

Venus Express VeRa Occultation Season 12

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	equipot
1	2034	523	319	2011-11-15	E	07:30:22	08:53:13	32	125.3	27.6	51.1	118.42	20.25	6051.8	6051.8
2	2034	523	319	2011-11-15	I	07:30:22	08:53:13	32	124.2	49.2	51.1	110.27	20.32	6051.8	6051.8
3	2035	524	320	2011-11-16	E	07:32:52	08:57:27	32	128.4	17.4	52.7	121.27	20.25	6051.8	6051.8
4	2035	524	320	2011-11-16	I	07:32:52	08:57:27	32	126.3	56.1	52.7	107.23	20.39	6051.8	6051.8
5	2037	525	322	2011-11-18	E	07:37:22	09:06:13	32	134.3	3.5	55.9	123.75	20.27	6051.8	6051.8
6	2037	525	322	2011-11-18	I	07:37:22	09:06:13	32	130.8	63.4	55.9	103.76	20.50	6051.8	6051.8
7	2039	526	324	2011-11-20	E	07:42:50	09:14:03	32	140.1	-7.6	59.0	124.33	20.29	6051.8	6051.8
8	2039	526	324	2011-11-20	I	07:42:50	09:14:03	32	135.3	68.2	59.0	101.40	20.61	6051.8	6051.8
9	2040	527	325	2011-11-21	E	07:45:19	09:18:05	32	143.0	-12.7	60.6	124.13	20.30	6051.8	6051.8
10	2040	527	325	2011-11-21	I	07:45:19	09:18:05	32	137.5	70.1	60.6	100.43	20.67	6051.8	6051.8
11	2042	528	327	2011-11-23	E	07:50:16	09:25:57	32	148.8	-22.1	63.8	122.99	20.32	6051.8	6051.8
12	2042	528	327	2011-11-23	I	07:50:16	09:25:57	32	141.8	73.3	63.8	98.73	20.79	6051.8	6051.8
13	2044	529	329	2011-11-25	E	07:55:14	09:33:35	32	154.7	-30.9	67.0	121.02	20.34	6051.8	6051.8
14	2044	529	329	2011-11-25	I	07:55:14	09:33:35	32	145.8	76.0	66.9	97.27	20.93	6051.8	6051.8
15	2046	530	331	2011-11-27	E	08:00:10	09:40:55	32	160.6	-39.2	70.1	118.40	20.36	6051.8	6051.8
16	2046	530	331	2011-11-27	I	08:00:10	09:40:55	32	149.6	78.3	70.1	95.96	21.08	6051.8	6051.8
17	2049	531	334	2011-11-30	E	08:07:36	09:51:23	32	169.6	-51.2	74.9	113.51	20.37	6051.8	6051.8
18	2049	531	334	2011-11-30	I	08:07:36	09:51:23	32	154.3	81.3	74.8	94.19	21.39	6051.8	6051.8
19	2054	532	339	2011-12-05	E	08:19:55	10:07:07	32	186.2	-70.1	82.8	103.57	20.29	6051.8	6051.8
20	2054	532	339	2011-12-05	I	08:19:55	10:07:07	32	155.5	85.4	82.8	91.54	22.33	6051.8	6051.8
21	2055	533	340	2011-12-06	E	08:22:17	10:09:05	32	190.3	-73.8	84.4	101.39	20.22	6051.8	6051.8
22	2055	533	340	2011-12-06	I	08:22:17	10:09:05	32	153.2	86.1	84.3	91.04	22.68	6051.8	6051.8
23	2058	534	343	2011-12-09	E	08:29:15	10:18:06	32	212.5	-84.5	89.2	94.54	19.35	6051.8	6051.8
24	2058	534	343	2011-12-09	I	08:29:45	10:18:07	32	130.4	87.8	89.1	89.54	0.82	6051.8	6051.8
25	2059	535	344	2011-12-10	E	08:32:13	10:20:40	32	246.8	-87.5	90.7	92.17	17.27	6051.8	6051.8
26	2059	535	344	2011-12-10	I	08:32:13	10:20:40	32	113.9	88.0	90.7	89.04	2.12	6051.8	6051.8
27	2062	536	347	2011-12-13	E	08:31:57	10:20:04	32	11.1	-80.4	95.5	84.86	9.60	6051.8	6051.8
28	2062	536	347	2011-12-13	I	08:31:57	10:20:04	32	68.2	87.3	95.4	87.53	5.79	6051.8	6051.8
29	2063	537	348	2011-12-14	E	08:30:05	10:18:25	32	17.1	-76.8	97.1	82.37	9.40	6051.8	6051.8
30	2063	537	348	2011-12-14	I	08:30:05	10:18:25	32	61.4	86.8	97.0	87.02	6.44	6051.8	6051.8
