°♁47'	98.0%	New Moon	Solar Eclipse (Partial)	Super Moon
1982-07-06	02:33 am	☾♌☾	13°♄55'	13°♄55'	01.8%	Full Moon	Lunar Eclipse (Umbral)	
1982-07-20	01:58 pm	☾♋☾	27°♄43'	27°♄43'	93.8%	New Moon	Solar Eclipse (Partial)	Super Moon
1982-12-15	04:19 am	☾♋☾	23°♁04'	23°♁04'	05.8%	New Moon	Solar Eclipse (Partial)	
1982-12-30	06:34 am	☾♌☾	08°♄27'	08°♄27'	98.6%	Full Moon	Lunar Eclipse (Umbral)	Super Moon

1983-06-10 11:39 pm	☾♋☾	19°Ⅱ43'	19°Ⅱ43'	81.4%	New Moon	Solar Eclipse (Total)	
1983-06-25 03:32 am	☾♋☾	03°Ⅴ14'	03°Ⅴ14'	11.6%	Full Moon	Lunar Eclipse (Umbral)	
1983-12-04 07:27 am	☾♋☾	11°Ⅶ47'	11°Ⅶ47'	40.4%	New Moon	Solar Eclipse (Annular)	
1983-12-19 09:01 pm	☾♋☾	27°Ⅱ36'	27°Ⅶ36'	73.9%	Full Moon	Lunar Eclipse (Penumbral)	
1984-05-14 11:30 pm	☾♋☾	24°Ⅲ32'	24°Ⅷ32'	70.4%	Full Moon	Lunar Eclipse (Penumbral)	
1984-05-30 11:49 am	☾♋☾	09°Ⅱ26'	09°Ⅱ26'	42.4%	New Moon	Solar Eclipse (Annular)	
1984-06-13 09:43 am	☾♋☾	22°Ⅶ45'	22°Ⅱ45'	49.4%	Full Moon	Lunar Eclipse (Penumbral)	
1984-11-08 12:43 pm	☾♋☾	16°Ⅷ30'	16°Ⅲ30'	12.9%	Full Moon	Lunar Eclipse (Penumbral)	
1984-11-22 05:58 pm	☾♋☾	00°Ⅶ50'	00°Ⅶ50'	80.8%	New Moon	Solar Eclipse (Total)	
1985-05-04 02:53 pm	☾♋☾	14°Ⅲ17'	14°Ⅷ17'	96.7%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1985-05-19 04:43 pm	☾♋☾	28°Ⅷ50'	28°Ⅷ50'	07.2%	New Moon	Solar Eclipse (Partial)	
1985-10-28 12:39 pm	☾♋☾	05°Ⅷ15'	05°Ⅲ15'	01.6%	Full Moon	Lunar Eclipse (Umbral)	
1985-11-12 09:22 am	☾♋☾	20°Ⅲ09'	20°Ⅲ09'	99.1%	New Moon	Solar Eclipse (Total)	Super Moon
1986-04-09 01:09 am	☾♋☾	19°Ⅳ06'	19°Ⅳ06'	16.3%	New Moon	Solar Eclipse (Partial)	
1986-04-24 07:48 am	☾♋☾	04°Ⅲ03'	04°Ⅷ03'	91.5%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1986-10-03 01:56 pm	☾♋☾	10°Ⅴ16'	10°Ⅴ16'	64.8%	New Moon	Solar Eclipse (Total)	
1986-10-17 02:22 pm	☾♋☾	24°Ⅳ07'	24°Ⅴ07'	27.6%	Full Moon	Lunar Eclipse (Umbral)	
1987-03-29 07:47 am	☾♋☾	08°Ⅳ18'	08°Ⅳ18'	56.6%	New Moon	Solar Eclipse (Total)	
1987-04-13 09:31 pm	☾♋☾	23°Ⅴ38'	23°Ⅳ38'	57.7%	Full Moon	Lunar Eclipse (Penumbral)	
1987-09-22 10:09 pm	☾♋☾	29°Ⅳ34'	29°Ⅳ34'	23.3%	New Moon	Solar Eclipse (Annular)	
1987-10-06 11:13 pm	☾♋☾	13°Ⅳ22'	13°Ⅴ22'	69.3%	Full Moon	Lunar Eclipse (Umbral)	
1988-03-03 11:02 am	☾♋☾	13°Ⅳ18'	13°Ⅵ18'	04.1%	Full Moon	Lunar Eclipse (Penumbral)	
1988-03-17 09:03 pm	☾♋☾	27°Ⅵ42'	27°Ⅵ42'	91.1%	New Moon	Solar Eclipse (Total)	Super Moon
1988-08-27 05:56 am	☾♋☾	04°Ⅵ23'	04°Ⅳ23'	98.3%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1988-09-10 11:51 pm	☾♋☾	18°Ⅳ40'	18°Ⅳ40'	00.4%	New Moon	Solar Eclipse (Annular)	
1989-02-20 10:33 am	☾♋☾	01°Ⅳ59'	01°Ⅵ59'	07.8%	Full Moon	Lunar Eclipse (Umbral)	
1989-03-07 01:20 pm	☾♋☾	17°Ⅵ10'	17°Ⅵ10'	97.1%	New Moon	Solar Eclipse (Partial)	Super Moon
1989-08-16 10:08 pm	☾♋☾	24°Ⅵ12'	24°Ⅷ12'	77.6%	Full Moon	Lunar Eclipse (Umbral)	
1989-08-31 00:45 am	☾♋☾	07°Ⅳ48'	07°Ⅳ48'	15.0%	New Moon	Solar Eclipse (Partial)	
