

## Mars Express MaRS Occultation Season 02

No	orbit	ArchivID	DOY	date	start T	stop T	G/S	lon E	lon W	lat	Ls	sol. Elev.	SZA	LTST	radius	equipot
1	1143	0216	343	2004-12-08	22:22:52	22:50:52	32	177.8	182.2	-22.9	126.31	11.9	78.1	7.54	3392.4	3392.8
2	1150	0218	345	2004-12-10	21:19:17	21:43:36	32	216.3	143.7	-35.6	127.24	8.9	81.1	7.82	3390.9	3389.5
3	1154	0221	347	2004-12-12	00:11:34	00:35:42	32	186.0	174.0	-40.7	127.77	7.5	82.5	7.95	3388.8	3387.8
4	1156	0222	347	2004-12-12	06:54:46	07:18:46	32	88.4	271.6	-41.9	127.91	7.1	82.9	7.99	3382.7	3388.0
5	1158	0223	348	2004-12-13	03:04:48	03:28:38	32	155.4	204.6	-45.2	128.31	6.2	83.8	8.08	3387.5	3386.5
6	1162	0225	349	2004-12-14	06:03:42	06:22:04	32	124.7	235.3	-49.2	128.85	4.9	85.1	8.21	3387.0	3385.7
7	1175	0231	352	2004-12-17	21:19:38	21:47:58	32	295.1	64.9	-60.4	130.6	1.2	88.8	8.67	3383.5	3382.5
8	1176	0232	353	2004-12-18	04:06:52	04:31:43	32	197.4	162.6	-61.1	130.73	0.9	89.1	8.71	3384.3	3382.4
9	1179	0233	353	2004-12-18	17:48:01	17:58:58	15	2.3	357.7	-62.7	131	0.3	89.7	8.80	3383.2	3381.9
10	1184	0234	355	2004-12-20	03:20:48	03:37:43	32	234.8	125.2	-66.3	131.68	-1.0	91.0	9.05	3381.5	3381.1
11	1185	0235	355	2004-12-20	10:05:02	10:21:16	63	137.4	222.6	-67.0	131.82	-1.3	91.3	9.11	3382.2	3381.3
12	1187	0236	355	2004-12-20	23:25:24	23:48:44	32	302.8	57.3	-68.4	132.1	-1.8	91.9	9.23	3381.4	3380.6
13	1188	0237	356	2004-12-21	06:10:35	06:32:35	32	205.4	154.6	-69.0	132.22	-2.1	92.1	9.29	3382.2	3380.6
14	1191	0238	357	2004-12-22	02:20:06	02:43:57	32	274.0	86.1	-71.1	132.63	-2.9	92.9	9.51	3381.9	3380.1
15	1194	0239	358	2004-12-23	05:22:00	05:39:25	32	246.1	113.9	-73.6	133.17	-4.0	94.0	9.86	3381.3	3379.6
16	1195	0240	358	2004-12-23	12:12:02	12:23:02	65	149.4	210.7	-74.2	133.31	-4.3	94.3	9.96	3382.6	3379.9
17	1202	0241	360	2004-12-25	11:20:02	11:30:15	65	195.6	164.4	-77.9	134.27	-6.1	96.1	10.91	3381.2	3379.2
18	1205	0242	361	2004-12-26	00:35:00	00:58:08	32	4.6	355.4	-78.8	134.54	-6.7	96.7	11.28	3380.8	3379.0
19	1208	0243	361	2004-12-26	20:46:00	21:09:54	32	79.8	280.2	-79.9	134.95	-7.5	97.5	11.96	3380.0	3379.0
20	1209	0244	362	2004-12-27	03:29:16	03:53:44	32	345.3	14.7	-80.2	135.09	-7.7	97.7	12.20	3380.6	3378.9
21	1212	0245	362	2004-12-27	23:41:43	00:05:40	32	62.7	297.3	-80.8	135.5	-8.5	98.5	13.03	3380.0	3378.7
22	1213	0246	363	2004-12-28	06:25:09	06:49:42	32	329.0	31.1	-80.9	135.63	-8.8	98.8	13.33	3380.4	3378.7
23	1216	0247	364	2004-12-29	02:37:25	03:01:41	32	47.2	312.8	-81.0	136.05	-9.6	99.6	14.21	3380.2	3378.8
24	1217	0248	364	2004-12-29	09:30:01	09:45:47	65	313.4	46.6	-80.8	136.2	-9.8	99.8	14.51	3380.2	3378.8
25	1219	0249	364	2004-12-29	22:48:01	23:13:40	32	125.1	234.9	-80.5	136.46	-10.3	100.3	15.07	3380.9	3378.9
26	1220	0250	365	2004-12-30	05:33:10	05:57:35	32	30.7	329.3	-80.2	136.6	-10.6	100.6	15.33	3380.7	3378.9
27	1221	0251	365	2004-12-30	12:26:02	12:41:38	65	296.0	64.0	-80.0	136.7	-10.8	100.8	15.57	3379.9	3378.8
29	1228	0253	001	2005-01-01	11:34:01	11:50:06	63	347.8	12.2	-77.1	137.7	-12.6	102.6	16.91	3380.9	3379.1
30	1229	0255	001	2005-01-01	18:18:01	18:34:00	15	251.6	108.4	-76.6	137.8	-12.9	102.9	17.05	3380.7	3379.2
31	1233	0257	002	2005-01-02	21:06:27	21:30:19	32	225.4	134.6	-74.4	138.4	-13.9	103.9	17.52	3381.4	3379.9
32	1235	0258	003	2005-01-03	10:43:02	10:58:31	65	31.6	328.4	-73.2	138.7	-14.4	104.4	17.71	3381.0	3379.8
33	1237	0259	004	2005-01-04	00:03:11	00:26:48	32	197.3	162.7	-72.1	139.0	-14.9	104.9	17.88	3381.1	3380.3