

Mars Express MaRS Occultation Season 2

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	aeroid
1	1143	216	343	2004-12-08	I	22:22:55	22:50:55	32	177.8	-22.6	126.3	78.00	7.54	3393.6	3392.8
2	1150	218	345	2004-12-10	I	21:19:19	21:49:34	32	216.3	-35.3	127.2	81.00	7.82	3391.1	3389.8
3	1154	221	347	2004-12-12	I	00:11:36	00:41:37	32	186.0	-40.4	127.8	82.30	7.95	3389.1	3388.1
4	1155	222	347	2004-12-12	I	06:54:43	07:24:38	32	88.3	-41.5	127.9	82.70	7.98	3383.3	3388.4
5	1158	223	348	2004-12-13	I	03:05:20	03:34:41	32	155.4	-44.8	128.3	83.60	8.08	3387.7	3387.0
6	1162	225	349	2004-12-14	I	05:57:30	06:27:30	32	124.7	-48.9	128.9	84.90	8.21	3387.3	3386.1
7	1176	231	352	2004-12-17	I	21:32:28	21:48:25	32	295.1	-60.1	130.6	88.60	8.67	3383.5	3382.5
8	1176	232	353	2004-12-18	I	04:06:53	04:37:53	32	197.4	-60.8	130.7	88.90	8.71	3384.3	3382.3
9	1179	233	353	2004-12-18	I	17:48:00	17:58:58	15	2.3	-62.4	131.0	89.50	8.80	3383.4	3382.1
10	1184	234	355	2004-12-20	I	03:21:44	03:42:32	32	234.8	-66.1	131.7	90.90	9.05	3381.5	3381.1
11	1185	235	355	2004-12-20	I	10:05:01	10:21:16	63	137.4	-66.8	131.8	91.10	9.11	3382.2	3381.1
12	1187	236	355	2004-12-20	I	23:25:26	23:51:34	32	302.8	-68.2	132.1	91.70	9.23	3381.4	3380.6
13	1188	237	356	2004-12-21	I	06:10:39	06:34:49	32	205.4	-68.8	132.2	91.90	9.29	3382.1	3380.5
14	1191	238	357	2004-12-22	I	02:20:07	02:46:19	32	274.0	-70.9	132.6	92.80	9.51	3382.0	3380.1
15	1195	239	358	2004-12-23	I	05:16:46	05:42:58	32	246.1	-73.4	133.2	93.90	9.86	3381.4	3379.7
16	1196	240	358	2004-12-23	I	12:12:01	12:23:02	65	149.4	-74.0	133.3	94.10	9.96	3382.5	3379.8
17	1203	241	360	2004-12-25	I	11:20:01	11:30:15	65	195.7	-77.8	134.3	96.00	10.91	3381.2	3379.1
18	1205	242	361	2004-12-26	I	00:34:23	01:00:52	32	4.7	-78.7	134.5	96.50	11.28	3380.8	3379.1
19	1208	243	361	2004-12-26	I	20:46:05	21:12:56	32	79.8	-79.8	135.0	97.40	11.95	3380.0	3379.0
20	1209	244	362	2004-12-27	I	03:29:20	03:56:50	32	345.3	-80.1	135.1	97.60	12.20	3380.6	3378.8
21	1212	245	362	2004-12-27	I	23:41:47	00:08:39	32	62.7	-80.7	135.5	98.40	13.03	3379.9	3378.9
22	1213	246	363	2004-12-28	I	06:25:13	06:52:04	32	329.0	-80.8	135.6	98.70	13.33	3380.5	3378.8
23	1216	247	364	2004-12-29	I	02:37:25	03:04:22	32	47.2	-80.8	136.1	99.50	14.21	3380.2	3378.9
24	1217	248	364	2004-12-29	I	09:30:00	09:45:46	65	313.4	-80.7	136.2	99.70	14.51	3380.2	3378.8
25	1219	249	364	2004-12-29	I	22:49:01	23:15:56	32	125.2	-80.4	136.5	100.30	15.07	3380.9	3378.9
26	1220	250	365	2004-12-30	I	05:33:10	06:00:07	32	30.8	-80.1	136.6	100.50	15.33	3380.7	3378.9
27	1221	251	365	2004-12-30	I	12:26:01	12:41:38	65	296.0	-79.8	136.7	100.80	15.57	3379.7	3378.8
28	1228	253	1	2005-01-01	I	11:34:00	11:50:05	63	347.8	-76.9	137.7	102.60	16.91	3380.9	3379.2
29	1229	255	1	2005-01-01	I	18:18:00	18:33:59	15	251.6	-76.4	137.8	102.80	17.05	3380.8	3379.2
30	1233	257	2	2005-01-02	I	21:06:31	21:30:31	32	225.4	-74.2	138.4	103.80	17.52	3381.7	3379.6
31	1235	258	3	2005-01-03	I	10:43:01	10:58:31	65	31.6	-73.0	138.7	104.30	17.71	3381.1	3379.9
32	1237	259	4	2005-01-04	I	00:03:11	00:30:11	32	197.4	-71.9	139.0	104.80	17.88	3380.9	3380.0