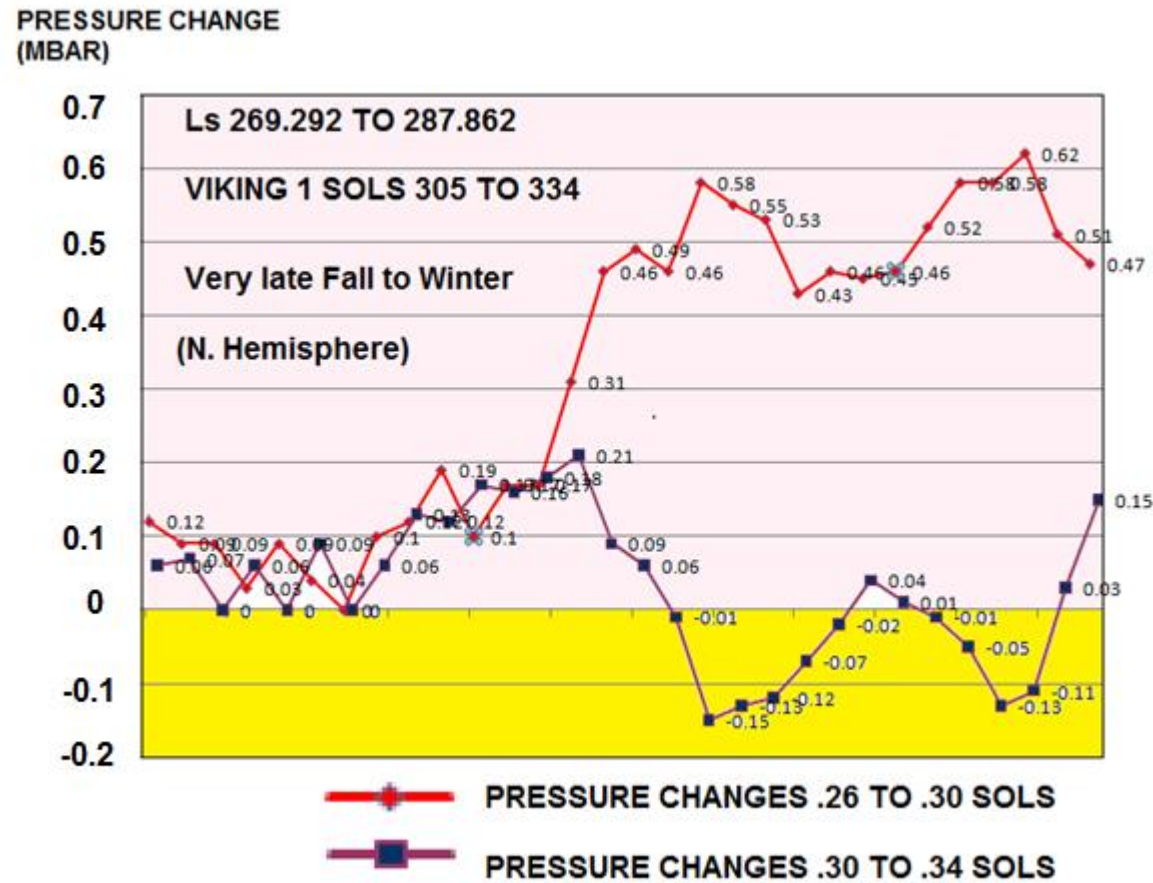


VIKING 1 PRESSURE CHANGES FOR SOLS 305 TO 334



SOL FRAGMENT .26 TO .3 = ~6.4 HOURS TO 7.4 HOURS AFTER MIDNIGHT, SOL FRAGMENT .3 TO .34 = ~ 7.4 HOURS TO 8.4 HOURS AFTER MIDNIGHT

