

Astronomical Events 2020 from www.astropixels.com

Date	GMT (h:m)	Event
Jan 02	01:30	Moon at Apogee: 404580 km
03	04:45	FQ Moon
04	09	Quadrantid Meteor Shower
05	08	Earth at Perihelion: 0.98324 AU
07	21:09	Aldebaran 3.0°S of Moon
09	23:29	Moon at Ascending Node
10	15	Mercury at Superior Conjunction
10	19:10	Pen. Lunar Eclipse; mag=0.896
10	19:21	FM
11	02:26	Pollux 5.3°N of Moon
11	23:54	Beehive 1.0°S of Moon
13	11:37	Regulus 3.8°S of Moon
13	14	Saturn in Conjunction with Sun
13	20:20	Moon at Perigee: 365964 km
17	12:58	LQ Moon
17	23:03	Mars 4.7°N of Antares
20	19:13	Mars 2.3°S of Moon
22	20:31	Moon at Descending Node
23	02:42	Jupiter 0.4°N of Moon: Occn. (below horizon)
24	21:42	NM
28	07:29	Venus 4.1°N of Moon
29	21:28	Moon at Apogee: 405390 km
Feb 02	01:42	FQ Moon
04	06:53	Aldebaran 3.1°S of Moon
06	08:59	Moon at Ascending Node
07	12:58	Pollux 5.3°N of Moon
08	10:16	Beehive 1.0°S of Moon
09	07:33	FM
09	21:15	Regulus 3.8°S of Moon
10	14	Mercury at Greatest Elong: 18.2°E
10	20:31	Moon at Perigee: 360464 km
12	05	Mercury at Perihelion
15	22:17	LQ Moon
18	13:18	Mars 0.8°S of Moon: Occn.
19	00:12	Moon at Descending Node
19	19:36	Jupiter 0.9°N of Moon: Occn.(8 am event)
20	13:47	Saturn 1.7°N of Moon
23	15:32	NM
26	02	Mercury at Inferior Conjunction

	26	11:35	Moon at Apogee: 406277 km
Mar	02	15:16	Aldebaran 3.3°S of Moon
	02	19:57	FQ Moon
	04	14:58	Moon at Ascending Node
	05	23:26	Pollux 5.2°N of Moon
	06	21:08	Beehive 1.1°S of Moon
	08	08:23	Regulus 3.8°S of Moon
	08	12	Neptune in Conjunction with Sun
	09	17:48	FM
	10	06:33	Moon at Perigee: 357123 km
	16	09:34	LQ Moon
	17	01:00	Moon at Descending Node
	18	08:19	Mars 0.7°N of Moon: Occn. (miss, below horizon)
	18	10:18	Jupiter 1.5°N of Moon
	19	00:04	Saturn 2.1°N of Moon
	20	03:50	Vernal Equinox
	20	04	Venus at Perihelion
	21	17:48	Mercury 3.6°N of Moon
	24	02	Mercury at Greatest Elong: 27.8°W
	24	09:28	NM
	24	15:23	Moon at Apogee: 406690 km
	24	22	Venus at Greatest Elong: 46.1°E
	27	05	Mercury at Aphelion
	29	21:52	Aldebaran 3.6°S of Moon
	31	16:51	Moon at Ascending Node
Apr	01	10:21	FQ Moon
	02	07:59	Pollux 4.9°N of Moon
	03	06:25	Beehive 1.3°S of Moon
	03	14:36	Venus 0.3°S of Pleiades
	04	18:45	Regulus 3.9°S of Moon
	07	18:08	Moon at Perigee: 356909 km
	08	02:35	FM
	13	02:58	Moon at Descending Node
	14	22:56	LQ Moon
	14	23:04	Jupiter 2.0°N of Moon
	15	09:26	Saturn 2.5°N of Moon
	16	04:33	Mars 2.0°N of Moon
	20	19:01	Moon at Apogee: 406463 km
	22	06	Lyrid Meteor Shower
	23	02:26	NM
	26	03:34	Aldebaran 3.8°S of Moon
	26	10	Uranus in Conjunction with Sun
	27	17:54	Moon at Ascending Node

