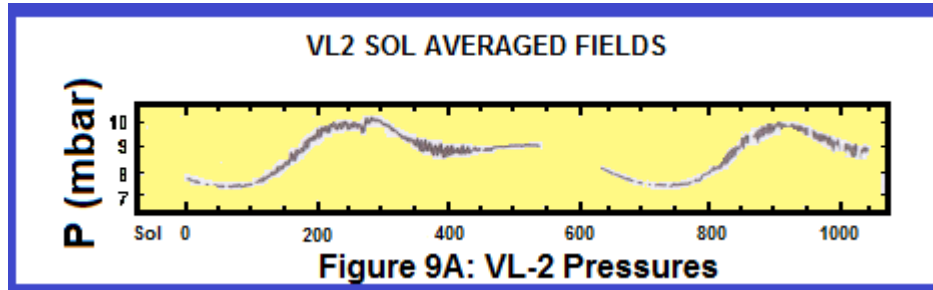


ANNEX C – VIKING 2 STUCK PRESSURE GAUGE

In the Basic Report there was a discussion about how reliable pressures given for Viking 2 really were. In particular, this report challenges the smooth curve seen for Figure 9A of the Basic Report. That curve is repeated here:



Annex C looks at what was really going on for the right part of the above curve between Viking 2 sols 639 and 800. Data shaded in beige represent periods of time when the pressure gauge/ pressure readings got stuck starting at the .86 time-bin. This corresponds to 9:30 PM on a Mars clock that has 25 hours, where each hour is about 59 minutes long. Of the 72 periods shown with pressures stuck for at least 10 hours despite large temperature changes, 34 of them started at that specific hour. This strongly suggests a technical problem. Periods highlighted in blue were for instances when pressure was stuck for at least 12 consecutive time bins, but the problem did start at the .86 time-bin. Finally, periods highlighted in yellow show when the pressure was stuck for more than one sol. The longest such period was between sols 700.5 and 746.46, essentially six full Martian days when the temperature varied from -23.41°C to -83.17°C , a difference of 59.18°C (106.524°F). Pressures that are stuck over such wide variations of temperature almost certainly mean that the pressure sensors were not functioning correctly. However, when pressures were not stuck, they tended to vary strongly with what would be expected of gas trapped behind a dust clot with the gas being subjected to heating by the RTG.

ANNEX C – VIKING 2 STUCK PRESSURE GAUGE

COLOR KEY		STUCK PRESSURE DATA STARTS AT .86 TIME-BIN		STUCK PRESSURE DATA FOR MORE THAN 1 SOL		STUCK DATA FOR MORE THAN 12 CONSECUTIVE TIME BINS BUT NOT STARTING AT 0.86 TIME-BIN	
Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME-BIN
				NO CHANGE			
1	639.3	103.725	0	BAD DATA	-56.68		
	639.34	103.744	0	BAD DATA	-44.89		
	639.38	103.763	0	BAD DATA	-37.17		
	639.42	103.781	0	BAD DATA	-34.48		
	639.46	103.8	0	BAD DATA	-34.77		
	639.5	103.818	0	BAD DATA	-34.14		
	639.54	103.837	0	BAD DATA	-32.44		
2A	639.86	103.985	8.08	1	-61.22	N/A	1
	639.9	104.004	8.08	2	-65.35		
	639.94	104.022	8.08	3	-68.39		
	639.98	104.041	8.08	4	-71.73		
	640.02	104.059	8.08	5	-73.15		
	640.06	104.078	8.08	6	-73.8		
	640.1	104.096	8.08	7	-76.78		
	640.14	104.115	8.08	8	-79.79		
	640.18	104.133	8.08	9	-76.32		
	640.22	104.152	8.08	10	-72.27		
	640.26	104.171	8.08	11	-64.88		
	640.3	104.189	8.08	12	-56.14		
	640.34	104.208	8.08	13	-46.66		

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN	
3	640.98	104.505	8.08	1	-70.96	0		
	641.02	104.523	8.08	2	-71.69			
	641.06	104.542	8.08	3	-75.48			
	641.1	104.56	8.08	4	-77.82			
	641.14	104.579	8.08	5	-79.52			
	641.18	104.597	8.08	6	-77.86			
	641.22	104.616	8.08	7	-72.55			
	641.26	104.635	8.08	8	-62.54			
	641.3	104.653	8.08	9	-55.83			
	641.34	104.672	8.08	10	-46.24			
4	642.58	105.248	7.99	3	-28.43	-0.09		
	642.62	105.266	7.99	4	-24.82			
	642.66	105.285	7.99	5	-28.12			
	642.7	105.304	7.99	6	-28.79			
	642.74	105.322	7.99	7	-33.66			
	642.78	105.341	7.99	8	-42.22			
	642.82	105.359	7.99	9	-54.1			
	642.86	105.378	7.99	10	-58.98			
	5A	644.86	106.309	7.99	1	-62.97	0	2
		644.9	106.327	7.99	2	-65.86		
644.94		106.346	7.99	3	-68.93			
644.98		106.365	7.99	4	-71.18			
645.02		106.383	7.99	5	-72.81			
645.06		106.402	7.99	6	-76.23			
645.1		106.421	7.99	7	-78.85			
645.14		106.439	7.99	8	-81.48			

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	645.18	106.458	7.99	9	-77.66		
	645.22	106.476	7.99	10	-70.73		
	645.26	106.495	7.99	11	-61.58		
	645.3	106.514	7.99	12	-50.27		
	645.34	106.532	7.99	13	-43.24		
	645.38	106.551	7.99	14	-39.95		
	645.42	106.57	7.99	15	-38.33		
6A	645.86	106.775	7.99	1	-64.26	0	3
	645.9	106.793	7.99	2	-65.91		
	645.94	106.812	7.99	3	-68.7		
	645.98	106.831	7.99	4	-71.46		
	646.02	106.849	7.99	5	-73.92		
	646.06	106.868	7.99	6	-75.75		
	646.1	106.887	7.99	7	-77.97		
	646.14	106.905	7.99	8	-79.46		
	646.18	106.924	7.99	9	-79.79		
	646.22	106.943	7.99	10	-72.02		
	646.26	106.961	7.99	11	-63.63		
	646.3	106.98	7.99	12	-52.59		
	646.34	106.999	7.99	13	-43.58		
	646.38	107.017	7.99	14	-38.95		
	646.42	107.036	7.99	15	-37.2		
7A	646.86	107.241	7.99	1	-63.64	0	4
	646.9	107.26	7.99	2	-65.94		
	646.94	107.279	7.99	3	-68.85		
	646.98	107.297	7.99	4	-71.7		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	647.02	107.316	7.99	5	-74.33		
	647.06	107.335	7.99	6	-73.31		
	647.1	107.353	7.99	7	-77.93		
	647.14	107.372	7.99	8	-80		
	647.18	107.391	7.99	9	-79.63		
	647.22	107.409	7.99	10	-72.82		
	647.26	107.428	7.99	11	-64.57		
	647.3	107.447	7.99	12	-53.03		
	647.34	107.465	7.99	13	-43.03		
8A	647.86	107.708	7.99	1	-61.86	0	5
	647.9	107.727	7.99	2	-66.01		
	647.94	107.746	7.99	3	-68.94		
	647.98	107.764	7.99	4	-70.55		
	648.02	107.783	7.99	5	-72.34		
	648.06	107.802	7.99	6	-74.94		
	648.1	107.82	7.99	7	-76.82		
	648.14	107.839	7.99	8	-79.07		
	648.18	107.858	7.99	9	-77.72		
	648.22	107.876	7.99	10	-71.55		
	648.26	107.895	7.99	11	-63.28		
	648.3	107.914	7.99	12	-53.46		
	648.34	107.933	7.99	13	-42.02		
9	651.22	109.281	7.91	1	-69.96	-0.08	
	651.26	109.299	7.91	2	-63.37		
	651.3	109.318	7.91	3	-53		
	651.34	109.337	7.91	4	-43.24		
	651.38	109.356	7.91	5	-37.4		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	651.42	109.374	7.91	6	-35.17		
	651.46	109.393	7.91	7	-34.6		
	651.5	109.412	7.91	8	-33.47		
	651.54	109.431	7.91	9	-31.41		
	651.58	109.449	7.91	10	-29.07		
	651.62	109.468	7.91	11	-26.52		
10A	651.86	109.581	7.91	1	-62.54	0	6
	651.9	109.6	7.91	2	-66.64		
	651.94	109.618	7.91	3	-69.03		
	651.98	109.637	7.91	4	-71.49		
	652.02	109.656	7.91	5	-72.43		
	652.06	109.675	7.91	6	-76.09		
	652.1	109.693	7.91	7	-78.42		
	652.14	109.712	7.91	8	-80.38		
	652.18	109.731	7.91	9	-78.36		
	652.22	109.75	7.91	10	-68.82		
	652.26	109.768	7.91	11	-63.31		
	652.3	109.787	7.91	12	-53.95		
	652.34	109.806	7.91	13	-43.9		
11A	652.86	110.05	7.91	1	-62.36	0	7
	652.9	110.069	7.91	2	-66.11		
	652.94	110.088	7.91	3	-69.57		
	652.98	110.106	7.91	4	-71.84		
	653.02	110.125	7.91	5	-74.13		
	653.06	110.144	7.91	6	-75.12		
	653.1	110.163	7.91	7	-78.12		