1990-01-26 02:21 pm	☾♋☾	06°Ⅵ35'	06°Ⅵ35'	48.8%	New Moon	Solar Eclipse (Annular)	
1990-02-09 02:17 pm	☾♋☾	20°Ⅷ47'	20°Ⅵ47'	43.6%	Full Moon	Lunar Eclipse (Umbral)	
1990-07-21 09:55 pm	☾♋☾	29°Ⅴ04'	29°Ⅴ04'	74.6%	New Moon	Solar Eclipse (Total)	
1990-08-06 09:20 am	☾♋☾	13°Ⅵ52'	13°Ⅷ52'	37.3%	Full Moon	Lunar Eclipse (Umbral)	
1991-01-15 06:50 pm	☾♋☾	25°Ⅴ20'	25°Ⅴ20'	10.6%	New Moon	Solar Eclipse (Annular)	
1991-01-30 01:11 am	☾♋☾	09°Ⅷ51'	09°Ⅵ51'	83.3%	Full Moon	Lunar Eclipse (Penumbral)	
1991-06-26 09:59 pm	☾♋☾	05°Ⅴ00'	05°Ⅴ00'	00.6%	Full Moon	Lunar Eclipse (Penumbral)	
1991-07-11 02:07 pm	☾♋☾	18°Ⅴ59'	18°Ⅴ59'	97.2%	New Moon	Solar Eclipse (Total)	Super Moon
1991-07-26 01:26 pm	☾♋☾	03°Ⅵ16'	03°Ⅷ16'	04.9%	Full Moon	Lunar Eclipse (Penumbral)	
1991-12-21 05:24 am	☾♋☾	29°Ⅱ03'	29°Ⅶ03'	94.4%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1992-01-04 06:11 pm	☾♋☾	13°Ⅴ51'	13°Ⅴ51'	01.9%	New Moon	Solar Eclipse (Annular)	
1992-06-14 11:51 pm	☾♋☾	24°Ⅶ20'	24°Ⅱ20'	20.7%	Full Moon	Lunar Eclipse (Umbral)	
1992-06-30 07:20 am	☾♋☾	08°Ⅴ57'	08°Ⅴ57'	87.7%	New Moon	Solar Eclipse (Total)	
1992-12-09 06:42 pm	☾♋☾	18°Ⅱ10'	18°Ⅶ10'	62.3%	Full Moon	Lunar Eclipse (Umbral)	
1992-12-23 07:43 pm	☾♋☾	02°Ⅴ28'	02°Ⅴ28'	30.3%	New Moon	Solar Eclipse (Partial)	
1993-05-21 09:08 am	☾♋☾	00°Ⅱ32'	00°Ⅱ32'	30.5%	New Moon	Solar Eclipse (Partial)	
1993-06-04 08:03 am	☾♋☾	13°Ⅶ55'	13°Ⅱ55'	61.4%	Full Moon	Lunar Eclipse (Umbral)	
1993-11-13 04:36 pm	☾♋☾	21°Ⅲ32'	21°Ⅲ32'	89.2%	New Moon	Solar Eclipse (Partial)	
1993-11-29 01:31 am	☾♋☾	07°Ⅱ03'	07°Ⅶ03'	20.8%	Full Moon	Lunar Eclipse (Umbral)	
1994-05-10 12:07 pm	☾♋☾	19°Ⅷ48'	19°Ⅷ48'	02.1%	New Moon	Solar Eclipse (Annular)	
1994-05-24 10:40 pm	☾♋☾	03°Ⅶ43'	03°Ⅱ43'	93.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1994-11-03 08:36 am	☾♋☾	10°Ⅲ54'	10°Ⅲ54'	98.0%	New Moon	Solar Eclipse (Total)	Super Moon
1994-11-18 01:59 am	☾♋☾	25°Ⅷ42'	25°Ⅲ42'	00.7%	Full Moon	Lunar Eclipse (Penumbral)	
1995-04-15 07:09 am	☾♋☾	25°Ⅴ04'	25°Ⅳ04'	84.1%	Full Moon	Lunar Eclipse (Umbral)	
1995-04-29 12:37 pm	☾♋☾	08°Ⅷ56'	08°Ⅷ56'	09.5%	New Moon	Solar Eclipse (Annular)	
1995-10-08 10:53 am	☾♋☾	14°Ⅳ54'	14°Ⅴ54'	39.4%	Full Moon	Lunar Eclipse (Penumbral)	
1995-10-23 11:38 pm	☾♋☾	00°Ⅲ18'	00°Ⅲ18'	74.0%	New Moon	Solar Eclipse (Total)	
1996-04-03 07:08 pm	☾♋☾	14°Ⅴ31'	14°Ⅳ31'	45.5%	Full Moon	Lunar Eclipse (Umbral)	
1996-04-17 05:50 pm	☾♋☾	28°Ⅳ12'	28°Ⅳ12'	46.6%	New Moon	Solar Eclipse (Partial)	
1996-09-26 09:52 pm	☾♋☾	04°Ⅳ17'	04°Ⅴ17'	79.7%	Full Moon	Lunar Eclipse (Umbral)	
1996-10-12 09:15 am	☾♋☾	19°Ⅴ32'	19°Ⅴ32'	32.5%	New Moon	Solar Eclipse (Partial)	
1997-03-08 08:16 pm	☾♋☾	18°Ⅵ31'	18°Ⅵ31'	96.4%	New Moon	Solar Eclipse (Total)	Super Moon
1997-03-23 11:46 pm	☾♋☾	03°Ⅴ35'	03°Ⅳ35'	09.0%	Full Moon	Lunar Eclipse (Umbral)	
