

Mars Express MaRS Occultation Season 10

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	aeroid
1	7334	2110	263	2009-09-20	I	19:30:00	20:01:55	14	155.9	-11.3	341.6	52.10	8.48	3395.1	3394.8
2	7335	2112	264	2009-09-21	I	02:29:25	02:54:05	32	56.8	-15.4	341.8	51.40	8.53	3396.6	3395.0
3	7338	2113	264	2009-09-21	I	23:05:52	23:30:32	32	117.2	-22.2	342.2	50.80	8.63	3395.2	3393.5
4	7342	2116	266	2009-09-23	I	02:36:47	03:01:21	32	77.1	-29.0	342.8	50.90	8.74	3389.7	3392.0
5	7345	2117	266	2009-09-23	I	23:15:53	23:40:30	32	136.8	-33.4	343.3	51.30	8.82	3391.5	3390.5
6	7352	2121	268	2009-09-25	I	23:28:36	23:53:15	32	155.8	-41.6	344.3	52.80	9.02	3389.9	3387.9
7	7359	2127	270	2009-09-27	I	23:42:56	00:07:28	32	174.7	-48.4	345.4	54.90	9.23	3388.1	3385.9
8	7366	2130	273	2009-09-29	I	23:58:50	00:22:44	32	193.9	-54.2	346.4	57.20	9.49	3385.4	3384.1
9	7373	2136	275	2009-10-02	I	00:15:02	00:38:48	32	213.8	-59.4	347.5	59.70	9.79	3384.1	3382.7
10	7380	2141	277	2009-10-04	I	00:31:12	00:55:22	32	234.6	-63.9	348.5	62.30	10.17	3383.6	3381.6
11	7382	2143	277	2009-10-04	I	14:07:00	14:41:42	15	35.1	-65.1	348.8	63.00	10.30	3382.8	3381.5
12	7383	2144	277	2009-10-04	I	21:12:14	21:36:35	32	295.4	-65.7	349.0	63.40	10.37	3382.0	3381.1
13	7387	2148	279	2009-10-06	I	00:47:56	01:12:27	32	256.9	-67.9	349.6	64.90	10.66	3382.1	3380.7
14	7394	2155	281	2009-10-08	I	01:05:39	01:30:07	32	281.2	-71.2	350.6	67.50	11.29	3380.3	3380.0
15	7397	2156	281	2009-10-08	I	21:47:30	22:12:08	32	343.7	-72.3	351.0	68.60	11.61	3381.4	3379.9
16	7404	2161	283	2009-10-10	I	22:05:43	22:30:21	32	11.8	-74.5	352.1	71.30	12.51	3381.1	3379.6
17	7411	2165	285	2009-10-12	I	22:24:11	22:48:45	32	42.3	-75.6	353.1	73.90	13.56	3381.0	3379.5
18	7413	2167	286	2009-10-13	I	12:00:00	12:35:43	15	205.4	-75.7	353.4	74.70	13.88	3381.2	3379.4
19	7425	2171	289	2009-10-16	I	23:01:55	23:26:26	32	102.7	-74.6	355.2	79.20	15.65	3382.3	3379.7
20	7428	2173	290	2009-10-17	I	19:44:31	20:09:00	32	165.8	-73.8	355.6	80.30	16.02	3381.4	3379.7
21	7432	2178	291	2009-10-18	I	23:21:06	23:45:40	32	129.2	-72.7	356.2	81.70	16.46	3380.9	3380.0
22	7434	2182	292	2009-10-19	I	12:58:00	13:32:41	15	290.4	-72.1	356.5	82.40	16.64	3380.8	3379.8
23	7439	2185	293	2009-10-20	I	23:10:44	00:05:23	32	152.9	-70.4	357.2	84.30	17.08	3381.5	3380.4
24	7441	2186	294	2009-10-21	I	13:17:00	13:52:05	15	313.5	-69.7	357.5	85.00	17.22	3381.5	3380.3
25	7444	2188	295	2009-10-22	I	10:00:00	10:34:43	15	14.3	-68.5	357.9	86.10	17.44	3381.8	3380.7
26	7446	2189	295	2009-10-22	I	23:30:44	00:24:52	32	174.5	-67.8	358.2	86.80	17.56	3382.6	3380.8
27	7451	2192	297	2009-10-24	I	10:19:00	10:54:12	15	34.6	-65.8	358.9	88.60	17.84	3381.9	3381.3
28	7453	2194	297	2009-10-24	I	23:50:12	00:44:29	32	194.4	-65.0	359.2	89.30	17.93	3382.1	3381.4
29	7460	2196	299	2009-10-27	I	00:10:10	01:04:06	32	213.2	-62.0	0.2	91.70	18.23	3383.0	3382.0
30	7463	2197	300	2009-10-27	I	20:53:23	21:46:52	32	272.4	-60.8	0.6	92.70	18.34	3383.6	3382.3
31	7467	2199	301	2009-10-29	I	00:29:14	01:23:53	32	231.1	-59.1	1.2	94.10	18.47	3384.9	3382.8
32	7470	2201	302	2009-10-29	I	21:12:47	22:06:41	32	290.0	-57.8	1.6	95.10	18.56	3383.7	3383.1
33	7474	2202	303	2009-10-31	I	00:49:14	01:43:47	32	248.4	-56.1	2.2	96.40	18.68	3385.2	3383.7
34	7477	2205	304	2009-10-31	I	21:32:28	22:26:38	32	307.0	-54.9	2.6	97.40	18.75	3384.8	3383.9
35	7480	2206	305	2009-11-01	I	23:27:43	02:02:02	32	265.1	-53.1	3.2	98.70	18.85	3387.0	3384.6
36	7483	2208	306	2009-11-02	I	20:11:51	22:44:56	32	323.6	-51.8	3.6	99.60	18.91	3382.3	3384.7
37	7487	2209	307	2009-11-03	I	23:46:05	02:22:04	32	281.5	-50.1	4.2	100.90	18.99	3387.1	3385.4
38	7490	2210	308	2009-11-04	I	20:31:04	23:04:59	32	339.9	-48.9	4.6	101.80	19.05	3386.1	3385.7
39	7497	2213	310	2009-11-06	I	20:47:16	23:25:04	32	355.9	-45.9	5.6	103.90	19.17	3387.8	3386.7
40	7504	2215	312	2009-11-08	I	21:06:45	23:45:11	32	11.7	-43.0	6.6	105.80	19.28	3389.8	3387.6
41	7511	2217	314	2009-11-10	I	21:23:23	00:05:13	32	27.3	-40.1	7.6	107.70	19.37	3391.2	3388.6
42	7514	2218	315	2009-11-11	I	18:32:43	20:48:08	32	85.4	-38.8	8.0	108.60	19.42	3384.0	3389.1
43	7518	2219	316	2009-11-12	I	22:36:14	00:25:17	32	42.8	-37.2	8.6	109.50	19.46	3388.8	3389.5