Higher than Advertised Martian Air Pressure

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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	653.14	110.182	7.91	8	-79.64		
	653.18	110.2	7.91	9	-79.06		
	653.22	110.219	7.91	10	-73.08		
	653.26	110.238	7.91	11	-64.21		
	653.3	110.257	7.91	12	-54.05		
	653.34	110.276	7.91	13	-43.07		
12A	653.86	110.52	7.91	1	-62.23	0	8
	653.9	110.539	7.91	2	-66.52		
	653.94	110.558	7.91	3	-69.68		
	653.98	110.576	7.91	4	-71.55		
	654.02	110.595	7.91	5	-74.42		
	654.06	110.614	7.91	6	-76.33		
	654.1	110.633	7.91	7	-78.5		
	654.14	110.652	7.91	8	-79.55		
	654.18	110.67	7.91	9	-79.72		
	654.22	110.689	7.91	10	-71.76		
	654.26	110.708	7.91	11	-64.01		
	654.3	110.727	7.91	12	-52.2		
	654.34	110.746	7.91	13	-41.61		
13	657.5	112.234	7.82	1	-35.2	-0.09	
	657.54	112.253	7.82	2	-32.46		
	657.58	112.272	7.82	3	-28.96		
	657.62	112.291	7.82	4	-24.42		
	657.66	112.31	7.82	5	-25.63		
	657.7	112.329	7.82	6	-27.43		
	657.74	112.348	7.82	7	-31.64		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	657.78	112.366	7.82	8	-42.43		
	657.82	112.385	7.82	9	-55.11		
	657.86	112.404	7.82	10	-61.25		
	657.9	112.423	7.82	11	-65.72		
14A	661.86	114.297	7.82	1	-62.34	0	9
	661.9	114.316	7.82	2	-66.56		
	661.94	114.335	7.82	3	-69.73		
	661.98	114.354	7.82	4	-72.35		
	662.02	114.373	7.82	5	-75.09		
	662.06	114.392	7.82	6	-75.06		
	662.1	114.411	7.82	7	-76.55		
	662.14	114.43	7.82	8	-78.51		
	662.18	114.449	7.82	9	-78.72		
	662.22	114.468	7.82	10	-71.06		
	662.26	114.487	7.82	11	-62.93		
	662.3	114.506	7.82	12	-53.96		
	662.34	114.525	7.82	13	-41.91		
15A	662.86	114.771	7.82	1	-62.25	0	10
	662.9	114.79	7.82	2	-67.93		
	662.94	114.809	7.82	3	-69.46		
	662.98	114.828	7.82	4	-72.22		
	663.02	114.847	7.82	5	-74.84		
	663.06	114.866	7.82	6	-76.52		
	663.1	114.885	7.82	7	-77.41		
	663.14	114.904	7.82	8	-78.54		
	663.18	114.923	7.82	9	-77.59		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	663.22	114.942	7.82	10	-70.22		
	663.26	114.961	7.82	11	-60.2		
	663.3	114.98	7.82	12	-53.33		
	663.34	114.999	7.82	13	-42.16		
16	666.5	116.503	7.73	1	-36.18	-0.09	
	666.54	116.522	7.73	2	-35.94		
	666.58	116.541	7.73	3	-29.96		
	666.62	116.56	7.73	4	-25.33		
	666.66	116.579	7.73	5	-27.01		
	666.7	116.598	7.73	6	-27.9		
	666.74	116.618	7.73	7	-31.7		
	666.78	116.637	7.73	8	-43.62		
	666.82	116.656	7.73	9	-56.37		
	666.86	116.675	7.73	10	-62.62		
	666.9	116.694	7.73	11	-66.08		
	666.94	116.713	7.73	12	-70.03		
	666.98	116.732	7.73	13	-73.45		
	667.02	116.751	7.73	14	-75.02		
	667.06	116.77	7.73	15	-76.87		
	667.1	116.789	7.73	16	-79.43		
	667.14	116.808	7.73	17	-78.76		
	667.18	116.827	7.73	18	-78.23		
	667.22	116.847	7.73	19	-70.19		
	667.26	116.866	7.73	20	-67.62		
	667.3	116.885	7.73	21	-50.67		
	667.34	116.904	7.73	22	-40.96		
	667.38	116.923	7.73	23	-37.27		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	667.42	116.942	7.73	24	-36.44		
	667.46	116.961	7.73	25	-37.09		
	667.5	116.98	7.73	26	-38.23		
	667.54	116.999	7.73	27	-33.66		
	667.58	117.018	7.73	28	-27.06		
	667.62	117.037	7.73	29	-25.63		
17	668.22	117.324	7.73	1	-73.61	0	
	668.26	117.343	7.73	2	-65.65		
	668.3	117.362	7.73	3	-56.03		
	668.34	117.381	7.73	4	-44		
	668.38	117.401	7.73	5	-37.87		
	668.42	117.42	7.73	6	-35.87		
	668.46	117.439	7.73	7	-35.23		
	668.5	117.458	7.73	8	-34.51		
	668.54	117.477	7.73	9	-34.53		
	668.58	117.496	7.73	10	-27.83		
	668.62	117.515	7.73	11	-24.62		
18A	668.86	117.63	7.73	1	-62.95	0	11
	668.9	117.649	7.73	2	-66.83		
	668.94	117.668	7.73	3	-70.58		
	668.98	117.687	7.73	4	-73.24		
	669.02	117.706	7.73	5	-75.11		
	669.06	117.726	7.73	6	-75.89		
	669.1	117.745	7.73	7	-78.29		
	669.14	117.764	7.73	8	-79.9		
	669.18	117.783	7.73	9	-79.17		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	669.22	117.802	7.73	10	-73.51		
	669.26	117.821	7.73	11	-63.76		
	669.3	117.84	7.73	12	-55.29		
	669.34	117.86	7.73	13	-42.98		
	669.38	117.879	7.73	14	-36.45		
	669.42	117.898	7.73	15	-34.77		
	669.46	117.917	7.73	16	-35.51		
	669.5	117.936	7.73	17	-35.53		
19A	669.86	118.108	7.73	1	-62.72	0	12
	669.9	118.128	7.73	2	-66.96		
	669.94	118.147	7.73	3	-69.7		
	669.98	118.166	7.73	4	-72.96		
	670.02	118.185	7.73	5	-74.67		
	670.06	118.204	7.73	6	-76.78		
	670.1	118.223	7.73	7	-79.11		
	670.14	118.242	7.73	8	-81.48		
	670.18	118.262	7.73	9	-80.4		
	670.22	118.281	7.73	10	-74.7		
	670.26	118.3	7.73	11	-64.29		
	670.3	118.319	7.73	12	-54.18		
	670.34	118.338	7.73	13	-42.91		
20A	671.86	119.067	7.73	1	-63.34	0	13
	671.9	119.086	7.73	2	-66.99		
	671.94	119.105	7.73	3	-70.43		
	671.98	119.125	7.73	4	-73.19		
	672.02	119.144	7.73	5	-74.57		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	672.06	119.163	7.73	6	-75.67		
	672.1	119.182	7.73	7	-78.18		
	672.14	119.201	7.73	8	-79.24		
	672.18	119.221	7.73	9	-78.77		
	672.22	119.24	7.73	10	-70.3		
	672.26	119.259	7.73	11	-62.94		
	672.3	119.278	7.73	12	-53.05		
	672.34	119.297	7.73	13	-42.24		
21	673.42	119.816	7.64	1	-34.11	-0.09	
	673.46	119.836	7.64	2	-34.82		
	673.5	119.855	7.64	3	-37.4		
	673.54	119.874	7.64	4	-32.69		
	673.58	119.893	7.64	5	-27.94		
	673.62	119.913	7.64	6	-26.22		
	673.66	119.932	7.64	7	-27.22		
	673.7	119.951	7.64	8	-28.36		
	673.74	119.97	7.64	9	-31.83		
	673.78	119.99	7.64	10	-43.88		
	673.82	120.009	7.64	11	-56.91		
	673.86	120.028	7.64	12	-62.9		
	673.9	120.047	7.64	13	-67.1		
22	674.26	120.221	7.64	1	-62.57	0	
	674.3	120.24	7.64	2	-49.8		
	674.34	120.259	7.64	3	-41.62		
	674.38	120.278	7.64	4	-40.41		
	674.42	120.298	7.64	5	-38.22		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	674.46	120.317	7.64	6	-38.93		
	674.5	120.336	7.64	7	-37.48		
	674.54	120.355	7.64	8	-33.53		
	674.58	120.375	7.64	9	-28.74		
	674.62	120.394	7.64	10	-27.36		
	674.66	120.413	7.64	11	-27.2		
	674.7	120.432	7.64	12	-28.58		
	674.74	120.452	7.64	13	-32.37		
	674.78	120.471	7.64	14	-44.53		
	674.82	120.49	7.64	15	-56.88		
	674.86	120.509	7.64	16	-63.04		
	674.9	120.529	7.64	17	-67.57		
23	675.5	120.818	7.64	1	-37.3	0	
	675.54	120.837	7.64	2	-32.53		
	675.58	120.856	7.64	3	-31.21		
	675.62	120.876	7.64	4	-27.08		
	675.66	120.895	7.64	5	-26.84		
	675.7	120.914	7.64	6	-27.89		
	675.74	120.934	7.64	7	-31.55		
	675.78	120.953	7.64	8	-43.33		
	675.82	120.972	7.64	9	-57.12		
	675.86	120.992	7.64	10	-63.36		
	675.9	121.011	7.64	11	-67.29		
24	676.22	121.165	7.64	1	-72.36	0	
	676.26	121.184	7.64	2	-60.11		
	676.3	121.204	7.64	3	-48.57		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
160

