

Venus Express VeRa Occultation Season 10

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	equipot
1	1736	403	21	2011-01-21	E	02:25:56	03:45:57	32	43.2	14.2	293.5	17.90	12.44	6051.8	6051.8
2	1736	403	21	2011-01-21	I	02:25:56	03:45:57	32	48.3	68.3	293.5	70.77	12.10	6051.8	6051.8
3	1738	405	23	2011-01-23	E	02:27:57	03:50:13	32	47.9	5.0	296.8	10.94	12.54	6051.8	6051.8
4	1738	405	23	2011-01-23	I	02:27:57	03:50:13	32	54.4	71.5	296.7	73.87	12.10	6051.8	6051.8
5	1740	406	25	2011-01-25	E	02:29:53	03:54:23	32	52.8	-3.3	300.0	9.49	12.63	6051.8	6051.8
6	1740	406	25	2011-01-25	I	02:29:53	03:54:23	32	60.5	74.0	300.0	76.24	12.11	6051.8	6051.8
7	1743	408	28	2011-01-28	E	02:32:47	04:00:32	32	60.1	-14.9	304.9	17.00	12.76	6051.8	6051.8
8	1743	408	28	2011-01-28	I	02:32:47	04:00:32	32	69.6	76.8	304.8	78.99	12.12	6051.8	6051.8
9	1744	409	29	2011-01-29	E	02:33:42	04:02:30	32	62.6	-18.6	306.5	20.25	12.80	6051.8	6051.8
10	1744	409	29	2011-01-29	I	02:33:42	04:02:30	32	72.7	77.6	306.4	79.76	12.12	6051.8	6051.8
11	1746	410	31	2011-01-31	E	02:35:36	04:06:26	32	67.5	-25.7	309.7	26.93	12.89	6051.8	6051.8
12	1746	410	31	2011-01-31	I	02:35:36	04:06:26	32	78.9	79.1	309.7	81.15	12.12	6051.8	6051.8
13	1748	411	33	2011-02-02	E	02:37:31	04:10:16	32	72.5	-32.6	312.9	33.63	12.97	6051.8	6051.8
14	1748	411	33	2011-02-02	I	02:37:31	04:10:16	32	85.2	80.4	312.9	82.37	12.12	6051.8	6051.8
15	1750	412	35	2011-02-04	E	02:39:31	04:14:02	32	77.4	-39.4	316.2	40.25	13.05	6051.8	6051.8
16	1750	412	35	2011-02-04	I	02:39:31	04:14:02	32	91.7	81.6	316.1	83.48	12.10	6051.8	6051.8
17	1753	413	38	2011-02-07	E	02:42:30	04:19:23	32	84.8	-49.3	321.0	50.02	13.18	6051.8	6051.8
18	1753	413	38	2011-02-07	I	02:42:30	04:19:23	32	102.0	83.3	321.0	85.00	12.03	6051.8	6051.8
19	1758	415	43	2011-02-12	E	02:47:25	04:27:20	32	96.6	-65.4	329.1	65.87	13.43	6051.8	6051.8
20	1758	415	43	2011-02-12	I	02:47:25	04:27:20	32	122.0	85.9	329.0	87.24	11.72	6051.8	6051.8
21	1765	416	50	2011-02-19	E	03:40:51	04:36:25	32	90.2	-87.3	340.3	87.37	15.29	6051.8	6051.8
22	1768	417	53	2011-02-22	E	02:56:59	04:39:22	32	315.4	-82.7	345.1	96.41	0.89	6051.8	6051.8
23	1768	417	53	2011-02-22	I	02:57:29	04:39:26	32	261.8	88.4	345.1	91.32	4.47	6051.8	6051.8
24	1771	418	56	2011-02-25	E	03:00:29	04:41:51	32	317.8	-73.1	349.9	105.35	1.36	6051.8	6051.8
25	1771	418	56	2011-02-25	I	03:00:29	04:41:51	32	293.8	87.1	349.9	92.57	2.95	6051.8	6051.8
26	1773	419	58	2011-02-27	E	03:02:25	04:43:06	32	321.9	-66.6	353.1	111.25	1.49	6051.8	6051.8
27	1773	419	58	2011-02-27	I	03:02:25	04:43:06	32	305.8	86.0	353.1	93.43	2.56	6051.8	6051.8
28	1775	420	60	2011-03-01	E	03:04:25	04:44:10	32	326.5	-60.0	356.3	117.08	1.59	6051.8	6051.8
29	1775	420	60	2011-03-01	I	03:04:25	04:44:10	32	315.2	84.9	356.3	94.34	2.34	6051.8	6051.8
30	1777	421	62	2011-03-03	E	03:06:27	04:45:00	32	331.4	-53.2	359.5	122.81	1.68	6051.8	6051.8
31	1777	421	62	2011-03-03	I	03:06:27	04:45:00	32	323.2	83.7	359.5	95.29	2.22	6051.8	6051.8
32	1781	423	66	2011-03-07	E	03:10:00	04:45:53	32	341.5	-39.1	5.9	133.78	1.82	6051.8	6051.8
33	1781	423	66	2011-03-07	I	03:10:30	04:45:57	32	337.0	81.0	5.9	97.41	2.12	6051.8	6051.8
34	1790	427	75	2011-03-16	E	03:19:31	04:45:00	32	5.1	-2.8	20.2	148.52	2.10	6051.8	6051.8
35	1790	427	75	2011-03-16	I	03:19:31	04:45:00	32	4.1	71.6	20.2	104.59	2.16	6051.8	6051.8
36	1792	428	77	2011-03-18	E	03:21:32	04:44:21	32	10.4	7.2	23.4	146.75	2.15	6051.8	6051.8
37	1792	428	77	2011-03-18	I	03:21:32	04:44:21	32	9.8	68.0	23.4	107.33	2.19	6051.8	6051.8
38	1797	431	82	2011-03-23	E	03:26:29	04:42:21	32	23.8	45.1	31.3	124.47	2.28	6051.8	6051.8
39	1797	431	82	2011-03-23	I	03:26:29	04:42:21	32	23.7	50.1	31.3	120.80	2.28	6051.8	6051.8