Annex D
to
Critique of All NASA Mars Weather Data, With Emphasis on Pressure:
Percent Differences between Measured Pressures on Viking 1 and Gay-Lussac/Amonton's Law-Based Predictions

This Annex compares pressures recorded by the Vikings to pressures predicted by what is sometimes called Gay-Lussac's Law. The law is also known as Amonton's Law (http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch4/gaslaws3.html#amonton). It can be summed up as follows:

$$\frac{P_1}{T_1} = \frac{P_2}{T_2}$$

The above formula is the Pressure Law, which states that the pressure of a *fixed mass* of gas at a *constant volume* is directly proportional to its *absolute* temperature. Thus when temperature increases, pressure increases. When pressure decreases, temperature decreases.

There is an important difference between the law as stated above, and how it is applied in this Annex. Normally it would be expected that if a closed body were exposed to a cold temperature, the pressure would fall as the temperature inside came into equilibrium with the temperature outside. This is believed to be the case with the Phoenix lander on Mars because Phoenix had no heater. But the Viking 1 and 2 landers were heated by radioisotope thermoelectric generators (RTGs). As such, in line with the hypothesis that the pressure tube leading to the dust filters on each Viking could have clogged during the landing, an attempt was made to correlate the pressures recorded on Viking 1 (approximately one per hour) with the inverse of the temperature changes going on outside the Vikings. The idea here is that when it gets colder outside, the heater needs to come on to keep the equipment inside (including the pressure transducer) warm. When the heater comes on it would theoretically cause an increase in pressure at the pressure transducer behind the dust filter and the clot. Delays in pressure decline are believed to be related the effectiveness of the foam insulation used to protect the Vikings.

Data presented in the Appendices to this Annex has data presented as follows:

A	B	C	D	E	F	G	H
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference From Pressure Law

A = The sol (Martian day) of the Viking Mission. Each sols is divided into 25 equal length intervals or "time-bins." The increase on each line by .04 sols is about 59 minutes. For Viking 1 sol 1 (landing day) was on July 20, 1976. On the Martian calendar it was month 4, Ls 209, sol 209. For Viking 2 sol 1 was on September 3, 1976 still in month 4 but at Ls 117.6, sol 253.
B = Ls. This indicates where Mars is in its orbit around the sun. Ls 0 = spring, Ls 90 = summer, Ls 180 = fall, and Ls 270 = winter.
C = Measured pressure (in mbar)
D = change in pressure from the previous time-bin (in mbar)
E = Temperature Celsius.
F = Temperature Kelvin. This figure is required for gas law calculations.
G = Predicted pressure at Viking 1 in accordance with the following formula:

Predicted pressure = 6.51 (minimum pressure in mbar measured at VL-1) * 255.17 (maximum temperature at Viking 1) divide by temperature (Kelvin) for the time bin-bin in question.
H = Percent difference between the predicted pressure and measured pressure.

$$\% \text{ Difference} = \frac{[\text{Absolute value of predicted minus measured pressure}]}{(\text{Predicted} + \text{Measured pressure})/2} * 100$$

For Appendix 1 to this Annex (Viking 1 sols 1 to 116 and 134 to 199) between a summer Ls of 97 and an early fall Ls of 201, there was an overall 11.05% percent difference. However, in looking over the data flow it became very obvious that the pressures were often stuck for very long times despite large temperature swings. Where the pressure was stuck for at least four time-bins in a row, this status was indicated by coloring the row in yellow. But when this happened the problem became most severe in the summer when the pressure was not only stuck, but it occurred when the temperature was colder than -75° C at night or in the early morning hours. These incidents are highlighted with light blue shading at the Celsius temperature. In the case of Viking 1, when these time-bins were removed from consideration in Appendix 1, the percent difference dropped to 9.95%. While this particular point of data separation (-75° C) is somewhat arbitrary, the central idea here is that if the pressure reading is unnaturally stuck when it is coldest, the effects of increased pressure due to RTG heaters kicking on cannot be seen. There was often less than a 2% difference in predicted and measured temperatures when the temperatures were warmer than -40° C in this study.

Compounding the difficulty in improving the link between measured and predicted pressures is the issue of how the measured pressures were derived and transmitted back to Earth given a resolution of 0.088 mbar. This was discussed in Section 2.4.1 of this report (The issue of Viking pressure reports and digitization). It appears that the landers "required" a jump or drop by that much to give a more honest pressure difference, and that differences like 0.01 or 0.02 mbar are artificially imposed by interpolation or a cubic-spline technique of some kind of which the Viking Project states only that it "is not described here." The need to treat such pressures as real rather than artificial obviously impacted the accuracy of the percent difference studies in Appendixes 1 and 2. Of note, there was a remarkable pattern seen at the 0.3 time-bins with % differences dropping to about half their previous values, and a further reduction, often to under 2% by the 0.38 time-bin each sol. This is suspected to relate to when the RTG heaters came on in the morning.

For Appendix 2 to this Annex (Viking 1 sols 200 to 350) there was an overall 5.325% percent difference – a big improvement from Appendix 1. From sols 275.54 through 350.98, the percent difference actually dropped to only 4.8%. The combined percent difference from sols 1 to 116 and 134 to 350 was 8.448%. This includes all the periods when pressures were stuck for four or more time-bins. Here there was a tendency of the most accurate predictions (less than 2% difference) to occur at colder temperatures (colder than -80° C). As the study moved into the winter there no longer the wild temperature swings of the summer that often generated errors in percent difference of 20% or more (especially when pressures were stuck).

Note: Appendices 1 and 2 to this Annex are based on data that we have reformatted from Professor's Tillman's Viking Project web site at http://www-k12.atmos.washington.edu/k12/resources/mars_data-information/data.html. The information below does not include wind data available at the Viking Project site (as wind was not a factor in the Roffman Mars study of Viking pressures and temperatures). Scientists who would like the data below in Microsoft Excel or Word format should send their requests by e-mail to DavidARoffman@Gmail.com.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
1.02	97.196	7.71		-78.28	194.87	8.52443526	10.03342896		92.02	140.976	6.85	0	-77.66	195.49	8.497399867	21.46812986
1.06	97.215	7.7	-0.01	-81.1	192.05	8.64960531	11.61624752		92.06	140.997	6.85	0	-80.42	192.73	8.619087324	22.87254945
1.1	97.233	7.7	0	-82.96	190.19	8.7341958	12.58590097		92.1	141.017	6.85	0	-84.37	188.78	8.799431614	24.9137689
1.14	97.251	7.71	0.01	-84.38	188.77	8.79989776	13.20296195		92.14	141.038	6.85	0	-87.19	185.96	8.932871048	26.3940704
1.18	97.27	7.7	-0.01	-85.4	187.75	8.84770546	13.87147556		92.18	141.058	6.85	0	-85.94	187.21	8.873226323	25.73551104
1.22	97.288	7.7	0	-85.76	187.39	8.86470303	14.06246794		92.22	141.078	6.85	0	-78.78	194.37	8.546363636	22.03589986
1.26	97.306	7.72	0.02	-83.99	189.16	8.7817546	12.8683843		92.26	141.099	6.88	0.03	-68.25	204.9	8.107158126	16.37612836
1.3	97.325	7.7	-0.02	-74.99	198.16	8.38290624	8.492323804		92.3	141.119	6.94	0.06	-57.98	215.17	7.720205884	10.64385985
1.34	97.343	7.62	-0.08	-58.94	214.21	7.75480463	1.753578458		92.34	141.14	7	0.06	-50.38	222.77	7.456824079	6.319840045
1.38	97.361	7.6	-0.02	-52.89	220.26	7.54179924	0.768743025		92.38	141.16	6.97	-0.03	-43.75	229.4	7.241310811	3.818237662
1.42	97.38	7.62	0.02	-48.94	224.21	7.40893225	2.808818956		92.42	141.181	6.94	-0.03	-37.96	235.19	7.063041371	1.7573521
1.46	97.398	7.62	0	-38.35	234.8	7.074773	7.420693083		92.46	141.201	6.91	-0.03	-33.09	240.06	6.919756311	0.141091581
1.5	97.416	7.64	0.02	-34.26	238.89	6.95364687	9.406190783		92.5	141.222	6.85	-0.06	-29.09	244.06	6.806345571	0.639328128
1.54	97.435	7.62	-0.02	-33.61	239.54	6.93477791	9.41576844		92.54	141.242	6.77	-0.08	-26.26	246.89	6.72832719	0.617451469
1.58	97.453	7.53	-0.09	-30.24	242.91	6.83856861	9.624220941		92.58	141.263	6.75	-0.02	-25.48	247.67	6.70713732	0.637025233
1.62	97.471	7.51	-0.02	-27.76	245.39	6.76945556	10.37216631		92.62	141.283	6.68	-0.07	-25.95	247.2	6.719889563	0.59537152
1.66	97.49	7.53	0.02	-29.1	244.05	6.80662446	10.09129506		92.66	141.304	6.68	0	-28.5	244.65	6.78993133	1.632247823
1.7	97.508	7.53	0	-36.38	236.77	7.01590869	7.068534848		92.7	141.324	6.68	0	-33.56	239.59	6.93333069	3.721803219
1.74	97.526	7.51	-0.02	-49.54	223.61	7.42881222	1.086937584		92.74	141.345	6.68	0	-48.24	224.91	7.385873016	10.03667551
1.78	97.545	7.53	0.02	-60	213.15	7.79336946	3.437487543		92.78	141.365	6.77	0.09	-61.47	211.68	7.847490079	14.74247731
1.82	97.563	7.62	0.09	-62.88	210.27	7.90011271	3.609673685		92.82	141.386	6.85	0.08	-63.52	209.63	7.924231742	14.54196415
1.86	97.581	7.62	0	-68.68	204.47	8.12420746	6.404990081		92.86	141.406	6.94	0.09	-66.88	206.27	8.053312164	14.85078349
1.9	97.6	7.61	-0.01	-69.19	203.96	8.14452197	6.785632294		92.9	141.427	6.88	-0.06	-71.78	201.37	8.24927596	18.10101109
1.94	97.618	7.64	0.03	-72.97	200.18	8.29831502	8.260785608		92.94	141.447	6.85	-0.03	-74.64	198.51	8.368126039	19.95155034
1.98	97.636	7.7	0.06	-74.56	198.59	8.36475502	8.27594348		92.98	141.468	6.85	0	-75.99	197.16	8.425424528	20.62691646

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VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
2.02	97.655	7.71	0.01	-78.13	195.02	8.51787868	9.956676348		93.02	141.488	6.85	0	-78.06	195.09	8.51482239	21.67057122
2.06	97.673	7.7	-0.01	-80.78	192.37	8.63521703	11.45031655		93.06	141.509	6.85	0	-80.75	192.4	8.633870582	23.04166226
2.1	97.691	7.7	0	-82.05	191.1	8.6926044	12.11039285		93.1	141.529	6.85	0	-84.23	188.92	8.792910756	24.84078297
2.14	97.71	7.73	0.03	-83.03	190.12	8.73741163	12.23521531		93.14	141.55	6.85	0	-86.79	186.36	8.913697682	26.18291372
2.18	97.728	7.7	-0.03	-84.57	188.58	8.80876392	13.43242808		93.18	141.57	6.84	-0.01	-86.24	186.91	8.8874683	26.03684536
2.22	97.746	7.62	-0.08	-85.84	187.31	8.86848914	15.14376636		93.22	141.591	6.85	0.01	-81.08	192.07	8.648704639	23.2110319
2.26	97.765	7.64	0.02	-81.98	191.17	8.68942146	12.85313702		93.26	141.611	6.88	0.03	-72.55	200.6	8.280940678	18.48092025
2.3	97.783	7.68	0.04	-74.29	198.86	8.35339787	8.399939594		93.3	141.632	6.94	0.06	-62.56	210.59	7.888108172	12.78798565
2.34	97.801	7.62	-0.06	-65.51	207.64	8.00017675	4.867764998		93.34	141.652	6.99	0.05	-52.81	220.34	7.539060997	7.558107117
2.38	97.82	7.6	-0.02	-56.44	216.71	7.66534401	0.856109212		93.38	141.673	6.99	0	-44.13	229.02	7.25332591	3.697534018
2.42	97.838	7.62	0.02	-47.41	225.74	7.35871667	3.488727915		93.42	141.693	6.94	-0.05	-37.13	236.02	7.038203118	1.405089303
2.46	97.856	7.62	0	-39.73	233.42	7.11659969	6.831973712		93.46	141.714	6.85	-0.09	-32.51	240.64	6.903078042	0.771871456
2.5	97.875	7.58	-0.04	-36.75	236.4	7.02688959	7.573281122		93.5	141.734	6.85	0	-30.01	243.14	6.832099613	0.261661399
2.54	97.893	7.53	-0.05	-35.09	238.06	6.97789087	7.6111564		93.54	141.755	6.83	-0.02	-26.41	246.74	6.732417525	1.439012998
2.58	97.911	7.53	0	-30.96	242.19	6.8588988	9.328041165		93.58	141.775	6.77	-0.06	-25.52	247.63	6.708220733	0.916727344
2.62	97.93	7.56	0.03	-26.86	246.29	6.74471842	11.39877843		93.62	141.796	6.71	-0.06	-27.13	246.02	6.752120559	0.625764108
2.66	97.948	7.53	-0.03	-27.22	245.93	6.75459155	10.85657153		93.66	141.816	6.68	-0.03	-28.86	244.29	6.79993737	1.779494463
2.7	97.966	7.45	-0.08	-36.6	236.55	7.02243373	5.908698881		93.7	141.837	6.68	0	-33.79	239.36	6.939992898	3.81781253
2.74	97.985	7.45	0	-51.68	221.47	7.50059466	0.676824756		93.74	141.857	6.68	0	-48.1	225.05	7.381278383	9.974603496
2.78	98.003	7.51	0.06	-52.38	220.77	7.52437695	0.191254396		93.78	141.878	6.77	0.09	-60.9	212.25	7.826415548	14.47499962
2.82	98.021	7.57	0.06	-59.4	213.75	7.77149333	2.626776011		93.82	141.898	6.88	0.11	-63.09	210.06	7.908010568	13.90329772
2.86	98.04	7.62	0.05	-68.57	204.58	8.11983918	6.351261622		93.86	141.919	6.94	0.06	-66.78	206.37	8.049409798	14.80258146
2.9	98.058	7.62	0	-70.51	202.64	8.1975755	7.302958702		93.9	141.939	6.88	-0.06	-71.62	201.53	8.242726641	18.02223466
2.94	98.077	7.62	0	-72.48	200.67	8.27805203	8.278398192		93.94	141.96	6.85	-0.03	-73.7	199.45	8.32868739	19.48373206
2.98	98.095	7.7	0.08	-77.37	195.78	8.48481306	9.698141743		93.98	141.981	6.85	0	-73.82	199.33	8.3337014	19.5433427