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	676.34	121.223	7.64	4	-41.8		
	676.38	121.242	7.64	5	-39.85		
	676.42	121.262	7.64	6	-39.86		
	676.46	121.281	7.64	7	-40.08		
	676.5	121.3	7.64	8	-35.65		
	676.54	121.32	7.64	9	-32.09		
	676.58	121.339	7.64	10	-30.38		
	676.62	121.358	7.64	11	-28.54		
	676.66	121.378	7.64	12	-28.29		
	676.7	121.397	7.64	13	-29.56		
25	677.3	121.687	7.64	1	-48.67		
	677.34	121.706	7.64	2	-42.16		
	677.38	121.725	7.64	3	-42.31		
	677.42	121.745	7.64	4	-37.12		
	677.46	121.764	7.64	5	-38.32		
	677.5	121.783	7.64	6	-37.81		
	677.54	121.803	7.64	7	-31.33		
	677.58	121.822	7.64	8	-27.91		
	677.62	121.841	7.64	9	-28.34		
	677.66	121.861	7.64	10	-28.31		
	677.7	121.88	7.64	11	-29.89		
	677.74	121.899	7.64	12	-33.97		
	677.78	121.919	7.64	13	-44.09		
	677.82	121.938	7.64	14	-56.17		
	677.86	121.957	7.64	15	-63.09		
	677.9	121.977	7.64	16	-68.58		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
161

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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26	678.22	122.132	7.64	1	-70.56	0	
	678.26	122.151	7.64	2	-60.03		
	678.3	122.17	7.64	3	-47.99		
	678.34	122.19	7.64	4	-41.45		
	678.38	122.209	7.64	5	-39.36		
	678.42	122.228	7.64	6	-35.85		
	678.46	122.248	7.64	7	-38.8		
	678.5	122.267	7.64	8	-37.76		
	678.54	122.286	7.64	9	-33.7		
	678.58	122.306	7.64	10	-28.77		
	678.62	122.325	7.64	11	-27.07		
	678.66	122.345	7.64	12	-27.27		
	678.7	122.364	7.64	13	-28.48		
	678.74	122.383	7.64	14	-32.79		
	678.78	122.403	7.64	15	-45.04		
	678.82	122.422	7.64	16	-50.85		
	678.86	122.441	7.64	17	-65.46		
	678.9	122.461	7.64	18	-67.63		
	678.94	122.48	7.64	19	-70.19		
	678.98	122.5	7.64	20	-72.92		
	679.02	122.519	7.64	21	-75.55		
	679.06	122.538	7.64	22	-77.38		
	679.1	122.558	7.64	23	-79.18		
	679.14	122.577	7.64	25	-80.99		
	679.18	122.596	7.64	25	-79.95		
	679.22	122.616	7.64	26	-72		
	679.26	122.635	7.64	27	-59.62		
	679.3	122.654	7.64	28	-47.73		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
162

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	679.34	122.674	7.64	29	-43.52		
	679.38	122.693	7.64	30	-40.27		
	679.42	122.713	7.64	31	-37.76		
	679.46	122.732	7.64	32	-36.58		
	679.5	122.751	7.64	33	-36.01		
27A	679.86	122.926	7.64	1	-63.4	0	14
	679.9	122.945	7.64	2	-67.36		
	679.94	122.965	7.64	3	-70.78		
	679.98	122.984	7.64	4	-73.21		
	680.02	123.004	7.64	5	-75.49		
	680.06	123.023	7.64	6	-77.19		
	680.1	123.042	7.64	7	-79.18		
	680.14	123.062	7.64	8	-81.16		
	680.18	123.081	7.64	9	-79.56		
	680.22	123.1	7.64	10	-70.41		
	680.26	123.12	7.64	11	-57.46		
	680.3	123.139	7.64	12	-48.98		
	680.34	123.159	7.64	13	-43.31		
	680.38	123.178	7.64	14	-40.16		
	680.42	123.198	7.64	15	-37.22		
	680.46	123.217	7.64	16	-37.83		
	680.5	123.236	7.64	17	-34.9		
	680.54	123.256	7.64	18	-33.72		
	680.58	123.275	7.64	19	-29.15		
	680.62	123.295	7.64	20	-28.1		
28A	680.86	123.411	7.64	1	-63.74	0	15

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
163

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	680.9	123.431	7.64	2	-68.09		
	680.94	123.45	7.64	3	-70.02		
	680.98	123.469	7.64	4	-73.02		
	681.02	123.489	7.64	5	-75.92		
	681.06	123.508	7.64	6	-77.8		
	681.1	123.528	7.64	7	-78.88		
	681.14	123.547	7.64	8	-80.61		
	681.18	123.567	7.64	9	-80.72		
	681.22	123.586	7.64	10	-72.71		
	681.26	123.605	7.64	11	-57.82		
	681.3	123.625	7.64	12	-48.83		
	681.34	123.644	7.64	13	-42		
	681.38	123.664	7.64	14	-39.76		
	681.42	123.683	7.64	15	-37.97		
29A	681.86	123.897	7.64	1	-63.48	0	16
	681.9	123.916	7.64	2	-67.77		
	681.94	123.936	7.64	3	-71.41		
	681.98	123.955	7.64	4	-73.83		
	682.02	123.975	7.64	5	-75.99		
	682.06	123.994	7.64	6	-77.62		
	682.1	124.014	7.64	7	-79.87		
	682.14	124.033	7.64	8	-81.29		
	682.18	124.053	7.64	9	-81.53		
	682.22	124.072	7.64	10	-69.46		
	682.26	124.092	7.64	11	-63.66		
	682.3	124.111	7.64	12	-50.85		
	682.34	124.13	7.64	13	-43.07		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
164

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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30	684.5	125.183	7.56	1	-36.88	-0.08	
	684.54	125.202	7.56	2	-33.02		
	684.58	125.222	7.56	3	-29.55		
	684.62	125.241	7.56	4	-28.04		
	684.66	125.261	7.56	5	-26.29		
	684.7	125.28	7.56	6	-27.54		
	684.74	125.3	7.56	7	-31.16		
	684.78	125.319	7.56	8	-44.51		
	684.82	125.339	7.56	9	-58.11		
	684.86	125.358	7.56	10	-65.11		
	684.9	125.378	7.56	11	-68.46		
	684.94	125.398	7.56	12	-71.3		
	684.98	125.417	7.56	13	-73.36		
	685.02	125.437	7.56	14	-74.62		
	685.06	125.456	7.56	15	-76.31		
	685.1	125.476	7.56	16	-79.97		
	685.14	125.495	7.56	17	-79.67		
	685.18	125.515	7.56	18	-79.55		
	685.22	125.534	7.56	19	-68.24		
	685.26	125.554	7.56	20	-58.06		
	685.3	125.573	7.56	21	-52.03		
	685.34	125.593	7.56	22	-45.74		
	685.38	125.612	7.56	23	-42.68		
	685.42	125.632	7.56	25	-42.01		
	685.46	125.652	7.56	25	-39.52		
	685.5	125.671	7.56	26	-38.36		
	685.54	125.691	7.56	27	-34.75		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
165

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	685.58	125.71	7.56	28	-29.89		
	685.62	125.73	7.56	29	-27.14		
	685.66	125.749	7.56	30	-23.46		
	685.7	125.769	7.56	31	-29.15		
31	686.14	125.984	7.56	1	-75.86	0	
	686.18	126.003	7.56	2	-77.35		
	686.22	126.023	7.56	3	-68.87		
	686.26	126.042	7.56	4	-57.04		
	686.3	126.062	7.56	5	-51.34		
	686.34	126.082	7.56	6	-47.75		
	686.38	126.101	7.56	7	-43.64		
	686.42	126.121	7.56	8	-38.81		
	686.46	126.14	7.56	9	-39.21		
	686.5	126.16	7.56	10	-34.63		
	686.54	126.18	7.56	11	-32.57		
	686.58	126.199	7.56	12	-30.51		
	686.62	126.219	7.56	13	-24.99		
	686.66	126.238	7.56	14	-27.51		
	686.7	126.258	7.56	15	-28.22		
	686.74	126.277	7.56	16	-32.35		
	686.78	126.297	7.56	17	-46.18		
	686.82	126.316	7.56	18	-58.03		
	686.86	126.336	7.56	19	-64.8		
	686.9	126.356	7.56	20	-68.61		
32	687.14	126.473	7.56	1	-78.62	0	
	687.18	126.493	7.56	2	-78.84		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
166

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	687.22	126.512	7.56	3	-71.87		
	687.26	126.532	7.56	4	-58.37		
	687.3	126.552	7.56	5	-49.64		
	687.34	126.571	7.56	6	-48.14		
	687.38	126.591	7.56	7	-44.54		
	687.42	126.61	7.56	8	-39.73		
	687.46	126.63	7.56	9	-39.16		
	687.5	126.65	7.56	10	-38.15		
	687.54	126.669	7.56	11	-34.36		
	687.58	126.689	7.56	12	-29.06		
	687.62	126.708	7.56	13	-28.52		
	687.66	126.728	7.56	14	-25.98		
	687.7	126.748	7.56	15	-29.42		
	687.74	126.767	7.56	16	-33.48		
	687.78	126.787	7.56	17	-46.57		
	687.82	126.806	7.56	18	-58.71		
	687.86	126.826	7.56	19	-64.42		
	687.9	126.846	7.56	20	-68.97		
	687.94	126.865	7.56	21	-71.26		
	687.98	126.885	7.56	22	-73.54		
	688.02	126.904	7.56	23	-75.26		
	688.06	126.924	7.56	24	-77.42		
	688.1	126.944	7.56	25	-79.8		
	688.14	126.963	7.56	26	-80.71		
	688.18	126.983	7.56	27	-78.31		
	688.22	127.002	7.56	28	-69.15		
	688.26	127.022	7.56	29	-59.78		
	688.3	127.042	7.56	30	-50.22		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
167

