

Éphémérides topocentriques de la Lune

Les temps sont donnés en heure normale pour Observatoire AAA (5° 20' 23" O, 46° 11' 35" N, zone A).

	Date	Heure	A. D. (2000.0)	Décl. (2000.0)	Const.	Dist. T.	Âge	Magn.	Diam.	Illum.	Élong.	Sépar.	Lever	Passage	Coucher	Altitude	Azimut	Azimut
	aaaa mm jj	hh:mm	topocentrique	topocentrique		km	jours	mV	"	%	°	°	hh:mm	hh:mm	hh:mm	max.	lever	coucher
1	2019 10 01	00:00	14h 26m 1,1s	-10° 26' 30"	Lib	368957	2j 4h 34m	-9,44	1943	7,0	30,4° E	30,6°	10:28	15:47	20:56	29,8°	107,8°	249,2°
2	2019 10 02	00:00	15h 21m 9,4s	-15° 9' 47"	Lib	373864	3j 4h 34m	-9,92	1918	13,9	43,7° E	43,8°	11:43	16:41	21:31	25,6°	114,6°	243,2°
3	2019 10 03	00:00	16h 16m 42,6s	-18° 57' 26"	Sco	379310	4j 4h 34m	-10,33	1890	22,5	56,5° E	56,5°	12:54	17:35	22:10	22,5°	119,7°	238,8°
4	2019 10 04	00:00	17h 12m 32,4s	-21° 39' 6"	Oph	384825	5j 4h 34m	-10,68	1863	32,0	68,8° E	68,8°	13:59	18:28	22:55	20,7°	123,0°	236,4°
5	2019 10 05	00:00	18h 8m 11,6s	-23° 9' 35"	Sgr	389992	6j 4h 34m	-10,97	1838	42,1	80,7° E	80,7°	14:56	19:21	23:46	20,2°	124,1°	235,9°
6	2019 10 06	00:00	19h 3m 2,2s	-23° 28' 33"	Sgr	394481	7j 4h 34m	-11,22	1817	52,1	92,3° E	92,3°	15:45	20:12		20,2°	123,3°	235,9°
7	2019 10 07	00:00	19h 56m 26,8s	-22° 39' 52"	Sgr	398069	8j 4h 34m	-11,44	1801	61,9	103,6° E	103,6°	16:26	21:01	00:42	20,9°	120,8°	237,4°
8	2019 10 08	00:00	20h 47m 59,0s	-20° 50' 22"	Cap	400642	9j 4h 34m	-11,64	1789	70,9	114,7° E	114,6°	16:59	21:48	01:42	22,7°	116,8°	240,6°
9	2019 10 09	00:00	21h 37m 29,2s	-18° 8' 36"	Cap	402177	10j 4h 34m	-11,82	1783	79,2	125,6° E	125,5°	17:28	22:33	02:43	25,4°	111,8°	245,1°
10	2019 10 10	00:00	22h 25m 5,0s	-14° 43' 49"	Aqr	402734	11j 4h 34m	-11,98	1780	86,3	136,6° E	136,4°	17:53	23:16	03:45	28,9°	106,0°	250,6°
11	2019 10 11	00:00	23h 11m 7,6s	-10° 45' 25"	Aqr	402426	12j 4h 34m	-12,14	1782	92,0	147,5° E	147,2°	18:16	23:57	04:46	33,0°	99,7°	256,8°
12	2019 10 12	00:00	23h 56m 7,7s	-6° 22' 43"	Aqr	401397	13j 4h 34m	-12,30	1786	96,3	158,5° E	157,9°	18:38		05:48	42,3°	93,0°	263,5°
13	2019 10 13	00:00	0h 40m 41,9s	-1° 45' 7"	Cet	399800	14j 4h 34m	-12,45	1793	98,9	169,6° E	168,2°	18:59	00:39	06:50	47,1°	86,2°	270,4°
14	2019 10 14	00:00	1h 25m 30,0s	+2° 57' 36"	Psc	397775	15j 4h 34m	-12,54	1802	99,8	179,2° O	174,3°	19:21	01:20	07:53	51,9°	79,4°	277,4°