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		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
3.02	98.113	7.7	0	-79.38	193.77	8.57282706	10.72741767		94.02	142.001	6.91	0.06	-77.89	195.26	8.507409096	20.7221471
3.06	98.132	7.7	0	-81.11	192.04	8.65005572	11.62143706		94.06	142.022	6.85	-0.06	-81.77	191.38	8.679886613	23.56600095
3.1	98.15	7.7	0	-82.51	190.64	8.713579	12.35049342		94.1	142.042	6.83	-0.02	-85.15	188	8.835939894	25.60893132
3.14	98.168	7.66	-0.04	-84.18	188.97	8.79058422	13.74521664		94.14	142.063	6.77	-0.06	-87.14	186.01	8.930469867	27.52108549
3.18	98.187	7.62	-0.04	-85.38	187.77	8.84676306	14.89986899		94.18	142.083	6.79	0.02	-86.74	186.41	8.911306797	27.02076743
3.22	98.205	7.62	0	-85.37	187.78	8.84629194	14.89457301		94.22	142.104	6.85	0.06	-83.02	190.13	8.736952085	24.21194439
3.26	98.223	7.64	0.02	-83.73	189.42	8.76970067	13.76869314		94.26	142.124	6.88	0.03	-75.41	197.74	8.40071154	19.90367446
3.3	98.242	7.65	0.01	-75.57	197.58	8.40751442	9.435014717		94.3	142.145	6.94	0.06	-63.46	209.69	7.921964328	13.21446219
3.34	98.26	7.62	-0.03	-59.73	213.42	7.78350998	2.123022357		94.34	142.165	6.97	0.03	-49.47	223.68	7.426487393	6.341649602
3.38	98.278	7.56	-0.06	-49.9	223.25	7.44079149	1.589362944		94.38	142.186	6.98	0.01	-41.98	231.17	7.185866246	2.906511216
3.42	98.297	7.53	-0.03	-44.93	228.22	7.27875164	3.393241549		94.42	142.206	6.94	-0.04	-36.78	236.37	7.027781444	1.2569132
3.46	98.315	7.53	0	-40.43	232.72	7.13800576	5.34488803		94.46	142.227	6.85	-0.09	-35.88	237.27	7.001124036	2.182119451
3.5	98.333	7.53	0	-37.89	235.26	7.06093981	6.429471916		94.5	142.248	6.8	-0.05	-31.52	241.63	6.874794934	1.093909412
3.54	98.352	7.53	0	-36.22	236.93	7.01117081	7.136002965		94.54	142.268	6.78	-0.02	-26.3	246.85	6.72941746	0.748848574
3.58	98.37	7.53	0	-33.39	239.76	6.92841466	8.321594715		94.58	142.289	6.77	-0.01	-25.08	248.07	6.696322409	1.094249622
3.62	98.389	7.51	-0.02	-29.01	244.14	6.80411526	9.862778458		94.62	142.309	6.74	-0.03	-26.72	246.43	6.740886662	0.01315435
3.66	98.407	7.48	-0.03	-28.02	245.13	6.77663566	9.867185414		94.66	142.33	6.68	-0.06	-28.81	244.34	6.798545879	1.759030681
3.7	98.425	7.45	-0.03	-36.64	236.51	7.02362141	5.891802425		94.7	142.35	6.68	0	-34.19	238.96	6.951609893	3.985000965
3.74	98.444	7.45	0	-51.92	221.23	7.50873164	0.785248886		94.74	142.371	6.68	0	-48.69	224.46	7.400680299	10.23644148
3.78	98.462	7.48	0.03	-52.49	220.66	7.52812789	0.641357662		94.78	142.391	6.77	0.09	-61.81	211.34	7.860114981	14.90234331
3.82	98.48	7.53	0.05	-64	209.15	7.94241788	5.331007539		94.82	142.412	6.85	0.08	-64.57	208.58	7.964122639	15.04135838
3.86	98.499	7.59	0.06	-70.51	202.64	8.1975755	7.69688168		94.86	142.433	6.94	0.09	-67.98	205.17	8.096489253	15.38243713
3.9	98.517	7.62	0.03	-71.83	201.32	8.25132476	7.955539519		94.9	142.453	6.85	-0.09	-72.59	200.56	8.282592242	18.93386432
3.94	98.536	7.62	0	-74.24	198.91	8.35129807	9.157653574		94.94	142.474	6.85	0	-75.67	197.48	8.411771825	20.46645492
3.98	98.554	7.7	0.08	-77.38	195.77	8.48524646	9.703237631		94.98	142.494	6.9	0.05	-77.6	195.55	8.494792636	20.71859847

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
4.02	98.572	7.7	0	-79.93	193.22	8.59722958	11.01082338		95.02	142.515	6.88	-0.02	-79.01	194.14	8.556488616	21.72111363
4.06	98.591	7.7	0	-81.53	191.62	8.66901524	11.83962779		95.06	142.535	6.85	-0.03	-81.22	191.93	8.655013286	23.28296342
4.1	98.609	7.7	0	-81.99	191.16	8.68987602	12.07911541		95.1	142.556	6.85	0	-84.52	188.63	8.806428988	24.99202072
4.14	98.627	7.66	-0.04	-83.28	189.87	8.7489161	13.27224899		95.14	142.577	6.85	0	-87.14	186.01	8.930469867	26.36765426
4.18	98.646	7.62	-0.04	-84.88	188.27	8.82326818	14.63538958		95.18	142.597	6.81	-0.04	-86.82	186.33	8.915132829	26.77411824
4.22	98.664	7.62	0	-85.47	187.68	8.85100543	14.94754452		95.22	142.618	6.85	0.04	-81.94	191.21	8.687603682	23.6536305
4.26	98.683	7.62	0	-83.31	189.84	8.75029867	13.80913929		95.26	142.638	6.92	0.07	-73.53	199.62	8.32159453	18.39170471
4.3	98.701	7.62	0	-74.81	198.34	8.37529848	9.444006043		95.3	142.659	6.94	0.02	-63.29	209.86	7.915547031	13.1337746
4.34	98.719	7.62	0	-60.17	212.98	7.7995901	2.329375829		95.34	142.679	6.97	0.03	-52.79	220.36	7.538376747	7.835152851
4.38	98.738	7.61	-0.01	-51.85	221.3	7.50635653	1.371275812		95.38	142.7	6.98	0.01	-43.13	230.02	7.221792453	3.405097682
4.42	98.756	7.58	-0.03	-46.75	226.4	7.33726458	3.254422723		95.42	142.72	6.94	-0.04	-35.31	237.84	6.984345358	0.636947118
4.46	98.774	7.53	-0.05	-40.12	233.03	7.12851006	5.477909217		95.46	142.741	6.85	-0.09	-30.33	242.82	6.841103286	0.129963428
4.5	98.793	7.52	-0.01	-37.48	235.67	7.04865575	6.470662232		95.5	142.762	6.85	0	-27.72	245.43	6.76835228	1.199083687
4.54	98.811	7.53	0.01	-36.53	236.62	7.02035627	7.005240603		95.54	142.782	6.85	0	-24.65	248.5	6.684735211	2.442083811
4.58	98.829	7.53	0	-33.26	239.89	6.92466005	8.375706454		95.58	142.803	6.79	-0.06	-26.37	246.78	6.731326283	0.867869265
4.62	98.848	7.45	-0.08	-28.64	244.51	6.79381907	9.213553335		95.62	142.823	6.77	-0.02	-26.74	246.41	6.741433789	0.422844995
4.66	98.866	7.45	0	-27.76	245.39	6.76945556	9.572018233		95.66	142.844	6.71	-0.06	-28.48	244.67	6.789376303	1.175999557
4.7	98.884	7.45	0	-36.46	236.69	7.01828003	5.967813319		95.7	142.865	6.68	-0.03	-33.95	239.2	6.944635033	3.884655006
4.74	98.903	7.45	0	-51.52	221.63	7.4951798	0.604607034		95.74	142.885	6.71	0.03	-49.06	224.09	7.412899728	9.954042602
4.78	98.921	7.47	0.02	-51.86	221.29	7.50669574	0.490037846		95.78	142.906	6.81	0.1	-62.41	210.74	7.882493594	14.59920451
4.82	98.94	7.53	0.06	-63.24	209.91	7.91366157	4.968531168		95.82	142.926	6.85	0.04	-64.4	208.75	7.957636886	14.9603464
4.86	98.958	7.62	0.09	-68.54	204.61	8.11864865	6.336613261		95.86	142.947	6.92	0.07	-67.69	205.46	8.085061326	15.52891122
4.9	98.976	7.66	0.04	-71.28	201.87	8.22884381	7.160292053		95.9	142.968	6.85	-0.07	-72.47	200.68	8.277639526	18.87458414
4.94	98.995	7.65	-0.01	-74.16	198.99	8.3479406	8.725380566		95.94	142.988	6.85	0	-75.1	198.05	8.387562232	20.1812102
4.98	99.013	7.62	-0.03	-77.11	196.04	8.47355999	10.60747266		95.98	143.009	6.92	0.07	-76.15	197	8.432267513	19.70090101

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
5.02	99.032	7.7	0.08	-78.23	194.92	8.52224861	10.1372952		96.02	143.029	6.88	-0.04	-78.81	194.34	8.547682927	21.61935703
5.06	99.05	7.62	-0.08	-79.2	193.95	8.56487084	11.67597631		96.06	143.05	6.85	-0.03	-81.75	191.4	8.678979624	23.5556961
5.1	99.068	7.62	0	-81.62	191.53	8.67308881	12.92681607		96.1	143.071	6.85	0	-84.93	188.22	8.82561205	25.20618708
5.14	99.087	7.63	0.01	-83.49	189.66	8.75860329	13.77302593		96.14	143.091	6.8	-0.05	-87.09	186.06	8.928069977	27.06078979
5.18	99.105	7.62	-0.01	-84.66	188.49	8.81296992	14.51922476		96.18	143.112	6.85	0.05	-86.63	186.52	8.906051362	26.0985613
5.22	99.124	7.62	0	-84.81	188.34	8.81998885	14.5984144		96.22	143.132	6.85	0	-82.39	190.76	8.70809761	23.88592302
5.26	99.142	7.62	0	-81.16	191.99	8.65230845	12.68791649		96.26	143.153	6.88	0.03	-74.87	198.28	8.377832863	19.63362525
5.3	99.16	7.62	0	-74.16	198.99	8.3479406	9.117526402		96.3	143.174	6.94	0.06	-64.98	208.17	7.97980833	13.93862852
5.34	99.179	7.62	0	-65.26	207.89	7.99055606	4.747506262		96.34	143.194	6.99	0.05	-53.89	219.26	7.576195841	8.048715629
5.38	99.197	7.62	0	-55.64	217.51	7.63715094	0.224824879		96.38	143.215	6.99	0	-43.82	229.33	7.243521127	3.562310752
5.42	99.215	7.53	-0.09	-46.46	226.69	7.32787816	2.720736275		96.42	143.235	6.94	-0.05	-37.26	235.89	7.042081903	1.460181728
5.46	99.234	7.53	0	-39.15	234	7.09896026	5.892964859		96.46	143.256	6.85	-0.09	-34.33	238.82	6.955685035	1.531036446
5.5	99.252	7.53	0	-35.41	237.74	6.98728317	7.476837467		96.5	143.277	6.85	0	-29.15	244	6.808019262	0.614741229
5.54	99.271	7.53	0	-33.47	239.68	6.93072722	8.288279991		96.54	143.297	6.85	0	-25.68	247.47	6.712557886	2.026787504
5.58	99.289	7.53	0	-30.88	242.27	6.85663392	9.360995531		96.58	143.318	6.81	-0.04	-25.84	247.31	6.716900651	1.376506731
5.62	99.307	7.45	-0.08	-27.39	245.76	6.75926392	9.7223345		96.62	143.338	6.77	-0.04	-26.72	246.43	6.740886662	0.430961183
5.66	99.326	7.45	0	-27.35	245.8	6.75816395	9.738570695		96.66	143.359	6.73	-0.04	-28.72	244.43	6.79604263	0.976525531
5.7	99.344	7.45	0	-36.16	236.99	7.00939576	6.094365938		96.7	143.38	6.68	-0.05	-34.23	238.92	6.952773732	4.001734895
5.74	99.363	7.45	0	-50.82	222.33	7.47158143	0.289264688		96.74	143.4	6.77	0.09	-49.05	224.1	7.412568942	9.061390007
5.78	99.381	7.49	0.04	-51.81	221.34	7.505	0.200066689		96.78	143.421	6.81	0.04	-61.82	211.33	7.860486916	14.32109135
5.82	99.399	7.53	0.04	-63.32	209.83	7.91667874	5.006626297		96.82	143.442	6.91	0.1	-63.34	209.81	7.917433392	13.5887765
5.86	99.418	7.53	0	-68.82	204.33	8.1297739	7.660058174		96.86	143.462	6.94	0.03	-67.04	206.11	8.059563825	14.92795175
5.9	99.436	7.57	0.04	-71.03	202.12	8.21866564	8.216851997		96.9	143.483	6.85	-0.09	-72.65	200.5	8.285070823	18.96351645
5.94	99.454	7.62	0.05	-73.24	199.91	8.30952279	8.657168134		96.94	143.504	6.85	0	-75.93	197.22	8.422861272	20.59681213
5.98	99.473	7.67	0.05	-76.2	196.95	8.43440823	9.493155101		96.98	143.524	6.85	0	-77.44	195.71	8.487847836	21.35694465