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	688.34	127.061	7.56	31	-49.2		
	688.38	127.081	7.56	32	-45.67		
	688.42	127.101	7.56	33	-41.25		
	688.46	127.12	7.56	34	-39.64		
	688.5	127.14	7.56	35	-38.02		
	688.54	127.159	7.56	36	-33.78		
	688.58	127.179	7.56	37	-30.66		
	688.62	127.199	7.56	38	-28.38		
	688.66	127.218	7.56	39	-28.47		
	688.7	127.238	7.56	40	-29.01		
	688.74	127.258	7.56	41	-33.41		
	688.78	127.277	7.56	42	-46.67		
	688.82	127.297	7.56	43	-58.16		
	688.86	127.317	7.56	44	-65.1		
	688.9	127.336	7.56	45	-69.09		
	688.94	127.356	7.56	46	-71.32		
	688.98	127.375	7.56	47	-74.01		
	689.02	127.395	7.56	48	-76.56		
	689.06	127.415	7.56	49	-77.82		
	689.1	127.434	7.56	50	-80.1		
	689.14	127.454	7.56	51	-80.49		
	689.18	127.474	7.56	52	-77.88		
	689.22	127.493	7.56	53	-69.07		
	689.26	127.513	7.56	54	-60.08		
	689.3	127.533	7.56	55	-50.38		
	689.34	127.552	7.56	56	-47.76		
	689.38	127.572	7.56	57	-44.14		
	689.42	127.592	7.56	58	-40.45		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
168

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	689.46	127.611	7.56	59	-40.24		
	689.5	127.631	7.56	60	-38.03		
	689.54	127.65	7.56	61	-35.32		
	689.58	127.67	7.56	62	-29.79		
	689.62	127.69	7.56	63	-28.14		
33A	689.86	127.808	7.56	1	-65.19	0	17
	689.9	127.827	7.56	2	-68.73		
	689.94	127.847	7.56	3	-72.21		
	689.98	127.867	7.56	4	-74.32		
	690.02	127.886	7.56	5	-76.74		
	690.06	127.906	7.56	6	-78.05		
	690.1	127.926	7.56	7	-80.86		
	690.14	127.945	7.56	8	-82.56		
	690.18	127.965	7.56	9	-79.86		
	690.22	127.985	7.56	10	-73.23		
	690.26	128.004	7.56	11	-61.39		
	690.3	128.024	7.56	12	-50.7		
	690.34	128.044	7.56	13	-48.69		
	690.38	128.063	7.56	14	-44.47		
	690.42	128.083	7.56	15	-39.99		
	690.46	128.103	7.56	16	-38.98		
	690.5	128.122	7.56	17	-38.86		
34A	690.86	128.3	7.56	1	-64.87	0	18
	690.9	128.319	7.56	2	-69.03		
	690.94	128.339	7.56	3	-71.7		
	690.98	128.359	7.56	4	-74.3		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
169

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	691.02	128.378	7.56	5	-77.03		
	691.06	128.398	7.56	6	-78.88		
	691.1	128.418	7.56	7	-81.03		
	691.14	128.437	7.56	8	-82.59		
	691.18	128.457	7.56	9	-81.9		
	691.22	128.477	7.56	10	-70.32		
	691.26	128.497	7.56	11	-62.03		
	691.3	128.516	7.56	12	-51.64		
	691.34	128.536	7.56	13	-44.25		
	691.38	128.556	7.56	14	-43.86		
	691.42	128.575	7.56	15	-39.22		
	691.46	128.595	7.56	16	-39.86		
	691.5	128.615	7.56	17	-37.76		
	691.54	128.635	7.56	18	-34.61		
	691.58	128.654	7.56	19	-29.93		
	691.62	128.674	7.56	20	-27.86		
35A	691.86	128.792	7.56	1	-64.91	0	19
	691.9	128.812	7.56	2	-69.03		
	691.94	128.832	7.56	3	-71.79		
	691.98	128.851	7.56	4	-73.94		
	692.02	128.871	7.56	5	-76.54		
	692.06	128.891	7.56	6	-78.71		
	692.1	128.911	7.56	7	-80.17		
	692.14	128.93	7.56	8	-81.54		
	692.18	128.95	7.56	9	-81.08		
	692.22	128.97	7.56	10	-69.56		
	692.26	128.99	7.56	11	-62.18		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
170

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	692.3	129.009	7.56	12	-50.77		
	692.34	129.029	7.56	13	-44.39		
	692.38	129.049	7.56	14	-41.45		
	692.42	129.068	7.56	15	-38.8		
	692.46	129.088	7.56	16	-37.65		
	692.5	129.108	7.56	17	-38.7		
36A	692.86	129.286	7.56	1	-65.33	0	20
	692.9	129.305	7.56	2	-69		
	692.94	129.325	7.56	3	-72.08		
	692.98	129.345	7.56	4	-74.13		
	693.02	129.365	7.56	5	-76.11		
	693.06	129.384	7.56	6	-78.36		
	693.1	129.404	7.56	7	-81.13		
	693.14	129.424	7.56	8	-81.67		
	693.18	129.444	7.56	9	-82.42		
	693.22	129.463	7.56	10	-76.4		
	693.26	129.483	7.56	11	-64.97		
	693.3	129.503	7.56	12	-51.72		
	693.34	129.523	7.56	13	-43.82		
	693.38	129.542	7.56	14	-42.05		
	693.42	129.562	7.56	15	-37.69		
						SOL 693.86 WAS 7.55 MBAR	
37	693.9	129.799	7.56	1	-68.53	0	
	693.94	129.819	7.56	2	-70.93		
	693.98	129.839	7.56	3	-72.96		
	694.02	129.859	7.56	4	-75.84		
	694.06	129.878	7.56	5	-76.66		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
171

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	694.1	129.898	7.56	6	-79.89		
	694.14	129.918	7.56	7	-81.24		
	694.18	129.938	7.56	8	-81.98		
	694.22	129.958	7.56	9	-73.59		
	694.26	129.977	7.56	10	-66.68		
	694.3	129.997	7.56	11	-56.05		
	694.34	130.017	7.56	12	-43.49		
38	699.02	132.34	0	BAD DATA	-76.4		
	699.06	132.36	0	BAD DATA	-78.57		
	699.1	132.38	0	BAD DATA	-78.45		
	699.14	132.4	0	BAD DATA	-80.54		
	699.18	132.42	0	BAD DATA	-81.46		
	699.22	132.44	0	BAD DATA	-77.32		
	699.26	132.46	0	BAD DATA	-69.33		
	699.3	132.48	0	BAD DATA	-54.81		
	699.34	132.5	0	BAD DATA	-42.21		
	699.38	132.52	0	BAD DATA	-37.05		
	699.42	132.54	0	BAD DATA	-34.05		
	699.46	132.56	0	BAD DATA	-34.13		
	699.5	132.58	0	BAD DATA	-36.71		
	699.54	132.6	0	BAD DATA	-32.9		
	699.58	132.619	0	BAD DATA	-29.71		
	699.62	132.639	0	BAD DATA	-27.46		
	699.66	132.659	0	BAD DATA	-25.55		
	699.7	132.679	0	BAD DATA	-24.79		
	699.74	132.699	0	BAD DATA	-33.51		
	699.78	132.719	0	BAD DATA	-48.31		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
172

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	699.82	132.739	0	BAD DATA	-59.93		
	699.86	132.759	0	BAD DATA	-65		
	699.9	132.779	0	BAD DATA	-68.84		
	699.94	132.799	0	BAD DATA	-72.12		
	699.98	132.819	0	BAD DATA	-74.74		
	700.02	132.839	0	BAD DATA	-74.53		
	700.06	132.859	7.47		-76.36		
	700.1	132.879	7.47		-77.72		
	700.14	132.899	7.47		-81.55		
	700.18	132.919	7.47		-81.49		
	700.22	132.939	7.47		-74.03		
	700.26	132.959	7.47		-66.33		
39	700.5	133.079	7.47	1	-35.54	0	
	700.54	133.098	7.47	2	-33.93		
	700.58	133.118	7.47	3	-27.57		
	700.62	133.138	7.47	4	-26.11		
	700.66	133.158	7.47	5	-25.84		
	700.7	133.178	7.47	6	-28.41		
	700.74	133.198	7.47	7	-33.27		
	700.78	133.218	7.47	8	-49.33		
	700.82	133.238	7.47	9	-60.6		
	700.86	133.258	7.47	10	-65.64		
	700.9	133.278	7.47	11	-69.35		
	700.94	133.298	7.47	12	-72.93		
	700.98	133.318	7.47	13	-74.65		
	701.02	133.338	7.47	14	-76.24		
	701.06	133.358	7.47	15	-78.33		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
173

