

ANNEX N TO MARS CORRECT: CRITIQUE OF ALL NASA MARS WEATHER DATA

MSL Year 2 Solar Longitude (Ls) 151 to 270 (late winter to the end of spring).

The pressure data for MSL's Year One plus Viking 1, Viking 2 and Phoenix is summarized on Figure 1. The full weather data for MSL Year One is in Annex M (<http://marscorrect.com/Annex%20M%20JULY%2014%202014.pdf>). Table 1 under Figure 1 sums up weather data from the end of MSL Year 1 to the end of spring in MSL Year 2.

Note that MSL Year 1 and Year 2 both share a maximum pressure of 925 Pa. So far they also share a minimum pressure of 732 Pa. This MSL pressure chart, based on a lander close to the Martian equator (MSL is at 4.59° South), is especially of interest because Year 1 shows two pressure spikes that occur almost a half Martian year apart. The first spike is at MSL Sol 170 to 171 at Solar Longitude (Ls) 252. As just noted, the (revised) pressure published was 925 Pa. The second spike was at MSL Sol 469 when Mars was at Ls 56. That's 164° later in its orbit. The pressure then was 908 Pa which is 98.16% of what it was when the first spike was seen. The first spike occurred almost exactly when Mars was at perihelion at Ls 251 (closest approach to the sun) and in the late spring where MSL sits in the southern hemisphere. Summer in the Martian south begins at Ls 270. The second (908 Pa) spike at Ls 56 was in the southern hemisphere's fall season. Pressure at aphelion (Ls 71 when Mars was at it further point from the sun) was still 898 Pa, which is 97.29 % of its perihelion value of 923 Pa. If, as was once thought, both Martian poles were frozen carbon dioxide, we would not be surprised to see that a lander close to the equator showed two similar pressure spikes 180° apart, with each one reflecting frozen carbon dioxide at the summer pole sublimating and returning the gaseous state. However, we now know that there is very little frozen carbon dioxide at the North Pole. The ice there is mostly water ice. The frozen carbon dioxide is mostly in the Martian Antarctic (offset from the South Pole). We show throughout this Report that all Martian air pressure data is suspect, probably due to faulty pressure transducer design that did not allow for very tiny dust filters to clog with dust immediately upon touchdown. It is also possible that the data published by NASA is deliberate disinformation. We document several cases where JPL altered its MSL weather data AFTER seeing our criticism of it. This will be discussed further in Annex P for MSL Year 2 Fall Weather Data. Annex P will published when Ls 90 is attained on January 4, 2016. Meanwhile you can access MSL Year 2 Autumn weather at http://marscorrect.com/photo2_28.html (and MSL Year Summer Weather Data at http://marscorrect.com/photo4_11.html).