1997-09-01 06:53 pm	☾♋☾	09°Ⅳ34'	09°Ⅳ34'	00.7%	New Moon	Solar Eclipse (Partial)	
1997-09-16 01:51 pm	☾♋☾	23°Ⅵ56'	23°Ⅳ56'	98.7%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
1998-02-26 12:27 pm	☾♋☾	07°Ⅵ55'	07°Ⅵ55'	92.5%	New Moon	Solar Eclipse (Total)	Super Moon
1998-03-12 11:36 pm	☾♋☾	22°Ⅳ24'	22°Ⅵ24'	03.3%	Full Moon	Lunar Eclipse (Penumbral)	

1998-08-07 09:10 pm	☾♁☉	15°≈21'	15°♁21'	67.0%	Full Moon	Lunar Eclipse (Penumbral)	
1998-08-21 09:04 pm	☾♁☉	28°♁48'	28°♁48'	25.0%	New Moon	Solar Eclipse (Annular)	
1998-09-06 06:23 am	☾♁☉	13°≈40'	13°♁40'	84.9%	Full Moon	Lunar Eclipse (Penumbral)	
1999-01-31 11:08 am	☾♁☉	11°♁20'	11°≈20'	56.2%	Full Moon	Lunar Eclipse (Penumbral)	
1999-02-16 01:40 am	☾♁☉	27°≈08'	27°≈08'	59.1%	New Moon	Solar Eclipse (Annular)	
1999-07-28 06:26 am	☾♁☉	04°≈58'	04°♁58'	25.8%	Full Moon	Lunar Eclipse (Umbral)	
1999-08-11 06:10 am	☾♁☉	18°♁21'	18°♁21'	66.3%	New Moon	Solar Eclipse (Total)	
2000-01-20 11:42 pm	☾♁☉	00°♁26'	00°≈26'	91.4%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2000-02-05 08:04 am	☾♁☉	16°≈02'	16°≈02'	18.0%	New Moon	Solar Eclipse (Partial)	
2000-07-01 02:22 pm	☾♁☉	10°♁14'	10°♁14'	97.9%	New Moon	Solar Eclipse (Partial)	Super Moon
2000-07-16 08:56 am	☾♁☉	24°♁19'	24°♁19'	01.3%	Full Moon	Lunar Eclipse (Umbral)	
2000-07-30 09:26 pm	☾♁☉	08°♁12'	08°♁12'	94.8%	New Moon	Solar Eclipse (Partial)	Super Moon
2000-12-25 12:23 pm	☾♁☉	04°♁14'	04°♁14'	06.9%	New Moon	Solar Eclipse (Partial)	
2001-01-09 03:25 pm	☾♁☉	19°♁39'	19°♁39'	98.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2001-06-21 06:59 am	☾♁☉	00°♁10'	00°♁10'	79.4%	New Moon	Solar Eclipse (Total)	
2001-07-05 10:05 am	☾♁☉	13°♁39'	13°♁39'	13.4%	Full Moon	Lunar Eclipse (Umbral)	
2001-12-14 03:48 pm	☾♁☉	22°♁56'	22°♁56'	42.6%	New Moon	Solar Eclipse (Annular)	
2001-12-30 05:42 am	☾♁☉	08°♁48'	08°♁48'	72.0%	Full Moon	Lunar Eclipse (Penumbral)	
2002-05-26 06:52 am	☾♁☉	05°♁04'	05°♁04'	72.6%	Full Moon	Lunar Eclipse (Penumbral)	
2002-06-10 06:48 pm	☾♁☉	19°♁54'	19°♁54'	39.8%	New Moon	Solar Eclipse (Annular)	
2002-06-24 04:43 pm	☾♁☉	03°♁11'	03°♁11'	52.0%	Full Moon	Lunar Eclipse (Penumbral)	
2002-11-19 08:35 pm	☾♁☉	27°♁33'	27°♁33'	11.4%	Full Moon	Lunar Eclipse (Penumbral)	
2002-12-04 02:36 am	☾♁☉	11°♁58'	11°♁58'	82.5%	New Moon	Solar Eclipse (Total)	
2003-05-15 10:37 pm	☾♁☉	24°♁53'	24°♁53'	97.2%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2003-05-30 11:21 pm	☾♁☉	09°♁20'	09°♁20'	05.8%	New Moon	Solar Eclipse (Annular)	
2003-11-08 08:14 pm	☾♁☉	16°♁13'	16°♁13'	02.1%	Full Moon	Lunar Eclipse (Umbral)	
2003-11-23 06:00 pm	☾♁☉	01°♁14'	01°♁14'	99.2%	New Moon	Solar Eclipse (Total)	Super Moon
2004-04-19 08:22 am	☾♁☉	29°♁49'	29°♁49'	18.2%	New Moon	Solar Eclipse (Partial)	
2004-05-04 03:34 pm	☾♁☉	14°♁42'	14°♁42'	90.0%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2004-10-13 09:49 pm	☾♁☉	21°♁06'	21°♁06'	62.6%	New Moon	Solar Eclipse (Partial)	