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
6.02	99.491	7.7	0.03	-79.66	193.49	8.58523283	10.87160175		97.02	143.545	6.85	0	-79.44	193.71	8.575482422	22.37184387
6.06	99.51	7.62	-0.08	-80.62	192.53	8.62804082	12.40815229		97.06	143.565	6.85	0	-82.03	191.12	8.691694747	23.70005044
6.1	99.528	7.58	-0.04	-81.78	191.37	8.68034018	13.53403639		97.1	143.586	6.83	-0.02	-85.34	187.81	8.844878867	25.70838198
6.14	99.547	7.58	0	-83.08	190.07	8.73971011	14.21238612		97.14	143.607	6.77	-0.06	-87.82	185.33	8.963236929	27.88030128
6.18	99.565	7.6	0.02	-84.41	188.74	8.80129649	14.64879917		97.18	143.627	6.83	0.06	-88.88	184.27	9.014797308	27.57747248
6.22	99.583	7.62	0.02	-85.64	187.51	8.85902992	15.03765603		97.22	143.648	6.85	0.02	-82.82	190.33	8.727771239	24.10834272
6.26	99.602	7.62	0	-85.01	188.14	8.82936483	14.70409158		97.26	143.669	6.9	0.05	-74.81	198.34	8.375298477	19.3161329
6.3	99.62	7.62	0	-74.17	198.98	8.34836014	9.122541457		97.3	143.689	6.94	0.04	-64.93	208.22	7.977892133	13.91472903
6.34	99.639	7.62	0	-55.42	217.73	7.62943416	0.1237313		97.34	143.71	6.96	0.02	-54.58	218.57	7.600113007	8.792692845
6.38	99.657	7.59	-0.03	-57.29	215.86	7.69552812	1.380758574		97.38	143.731	6.96	0	-44.97	228.18	7.28002761	4.494761085
6.42	99.675	7.56	-0.03	-47.65	225.5	7.36654856	2.59204518		97.42	143.751	6.94	-0.02	-37.28	235.87	7.042679018	1.468660161
6.46	99.694	7.53	-0.03	-39.37	233.78	7.10564077	5.798983908		97.46	143.772	6.9	-0.04	-32.75	240.4	6.909969634	0.144383141
6.5	99.712	7.53	0	-35.77	237.38	6.99787977	7.325504307		97.5	143.792	6.85	-0.05	-31.14	242.01	6.864000248	0.204174532
6.54	99.73	7.53	0	-34.07	239.08	6.94812071	8.038049949		97.54	143.813	6.85	0	-27.43	245.72	6.760364236	1.317169221
6.58	99.749	7.53	0	-31.82	241.33	6.88334107	8.973060843		97.58	143.834	6.85	0	-25.63	247.52	6.711201923	2.046987836
6.62	99.767	7.49	-0.04	-28.04	245.11	6.77718861	9.992317482		97.62	143.854	6.77	-0.08	-27.57	245.58	6.764218177	0.085440068
6.66	99.786	7.45	-0.04	-27.5	245.65	6.76229066	9.677670674		97.66	143.875	6.77	0	-29.16	243.99	6.808298291	0.564110319
6.7	99.804	7.45	0	-36.36	236.79	7.0153161	6.010015876		97.7	143.896	6.77	0	-34.34	238.81	6.955976299	2.709844387
6.74	99.823	7.45	0	-51.64	221.51	7.49924021	0.658765451		97.74	143.916	6.77	0	-49.73	223.42	7.4351298	9.364642347
6.78	99.841	7.49	0.04	-52.29	220.86	7.52131079	0.417162572		97.78	143.937	6.81	0.04	-62.88	210.27	7.900112712	14.82126933
6.82	99.859	7.53	0.04	-64.05	209.1	7.94431707	5.354899621		97.82	143.958	6.88	0.07	-63.84	209.31	7.936346567	14.25920435
6.86	99.878	7.53	0	-68.85	204.3	8.13096769	7.674719804		97.86	143.978	6.94	0.06	-67.32	205.83	8.07052762	15.06312967
6.9	99.896	7.57	0.04	-71.55	201.6	8.23986458	8.474007855		97.9	143.999	6.85	-0.09	-73.04	200.11	8.30121783	19.15645127
6.94	99.915	7.62	0.05	-74.22	198.93	8.35045845	9.147620338		97.94	144.02	6.85	0	-76.4	196.75	8.442981957	20.83284949
6.98	99.933	7.62	0	-75.92	197.23	8.42243421	10.00389596		97.98	144.04	6.85	0	-77.93	195.22	8.509152239	21.6047372

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
7.02	99.951	7.62	0	-79.21	193.94	8.56531247	11.68111483		98.02	144.061	6.85	0	-80.03	193.12	8.601681338	22.6730192
7.06	99.97	7.62	0	-81.78	191.37	8.68034018	13.01003742		98.06	144.082	6.85	0	-82.21	190.94	8.699888447	23.79294814
7.1	99.988	7.62	0	-82.92	190.23	8.73235925	13.60487783		98.1	144.102	6.85	0	-84.48	188.67	8.804561934	24.97114824
7.14	100.007	7.62	0	-83.19	189.96	8.744771	13.74624801		98.14	144.123	6.85	0	-86.38	186.77	8.894130214	25.96688653
7.18	100.025	7.62	0	-85.56	187.59	8.85525188	14.9952412		98.18	144.144	6.85	0	-87.39	185.76	8.942488695	26.49979665
7.22	100.043	7.62	0	-85.58	187.57	8.85619609	15.00584334		98.22	144.164	6.85	0	-86.59	186.56	8.904141831	26.07748303
7.26	100.062	7.62	0	-83.17	189.98	8.74385041	13.73576973		98.26	144.185	6.9	0.05	-81.6	191.55	8.672183242	22.76088349
7.3	100.08	7.62	0	-74.74	198.41	8.37234363	9.408797725		98.3	144.206	6.94	0.04	-69.65	203.5	8.162932187	16.19463256
7.34	100.099	7.62	0	-59.73	213.42	7.78350998	2.123022357		98.34	144.226	6.97	0.03	-50.92	222.23	7.474943527	6.991284196
7.38	100.117	7.58	-0.04	-50.78	222.37	7.47023744	1.458615631		98.38	144.247	6.97	0	-37.35	235.8	7.04476972	1.067013181
7.42	100.136	7.53	-0.05	-45.89	227.26	7.30949881	2.971814491		98.42	144.268	6.94	-0.03	-36.49	236.66	7.019169695	1.134303782
7.46	100.154	7.53	0	-40.5	232.65	7.14015345	5.314825805		98.46	144.288	6.88	-0.06	-33.21	239.94	6.923217054	0.626188143
7.5	100.172	7.53	0	-37.37	235.78	7.04536729	6.650023958		98.5	144.309	6.85	-0.03	-30.46	242.69	6.844767811	0.076411507
7.54	100.191	7.53	0	-35.23	237.92	6.98199689	7.552414936		98.54	144.33	6.85	0	-29.24	243.91	6.810531344	0.577849506
7.58	100.209	7.47	-0.06	-31.75	241.4	6.88134507	8.203480952		98.58	144.351	6.85	0	-25.11	248.04	6.697132317	2.256827187
7.62	100.228	7.45	-0.02	-27.45	245.7	6.76091453	9.697975013		98.62	144.371	6.77	-0.08	-27.4	245.75	6.759538962	0.154639972
7.66	100.246	7.45	0	-27.07	246.08	6.75047424	9.852146518		98.66	144.392	6.77	0	-30.05	243.1	6.833223776	0.929541074
7.7	100.264	7.45	0	-36.32	236.83	7.01413123	6.026891759		98.7	144.413	6.77	0	-34.6	238.55	6.963557745	2.818756047
7.74	100.283	7.45	0	-51.85	221.3	7.50635653	0.753613081		98.74	144.433	6.77	0	-49.24	223.91	7.418858917	9.146033805
7.78	100.301	7.49	0.04	-52.68	220.47	7.53461559	0.593899973		98.78	144.454	6.81	0.04	-62.68	210.47	7.892605597	14.72671752
7.82	100.32	7.53	0.04	-64.47	208.68	7.96030621	5.555812837		98.82	144.475	6.88	0.07	-64.91	208.24	7.977125912	14.76901951
7.86	100.338	7.53	0	-69.51	203.64	8.15732027	7.997800265		98.86	144.495	6.88	0	-68.19	204.96	8.104784836	16.34704601
7.9	100.357	7.57	0.04	-72.63	200.52	8.28424446	9.010135626		98.9	144.516	6.85	-0.03	-72.69	200.46	8.286724035	18.98328901
7.94	100.375	7.62	0.05	-74.99	198.16	8.38290624	9.534596105		98.94	144.537	6.85	0	-74.87	198.28	8.377832863	20.06632035
7.98	100.393	7.62	0	-75	198.15	8.3833293	9.539631184		98.98	144.558	6.85	0	-75.38	197.77	8.399437225	20.32123812

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
8.02	100.412	7.62	0	-78.27	194.88	8.52399784	11.19918193		99.02	144.578	6.85	0	-78.91	194.24	8.552083505	22.10199035
8.06	100.43	7.62	0	-81.27	191.88	8.65726861	12.74499587		99.06	144.599	6.85	0	-82.14	191.01	8.696700173	23.75681209
8.1	100.449	7.62	0	-83.64	189.51	8.76553586	13.98228127		99.1	144.62	6.85	0	-84.78	188.37	8.818584169	25.12778625
8.14	100.467	7.62	0	-84.74	188.41	8.81671196	14.56145196		99.14	144.64	6.85	0	-86.55	186.6	8.902233119	26.05640868
8.18	100.485	7.62	0	-84.64	188.51	8.81203491	14.50867056		99.18	144.661	6.85	0	-87.13	186.02	8.929989786	26.36237177
8.22	100.504	7.62	0	-84.97	188.18	8.82748804	14.68294782		99.22	144.682	6.85	0	-85.89	187.26	8.870857097	25.70924835
8.26	100.522	7.62	0	-82.61	190.54	8.71815209	13.44279436		99.26	144.702	6.92	0.07	-80.72	192.43	8.632524554	22.02246392
8.3	100.541	7.62	0	-74.21	198.94	8.35003871	9.14260408		99.3	144.723	6.94	0.02	-69.21	203.94	8.145320683	15.9800472
8.34	100.559	7.62	0	-60.44	212.71	7.80949039	2.456210558		99.34	144.744	6.96	0.02	-51.46	221.69	7.493151247	7.377647104
8.38	100.578	7.58	-0.04	-52.27	220.88	7.52062975	0.786328084		99.38	144.765	6.97	0.01	-37.85	235.3	7.059739482	1.279275095
8.42	100.596	7.53	-0.05	-46.29	226.86	7.32238693	2.795686192		99.42	144.785	6.94	-0.03	-35.7	237.45	6.995816804	0.801055357
8.46	100.615	7.53	0	-37.9	235.25	7.06123996	6.425225599		99.46	144.806	6.88	-0.06	-33.33	239.82	6.926681261	0.676212626
8.5	100.633	7.51	-0.02	-33.35	239.8	6.92725897	8.072737846		99.5	144.827	6.85	-0.03	-28.63	244.52	6.793541224	0.827626427
8.54	100.651	7.48	-0.03	-31.97	241.18	6.88762211	8.246011589		99.54	144.847	6.85	0	-25.8	247.35	6.715814433	1.97828988
8.58	100.67	7.45	-0.03	-30.55	242.6	6.84730709	8.430859131		99.58	144.868	6.85	0	-26.31	246.84	6.729690083	1.771909618
8.62	100.688	7.45	0	-27.43	245.72	6.76036424	9.706095535		99.62	144.889	6.83	-0.02	-26.2	246.95	6.726692448	1.524081962
8.66	100.707	7.45	0	-27.24	245.91	6.75514091	9.783205945		99.66	144.91	6.77	-0.06	-28.92	244.23	6.801607911	0.465794632
8.7	100.725	7.45	0	-36.19	236.96	7.01028317	6.081718106		99.7	144.93	6.77	0	-34.34	238.81	6.955976299	2.709844387
8.74	100.744	7.45	0	-51.34	221.81	7.48909743	0.523424202		99.74	144.951	6.77	0	-49.35	223.8	7.422505362	9.195069444
8.78	100.762	7.43	-0.02	-51.68	221.47	7.50059466	0.945637659		99.78	144.972	6.79	0.02	-62.69	210.46	7.892980614	15.02393339
8.82	100.78	7.45	0.02	-63.47	209.68	7.92234214	6.145350345		99.82	144.993	6.85	0.06	-64.69	208.46	7.968707186	15.09858009
8.86	100.799	7.53	0.08	-69.26	203.89	8.14731816	7.875303102		99.86	145.013	6.85	0	-68.57	204.58	8.119839183	16.96530159
8.9	100.817	7.57	0.04	-70.41	202.74	8.19353211	7.911071018		99.9	145.034	6.8	-0.05	-73.73	199.42	8.329940327	20.22401006
8.94	100.836	7.58	0.01	-72.31	200.84	8.27104511	8.719237195		99.94	145.055	6.8	0	-75.67	197.48	8.411771825	21.1911123
8.98	100.854	7.62	0.04	-77.55	195.6	8.49262117	10.8315234		99.98	145.075	6.85	0.05	-75.33	197.82	8.397314225	20.29622007

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
9.02	100.873	7.62	0	-79.55	193.6	8.58035486	11.85597308		100.02	145.096	6.85	0	-78.49	194.66	8.53363146	21.88860887
9.06	100.891	7.62	0	-80.85	192.3	8.63836037	12.52722108		100.06	145.117	6.85	0	-81.66	191.49	8.674900517	23.50933605
9.1	100.909	7.62	0	-81.4	191.75	8.66313794	12.81249282		100.1	145.138	6.85	0	-84.67	188.48	8.8134375	25.070327
9.14	100.928	7.58	-0.04	-83.13	190.02	8.74200979	14.23856257		100.14	145.158	6.85	0	-86.67	186.48	8.907961712	26.11964351
9.18	100.946	7.54	-0.04	-85.23	187.92	8.83970147	15.86966003		100.18	145.179	6.85	0	-86.63	186.52	8.906051362	26.0985613
9.22	100.965	7.53	-0.01	-86.07	187.08	8.87939224	16.44658399		100.22	145.2	6.91	0.06	-83.7	189.45	8.768311956	23.70551066
9.26	100.983	7.58	0.05	-83.49	189.66	8.75860329	14.42722207		100.26	145.221	6.94	0.03	-77.67	195.48	8.497834561	20.18203466
9.3	101.002	7.6	0.02	-74.1	199.05	8.34542427	9.34969497		100.3	145.241	6.94	0	-68.52	204.63	8.117855153	15.64439479
9.34	101.02	7.53	-0.07	-60.05	213.1	7.79519803	3.460940976		100.34	145.262	6.95	0.01	-56.48	216.67	7.666759127	9.807360449
9.38	101.039	7.52	-0.01	-51.57	221.58	7.49687111	0.30803877		100.38	145.283	6.96	0.01	-42.77	230.38	7.210507423	3.535616828
9.42	101.057	7.53	0.01	-45.91	227.24	7.31014214	2.963015549		100.42	145.304	6.94	-0.02	-32.11	241.04	6.891622552	0.699519489
9.46	101.075	7.53	0	-39.07	234.08	7.09653409	5.927117202		100.46	145.324	6.88	-0.06	-33.25	239.9	6.924371405	0.642860199
9.5	101.094	7.49	-0.04	-35.62	237.53	6.99346062	6.856640104		100.5	145.345	6.85	-0.03	-29.8	243.35	6.826203822	0.347993912
9.54	101.112	7.45	-0.04	-34.45	238.7	6.95918182	6.812575315		100.54	145.366	6.85	0	-25.01	248.14	6.694433384	2.297129916
9.58	101.131	7.45	0	-32.52	240.63	6.90336492	7.616821366		100.58	145.387	6.85	0	-24.64	248.51	6.684466219	2.446107274
9.62	101.149	7.45	0	-28.75	244.4	6.79687684	9.168650309		100.62	145.407	6.77	-0.08	-27.41	245.74	6.759814031	0.150570716
9.66	101.168	7.45	0	-28.01	245.14	6.77635922	9.470318669		100.66	145.428	6.77	0	-30.19	242.96	6.837161261	0.98714581
9.7	101.186	7.36	-0.09	-36.65	236.5	7.02391839	4.67301882		100.7	145.449	6.68	-0.09	-34.82	238.33	6.969985734	4.248879665
9.74	101.205	7.36	0	-51.82	221.33	7.50533909	1.955408963		100.74	145.47	6.68	0	-48.98	224.17	7.410254271	10.36538103
9.78	101.223	7.39	0.03	-52.33	220.82	7.52267322	1.779335148		100.78	145.49	6.75	0.07	-61.56	211.59	7.850828016	15.07898066
9.82	101.241	7.45	0.06	-63.91	209.24	7.93900162	6.355209218		100.82	145.511	6.83	0.08	-63.18	209.97	7.9114002	14.67160765
9.86	101.26	7.53	0.08	-69.17	203.98	8.1437234	7.831239437		100.86	145.532	6.81	-0.02	-67.4	205.75	8.073665614	16.98056979
9.9	101.278	7.54	0.01	-71.4	201.75	8.23373829	8.796117664		100.9	145.553	6.77	-0.04	-73.31	199.84	8.312433447	20.45337647
9.94	101.297	7.53	-0.01	-74.01	199.14	8.34165261	10.22770125		100.94	145.574	6.77	0	-76.02	197.13	8.426706742	21.8034969
9.98	101.315	7.62	0.09	-77.54	195.61	8.492187	10.82642604		100.98	145.594	6.83	0.06	-76.41	196.74	8.443411101	21.12705656