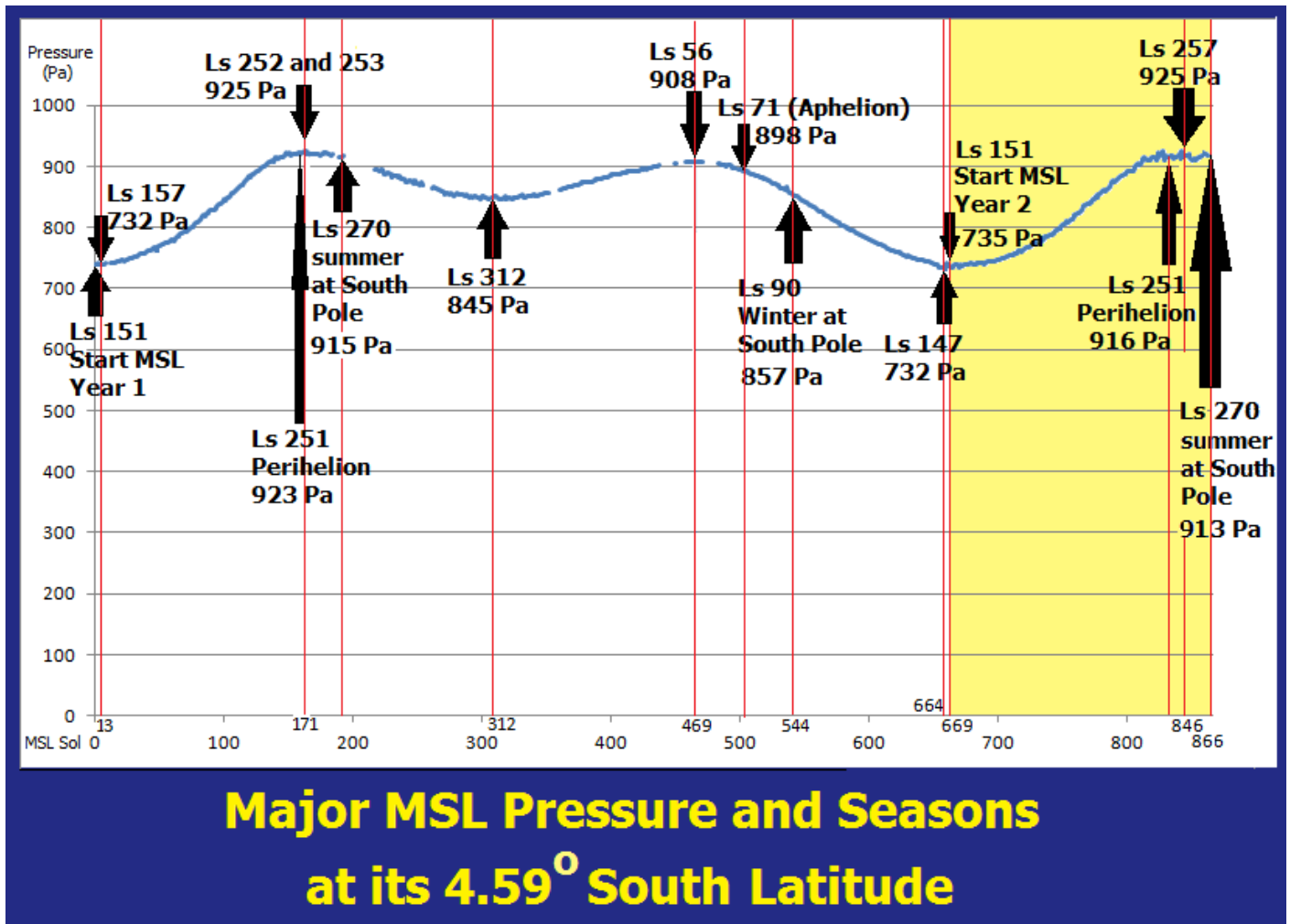


Figure 1 above summarizes MSL pressure data up through its Sol 866, Ls 270 - start of the second summer at MSL.

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
670	151	737	6/25/2014	-7	-79	-72	1.8	4	-85	11	-6	N/A	N/A	151		
671	151	740	6/26/2014	-15	-79	-64	1.6	6	-80	21	-1	N/A	N/A	151		
672	152	739	6/27/2014	-16	-78	-62	1.55	7	-83	23	-5	N/A	N/A	152		
673	152	738	6/28/2014	-16	-78	-62	1.55	8	-96	24	-18	N/A	N/A	152		
674	153	734	6/29/2014	-17	-76	-59	1.475	7	-86	24	-10	N/A	N/A	153		
675	153	740	6/30/2014	-12	-80	-68	1.7	10	-91	22	-11	N/A	N/A	153		
676	154	738	7/1/2014	-17	-80	-63	1.575	9	-90	26	-10	N/A	N/A	154		
677	154	737	7/2/2014	-12	-78	-66	1.65	0	-79	12	-1	N/A	N/A	154		
678	155	739	7/3/2014	-17	-77	-60	1.5	-1	-79	16	-2	N/A		155		
679	155	738	7/4/2014	-13	-77	-64	1.6	1	-80	14	-3	739	1	155		
680	156	740	7/5/2014	-15	-76	-61	1.525	1	-80	16	-4	740	0	156		
681	156	738	7/6/2014	-17	-79	-62	1.55	2	-80	19	-1	741	3	156		
682	157	739	7/7/2014	-16	-77	-61	1.525	2	-80	18	-3	732	-7	157	740	
683	158	741	7/8/2014	-7	-79	-72	1.8	8	-80	15	-1	740	-1	158		
684	158	741	7/9/2014	-9	-75	-66	1.65	6	-82	15	-7	740	-1	158		
685	159	740	7/10/2014	-2	-77	-75	1.875	8	-85	10	-8	742	2	159		