2004-10-27 10:08 pm	☾♁☉	05°♁02'	05°♁02'	29.8%	Full Moon	Lunar Eclipse (Umbral)	
2005-04-08 03:33 pm	☾♁☉	19°♁06'	19°♁06'	58.9%	New Moon	Solar Eclipse (Total)	
2005-04-24 05:08 am	☾♁☉	04°♁20'	04°♁20'	55.2%	Full Moon	Lunar Eclipse (Penumbral)	
2005-10-03 05:29 am	☾♁☉	10°♁19'	10°♁19'	21.3%	New Moon	Solar Eclipse (Annular)	
2005-10-17 07:15 am	☾♁☉	24°♁13'	24°♁13'	71.5%	Full Moon	Lunar Eclipse (Umbral)	
2006-03-14 06:36 pm	☾♁☉	24°♁15'	24°♁15'	03.2%	Full Moon	Lunar Eclipse (Penumbral)	
2006-03-29 05:17 am	☾♁☉	08°♁35'	08°♁35'	92.2%	New Moon	Solar Eclipse (Total)	Super Moon
2006-09-07 01:44 pm	☾♁☉	15°♁00'	15°♁00'	98.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2006-09-22 06:46 am	☾♁☉	29°♁20'	29°♁20'	00.2%	New Moon	Solar Eclipse (Annular)	
2007-03-03 06:18 pm	☾♁☉	13°♁00'	13°♁00'	09.1%	Full Moon	Lunar Eclipse (Umbral)	
2007-03-18 09:43 pm	☾♁☉	28°♁07'	28°♁07'	96.4%	New Moon	Solar Eclipse (Partial)	Super Moon
2007-08-28 05:36 am	☾♁☉	04°♁46'	04°♁46'	75.6%	Full Moon	Lunar Eclipse (Umbral)	
2007-09-11 07:46 am	☾♁☉	18°♁25'	18°♁25'	17.0%	New Moon	Solar Eclipse (Partial)	
2008-02-06 10:45 pm	☾♁☉	17°≈44'	17°≈44'	46.5%	New Moon	Solar Eclipse (Annular)	
2008-02-20 10:31 pm	☾♁☉	01°♁53'	01°♁53'	45.8%	Full Moon	Lunar Eclipse (Umbral)	
2008-08-01 05:13 am	☾♁☉	09°♁32'	09°♁32'	76.8%	New Moon	Solar Eclipse (Total)	
2008-08-16 04:18 pm	☾♁☉	24°≈21'	24°♁21'	34.8%	Full Moon	Lunar Eclipse (Umbral)	
2009-01-26 02:57 am	☾♁☉	06°≈30'	06°≈30'	09.2%	New Moon	Solar Eclipse (Annular)	
2009-02-09 09:50 am	☾♁☉	21°♁00'	21°≈00'	84.9%	Full Moon	Lunar Eclipse (Penumbral)	
2009-07-07 04:22 am	☾♁☉	15°♁24'	15°♁24'	00.8%	Full Moon	Lunar Eclipse (Penumbral)	
2009-07-21 09:36 pm	☾♁☉	29°♁27'	29°♁27'	97.6%	New Moon	Solar Eclipse (Total)	Super Moon
2009-08-05 07:55 pm	☾♁☉	13°≈43'	13°♁43'	03.9%	Full Moon	Lunar Eclipse (Penumbral)	
2009-12-31 02:14 pm	☾♁☉	10°♁15'	10°♁15'	93.5%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2010-01-15 02:12 am	☾♁☉	25°♁01'	25°♁01'	02.5%	New Moon	Solar Eclipse (Annular)	
2010-06-26 06:32 am	☾♁☉	04°♁46'	04°♁46'	22.9%	Full Moon	Lunar Eclipse (Umbral)	
2010-07-11 02:41 pm	☾♁☉	19°♁24'	19°♁24'	86.1%	New Moon	Solar Eclipse (Total)	
2010-12-21 03:14 am	☾♁☉	29°♁21'	29°♁21'	60.2%	Full Moon	Lunar Eclipse (Umbral)	
2011-01-04 04:04 am	☾♁☉	13°♁39'	13°♁39'	32.4%	New Moon	Solar Eclipse (Partial)	
2011-06-01 04:04 pm	☾♁☉	11°♁02'	11°♁02'	28.1%	New Moon	Solar Eclipse (Partial)	
2011-06-15 03:14 pm	☾♁☉	24°♁23'	24°♁23'	63.8%	Full Moon	Lunar Eclipse (Umbral)	
2011-07-01 03:56 am	☾♁☉	09°♁12'	09°♁12'	49.2%	New Moon	Solar Eclipse (Partial)	
2011-11-25 01:10 am	☾♁☉	02°♁37'	02°♁37'	90.6%	New Moon	Solar Eclipse (Partial)	Super Moon
2011-12-10 09:38 am	☾♁☉	18°♁11'	18°♁11'	19.0%	Full Moon	Lunar Eclipse (Umbral)	
