

Spring Phenomena, 25 BCE to 38 CE

The first table below gives the Julian calendar dates and Greenwich times of the astronomical vernal equinox for the years 25 BCE to 38 CE inclusive. The second table gives, for these years, the Julian calendar dates and Greenwich times of the astronomical Full Moons which occurred on or after the date of the equinox, and the dates and times of the astronomical New Moons on or preceding, and after, the date of the equinox. The days of the week are given for the equinoxes and the Full Moons, from which the days of the week may readily be found for the New Moons.

The times given in the tables are accurate to within two or three hours for 25 to 5 BCE, and one or two hours for 4 BCE to 38 CE.

VERNAL EQUINOX

Julian			Greenwich			Julian			Greenwich		
Cal.	Date	Day of Week	Time	Cal.	Date	Day of Week	Time	Cal.	Date	Day of Week	
BCE	March			CE	March						
25	22	Saturday	8 p.m.	7	23	Wednesday	8 a.m.				
24	23	Monday	2 a.m.	8	22	Thursday	2 p.m.				
23	23	Tuesday	8 a.m.	9	22	Friday	8 p.m.				
22	23	Wednesday	1 p.m.	10	23	Sunday	1 a.m.				
21	22	Thursday	7 p.m.	11	23	Monday	7 a.m.				
20	23	Saturday	1 a.m.	12	22	Tuesday	1 p.m.				
19	23	Sunday	7 a.m.	13	22	Wednesday	7 p.m.				
18	23	Monday	1 p.m.	14	23	Friday	1 a.m.				
17	22	Tuesday	6 p.m.	15	23	Saturday	7 a.m.				
16	23	Thursday	0*	16	22	Sunday	Noon				
15	23	Friday	6 a.m.	17	22	Monday	6 p.m.				
14	23	Saturday	Noon	18	23	Wednesday	0*				
13	22	Sunday	6 p.m.	19	23	Thursday	6 a.m.				
12	22	Monday	11 p.m.	20	22	Friday	Noon				
11	23	Wednesday	5 a.m.	21	22	Saturday	6 p.m.				
10	23	Thursday	11 a.m.	22	22	Sunday	11 p.m.				
9	22	Friday	5 p.m.	23	23	Tuesday	5 a.m.				
8	22	Saturday	11 p.m.	24	22	Wednesday	11 a.m.				
7	23	Monday	5 a.m.	25	22	Thursday	5 p.m.				
6	23	Tuesday	10 a.m.	26	22	Friday	10 p.m.				
5	22	Wednesday	4 p.m.	27	23	Sunday	4 a.m.				
4	22	Thursday	10 p.m.	28	22	Monday	10 a.m.				
3	23	Saturday	4 a.m.	29	22	Tuesday	4 p.m.				
2	23	Sunday	10 a.m.	30	22	Wednesday	10 p.m.				
1	22	Monday	3 p.m.	31	23	Friday	3 a.m.				
CE				32	22	Saturday	9 a.m.				
1	22	Tuesday	9 p.m.	33	22	Sunday	3 p.m.				
2	23	Thursday	3 a.m.	34	22	Monday	9 p.m.				
3	23	Friday	9 a.m.	35	23	Wednesday	3 a.m.				
4	22	Saturday	3 p.m.	36	22	Thursday	9 a.m.				
5	22	Sunday	8 p.m.	37	22	Friday	2 p.m.				
6	23	Tuesday	2 a.m.	38	22	Saturday	8 p.m.				

* Midnight at the beginning of March 23.