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	701.1	133.378	7.47	16	-79.52		
	701.14	133.398	7.47	17	-75.96		
	701.18	133.418	7.47	18	-79.82		
	701.22	133.438	7.47	19	-76.8		
	701.26	133.458	7.47	20	-68.7		
	701.3	133.478	7.47	21	-54.06		
	701.34	133.498	7.47	22	-43.58		
	701.38	133.518	7.47	23	-38.01		
	701.42	133.538	7.47	24	-33.89		
	701.46	133.558	7.47	25	-34.94		
	701.5	133.578	7.47	26	-35.55		
	701.54	133.598	7.47	27	-34.18		
	701.58	133.618	7.47	28	-30.73		
	701.62	133.638	7.47	29	-27.89		
	701.66	133.658	7.47	30	-23.41		
	701.7	133.678	7.47	31	-28.07		
	701.74	133.698	7.47	32	-33.46		
	701.78	133.718	7.47	33	-49.14		
	701.82	133.738	7.47	34	-59.59		
	701.86	133.758	7.47	35	-65.32		
	701.9	133.778	7.47	36	-68.89		
	701.94	133.798	7.47	37	-71.51		
	701.98	133.818	7.47	38	-74.15		
	702.02	133.838	7.47	39	-73.31		
	702.06	133.858	7.47	40	-76.61		
	702.1	133.878	7.47	41	-77.56		
	702.14	133.898	7.47	42	-79.12		
	702.18	133.918	7.47	43	-80.04		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
174

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	702.22	133.938	7.47	44	-72		
	702.26	133.958	7.47	45	-62.81		
	702.3	133.978	7.47	46	-49.38		
	702.34	133.998	7.47	47	-44.85		
	702.38	134.018	7.47	48	-41.77		
	702.42	134.038	7.47	49	-40.27		
	702.46	134.059	7.47	50	-37.96		
	702.5	134.079	7.47	51	-36.62		
	702.54	134.099	7.47	52	-30.3		
	702.58	134.119	7.47	53	-27.74		
	702.62	134.139	7.47	54	-27.82		
	702.66	134.159	7.47	55	-24.99		
	702.7	134.179	7.47	56	-28.07		
	702.74	134.199	7.47	57	-33.8		
	702.78	134.219	7.47	58	-50.09		
	702.82	134.239	7.47	59	-60.85		
	702.86	134.259	7.47	60	-65.73		
	702.9	134.279	7.47	61	-69.07		
	702.94	134.299	7.47	62	-72.41		
	702.98	134.319	7.47	63	-74.46		
	703.02	134.339	7.47	64	-76.55		
	703.06	134.359	7.47	65	-78.35		
	703.1	134.379	7.47	66	-78.78		
	703.14	134.399	7.47	67	-81.67		
	703.18	134.419	7.47	68	-82.12		
	703.22	134.439	7.47	69	-77.04		
	703.26	134.459	7.47	70	-64.84		
	703.3	134.479	7.47	71	-56.2		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
175

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	703.34	134.499	7.47	72	-45.23		
	703.38	134.52	7.47	73	-41.79		
	703.42	134.54	7.47	74	-37.23		
	703.46	134.56	7.47	75	-39.86		
	703.5	134.58	7.47	76	-36.99		
	703.54	134.6	7.47	77	-32.95		
	703.58	134.62	7.47	78	-25.69		
	703.62	134.64	7.47	79	-27.08		
	703.66	134.66	7.47	80	-27.8		
	703.7	134.68	7.47	81	-29.73		
	703.74	134.7	7.47	82	-35.41		
	703.78	134.72	7.47	83	-51.35		
	703.82	134.74	7.47	84	-61.01		
	703.86	134.76	7.47	85	-65.81		
	703.9	134.78	7.47	86	-69.23		
	703.94	134.801	7.47	87	-71.92		
	703.98	134.821	7.47	88	-74.19		
	704.02	134.841	7.47	89	-76.29		
	704.06	134.861	7.47	90	-78.04		
	704.1	134.881	7.47	91	-79.9		
	704.14	134.901	7.47	92	-80.85		
	704.18	134.921	7.47	93	-81.74		
	704.22	134.941	7.47	94	-78.09		
	704.26	134.961	7.47	95	-67.72		
	704.3	134.981	7.47	96	-54.71		
	704.34	135.001	7.47	97	-45.03		
	704.38	135.021	7.47	98	-44.13		
	704.42	135.042	7.47	99	-38.56		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	704.46	135.062	7.47	100	-38.78		
	704.5	135.082	7.47	101	-37.98		
	704.54	135.102	7.47	102	-32.89		
	704.58	135.122	7.47	103	-30.84		
	704.62	135.142	7.47	104	-28.07		
	704.66	135.162	7.47	105	-28.05		
	704.7	135.182	7.47	106	-29.68		
	704.74	135.202	7.47	107	-35.2		
	704.78	135.222	7.47	108	-52.06		
	704.82	135.242	7.47	109	-62.54		
	704.86	135.263	7.47	110	-66.35		
	704.9	135.283	7.47	111	-69.96		
	704.94	135.303	7.47	112	-72.18		
	704.98	135.323	7.47	113	-74.39		
	705.02	135.343	7.47	114	-76.46		
	705.06	135.363	7.47	115	-78.35		
	705.1	135.383	7.47	116	-79.57		
	705.14	135.403	7.47	117	-81.13		
	705.18	135.423	7.47	118	-83.17		
	705.22	135.444	7.47	119	-76.9		
	705.26	135.464	7.47	120	-68.43		
	705.3	135.484	7.47	121	-55.4		
	705.34	135.504	7.47	122	-47.1		
	705.38	135.524	7.47	123	-44.48		
	705.42	135.544	7.47	124	-39.12		
	705.46	135.564	7.47	125	-41.18		
	705.5	135.584	7.47	126	-39.58		
	705.54	135.605	7.47	127	-35.52		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
177

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	705.58	135.625	7.47	128	-24.6		
	705.62	135.645	7.47	129	-29.42		
	705.66	135.665	7.47	130	-29.55		
	705.7	135.685	7.47	131	-31.08		
	705.74	135.705	7.47	132	-37.29		
	705.78	135.725	7.47	133	-52.36		
	705.82	135.745	7.47	134	-62.51		
	705.86	135.766	7.47	135	-66.49		
	705.9	135.786	7.47	136	-69.51		
	705.94	135.806	7.47	137	-71.93		
	705.98	135.826	7.47	138	-74.78		
	706.02	135.846	7.47	139	-76.78		
	706.06	135.866	7.47	140	-77.69		
	706.1	135.886	7.47	141	-77.97		
	706.14	135.907	7.47	142	-79.61		
	706.18	135.927	7.47	143	-80.49		
	706.22	135.947	7.47	144	-76.4		
	706.26	135.967	7.47	145	-66.15		
	706.3	135.987	7.47	146	-53.79		
	706.34	136.007	7.47	147	-43.33		
	706.38	136.027	7.47	148	-41.44		
	706.42	136.048	7.47	149	-39.2		
	706.46	136.068	7.47	150	-35.16		
40A	706.86	136.269	7.47	1	-65.77	0	21
	706.9	136.29	7.47	2	-69.52		
	706.94	136.31	7.47	3	-71.77		
	706.98	136.33	7.47	4	-73.01		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
178

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	707.02	136.35	7.47	5	-75.87		
	707.06	136.37	7.47	6	-78.5		
	707.1	136.39	7.47	7	-80.39		
	707.14	136.411	7.47	8	-80.83		
	707.18	136.431	7.47	9	-82.11		
	707.22	136.451	7.47	10	-77.31		
	707.26	136.471	7.47	11	-65.87		
	707.3	136.491	7.47	12	-54.85		
	707.34	136.511	7.47	13	-41.88		
	707.38	136.532	7.47	14	-35.86		
	707.42	136.552	7.47	15	-35.91		
	707.46	136.572	7.47	16	-37.09		
	707.5	136.592	7.47	17	-36.85		
	707.54	136.612	7.47	18	-33.28		
	707.58	136.633	7.47	19	-28.06		
	707.62	136.653	7.47	20	-24.25		
41	708.1	136.895	7.47	1	-79.89	0	
	708.14	136.915	7.47	2	-81.31		
	708.18	136.936	7.47	3	-82.22		
	708.22	136.956	7.47	4	-78.3		
	708.26	136.976	7.47	5	-65.74		
	708.3	136.996	7.47	6	-55.8		
	708.34	137.016	7.47	7	-44.61		
	708.38	137.037	7.47	8	-38.36		
	708.42	137.057	7.47	9	-35.17		
	708.46	137.077	7.47	10	-36.26		
	708.5	137.097	7.47	11	-36.02		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
179

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	708.54	137.117	7.47	12	-28.81		
	708.58	137.138	7.47	13	-29.17		
42A	708.86	137.279	7.47	1	-65.95	0	22
	708.9	137.299	7.47	2	-69.72		
	708.94	137.32	7.47	3	-72.16		
	708.98	137.34	7.47	4	-74.86		
	709.02	137.36	7.47	5	-77.29		
	709.06	137.38	7.47	6	-78.21		
	709.1	137.401	7.47	7	-78.38		
	709.14	137.421	7.47	8	-79.91		
	709.18	137.441	7.47	9	-81.19		
	709.22	137.461	7.47	10	-75.71		
	709.26	137.482	7.47	11	-65.35		
	709.3	137.502	7.47	12	-53.4		
	709.34	137.522	7.47	13	-43.02		
	709.38	137.542	7.47	14	-38.69		
	709.42	137.563	7.47	15	-38.09		
43A	709.86	137.785	7.47	1	-67.02	0	23
	709.9	137.806	7.47	2	-70.02		
	709.94	137.826	7.47	3	-72.43		
	709.98	137.846	7.47	4	-74.78		
	710.02	137.867	7.47	5	-77.47		
	710.06	137.887	7.47	6	-79.22		
	710.1	137.907	7.47	7	-79.99		
	710.14	137.927	7.47	8	-80.37		
	710.18	137.948	7.47	9	-82.59		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
180