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
10.02	101.334	7.63	0.01	-79.05	194.1	8.55825193	11.46821702		101.02	145.615	6.85	0.02	-78.95	194.2	8.553845005	22.1223338
10.06	101.352	7.62	-0.01	-80.5	192.65	8.62266649	12.34608239		101.06	145.636	6.9	0.05	-81.53	191.62	8.669015238	22.72481864
10.1	101.371	7.58	-0.04	-82.12	191.03	8.69578967	13.71103571		101.1	145.657	6.94	0.04	-84.06	189.09	8.785005553	23.4658811
10.14	101.389	7.55	-0.03	-84.44	188.71	8.80269567	15.32096843		101.14	145.677	6.94	0	-86.03	187.12	8.877494121	24.49811717
10.18	101.408	7.53	-0.02	-84.9	188.25	8.82420558	15.82718979		101.18	145.698	6.94	0	-86.83	186.32	8.915611314	24.92002705
10.22	101.426	7.53	0	-81.47	191.68	8.66630165	14.03161874		101.22	145.719	6.94	0	-85.59	187.56	8.856668266	24.26674073
10.26	101.444	7.53	0	-77.66	195.49	8.49739987	12.07182544		101.26	145.74	6.94	0	-80.53	192.62	8.624009449	21.6397896
10.3	101.463	7.53	0	-73.53	199.62	8.32159453	9.987569744		101.3	145.761	6.94	0	-69.64	203.51	8.16253108	16.18975088
10.34	101.481	7.53	0	-58.66	214.49	7.74468134	2.810943579		101.34	145.781	6.92	-0.02	-53.16	219.99	7.551055503	8.721623691
10.38	101.5	7.54	0.01	-47.3	225.85	7.35513261	2.482252353		101.38	145.802	6.88	-0.04	-40.3	232.85	7.134020614	3.625235343
10.42	101.518	7.53	-0.01	-41.81	231.34	7.18058572	4.750514884		101.42	145.823	6.85	-0.03	-37.45	235.7	7.047758591	2.845906268
10.46	101.537	7.5	-0.03	-39.45	233.7	7.10807317	5.365893567		101.46	145.844	6.85	0	-34.68	238.47	6.965893823	1.677688387
10.5	101.555	7.47	-0.03	-37.65	235.5	7.05374395	5.732076418		101.5	145.864	6.85	0	-32.04	241.11	6.889621749	0.576751677
10.54	101.574	7.45	-0.02	-34.64	238.51	6.96472559	6.733037116		101.54	145.885	6.85	0	-29.15	244	6.808019262	0.614741229
10.58	101.592	7.45	0	-30.07	243.08	6.833786	8.628160682		101.58	145.906	6.83	-0.02	-26.43	246.72	6.732963278	1.430907388
10.62	101.611	7.45	0	-27.8	245.35	6.7705592	9.555753599		101.62	145.927	6.77	-0.06	-27.79	245.36	6.770283257	0.004183919
10.66	101.629	7.39	-0.06	-29.55	243.6	6.81919828	8.034256586		101.66	145.948	6.73	-0.04	-29.86	243.29	6.827887295	1.443990393
10.7	101.648	7.36	-0.03	-36.19	236.96	7.01028317	4.867222527		101.7	145.968	6.68	-0.05	-35.21	237.94	6.981410019	4.412575553
10.74	101.666	7.39	0.03	-47.49	225.66	7.36132545	0.388772585		101.74	145.989	6.68	0	-50.26	222.89	7.452809458	10.93638827
10.78	101.685	7.45	0.06	-58.74	214.41	7.74757101	3.916033801		101.78	146.01	6.73	0.05	-62.98	210.17	7.903871628	16.04321341
10.82	101.703	7.51	0.06	-65.49	207.66	7.99940624	6.311089327		101.82	146.031	6.77	0.04	-63.86	209.29	7.937104974	15.87130813
10.86	101.721	7.53	0.02	-68.75	204.4	8.12698973	7.625855755		101.86	146.052	6.77	0	-67.85	205.3	8.091362396	17.78252035
10.9	101.74	7.52	-0.01	-70.78	202.37	8.20851263	8.754961665		101.9	146.072	6.77	0	-73.73	199.42	8.329940327	20.66154294
10.94	101.758	7.53	0.01	-73.27	199.88	8.31076996	9.857727419		101.94	146.093	6.83	0.06	-75.96	197.19	8.424142705	20.90111173
10.98	101.777	7.62	0.09	-77.17	195.98	8.4761542	10.63799699		101.98	146.114	6.9	0.07	-75.54	197.61	8.406238045	19.68136181

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
11.02	101.795	7.65	0.03	-79.13	194.02	8.56178074	11.24837251		102.02	146.135	6.94	0.04	-78.55	194.6	8.53626259	20.62852812
11.06	101.814	7.62	-0.03	-80.7	192.45	8.63162744	12.44955239		102.06	146.156	6.94	0	-81.04	192.11	8.646903857	21.90176924
11.1	101.832	7.53	-0.09	-81.86	191.29	8.68397041	14.23427306		102.1	146.176	6.94	0	-83.61	189.54	8.764148465	23.23142154
11.14	101.851	7.51	-0.02	-83.51	189.64	8.759527	15.3603359		102.14	146.197	6.88	-0.06	-85.79	187.36	8.866122438	25.22681309
11.18	101.869	7.53	0.02	-84.67	188.48	8.8134375	15.70584524		102.18	146.218	6.85	-0.03	-86.98	186.17	8.922794757	26.28316401
11.22	101.888	7.54	0.01	-83.78	189.37	8.77201616	15.105627		102.22	146.239	6.85	0	-86.31	186.84	8.890798009	25.93004507
11.26	101.906	7.53	-0.01	-78.99	194.16	8.55560723	12.75186216		102.26	146.26	6.85	0	-81.88	191.27	8.684878444	23.62269458
11.3	101.925	7.53	0	-69.64	203.51	8.16253108	8.061555862		102.3	146.28	6.94	0.09	-71.51	201.64	8.238230014	17.10647437
11.34	101.943	7.53	0	-59.91	213.24	7.79008019	3.395284987		102.34	146.301	6.95	0.01	-54.65	218.5	7.602547826	8.968159169
11.38	101.962	7.56	0.03	-53.5	219.65	7.56274391	0.03628853		102.38	146.322	6.9	-0.05	-37.15	236	7.038799576	1.991557099
11.42	101.98	7.53	-0.03	-47.22	225.93	7.35252822	2.384968209		102.42	146.343	6.85	-0.05	-25.07	248.08	6.696052483	2.272950251
11.46	101.999	7.45	-0.08	-39	234.15	7.09441256	4.889677635		102.46	146.364	6.85	0	-18.82	254.33	6.531501199	4.760285054
11.5	102.017	7.43	-0.02	-35.22	237.93	6.98170344	6.2212848		102.5	146.385	6.85	0	-17.38	255.77	6.494728467	5.324522472
11.54	102.035	7.45	0.02	-33.83	239.32	6.94115285	7.07166626		102.54	146.405	6.85	0	-19.76	253.39	6.555731086	4.39019568
11.58	102.054	7.45	0	-31.44	241.71	6.87251955	8.063950618		102.58	146.426	6.79	-0.06	-24.95	248.2	6.692815068	1.441611874
11.62	102.073	7.44	-0.01	-29.98	243.17	6.83125673	8.53103938		102.62	146.447	6.77	-0.02	-31.98	241.17	6.8879077	1.726585104
11.66	102.091	7.36	-0.08	-30.76	242.39	6.85323941	7.13082469		102.66	146.468	6.68	-0.09	-40.06	233.09	7.126675104	6.470422468
11.7	102.109	7.34	-0.02	-34.6	238.55	6.96355774	5.263617095		102.7	146.489	6.68	0	-48.44	224.71	7.392446709	10.1254135
11.74	102.128	7.36	0.02	-42.31	230.84	7.19613888	2.251436555		102.74	146.51	6.63	-0.05	-56.35	216.8	7.6621619	14.44374766
11.78	102.146	7.39	0.03	-53.58	219.57	7.56549939	2.34695453		102.78	146.53	6.71	0.08	-63.05	210.1	7.906504998	16.37197125
11.82	102.165	7.45	0.06	-63.67	209.48	7.92990596	6.240687803		102.82	146.551	6.77	0.06	-67.97	205.18	8.096094649	17.84052476
11.86	102.183	7.53	0.08	-68.74	204.41	8.12659214	7.620970615		102.86	146.572	6.83	0.06	-71.32	201.83	8.230474657	18.59801485
11.9	102.202	7.54	0.01	-71.86	201.29	8.25255452	9.023929881		102.9	146.593	6.85	0.02	-73.49	199.66	8.319927377	19.37949128
11.94	102.22	7.53	-0.01	-73.74	199.41	8.33035806	10.09255974		102.94	146.614	6.88	0.03	-74.87	198.28	8.377832863	19.63362525
11.98	102.239	7.62	0.09	-74.36	198.79	8.35633935	9.217873216		102.98	146.635	6.94	0.06	-75.85	197.3	8.419446021	19.26431486

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
12.02	102.257	7.57	-0.05	-78.56	194.59	8.53670127	12.00371514		103.02	146.655	6.91	-0.03	-78.4	194.75	8.529687805	20.98083621
12.06	102.276	7.53	-0.04	-81.07	192.08	8.64825437	13.82416604		103.06	146.676	6.89	-0.02	-82.56	190.59	8.715864946	23.39972763
12.1	102.294	7.53	0	-81.4	191.75	8.66313794	13.99528546		103.1	146.697	6.88	-0.01	-86.21	186.94	8.886042046	25.44763029
12.14	102.313	7.54	0.01	-82.72	190.43	8.72318805	14.55050565		103.14	146.718	6.84	-0.04	-88.58	184.57	9.000144661	27.27430471
12.18	102.331	7.53	-0.01	-84.57	188.58	8.80876392	15.65312928		103.18	146.739	6.82	-0.02	-88.82	184.33	9.011862963	27.68926144
12.22	102.35	7.53	0	-85.29	187.86	8.84252475	16.03326026		103.22	146.76	6.81	-0.01	-85.96	187.19	8.874174368	26.32174726
12.26	102.368	7.54	0.01	-82.86	190.29	8.72960586	14.62365929		103.26	146.78	6.81	0	-78.8	194.35	8.547243118	22.62441383
12.3	102.387	7.53	-0.01	-73.86	199.29	8.33537408	10.15260118		103.3	146.801	6.85	0.04	-67.34	205.81	8.07131189	16.37003366
12.34	102.405	7.51	-0.02	-59.43	213.72	7.77258422	3.436385084		103.34	146.822	6.87	0.02	-52.67	220.48	7.534273857	9.223288361
12.38	102.424	7.47	-0.04	-53.73	219.42	7.57067132	1.338654548		103.38	146.843	6.86	-0.01	-39.11	234.04	7.097746966	3.406666805
12.42	102.442	7.45	-0.02	-49.52	223.63	7.42814783	0.29374848		103.42	146.864	6.85	-0.01	-30.88	242.27	6.856633921	0.096798687
12.46	102.461	7.45	0	-39.38	233.77	7.10594473	4.727350568		103.46	146.885	6.86	0.01	-27.49	245.66	6.762015387	1.43862138
12.5	102.479	7.45	0	-35.89	237.26	7.00141912	6.208122234		103.5	146.906	6.85	-0.01	-24.22	248.93	6.673188045	2.614944857
12.54	102.498	7.45	0	-35.57	237.58	6.9919888	6.342771795		103.54	146.926	6.83	-0.02	-21.75	251.4	6.607624105	3.309750195
12.58	102.516	7.45	0	-32.09	241.06	6.89105078	7.795094418		103.58	146.947	6.76	-0.07	-24.17	248.98	6.67184794	1.312582763
12.62	102.535	7.37	-0.08	-29.71	243.44	6.82368017	7.69807162		103.62	146.968	6.72	-0.04	-28.36	244.79	6.786048041	0.978051329
12.66	102.553	7.36	-0.01	-33.46	239.69	6.93043807	6.011879163		103.66	146.989	6.67	-0.05	-33.61	239.54	6.934777908	3.892425285
12.7	102.572	7.37	0.01	-44.84	228.31	7.27588235	1.285243795		103.7	147.01	6.68	0.01	-41.43	231.72	7.168810202	7.059237506
12.74	102.59	7.36	-0.01	-53.12	220.03	7.54968277	2.544423962		103.74	147.031	6.7	0.02	-55.63	217.52	7.636799834	13.068465
12.78	102.609	7.39	0.03	-53.72	219.43	7.5703263	2.41072683		103.78	147.052	6.76	0.06	-62.99	210.16	7.904247716	15.60595181
12.82	102.627	7.45	0.06	-64.94	208.21	7.9782753	6.848144575		103.82	147.072	6.85	0.09	-65.95	207.2	8.017165541	15.70125169
12.86	102.646	7.53	0.08	-69.48	203.67	8.15611872	7.983092983		103.86	147.093	6.89	0.04	-70.77	202.38	8.208107026	17.46056011
12.9	102.664	7.54	0.01	-71.98	201.17	8.25747726	9.083440936		103.9	147.114	6.85	-0.04	-72.61	200.54	8.283418271	18.94374747
12.94	102.683	7.53	-0.01	-74.74	198.41	8.37234363	10.59395585		103.94	147.135	6.87	0.02	-75.08	198.07	8.386715303	19.88259298
12.98	102.701	7.62	0.09	-77.29	195.86	8.48134739	10.6990722		103.98	147.156	6.9	0.03	-76.06	197.09	8.428416967	19.94226762

