

Éphémérides topocentriques du Soleil

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.	Diam.	Équation	Aurore	Lever	Passage	Coucher	Crépuscule	Altitude	Azimut	Azimut
	aaaa mm jj	hh:mm	topocentrique	topocentrique		UA	"	du temps	hh:mm	hh:mm	hh:mm	hh:mm	hh:mm	max.	lever	coucher
1	2019 10 01	00:00	12h 26m 29,0s	-2° 51' 45"	Vir	1,0015	1916	-10m 03s	05:39	07:19	13:11	19:02	20:42	40,6°	93,6°	266,1°
2	2019 10 02	00:00	12h 30m 6,1s	-3° 15' 2"	Vir	1,0012	1917	-10m 23s	05:41	07:21	13:11	19:00	20:40	40,2°	94,2°	265,6°
3	2019 10 03	00:00	12h 33m 43,5s	-3° 38' 16"	Vir	1,0009	1918	-10m 42s	05:42	07:22	13:10	18:58	20:38	39,8°	94,7°	265,0°
4	2019 10 04	00:00	12h 37m 21,2s	-4° 1' 29"	Vir	1,0006	1918	-11m 01s	05:44	07:23	13:10	18:56	20:36	39,5°	95,3°	264,4°
5	2019 10 05	00:00	12h 40m 59,3s	-4° 24' 38"	Vir	1,0003	1919	-11m 20s	05:45	07:25	13:10	18:54	20:34	39,1°	95,8°	263,9°
6	2019 10 06	00:00	12h 44m 37,6s	-4° 47' 44"	Vir	1,0000	1919	-11m 38s	05:46	07:26	13:10	18:52	20:32	38,7°	96,4°	263,3°
7	2019 10 07	00:00	12h 48m 16,3s	-5° 10' 47"	Vir	0,9997	1920	-11m 56s	05:48	07:27	13:09	18:51	20:30	38,3°	97,0°	262,8°
8	2019 10 08	00:00	12h 51m 55,4s	-5° 33' 45"	Vir	0,9994	1920	-12m 13s	05:49	07:28	13:09	18:49	20:28	37,9°	97,5°	262,2°
9	2019 10 09	00:00	12h 55m 34,9s	-5° 56' 39"	Vir	0,9991	1921	-12m 30s	05:50	07:30	13:09	18:47	20:26	37,5°	98,1°	261,7°
10	2019 10 10	00:00	12h 59m 14,8s	-6° 19' 28"	Vir	0,9988	1921	-12m 47s	05:52	07:31	13:08	18:45	20:24	37,2°	98,6°	261,1°
11	2019 10 11	00:00	13h 2m 55,1s	-6° 42' 13"	Vir	0,9986	1922	-13m 03s	05:53	07:32	13:08	18:43	20:22	36,8°	99,2°	260,6°
12	2019 10 12	00:00	13h 6m 35,9s	-7° 4' 51"	Vir	0,9983	1923	-13m 19s	05:54	07:34	13:08	18:41	20:20	36,4°	99,7°	260,0°
13	2019 10 13	00:00	13h 10m 17,2s	-7° 27' 24"	Vir	0,9980	1923	-13m 34s	05:56	07:35	13:08	18:39	20:18	36,0°	100,3°	259,5°
14	2019 10 14	00:00	13h 13m 59,0s	-7° 49' 51"	Vir	0,9977	1924	-13m 49s	05:57	07:37	13:07	18:38	20:17	35,7°	100,8°	259,0°
15	2019 10 15	00:00	13h 17m 41,3s	-8° 12' 11"	Vir	0,9974	1924	-14m 03s	05:58	07:38	13:07	18:36	20:15	35,3°	101,3°	258,4°
16	2019 10 16	00:00	13h 21m 24,2s	-8° 34' 25"	Vir	0,9971	1925	-14m 17s	05:59	07:39	13:07	18:34	20:13	34,9°	101,9°	257,9°
17	2019 10 17	00:00	13h 25m 7,6s	-8° 56' 31"	Vir	0,9968	1925	-14m 30s	06:01	07:41	13:07	18:32	20:11	34,6°	102,4°	257,3°
18	2019 10 18	00:00	13h 28m 51,6s	-9° 18' 30"	Vir	0,9966	1926	-14m 42s	06:02	07:42	13:07	18:30	20:10	34,2°	103,0°	256,8°
19	2019 10 19	00:00	13h 32m 36,3s	-9° 40' 20"	Vir	0,9963	1926	-14m 54s	06:04	07:43	13:06	18:29	20:08	33,8°	103,5°	256,3°
20	2019 10 20	00:00	13h 36m 21,5s	-10° 2' 3"	Vir	0,9960	1927	-15m 05s	06:05	07:45	13:06	18:27	20:06	33,5°	104,0°	255,8°
21	2019 10 21	00:00	13h 40m 7,5s	-10° 23' 36"	Vir	0,9957	1927	-15m 16s	06:06	07:46	13:06	18:25	20:05	33,1°	104,5°	255,2°
22	2019 10 22	00:00	13h 43m 54,0s	-10° 45' 1"	Vir	0,9955	1928	-15m 26s	06:08	07:48	13:06	18:23	20:03	32,8°	105,1°	254,7°
23	2019 10 23	00:00	13h 47m 41,3s	-11° 6' 16"	Vir	0,9952	1929	-15m 35s	06:09	07:49	13:06	18:22	20:02	32,4°	105,6°	254,2°
24	2019 10 24	00:00	13h 51m 29,2s	-11° 27' 22"	Vir	0,9949	1929	-15m 44s	06:10	07:50	13:06	18:20	20:00	32,1°	106,1°	253,7°
25	2019 10 25	00:00	13h 55m 17,9s	-11° 48' 17"	Vir	0,9947	1930	-15m 52s	06:12	07:52	13:05	18:18	19:59	31,7°	106,6°	253,2°
26	2019 10 26	00:00	13h 59m 7,3s	-12° 9' 1"	Vir	0,9944	1930	-15m 59s	06:13	07:53	13:05	18:17	19:57	31,4°	107,1°	252,7°
27	2019 10 27	00:00	14h 2m 57,4s	-12° 29' 34"	Vir	0,9941	1931	-16m 05s	06:14	07:55	13:05	18:15	19:56	31,0°	107,6°	252,2°
28	2019 10 28	00:00	14h 6m 48,2s	-12° 49' 56"	Vir	0,9938	1931	-16m 11s	06:15	07:56	13:05	18:14	19:54	30,7°	108,1°	251,7°
29	2019 10 29	00:00	14h 10m 39,8s	-13° 10' 6"	Vir	0,9936	1932	-16m 16s	06:17	07:57	13:05	18:12	19:53	30,4°	108,6°	251,2°
30	2019 10 30	00:00	14h 14m 32,1s	-13° 30' 3"	Vir	0,9933	1932	-16m 20s	06:18	07:59	13:05	18:11	19:51	30,0°	109,1°	250,7°
31	2019 10 31	00:00	14h 18m 25,3s	-13° 49' 48"	Vir	0,9930	1933	-16m 24s	06:19	08:00	13:05	18:09	19:50	29,7°	109,6°	250,2°