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	710.22	137.968	7.47	10	-75.11		
	710.26	137.988	7.47	11	-72.25		
	710.3	138.008	7.47	12	-58.34		
	710.34	138.029	7.47	13	-45.02		
	710.38	138.049	7.47	14	-42.19		
	710.42	138.069	7.47	15	-40.85		
44	713.14	139.451	7.38	1	-83.13	-0.09	
	713.18	139.472	7.38	2	-83.26		
	713.22	139.492	7.38	3	-78.75		
	713.26	139.512	7.38	4	-65.22		
	713.3	139.533	7.38	5	-54.42		
	713.34	139.553	7.38	6	-50.67		
	713.38	139.573	7.38	7	-45.7		
	713.42	139.594	7.38	8	-42.64		
	713.46	139.614	7.38	9	-42.35		
	713.5	139.635	7.38	10	-39.92		
	713.54	139.655	7.38	11	-33.45		
	713.58	139.675	7.38	12	-32.1		
	713.62	139.696	7.38	13	-30.6		
	713.66	139.716	7.38	14	-30.41		
	713.7	139.736	7.38	15	-32.47		
	713.74	139.757	7.38	16	-37.74		
	713.78	139.777	7.38	17	-52.54		
	713.82	139.798	7.38	18	-63.23		
	713.86	139.818	7.38	19	-68.9		
	713.9	139.838	7.38	20	-69.35		
	713.94	139.859	7.38	21	-74.19		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	713.98	139.879	7.38	22	-76.97		
	714.02	139.9	7.38	23	-78.35		
	714.06	139.92	7.38	24	-80.21		
	714.1	139.94	7.38	25	-81.81		
	714.14	139.961	7.38	26	-83.39		
	714.18	139.981	7.38	27	-82.52		
	714.22	140.002	7.38	28	-75.43		
	714.26	140.022	7.38	29	-63.83		
	714.3	140.042	7.38	30	-52.49		
	714.34	140.063	7.38	31	-47.04		
	714.38	140.083	7.38	32	-42.91		
	714.42	140.104	7.38	33	-42.78		
	714.46	140.124	7.38	34	-42.54		
	714.5	140.144	7.38	35	-39.87		
	714.54	140.165	7.38	36	-35.58		
	714.58	140.185	7.38	37	-30.41		
	714.62	140.206	7.38	38	-29.49		
	714.66	140.226	7.38	39	-29.62		
	714.7	140.247	7.38	40	-31.99		
	714.74	140.267	7.38	41	-37.8		
	714.78	140.287	7.38	42	-53.41		
	714.82	140.308	7.38	43	-62.55		
	714.86	140.328	7.38	44	-67.68		
	714.9	140.349	7.38	45	-71.59		
	714.94	140.369	7.38	46	-74.51		
	714.98	140.39	7.38	47	-76.81		
	715.02	140.41	7.38	48	-79.16		
	715.06	140.43	7.38	49	-79.45		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	715.1	140.451	7.38	50	-81.8		
	715.14	140.471	7.38	51	-84.2		
	715.18	140.492	7.38	52	-85.47		
	715.22	140.512	7.38	53	-77.91		
45	715.58	140.696	7.38	1	-32.29	0	
	715.62	140.717	7.38	2	-30.88		
	715.66	140.737	7.38	3	-30.73		
	715.7	140.757	7.38	4	-32.99		
	715.74	140.778	7.38	5	-38.38		
	715.78	140.798	7.38	6	-55.28		
	715.82	140.819	7.38	7	-62.91		
	715.86	140.839	7.38	8	-68.76		
	715.9	140.86	7.38	9	-72.8		
	715.94	140.88	7.38	10	-74.82		
	715.98	140.901	7.38	11	-77.88		
	716.02	140.921	7.38	12	-79.31		
	716.06	140.942	7.38	13	-81.22		
	716.1	140.962	7.38	14	-83.46		
	716.14	140.982	7.38	15	-84.99		
	716.18	141.003	7.38	16	-85.4		
	716.22	141.023	7.38	17	-73.82		
	716.26	141.044	7.38	18	-61.4		
	716.58	141.208	7.38	1	-32.97	0	
	716.62	141.228	7.38	2	-31.67		
	716.66	141.249	7.38	3	-32.25		
	716.7	141.269	7.38	4	-33.86		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
183

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	716.74	141.29	7.38	5	-40.19		
	716.78	141.31	7.38	6	-54.72		
	716.82	141.331	7.38	7	-63.79		
	716.86	141.351	7.38	8	-69.43		
	716.9	141.372	7.38	9	-72.97		
	716.94	141.392	7.38	10	-74.44		
	716.98	141.413	7.38	11	-74.19		
	717.02	141.433	7.38	12	-79.47		
	717.06	141.453	7.38	13	-80.53		
	717.1	141.474	7.38	14	-82.35		
	717.14	141.495	7.38	15	-82.45		
	717.18	141.515	7.38	16	-80.83		
	717.22	141.536	7.38	17	-74.03		
	717.26	141.556	7.38	18	-57.98		
	719.22	142.562	7.47	1	-77.8	0.09	
	719.26	142.583	7.47	2	-68.71		
	719.3	142.604	7.47	3	-59.22		
	719.34	142.624	7.47	4	-51.81		
	719.38	142.645	7.47	5	-45.28		
	719.42	142.665	7.47	6	-42.46		
	719.46	142.686	7.47	7	-41.7		
	719.5	142.706	7.47	8	-40.02		
	719.54	142.727	7.47	9	-34.43		
	719.58	142.747	7.47	10	-32.54		
46A	719.86	142.892	7.47	1	-67.46	0	24
	719.9	142.912	7.47	2	-70.87		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
184

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	719.94	142.933	7.47	3	-73.98		
	719.98	142.953	7.47	4	-76.06		
	720.02	142.974	7.47	5	-79.1		
	720.06	142.995	7.47	6	-80.87		
	720.1	143.015	7.47	7	-82.45		
	720.14	143.036	7.47	8	-83.73		
	720.18	143.056	7.47	9	-84.09		
	720.22	143.077	7.47	10	-80.15		
	720.26	143.098	7.47	11	-69.8		
	720.3	143.118	7.47	12	-53.14		
	720.34	143.139	7.47	13	-45.35		
	720.38	143.159	7.47	14	-46.11		
	720.42	143.18	7.47	15	-42.6		
47A	720.86	143.407	7.47	1	-68.53	0	25
	720.9	143.427	7.47	2	-72.21		
	720.94	143.448	7.47	3	-74.79		
	720.98	143.469	7.47	4	-77.48		
	721.02	143.489	7.47	5	-79.05		
	721.06	143.51	7.47	6	-79.93		
	721.1	143.531	7.47	7	-81.92		
	721.14	143.551	7.47	8	-83.69		
	721.18	143.572	7.47	9	-83.93		
	721.22	143.592	7.47	10	-79		
	721.26	143.613	7.47	11	-69.69		
	721.3	143.634	7.47	12	-53.83		
	721.34	143.654	7.47	13	-47.44		
	721.38	143.675	7.47	14	-40.77		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
185

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	721.42	143.696	7.47	15	-42.48		
48A	721.86	143.923	7.47	1	-68.43	0	26
	721.9	143.944	7.47	2	-71.36		
	721.94	143.964	7.47	3	-73.58		
	721.98	143.985	7.47	4	-76.63		
	722.02	144.005	7.47	5	-79.36		
	722.06	144.026	7.47	6	-79.41		
	722.1	144.047	7.47	7	-81.98		
	722.14	144.067	7.47	8	-82.91		
	722.18	144.088	7.47	9	-83.79		
	722.22	144.109	7.47	10	-81.25		
	722.26	144.129	7.47	11	-72.05		
	722.3	144.15	7.47	12	-63.59		
	722.34	144.171	7.47	13	-46.6		
	722.38	144.192	7.47	14	-44.79		
	722.42	144.212	7.47	15	-41.05		
49A	722.86	144.44	7.47	1	-68.64	0	27
	722.9	144.46	7.47	2	-72.76		
	722.94	144.481	7.47	3	-73.73		
	722.98	144.502	7.47	4	-76.56		
	723.02	144.523	7.47	5	-77.65		
	723.06	144.543	7.47	6	-79		
	723.1	144.564	7.47	7	-81.34		
	723.14	144.585	7.47	8	-83.76		
	723.18	144.605	7.47	9	-85.2		
	723.22	144.626	7.47	10	-82.19		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
186