15	2019 10 15	00:00	2h 11m 12,8s	+7° 35' 0"	Cet	395432	16j 4h 34m	-12,45	1813	98,7	167,8° O	166,7°	19:45	02:03	08:57	56,3°	72,9°	284,3°
16	2019 10 16	00:00	2h 58m 29,2s	+11° 55' 39"	Ari	392845	17j 4h 34m	-12,32	1825	95,7	156,3° O	155,9°	20:12	02:48	10:02	60,2°	66,9°	290,7°
17	2019 10 17	00:00	3h 47m 53,1s	+15° 47' 5"	Tau	390053	18j 4h 34m	-12,17	1838	90,8	144,7° O	144,5°	20:44	03:34	11:07	63,4°	61,9°	296,3°
18	2019 10 18	00:00	4h 39m 46,7s	+18° 56' 0"	Tau	387069	19j 4h 34m	-12,02	1852	84,1	133,0° O	132,9°	21:23	04:24	12:13	65,5°	58,1°	300,7°
19	2019 10 19	00:00	5h 34m 13,9s	+21° 8' 58"	Tau	383902	20j 4h 34m	-11,84	1868	75,8	121,0° O	121,0°	22:11	05:17	13:16	66,4°	56,1°	303,4°
20	2019 10 20	00:00	6h 30m 53,9s	+22° 13' 50"	Gem	380579	21j 4h 34m	-11,64	1884	66,3	108,8° O	108,8°	23:08	06:12	14:14	65,8°	56,3°	304,1°
21	2019 10 21	00:00	7h 29m 1,5s	+22° 1' 41"	Gem	377170	22j 4h 34m	-11,41	1901	55,7	96,4° O	96,4°		07:09	15:05	63,7°	58,7°	302,4°
22	2019 10 22	00:00	8h 27m 37,6s	+20° 28' 52"	Cnc	373807	23j 4h 34m	-11,14	1918	44,7	83,7° O	83,7°	00:13	08:06	15:49	63,7°	58,7°	298,6°
23	2019 10 23	00:00	9h 25m 45,8s	+17° 38' 5"	Leo	370692	24j 4h 34m	-10,83	1934	33,6	70,7° O	70,7°	01:26	09:02	16:26	60,3°	63,4°	292,9°
24	2019 10 24	00:00	10h 22m 49,5s	+13° 38' 28"	Leo	368086	25j 4h 34m	-10,45	1948	23,2	57,4° O	57,5°	02:43	09:57	16:58	55,7°	70,0°	285,8°
25	2019 10 25	00:00	11h 18m 39,2s	+8° 44' 31"	Leo	366284	26j 4h 34m	-10,00	1957	14,1	43,9° O	44,0°	04:01	10:51	17:27	50,2°	77,8°	277,7°
26	2019 10 26	00:00	12h 13m 29,9s	+3° 14' 45"	Vir	365562	27j 4h 34m	-9,47	1961	6,9	30,1° O	30,4°	05:21	11:44	17:54	44,2°	86,4°	269,2°
27	2019 10 27	00:00	13h 7m 52,6s	-2° 29' 42"	Vir	366121	28j 4h 34m	-8,87	1958	2,2	16,4° O	16,9°	06:40	12:37	18:22	38,1°	95,3°	260,7°
28	2019 10 28	00:00	14h 2m 23,6s	-8° 6' 36"	Vir	368036	29j 4h 34m	-8,27	1948	0,2	2,6° O	4,8°	07:59	13:31	18:51	32,4°	103,8°	252,8°
29	2019 10 29	00:00	14h 57m 33,5s	-13° 14' 17"	Lib	371225	0j 19h 22m	-8,57	1931	1,0	10,9° E	11,4°	09:17	14:25	19:24	27,4°	111,5°	245,8°
30	2019 10 30	00:00	15h 53m 37,2s	-17° 33' 27"	Lib	375453	1j 19h 22m	-9,15	1910	4,4	24,1° E	24,2°	10:33	15:20	20:01	23,6°	117,7°	240,4°
31	2019 10 31	00:00	16h 50m 26,8s	-20° 49' 3"	Oph	380366	2j 19h 22m	-9,65	1885	10,0	36,8° E	36,9°	11:43	16:16	20:44	21,1°	122,1°	236,9°