2012-05-20 06:48 pm	☾♁☉	00°♁21'	00°♁21'	01.4%	New Moon	Solar Eclipse (Annular)	
2012-06-04 06:13 am	☾♁☉	14°♁14'	14°♁14'	94.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2012-11-13 05:09 pm	☾♁☉	21°♁57'	21°♁57'	97.6%	New Moon	Solar Eclipse (Total)	Super Moon

2012-11-28 09:47 am	☾ ☽ ☉	06°Ⅱ47'	06°↗47'	00.7%	Full Moon	Lunar Eclipse (Penumbral)	
2013-04-25 02:59 pm	☾ ☽ ☉	05°Ⅲ46'	05°↘46'	82.2%	Full Moon	Lunar Eclipse (Umbral)	
2013-05-09 07:29 pm	☾ ☽ ☉	19°↘31'	19°↘31'	11.1%	New Moon	Solar Eclipse (Annular)	
2013-05-24 11:26 pm	☾ ☽ ☉	04°↗08'	04°Ⅱ08'	94.4%	Full Moon	Lunar Eclipse (Penumbral)	Super Moon
2013-10-18 06:39 pm	☾ ☽ ☉	25°Ⅰ45'	25°↗45'	41.8%	Full Moon	Lunar Eclipse (Penumbral)	
2013-11-03 07:50 am	☾ ☽ ☉	11°Ⅲ16'	11°Ⅲ16'	72.1%	New Moon	Solar Eclipse (Total)	
2014-04-15 02:43 am	☾ ☽ ☉	25°↗16'	25°Ⅰ16'	42.9%	Full Moon	Lunar Eclipse (Umbral)	
2014-04-29 01:15 am	☾ ☽ ☉	08°↘52'	08°↘52'	49.1%	New Moon	Solar Eclipse (Annular)	
2014-10-08 05:51 am	☾ ☽ ☉	15°Ⅰ05'	15°↗05'	81.6%	Full Moon	Lunar Eclipse (Umbral)	
2014-10-23 04:58 pm	☾ ☽ ☉	00°Ⅲ25'	00°Ⅲ25'	30.3%	New Moon	Solar Eclipse (Partial)	
2015-03-20 04:37 am	☾ ☽ ☉	29°↗27'	29°↗27'	97.0%	New Moon	Solar Eclipse (Total)	Super Moon
2015-04-04 07:07 am	☾ ☽ ☉	14°↗24'	14°Ⅰ24'	07.6%	Full Moon	Lunar Eclipse (Umbral)	
2015-09-13 01:42 am	☾ ☽ ☉	20°Ⅰ10'	20°Ⅰ10'	01.2%	New Moon	Solar Eclipse (Partial)	
2015-09-27 09:52 pm	☾ ☽ ☉	04°Ⅰ40'	04°↗40'	99.0%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2016-03-08 08:56 pm	☾ ☽ ☉	18°↗56'	18°↗56'	91.3%	New Moon	Solar Eclipse (Total)	Super Moon
2016-03-23 07:02 am	☾ ☽ ☉	03°↗17'	03°Ⅰ17'	04.1%	Full Moon	Lunar Eclipse (Penumbral)	
2016-08-18 04:28 am	☾ ☽ ☉	25°↗52'	25°↘52'	64.7%	Full Moon	Lunar Eclipse (Penumbral)	
2016-09-01 04:04 am	☾ ☽ ☉	09°Ⅰ21'	09°Ⅰ21'	27.4%	New Moon	Solar Eclipse (Annular)	
2016-09-16 02:06 pm	☾ ☽ ☉	24°↗20'	24°Ⅰ20'	83.3%	Full Moon	Lunar Eclipse (Penumbral)	
2017-02-10 07:35 pm	☾ ☽ ☉	22°↘28'	22°↗28'	58.4%	Full Moon	Lunar Eclipse (Penumbral)	
2017-02-26 09:59 am	☾ ☽ ☉	08°↗12'	08°↗12'	56.8%	New Moon	Solar Eclipse (Annular)	
2017-08-07 01:12 pm	☾ ☽ ☉	15°↗25'	15°↘25'	23.6%	Full Moon	Lunar Eclipse (Umbral)	
2017-08-21 01:31 pm	☾ ☽ ☉	28°↘53'	28°↘53'	68.7%	New Moon	Solar Eclipse (Total)	
2018-01-31 08:27 am	☾ ☽ ☉	11°↘37'	11°↗37'	92.5%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2018-02-15 04:07 pm	☾ ☽ ☉	27°↗08'	27°↗08'	16.2%	New Moon	Solar Eclipse (Partial)	
2018-07-12 09:49 pm	☾ ☽ ☉	20°↘41'	20°↘41'	97.7%	New Moon	Solar Eclipse (Partial)	Super Moon
2018-07-27 03:22 pm	☾ ☽ ☉	04°↗45'	04°↘45'	00.9%	Full Moon	Lunar Eclipse (Umbral)	
2018-08-11 04:59 am	☾ ☽ ☉	18°↘42'	18°↘42'	95.7%	New Moon	Solar Eclipse (Partial)	Super Moon
2019-01-05 08:29 pm	☾ ☽ ☉	15°↗25'	15°↗25'	08.1%	New Moon	Solar Eclipse (Partial)	
