

Ephemeris of Moon

Date	Rise	Transit	Set	Mag	El °	Phase	Top R.A.	Top Dec	Diam "	Distance
01 april 2012	15:50:56	23:09:18	05:44:27	-10.6	102.7	0.611	07h 40m 54.83s	+17° 03' 36.2"	1843.90	388821 km
04	19:25:53	00:49:35	07:15:46	-11.7	140.0	0.883	10h 19m 37.04s	+04° 20' 48.3"	1934.78	370557 km
07	23:21:06	03:29:37	08:48:14	-12.6	175.9	0.999	13h 06m 55.18s	-11° 44' 29.1"	1997.61	358902 km
10	01:51:55	06:29:50	11:05:40	-11.6	136.3	0.862	16h 11m 42.56s	-21° 46' 33.1"	1977.45	362560 km
13	04:33:55	09:24:23	14:20:30	-10.4	96.7	0.559	19h 12m 38.19s	-19° 30' 55.2"	1901.06	377129 km
16	06:07:31	11:48:57	17:39:21	-8.8	60.5	0.255	21h 46m 22.07s	-08° 36' 20.9"	1828.21	392156 km
19	07:19:22	13:57:40	20:45:58	-6.5	26.6	0.053	00h 02m 48.90s	+04° 44' 14.9"	1783.08	402082 km
22	08:42:20	16:10:33	23:46:18	-4.7	7.0	0.004	02h 20m 32.37s	+15° 55' 53.2"	1764.70	406270 km
25	10:45:05	18:34:48	01:35:20	-7.5	39.1	0.113	04h 49m 16.28s	+21° 05' 26.7"	1773.09	404348 km
28 april	13:38:11	21:01:48	03:42:39	-9.4	72.5	0.351	07h 24m 04.89s	+17° 40' 22.8"	1816.30	394729 km
01 maj	17:02:25	23:27:41	05:13:55	-10.8	108.4	0.659	09h 57m 49.61s	+06° 10' 01.4"	1896.50	378037 km
04	20:50:16	01:11:38	06:41:28	-11.9	148.1	0.925	12h 39m 17.76s	-09° 31' 06.7"	1982.33	361668 km
07	--:--:--	04:10:19	08:49:56	-12.4	169.0	0.991	15h 43m 44.42s	-21° 06' 31.5"	2005.23	357539 km
10	02:28:15	07:14:29	12:05:46	-11.3	127.6	0.806	18h 53m 47.02s	-20° 19' 39.0"	1941.47	369279 km
13	04:10:49	09:46:38	15:31:17	-10.1	89.9	0.500	21h 34m 55.33s	-09° 38' 30.6"	1851.36	387253 km
16	05:23:58	11:56:39	18:39:16	-8.5	55.5	0.217	23h 53m 04.93s	+03° 45' 36.4"	1788.90	400775 km
19	06:44:21	14:08:05	21:39:53	-6.2	22.6	0.039	02h 09m 35.48s	+15° 09' 12.7"	1764.84	406238 km
22	08:42:09	16:31:41	--:--:--	-5.0	10.1	0.008	04h 37m 01.57s	+20° 50' 53.0"	1771.27	404764 km
25	11:30:35	18:58:39	01:43:37	-7.8	43.5	0.138	07h 11m 07.57s	+18° 08' 37.3"	1803.54	397521 km
28	14:47:58	21:20:55	03:15:58	-9.7	78.6	0.402	09h 42m 03.23s	+07° 28' 05.8"	1863.94	384640 km
31 maj	18:24:32	23:52:17	04:38:36	-11.0	116.7	0.725	12h 16m 29.65s	-07° 34' 00.9"	1943.75	368847 km
03 jun	22:12:57	01:49:04	06:33:57	-12.2	158.1	0.964	15h 13m 37.15s	-20° 07' 25.1"	1997.88	358853 km
06	00:16:11	04:57:25	09:42:39	-12.2	159.6	0.969	18h 27m 48.65s	-21° 20' 35.6"	1972.26	363515 km
09	02:11:37	07:39:56	13:17:01	-11.1	120.2	0.752	21h 18m 45.34s	-11° 10' 37.5"	1886.30	380081 km
12	03:28:09	09:54:23	16:30:34	-9.9	84.6	0.454	23h 41m 46.67s	+02° 32' 11.4"	1806.98	396764 km
15	04:46:33	12:05:15	19:32:29	-8.3	51.5	0.190	01h 58m 29.22s	+14° 18' 31.5"	1769.58	405150 km
18	06:38:52	14:27:47	22:17:32	-5.8	18.9	0.027	04h 24m 39.42s	+20° 35' 43.4"	1773.17	404331 km
21	09:23:35	16:56:17	--:--:--	-5.5	14.9	0.017	06h 59m 00.08s	+18° 37' 30.6"	1803.85	397454 km
24	12:39:21	19:18:55	01:20:37	-8.2	49.9	0.179	09h 30m 09.00s	+08° 31' 39.1"	1851.50	387225 km
27	16:08:47	21:44:28	02:41:04	-10.0	87.1	0.476	12h 00m 41.09s	-06° 03' 05.0"	1911.53	375064 km
30 jun	19:50:46	--:--:--	04:24:58	-11.3	126.8	0.800	14h 48m 59.08s	-18° 59' 14.0"	1966.03	364668 km