31	2065	538	350	2011-12-16	E	08:27:22	10:14:52	32	25.6	-69.5	100.2	77.31	9.24	6051.8	6051.8
32	2065	538	350	2011-12-16	I	08:27:22	10:14:52	32	55.4	85.5	100.2	85.96	7.25	6051.8	6051.8
33	2068	540	353	2011-12-19	E	08:23:46	10:08:55	32	35.9	-58.4	105.0	69.61	9.17	6051.8	6051.8
34	2068	540	353	2011-12-19	I	08:23:46	10:08:55	32	54.8	83.3	104.9	84.27	7.91	6051.8	6051.8
35	2069	541	354	2011-12-20	E	08:21:54	10:06:45	32	39.0	-54.6	106.5	67.02	9.17	6051.8	6051.8
36	2069	541	354	2011-12-20	I	08:21:54	10:06:45	32	55.6	82.5	106.5	83.67	8.05	6051.8	6051.8
37	2071	542	356	2011-12-22	E	08:19:39	10:02:12	32	45.1	-47.0	109.7	61.87	9.17	6051.8	6051.8
38	2071	542	356	2011-12-22	I	08:19:09	10:02:11	32	58.2	80.9	109.7	82.40	8.29	6051.8	6051.8
39	2072	543	357	2011-12-23	E	08:18:18	09:59:50	32	48.1	-43.0	111.3	59.31	9.18	6051.8	6051.8
40	2072	543	357	2011-12-23	I	08:18:18	09:59:50	32	59.8	80.0	111.2	81.72	8.39	6051.8	6051.8
41	2074	544	359	2011-12-25	E	08:17:03	09:54:50	32	53.9	-35.0	114.5	54.32	9.19	6051.8	6051.8
42	2074	544	359	2011-12-25	I	08:17:03	09:54:50	32	63.3	78.1	114.4	80.24	8.56	6051.8	6051.8
43	2075	545	360	2011-12-26	E	08:50:46	09:52:14	32	56.8	-30.9	116.0	51.91	9.20	6051.8	6051.8
44	2077	546	362	2011-12-28	E	08:12:56	09:46:51	32	62.6	-22.3	119.2	47.42	9.23	6051.8	6051.8
45	2077	546	362	2011-12-28	I	08:12:56	09:46:51	32	69.2	74.7	119.2	77.63	8.78	6051.8	6051.8
46	2078	547	363	2011-12-29	E	08:11:34	09:44:05	32	65.4	-17.8	120.8	45.41	9.24	6051.8	6051.8
47	2078	547	363	2011-12-29	I	08:11:34	09:44:05	32	71.3	73.4	120.8	76.62	8.84	6051.8	6051.8
48	2081	549	1	2012-01-01	E	08:07:25	09:35:26	32	74.0	-3.2	125.5	41.05	9.29	6051.8	6051.8
49	2081	549	1	2012-01-01	I	08:07:25	09:35:26	32	77.9	68.5	125.5	72.84	9.02	6051.8	6051.8
50	2082	550	2	2012-01-02	E	08:06:03	09:32:29	32	76.8	2.1	127.1	40.46	9.30	6051.8	6051.8
51	2082	550	2	2012-01-02	I	08:06:03	09:32:29	32	80.2	66.4	127.1	71.23	9.08	6051.8	6051.8
52	2083	551	3	2012-01-03	E	08:04:40	09:29:29	32	79.7	8.0	128.7	40.53	9.31	6051.8	6051.8
53	2083	551	3	2012-01-03	I	08:04:40	09:29:29	32	82.4	63.9	128.7	69.29	9.13	6051.8	6051.8
54	2084	552	4	2012-01-04	E	08:03:17	09:26:28	32	82.5	14.5	130.3	41.49	9.33	6051.8	6051.8
55	2084	552	4	2012-01-04	I	08:03:17	09:26:28	32	84.7	60.7	130.3	66.91	9.18	6051.8	6051.8
56	2085	553	5	2012-01-05	E	08:01:54	09:23:25	32	85.4	22.3	131.9	43.77	9.34	6051.8	6051.8
57	2085	553	5	2012-01-05	I	08:01:54	09:23:25	32	86.9	56.4	131.9	63.65	9.24	6051.8	6051.8
58	2086	554	6	2012-01-06	E	08:00:31	09:20:22	32	88.7	33.5	133.5	49.05	9.32	6051.8	6051.8
59	2086	554	6	2012-01-06	I	08:00:31	09:20:22	32	89.5	49.3	133.5	58.83	9.27	6051.8	6051.8
60	2087	555	7	2012-01-07	E	07:58:32	09:16:50	32	91.4	42.3	135.1	53.85	9.35	6051.8	6051.8
61	2087	555	7	2012-01-07	I	07:58:32	09:16:50	32	91.6	46.0	135.1	56.24	9.34	6051.8	6051.8