BCE = Before Christian Era

CE = Christian Era

FULL MOON

NEW MOON

On or next after date of equinox				On or preceding date of equinox		Following equinox	
Julian Cal. Date	Greenwich Time	Week Day		Julian Cal. Date	Greenwich Time	Julian Cal. Date	Greenwich Time
BCE							
25 April 3	4 a.m.	Thu.		March 19	Noon	April 18	4 a.m.
24 March 23	9 p.m.	Mon.		March 8	2 p.m.	April 7	5 a.m.
23 April 11	9 p.m.	Sun.		Feb. 25	8 p.m.	March 27	9 a.m.
22 April 1	6 a.m.	Fri.		March 16	7 p.m.	April 15	6 a.m.
21 April 19	1 a.m.	Thu.		March 5	11 a.m.	April 3	7 p.m.
20 April 8	3 a.m.	Mon.		Feb. 23	4 a.m.	March 24	1 p.m.
19 March 28	5 a.m.	Fri.		March 14	4 a.m.	April 12	1 p.m.
18 April 16	0*	Thu.		March 3	Noon	April 2	2 a.m.
17 April 4	Noon	Mon.		March 21	8 a.m.	April 19	9 p.m.
16 March 25	4 a.m.	Sat.		March 10	8 a.m.	April 9	0*
15 April 13	5 a.m.	Fri.		Feb. 27	10 a.m.	March 29	1 a.m.
14 April 2	7 p.m.	Tue.		March 18	6 a.m.	April 16	7 p.m.
13 April 20	5 p.m.	Mon.		March 6	6 p.m.	April 5	4 a.m.
12 April 9	9 p.m.	Fri.		Feb. 24	11 a.m.	March 25	7 p.m.
11 March 29	10 p.m.	Tue.		March 15	Noon	April 13	8 p.m.
10 April 17	4 p.m.	Mon.		March 5	2 a.m.	April 3	Noon
9 April 5	10 p.m.	Fri.		March 22	11 p.m.	April 21	11 a.m.
8 March 26	11 a.m.	Wed.		March 12	3 a.m.	April 10	6 p.m.
7 April 14	Noon	Tue.		March 1	3 a.m.	March 30	7 p.m.
6 April 4	5 a.m.	Sun.		March 19	9 p.m.	April 18	Noon
5 March 23	6 p.m.	Thu.		March 8	5 a.m.	April 6	5 p.m.
4 April 11	3 p.m.	Wed.		Feb. 25	6 p.m.	March 27	4 a.m.
3 March 31	6 p.m.	Sun.		March 16	7 p.m.	April 15	4 a.m.
2 April 19	10 a.m.	Sat.		March 6	Noon	April 4	9 p.m.
1 April 7	Noon	Wed.		Feb. 24	0*	March 24	Noon
CE							
1 March 27	9 p.m.	Sun.		March 13	8 p.m.	April 12	9 a.m.
2 April 15	7 p.m.	Sat.		March 2	10 p.m.	April 1	2 p.m.
3 April 5	Noon	Thu.		March 21	3 p.m.	April 20	7 a.m.
4 March 25	5 a.m.	Tue.		March 9	6 p.m.	April 8	9 a.m.
5 April 13	3 a.m.	Mon.		Feb. 27	3 a.m.	March 28	2 p.m.
6 April 2	11 a.m.	Fri.		March 18	3 a.m.	April 16	Noon
7 April 21	5 a.m.	Thu.	(1)	March 7	8 p.m.	April 6	4 a.m.
8 April 9	6 a.m.	Mon.		Feb. 25	Noon	March 25	9 p.m.
9 March 29	9 a.m.	Fri.		March 15	10 a.m.	April 13	9 p.m.
10 April 17	6 a.m.	Thu.		March 4	4 p.m.	April 3	6 a.m.
11 April 6	7 p.m.	Mon.		March 23	10 a.m.	April 22	1 a.m.
12 March 26	Noon	Sat.		March 11	11 a.m.	April 10	3 a.m.
13 April 14	Noon	Fri.		Feb. 28	3 p.m.	March 30	5 a.m.
14 April 4	2 a.m.	Wed.		March 19	Noon	April 18	0*
15 March 24	7 a.m.	Sun.		March 9	2 a.m.	April 7	11 a.m.
16 April 11	0*	Sat.		Feb. 26	8 p.m.	March 27	4 a.m.
17 March 31	1 a.m.	Wed.		March 16	8 p.m.	April 15	4 a.m.
18 April 18	7 p.m.	Mon.		March 6	7 a.m.	April 4	7 p.m.
19 April 8	4 a.m.	Sat.		Feb. 23	Noon	March 25	3 a.m.
20 March 27	7 p.m.	Wed.		March 13	5 a.m.	April 11	9 p.m.
21 April 15	8 p.m.	Tue.		March 2	6 a.m.	March 31	10 p.m.
22 April 5	Noon	Sun.		March 21	1 a.m.	April 19	3 p.m.
23 March 25	11 p.m.	Thu.		March 10	11 a.m.	April 8	10 p.m.
24 April 12	6 p.m.	Wed.		Feb. 28	2 a.m.	March 28	11 a.m.

25 April 1	7 p.m.	Sun.	March 18	4 a.m.	April 16	Noon
26 April 20	Noon	Sat. (2)	March 7	7 p.m.	April 6	5 a.m.
27 April 9	4 p.m.	Wed.	Feb. 25	4 a.m.	March 26	5 p.m.
28 March 29	3 a.m.	Mon.	March 15	0*	April 13	2 p.m.
29 April 17	3 a.m.	Sun.	March 4	0*	April 2	5 p.m.
30 April 6	8 p.m.	Thu.	March 22	6 p.m.	April 21	9 a.m.
31 March 27	11 a.m.	Tue.	March 11	11 p.m.	April 10	Noon
32 April 14	9 a.m.	Mon.	Feb. 29	10 a.m.	March 29	8 p.m.
33 April 3	3 p.m.	Fri.	March 19	10 a.m.	April 17	7 p.m.
34 March 23	3 p.m.	Tue.	March 9	4 a.m.	April 7	Noon
35 April 11	8 a.m.	Mon.	Feb. 26	6 p.m.	March 28	4 a.m.
36 March 30	2 p.m.	Fri.	March 16	3 p.m.	April 15	3 a.m.
37 April 18	Noon	Thu.	March 5	7 p.m.	April 4	10 a.m.
38 April 8	3 a.m.	Tue.	Feb. 22	7 p.m.	March 24	Noon

(1) Preceding Full Moon, March 22, 1 p.m.

(2) Preceding Full Moon, March 21, 9 p.m.

* Midnight at the beginning of the given date.