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
13.02	102.72	7.57	-0.05	-79.65	193.5	8.58478915	12.56332272		104.02	147.177	6.89	-0.01	-78.33	194.82	8.526623037	21.23192651
13.06	102.738	7.53	-0.04	-81.62	191.53	8.67308881	14.10951732		104.06	147.198	6.87	-0.02	-83.32	189.83	8.750759627	24.08025822
13.1	102.757	7.53	0	-82.95	190.2	8.73373659	14.80270645		104.1	147.219	6.85	-0.02	-87.52	185.63	8.948751279	26.56857168
13.14	102.775	7.53	0	-83.96	189.19	8.78036207	15.33211911		104.14	147.239	6.82	-0.03	-89.98	183.17	9.068934323	28.30818326
13.18	102.794	7.54	0.01	-84.85	188.3	8.82186245	15.66890636		104.18	147.26	6.8	-0.02	-89.75	183.4	9.057561069	28.47299227
13.22	102.812	7.53	-0.01	-84.95	188.2	8.82654995	15.85358711		104.22	147.281	6.79	-0.01	-85.78	187.37	8.86564925	26.51629731
13.26	102.831	7.53	0	-82.61	190.54	8.71815209	14.62507351		104.26	147.302	6.79	0	-77.26	195.89	8.480048497	22.13546993
13.3	102.849	7.53	0	-73.19	199.96	8.30744499	9.817808233		104.3	147.323	6.81	0.02	-65.26	207.89	7.990556063	15.95286094
13.34	102.868	7.53	0	-57.04	216.11	7.68662579	2.058613973		104.34	147.344	6.83	0.02	-51.68	221.47	7.500594663	9.358923041
13.38	102.886	7.47	-0.06	-50.39	222.76	7.45715883	0.172051152		104.38	147.365	6.84	0.01	-40.08	233.07	7.127286652	4.113707397
13.42	102.905	7.44	-0.03	-46.64	226.51	7.33370138	1.439024865		104.42	147.386	6.85	0.01	-33.78	239.37	6.93970297	1.301013814
13.46	102.923	7.45	0.01	-37.51	235.64	7.04955313	5.523575306		104.46	147.407	6.87	0.02	-31.83	241.32	6.883626305	0.198148547
13.5	102.942	7.46	0.01	-32.66	240.49	6.90738367	7.692650764		104.5	147.427	6.85	-0.02	-27.63	245.52	6.765871212	1.23574594
13.54	102.96	7.45	-0.01	-32.24	240.91	6.89534141	7.732943681		104.54	147.448	6.82	-0.03	-22.74	250.41	6.633747454	2.768783143
13.58	102.979	7.4	-0.05	-32.84	240.31	6.91255753	6.811395785		104.58	147.469	6.75	-0.07	-23.78	249.37	6.661413562	1.321060415
13.62	102.997	7.36	-0.04	-31.81	241.34	6.88305585	6.697216525		104.62	147.49	6.7	-0.05	-26.54	246.61	6.735966506	0.535376533
13.66	103.016	7.36	0	-29.27	243.88	6.81136912	7.742807058		104.66	147.511	6.66	-0.04	-30.38	242.77	6.842512254	2.70338217
13.7	103.034	7.36	0	-35.7	237.45	6.9958168	5.07366737		104.7	147.532	6.68	0.02	-37.93	235.22	7.062140549	5.561586973
13.74	103.053	7.36	0	-52.13	221.02	7.51586598	2.095555111		104.74	147.553	6.73	0.05	-55.27	217.88	7.62418166	12.45883159
13.78	103.071	7.41	0.05	-52.84	220.31	7.5400876	1.740292195		104.78	147.574	6.79	0.06	-62.96	210.19	7.903119558	15.15157559
13.82	103.09	7.45	0.04	-64.64	208.51	7.96679632	6.704328268		104.82	147.595	6.89	0.1	-64.94	208.21	7.978275299	14.63889089
13.86	103.108	7.45	0	-68.54	204.61	8.11864865	8.589681272		104.86	147.616	6.91	0.02	-70.49	202.66	8.196766505	17.03563109
13.9	103.127	7.49	0.04	-71.44	201.71	8.23537108	9.47985359		104.9	147.637	6.85	-0.06	-72.17	200.98	8.26528361	18.72652405
13.94	103.145	7.53	0.04	-74.1	199.05	8.34542427	10.27278707		104.94	147.657	6.86	0.01	-75.18	197.97	8.390951659	20.07680168
13.98	103.164	7.53	0	-73.92	199.23	8.33788435	10.18263477		104.98	147.678	6.88	0.02	-76.16	196.99	8.432695568	20.27984637

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
14.02	103.182	7.53	0	-76.94	196.21	8.46621834	11.70549586		105.02	147.699	6.88	0	-78.25	194.9	8.52312314	21.33493481
14.06	103.201	7.53	0	-79.31	193.84	8.56973122	12.91613142		105.06	147.72	6.85	-0.03	-84.08	189.07	8.785934839	24.76263631
14.1	103.219	7.53	0	-81.88	191.27	8.68487844	14.24467594		105.1	147.741	6.82	-0.03	-88.82	184.33	9.011862963	27.68926144
14.14	103.238	7.53	0	-84.52	188.63	8.80642899	15.62678097		105.14	147.762	6.79	-0.03	-91.38	181.77	9.138783628	29.49106074
14.18	103.257	7.53	0	-85.9	187.25	8.87133084	16.35636588		105.18	147.783	6.78	-0.01	-90.67	182.48	9.103226107	29.25383157
14.22	103.275	7.53	0	-85.15	188	8.83593989	15.95924099		105.22	147.804	6.77	-0.01	-85.6	187.55	8.857140496	26.71173906
14.26	103.294	7.53	0	-82.93	190.22	8.73281832	14.79224932		105.26	147.825	6.77	0	-75.73	197.42	8.414328336	21.65822945
14.3	103.312	7.53	0	-74.37	198.78	8.35675973	10.40816061		105.3	147.846	6.77	0	-63.17	209.98	7.911023431	15.54419467
14.34	103.331	7.53	0	-57.8	215.35	7.71375296	2.41086248		105.34	147.867	6.79	0.02	-50.69	222.46	7.46721523	9.499965018
14.38	103.349	7.49	-0.04	-46.23	226.92	7.32045082	2.289588378		105.38	147.888	6.82	0.03	-41.06	232.09	7.157381619	4.827536779
14.42	103.368	7.45	-0.04	-40.62	232.53	7.14383821	4.195767845		105.42	147.908	6.85	0.03	-36.68	236.47	7.02480949	2.519811025
14.46	103.386	7.45	0	-37.75	235.4	7.05674044	5.421749424		105.46	147.929	6.87	0.02	-36.17	236.98	7.009691535	2.012891062
14.5	103.405	7.46	0.01	-34.8	238.35	6.96940088	6.799992917		105.5	147.95	6.85	-0.02	-31.05	242.1	6.861448575	0.166992932
14.54	103.423	7.45	-0.01	-30.65	242.5	6.85013072	8.389703423		105.54	147.971	6.8	-0.05	-23.73	249.42	6.660078181	2.079063981
14.58	103.442	7.4	-0.05	-25.35	247.8	6.70361864	9.87521534		105.58	147.992	6.73	-0.07	-23.39	249.76	6.651011771	1.180601737
14.62	103.46	7.36	-0.04	-21.94	251.21	6.61262171	10.69775314		105.62	148.013	6.67	-0.06	-24.73	248.42	6.686887932	0.252872253
14.66	103.479	7.36	0	-24.21	248.94	6.67291998	9.792402725		105.66	148.034	6.65	-0.02	-27.15	246	6.752669512	1.532075563
14.7	103.497	7.36	0	-35.95	237.2	7.00319013	4.968392979		105.7	148.055	6.68	0.03	-34.43	238.72	6.958598777	4.085445747
14.74	103.516	7.36	0	-52.55	220.6	7.53017543	2.285741111		105.74	148.076	6.77	0.09	-54.91	218.24	7.611605114	11.70391075
14.78	103.534	7.41	0.05	-53.66	219.49	7.56825687	2.113154683		105.78	148.097	6.81	0.04	-62.93	210.22	7.901991723	14.8449203
14.82	103.553	7.45	0.04	-64.93	208.22	7.97789213	6.843347474		105.82	148.118	6.93	0.12	-63.93	209.22	7.939760539	13.5813961
14.86	103.571	7.45	0	-70.19	202.96	8.18465067	9.39772414		105.86	148.139	6.94	0.01	-70.21	202.94	8.185457278	16.46835868
14.9	103.59	7.49	0.04	-72.55	200.6	8.28094068	10.03035512		105.9	148.16	6.85	-0.09	-71.73	201.42	8.24722818	18.50973123
14.94	103.609	7.53	0.04	-75.05	198.1	8.38544523	10.74987495		105.94	148.181	6.85	0	-75.29	197.86	8.395616598	20.27620972
14.98	103.627	7.53	0	-78.05	195.1	8.51438596	12.27078379		105.98	148.202	6.85	0	-76.26	196.89	8.436978516	20.76248769

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
15.02	103.646	7.53	0	-80.54	192.61	8.62445719	13.54990985		106.02	148.222	6.8	-0.05	-78.05	195.1	8.514385956	22.38922228
15.06	103.664	7.55	0.02	-81.14	192.01	8.65140722	13.59643892		106.06	148.243	6.77	-0.03	-80.38	192.77	8.617298854	24.01069702
15.1	103.683	7.53	-0.02	-82.09	191.06	8.69442426	14.35396715		106.1	148.264	6.77	0	-83.06	190.09	8.738790573	25.38935017
15.14	103.701	7.49	-0.04	-83.54	189.61	8.76091293	15.64112653		106.14	148.285	6.68	-0.09	-85.68	187.47	8.860920147	28.06680848
15.18	103.72	7.45	-0.04	-84.84	188.31	8.82139398	16.85650264		106.18	148.306	6.68	0	-85.84	187.31	8.868489136	28.15050538
15.22	103.738	7.45	0	-85.47	187.68	8.85100543	17.18919045		106.22	148.327	6.68	0	-85.62	187.53	8.858085106	28.03543798
15.26	103.757	7.49	0.04	-84.58	188.57	8.80923105	16.18764775		106.26	148.348	6.77	0.09	-83.93	189.22	8.778969982	25.84055387
15.3	103.775	7.53	0.04	-74.5	198.65	8.36222854	10.47340265		106.3	148.369	6.77	0	-64.52	208.63	7.962213967	16.18512968
15.34	103.794	7.53	0	-54.46	218.69	7.59594266	0.871914697		106.34	148.39	6.81	0.04	-49.91	223.24	7.441124798	8.857192781
15.38	103.812	7.49	-0.04	-48.14	225.01	7.38259055	1.444394614		106.38	148.411	6.85	0.04	-41.75	231.4	7.178723855	4.686439881
15.42	103.831	7.45	-0.04	-46.75	226.4	7.33726458	1.524763738		106.42	148.432	6.85	0	-34.48	238.67	6.960056563	1.593861154
15.46	103.85	7.45	0	-38.16	234.99	7.06905273	5.247549982		106.46	148.453	6.85	0	-29.67	243.48	6.822559142	0.401400459
15.5	103.868	7.46	0.01	-33.26	239.89	6.92466005	7.443206103		106.5	148.474	6.85	0	-30.82	242.33	6.854936244	0.072036
15.54	103.887	7.45	-0.01	-30.85	242.3	6.85578498	8.307338935		106.54	148.495	6.85	0	-26.41	246.74	6.732417525	1.731392446
15.58	103.905	7.4	-0.05	-26.7	246.45	6.74033962	9.330191423		106.58	148.516	6.85	0	-24.94	248.21	6.692545425	2.325332053
15.62	103.924	7.36	-0.04	-23.36	249.79	6.65021298	10.132423		106.62	148.537	6.8	-0.05	-25.43	247.72	6.705783546	1.3952016
15.66	103.942	7.36	0	-25.11	248.04	6.69713232	9.431051336		106.66	148.558	6.73	-0.07	-26.76	246.39	6.741981006	0.177865538
15.7	103.961	7.36	0	-36.21	236.94	7.01087491	4.858786918		106.7	148.579	6.68	-0.05	-35.03	238.12	6.976132622	4.336991012
15.74	103.979	7.36	0	-52.22	220.93	7.51892771	2.136279142		106.74	148.6	6.68	0	-55.13	218.02	7.619285845	13.13752107
15.78	103.998	7.41	0.05	-52.46	220.69	7.52710454	1.56796835		106.78	148.621	6.77	0.09	-62.13	211.02	7.872034404	15.05302301
15.82	104.016	7.45	0.04	-64.03	209.12	7.94355729	6.412517633		106.82	148.642	6.85	0.08	-61.99	211.16	7.866815211	13.81841379
15.86	104.035	7.45	0	-70.06	203.09	8.17941159	9.333833032		106.86	148.663	6.85	0	-67.34	205.81	8.07131189	16.37003366
15.9	104.054	7.49	0.04	-72.39	200.76	8.274341	9.950825144		106.9	148.684	6.85	0	-67.36	205.79	8.072096312	16.37968669
15.94	104.072	7.53	0.04	-74.29	198.86	8.35339787	10.36803176		106.94	148.705	6.77	-0.08	-73.48	199.67	8.319510693	20.53758699
15.98	104.091	7.55	0.02	-76.66	196.49	8.4541539	11.29899033		106.98	148.726	6.77	0	-70.64	202.51	8.202837885	19.13916247

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
16.02	104.109	7.53	-0.02	-79.4	193.75	8.573712	12.96237787		107.02	148.747	6.68	-0.09	-78.31	194.84	8.525747793	24.27697497
16.06	104.128	7.55	0.02	-80.19	192.96	8.60881374	13.1050925		107.06	148.768	6.68	0	-80.41	192.74	8.618640137	25.34395371
16.1	104.146	7.53	-0.02	-81.34	191.81	8.66042803	13.96415247		107.1	148.789	6.66	-0.02	-82.72	190.43	8.723188048	26.82393327
16.14	104.165	7.49	-0.04	-83.01	190.14	8.73649258	15.36367244		107.14	148.81	6.6	-0.06	-85.07	188.08	8.832181519	28.92891735
16.18	104.183	7.45	-0.04	-84.42	188.73	8.80176284	16.63527642		107.18	148.831	6.6	0	-85.07	188.08	8.832181519	28.92891735
16.22	104.202	7.45	0	-84.78	188.37	8.81858417	16.82487124		107.22	148.852	6.66	0.06	-82.18	190.97	8.698521757	26.54580681
16.26	104.221	7.48	0.03	-82.88	190.27	8.73052347	15.42853899		107.26	148.873	6.71	0.05	-82.67	190.48	8.720898257	26.06326895
16.3	104.239	7.52	0.04	-73.56	199.59	8.32284533	10.13511546		107.3	148.894	6.77	0.06	-65.5	207.65	7.999791476	16.65279402
16.34	104.258	7.53	0.01	-55.78	217.37	7.64206974	1.477316473		107.34	148.915	6.87	0.1	-53.15	220	7.550712273	9.440757986
16.38	104.276	7.53	0	-44.39	228.76	7.26156977	3.629502977		107.38	148.936	6.94	0.07	-44.69	228.46	7.271105226	4.659809649
16.42	104.295	7.49	-0.04	-39.92	233.23	7.1223972	5.031382468		107.42	148.956	6.94	0	-34.18	238.97	6.951318994	0.162965
16.46	104.313	7.45	-0.04	-38	235.15	7.06424282	5.315567349		107.46	148.978	6.98	0.04	-29.81	243.34	6.826484343	2.223819668
16.5	104.332	7.4	-0.05	-35.04	238.11	6.9764256	5.892624636		107.5	148.999	7.02	0.04	-25.85	247.3	6.71717226	4.408880283
16.54	104.35	7.36	-0.04	-30.42	242.73	6.84363985	7.270814507		107.54	149.019	7.02	0	-23.94	249.21	6.665690382	5.1778114
16.58	104.369	7.36	0	-24.87	248.28	6.69065853	9.527545885		107.58	149.041	7	-0.02	-24.62	248.53	6.683928298	4.619604761
16.62	104.387	7.36	0	-21.49	251.66	6.6007975	10.87620525		107.62	149.062	6.85	-0.15	-27.17	245.98	6.753218554	1.422919808
16.66	104.406	7.36	0	-23.96	249.19	6.66622537	9.89253504		107.66	149.083	6.81	-0.04	-27.17	245.98	6.753218554	0.837285714
16.7	104.425	7.36	0	-35.97	237.18	7.00378067	4.959966115		107.7	149.104	6.68	-0.13	-35.42	237.73	6.987577083	4.500828221
16.74	104.443	7.36	0	-52.77	220.38	7.53769262	2.385505277		107.74	149.125	6.68	0	-55.76	217.39	7.641366668	13.42562746
16.78	104.462	7.35	-0.01	-53.56	219.59	7.56481033	2.88049695		107.78	149.146	6.77	0.09	-59.88	213.27	7.788984386	13.99801468
16.82	104.48	7.36	0.01	-64.07	209.08	7.945077	7.645528394		107.82	149.167	6.85	0.08	-61.62	211.53	7.853054886	13.64416978
16.86	104.499	7.45	0.09	-71.44	201.71	8.23537108	10.01405798		107.86	149.188	6.77	-0.08	-69.18	203.97	8.144122665	18.42713374
16.9	104.517	7.51	0.06	-73.77	199.38	8.3316115	10.37282723		107.9	149.209	6.77	0	-71.5	201.65	8.237821473	19.56075338
16.94	104.536	7.53	0.02	-74.77	198.38	8.37360974	10.60903471		107.94	149.23	6.77	0	-71.47	201.68	8.236596093	19.54601941
16.98	104.555	7.54	0.01	-77.14	196.01	8.4748569	11.67487042		107.98	149.251	6.77	0	-72.61	200.54	8.283418271	20.10730378