VIKING 1 SOLS 305 TO 334	Sol	Pressure (mbar)	ΔP Time-bin 0.26 to 0.3	ΔP Time-bin 0.3 to 0.34	http://www-k12.atmos.washington.edu/k12/mars/data/vl1/segment3.html							
					Year	Ls	Sol	Wind Speed m/s	Wind Dir/deg	Pressure mbar	Temp °F	Temp °C
DATA SET 1	305.26	8.85			1	269.282	305.26	1.1	17	8.85	-139.02	-95.01
	305.3	8.97	0.12		1	269.308	305.30	2.7	20	8.97	-137.59	-94.22
	305.34	9.03		0.06	1	269.333	305.34	4.7	28	9.03	-128.04	-88.91
DATA SET 2	306.26	8.85			1	269.928	306.26	1.3	42	8.85	-139.97	-95.54
	306.3	8.94	0.09		1	269.954	306.30	1.6	49	8.94	-138.83	-94.91
	306.34	9.01		0.07	1	269.980	306.34	5.4	42	9.01	-128.97	-89.43

VIKING 1 SOLS 305 TO 334	Sol	Pressure (mbar)	ΔP Time-bin 0.26 to 0.3	ΔP Time-bin 0.3 to 0.34	Year	Ls	Sol	Wind Speed m/s	Wind Dir/deg	Pressure mbar	Temp °F	Temp °C
DATA SET 3	307.26	8.76			1	270.574	307.26	0.9	20	8.76	-139.25	-95.14
	307.3	8.85	0.09		1	270.600	307.30	2.3	38	8.85	-138.68	-94.82
	307.34	8.85		0	1	270.625	307.34	3.1	36	8.85	-129.42	-89.68
DATA SET 4	308.26	8.85			1	271.219	308.26	3.4	22	8.85	-139.42	-95.23
	308.3	8.88	0.03		1	271.245	308.30	3.5	21	8.88	-139.14	-95.08
	308.34	8.94		0.06	1	271.271	308.34	6.6	27	8.94	-129.91	-89.95
DATA SET 5	309.26	8.85			1	271.864	309.26	4.7	45	8.85	-138.86	-94.92
	309.3	8.94	0.09		1	271.890	309.30	5.3	59	8.94	-137.76	-94.31
	309.34	8.94		0	1	271.916	309.34	6.8	59	8.94	-129.98	-89.99
DATA SET 6	310.26	8.63			1	272.509	310.26	0.7	44	8.63	-138.11	-94.51
	310.3	8.67	0.04		1	272.535	310.30	1.9	37	8.67	-137.42	-94.12
	310.34	8.76		0.09	1	272.560	310.34	2.7	20	8.76	-129.72	-89.84
DATA SET 7	311.26	8.76			1	273.153	311.26	4.8	23	8.76	-137.73	-94.29
	311.3	8.76	0		1	273.179	311.30	2.6	38	8.76	-137.86	-94.37
	311.34	8.76		0	1	273.204	311.34	3.9	60	8.76	-129.38	-89.66
DATA SET 8	312.26	8.6			1	273.796	312.26	0.8	10	8.60	-135.49	-93.05
	312.3	8.7	0.1		1	273.822	312.30	0.7	27	8.70	-137.20	-94.00
	312.34	8.76		0.06	1	273.848	312.34	0.8	17	8.76	-121.97	-85.54
DATA SET 9	313.26	8.67			1	274.439	313.26	2.0	37	8.67	-134.43	-92.46
	313.3	8.79	0.12		1	274.465	313.30	1.0	50	8.79	-134.08	-92.26
	313.34	8.92		0.13	1	274.491	313.34	2.6	49	8.92	-127.31	-88.51
DATA SET 10	314.26	8.63			1	275.082	314.26	2.1	36	8.63	-123.09	-86.16
	314.3	8.82	0.19		1	275.108	314.30	2.9	55	8.82	-123.44	-86.35
	314.34	8.94		0.12	1	275.133	314.34	5.7	51	8.94	-119.53	-84.18
DATA SET 11	315.26	8.69			1	275.724	315.26	4.5	26	8.69	-123.79	-86.55
	315.3	8.79	0.1		1	275.750	315.30	4.0	38	8.79	-124.01	-86.67
	315.34	8.96		0.17	1	275.775	315.34	4.2	46	8.96	-120.48	-84.71

