

Éphémérides topocentriques du Soleil

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

	Date aaaa mm jj	Heure hh:mm	A. D. (2000.0) topocentrique	Décl. (2000.0) topocentrique	Const.	Dist. T. UA	Diam. "	Équation du temps	Aurore hh:mm	Lever hh:mm	Passage hh:mm	Coucher hh:mm	Crépuscule hh:mm	Altitude max.	Azimut lever	Azimut coucher
1	2020 01 01	00:00	18h 41m 58,3s	-23° 5' 3"	Sgr	0,9833	1952	+03m 03s	08:15	10:04	14:25	18:45	20:34	20,8°	123,4°	236,7°
2	2020 01 02	00:00	18h 46m 23,4s	-23° 0' 24"	Sgr	0,9833	1952	+03m 31s	08:16	10:04	14:25	18:46	20:35	20,9°	123,3°	236,8°
3	2020 01 03	00:00	18h 50m 48,2s	-22° 55' 17"	Sgr	0,9833	1952	+03m 59s	08:16	10:04	14:26	18:47	20:36	21,0°	123,1°	236,9°
4	2020 01 04	00:00	18h 55m 12,6s	-22° 49' 42"	Sgr	0,9833	1952	+04m 27s	08:16	10:04	14:26	18:48	20:37	21,1°	123,0°	237,1°
5	2020 01 05	00:00	18h 59m 36,6s	-22° 43' 40"	Sgr	0,9833	1952	+04m 54s	08:16	10:04	14:27	18:49	20:38	21,2°	122,8°	237,3°
6	2020 01 06	00:00	19h 4m 0,2s	-22° 37' 12"	Sgr	0,9833	1952	+05m 21s	08:16	10:04	14:27	18:50	20:38	21,3°	122,6°	237,5°
7	2020 01 07	00:00	19h 8m 23,3s	-22° 30' 16"	Sgr	0,9833	1952	+05m 48s	08:16	10:04	14:27	18:51	20:39	21,4°	122,4°	237,7°
8	2020 01 08	00:00	19h 12m 46,0s	-22° 22' 54"	Sgr	0,9833	1952	+06m 14s	08:16	10:03	14:28	18:53	20:40	21,5°	122,2°	237,9°
9	2020 01 09	00:00	19h 17m 8,1s	-22° 15' 5"	Sgr	0,9833	1952	+06m 39s	08:15	10:03	14:28	18:54	20:41	21,7°	122,0°	238,1°
10	2020 01 10	00:00	19h 21m 29,8s	-22° 6' 50"	Sgr	0,9833	1952	+07m 04s	08:15	10:03	14:29	18:55	20:42	21,8°	121,8°	238,3°
11	2020 01 11	00:00	19h 25m 50,9s	-21° 58' 9"	Sgr	0,9834	1952	+07m 29s	08:15	10:02	14:29	18:56	20:43	22,0°	121,5°	238,5°
12	2020 01 12	00:00	19h 30m 11,4s	-21° 49' 3"	Sgr	0,9834	1952	+07m 53s	08:15	10:02	14:29	18:57	20:44	22,1°	121,3°	238,8°
13	2020 01 13	00:00	19h 34m 31,4s	-21° 39' 31"	Sgr	0,9835	1952	+08m 16s	08:15	10:01	14:30	18:59	20:45	22,3°	121,0°	239,1°
14	2020 01 14	00:00	19h 38m 50,8s	-21° 29' 34"	Sgr	0,9835	1951	+08m 39s	08:14	10:01	14:30	18:59	20:47	22,5°	120,8°	239,3°
15	2020 01 15	00:00	19h 43m 9,5s	-21° 19' 12"	Sgr	0,9836	1951	+09m 01s	08:14	10:00	14:31	19:01	20:48	22,6°	120,5°	239,6°
16	2020 01 16	00:00	19h 47m 27,6s	-21° 8' 25"	Sgr	0,9836	1951	+09m 22s	08:13	09:59	14:31	19:02	20:49	22,8°	120,2°	239,9°
17	2020 01 17	00:00	19h 51m 45,1s	-20° 57' 14"	Sgr	0,9837	1951	+09m 43s	08:13	09:59	14:31	19:04	20:50	23,0°	119,9°	240,2°
18	2020 01 18	00:00	19h 56m 1,9s	-20° 45' 39"	Sgr	0,9838	1951	+10m 03s	08:13	09:58	14:32	19:05	20:51	23,2°	119,6°	240,5°
19	2020 01 19	00:00	20h 0m 18,0s	-20° 33' 40"	Sgr	0,9838	1951	+10m 23s	08:12	09:58	14:32	19:06	20:52	23,4°	119,3°	240,8°
20	2020 01 20	00:00	20h 4m 33,4s	-20° 21' 18"	Sgr	0,9839	1951	+10m 42s	08:11	09:57	14:32	19:08	20:53	23,6°	119,0°	241,2°
21	2020 01 21	00:00	20h 8m 48,2s	-20° 8' 33"	Cap	0,9840	1950	+10m 60s	08:11	09:56	14:32	19:09	20:55	23,9°	118,6°	241,5°
22	2020 01 22	00:00	20h 13m 2,2s	-19° 55' 25"	Cap	0,9841	1950	+11m 17s	08:10	09:55	14:33	19:11	20:56	24,1°	118,3°	241,9°
23	2020 01 23	00:00	20h 17m 15,4s	-19° 41' 55"	Cap	0,9842	1950	+11m 33s	08:10	09:54	14:33	19:12	20:57	24,3°	117,9°	242,2°
24	2020 01 24	00:00	20h 21m 27,9s	-19° 28' 2"	Cap	0,9843	1950	+11m 49s	08:09	09:54	14:33	19:14	20:58	24,5°	117,6°	242,6°
25	2020 01 25	00:00	20h 25m 39,6s	-19° 13' 48"	Cap	0,9844	1950	+12m 04s	08:08	09:53	14:34	19:15	20:59	24,8°	117,2°	243,0°
26	2020 01 26	00:00	20h 29m 50,5s	-18° 59' 13"	Cap	0,9845	1949	+12m 18s	08:07	09:52	14:34	19:16	21:01	25,0°	116,8°	243,3°
27	2020 01 27	00:00	20h 34m 0,6s	-18° 44' 17"	Cap	0,9846	1949	+12m 31s	08:07	09:51	14:34	19:18	21:02	25,3°	116,4°	243,7°
28	2020 01 28	00:00	20h 38m 9,9s	-18° 29' 1"	Cap	0,9847	1949	+12m 44s	08:06	09:50	14:34	19:19	21:03	25,5°	116,0°	244,1°
29	2020 01 29	00:00	20h 42m 18,4s	-18° 13' 24"	Cap	0,9848	1949	+12m 56s	08:05	09:48	14:34	19:21	21:04	25,8°	115,6°	244,5°
30	2020 01 30	00:00	20h 46m 26,1s	-17° 57' 28"	Cap	0,9850	1949	+13m 07s	08:04	09:47	14:35	19:22	21:06	26,1°	115,2°	244,9°
31	2020 01 31	00:00	20h 50m 32,9s	-17° 41' 13"	Cap	0,9851	1948	+13m 17s	08:03	09:46	14:35	19:24	21:07	26,4°	114,8°	245,4°