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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686	159	738	7/11/2014	-4	-76	-72	1.8	2	-78	6	-2	N/A	#VALUE!	159		
687	160	739	7/12/2014	-2	-77	-75	1.875	3	-78	5	-1	N/A	#VALUE!	160		
688	160	741	7/14/2014	-5	-77	-72	1.8	8	-78	13	-1	N/A	#VALUE!	160		
689	161	742	7/15/2014	-6	-76	-70	1.75	6	-77	12	-1	741	-1	161		
690	161	741	7/16/2014	-7	-77	-70	1.75	5	-77	12	0	N/A	#VALUE!	161		
691	162	741	7/17/2014	-8	-76	-68	1.7	4	-81	12	-5	742	1	162		
692	162	742	7/18/2014	-4	-76	-72	1.8	6	-80	10	-4	741	-1	162		
693	163	741	7/19/2014	-2	-76	-74	1.85	2	-75	4	1	742.5	1.5	163	743	
694	164	740	7/20/2014	-1	-75	-74	1.85	2	-75	3	0	745	5	164		
695	164	741	7/21/2014	-1	-76	-75	1.875	11	-75	12	1	743	2	164		
696	165	743	7/22/2014	-2	-75	-73	1.825	9	-86	11	-11	745	2	165		
697	165	743	7/23/2014	-4	-74	-70	1.75	8	-84	12	-10	N/A	#VALUE!	165		
698	166	743	7/24/2014	-3	-77	-74	1.85	9	-83	12	-6	747	4	166		
699	166	744	7/25/2014	-2	-76	-74	1.85	9	-81	11	-5	747	3	166		
700	167	745	7/26/2014	-2	-75	-73	1.825	8	-83	10	-8	745	0	167		
701	167	745	7/27/2014	-1	-77	-76	1.9	8	-82	9	-5	N/A	#VALUE!	167		
702	168	745	7/28/2014	-2	-76	-74	1.85	8	-81	10	-5	748	3	168	748	
703	169	747	7/29/2014	-6	-75	-69	1.725	9	-78	15	-3	749	2	169		
704	169	747	7/30/2014	-5	-75	-70	1.75	12	-85	17	-10	750	3	169		

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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705	170	746	7/31/2014	-9	-76	-67	1.675	14	-84	23	-8	750	4	170		
706	170	748	8/1/2014	0	-76	-76	1.9	8	-82	8	-6	N/A	#VALUE!	170		
707	171	749	8/2/2014	1	-76	-77	1.925	5	-77	4	-1	750	1	171		
708	171	749	8/3/2014	1	-76	-77	1.925	5	-76	4	0	751	2	171		
709	172	750	8/4/2014	-11	-73	-62	1.55	16	-78	27	-5	753	3	172		
710	172	751	8/5/2014	-12	-77	-65	1.625	15	-88	27	-11	753	2	172		
711	173	751	8/6/2014	-11	-75	-64	1.6	18	-86	29	-11	755	4	173	756	
712	174	752	8/7/2014	-10	-77	-67	1.675	18	-87	28	-10	757	5	174		
713	174	754	8/8/2014	-12	-76	-64	1.6	19	-87	31	-11	N/A	N/A	174		
714	175	754	8/9/2014	2	-76	-78	1.95	8	-79	6	-3	758	4	175		
715	175	755	8/10/2014	2	-73	-75	1.875	3	-75	1	-2	758	3	175		
716	176	755	8/11/2014	2	-75	-77	1.925	6	-75	4	0	758	3	176		
717	176	756	8/12/2014	5	-76	-81	2.025	11	-74	6	2	759	3	176		
718	177	757	8/13/2014	3	-77	-80	2	12	-81	9	-4	761	4	177		
719	178	758	8/14/2014	-1	-77	-76	1.9	12	-82	13	-5	762	4	178		
720	178	761	8/15/2014	-1	-74	-73	1.825	13	-81	14	-7	N/A	N/A	178		
721	179	761	8/16/2014	-5	-73	-68	1.7	12	-81	17	-8	764	3	179		
722	179	760	8/17/2014	1	-74	-75	1.875	14	-81	13	-7	764	4	179		
723	180	761	8/18/2014	2	-73	-75	1.875	14	-81	12	-8	766	5	180	764	