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
17.02	104.573	7.53	-0.01	-80.57	192.58	8.62580071	13.565415		108.02	149.272	6.74	-0.03	-78.24	194.91	8.522685855	23.36005434
17.06	104.592	7.55	0.02	-82.08	191.07	8.69396923	14.08484848		108.06	149.293	6.68	-0.06	-80.64	192.51	8.628937198	25.46143044
17.1	104.61	7.53	-0.02	-83.64	189.51	8.76553586	15.1641022		108.1	149.314	6.67	-0.01	-82.87	190.28	8.730064642	26.75397395
17.14	104.629	7.49	-0.04	-85.15	188	8.83593989	16.48836027		108.14	149.335	6.66	-0.01	-84.64	188.51	8.812034905	27.81838224
17.18	104.647	7.45	-0.04	-85.94	187.21	8.87322632	17.43805171		108.18	149.356	6.68	0.02	-84.81	188.34	8.81998885	27.61277922
17.22	104.666	7.45	0	-85.51	187.64	8.85289224	17.21034795		108.22	149.377	6.73	0.05	-83.24	189.91	8.747073351	26.06530711
17.26	104.685	7.45	0	-83.17	189.98	8.74385041	15.9795277		108.26	149.398	6.8	0.07	-81.93	191.22	8.687149357	24.37051924
17.3	104.703	7.45	0	-73.3	199.85	8.31201751	10.93790833		108.3	149.419	6.9	0.1	-64.91	208.24	7.977125912	14.48029571
17.34	104.722	7.45	0	-56	217.15	7.64981211	2.646550963		108.34	149.44	6.98	0.08	-52.06	221.09	7.513486363	7.361739607
17.38	104.74	7.45	0	-50.54	222.61	7.46218364	0.16340517		108.38	149.461	7.02	0.04	-43.4	229.75	7.230279434	2.951232432
17.42	104.759	7.45	0	-47.8	225.35	7.37145196	1.059923637		108.42	149.482	7.01	-0.01	-33.86	239.29	6.942023068	0.974438351
17.46	104.777	7.45	0	-37.13	236.02	7.03820312	5.684581839		108.46	149.503	6.99	-0.02	-28.26	244.89	6.783276982	3.00179861
17.5	104.796	7.43	-0.02	-31.74	241.41	6.88106002	7.671548813		108.5	149.524	6.98	-0.01	-25.13	248.02	6.697672365	4.128299426
17.54	104.815	7.4	-0.03	-29.68	243.47	6.82283936	8.115969266		108.54	149.545	6.95	-0.03	-25.33	247.82	6.703077637	3.617094542
17.58	104.833	7.37	-0.03	-25.47	247.68	6.70686652	9.421606402		108.58	149.566	6.89	-0.06	-25.96	247.19	6.720161414	2.49576152
17.62	104.852	7.36	-0.01	-21.76	251.39	6.60788695	10.76917438		108.62	149.587	6.76	-0.13	-28.65	244.5	6.794096933	0.503123634
17.66	104.87	7.36	0	-23.3	249.85	6.64861597	10.1563785		108.66	149.608	6.7	-0.06	-28.55	244.6	6.791319297	1.353748952
17.7	104.889	7.31	-0.05	-34.8	238.35	6.96940088	4.77049593		108.7	149.629	6.6	-0.1	-36.36	236.79	7.015316103	6.100719216
17.74	104.908	7.28	-0.03	-52.01	221.14	7.51178756	3.134003305		108.74	149.65	6.6	0	-55.86	217.29	7.644883336	14.67029685
17.78	104.926	7.3	0.02	-53.14	220.01	7.55036907	3.371890259		108.78	149.671	6.72	0.12	-60.97	212.18	7.828997549	15.2450029
17.82	104.945	7.36	0.06	-63.97	209.18	7.9412788	7.597780688		108.82	149.692	6.84	0.12	-62.64	210.51	7.891105886	14.27056317
17.86	104.963	7.45	0.09	-69.38	203.77	8.15211611	9.000267737		108.86	149.713	6.82	-0.02	-68.43	204.72	8.114286342	17.33308593
17.9	104.982	7.51	0.06	-72.04	201.11	8.25994083	9.51101639		108.9	149.734	6.81	-0.01	-70.49	202.66	8.196766505	18.48188289
17.94	105	7.53	0.02	-74.67	198.48	8.36939087	10.55878024		108.94	149.755	6.8	-0.01	-72.34	200.81	8.272280763	19.5362704
17.98	105.019	7.54	0.01	-77.56	195.59	8.49305537	11.88863069		108.98	149.777	6.78	-0.02	-73.32	199.83	8.312849422	20.31226019

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
18.02	105.038	7.53	-0.01	-80.63	192.52	8.62848899	13.59643205		109.02	149.798	6.8	0.02	-78.17	194.98	8.519626115	22.44997499
18.06	105.056	7.49	-0.04	-81.3	191.85	8.65862236	14.47333816		109.06	149.819	6.68	-0.12	-80.87	192.28	8.639258893	25.57902973
18.1	105.075	7.45	-0.04	-82.42	190.73	8.70946731	15.58798054		109.1	149.84	6.68	0	-83.02	190.13	8.736952085	26.68428979
18.14	105.093	7.44	-0.01	-84.14	189.01	8.78872388	16.62144094		109.14	149.861	6.71	0.03	-84.21	188.94	8.791979994	26.86082674
18.18	105.112	7.44	0	-85.5	187.65	8.85242046	17.33837482		109.18	149.882	6.77	0.06	-84.54	188.61	8.807362812	26.15799396
18.22	105.131	7.45	0.01	-85.47	187.68	8.85100543	17.18919045		109.22	149.903	6.8	0.03	-84.31	188.84	8.796635776	25.60341608
18.26	105.149	7.45	0	-83	190.15	8.73603313	15.89065241		109.26	149.924	6.9	0.1	-81.18	191.97	8.653209877	22.54466943
18.3	105.168	7.45	0	-73.56	199.59	8.32284533	11.0676966		109.3	149.945	7.02	0.12	-64.31	208.84	7.954207527	12.4775555
18.34	105.186	7.45	0	-57.37	215.78	7.69838122	3.279310416		109.34	149.966	7.1	0.08	-50.97	222.18	7.476625709	5.167529391
18.38	105.205	7.47	0.02	-50.38	222.77	7.45682408	0.176540184		109.38	149.987	7.11	0.01	-42.11	231.04	7.189909539	1.117623007
18.42	105.223	7.45	-0.02	-46.36	226.79	7.32464703	1.696865847		109.42	150.008	7.07	-0.04	-33.55	239.6	6.933041319	1.956127644
18.46	105.242	7.36	-0.09	-37.44	235.71	7.04745959	4.338591517		109.46	150.029	7.01	-0.06	-26.7	246.45	6.740339623	3.922235883
18.5	105.261	7.36	0	-32.83	240.32	6.91226989	6.274126166		109.5	150.05	6.94	-0.07	-24.4	248.75	6.678016884	3.847595693
18.54	105.279	7.36	0	-30.54	242.61	6.84702485	7.221429547		109.54	150.071	6.88	-0.06	-26.72	246.43	6.740886662	2.042647324
18.58	105.298	7.36	0	-26.26	246.89	6.72832719	8.967321687		109.58	150.093	6.79	-0.09	-27.3	245.85	6.756789506	0.490307968
18.62	105.316	7.36	0	-22.73	250.42	6.63348255	10.38365465		109.62	150.114	6.66	-0.13	-30.14	243.01	6.835754496	2.604589403
18.66	105.335	7.36	0	-24.53	248.62	6.68150873	9.664079337		109.66	150.135	6.58	-0.08	-29.93	243.22	6.829852397	3.726400405
18.7	105.354	7.28	-0.08	-36.19	236.96	7.01028317	3.774828345		109.7	150.156	6.51	-0.07	-37.29	235.86	7.042977614	7.865099892
18.74	105.372	7.28	0	-53.09	220.06	7.54865355	3.623438206		109.74	150.177	6.51	0	-55.96	217.19	7.648403241	16.0809552
18.78	105.391	7.31	0.03	-53.22	219.93	7.55311554	3.271394024		109.78	150.198	6.66	0.15	-62.05	211.1	7.869051161	16.64322256
18.82	105.409	7.36	0.05	-64.12	209.03	7.94697747	7.669410484		109.82	150.219	6.83	0.17	-63.66	209.49	7.929527424	14.89922261
18.86	105.428	7.45	0.09	-68.95	204.2	8.13494956	8.789884839		109.86	150.24	6.88	0.05	-67.68	205.47	8.084667835	16.10016137
18.9	105.447	7.46	0.01	-71.92	201.23	8.25501516	10.11790506		109.9	150.261	6.85	-0.03	-69.49	203.66	8.156519199	17.4126882
18.94	105.465	7.45	-0.01	-75.08	198.07	8.3867153	11.8296665		109.94	150.282	6.83	-0.02	-73.22	199.93	8.308691542	19.53526218
18.98	105.484	7.48	0.03	-77.55	195.6	8.49262117	12.67946138		109.98	150.303	6.79	-0.04	-74.03	199.12	8.342490458	20.51863786

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
19.02	105.502	7.53	0.05	-79.53	193.62	8.57946855	13.02921376		110.02	150.324	6.77	-0.02	-80.17	192.98	8.607921546	23.90338045
19.06	105.521	7.45	-0.08	-81.78	191.37	8.68034018	15.25498117		110.06	150.346	6.77	0	-82	191.15	8.69033063	24.84203833
19.1	105.54	7.45	0	-83.03	190.12	8.73741163	15.90633097		110.1	150.367	6.77	0	-83.48	189.67	8.758141509	25.60694733
19.14	105.558	7.45	0	-85.16	187.99	8.83640992	17.02535946		110.14	150.388	6.77	0	-84.33	188.82	8.797567525	26.04861063
19.18	105.577	7.45	0	-84.84	188.31	8.82139398	16.85650264		110.18	150.409	6.81	0.04	-84.25	188.9	8.793841715	25.42760624
19.22	105.595	7.45	0	-86.06	187.09	8.87891763	17.50168217		110.22	150.43	6.91	0.1	-84.47	188.68	8.804095294	24.10695949
19.26	105.614	7.45	0	-80.29	192.86	8.61327751	14.48368811		110.26	150.451	6.98	0.07	-83.31	189.84	8.750298673	22.50813808
19.3	105.633	7.45	0	-69.84	203.31	8.17056072	9.225798395		110.3	150.472	7.08	0.1	-55.21	217.94	7.622082683	7.374229828
19.34	105.651	7.45	0	-56.81	216.34	7.67845382	3.020187329		110.34	150.493	7.11	0.03	-41.76	231.39	7.179034098	0.966252831
19.38	105.67	7.45	0	-48.49	224.66	7.39409196	0.753269906		110.38	150.514	7.11	0	-40.12	233.03	7.128510063	0.26
19.42	105.688	7.45	0	-43.16	229.99	7.22273447	3.097793854		110.42	150.535	7	-0.11	-34.92	238.23	6.972911472	0.387729185
19.46	105.707	7.41	-0.04	-42.61	230.54	7.20550317	2.798355023		110.46	150.556	6.94	-0.06	-30.49	242.66	6.845614028	1.369340124
19.5	105.726	7.36	-0.05	-37.53	235.62	7.05015152	4.300419527		110.5	150.578	6.85	-0.09	-32.06	241.09	6.890193289	0.58504692
19.54	105.744	7.36	0	-31.3	241.85	6.86854124	6.90806945		110.54	150.599	6.77	-0.08	-25.38	247.77	6.704430318	0.973246067
19.58	105.763	7.36	0	-32.47	240.68	6.90193078	6.423663494		110.58	150.62	6.66	-0.11	-24.79	248.36	6.688503382	0.427064838
19.62	105.782	7.36	0	-33.2	239.95	6.92292853	6.120194082		110.62	150.641	6.6	-0.06	-27.79	245.36	6.770283257	2.547189973
19.66	105.8	7.33	-0.03	-33.76	239.39	6.93912319	5.47863813		110.66	150.662	6.51	-0.09	-28.24	244.91	6.782723041	4.103343465
19.7	105.819	7.3	-0.03	-36.1	237.05	7.0076216	4.087030107		110.7	150.683	6.51	0	-36.36	236.79	7.015316103	7.472152207
19.74	105.837	7.28	-0.02	-42.33	230.82	7.19676241	1.149947555		110.74	150.704	6.54	0.03	-54.43	218.72	7.594900786	14.92618593
19.78	105.856	7.31	0.03	-53.28	219.87	7.5551767	3.298671793		110.78	150.725	6.66	0.12	-61.71	211.44	7.85639756	16.48339479
19.82	105.875	7.36	0.05	-64.16	208.99	7.94849849	7.688520112		110.82	150.747	6.85	0.19	-62.93	210.22	7.901991723	14.26236867
19.86	105.893	7.42	0.06	-70.26	202.89	8.18747449	9.834704441		110.86	150.768	6.8	-0.05	-68.54	204.61	8.118648649	17.67785648
19.9	105.912	7.45	0.03	-72.89	200.26	8.295	10.73356621		110.9	150.789	6.77	-0.03	-70.55	202.6	8.199193978	19.09513606
19.94	105.931	7.46	0.01	-74.42	198.73	8.35886228	11.36443645		110.94	150.81	6.85	0.08	-73.17	199.98	8.306614161	19.22083845
19.98	105.949	7.45	-0.01	-75.61	197.54	8.40921687	12.0966486		110.98	150.831	6.85	0	-72.98	200.17	8.29872958	19.12674686