VIKING 1 SOLS 305 TO 334	Sol	Pressure (mbar)	ΔP Time-bin 0.26 to 0.3	ΔP Time-bin 0.3 to 0.34	Year	Ls	Sol	Wind Speed m/s	Wind Dir/deg	Pressure mbar	Temp °F	Temp °C
DATA SET 12	316.26	8.83			1	276.366	316.26	9.4	10	8.83	-122.08	-85.60
	316.3	9	0.17		1	276.391	316.30	6.6	24	9.00	-121.00	-85.00
	316.34	9.16		0.16	1	276.417	316.34	7.1	31	9.16	-118.37	-83.54
DATA SET 13	317.26	9.01			1	277.007	317.26	7.2	39	9.01	-122.06	-85.59
	317.3	9.18	0.17		1	277.032	317.30	7.9	54	9.18	-121.24	-85.14
	317.34	9.36		0.18	1	277.058	317.34	8.4	73	9.36	-119.10	-83.94
DATA SET 14	318.26	8.87			1	277.647	318.26	9.0	18	8.87	-119.03	-83.90
	318.3	9.18	0.31		1	277.673	318.30	9.4	40	9.18	-118.24	-83.46
	318.34	9.39		0.21	1	277.698	318.34	10.0	64	9.39	-116.54	-82.52
DATA SET 15	319.26	8.81			1	278.287	319.26	9.2	42	8.81	-114.75	-81.53
	319.3	9.27	0.46		1	278.313	319.30	11.2	54	9.27	-113.13	-80.63
	319.34	9.36		0.09	1	278.338	319.34	9.9	83	9.36	-112.02	-80.01
DATA SET 16	320.26	8.81			1	278.927	320.26	10.4	40	8.81	-114.17	-81.21
	320.3	9.3	0.49		1	278.952	320.30	10.6	55	9.30	-113.44	-80.80
	320.34	9.36		0.06	1	278.978	320.34	10.1	65	9.36	-112.80	-80.45
DATA SET 17	321.26	8.96			1	279.565	321.26	10.4	36	8.96	-117.61	-83.12
	321.3	9.42	0.46		1	279.591	321.30	10.2	57	9.42	-116.95	-82.75
	321.34	9.41		-0.01	1	279.616	321.34	7.9	66	9.41	-117.24	-82.91
DATA SET 18	322.26	8.87			1	280.203	322.26	7.7	39	8.87	-117.48	-83.04
	322.3	9.45	0.58		1	280.229	322.30	8.0	43	9.45	-116.55	-82.53
	322.34	9.3		-0.15	1	280.255	322.34	5.6	63	9.30	-117.36	-82.98
DATA SET 19	323.26	8.81			1	280.841	323.26	6.2	42	8.81	-117.05	-82.81
	323.3	9.36	0.55		1	280.867	323.30	7.8	59	9.36	-115.90	-82.16
	323.34	9.23		-0.13	1	280.892	323.34	4.9	70	9.23	-116.96	-82.76
DATA SET 20	324.26	8.83			1	281.478	324.26	5.6	33	8.83	-118.58	-83.66
	324.3	9.36	0.53		1	281.503	324.30	9.2	56	9.36	-116.62	-82.57
	324.34	9.24		-0.12	1	281.529	324.34	6.8	71	9.24	-117.72	-83.18

