

Venus Express VeRa Occultation Season 14

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	equipot
1	2445	693	365	2012-12-30	E	04:35:32	05:59:57	32	16.2	19.0	349.9	62.25	16.02	6051.8	6051.8
2	2445	693	365	2012-12-30	I	04:35:32	05:59:57	32	16.1	55.6	349.8	74.19	16.03	6051.8	6051.8
3	2446	695	366	2012-12-31	E	04:27:32	05:53:57	32	19.0	11.1	351.5	61.35	16.04	6051.8	6051.8
4	2446	695	366	2012-12-31	I	04:27:32	05:53:57	32	18.8	60.0	351.4	76.24	16.05	6051.8	6051.8
5	2447	697	1	2013-01-01	E	04:29:39	05:57:34	32	21.7	4.5	353.1	61.13	16.07	6051.8	6051.8
6	2447	697	1	2013-01-01	I	04:29:39	05:57:34	32	21.5	63.3	353.0	77.79	16.08	6051.8	6051.8
7	2448	698	2	2013-01-02	E	05:13:12	06:00:49	32	24.5	-1.4	354.7	61.34	16.09	6051.8	6051.8
8	2449	699	3	2013-01-03	E	04:32:35	06:04:01	32	27.2	-7.0	356.3	61.87	16.11	6051.8	6051.8
9	2449	699	3	2013-01-03	I	04:32:35	06:04:01	32	26.8	68.2	356.2	80.12	16.14	6051.8	6051.8
10	2450	700	4	2013-01-04	E	05:17:47	06:07:10	32	30.0	-12.2	357.9	62.65	16.13	6051.8	6051.8
11	2451	701	5	2013-01-05	E	04:35:30	06:10:14	32	32.8	-17.1	359.5	63.63	16.15	6051.8	6051.8
12	2451	701	5	2013-01-05	I	04:35:30	06:10:14	32	32.0	71.8	359.4	81.87	16.20	6051.8	6051.8
13	2452	702	6	2013-01-06	E	05:22:14	06:13:15	32	35.5	-21.9	1.1	64.77	16.17	6051.8	6051.8
14	2453	703	7	2013-01-07	E	04:38:27	06:16:13	32	38.3	-26.5	2.7	66.03	16.19	6051.8	6051.8
15	2453	703	7	2013-01-07	I	04:38:27	06:16:13	32	37.2	74.8	2.6	83.26	16.26	6051.8	6051.8
16	2454	704	8	2013-01-08	E	05:26:34	06:19:06	32	41.1	-31.0	4.3	67.40	16.22	6051.8	6051.8
17	2455	705	9	2013-01-09	E	04:41:23	06:21:54	32	43.8	-35.4	5.9	68.85	16.23	6051.8	6051.8
18	2455	705	9	2013-01-09	I	04:41:23	06:21:54	32	42.4	77.3	5.8	84.41	16.33	6051.8	6051.8
19	2456	706	10	2013-01-10	E	05:30:45	06:24:38	32	46.6	-39.6	7.5	70.37	16.25	6051.8	6051.8
20	2458	707	12	2013-01-12	E	04:45:47	06:29:50	32	52.2	-47.9	10.7	73.54	16.29	6051.8	6051.8
21	2458	707	12	2013-01-12	I	04:45:47	06:29:50	32	49.8	80.6	10.6	85.82	16.45	6051.8	6051.8
22	2460	708	14	2013-01-14	E	05:38:38	06:34:41	32	57.9	-56.0	13.8	76.81	16.32	6051.8	6051.8
23	2462	709	16	2013-01-16	E	04:51:41	06:39:12	32	63.6	-63.9	17.0	80.11	16.35	6051.8	6051.8
24	2462	709	16	2013-01-16	I	04:51:41	06:39:12	32	58.7	84.4	17.0	87.33	16.68	6051.8	6051.8
25	2467	710	21	2013-01-21	E	04:59:02	06:48:43	32	80.6	-83.2	25.0	88.09	16.25	6051.8	6051.8
26	2467	710	21	2013-01-21	I	04:59:02	06:48:43	32	58.7	88.4	24.9	88.77	17.70	6051.8	6051.8
27	2471	711	25	2013-01-25	E	05:12:12	07:02:52	32	263.9	-81.4	31.4	93.91	4.85	6051.8	6051.8
28	2471	711	25	2013-01-25	I	05:12:32	07:02:57	32	283.4	88.0	31.3	89.82	3.54	6051.8	6051.8
29	2474	712	28	2013-01-28	E	05:21:32	07:09:56	32	274.1	-69.8	36.1	97.71	4.78	6051.8	6051.8
30	2474	712	28	2013-01-28	I	05:21:32	07:09:56	32	283.0	85.5	36.1	90.52	4.18	6051.8	6051.8
31	2476	713	30	2013-01-30	E	05:27:32	07:14:56	32	280.1	-61.9	39.3	99.91	4.79	6051.8	6051.8
32	2476	713	30	2013-01-30	I	05:27:32	07:14:56	32	286.6	83.7	39.2	90.97	4.35	6051.8	6051.8
33	2478	714	32	2013-02-01	E	06:22:32	07:18:57	32	285.8	-53.9	42.5	101.80	4.82	6051.8	6051.8
34	2484	715	38	2013-02-07	E	05:31:32	07:10:56	32	302.7	-27.9	52.0	105.31	4.92	6051.8	6051.8
35	2484	715	38	2013-02-07	I	05:31:32	07:10:56	32	305.4	74.3	51.9	93.05	4.73	6051.8	6051.8
36	2486	716	40	2013-02-09	E	05:29:32	07:05:57	32	308.3	-18.4	55.1	105.59	4.95	6051.8	6051.8
37	2486	716	40	2013-02-09	I	05:29:32	07:05:57	32	310.5	71.3	55.1	93.63	4.80	6051.8	6051.8
38	2489	717	43	2013-02-12	E	05:26:32	06:56:56	32	316.7	-2.4	59.9	105.00	5.00	6051.8	6051.8
39	2489	717	43	2013-02-12	I	05:26:32	06:56:56	32	318.2	65.3	59.8	94.74	4.90	6051.8	6051.8
40	2490	718	44	2013-02-13	E	06:07:32	06:54:56	32	319.5	3.6	61.4	104.48	5.02	6051.8	6051.8
41	2491	719	45	2013-02-14	E	05:24:32	06:51:56	32	322.3	10.4	63.0	103.74	5.04	6051.8	6051.8
42	2491	719	45	2013-02-14	I	05:24:32	06:51:56	32	323.3	59.2	63.0	95.83	4.97	6051.8	6051.8
43	2492	720	46	2013-02-15	E	05:23:32	06:48:57	32	325.1	18.5	64.6	102.67	5.05	6051.8	6051.8
44	2492	720	46	2013-02-15	I	05:23:32	06:48:57	32	325.8	54.6	64.6	96.65	5.00	6051.8	6051.8
45	2493	721	47	2013-02-16	E	05:22:32	06:45:57	32	328.0	30.5	66.2	100.82	5.06	6051.8	6051.8
46	2493	721	47	2013-02-16	I	05:22:32	06:45:57	32	328.7	46.6	66.2	98.28	5.02	6051.8	6051.8