

# Astronomy Calendar

## WINTER/SPRING 2020

DAY	TIME	EVENTS
<b>JUNE 2020</b>		
3	16:36	Moon at perigee (364,366 km)
4	6:44	Venus at inferior conjunction
5	6:00	Mercury greatest elongation (E 23.6°)
6	8:12	● FULL MOON (penumbral eclipse of the Moon)
9	8:27	Moon close to Jupiter (1.7°)
13	19:24	☾ LAST QUARTER
15	13:56	Moon at apogee (404,595 km)
21	10:44	☀ WINTER SOLSTICE (Southern Hemisphere)
21	19:41	☾ NEW MOON
23	17:00	Mercury at aphelion (0.46670 AU)
28	21:16	☾ FIRST QUARTER
30	15:09	Moon at perigee (368,958 km)
<b>JULY 2020</b>		
1	15:53	Mercury at inferior conjunction
5	1:00	Earth furthest from the Sun (1.01669 AU)
5	17:44	● FULL MOON
9	6:00	Venus maximum brightness (magn. -4.52)
11	3:00	Venus at aphelion (0.72823 AU)
13	8:27	Moon at apogee (404,199 km)
13	12:29	☾ LAST QUARTER
14	20:59	Jupiter at opposition
21	6:33	☾ NEW MOON
21	11:28	Saturn at opposition
23	12:00	Mercury greatest elongation (W 20.0°)
25	17:54	Moon at perigee (368,361 km)
28	1:32	☾ FIRST QUARTER
30		Meteor shower: S. Delta Aquarids
<b>AUGUST 2020</b>		
3	22:00	Mars at perihelion (1.38138 AU)
4	4:59	● FULL MOON
6	17:00	Mercury at perihelion (0.30750 AU)
10	2:51	Moon at apogee (404,659 km)
12	5:45	☾ LAST QUARTER
14	0:00	Venus greatest elongation (W 45.7°)
18	4:07	Mercury at superior conjunction
19	15:41	☾ NEW MOON
21	23:59	Moon at perigee (363,513 km)
26	6:57	☾ FIRST QUARTER
29	2:00	Asteroid Ceres at opposition

DAY	TIME	EVENTS
<b>SEPTEMBER 2020</b>		
2	18:22	● FULL MOON
6	19:31	Moon at apogee (405,607 km)
10	22:26	☾ LAST QUARTER
12	9:26	Neptune at opposition
18	0:00	☾ NEW MOON
19	2:44	Moon at perigee (359,082 km)
19	16:00	Mercury at aphelion (0.46670 AU)
23	2:30	☀ SPRING EQUINOX (Southern Hemisphere)
24	14:55	☾ FIRST QUARTER
25	19:40	Moon close to Jupiter (1.4°)
<b>OCTOBER 2020</b>		
2	0:00	Mercury greatest elongation (E 25.7°)
2	10:05	● FULL MOON
4	6:22	Moon at apogee (406,322 km)
10	13:40	☾ LAST QUARTER
14	12:26	Mars at opposition
17	8:31	☾ NEW MOON
17	12:46	Moon at perigee (356,912 km)
21		Meteor shower: Orionids
24	2:23	☾ FIRST QUARTER
26	7:24	Mercury at inferior conjunction
31	7:46	Moon at apogee (406,394 km)
31	12:00	Venus at perihelion (0.71841 AU)
<b>NOVEMBER 2020</b>		
1	3:49	● FULL MOON
1	4:52	Uranus at opposition
2	16:00	Mercury at perihelion (0.30750 AU)
9	2:46	☾ LAST QUARTER
11	6:00	Mercury greatest elongation (W 19.0°)
15	0:48	Moon at perigee (357,837 km)
15	18:07	☾ NEW MOON
17		Meteor shower: Leonids
22	17:45	☾ FIRST QUARTER
30	22:30	● FULL MOON (penumbral eclipse of the Moon)