

Mars Express MaRS Occultation Season 8

No	orbit	ArchVID	DOY	date	I/E	start T	stop T	G/S	lon	lat	Ls	SZA	LTST	radius	aeroid
1	5740	1474	173	2008-06-21	I	10:51:49	11:15:48	32	192.6	-66.0	88.3	101.00	8.18	3382.4	3381.1
2	5743	1475	174	2008-06-22	I	07:23:46	07:47:45	32	255.6	-66.3	88.7	100.30	8.36	3382.8	3381.0
3	5745	1476	174	2008-06-22	I	21:18:00	21:28:09	15	57.5	-66.5	89.0	99.90	8.48	3381.9	3381.3
4	5747	1477	175	2008-06-23	I	10:46:33	11:10:32	32	219.2	-66.6	89.2	99.50	8.59	3383.1	3381.0
5	5750	1478	176	2008-06-24	I	07:18:57	07:41:57	32	282.3	-66.8	89.6	98.80	8.79	3382.0	3380.9
6	5757	1479	178	2008-06-26	I	07:14:31	07:37:31	32	308.8	-67.0	90.5	97.40	9.20	3382.0	3380.8
7	5761	1480	179	2008-06-27	I	10:37:45	11:00:44	32	272.4	-67.0	91.0	96.70	9.43	3382.2	3380.8
8	5764	1481	180	2008-06-28	I	07:10:10	07:33:09	32	335.0	-67.0	91.4	96.10	9.60	3382.8	3380.9
9	5768	1482	181	2008-06-29	I	10:33:23	10:56:22	32	298.6	-66.9	91.9	95.30	9.82	3381.7	3380.9
10	5771	1483	182	2008-06-30	I	07:05:48	07:28:47	32	1.1	-66.8	92.3	94.80	9.98	3382.3	3381.0
11	5790	1488	187	2008-07-05	I	17:21:00	17:34:29	65	275.8	-65.6	94.7	91.50	10.92	3382.4	3381.2
12	5792	1489	188	2008-07-06	I	06:52:57	07:15:55	32	77.2	-65.4	94.9	91.20	11.00	3382.0	3381.5
13	5809	1491	193	2008-07-11	I	03:26:01	03:40:00	32	188.0	-63.5	97.1	88.60	11.69	3383.7	3381.7
14	5814	1492	194	2008-07-12	I	13:40:00	13:54:16	65	50.9	-62.9	97.7	87.80	11.87	3382.1	3382.1
15	5815	1493	194	2008-07-12	I	20:31:00	20:45:07	65	311.5	-62.7	97.8	87.70	11.90	3382.1	3381.8
16	5816	1494	195	2008-07-13	I	03:21:50	03:35:49	32	212.0	-62.6	98.0	87.60	11.93	3382.8	3381.9
17	5817	1495	195	2008-07-13	I	10:03:42	10:26:41	32	112.5	-62.5	98.1	87.40	11.97	3384.7	3382.3
18	5818	1496	195	2008-07-13	I	17:04:00	17:17:37	65	13.2	-62.3	98.2	87.30	12.01	3383.4	3382.1
19	5843	1498	202	2008-07-20	I	20:13:04	20:28:20	15	44.9	-58.9	101.4	84.10	12.73	3383.6	3383.1
20	5844	1499	203	2008-07-21	I	03:05:04	03:21:02	32	305.2	-58.8	101.5	84.00	12.76	3381.6	3382.8
21	5860	1500	207	2008-07-25	I	16:37:00	16:52:25	65	151.5	-56.5	103.6	82.20	13.14	3385.6	3383.7
22	5864	1501	208	2008-07-26	I	20:01:04	20:15:34	15	113.0	-56.0	104.1	81.90	13.22	3385.3	3384.0
23	5865	1502	209	2008-07-27	I	02:52:25	03:08:24	32	13.4	-55.8	104.2	81.80	13.25	3385.6	3383.8
24	5866	1503	209	2008-07-27	I	09:34:14	09:59:13	32	273.7	-55.7	104.4	81.70	13.26	3386.0	3383.8
25	5885	1505	214	2008-08-01	I	19:49:00	20:03:04	15	180.0	-53.0	106.8	80.00	13.65	3385.3	3384.4
26	5887	1508	215	2008-08-02	I	09:21:36	09:46:33	32	340.6	-52.8	107.1	79.80	13.68	3384.9	3384.5
27	5888	1509	215	2008-08-02	I	16:22:00	16:35:26	65	240.9	-52.6	107.2	79.80	13.70	3386.7	3384.7
28	5889	1510	215	2008-08-02	I	23:13:00	23:26:16	15	141.2	-52.5	107.3	79.70	13.72	3386.3	3384.9