	29	14:19	Pollux 4.7°N of Moon
	30	13:18	Beehive 1.6°S of Moon
	30	20:38	FQ Moon
May	02	02:49	Regulus 4.2°S of Moon
	04	19	Eta-Aquarid Meteor Shower
	04	21	Mercury at Superior Conjunction
	06	03:03	Moon at Perigee: 359656 km
	07	10:45	FM
	08	21:40	Antares 6.5°S of Moon
	10	04	Mercury at Perihelion
	10	09:01	Moon at Descending Node
	12	09:40	Jupiter 2.3°N of Moon
	12	18:18	Saturn 2.7°N of Moon
	14	14:03	LQ Moon
	15	02:00	Mars 2.8°N of Moon
	18	07:45	Moon at Apogee: 405584 km
	22	10	Mercury 0.9° of Venus
	22	17:39	NM
	24	02:40	Venus 3.7°N of Moon
	24	10:53	Mercury 2.8°N of Moon
	24	21:34	Moon at Ascending Node
	26	19:43	Pollux 4.6°N of Moon
	27	18:44	Beehive 1.7°S of Moon
	29	08:44	Regulus 4.3°S of Moon
	30	03:30	FQ Moon
Jun	03	03:36	Moon at Perigee: 364366 km
	03	18	Venus at Inferior Conjunction
	04	13	Mercury at Greatest Elong: 23.6°E
	05	19:12	FM
	05	19:25	Pen. Lunar Eclipse; mag=0.568
	06	18:10	Moon at Descending Node
	08	17:19	Jupiter 2.2°N of Moon
	09	02:19	Saturn 2.7°N of Moon
	12	23:53	Mars 2.7°N of Moon
	13	06:24	LQ Moon
	15	00:56	Moon at Apogee: 404597 km
	19	08:52	Venus 0.7°S of Moon: Occn.
	20	21:43	Summer Solstice
	21	04:24	Moon at Ascending Node
	21	06:40	Annular Solar Eclipse; mag=0.994
	21	06:41	NM
	23	01:53	Pollux 4.5°N of Moon
	24	00:33	Beehive 1.7°S of Moon

	25	14:09	Regulus 4.3°S of Moon
	28	08:16	FQ Moon
	30	02:09	Moon at Perigee: 368958 km
Jul	01	03	Mercury at Inferior Conjunction
	04	03:18	Moon at Descending Node
	04	13	Earth at Aphelion: 1.01669 AU
	05	04:30	Pen. Lunar Eclipse; mag=0.355
	05	04:44	FM
	05	21:37	Jupiter 1.9°N of Moon
	06	08:45	Saturn 2.5°N of Moon
	10	12	Venus at Aphelion
	11	12:10	Venus 1.0°N of Aldebaran
	11	19:36	Mars 2.0°N of Moon
	12	19:27	Moon at Apogee: 404201 km
	12	23:29	LQ Moon
	14	07	Jupiter at Opposition
	17	01:21	Aldebaran 3.8°S of Moon
	17	07:26	Venus 3.1°S of Moon
	18	12:33	Moon at Ascending Node
	19	03:54	Mercury 3.9°S of Moon
	20	17:33	NM
	20	22	Saturn at Opposition
	22	15	Mercury at Greatest Elong: 20.1°W
	22	20:50	Regulus 4.3°S of Moon
	25	04:54	Moon at Perigee: 368367 km
	27	12:32	FQ Moon
	27	21	Delta-Aquarid Meteor Shower
	31	09:32	Moon at Descending Node
Aug	01	20:14	Mercury 6.6°S of Pollux
	01	23:30	Jupiter 1.5°N of Moon
	02	13:17	Saturn 2.3°N of Moon
	03	12	Mars at Perihelion
	03	15:59	FM
	06	04	Mercury at Perihelion
	09	07:57	Mars 0.8°N of Moon: Occn.
	09	13:51	Moon at Apogee: 404658 km
	11	16:45	LQ Moon
	12	13	Perseid Meteor Shower
	13	01	Venus at Greatest Elong: 45.8°W
	13	10:06	Aldebaran 4.0°S of Moon
	14	19:22	Moon at Ascending Node
	15	13:01	Venus 4.0°S of Moon
	16	19:10	Pollux 4.5°N of Moon

