

Ephemeris of Saturn

Date	Rise	Set	Mag	El °	Top R.A.	Top Dec	Diam "	Distance	R (AU)
01 april 2012	20:52:11	07:35:50	0.3	164.1	13h 45m 20.91s	-07° 55' 58.7"	18.90	8.7530200	9.717941
04	20:39:06	07:23:40	0.3	167.2	13h 44m 31.60s	-07° 51' 03.6"	18.93	8.7409208	9.718781
07	20:26:01	07:11:30	0.3	170.3	13h 43m 41.28s	-07° 46' 05.1"	18.95	8.7315109	9.719620
10	20:12:54	06:59:19	0.2	173.3	13h 42m 50.19s	-07° 41' 05.0"	18.96	8.7248115	9.720458
13	19:59:48	06:47:08	0.2	175.9	13h 41m 58.57s	-07° 36' 04.5"	18.97	8.7208443	9.721296
16	19:46:41	06:34:56	0.2	177.2	13h 41m 06.61s	-07° 31' 04.9"	18.98	8.7196283	9.722133
19	19:33:34	06:22:44	0.2	175.7	13h 40m 14.58s	-07° 26' 07.6"	18.97	8.7211724	9.722970
22	19:20:28	06:10:31	0.2	172.9	13h 39m 22.75s	-07° 21' 14.2"	18.96	8.7254723	9.723805
25	19:07:23	05:58:19	0.3	169.9	13h 38m 31.40s	-07° 16' 26.3"	18.95	8.7325097	9.724641
28 april	18:54:20	05:46:07	0.3	166.9	13h 37m 40.77s	-07° 11' 45.3"	18.93	8.7422526	9.725475
01 maj	18:41:18	05:33:55	0.3	163.8	13h 36m 51.07s	-07° 07' 12.4"	18.90	8.7546569	9.726310
04	18:28:18	05:21:43	0.3	160.7	13h 36m 02.53s	-07° 02' 48.7"	18.87	8.7696682	9.727143
07	18:15:21	05:09:32	0.3	157.6	13h 35m 15.40s	-06° 58' 35.6"	18.83	8.7872263	9.727976
10	18:02:27	04:57:21	0.4	154.6	13h 34m 29.87s	-06° 54' 34.4"	18.79	8.8072725	9.728808
13	17:49:35	04:45:10	0.4	151.5	13h 33m 46.09s	-06° 50' 45.8"	18.74	8.8297487	9.729640
16	17:36:47	04:33:01	0.4	148.4	13h 33m 04.26s	-06° 47' 10.9"	18.69	8.8545897	9.730471
19	17:24:03	04:20:52	0.4	145.4	13h 32m 24.58s	-06° 43' 50.8"	18.63	8.8817194	9.731301
22	17:11:22	04:08:44	0.4	142.3	13h 31m 47.25s	-06° 40' 46.6"	18.57	8.9110506	9.732131
25	16:58:45	03:56:37	0.5	139.3	13h 31m 12.43s	-06° 37' 59.1"	18.50	8.9424864	9.732960
28	16:46:13	03:44:31	0.5	136.3	13h 30m 40.24s	-06° 35' 29.0"	18.43	8.9759212	9.733789
31 maj	16:33:45	03:32:26	0.5	133.3	13h 30m 10.80s	-06° 33' 16.7"	18.36	9.0112434	9.734616
03 jun	16:21:21	03:20:23	0.5	130.3	13h 29m 44.25s	-06° 31' 22.9"	18.29	9.0483395	9.735444
06	16:09:03	03:08:20	0.5	127.4	13h 29m 20.69s	-06° 29' 48.2"	18.21	9.0871004	9.736270
09	15:56:49	02:56:19	0.6	124.4	13h 29m 00.14s	-06° 28' 32.7"	18.13	9.1274224	9.737096
12	15:44:39	02:44:19	0.6	121.5	13h 28m 42.69s	-06° 27' 36.6"	18.05	9.1692008	9.737922
15	15:32:35	02:32:20	0.6	118.5	13h 28m 28.42s	-06° 27' 00.4"	17.96	9.2123240	9.738746
18	15:20:36	02:20:23	0.6	115.6	13h 28m 17.42s	-06° 26' 44.5"	17.87	9.2566732	9.739570
21	15:08:42	02:08:27	0.6	112.8	13h 28m 09.73s	-06° 26' 48.9"	17.79	9.3021242	9.740394
24	14:56:54	01:56:33	0.6	109.9	13h 28m 05.37s	-06° 27' 13.6"	17.70	9.3485482	9.741217
27	14:45:10	01:44:40	0.7	107.0	13h 28m 04.33s	-06° 27' 58.3"	17.61	9.3958144	9.742039
30 jun	14:33:32	01:32:49	0.7	104.2	13h 28m 06.66s	-06° 29' 03.2"	17.52	9.4437938	9.742860