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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724	181	763	8/19/2014	1	-74	-75	1.875	14	-81	13	-7	768	5	181		
725	181	764	8/21/2014	-5	-73	-68	1.7	13	-80	18	-7	769	5	181		
726	182	766	8/22/2014	1	-75	-76	1.9	14	-80	13	-5	769	3	182		
727	182	766	8/23/2014	1	-76	-77	1.925	14	-84	13	-8	771	5	182		
728	183	766	8/24/2014	1	-74	-75	1.875	14	-81	13	-7	772	6	183		
729	183	768	8/25/2014	3	-75	-78	1.95	13	-81	10	-6	N/A	N/A	183		
730	184	770	8/26/2014	3	-76	-79	1.975	12	-81	9	-5	772	2	184		
731	185	771	8/27/2014	-4	-75	-71	1.775	12	-81	16	-6	774	3	185		
731	185	754 (altered)	8/27/2014	-9	-60	-51	1.275	9	-65	18	-5	774	21 (altered)	185		Temps altered too
732	185	773	8/28/2014	-8	-75	-67	1.675	13	-77	21	-2	775	2	185	786	
733	186	773	8/29/2014	-2	-74	-72	1.8	15	-79	17	-5	776	3	186	785	
734	186	776	8/30/2014	-3	-73	-70	1.75	10	-76	13	-3	777	1	186	785	
735	187	776	8/31/2014	1	-73	-74	1.85	14	-76	13	-3	778	2	187	781	
736	188	776	9/1/2014	0	-76	-76	1.9	9	-76	9	0	781	5	188	N/A	
737	188	777	9/2/2014	3	-74	-77	1.925	9	-76	6	-2	N/A	N/A	188	N/A	
738	189	778	9/3/2014	0	-75	-75	1.875	7	-75	7	0	778	0	189	N/A	
739	189	779	9/4/2014	-1	-72	-71	1.775	4	-72	5	0	783	4	189	785	
740	190	782	9/5/2014	-2	-76	-74	1.85	2	-65	4	11	784	N/A	190	786	
741	191	784	9/6/2014	-1	-70	-69	1.725	4	-68	5	2	788	4	191	788	

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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742	191	784	9/7/2014	0	-72	-72	1.8	4	-68	4	4	791	7	191	790	
743	192	786	9/8/2014	0	-72	-72	1.8	14	-67	14	5	790	4	192	N/A	
744	192	788	9/9/2014	-2	-75	-73	1.825	10	-74	12	1	791	3	192	791	
745	193	787	9/10/2014	1	-74	-75	1.875	13	-79	12	-5	792	5	193	791	
746	194	788	9/11/2014	2	-76	-78	1.95	14	-79	12	-3	N/A	N/A	194	N/A	
747	194	789	9/12/2014	6	-73	-79	1.975	15	-75	9	-2	794	5	194	793	
748	195	791	9/13/2014	5	-71	-76	1.9	10	-69	5	2	795	4	195	795	
749	195	794	9/14/2014	3	-73	-76	1.9	7	-70	4	3	796	2	195	796	
750	196	796	9/15/2014	4	-72	-76	1.9	8	-71	4	1	798	2	196	798	
751	197	797	9/16/2014	-6	-72	-66	1.65	13	-73	19	-1	801	4	197	801	
752	197	798	9/17/2014	-3	-71	-68	1.7	8	-71	11	0	N/A	N/A	197	N/A	
753	198	800	9/18/2014	8	-73	-81	2.025	12	-70	4	3	801	1	198	800	
754	198	803	9/19/2014	6	-73	-79	1.975	12	-75	6	-2	805	2	198	805	
755	199	806	9/20/2014	2	-74	-76	1.9	14	-75	12	-1	808	2	199	808.7	
756	200	806	9/21/2014	3	-73	-76	1.9	15	-77	12	-4	811	5	200	N/A	
757	200	807	9/22/2014	5	-73	-78	1.95	14	-75	9	-2	N/A	N/A	200		
758	201	810	9/23/2014	3	-71	-74	1.85	14	-76	11	-5	813	3	201	813.25	
759	201	809	9/24/2014	8	-77	-85	2.125	13	-75	5	2	813	4	201	814	
760	202	810	9/25/2014	11	-70	-81	2.025	14	-73	3	-3	817	7	202	818	

