

Ephemeris of Venus

Date	Rise	Set	Mag	El °	Top R.A.	Top Dec	Diam "	Distance	R (AU)
01 april 2012	07:43:22	00:33:15	-4.4	46.0	03h 37m 26.95s	+22° 57' 47.8"	24.79	0.6729107	0.7186824
04	07:36:35	00:39:47	-4.4	45.8	03h 49m 08.21s	+23° 47' 29.9"	25.68	0.6496163	0.7188231
07	07:29:58	00:45:41	-4.4	45.6	04h 00m 35.45s	+24° 32' 38.0"	26.63	0.6263197	0.7189957
10	07:23:31	00:50:51	-4.4	45.3	04h 11m 45.54s	+25° 13' 07.2"	27.66	0.6030673	0.7191991
13	07:17:14	00:55:08	-4.5	44.9	04h 22m 34.96s	+25° 48' 54.8"	28.76	0.5799053	0.7194318
16	07:11:06	00:58:27	-4.5	44.3	04h 32m 59.73s	+26° 19' 59.4"	29.95	0.5568784	0.7196921
19	07:05:05	01:00:41	-4.5	43.7	04h 42m 55.26s	+26° 46' 21.3"	31.23	0.5340348	0.7199782
22	06:59:09	01:01:40	-4.5	42.9	04h 52m 16.36s	+27° 08' 02.3"	32.61	0.5114313	0.7202879
25	06:53:13	01:01:17	-4.5	41.9	05h 00m 57.17s	+27° 25' 05.5"	34.10	0.4891360	0.7206190
28 april	06:47:12	00:59:25	-4.5	40.8	05h 08m 51.17s	+27° 37' 34.2"	35.70	0.4672314	0.7209692
01 maj	06:41:02	00:55:54	-4.5	39.5	05h 15m 51.20s	+27° 45' 31.5"	37.41	0.4458172	0.7213360
04	06:34:34	00:50:38	-4.5	37.9	05h 21m 49.70s	+27° 48' 59.0"	39.25	0.4250134	0.7217167
07	06:27:42	00:43:26	-4.5	36.1	05h 26m 38.94s	+27° 47' 55.5"	41.19	0.4049624	0.7221087
10	06:20:20	00:34:12	-4.5	33.9	05h 30m 11.44s	+27° 42' 16.2"	43.23	0.3858255	0.7225092
13	06:12:21	00:22:48	-4.5	31.5	05h 32m 20.24s	+27° 31' 51.3"	45.35	0.3677780	0.7229153
16	06:03:40	00:09:07	-4.4	28.7	05h 32m 59.34s	+27° 16' 25.5"	47.52	0.3510118	0.7233243
19	05:54:15	23:47:11	-4.4	25.6	05h 32m 04.49s	+26° 55' 39.3"	49.68	0.3357398	0.7237331
22	05:44:03	23:27:59	-4.3	22.1	05h 29m 34.30s	+26° 29' 11.0"	51.77	0.3221948	0.7241391
25	05:33:09	23:06:29	-4.2	18.3	05h 25m 31.56s	+25° 56' 42.0"	53.70	0.3106236	0.7245393
28	05:21:37	22:42:58	-4.1	14.1	05h 20m 04.55s	+25° 18' 05.3"	55.36	0.3012754	0.7249311
31 maj	05:09:35	22:17:48	-4.0	9.6	05h 13m 27.89s	+24° 33' 36.1"	56.66	0.2943850	0.7253115
03 jun	04:57:14	21:51:34	-3.8	4.9	05h 06m 02.66s	+23° 44' 02.5"	57.49	0.2901498	0.7256782
06	04:44:45	21:24:57	-3.7	0.0	04h 58m 14.98s	+22° 50' 51.7"	57.78	0.2887025	0.7260284
09	04:32:20	20:58:42	-3.8	4.6	04h 50m 33.13s	+21° 56' 05.7"	57.50	0.2900865	0.7263599
12	04:20:09	20:33:30	-4.0	9.3	04h 43m 23.95s	+21° 02' 06.2"	56.69	0.2942503	0.7266703
15	04:08:18	20:09:55	-4.1	13.8	04h 37m 09.85s	+20° 11' 14.8"	55.40	0.3010611	0.7269575
18	03:56:53	19:48:21	-4.2	18.0	04h 32m 07.23s	+19° 25' 33.1"	53.75	0.3103261	0.7272195
21	03:45:57	19:29:03	-4.3	21.8	04h 28m 26.19s	+18° 46' 29.6"	51.83	0.3218149	0.7274545
24	03:35:31	19:12:05	-4.3	25.3	04h 26m 11.24s	+18° 14' 55.4"	49.75	0.3352820	0.7276608
27	03:25:36	18:57:25	-4.4	28.5	04h 25m 22.60s	+17° 51' 06.7"	47.59	0.3504847	0.7278372
30 jun	03:16:13	18:44:58	-4.4	31.2	04h 25m 57.68s	+17° 34' 51.8"	45.43	0.3671939	0.7279822