

Mars Express MaRS Occultation Season 11

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	aeroid
1	7904	2601	62	2010-03-03	I	18:49:00	19:14:12	63	19.9	-68.2	59.2	93.00	14.26	3381.9	3380.8
2	7919	2348	67	2010-03-08	I	03:24:00	03:34:38	15	293.1	-68.6	61.1	93.20	14.04	3381.4	3380.5
3	7920	2350	67	2010-03-08	I	10:22:00	10:32:02	15	191.4	-68.6	61.2	93.20	14.03	3380.5	3380.6
4	7933	2353	71	2010-03-12	I	04:43:03	04:57:42	15	308.7	-68.7	62.9	93.20	13.88	3381.4	3380.5
5	7937	2355	72	2010-03-13	I	08:32:03	08:47:09	15	261.9	-68.7	63.4	93.20	13.84	3381.9	3380.5
6	7941	2357	73	2010-03-14	I	12:13:42	12:36:35	32	215.0	-68.7	63.9	93.20	13.79	3382.8	3380.6
7	7957	2365	78	2010-03-19	I	03:39:03	03:54:34	15	27.9	-68.3	65.9	93.00	13.66	3381.8	3380.8
8	7965	2368	80	2010-03-21	I	11:10:51	11:33:32	32	294.4	-68.1	66.9	92.80	13.59	3381.5	3380.6
9	7989	2375	87	2010-03-28	I	11:00:44	11:23:44	32	1.9	-67.0	70.0	92.00	13.45	3382.2	3381.0
10	7991	2376	88	2010-03-29	I	01:08:03	01:23:14	15	157.4	-66.9	70.2	92.00	13.44	3382.1	3381.1
11	7999	2378	90	2010-03-31	I	08:58:02	09:20:54	32	59.8	-66.5	71.3	91.60	13.40	3381.9	3381.3
12	8027	2386	98	2010-04-08	I	13:00:53	13:13:04	32	78.6	-64.7	74.8	90.30	13.30	3382.3	3381.7
13	8029	2388	99	2010-04-09	I	02:57:04	03:12:26	15	234.2	-64.6	75.1	90.20	13.29	3383.6	3381.4
14	8034	2391	100	2010-04-10	I	13:48:08	14:11:03	32	83.3	-64.3	75.7	89.90	13.28	3382.9	3381.8
15	8036	2393	101	2010-04-11	I	03:55:03	04:10:27	15	239.0	-64.1	76.0	89.80	13.27	3383.8	3381.5
16	8037	2394	101	2010-04-11	I	10:47:08	11:10:09	32	136.8	-64.1	76.1	89.70	13.27	3383.5	3381.8
17	8051	2399	105	2010-04-15	I	12:43:37	13:06:29	32	146.5	-63.1	77.9	88.90	13.24	3383.3	3382.0
18	8053	2400	106	2010-04-16	I	02:51:03	03:05:59	15	302.1	-62.9	78.1	88.80	13.23	3382.8	3381.7
19	8058	2404	107	2010-04-17	I	13:41:50	14:04:39	32	151.3	-62.6	78.8	88.50	13.22	3384.4	3382.1
20	8081	2411	114	2010-04-24	I	06:43:03	06:58:09	15	321.7	-60.9	81.7	87.00	13.18	3382.6	3382.3
21	8082	2413	114	2010-04-24	I	13:35:05	13:57:49	32	219.6	-60.9	81.8	87.00	13.18	3383.6	3382.3
22	8106	2417	121	2010-05-01	I	13:27:56	13:53:03	32	288.2	-59.1	84.9	85.40	13.16	3383.6	3382.7
23	8130	2422	128	2010-05-08	I	13:21:07	13:46:51	32	356.8	-57.5	88.0	83.90	13.13	3384.7	3383.3
24	8133	2424	129	2010-05-09	I	10:20:16	10:45:52	32	50.5	-57.2	88.4	83.60	13.14	3384.1	3383.6
25	8157	2434	136	2010-05-16	I	10:14:05	10:39:12	32	119.1	-55.7	91.4	82.20	13.13	3385.5	3384.1
26	8164	2436	138	2010-05-18	I	11:12:05	11:37:47	32	124.2	-55.2	92.3	81.70	13.13	3383.3	3384.1
27	8178	2439	142	2010-05-22	I	13:07:39	13:33:26	32	134.6	-54.4	94.2	80.90	13.13	3386.1	3384.4
28	8188	2444	145	2010-05-25	I	11:04:44	11:30:29	32	193.4	-53.8	95.4	80.20	13.13	3385.5	3384.2
29	8195	2446	147	2010-05-27	I	12:02:34	12:28:23	32	198.6	-53.4	96.4	79.80	13.14	3385.9	3384.4
30	8205	2450	150	2010-05-30	I	09:59:34	10:25:20	32	257.5	-52.9	97.7	79.30	13.14	3387.1	3384.7
31	8212	2452	152	2010-06-01	I	10:57:32	11:23:16	32	262.7	-52.5	98.6	78.90	13.15	3387.4	3384.7
32	8219	2454	154	2010-06-03	I	11:55:42	12:21:24	32	267.9	-52.2	99.5	78.50	13.16	3386.6	3384.9
33	8226	2456	156	2010-06-05	I	12:54:01	13:22:47	32	273.1	-51.8	100.4	78.10	13.17	3386.3	3384.9
34	8229	2458	157	2010-06-06	I	09:53:21	10:19:48	32	326.8	-51.6	100.8	77.90	13.17	3383.3	3384.8
35	8253	2466	164	2010-06-13	I	09:46:51	10:12:31	32	36.2	-50.5	103.9	76.60	13.21	3385.9	3385.5
36	8256	2467	165	2010-06-14	I	06:45:56	07:11:43	32	90.1	-50.3	104.3	76.40	13.22	3383.7	3385.6
37	8267	2472	168	2010-06-17	I	11:42:30	12:08:11	32	47.1	-49.8	105.8	75.80	13.25	3383.0	3385.7
38	8273	2474	170	2010-06-19	I	05:40:21	06:06:08	32	154.6	-49.6	106.6	75.60	13.26	3386.6	3385.6
39	8274	2475	170	2010-06-19	I	12:40:07	13:05:57	32	52.7	-49.4	106.7	75.40	13.28	3381.3	3385.8
40	8297	2483	177	2010-06-26	I	05:33:22	05:59:04	32	224.8	-48.5	109.7	74.30	13.33	3388.3	3385.9
41	8301	2486	178	2010-06-27	I	09:32:06	09:57:46	32	176.6	-48.3	110.3	74.10	13.35	3387.0	3385.8