	17	15	Mercury at Superior Conjunction
	19	02:41	NM
	21	10:59	Moon at Perigee: 363513 km
	25	17:58	FQ Moon
	26	04:04	Antares 6.2°S of Moon
	27	11:52	Moon at Descending Node
	29	01:33	Jupiter 1.4°N of Moon
	29	16:40	Saturn 2.2°N of Moon
Sep	02	05:22	FM
	06	04:42	Mars 0.0°S of Moon: Occn.
	06	06:31	Moon at Apogee: 405606 km
	09	18:12	Aldebaran 4.2°S of Moon
	10	09:26	LQ Moon
	10	23:05	Moon at Ascending Node
	11	19	Neptune at Opposition
	13	00:10	Venus 2.5°S of Beehive
	13	04:50	Pollux 4.3°N of Moon
	14	03:19	Beehive 1.8°S of Moon
	14	04:43	Venus 4.5°S of Moon
	15	15:51	Regulus 4.3°S of Moon
	17	11:00	NM
	18	13:44	Moon at Perigee: 359081 km
	19	03	Mercury at Aphelion
	22	06:06	Mercury 0.3°N of Spica
	22	10:27	Antares 6.0°S of Moon
	22	13:31	Autumnal Equinox
	23	12:33	Moon at Descending Node
	24	01:55	FQ Moon
	25	06:46	Jupiter 1.6°N of Moon
	25	20:46	Saturn 2.3°N of Moon
Oct	01	16	Mercury at Greatest Elong: 25.8°E
	01	21:05	FM
	02	17:09	Venus 0.1°S of Regulus
	03	03:21	Mars 0.7°N of Moon: Occn.
	03	17:22	Moon at Apogee: 406321 km
	07	01:02	Aldebaran 4.5°S of Moon
	08	00:29	Moon at Ascending Node
	10	00:39	LQ Moon
	10	13:18	Pollux 4.1°N of Moon
	11	12:27	Beehive 2.1°S of Moon
	13	01:59	Regulus 4.5°S of Moon
	13	23	Mars at Opposition
	13	23:57	Venus 4.3°S of Moon

	16	19:31	NM
	16	23:46	Moon at Perigee: 356913 km
	19	19:12	Antares 5.7°S of Moon
	20	15:53	Moon at Descending Node
	21	05	Orionid Meteor Shower
	22	17:10	Jupiter 2.0°N of Moon
	23	03:49	Saturn 2.6°N of Moon
	23	13:23	FQ Moon
	25	18	Mercury at Inferior Conjunction
	29	16:13	Mars 3.0°N of Moon
	30	18:46	Moon at Apogee: 406393 km
	30	21	Venus at Perihelion
	31	14:49	FM
	31	16	Uranus at Opposition
Nov	02	03	Mercury at Perihelion
	03	06:58	Aldebaran 4.6°S of Moon
	04	02:39	Moon at Ascending Node
	05	06	S Taurid Meteor Shower
	06	19:52	Pollux 3.9°N of Moon
	07	19:34	Beehive 2.3°S of Moon
	08	13:46	LQ Moon
	09	10:20	Regulus 4.7°S of Moon
	10	17	Mercury at Greatest Elong: 19.1°W
	12	05	N Taurid Meteor Shower
	12	21:30	Venus 3.1°S of Moon
	13	20:45	Mercury 1.7°S of Moon
	14	11:48	Moon at Perigee: 357839 km
	15	05:07	NM
	16	13:27	Venus 3.6°N of Spica
	17	00:07	Moon at Descending Node
	17	11	Leonid Meteor Shower
	19	08:54	Jupiter 2.5°N of Moon
	19	14:57	Saturn 2.9°N of Moon
	22	04:45	FQ Moon
	25	19:45	Mars 4.9°N of Moon
	27	00:29	Moon at Apogee: 405891 km
	30	09:30	FM
	30	09:43	Pen. Lunar Eclipse; mag=0.829
	30	13:07	Aldebaran 4.6°S of Moon
Dec	01	07:46	Moon at Ascending Node
	04	01:24	Pollux 3.8°N of Moon
	05	01:10	Beehive 2.4°S of Moon
	06	16:28	Regulus 4.8°S of Moon

08 00:37 LQ Moon
12 20:40 Venus 0.8°S of Moon: Occn.
12 20:42 Moon at Perigee: 361777 km
14 01 Geminid Meteor Shower
14 11:03 Moon at Descending Node
14 16:13 Total Solar Eclipse; mag=1.025
14 16:17 NM
17 04:28 Jupiter 2.9°N of Moon
17 05:25 Saturn 3.1°N of Moon
20 03 Mercury at Superior Conjunction
21 10:03 Winter Solstice
21 23:41 FQ Moon
22 09 Ursid Meteor Shower
23 14:48 Venus 5.5°N of Antares
23 18:30 Mars 5.6°N of Moon
24 16:32 Moon at Apogee: 405010 km
27 20:20 Aldebaran 4.6°S of Moon
28 15:03 Moon at Ascending Node
30 03:28 FM
31 07:41 Pollux 3.8°N of Moon