2019-01-21 00:18 am	☾ ☽ ☉	00°↘52'	00°↗52'	97.4%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2019-07-02 02:18 pm	☾ ☽ ☉	10°↘38'	10°↘38'	77.3%	New Moon	Solar Eclipse (Total)	
2019-07-16 04:39 pm	☾ ☽ ☉	24°↗04'	24°↘04'	15.3%	Full Moon	Lunar Eclipse (Umbral)	
2019-12-26 00:14 am	☾ ☽ ☉	04°↗07'	04°↗07'	44.8%	New Moon	Solar Eclipse (Annular)	
2020-01-10 02:22 pm	☾ ☽ ☉	20°↘00'	20°↗00'	70.0%	Full Moon	Lunar Eclipse (Penumbral)	
2020-06-05 02:14 pm	☾ ☽ ☉	15°↗34'	15°Ⅱ34'	74.7%	Full Moon	Lunar Eclipse (Penumbral)	
2020-06-21 01:42 am	☾ ☽ ☉	00°↘21'	00°↘21'	37.1%	New Moon	Solar Eclipse (Annular)	
2020-07-04 11:45 pm	☾ ☽ ☉	13°↗38'	13°↘38'	54.6%	Full Moon	Lunar Eclipse (Penumbral)	
2020-11-30 04:31 am	☾ ☽ ☉	08°Ⅱ38'	08°↗38'	10.0%	Full Moon	Lunar Eclipse (Penumbral)	
2020-12-14 11:17 am	☾ ☽ ☉	23°↗08'	23°↗08'	84.2%	New Moon	Solar Eclipse (Total)	
2021-05-26 06:15 am	☾ ☽ ☉	05°↗26'	05°Ⅱ26'	97.7%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2021-06-10 05:54 am	☾ ☽ ☉	19°Ⅱ47'	19°Ⅱ47'	04.6%	New Moon	Solar Eclipse (Annular)	
2021-11-19 03:58 am	☾ ☽ ☉	27°↘14'	27°Ⅲ14'	02.8%	Full Moon	Lunar Eclipse (Umbral)	
2021-12-04 02:45 am	☾ ☽ ☉	12°↗22'	12°↗22'	99.2%	New Moon	Solar Eclipse (Total)	Super Moon
2022-04-30 03:28 pm	☾ ☽ ☉	10°↘28'	10°↘28'	20.2%	New Moon	Solar Eclipse (Partial)	
2022-05-15 11:16 pm	☾ ☽ ☉	25°Ⅲ18'	25°↘18'	88.5%	Full Moon	Lunar Eclipse (Umbral)	
2022-10-25 05:50 am	☾ ☽ ☉	02°Ⅲ00'	02°Ⅲ00'	60.4%	New Moon	Solar Eclipse (Partial)	
2022-11-08 06:03 am	☾ ☽ ☉	16°↘01'	16°Ⅲ01'	32.0%	Full Moon	Lunar Eclipse (Umbral)	
2023-04-19 11:14 pm	☾ ☽ ☉	29°Ⅰ50'	29°Ⅰ50'	61.2%	New Moon	Solar Eclipse (Total)	
2023-05-05 12:35 pm	☾ ☽ ☉	14°Ⅲ58'	14°↘58'	52.6%	Full Moon	Lunar Eclipse (Penumbral)	
2023-10-14 12:56 pm	☾ ☽ ☉	21°↗08'	21°↗08'	19.3%	New Moon	Solar Eclipse (Annular)	
2023-10-28 03:25 pm	☾ ☽ ☉	05°↘09'	05°Ⅲ09'	73.6%	Full Moon	Lunar Eclipse (Umbral)	
2024-03-25 02:02 am	☾ ☽ ☉	05°↗07'	05°Ⅰ07'	02.5%	Full Moon	Lunar Eclipse (Penumbral)	
2024-04-08 01:22 pm	☾ ☽ ☉	19°Ⅰ24'	19°Ⅰ24'	93.2%	New Moon	Solar Eclipse (Total)	Super Moon
2024-09-17 09:35 pm	☾ ☽ ☉	25°↗41'	25°Ⅰ41'	97.7%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2024-10-02 01:50 pm	☾ ☽ ☉	10°↗04'	10°↗04'	00.2%	New Moon	Solar Eclipse (Annular)	
2025-03-14 01:55 am	☾ ☽ ☉	23°Ⅰ57'	23°↗57'	10.4%	Full Moon	Lunar Eclipse (Umbral)	
2025-03-29 06:00 am	☾ ☽ ☉	09°Ⅰ00'	09°Ⅰ00'	95.5%	New Moon	Solar Eclipse (Partial)	Super Moon
2025-09-07 01:10 pm	☾ ☽ ☉	15°↗23'	15°Ⅰ23'	73.5%	Full Moon	Lunar Eclipse (Umbral)	
2025-09-21 02:55 pm	☾ ☽ ☉	29°Ⅰ05'	29°Ⅰ05'	19.0%	New Moon	Solar Eclipse (Partial)	
2026-02-17 07:02 am	☾ ☽ ☉	28°↗50'	28°↗50'	44.2%	New Moon	Solar Eclipse (Annular)	
2026-03-03 06:39 am	☾ ☽ ☉	12°Ⅰ54'	12°↗54'	48.1%	Full Moon	Lunar Eclipse (Umbral)	
2026-08-12 12:38 pm	☾ ☽ ☉	20°↘02'	20°↘02'	79.0%	New Moon	Solar Eclipse (Total)	