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761	203	814	9/27/2014	7	-72	-79	1.975	14	-73	7	-1	819	5	203	820.29	
762	203	814	9/28/2014	7	-75	-82	2.05	15	-73	8	2	822	8	203		
763	204	817	9/29/2014	6	-78	-84	2.1	15	-75	9	3	822	5	204	822.43	
764	205	821	9/30/2014	4	-73	-77	1.925	14	-74	10	-1	826	5	205	827	
765	205	820	10/1/2014	5	-73	-78	1.95	14	-74	9	-1	N/A	N/A	205	828	
766	206	824	10/2/2014	8	-70	-78	1.95	14	-72	6	-2	828	4	206	829	
767	206	824	10/3/2014	9	-71	-80	2	14	-73	5	-2	828	4	206		
768	207	826	10/4/2014	2	-73	-75	1.875	14	-72	12	1	829	3	207	829.59	
769	208	829	10/5/2014	4	-73	-77	1.925	15	-75	11	-2	N/A	N/A	208	833.41	
770	208	829	10/6/2014	2	-70	-72	1.8	14	-73	12	-3	830	1	208		
771	209	836	10/7/2014	9	-71	-80	2	14	-73	5	-2	833	-3	209		
772	210	835	10/8/2014	8	-71	-79	1.975	13	-72	5	-1	838	3	210	839	
773	210	838	10/9/2014	8	-70	-78	1.95	14	-72	6	-2	N/A	N/A	210		
774	211	838	10/10/2014	1	-73	-74	1.85	14	-72	13	1	839	1	211	Yr 2 836 altered	
775	211	823	10/11/2014	-9	-60	-51	1.275	-10	-63	-1	-3	841	18	211	Before data altered	
775	211	838	10/11/2014	3	-71	-74	1.85	14	-74	11	-3	841	3	211	After data altered	
776	212	841	10/12/2014	5	-72	-77	1.925	13	-72	8	0	844	3	212	Yr 2 846 altered	
777	213	841	10/13/2014	8	-72	-80	2	14	-73	6	-1	845	4	212	847	
778	213	846	10/14/2014	6	-70	-76	1.9	6	-70	0	0	844	-2	213	N/A	

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779	214	845	10/15/2014	6	-71	-77	1.925	14	-73	8	-2	848	3	214	N/A	
780	215	852	10/16/2014	0	-72	-72	1.8	14	-72	14	0	849	-3	214	N/A	
781	215	849	10/17/2014	-5	-74	-69	1.725	9	-73	14	1	852	3	215	852	
782	216	854	10/18/2014	9	-71	-80	2	8	-70	-1	1	857	3	216	850	
783	216	853	10/19/2014	6	-69	-75	1.875	8	-70	2	-1	857	4	216	857	
784	217	857	10/20/2014	-4	-69	-65	1.625	9	-70	13	-1	857	0	217	857.26	
785	218	858	10/21/2014	-1	-74	-73	1.825	6	-70	7	4	861	3	218	862	
786	218	861	10/22/2014	-4	-74	-70	1.75	5	-69	9	5	N/A	N/A	218		
787	219	860	10/23/2014	-7	-73	-66	1.65	5	-70	12	3	864	4	219		
788	220	862	10/24/2014	-5	-68	-63	1.575	5	-70	10	-2	N/A	N/A	220	867.5	
789	220	862	10/25/2014	-4	-68	-64	1.6	5	-69	9	-1	867	5	220		
790	221	864	10/26/2014	2	-68	-70	1.75	7	-69	5	-1	869	5	221	865.4	
791	222	867	10/27/2014	0	-70	-70	1.75	4	-70	4	0	869	2	222		
792	222	873	10/28/2014	0	-71	-71	1.775	3	-69	3	2	875	2	222	885.96	
793	223	877	10/29/2014	0	-71	-71	1.775	4	-69	4	2	876	-1	223	876.84	
794	223	874	10/30/2014	-5	-68	-63	1.575	6	-68	11	0	880	6	223	875.25	
795	224	875	10/31/2014	1	-68	-69	1.725	6	-68	5	0	880	5	224		
796	225	877	11/1/2014	1	-65	-66	1.65	5	-67	4	-2	883	6	225	884	
797	225	879	11/3/2014	-1	-65	-64	1.6	11	-67	12	-2	883	4	225		
798	226	883	11/4/2014	0	-67	-67	1.675	10	-72	10	-5	886	3	226	894	
799	227	884	11/5/2014	-4	-70	-66	1.65	14	-74	18	-4	N/A	N/A	227		