VIKING 1 SOLS 305 TO 334	Sol	Pressure (mbar)	ΔP Time-bin 0.26 to 0.3	ΔP Time-bin 0.3 to 0.34	Year	Ls	Sol	Wind Speed m/s	Wind Dir/deg	Pressure mbar	Temp °F	Temp °C
DATA SET 21	325.26	8.87			1	282.114	325.26	6.3	31	8.87	-119.30	-84.06
	325.3	9.3	0.43		1	282.140	325.30	7.0	46	9.30	-118.57	-83.65
	325.34	9.23		-0.07	1	282.165	325.34	7.0	50	9.23	-118.55	-83.64
DATA SET 22	326.26	8.81			1	282.750	326.26	4.9	43	8.81	-118.74	-83.75
	326.3	9.27	0.46		1	282.775	326.30	6.9	49	9.27	-117.85	-83.25
	326.34	9.25		-0.02	1	282.801	326.34	6.3	58	9.25	-118.29	-83.49
DATA SET 23	327.26	8.85			1	283.385	327.26	8.0	36	8.85	-120.11	-84.51
	327.3	9.3	0.45		1	283.410	327.30	8.6	57	9.30	-118.89	-83.83
	327.34	9.34		0.04	1	283.436	327.34	8.3	62	9.34	-118.29	-83.49
DATA SET 24	328.26	8.87			1	284.019	328.26	8.8	31	8.87	-121.15	-85.08
	328.3	9.33	0.46		1	284.045	328.30	9.2	60	9.33	-119.70	-84.28
	328.34	9.34		0.01	1	284.070	328.34	7.8	61	9.34	-119.70	-84.28
DATA SET 25	329.26	8.81			1	284.653	329.26	9.2	31	8.81	-122.24	-85.69
	329.3	9.33	0.52		1	284.678	329.30	10.5	63	9.33	-119.92	-84.40
	329.34	9.32		-0.01	1	284.704	329.34	9.1	65	9.32	-120.01	-84.45
DATA SET 26	330.26	8.81			1	285.286	330.26	8.6	29	8.81	-121.66	-85.37
	330.3	9.39	0.58		1	285.312	330.30	11.4	58	9.39	-119.58	-84.21
	330.34	9.34		-0.05	1	285.337	330.34	9.9	46	9.34	-120.31	-84.62
DATA SET 27	331.26	8.78			1	285.919	331.26	6.7	35	8.78	-120.51	-84.73
	331.3	9.36	0.58		1	285.944	331.30	9.3	46	9.36	-118.46	-83.59
	331.34	9.23		-0.13	1	285.969	331.34	6.5	47	9.23	-119.55	-84.19
DATA SET 28	332.26	8.74			1	286.550	332.26	7.1	23	8.74	-121.68	-85.38
	332.3	9.36	0.62		1	286.576	332.30	9.1	46	9.36	-119.57	-84.21
	332.34	9.25		-0.11	1	286.601	332.34	7.1	44	9.25	-120.60	-84.78
DATA SET 29	333.26	8.76			1	287.181	333.26	10.1	32	8.76	-122.66	-85.92
	333.3	9.27	0.51		1	287.206	333.30	12.4	62	9.27	-120.84	-84.91
	333.34	9.3		0.03	1	287.232	333.34	10.7	62	9.30	-121.36	-85.20

VIKING 1 SOLS 305 TO 334	Sol	Pressure (mbar)	ΔP Time-bin 0.26 to 0.3	ΔP Time-bin 0.3 to 0.34	Year	Ls	Sol	Wind Speed m/s	Wind Dir/deg	Pressure mbar	Temp °F	Temp °C
DATA SET 30	334.26	8.74			1	287.811	334.26	11.6	34	8.74	-124.57	-86.98
	334.3	9.21	0.47		1	287.837	334.30	12.2	61	9.21	-123.06	-86.15
	334.34	9.36		0.15	1	287.862	334.34	12.5	64	9.36	-122.56	-85.87
TOTALS COLUMNS C, D AND E			9.77	0.89								
			P INCREASE SOL .26 TO .30	P INCREASE SOL .30 TO .34								
AVERAGE OVER 30 SOLS (MBAR)			0.32566667	0.02966667	Data compiled by David A. Roffman and Barry S. Roffman. Published October 5, 2010							