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	723.26	144.647	7.47	11	-70.93		
	723.3	144.667	7.47	12	-52.32		
	723.34	144.688	7.47	13	-45.89		
	723.38	144.709	7.47	14	-42.13		
	723.42	144.73	7.47	15	-38.15		
50	725.62	145.871	7.38	1	-26.67	-0.09	
	725.66	145.892	7.38	2	-27.71		
	725.7	145.912	7.38	3	-32.82		
	725.74	145.933	7.38	4	-41.48		
	725.78	145.954	7.38	5	-56.44		
	725.82	145.975	7.38	6	-64.23		
	725.86	145.996	7.38	7	-68.29		
	725.9	146.016	7.38	8	-72.72		
	725.94	146.037	7.38	9	-75.22		
	725.98	146.058	7.38	10	-76.82		
	726.02	146.079	7.38	11	-79.24		
	726.06	146.1	7.38	12	-81.02		
51	729.58	147.936	7.38	1	-29.98	0	
	729.62	147.957	7.38	2	-25.95		
	729.66	147.978	7.38	3	-31.15		
	729.7	147.999	7.38	4	-34.45		
	729.74	148.02	7.38	5	-43.2		
	729.78	148.041	7.38	6	-58.67		
	729.82	148.061	7.38	7	-65.7		
	729.86	148.082	7.38	8	-68.9		
	729.9	148.103	7.38	9	-73.11		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
187

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	729.94	148.124	7.38	10	-75.36		
	729.98	148.145	7.38	11	-78.51		
52	735.74	151.176	7.38	1	-44.84	0	
	735.78	151.197	7.38	2	-60.73		
	735.82	151.218	7.38	3	-67.12		
	735.86	151.239	7.38	4	-70.1		
	735.9	151.261	7.38	5	-73.63		
	735.94	151.282	7.38	6	-76.22		
	735.98	151.303	7.38	7	-79.08		
	736.02	151.324	7.38	8	-80.79		
	736.06	151.345	7.38	9	-82.93		
	736.1	151.366	7.38	10	-85.09		
	736.14	151.387	7.38	11	-85.39		
	736.18	151.409	7.38	12	-87.89		
	736.22	151.43	7.38	13	-85.85		
	736.26	151.451	7.38	14	-76.59		
	736.3	151.472	7.38	15	-62.63		
	736.34	151.493	7.38	16	-50.67		
	736.38	151.514	7.38	17	-42.4		
	736.42	151.536	7.38	18	-39.84		
	736.46	151.557	7.38	19	-41.08		
	736.5	151.578	7.38	20	-38.73		
	736.54	151.599	7.38	21	-33.04		
	736.58	151.62	7.38	22	-30.69		
	736.62	151.642	7.38	23	-28.35		
	736.66	151.663	7.38	24	-29.03		
	736.7	151.684	7.38	25	-33.67		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
188

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	736.74	151.705	7.38	26	-43.05		
	736.78	151.726	7.38	27	-59.01		
	736.82	151.747	7.38	28	-66.69		
	736.86	151.769	7.38	29	-70.37		
	736.9	151.79	7.38	30	-73.79		
	736.94	151.811	7.38	31	-76.94		
	736.98	151.832	7.38	32	-78.86		
	737.02	151.853	7.38	33	-78.45		
	737.06	151.875	7.38	34	-80.69		
	737.1	151.896	7.38	35	-82.11		
	737.14	151.917	7.38	36	-86.69		
	737.18	151.938	7.38	37	-86.72		
	737.22	151.959	7.38	38	-84.81		
	737.26	151.981	7.38	39	-72.78		
53	737.58	152.15	7.38	1	-36.77	0	
	737.62	152.171	7.38	2	-31.68		
	737.66	152.193	7.38	3	-31.62		
	737.7	152.214	7.38	4	-32.82		
	737.74	152.235	7.38	5	-45.16		
	737.78	152.256	7.38	6	-60.73		
	737.82	152.278	7.38	7	-67.55		
	737.86	152.299	7.38	8	-71.99		
	737.9	152.32	7.38	9	-73.98		
	737.94	152.341	7.38	10	-76.2		
	737.98	152.363	7.38	11	-79.27		
	738.02	152.384	7.38	12	-80.26		
	738.06	152.405	7.38	13	-83.43		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
189

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	738.1	152.426	7.38	14	-85.82		
	738.14	152.448	7.38	15	-86.56		
	738.18	152.469	7.38	16	-88.77		
	738.22	152.49	7.38	17	-82.04		
	738.26	152.511	7.38	18	-78.63		
54	738.7	152.745	7.38	1	-37.37	0	
	738.74	152.766	7.38	2	-46.36		
	738.78	152.787	7.38	3	-61.81		
	738.82	152.809	7.38	4	-68.01		
	738.86	152.83	7.38	5	-69.45		
	738.9	152.851	7.38	6	-73.06		
	738.94	152.873	7.38	7	-77.26		
	738.98	152.894	7.38	8	-80.29		
	739.02	152.915	7.38	9	-81.5		
	739.06	152.936	7.38	10	-80.28		
	739.1	152.958	7.38	11	-84.29		
	739.14	152.979	7.38	12	-83.08		
	739.18	153	7.38	13	-85.74		
	739.22	153.021	7.38	14	-79.06		
	739.26	153.043	7.38	15	-65.96		
55	739.58	153.213	7.38	1	-34.23	0	
	739.62	153.234	7.38	2	-33.09		
	739.66	153.256	7.38	3	-34.35		
	739.7	153.277	7.38	4	-37.12		
	739.74	153.298	7.38	5	-46.39		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
190

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	739.78	153.32	7.38	6	-62.52		
	739.82	153.341	7.38	7	-67.84		
	739.86	153.362	7.38	8	-72.05		
	739.9	153.383	7.38	9	-75.22		
	739.94	153.405	7.38	10	-77.79		
	739.98	153.426	7.38	11	-80.04		
	740.02	153.447	7.38	12	-82.24		
	740.06	153.469	7.38	13	-81.26		
	740.1	153.49	7.38	14	-81.94		
	740.14	153.511	7.38	15	-85.45		
	740.18	153.533	7.38	16	-88.35		
	740.22	153.554	7.38	17	-80.83		
	740.26	153.575	7.38	18	-68.14		
56	740.58	153.746	7.38	1	-32.57	0	
	740.62	153.767	7.38	2	-33.44		
	740.66	153.788	7.38	3	-33.91		
	740.7	153.81	7.38	4	-37.43		
	740.74	153.831	7.38	5	-47.81		
	740.78	153.852	7.38	6	-63.39		
	740.82	153.874	7.38	7	-68.89		
	740.86	153.895	7.38	8	-72.26		
	740.9	153.917	7.38	9	-74.84		
	740.94	153.938	7.38	10	-77.07		
	740.98	153.959	7.38	11	-80.17		
	741.02	153.981	7.38	12	-82.35		
	741.06	154.002	7.38	13	-83.49		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
191

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
	741.1	154.023	7.38	14	-85.6		
	741.14	154.045	7.38	15	-86.56		
	741.18	154.066	7.38	16	-86.48		
	741.22	154.087	7.38	17	-81.44		
	741.26	154.109	7.38	18	-69.53		
57	741.62	154.301	7.38	1	-33.11	0	
	741.66	154.322	7.38	2	-33.46		
	741.7	154.344	7.38	3	-37.4		
	741.74	154.365	7.38	4	-47.5		
	741.78	154.386	7.38	5	-63.72		
	741.82	154.408	7.38	6	-69.27		
	741.86	154.429	7.38	7	-72.94		
	741.9	154.45	7.38	8	-74		
	741.94	154.472	7.38	9	-76.87		
	741.98	154.493	7.38	10	-76.91		
	742.02	154.515	7.38	11	-80.4		
	742.06	154.536	7.38	12	-83.78		
	742.1	154.557	7.38	13	-81.96		
	742.14	154.579	7.38	14	-81.46		
	742.18	154.6	7.38	15	-84.54		
	742.22	154.622	7.38	16	-81.63		
	742.26	154.643	7.38	17	-69.96		
58	742.58	154.814	7.38	1	-35.31	0	
	742.62	154.835	7.38	2	-34.57		
	742.66	154.857	7.38	3	-35.75		
	742.7	154.878	7.38	4	-40.33		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
192

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	742.74	154.9	7.38	5	-50.35		
	742.78	154.921	7.38	6	-63.67		
	742.82	154.943	7.38	7	-69.77		
	742.86	154.964	7.38	8	-72.81		
	742.9	154.985	7.38	9	-72.81		
	742.94	155.007	7.38	10	-78.08		
	742.98	155.028	7.38	11	-78.3		
	743.02	155.05	7.38	12	-79.4		
	743.06	155.071	7.38	13	-80.17		
	743.1	155.092	7.38	14	-82.38		
	743.14	155.114	7.38	15	-81.92		
	743.18	155.135	7.38	16	-86.4		
	743.22	155.157	7.38	17	-82.6		
	743.26	155.178	7.38	18	-73.12		
	743.3	155.2	7.38	19	-61.85		
	743.34	155.221	7.38	20	-64.28		
	743.38	155.243	7.38	21	-54.86		
59A	743.86	155.5	7.38	1	-71.18	0	28
	743.9	155.521	7.38	2	-76.17		
	743.94	155.543	7.38	3	-75.74		
	743.98	155.564	7.38	4	-77.49		
	744.02	155.586	7.38	5	-80.35		
	744.06	155.607	7.38	6	-82.75		
	744.1	155.629	7.38	7	-84.95		
	744.14	155.65	7.38	8	-85.07		
	744.18	155.671	7.38	9	-87.75		
	744.22	155.693	7.38	10	-82.81		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
193