2026-08-27 11:19 pm	☾ ☽ ☉	04°↗54'	04°Ⅰ54'	32.4%	Full Moon	Lunar Eclipse (Umbral)	
2027-02-06 10:57 am	☾ ☽ ☉	17°↗38'	17°↗38'	07.9%	New Moon	Solar Eclipse (Annular)	
2027-02-20 06:24 pm	☾ ☽ ☉	02°Ⅰ06'	02°↗06'	86.3%	Full Moon	Lunar Eclipse (Penumbral)	
2027-08-02 05:06 am	☾ ☽ ☉	09°↘55'	09°↘55'	97.9%	New Moon	Solar Eclipse (Total)	Super Moon

2027-08-17 02:30 am	☾ ☽ ☉	24° ≈ 12'	24° ♁ 12'	03.0%	Full Moon	Lunar Eclipse (Penumbral)	
2028-01-11 11:04 pm	☾ ☽ ☉	21° ☾ 28'	21° ♁ 28'	92.4%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2028-01-26 10:13 am	☾ ☽ ☉	06° ≈ 11'	06° ≈ 11'	03.3%	New Moon	Solar Eclipse (Annular)	
2028-07-06 01:11 pm	☾ ☽ ☉	15° ♁ 11'	15° ☾ 11'	25.2%	Full Moon	Lunar Eclipse (Umbral)	
2028-07-21 10:03 pm	☾ ☽ ☉	29° ☾ 51'	29° ☾ 51'	84.4%	New Moon	Solar Eclipse (Total)	
2028-12-31 11:50 am	☾ ☽ ☉	10° ☾ 33'	10° ♁ 33'	58.0%	Full Moon	Lunar Eclipse (Umbral)	
2029-01-14 12:25 pm	☾ ☽ ☉	24° ♁ 50'	24° ♁ 50'	34.5%	New Moon	Solar Eclipse (Partial)	
2029-06-11 10:52 pm	☾ ☽ ☉	21° ♀ 29'	21° ♀ 29'	25.7%	New Moon	Solar Eclipse (Partial)	
2029-06-25 10:24 pm	☾ ☽ ☉	04° ♁ 50'	04° ☾ 50'	66.3%	Full Moon	Lunar Eclipse (Umbral)	
2029-07-11 10:52 am	☾ ☽ ☉	19° ☾ 38'	19° ☾ 38'	46.6%	New Moon	Solar Eclipse (Partial)	
2029-12-05 09:53 am	☾ ☽ ☉	13° ♁ 45'	13° ♁ 45'	91.9%	New Moon	Solar Eclipse (Partial)	Super Moon
2029-12-20 05:47 pm	☾ ☽ ☉	29° ♀ 21'	29° ♁ 21'	17.3%	Full Moon	Lunar Eclipse (Umbral)	
2030-06-01 01:22 am	☾ ☽ ☉	10° ♀ 50'	10° ♀ 50'	00.8%	New Moon	Solar Eclipse (Annular)	
2030-06-15 01:41 pm	☾ ☽ ☉	24° ♁ 43'	24° ♀ 43'	95.0%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2030-11-25 01:47 am	☾ ☽ ☉	03° ♁ 02'	03° ♁ 02'	97.1%	New Moon	Solar Eclipse (Total)	Super Moon
2030-12-09 05:42 pm	☾ ☽ ☉	17° ♀ 54'	17° ♁ 54'	00.8%	Full Moon	Lunar Eclipse (Penumbral)	
2031-05-06 10:41 pm	☾ ☽ ☉	16° ♀ 25'	16° ☽ 25'	80.3%	Full Moon	Lunar Eclipse (Penumbral)	
2031-05-21 02:18 am	☾ ☽ ☉	00° ♀ 04'	00° ♀ 04'	12.8%	New Moon	Solar Eclipse (Annular)	
2031-06-05 07:00 am	☾ ☽ ☉	14° ♁ 39'	14° ♀ 39'	93.3%	Full Moon	Lunar Eclipse (Penumbral)	Super Moon
2031-10-30 02:33 am	☾ ☽ ☉	06° ☽ 41'	06° ♀ 41'	44.2%	Full Moon	Lunar Eclipse (Penumbral)	
2031-11-14 04:11 pm	☾ ☽ ☉	22° ♀ 18'	22° ♀ 18'	70.1%	New Moon	Solar Eclipse (Total)	
2032-04-25 10:11 am	☾ ☽ ☉	05° ♀ 58'	05° ☽ 58'	40.4%	Full Moon	Lunar Eclipse (Umbral)	
2032-05-09 08:37 am	☾ ☽ ☉	19° ☽ 29'	19° ☽ 29'	51.5%	New Moon	Solar Eclipse (Annular)	
2032-10-18 02:00 pm	☾ ☽ ☉	25° ♀ 57'	25° ♁ 57'	83.5%	Full Moon	Lunar Eclipse (Umbral)	
2032-11-03 00:46 am	☾ ☽ ☉	11° ♀ 22'	11° ♀ 22'	28.1%	New Moon	Solar Eclipse (Partial)	
2033-03-30 12:53 pm	☾ ☽ ☉	10° ♀ 21'	10° ♀ 21'	97.4%	New Moon	Solar Eclipse (Total)	Super Moon
2033-04-14 02:18 pm	☾ ☽ ☉	25° ♁ 09'	25° ♀ 09'	06.3%	Full Moon	Lunar Eclipse (Umbral)	
