

Venus Express VeRa Occultation Season 15

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	equipot
1	2575	722	129	2013-05-09	E	03:54:00	05:01:18	32	11.6	59.1	196.7	97.88	18.95	6051.8	6051.8
2	2575	722	129	2013-05-09	I	03:54:00	05:01:18	32	11.2	41.8	196.7	101.39	18.98	6051.8	6051.8
3	2576	723	130	2013-05-10	E	03:51:00	05:00:57	32	15.4	61.7	198.3	97.12	18.90	6051.8	6051.8
4	2576	723	130	2013-05-10	I	03:51:00	05:00:57	32	14.1	34.5	198.3	102.62	18.99	6051.8	6051.8
5	2578	724	132	2013-05-12	I	03:49:00	04:29:28	32	19.3	22.7	201.5	104.94	19.05	6051.8	6051.8
6	2580	725	134	2013-05-14	E	03:48:00	05:01:16	32	27.6	70.6	204.8	95.58	18.92	6051.8	6051.8
7	2580	725	134	2013-05-14	I	03:48:00	05:01:16	32	24.5	13.3	204.7	106.58	19.12	6051.8	6051.8
8	2582	726	136	2013-05-16	I	03:56:20	04:38:02	32	29.8	4.9	208.0	107.76	19.18	6051.8	6051.8
9	2584	727	138	2013-05-18	E	03:57:30	05:14:08	32	39.9	75.2	211.2	94.81	18.92	6051.8	6051.8
10	2584	727	138	2013-05-18	I	03:57:30	05:14:08	32	35.0	-2.8	211.2	108.57	19.24	6051.8	6051.8
11	2586	728	140	2013-05-20	I	03:58:30	04:41:34	32	40.3	-10.0	214.4	109.02	19.31	6051.8	6051.8
12	2588	729	142	2013-05-22	E	03:59:30	05:19:23	32	52.7	78.5	217.7	94.24	18.90	6051.8	6051.8
13	2588	729	142	2013-05-22	I	03:59:30	05:19:23	32	45.5	-16.8	217.7	109.15	19.37	6051.8	6051.8
14	2590	730	144	2013-05-24	I	04:00:40	04:45:19	32	50.8	-23.4	220.9	108.98	19.44	6051.8	6051.8
15	2592	731	146	2013-05-26	E	04:02:00	05:24:38	32	66.0	81.1	224.2	93.75	18.84	6051.8	6051.8
16	2592	731	146	2013-05-26	I	04:02:00	05:24:38	32	56.0	-29.6	224.2	108.51	19.50	6051.8	6051.8
17	2594	732	148	2013-05-28	I	04:03:10	04:49:17	32	61.1	-35.7	227.4	107.76	19.57	6051.8	6051.8
18	2596	733	150	2013-05-30	E	04:04:20	05:29:54	32	80.3	83.2	230.7	93.29	18.71	6051.8	6051.8
19	2596	733	150	2013-05-30	I	04:04:20	05:29:54	32	66.3	-41.6	230.7	106.76	19.64	6051.8	6051.8
20	2598	734	152	2013-06-01	I	04:06:00	04:53:31	32	71.3	-47.3	233.9	105.51	19.72	6051.8	6051.8
21	2600	735	154	2013-06-03	E	04:08:00	05:35:12	32	96.3	84.9	237.2	92.85	18.48	6051.8	6051.8
22	2600	735	154	2013-06-03	I	04:08:00	05:35:13	32	76.4	-52.9	237.2	104.03	19.80	6051.8	6051.8
23	2602	736	156	2013-06-05	I	04:09:20	04:58:01	32	81.3	-58.5	240.4	102.34	19.89	6051.8	6051.8
24	2604	737	158	2013-06-07	E	04:14:00	05:32:25	32	115.3	86.4	243.7	92.40	18.03	6051.8	6051.8
25	2604	737	158	2013-06-07	I	04:13:30	05:32:25	32	86.0	-63.9	243.6	100.46	19.99	6051.8	6051.8
26	2606	738	160	2013-06-09	I	04:16:20	04:56:08	32	90.4	-69.2	246.9	98.40	20.11	6051.8	6051.8
27	2608	739	162	2013-06-11	E	04:19:30	05:41:03	32	142.8	87.8	250.2	91.94	17.03	6051.8	6051.8
28	2608	739	162	2013-06-11	I	04:19:30	05:41:03	32	94.2	-74.5	250.1	96.17	20.27	6051.8	6051.8
29	2610	740	164	2013-06-13	I	04:21:30	05:05:00	32	96.4	-79.8	253.4	93.80	20.54	6051.8	6051.8
30	2612	741	166	2013-06-15	E	04:24:00	05:50:11	32	182.1	88.4	256.7	91.50	15.24	6051.8	6051.8
31	2612	741	166	2013-06-15	I	04:24:00	05:50:11	32	92.4	-84.8	256.6	91.29	21.22	6051.8	6051.8
32	2616	743	170	2013-06-19	E	04:28:25	05:59:20	32	227.7	88.4	263.2	91.11	13.03	6051.8	6051.8
33	2622	746	176	2013-06-25	I	04:34:28	05:24:21	32	322.0	-68.8	272.9	77.17	7.98	6051.8	6051.8
34	2624	747	178	2013-06-27	E	04:38:03	06:07:01	32	300.1	87.3	276.2	90.38	9.86	6051.8	6051.8
35	2624	747	178	2013-06-27	I	04:38:03	06:07:01	32	326.5	-63.5	276.1	74.12	8.10	6051.8	6051.8
36	2628	748	182	2013-07-01	E	04:44:50	06:12:16	32	312.2	85.9	282.7	89.09	9.88	6051.8	6051.8
37	2628	748	182	2013-07-01	I	04:44:30	06:12:15	32	336.1	-52.8	282.6	67.92	8.29	6051.8	6051.8
38	2630	749	184	2013-07-03	I	04:48:24	05:36:33	32	341.1	-47.4	285.9	64.82	8.37	6051.8	6051.8
39	2632	750	186	2013-07-05	E	04:51:43	06:17:30	32	328.6	84.8	289.2	88.29	9.62	6051.8	6051.8
40	2632	750	186	2013-07-05	I	04:52:03	06:17:31	32	346.2	-41.9	289.1	61.75	8.44	6051.8	6051.8
41	2634	751	188	2013-07-07	I	04:55:47	05:42:56	32	351.3	-36.2	292.4	58.76	8.52	6051.8	6051.8
42	2636	752	190	2013-07-09	E	04:59:16	06:22:44	32	343.3	83.6	295.6	87.36	9.46	6051.8	6051.8
43	2636	752	190	2013-07-09	I	04:59:36	06:22:45	32	356.4	-30.5	295.6	55.89	8.59	6051.8	6051.8
44	2638	753	192	2013-07-11	I	05:03:28	05:49:30	32	1.6	-24.6	298.9	53.21	8.66	6051.8	6051.8
45	2640	754	194	2013-07-13	E	05:07:25	06:27:57	32	357.2	82.2	302.1	86.24	9.37	6051.8	6051.8
46	2640	754	194	2013-07-13	I	05:07:25	06:27:57	32	6.8	-18.5	302.1	50.80	8.72	6051.8	6051.8
47	2656	756	210	2013-07-29	E	05:40:57	06:49:51	32	49.4	65.7	327.9	73.55	9.19	6051.8	6051.8
48	2656	756	210	2013-07-29	I	05:40:57	06:49:51	32	48.7	47.8	327.9	60.95	9.24	6051.8	6051.8