

Venus Express VeRa Occultation Season 3

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	equipot
1	370	96	116	2007-04-26	E	05:27:22	06:39:53	32	5.7	55.1	264.9	122.88	22.13	6051.8	6051.8
2	370	96	116	2007-04-26	I	05:27:22	06:39:53	32	2.9	26.4	264.8	146.07	22.32	6051.8	6051.8
3	376	99	122	2007-05-02	E	05:14:16	06:33:53	32	26.0	70.7	274.6	109.32	22.02	6051.8	6051.8
4	376	99	122	2007-05-02	I	05:14:16	06:33:53	32	16.7	-7.5	274.6	157.29	22.64	6051.8	6051.8
5	380	101	126	2007-05-06	E	05:16:24	06:40:44	32	39.8	75.5	281.1	104.98	21.93	6051.8	6051.8
6	380	101	126	2007-05-06	I	05:16:24	06:40:44	32	26.1	-23.8	281.1	148.64	22.84	6051.8	6051.8
7	381	102	127	2007-05-07	E	05:20:00	06:35:00	43	43.4	76.5	282.7	104.08	21.90	6051.8	6051.8
8	381	102	127	2007-05-07	I	05:20:00	06:35:00	43	28.5	-27.6	282.7	145.84	22.89	6051.8	6051.8
9	384	104	130	2007-05-10	E	05:29:26	06:57:46	32	54.6	79.0	287.6	101.66	21.78	6051.8	6051.8
10	384	104	130	2007-05-10	I	05:29:26	06:57:46	32	35.4	-38.5	287.6	136.96	23.05	6051.8	6051.8
11	386	105	132	2007-05-12	E	05:31:31	07:00:35	32	66.7	82.1	290.8	98.56	21.38	6051.8	6051.8
12	386	105	132	2007-05-12	I	05:31:31	07:00:35	32	39.8	-46.1	290.8	130.22	23.17	6051.8	6051.8
13	388	106	134	2007-05-14	E	05:30:48	07:01:17	32	75.8	83.2	294.1	97.47	21.20	6051.8	6051.8
14	388	106	134	2007-05-14	I	05:31:18	07:01:25	32	44.1	-52.6	294.0	124.25	23.30	6051.8	6051.8
15	390	107	136	2007-05-16	E	05:30:14	07:01:57	32	85.7	84.1	297.3	96.44	20.95	6051.8	6051.8
16	390	107	136	2007-05-16	I	05:30:14	07:01:57	32	48.2	-59.0	297.3	118.29	23.44	6051.8	6051.8
17	392	108	138	2007-05-18	E	05:30:30	07:02:50	32	96.8	85.0	300.6	95.45	20.62	6051.8	6051.8
18	392	108	138	2007-05-18	I	05:30:30	07:02:50	32	51.7	-65.2	300.5	112.35	23.62	6051.8	6051.8
19	394	109	140	2007-05-20	E	05:30:23	07:03:31	32	109.9	85.7	303.8	94.49	20.16	6051.8	6051.8
20	394	109	140	2007-05-20	I	05:30:23	07:03:31	32	54.4	-71.4	303.7	106.43	23.85	6051.8	6051.8
21	396	110	142	2007-05-22	E	05:30:27	07:04:10	32	125.4	86.3	307.0	93.54	19.54	6051.8	6051.8
22	396	110	142	2007-05-22	I	05:30:27	07:04:10	32	55.0	-77.3	307.0	100.55	0.22	6051.8	6051.8
23	398	111	144	2007-05-24	E	05:30:44	07:04:47	32	144.1	86.8	310.2	92.60	18.71	6051.8	6051.8
24	398	111	144	2007-05-24	I	05:30:44	07:04:47	32	48.5	-83.0	310.2	94.70	1.07	6051.8	6051.8
25	400	113	146	2007-05-26	E	05:31:15	07:05:30	32	165.8	87.0	313.5	91.66	17.67	6051.8	6051.8
26	400	113	146	2007-05-26	I	05:31:15	07:05:30	32	356.2	-87.0	313.4	88.88	4.97	6051.8	6051.8
27	402	115	148	2007-05-28	E	05:31:59	07:06:13	32	188.8	87.0	316.7	90.71	16.55	6051.8	6051.8
28	402	115	148	2007-05-28	I	05:31:59	07:06:13	32	291.4	-83.8	316.6	83.08	9.70	6051.8	6051.8
29	404	116	150	2007-05-30	E	05:32:53	07:06:53	32	210.1	86.7	319.9	89.73	15.54	6051.8	6051.8
30	404	116	150	2007-05-30	I	05:32:53	07:06:53	32	282.6	-78.3	319.9	77.30	10.70	6051.8	6051.8
31	406	118	152	2007-06-01	E	05:33:28	07:07:25	32	228.2	86.2	323.1	88.73	14.75	6051.8	6051.8
32	406	118	152	2007-06-01	I	05:33:28	07:07:25	32	282.6	-72.6	323.1	71.54	11.11	6051.8	6051.8
33	408	119	154	2007-06-03	E	05:35:14	07:08:10	32	243.0	85.5	326.4	87.69	14.18	6051.8	6051.8
34	408	119	154	2007-06-03	I	05:35:14	07:08:10	32	285.1	-66.9	326.3	65.78	11.37	6051.8	6051.8
35	412	122	158	2007-06-07	E	05:38:17	07:09:26	32	266.0	83.8	332.8	85.46	13.47	6051.8	6051.8
36	412	122	158	2007-06-07	I	05:38:17	07:09:26	32	292.2	-55.4	332.8	54.28	11.71	6051.8	6051.8
37	418	125	164	2007-06-13	E	05:44:01	07:11:26	32	291.4	80.4	342.4	81.51	13.01	6051.8	6051.8
38	418	125	164	2007-06-13	I	05:44:01	07:11:26	32	304.9	-37.8	342.4	37.02	12.10	6051.8	6051.8
39	420	126	166	2007-06-15	E	05:46:14	07:12:08	32	298.6	79.0	345.6	79.97	12.94	6051.8	6051.8
40	420	126	166	2007-06-15	I	05:46:14	07:12:08	32	309.3	-31.8	345.6	31.30	12.22	6051.8	6051.8
41	422	127	168	2007-06-17	E	05:48:32	07:12:49	32	305.4	77.4	348.8	78.27	12.90	6051.8	6051.8
42	422	127	168	2007-06-17	I	05:48:32	07:12:49	32	313.7	-25.7	348.8	25.65	12.34	6051.8	6051.8
43	424	128	170	2007-06-19	E	05:50:56	07:13:31	32	311.8	75.6	352.0	76.38	12.88	6051.8	6051.8
44	424	128	170	2007-06-19	I	05:50:56	07:13:31	32	318.1	-19.4	352.0	20.20	12.45	6051.8	6051.8
45	427	129	173	2007-06-22	E	05:54:40	07:14:31	32	320.8	72.4	356.8	73.06	12.89	6051.8	6051.8
46	427	129	173	2007-06-22	I	05:54:40	07:14:31	32	324.8	-9.7	356.8	13.31	12.62	6051.8	6051.8
47	430	130	176	2007-06-25	E	06:01:41	07:15:30	32	329.3	68.3	1.6	68.88	12.94	6051.8	6051.8
48	430	130	176	2007-06-25	I	06:01:41	07:15:30	32	331.5	0.8	1.6	11.92	12.79	6051.8	6051.8