2033-09-23 08:41 am	☾ ☽ ☉	00° ♁ 51'	00° ♁ 51'	01.8%	New Moon	Solar Eclipse (Partial)	
2033-10-08 05:59 am	☾ ☽ ☉	15° ♀ 29'	15° ♁ 29'	99.1%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2034-03-20 05:15 am	☾ ☽ ☉	29° ♁ 52'	29° ♁ 52'	89.9%	New Moon	Solar Eclipse (Total)	
2034-04-03 02:20 pm	☾ ☽ ☉	14° ♁ 06'	14° ♀ 06'	05.1%	Full Moon	Lunar Eclipse (Penumbral)	
2034-09-12 11:14 am	☾ ☽ ☉	19° ♀ 59'	19° ♀ 59'	29.7%	New Moon	Solar Eclipse (Annular)	
2034-09-27 09:58 pm	☾ ☽ ☉	05° ♀ 04'	05° ♁ 04'	81.6%	Full Moon	Lunar Eclipse (Umbral)	
2035-02-22 03:55 am	☾ ☽ ☉	03° ♀ 33'	03° ♁ 33'	60.5%	Full Moon	Lunar Eclipse (Penumbral)	
2035-03-09 06:11 pm	☾ ☽ ☉	19° ♁ 12'	19° ♁ 12'	54.4%	New Moon	Solar Eclipse (Annular)	
2035-08-18 08:01 pm	☾ ☽ ☉	25° ≈ 55'	25° ♁ 55'	21.4%	Full Moon	Lunar Eclipse (Umbral)	
2035-09-01 09:01 pm	☾ ☽ ☉	09° ♀ 28'	09° ♀ 28'	71.1%	New Moon	Solar Eclipse (Total)	
2036-02-11 05:10 pm	☾ ☽ ☉	22° ♁ 45'	22° ≈ 45'	93.5%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2036-02-27 00:00 am	☾ ☽ ☉	08° ♁ 10'	08° ♁ 10'	14.5%	New Moon	Solar Eclipse (Partial)	
2036-07-23 05:18 am	☾ ☽ ☉	01° ♁ 09'	01° ♁ 09'	97.4%	New Moon	Solar Eclipse (Partial)	Super Moon
2036-08-06 09:50 pm	☾ ☽ ☉	15° ≈ 12'	15° ♁ 12'	00.7%	Full Moon	Lunar Eclipse (Umbral)	
2036-08-21 12:36 pm	☾ ☽ ☉	29° ♁ 14'	29° ♁ 14'	96.5%	New Moon	Solar Eclipse (Partial)	Super Moon
2037-01-16 04:36 am	☾ ☽ ☉	26° ♁ 36'	26° ♁ 36'	09.4%	New Moon	Solar Eclipse (Partial)	
2037-01-31 09:05 am	☾ ☽ ☉	12° ♁ 02'	12° ≈ 02'	96.7%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2037-07-12 09:33 pm	☾ ☽ ☉	21° ☾ 04'	21° ☾ 04'	75.2%	New Moon	Solar Eclipse (Total)	
2037-07-26 11:16 pm	☾ ☽ ☉	04° ≈ 30'	04° ♁ 30'	17.3%	Full Moon	Lunar Eclipse (Umbral)	
2038-01-05 08:42 am	☾ ☽ ☉	15° ♁ 18'	15° ♁ 18'	47.0%	New Moon	Solar Eclipse (Annular)	
2038-01-20 11:01 pm	☾ ☽ ☉	01° ♁ 12'	01° ≈ 12'	68.0%	Full Moon	Lunar Eclipse (Penumbral)	
2038-06-16 09:31 pm	☾ ☽ ☉	26° ♁ 02'	26° ♀ 02'	76.9%	Full Moon	Lunar Eclipse (Penumbral)	
2038-07-02 08:33 am	☾ ☽ ☉	10° ☾ 47'	10° ☾ 47'	34.6%	New Moon	Solar Eclipse (Annular)	
2038-07-16 06:49 am	☾ ☽ ☉	24° ♁ 04'	24° ☾ 04'	57.2%	Full Moon	Lunar Eclipse (Penumbral)	
2038-12-11 12:31 pm	☾ ☽ ☉	19° ♀ 46'	19° ♁ 46'	08.7%	Full Moon	Lunar Eclipse (Penumbral)	
2038-12-25 08:03 pm	☾ ☽ ☉	04° ♁ 20'	04° ♁ 20'	85.7%	New Moon	Solar Eclipse (Total)	
2039-06-06 01:49 pm	☾ ☽ ☉	15° ♁ 56'	15° ♀ 56'	98.0%	Full Moon	Lunar Eclipse (Umbral)	Super Moon
2039-06-21 12:22 pm	☾ ☽ ☉	00° ☾ 13'	00° ☾ 13'	03.5%	New Moon	Solar Eclipse (Annular)	
2039-11-30 11:50 am	☾ ☽ ☉	08° ♀ 20'	08° ♁ 20'	03.5%	Full Moon	Lunar Eclipse (Umbral)	
2039-12-15 11:33 am	☾ ☽ ☉	23° ♁ 33'	23° ♁ 33'	99.1%	New Moon	Solar Eclipse (Total)	Super Moon

Eclipses from 1940 to 2040. Note: Times are in Eastern Standard Time even when Daylight Savings was observed.