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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800	227	884	11/6/2014	-2	-67	-65	1.625	13	-73	15	-6	889	5	227	888	
801	228	884	11/7/2014	3	-70	-73	1.825	13	-73	10	-3	890	6	228	892.84	
802	229	887	11/8/2014	7	-69	-76	1.9	13	-73	6	-4	891	4	228	891.21	
803	229	888	11/9/2014	0	-69	-69	1.725	13	-73	13	-4	893	5	229	893.99	
804	230	891	11/10/2014	0	-73	-73	1.825	12	-73	12	0	894	3	230	894.34	
805	231	893	11/11/2014	1	-70	-71	1.775	12	-75	11	-5	897	4	230	N/A	
806	231	893	11/12/2014	2	-69	-71	1.775	12	-75	10	-6	896	3	231	N/A	
807	232	892	11/13/2014	1	-71	-72	1.8	11	-73	10	-2	899	7	232	N/A	
808	232	893	11/14/2014	1	-71	-72	1.8	11	-73	10	-2	903	10	233	N/A	
809	233	891	11/15/2014	-2	-70	-68	1.7	4	-70	6	0	904	13	233	N/A	
810	234	897	11/16/2014	3	-69	-72	1.8	3	-71	0	-2	906	9	234	N/A	
811	234	900	11/17/2014	-6	-71	-65	1.625	4	-71	10	0	N/A	N/A	234	N/A	
812	235	902	11/18/2014	3	-75	-78	1.95	4	-72	1	3	908	6	235	N/A	
813	236	904	11/19/2014	2	-67	-69	1.725	2	-69	0	-2	907	3	235	N/A	
814	236	902	11/20/2014	2	-67	-69	1.725	2	-69	0	-2	909	7	236	908	
815	237	905	11/21/2014	-8	-69	-61	1.525	3	-69	11	0	908	3	237	N/A	
816	238	909	11/22/2014	-7	-74	-67	1.675	3	-69	10	5	914	5	237	N/A	
817	238	913	11/23/2014	0	-69	-69	1.725	2	-70	2	-1	912	-1	238	N/A	
818	239	914	11/24/2014	0	-68	-68	1.7	4	-72	4	-4	914	0	239	N/A	Originally 912 Pa
819	240	913	11/25/2014	0	-71	-71	1.775	4	-70	4	1	913	0	239.9		

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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820	240	910	11/26/2014	-1	-68	-67	1.675	2	-69	3	-1	915	5		915	
821	241	910	11/27/2014	2	-68	-70	1.75	1	-69	-1	-1	914	4		914.5	
822	242	911	11/28/2014	1	-71	-72	1.8	3	-71	2	0	915	4		N/A	
823	242	912	11/29/2014	0	-69	-69	1.725	2	-71	2	-2	917	5		917.7	
824	243	914	11/30/2014	2	-67	-69	1.725	2	-69	0	-2	917	3	243	917.5	
825	243	914	12/1/2014	1	-67	-68	1.7	3	-69	2	-2	922	8	243	917.7	
826	244	914	12/2/2014	0	-68	-68	1.7	3	-70	3	-2	920	6	244	920.7	
827	245	911	12/3/2014	0	-68	-68	1.7	2	-68	2	0	922	11	245	922.99	
828	245	914	12/4/2014	-1	-71	-70	1.75	3	-69	4	2	918	4	245		
829	246	923	12/5/2014	-12	-71	-59	1.475	-9	-70	3	1	919	-4	246		UV LOW!
829	246	914	12/6/2014	-2	-71	-69	1.725	3	-70	5	1	919	5	246		DATA ALTERED!
830	247	918	12/6/2014		-68	-67	1.675	3	-70	4	-2	919	1	246		
831	247	920	12/7/2014	-6	-68	-62	1.55	3	-70	9	-2	919	-1	247	920	
832	248	924	12/8/2014	-2	-68	-66	1.65	4	-70	6	-2	919	-5	248	919.46	
833	248	910	12/9/2014	-1	-61	-60	1.5	4	-65	5	-4	919	9	248	923.09	UV LOW
834	249	918	12/11/2014	-3	-68	-65	1.625	4	-72	7	-4	922	4	249	922	
835	250	917	12/12/2014	-1	-71	-70	1.75	4	-72	5	-1	922	5	250	922	
836	250	916	12/13/2014	-1	-69	-68	1.7	5	-72	6	-3	920	4	250	921	
837	251	916	12/14/2014	4	-69	-73	1.825	6	-71	2	-2	923	7	251	924	PERIHELION!
838	252	917	12/15/2014	-1	-69	-68	1.7	4	-70	5	-1	922	5	252	923	