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
20.02	105.968	7.45	0	-79.61	193.54	8.58301488	14.13352247		111.02	150.852	6.85	0	-78.66	194.49	8.541090545	21.97492815
20.06	105.986	7.45	0	-83.11	190.04	8.74108977	15.94815159		111.06	150.873	6.85	0	-79.96	193.19	8.598564625	22.63724388
20.1	106.005	7.45	0	-83.02	190.13	8.73695209	15.90110453		111.1	150.894	6.85	0	-82.01	191.14	8.690785288	23.68973323
20.14	106.024	7.45	0	-84.35	188.8	8.79849947	16.59844926		111.14	150.916	6.83	-0.02	-84.66	188.49	8.812969919	25.35285728
20.18	106.042	7.45	0	-86.62	186.53	8.9055739	17.79911743		111.18	150.937	6.81	-0.02	-85.1	188.05	8.833590534	25.87117746
20.22	106.061	7.44	-0.01	-86.57	186.58	8.90318737	17.90577737		111.22	150.958	6.85	0.04	-85	188.15	8.828895562	25.24279283
20.26	106.079	7.44	0	-77.07	196.08	8.4718314	12.96936059		111.26	150.979	6.94	0.09	-83.39	189.76	8.753987669	23.11697584
20.3	106.098	7.44	0	-74.71	198.44	8.37107791	11.77753867		111.3	151	7.02	0.08	-59.55	213.6	7.776950843	10.23117331
20.34	106.117	7.45	0.01	-67.2	205.95	8.0658252	7.938027045		111.34	151.021	7.08	0.06	-46.28	226.87	7.322064178	3.361520609
20.38	106.135	7.45	0	-54.92	218.23	7.6119539	2.15050322		111.38	151.042	7.07	-0.01	-40.92	232.23	7.153066787	1.168057332
20.42	106.154	7.36	-0.09	-44.84	228.31	7.27588235	1.149471484		111.42	151.064	6.88	-0.19	-32.45	240.7	6.901357291	0.309944671
20.46	106.173	7.34	-0.02	-40.54	232.61	7.14138128	2.743090789		111.46	151.085	6.79	-0.09	-29.01	244.14	6.804115262	0.207667236
20.5	106.191	7.36	0.02	-35.23	237.92	6.98199689	5.271275865		111.5	151.106	6.77	-0.02	-30.94	242.21	6.858332439	1.296305901
20.54	106.21	7.36	0	-33.24	239.91	6.92408278	6.103538122		111.54	151.127	6.68	-0.09	-26.07	247.08	6.72315323	0.64392653
20.58	106.228	7.36	0	-31.64	241.51	6.87821084	6.767551981		111.58	151.148	6.64	-0.04	-25.95	247.2	6.719889563	1.19596143
20.62	106.247	7.29	-0.07	-31.61	241.54	6.87735655	5.825270977		111.62	151.169	6.6	-0.04	-26.38	246.77	6.73159906	1.974242689
20.66	106.266	7.26	-0.03	-33.15	240	6.92148625	4.774023597		111.66	151.19	6.6	0	-28.06	245.09	6.777741646	2.657274309
20.7	106.284	7.28	0.02	-36.39	236.76	7.01620502	3.690419687		111.7	151.212	6.6	0	-35.87	237.28	7.000828978	5.894184524
20.74	106.303	7.32	0.04	-46.19	226.96	7.31916065	0.011467255		111.74	151.233	6.6	0	-55.65	217.5	7.637502069	14.57421483
20.78	106.322	7.36	0.04	-54.13	219.02	7.58449776	3.004420307		111.78	151.254	6.73	0.13	-63.54	209.61	7.924987835	16.30827467
20.82	106.34	7.36	0	-63.75	209.4	7.93293553	7.492812991		111.82	151.275	6.85	0.12	-64.74	208.41	7.970618972	15.12243145
20.86	106.359	7.36	0	-67.66	205.49	8.08388097	9.374340154		111.86	151.296	6.85	0	-69.68	203.47	8.164135745	17.50531322
20.9	106.378	7.45	0.09	-70.94	202.21	8.21500767	9.767089575		111.9	151.317	6.85	0	-69.83	203.32	8.170158863	17.57849401
20.94	106.396	7.45	0	-74.43	198.72	8.35928291	11.50315186		111.94	151.338	6.85	0	-75.14	198.01	8.389256603	20.20120329
20.98	106.415	7.44	-0.01	-76.05	197.1	8.42798935	12.45260914		111.98	151.36	6.85	0	-75.85	197.3	8.419446021	20.5566858

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
21.02	106.433	7.45	0.01	-78.36	194.79	8.52793624	13.49280937		112.02	151.381	6.85	0	-78.74	194.41	8.544605216	22.01557223
21.06	106.452	7.45	0	-80.74	192.41	8.63342186	14.71604575		112.06	151.402	6.85	0	-81.18	191.97	8.653209877	23.26240683
21.1	106.471	7.45	0	-82.36	190.79	8.70672834	15.55671809		112.1	151.423	6.85	0	-82.62	190.53	8.718609668	24.00483675
21.14	106.489	7.45	0	-83.48	189.67	8.75814151	16.14178292		112.14	151.444	6.8	-0.05	-83.19	189.96	8.744771004	25.02154588
21.18	106.508	7.45	0	-84.68	188.47	8.81390513	16.77217273		112.18	151.465	6.81	0.01	-84.72	188.43	8.81577615	25.67265947
21.22	106.527	7.45	0	-84.93	188.22	8.82561205	16.90396706		112.22	151.487	6.85	0.04	-84.54	188.61	8.807362812	25.0024584
21.26	106.545	7.45	0	-79.28	193.87	8.56840512	13.96400089		112.26	151.508	6.85	0	-83.77	189.38	8.771552962	24.60130522
21.3	106.564	7.43	-0.02	-71.6	201.55	8.24190871	10.36132513		112.3	151.529	6.94	0.09	-58.53	214.62	7.739990215	10.89905652
21.34	106.583	7.41	-0.02	-54.18	218.97	7.58622962	2.350319046		112.34	151.55	6.97	0.03	-46.81	226.34	7.339209596	5.160447105
21.38	106.601	7.38	-0.03	-50.3	222.85	7.45414718	0.999682466		112.38	151.571	6.98	0.01	-43.65	229.5	7.238155556	3.631350839
21.42	106.62	7.36	-0.02	-42.37	230.78	7.19800979	2.225444404		112.42	151.592	6.88	-0.1	-34.38	238.77	6.957141601	1.114993297
21.46	106.639	7.36	0	-37.28	235.87	7.04267902	4.406416077		112.46	151.614	6.83	-0.05	-28.36	244.79	6.786048041	0.645590537
21.5	106.657	7.36	0	-35.2	237.95	6.98111662	5.283875571		112.5	151.635	6.77	-0.06	-27.99	245.16	6.775806412	0.085730033
21.54	106.676	7.36	0	-32.97	240.18	6.91629903	6.215910349		112.54	151.656	6.77	0	-27.05	246.1	6.74992564	0.296959622
21.58	106.694	7.36	0	-31.44	241.71	6.87251955	6.850234073		112.58	151.677	6.68	-0.09	-24.46	248.69	6.679628051	0.005568254
21.62	106.713	7.28	-0.08	-30.81	242.34	6.85465338	6.018493825		112.62	151.698	6.68	0	-27.59	245.56	6.764769099	1.260997472
21.66	106.732	7.28	0	-32.56	240.59	6.90451266	5.294328437		112.66	151.72	6.68	0	-28.49	244.66	6.789653805	1.628160707
21.7	106.75	7.28	0	-35.98	237.17	7.00407598	3.863379348		112.7	151.741	6.68	0	-36.34	236.81	7.014723618	4.888358866
21.74	106.769	7.31	0.03	-46.15	227	7.31787093	0.107615458		112.74	151.762	6.68	0	-53.76	219.39	7.57170655	12.51368104
21.78	106.788	7.35	0.04	-53.66	219.49	7.56825687	2.926037139		112.78	151.783	6.77	0.09	-63.12	210.03	7.909140123	15.52052931
21.82	106.806	7.36	0.01	-64.46	208.69	7.95992477	7.831954502		112.82	151.804	6.88	0.11	-63.15	210	7.91027	13.93172674
21.86	106.825	7.36	0	-68	205.15	8.09727858	9.539565105		112.86	151.826	6.92	0.04	-68.59	204.56	8.120633066	15.96519323
21.9	106.844	7.45	0.09	-71.1	202.05	8.22151299	9.846056245		112.9	151.847	6.85	-0.07	-71.07	202.08	8.220292458	18.1853466
21.94	106.862	7.45	0	-75.14	198.01	8.3892566	11.85985715		112.94	151.868	6.85	0	-72.83	200.32	8.292515475	19.05252106
21.98	106.881	7.44	-0.01	-77.31	195.84	8.48221354	13.09131471		112.98	151.889	6.85	0	-72.71	200.44	8.287550888	18.99317662

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
22.02	106.9	7.45	0.01	-78.87	194.28	8.55032273	13.7537567		113.02	151.91	6.85	0	-78.15	195	8.518752308	21.71617154
22.06	106.918	7.45	0	-81.5	191.65	8.66765823	15.10961721		113.06	151.932	6.77	-0.08	-76.13	197.02	8.431411532	21.85864817
22.1	106.937	7.45	0	-82.8	190.35	8.72685422	15.78618684		113.1	151.953	6.77	0	-78.18	194.97	8.520063087	22.89150904
22.14	106.956	7.41	-0.04	-83.18	189.97	8.74431068	16.51956195		113.14	151.974	6.77	0	-84.57	188.58	8.80876392	26.1736288
22.18	106.974	7.36	-0.05	-85	188.15	8.82889556	18.14695211		113.18	151.995	6.77	0	-85.07	188.08	8.832181519	26.43452797
22.22	106.993	7.36	0	-85.39	187.76	8.84723424	18.35272093		113.22	152.016	6.77	0	-84.63	188.52	8.811567473	26.20490495
22.26	107.012	7.45	0.09	-80.21	192.94	8.60970613	14.44243272		113.26	152.038	6.81	0.04	-83.73	189.42	8.769700665	25.15710292
22.3	107.03	7.48	0.03	-70.54	202.61	8.1987893	9.168938824		113.3	152.059	6.85	0.04	-62.03	211.12	7.868305703	13.837268
22.34	107.049	7.45	-0.03	-59.51	213.64	7.77549476	4.275654259		113.34	152.08	6.91	0.06	-58.75	214.4	7.747932369	11.43315917
22.38	107.068	7.4	-0.05	-53.53	219.62	7.56377698	2.188979141		113.38	152.101	6.94	0.03	-43.28	229.87	7.226504981	4.044822367
22.42	107.086	7.36	-0.04	-49.87	223.28	7.43979174	1.078281948		113.42	152.122	6.87	-0.07	-34.84	238.31	6.970570685	1.453273677
22.46	107.105	7.36	0	-40.32	232.83	7.13463342	3.109655414		113.46	152.144	6.79	-0.08	-30.43	242.72	6.843921803	0.790994751
22.5	107.124	7.36	0	-36.14	237.01	7.00880427	4.888308359		113.5	152.165	6.77	-0.02	-28.02	245.13	6.776635663	0.097967685
22.54	107.142	7.36	0	-32.95	240.2	6.91572315	6.224229036		113.54	152.186	6.85	0.08	-26.83	246.32	6.743896963	1.561039296
22.58	107.161	7.3	-0.06	-31.95	241.2	6.887051	5.821491797		113.58	152.207	6.85	0	-25.53	247.62	6.70849164	2.087376138
22.62	107.18	7.28	-0.02	-31.75	241.4	6.88134507	5.630184528		113.62	152.229	6.77	-0.08	-28.11	245.04	6.779124633	0.134689627
22.66	107.198	7.28	0	-32.73	240.42	6.90939481	5.223692707		113.66	152.25	6.77	0	-28.54	244.61	6.791041658	0.310325102
22.7	107.217	7.28	0	-36.04	237.11	7.00584834	3.838087218		113.7	152.271	6.71	-0.06	-36.34	236.81	7.014723618	4.44050644
22.74	107.236	7.29	0.01	-45.53	227.62	7.29793823	0.108832794		113.74	152.292	6.68	-0.03	-54.26	218.89	7.589002239	12.74093624
22.78	107.254	7.31	0.02	-53.27	219.88	7.55483309	3.29412499		113.78	152.313	6.77	0.09	-62.46	210.69	7.884364232	15.20863293
22.82	107.273	7.34	0.03	-63.62	209.53	7.92801365	7.702555985		113.82	152.335	6.85	0.08	-63.83	209.32	7.935967418	14.68916287
22.86	107.292	7.36	0.02	-67.84	205.31	8.09096829	9.461779716		113.86	152.356	6.85	0	-69.02	204.13	8.137739186	17.18390172
22.9	107.31	7.36	0	-70.27	202.88	8.18787806	10.64940248		113.9	152.377	6.77	-0.08	-68.42	204.73	8.113890001	18.05831676
22.94	107.329	7.45	0.09	-74.48	198.67	8.36138672	11.52823263		113.94	152.398	6.8	0.03	-71.57	201.58	8.240682111	19.15713796
22.98	107.348	7.48	0.03	-76.47	196.68	8.44598688	12.13095163		113.98	152.42	6.85	0.05	-71.68	201.47	8.245181417	18.48512288