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	744.26	155.714	7.38	11	-74.24		
60A	744.86	156.037	7.47	1	-72.22	0.09	29
	744.9	156.058	7.47	2	-75.05		
	744.94	156.079	7.47	3	-77.84		
	744.98	156.101	7.47	4	-79.81		
	745.02	156.123	7.47	5	-80.18		
	745.06	156.144	7.47	6	-81.5		
	745.1	156.166	7.47	7	-83.46		
	745.14	156.187	7.47	8	-81.45		
	745.18	156.208	7.47	9	-85.98		
	745.22	156.23	7.47	10	-85.5		
	745.26	156.252	7.47	11	-72.71		
61	745.58	156.424	7.47	1	-35.28	0	
	745.62	156.445	7.47	2	-34.89		
	745.66	156.467	7.47	3	-36.57		
	745.7	156.488	7.47	4	-40.16		
	745.74	156.51	7.47	5	-54.59		
	745.78	156.531	7.47	6	-64.19		
	745.82	156.553	7.47	7	-69.27		
	745.86	156.574	7.47	8	-72.7		
	745.9	156.596	7.47	9	-75.88		
	745.94	156.617	7.47	10	-76.82		
	745.98	156.639	7.47	11	-82.03		
	746.02	156.66	7.47	12	-82.36		
	746.06	156.682	7.47	13	-82.96		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
62A	749.86	158.735	7.47	1	-72.62	0	30
	749.9	158.756	7.47	2	-76.72		
	749.94	158.778	7.47	3	-75.91		
	749.98	158.8	7.47	4	-80.84		
	750.02	158.821	7.47	5	-82.12		
	750.06	158.843	7.47	6	-84.24		
	750.1	158.865	7.47	7	-83.91		
	750.14	158.886	7.47	8	-87.35		
	750.18	158.908	7.47	9	-88.98		
	750.22	158.93	7.47	10	-86.42		
	750.26	158.951	7.47	11	-77.73		
	750.3	158.973	7.47	12	-65.81		
	750.34	158.995	7.47	13	-52.62		
	750.38	159.017	7.47	14	-44.51		
	750.42	159.038	7.47	15	-42.05		
63	751.58	159.668	7.38	1	-31.04	-0.09	
	751.62	159.69	7.38	2	-31.48		
	751.66	159.712	7.38	3	-32.76		
	751.7	159.733	7.38	4	-36.06		
	751.74	159.755	7.38	5	-53.34		
	751.78	159.777	7.38	6	-64.81		
	751.82	159.799	7.38	7	-68.5		
	751.86	159.821	7.38	8	-72.62		
	751.9	159.842	7.38	9	-76.78		
	751.94	159.864	7.38	10	-79.08		
	751.98	159.886	7.38	11	-80.75		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
64A	754.86	161.457	7.47	1	-74.92	0.09	31
	754.9	161.479	7.47	2	-76.76		
	754.94	161.5	7.47	3	-79.99		
	754.98	161.522	7.47	4	-81.58		
	755.02	161.544	7.47	5	-82.85		
	755.06	161.566	7.47	6	-85.69		
	755.1	161.588	7.47	7	-86.57		
	755.14	161.61	7.47	8	-87.54		
	755.18	161.632	7.47	9	-88.13		
	755.22	161.654	7.47	10	-86.74		
	755.26	161.675	7.47	11	-77.72		
	755.3						
65A	756.86	162.552	7.47	1	-74.49	0	32
	756.9	162.574	7.47	2	-77.13		
	756.94	162.596	7.47	3	-79.42		
	756.98	162.618	7.47	4	-74.08		
	757.02	162.64	7.47	5	-84.15		
	757.06	162.662	7.47	6	-85.25		
	757.1	162.684	7.47	7	-86.45		
	757.14	162.706	7.47	8	-87.68		
	757.18	162.728	7.47	9	-88.93		
	757.22	162.75	7.47	10	-87.96		
	757.26	162.772	7.47	11	-79.65		
66A	758.86	163.652	7.47	1	-69.86	0	33
	758.9	163.674	7.47	2	-76.32		
	758.94	163.696	7.47	3	-81.59		
	758.98	163.718	7.47	4	-82.5		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	759.02	163.74	7.47	5	-84.33		
	759.06	163.762	7.47	6	-86.14		
	759.1	163.784	7.47	7	-89.2		
	759.14	163.806	7.47	8	-88.37		
	759.18	163.828	7.47	9	-90.79		
	759.22	163.85	7.47	10	-87.75		
	759.26	163.872	7.47	11	-74.9		
	759.3	163.894	7.47	12	-59.65		
	759.34	163.916	7.47	13	-53.07		
	759.38	163.938	7.47	14	-49.35		
	759.42	163.96	7.47	15	-51.05		
	759.46	163.982	7.47	16	-48.6		
	759.5	164.005	7.47	17	-47.18		
	759.54	164.027	7.47	18	-38.13		
	759.58	164.049	7.47	19	-33.19		
	759.62	164.071	7.47	20	-34.52		
67A	759.86	164.203	7.47	1	-74.55	0	34
	759.9	164.225	7.47	2	-78.33		
	759.94	164.247	7.47	3	-81.75		
	759.98	164.269	7.47	4	-82.97		
	760.02	164.291	7.47	5	-83.87		
	760.06	164.313	7.47	6	-86.35		
	760.1	164.335	7.47	7	-87.08		
	760.14	164.358	7.47	8	-89.39		
	760.18	164.38	7.47	9	-90.48		
	760.22	164.402	7.47	10	-90.46		
	760.26	164.424	7.47	11	-75.73		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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68	760.5	164.556	7.47	1	-46.87	0	
	760.54	164.578	7.47	2	-38.37		
	760.58	164.601	7.47	3	-35.08		
	760.62	164.623	7.47	4	-34.57		
	760.66	164.645	7.47	5	-36.94		
	760.7	164.667	7.47	6	-42.91		
	760.74	164.689	7.47	7	-54.86		
	760.78	164.711	7.47	8	-68.06		
	760.82	164.733	7.47	9	-71.86		
	760.86	164.755	7.47	10	-73.72		
	760.9	164.777	7.47	11	-77.43		
	760.94	164.799	7.47	12	-81.33		
	760.98	164.822	7.47	13	-83.09		
69	783.58	177.57	7.56	1	-41.74	0.09	
	783.62	177.593	7.56	2	-41.54		
	783.66	177.616	7.56	3	-45.38		
	783.7	177.639	7.56	4	-55.56		
	783.74	177.662	7.56	5	-65.54		
	783.78	177.685	7.56	6	-72.85		
	783.82	177.709	7.56	7	-76.78		
	783.86	177.732	7.56	8	-77.26		
	783.9	177.755	7.56	9	-78.75		
	783.94	177.778	7.56	10	-80.56		
	783.98	177.801	7.56	11	-80.97		
	784.02	177.824	7.56	12	-81.84		
	784.06	177.847	7.56	13	-85.91		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
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Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	784.1	177.87	7.56	14	-86.07		
	784.14	177.893	7.56	15	-89.05		
70	792.02	182.463	0	BAD DATA	-85.43		
	792.06	182.486	0	BAD DATA	-87.55		
	792.1	182.51	0	BAD DATA	-87.09		
	792.14	182.533	0	BAD DATA	-90.24		
	792.18	182.556	0	BAD DATA	-89.66		
	792.22	182.58	0	BAD DATA	-94.58		
	792.26	182.603	0	BAD DATA	-92.44		
	792.3	182.627	0	BAD DATA	-83		
71	797.58	185.725	7.82	1	-44.25		
	797.62	185.749	7.82	2	-44.6		
	797.66	185.772	7.82	3	-50.24		
	797.7	185.796	7.82	4	-61.95		
	797.74	185.819	7.82	5	-73.11		
	797.78	185.843	7.82	6	-76.7		
	797.82	185.866	7.82	7	-81.23		
	797.86	185.89	7.82	8	-84.12		
	797.9	185.914	7.82	9	-86.39		
	797.94	185.937	7.82	10	-88.5		
	797.98	185.961	7.82	11	-90.22		
72	799.02	186.575	0	BAD DATA	-91.22		
	799.06	186.598	0	BAD DATA	-93.38		
	799.1	186.622	0	BAD DATA	-94.01		
	799.14	186.646	0	BAD DATA	-93.75		
	799.18	186.669	0	BAD DATA	-95.93		

Higher than Advertised Martian Air Pressure

Annex C by Barry S. Roffman and David A. Roffman
199

Incident# (A=.86 start)	SOL	LS	PRESSURE (mbar)	BAD DATA/ STUCK CELLS	TEMP °C	Δ P FROM LAST STUCK PRESSURE BATCH	STUCK AT .86 TIME- BIN
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	799.22	186.693	0	BAD DATA	-97.6		
	799.26	186.717	0	BAD DATA	-94.7		
	799.3	186.74	0	BAD DATA	-80.25		
	799.34	186.764	0	BAD DATA	-68.24		
	799.38	186.788	0	BAD DATA	-55.45		
	799.42	186.811	0	BAD DATA	-59.46		
	799.46	186.835	0	BAD DATA	-59.2		
	799.5	186.859	0	BAD DATA	-56.17		
	799.54	186.882	0	BAD DATA	-50.06		
	799.58	186.906	0	BAD DATA	-45.78		
	799.62	186.93	0	BAD DATA	-46.89		
	799.66	186.953	0	BAD DATA	-53.07		
	799.7	186.977	0	BAD DATA	-63.24		
	799.74	187.001	0	BAD DATA	-73.58		
	799.78	187.024	0	BAD DATA	-76.49		
	799.82	187.048	0	BAD DATA	-82.45		
	799.86	187.071	0	BAD DATA	-83.83		
	799.9	187.095	0	BAD DATA	-86.72		
	799.94	187.119	0	BAD DATA	-88.43		