29	5890	1511	216	2008-08-03	I	05:54:04	06:19:03	32	41.6	-52.3	107.5	79.60	13.74	3384.5	3385.0
30	5892	1513	216	2008-08-03	I	19:45:00	19:58:49	15	202.2	-52.0	107.7	79.40	13.77	3386.5	3384.7
31	5899	1516	218	2008-08-05	I	19:44:00	19:54:32	15	224.3	-51.1	108.6	79.00	13.89	3387.6	3385.1
32	5904	1518	220	2008-08-07	I	05:45:41	06:10:34	32	85.8	-50.4	109.3	78.60	13.99	3381.5	3385.6
33	5907	1519	221	2008-08-08	I	02:20:18	02:42:59	32	146.6	-50.0	109.7	78.40	14.03	3386.4	3385.5
34	5908	1520	221	2008-08-08	I	09:08:58	09:33:54	32	47.0	-49.8	109.8	78.30	14.05	3383.9	3385.7
35	5910	1522	221	2008-08-08	I	23:00:00	23:13:43	15	207.4	-49.6	110.1	78.20	14.08	3387.4	3385.5
36	5911	1523	222	2008-08-09	I	05:41:25	06:06:21	32	107.7	-49.5	110.2	78.20	14.10	3387.2	3386.0
37	5913	1525	222	2008-08-09	I	19:32:00	19:46:11	15	268.3	-49.2	110.4	78.00	14.13	3387.7	3385.8
38	5915	1528	223	2008-08-10	I	09:04:57	09:29:47	32	69.0	-48.8	110.7	77.90	14.17	3380.1	3386.0
39	5918	1530	224	2008-08-11	I	05:37:17	06:02:07	32	129.6	-48.5	111.1	77.80	14.21	3387.7	3386.1
40	5920	1531	224	2008-08-11	I	19:27:00	19:42:00	15	290.2	-48.2	111.4	77.70	14.24	3388.5	3386.0
41	5925	1532	226	2008-08-13	I	05:33:06	05:58:05	32	151.6	-47.5	112.0	77.40	14.32	3387.0	3386.2
42	5936	1535	229	2008-08-16	I	08:52:22	09:17:16	32	134.4	-46.1	113.5	76.90	14.49	3388.9	3386.8
43	5939	1537	230	2008-08-17	I	05:25:01	05:50:00	32	195.2	-45.6	113.8	76.70	14.54	3387.8	3386.6
44	5941	1539	230	2008-08-17	I	19:16:00	19:29:38	15	355.7	-45.4	114.1	76.70	14.57	3387.6	3386.8
45	5976	1549	240	2008-08-27	I	18:54:00	19:09:23	63	104.3	-40.5	118.7	75.70	15.08	3388.4	3388.7
46	5979	1552	241	2008-08-28	I	15:26:00	15:41:48	65	165.0	-40.1	119.1	75.60	15.12	3389.8	3388.3
47	5981	1554	242	2008-08-29	I	05:00:37	05:25:31	32	325.6	-39.7	119.4	75.60	15.15	3387.9	3388.4
48	5995	1559	246	2008-09-02	I	04:52:30	05:17:22	32	8.8	-37.7	121.3	75.50	15.34	3391.1	3389.3
49	6016	1564	252	2008-09-08	I	04:40:01	05:05:00	32	74.2	-33.8	124.1	75.40	15.65	3384.0	3390.6
50	6018	1565	252	2008-09-08	I	18:30:00	18:44:43	15	234.4	-33.8	124.4	75.40	15.67	3393.2	3390.6
51	6025	1567	254	2008-09-10	I	18:25:00	18:40:25	15	256.1	-32.6	125.3	75.50	15.76	3397.2	3391.3
52	6032	1569	256	2008-09-12	I	18:21:02	18:36:10	15	277.9	-31.1	126.3	75.60	15.87	3394.4	3391.5
53	6039	1573	258	2008-09-14	I	18:18:00	18:31:57	15	299.7	-29.5	127.2	75.70	15.97	3393.4	3391.4
54	6043	1575	259	2008-09-15	I	21:41:00	21:55:12	15	260.6	-28.9	127.8	75.70	16.02	3398.0	3392.4
55	6057	1582	263	2008-09-19	I	21:33:00	21:46:46	15	304.5	-24.8	129.7	76.00	16.25	3393.6	3392.5
56	6071	1586	267	2008-09-23	I	21:23:00	21:38:36	15	348.6	-19.8	131.6	76.40	16.50	3393.3	3393.5