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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839	253	917	12/16/2014	-1	-70	-69	1.725	2	-70	3	0	925	8	253	N/A	
840	253	913	12/17/2014	-4	-74	-70	1.75	3	-71	7	3	925	12	253	N/A	UV LOW
841	254	914	12/18/2014	-7	-75	-68	1.7	5	-71	12	4	923	9	254	925	UV LOW
842	255	914	12/19/2014	-6	-69	-63	1.575	5	-70	11	-1	920	6	255	924	
843	255	916	12/20/2014	1	-69	-70	1.75	4	-72	3	-3	921	5	255	924.7	UV LOW
844	256	917	12/21/2014	5	-68	-73	1.825	3	-70	-2	-2	921	4	256	N/A	UV LOW
845	257	920	12/22/2014	0	-73	-73	1.825	3	-71	3	2	921	1	257	922.35	
846	257	925	12/23/2014	-7	-74	-67	1.675	3	-73	10	1	920	-5	257	N/A	MAX PRESS. YR. 2
847	258	918	12/24/2014	-8	-69	-61	1.525	4	-73	12	-4	920	2	258	920	
848	258	918	12/25/2014	-4	-69	-65	1.625	3	-73	7	-4	920	2	258	N/A	
849	259	918	12/26/2014	-1	-69	-68	1.7	2	-72	3	-3	919	1	259	921.96	
850	260	918	12/27/2014	-1	-68	-67	1.675	2	-70	3	-2	918	0	260	N/A	UV LOW
851	260	919	12/28/2014	-6	-68	-62	1.55	2	-71	8	-3	921	2	260	920	UV LOW
852	261	916	12/29/2014	-3	-73	-70	1.75	4	-72	7	1	921	5	261	920	
853	262	913	12/30/2014	0	-67	-67	1.675	2	-69	2	-2	923	10	261	923	UV LOW
854	262	910	12/31/2014	3	-66	-69	1.725	2	-70	-1	-4	923	13	262		UV LOW
855	263	912	1/1/2015	0	-69	-69	1.725	3	-70	3	-1	922	10	263	N/A	UV LOW
856	264	912	1/2/2015	-3	-68	-65	1.625	3	-70	6	-2	921	9	263	N/A	
857	264	911	1/3/2015	0	-76	-76	1.9	3	-72	3	4	920	9	264	920	
858	265	913	1/4/2015	-6	-73	-67	1.675	4	-72	10	1	920	7	265	921.09	

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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859	266	915	1/5/2015	-8	-72	-64	1.6	3	-73	11	-1	917	2	265	918	
860	266	916	1/6/2015	-8	-69	-61	1.525	3	-71	11	-2	921	5	266	921	
861	267	917	1/7/2015	-7	-70	-63	1.575	3	-71	10	-1	N/A	N/A	267	940	
862	268	917	1/8/2015	-2	-70	-68	1.7	11	-73	13	-3	N/A	N/A	268	N/A	
863	268	916	1/9/2015	-13	-72	-59	1.475	3	-72	16	0	N/A	N/A	269	886	
864	269	914	1/10/2015	-1	-70	-69	1.725	3	-76	4	-6	916	2	269	916	
865	270	913	1/11/2015	-5	-70	-65	1.625	4	-75	9	-5	915	2	270	915.8	
866	270	911	1/12/2015	-4	-71	-67	1.675	4	-74	8	-3	914	3	271	914.34	BEGIN SUMMER

SOL	~LS	PRESSURE Pa	EARTH DATE	MAX AIR TEMP °C (red when above freezing)	MIN AIR TEMP °C	AIR TEMP RANGE °C	AIR TEMP RANGE °C/40 (aqua when under 1.5)	MAX GROUND TEMP °C (red when above freezing)	MIN GROUND TEMP °C	DAYTIME INCREASE IN TEMP °C AIR TO GROUND (blue when over 10)	NIGHTTIME DECREASE IN TEMP °C AIR TO GROUND (blue when over 10)	PRESSURE AT SAME LS IN MSL YEAR 1	Δ PRESSURE YEAR 1 TO YEAR 2 SAME LS (yellow when over 7 Pa)	~LS year 1	PRESSURE YEAR 1 BEFORE REVISION	COMMENTS
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