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
23.02	107.366	7.45	-0.03	-78.64	194.51	8.54021233	13.63599565		114.02	152.441	6.85	0	-74.29	198.86	8.353397868	19.77712984
23.06	107.385	7.45	0	-81.45	191.7	8.6653975	15.08368002		114.06	152.462	6.83	-0.02	-78.2	194.95	8.520937163	22.03040955
23.1	107.404	7.45	0	-82.57	190.58	8.71632228	15.66617636		114.1	152.483	6.77	-0.06	-81.68	191.47	8.675806654	24.67733407
23.14	107.422	7.41	-0.04	-84.06	189.09	8.78500555	16.98061231		114.14	152.505	6.77	0	-84.16	188.99	8.78965395	25.96013968
23.18	107.441	7.36	-0.05	-85.67	187.48	8.86044751	18.50069196		114.18	152.526	6.77	0	-84.73	188.42	8.816244029	26.2570511
23.22	107.46	7.36	0	-85.37	187.78	8.84629194	18.34215924		114.22	152.547	6.77	0	-84.79	188.36	8.819052347	26.28835032
23.26	107.478	7.37	0.01	-81.83	191.32	8.68260872	16.35383683		114.26	152.568	6.85	0.08	-83.28	189.87	8.7489161	24.34676984
23.3	107.497	7.37	0	-71.54	201.61	8.23945588	11.14011772		114.3	152.59	6.91	0.06	-59.83	213.32	7.787158729	11.93643948
23.34	107.516	7.37	0	-59.52	213.63	7.77585873	5.359335974		114.34	152.611	6.94	0.03	-39.22	233.93	7.101084512	2.294473939
23.38	107.534	7.36	-0.01	-51.11	222.04	7.48133985	1.635160301		114.38	152.632	6.94	0	-45.82	227.33	7.307248053	5.155354243
23.42	107.553	7.36	0	-44.22	228.93	7.25617743	1.420652784		114.42	152.653	6.88	-0.06	-36.5	236.65	7.0194663	2.006786411
23.46	107.572	7.39	0.03	-38.86	234.29	7.09017329	4.141203347		114.46	152.675	6.85	-0.03	-31.54	241.61	6.875364016	0.369593351
23.5	107.59	7.36	-0.03	-35.32	237.83	6.98463903	5.233466961		114.5	152.696	6.85	0	-26.43	246.72	6.732963278	1.723287023
23.54	107.609	7.28	-0.08	-32.51	240.64	6.90307804	5.315093903		114.54	152.717	6.85	0	-26.72	246.43	6.740886662	1.605683885
23.58	107.628	7.28	0	-31.23	241.92	6.86655382	5.845185843		114.58	152.738	6.85	0	-24.63	248.52	6.684197248	2.450130573
23.62	107.646	7.28	0	-33.15	240	6.92148625	5.048960985		114.62	152.76	6.77	-0.08	-28.32	244.83	6.784939346	0.220426596
23.66	107.665	7.28	0	-32.73	240.42	6.90939481	5.223692707		114.66	152.781	6.71	-0.06	-28.96	244.19	6.802722061	1.372366874
23.7	107.684	7.28	0	-36.1	237.05	7.0076216	3.812788564		114.7	152.802	6.68	-0.03	-36.72	236.43	7.02599797	5.048854823
23.74	107.702	7.25	-0.03	-46.38	226.77	7.32529303	1.033159718		114.74	152.823	6.68	0	-54.67	218.48	7.603243775	12.9276485
23.78	107.721	7.24	-0.01	-54.05	219.1	7.58172843	4.611181969		114.78	152.845	6.81	0.13	-61.82	211.33	7.860486916	14.32109135
23.82	107.74	7.28	0.04	-64.3	208.85	7.95382667	8.846453153		114.82	152.866	6.85	0.04	-63.45	209.7	7.921586552	14.50875366
23.86	107.758	7.36	0.08	-68.1	205.05	8.10122751	9.588210318		114.86	152.887	6.85	0	-68.74	204.41	8.126592143	17.04783212
23.9	107.777	7.36	0	-70.92	202.23	8.21419522	10.96936581		114.9	152.909	6.83	-0.02	-71.11	202.04	8.221919917	18.49491526
23.94	107.796	7.45	0.09	-74.86	198.29	8.37741036	11.71904105		114.94	152.93	6.8	-0.03	-72.94	200.21	8.297071575	19.83260883
23.98	107.815	7.48	0.03	-76.22	196.93	8.43526481	12.0043848		114.98	152.951	6.85	0.05	-71.53	201.62	8.239047218	18.41133105

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
24.02	107.833	7.45	-0.03	-79.21	193.94	8.56531247	13.92807627		115.02	152.972	6.83	-0.02	-78.53	194.62	8.535385366	22.19775587
24.06	107.852	7.45	0	-82.09	191.06	8.69442426	15.41614918		115.06	152.994	6.77	-0.06	-79.92	193.23	8.596784661	23.77575662
24.1	107.871	7.36	-0.09	-83.26	189.89	8.74799463	17.23361176		115.1	153.015	6.77	0	-81.93	191.22	8.687149357	24.80598864
24.14	107.889	7.35	-0.01	-84.57	188.58	8.80876392	18.05538997		115.14	153.036	6.77	0	-84.41	188.74	8.801296493	26.09026799
24.18	107.908	7.36	0.01	-85.57	187.58	8.85572396	18.44782215		115.18	153.057	6.77	0	-84.48	188.67	8.804561934	26.12673078
24.22	107.927	7.36	0	-85.82	187.33	8.86754231	18.58004468		115.22	153.079	6.8	0.03	-83.36	189.79	8.752603931	25.10967217
24.26	107.945	7.45	0.09	-80.32	192.83	8.61461754	14.49916297		115.26	153.1	6.88	0.08	-83.19	189.96	8.744771004	23.86941868
24.3	107.964	7.46	0.01	-70.47	202.68	8.19595767	9.401630777		115.3	153.121	6.94	0.06	-60.83	212.32	7.823835249	11.97297631
24.34	107.983	7.41	-0.05	-61.24	211.91	7.83897268	5.62625019		115.34	153.142	6.97	0.03	-51.63	221.52	7.498901679	7.310875297
24.38	108.002	7.36	-0.05	-55.93	217.22	7.64734693	3.829416761		115.38	153.164	7	0.03	-46.95	226.2	7.343751989	4.793055396
24.42	108.02	7.37	0.01	-47	226.15	7.34537564	0.334675308		115.42	153.185	6.94	-0.06	-34.85	238.3	6.970863198	0.443728002
24.46	108.039	7.39	0.02	-41.63	231.52	7.17500302	2.95224074		115.46	153.206	6.85	-0.09	-37.54	235.61	7.050450745	2.884089855
24.5	108.058	7.36	-0.03	-35.65	237.5	6.994344	5.094708612		115.5	153.228	6.85	0	-31.83	241.32	6.883626305	0.489693029
24.54	108.076	7.28	-0.08	-32.78	240.37	6.91083205	5.202907738		115.54	153.249	6.85	0	-27.85	245.3	6.771939258	1.146103216
24.58	108.095	7.28	0	-31.56	241.59	6.87593319	5.708797886		115.58	153.27	6.85	0	-25.33	247.82	6.703077637	2.168103319
24.62	108.114	7.28	0	-32.21	240.94	6.89448286	5.439593741		115.62	153.292	6.8	-0.05	-28.29	244.86	6.784108062	0.233978384
24.66	108.132	7.28	0	-33.52	239.63	6.93217335	4.894770713		115.66	153.313	6.71	-0.09	-28.46	244.69	6.788821366	1.167825896
24.7	108.151	7.28	0	-36.2	236.95	7.01057903	3.770609636		115.7	153.334	6.68	-0.03	-36.48	236.67	7.018873114	4.947459716
24.74	108.17	7.28	0	-45.82	227.33	7.30724805	0.373587306		115.74	153.355	6.68	0	-55.45	217.7	7.630485531	13.28376355
24.78	108.189	7.27	-0.01	-53.85	219.3	7.57481395	4.106672599		115.78	153.377	6.77	0.09	-62.09	211.06	7.8705425	15.0341765
24.82	108.207	7.28	0.01	-62.64	210.51	7.89110589	8.056181142		115.82	153.398	6.85	0.08	-64.37	208.78	7.956493438	14.94605651
24.86	108.226	7.3	0.02	-67.22	205.93	8.06660856	9.97758944		115.86	153.419	6.85	0	-68.88	204.27	8.132161845	17.1158456
24.9	108.245	7.33	0.03	-69.76	203.39	8.16734697	10.80632666		115.9	153.441	6.8	-0.05	-70.46	202.69	8.195553308	18.61289516
24.94	108.263	7.36	0.03	-73.74	199.41	8.33035806	12.36884528		115.94	153.462	6.83	0.03	-74.86	198.29	8.377410359	20.35074115
24.98	108.282	7.4	0.04	-76.03	197.12	8.42713423	12.97940888		115.98	153.483	6.85	0.02	-75.34	197.81	8.397738739	20.30122323

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
25.02	108.301	7.45	0.05	-79.24	193.91	8.56663762	13.94347106		116.02	153.505	6.85	0	-79.47	193.68	8.576810719	22.38713821
25.06	108.32	7.45	0	-81.76	191.39	8.67943309	15.24459152		116.06	153.526	6.81	-0.04	-81.23	191.92	8.655464256	23.86561729
25.1	108.338	7.36	-0.09	-82.79	190.36	8.72639578	16.98821533		116.1	153.547	6.77	-0.04	-82.75	190.4	8.7245625	25.22901179
25.14	108.357	7.34	-0.02	-84.66	188.49	8.81296992	18.2377597		116.14	153.569	6.77	0	-83.98	189.17	8.781290374	25.86654002
25.18	108.376	7.36	0.02	-85.17	187.98	8.83687999	18.23659851		116.18	153.59	6.77	0	-84.94	188.21	8.826080973	26.3666363
25.22	108.394	7.36	0	-85.91	187.24	8.87180464	18.62768398		116.22	153.611	6.83	0.06	-84.95	188.2	8.826549947	25.50434104
25.26	108.413	7.36	0	-80.16	192.99	8.60747552	15.62520657		116.26	153.633	6.88	0.05	-83.9	189.25	8.777578336	24.23846517
25.3	108.432	7.37	0.01	-71.18	201.97	8.22476952	10.9622591		116.3	153.654	6.94	0.06	-64.47	208.68	7.96030621	13.69510393
25.34	108.451	7.36	-0.01	-57.42	215.73	7.70016548	4.517420276		116.34	153.675	7.02	0.08	-51.42	221.73	7.491799486	6.502287829
25.38	108.469	7.36	0	-51.7	221.45	7.50127207	1.90121101		116.38	153.696	7.02	0	-44.04	229.11	7.250476627	3.230118138
25.42	108.488	7.39	0.03	-43.15	230	7.22242043	2.293659233		116.42	153.718	6.94	-0.08	-35.55	237.6	6.991400253	0.737905043
25.46	108.507	7.4	0.01	-41	232.15	7.15553177	3.359110964		116.46	153.739	6.85	-0.09	-32.61	240.54	6.905947867	0.813435291
25.5	108.525	7.36	-0.04	-36.55	236.6	7.0209497	4.715269893		116.5	153.76	6.85	0	-31.42	241.73	6.871950937	0.31993901
25.54	108.544	7.28	-0.08	-33.44	239.71	6.92985983	4.928129813		116.54	153.782	6.85	0	-22.11	251.04	6.617099665	3.458804648
25.58	108.563	7.28	0	-31.93	241.22	6.88647998	5.555650011		116.58	153.803	6.81	-0.04	-17.53	255.62	6.498539629	4.680609286
25.62	108.582	7.28	0	-32.7	240.45	6.90853275	5.23616156		116.62	153.824	6.74	-0.07	-20.31	252.84	6.569991694	2.55459672
25.66	108.6	7.28	0	-33.3	239.85	6.92581488	4.986480798		116.66	153.846	6.68	-0.06	-28.69	244.46	6.795208623	1.709934537
25.7	108.619	7.28	0	-36.49	236.66	7.01916969	3.648188121		116.7	153.867	6.68	0	-40.6	232.55	7.143223823	6.702109852
25.74	108.638	7.26	-0.02	-46.08	227.07	7.31561501	0.763124006		116.74	153.888	6.76	0.08	-52.83	220.32	7.53974537	10.90572385
25.78	108.656	7.24	-0.02	-54.1	219.05	7.58345903	4.63399301		116.78	153.91	6.85	0.09	-61.89	211.26	7.863091451	13.77129279
25.82	108.675	7.28	0.04	-64.51	208.64	7.96183234	8.946855305		116.82	153.931	6.9	0.05	-65.53	207.62	8.000947404	14.77687793
25.86	108.694	7.36	0.08	-69.39	203.76	8.1525162	10.21776462		116.86	153.953	6.9	0	-66.59	206.56	8.042005713	15.28584227
25.9	108.713	7.36	0	-70.5	202.65	8.19717098	10.76250927		116.9	153.974	6.87	-0.03	-69.12	204.03	8.141727687	16.94312225
25.94	108.731	7.45	0.09	-74.03	199.12	8.34249046	11.30271961		116.94	153.995	6.85	-0.02	-74.32	198.83	8.354658251	19.79206932
25.98	108.75	7.48	0.03	-76.69	196.46	8.45544487	12.24245551		116.98	154.017	6.85	0	-75.29	197.86	8.395616598	20.27620972

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
26.02	108.769	7.45	-0.03	-78.92	194.23	8.55252381	13.77937412		134.02	163.249	6.94	0.09	-78.67	194.48	8.54152972	20.68955393
26.06	108.788	7.36	-0.09	-81.17	191.98	8.65275914	16.14661321		134.06	163.271	6.85	-0.09	-79.92	193.23	8.596784661	22.61680601
26.1	108.806	7.36	0	-82.97	190.18	8.73465506	17.08213141		134.1	163.293	6.85	0	-81.78	191.37	8.680340179	23.57115372
26.14	108.825	7.37	0.01	-85	188.15	8.82889556	18.01228431		134.14	163.315	6.85	0	-84.19	188.96	8.791049428	24.81993855
26.18	108.844	7.36	-0.01	-84.02	189.13	8.78314757	17.63159959		134.18	163.337	6.85	0	-85.18	187.97	8.837350109	25.33697655
26.22	108.863	7.36	0	-86.68	186.47	8.90843943	19.0361151		134.22	163.359	6.85	0	-85.82	187.33	8.867542305	25.67249085
26.26	108.881	7.36	0	-80.24	192.91	8.61104505	15.66641435		134.26	163.381	6.9	0.05	-84.54	188.61	8.807362812	24.28622596
26.3	108.9	7.36	0	-69.85	203.3	8.17096262	10.44317261		134.3	163.403	7	0.1	-68.64	204.51	8.122618454	14.84687929
26.34	108.919	7.36	0	-55.74	217.41	7.64066372	3.742017395		134.34	163.425	7.02	0.02	-51.76	221.39	7.503305027	6.655579104
26.38	108.937	7.36	0	-50.06	223.09	7.44612802	1.163410447		134.38	163.447	7	-0.02	-39.68	233.47	7.115075599	1.63053464
26.42	108.956	7.34	-0.02	-42.34	230.81	7.19707422	1.966362433		134.42	163.469	6.93	-0.07	-34	239.15	6.946086975	0.231866156
26.46	108.975	7.3	-0.04	-38.08	235.07	7.06664696	3.248538709		134.46	163.491	6.88	-0.05	-33.34	239.81	6.926970101	0.680382459
26.5	108.994	7.28	-0.02	-34.82	238.33	6.96998573	4.351081773		134.5	163.513	6.94	0.06	-28.59	244.56	6.792430079	2.149217883
26.54	109.012	7.28	0	-33.94	239.21	6.94434472	4.719448082		134.54	163.535	6.94	0	-23.79	249.36	6.661680703	4.092425098
26.58	109.031	7.28	0	-32.07	241.08	6.89047909	5.497639188		134.58	163.557	6.85	-0.09	-23.77	249.38	6.661146443	2.795522314
26.62	109.05	7.28	0	-31.77	241.38	6.88191524	5.621905737		134.62	163.579	6.77	-0.08	-27.95	245.2	6.77470106	0.069415491
26.66	109.069	7.28	0	-32.96	240.19	6.91601107	5.128045104		134.66	163.601	6.73	-0.04	-28.11	245.04	6.779124633	0.727280768
26.7	109.087	7.19	-0.09	-36.12	237.03	7.00821288	2.560704182		134.7	163.623	6.68	-0.05	-38.54	234.61	7.080502536	5.821045199
26.74	109.106	7.22	0.03	-46.03	227.12	7.31400449	1.293580046		134.74	163.645	6.68	0	-57.77	215.38	7.712678522	14.35005333
26.78	109.125	7.28	0.06	-57.18	215.97	7.69160856	5.498521487		134.78	163.667	6.81	0.13	-63.7	209.45	7.931041776	15.20980394
26.82	109.144	7.28	0	-63.98	209.17	7.94165846	8.693644801		134.82	163.689	6.94	0.13	-63.97	209.18	7.941278803	13.45689193
26.86	109.162	7.29	0.01	-68.07	205.08	8.10004242	10.52683807		134.86	163.711	6.92	-0.02	-70.36	202.79	8.191511909	16.82838774
26.9	109.181	7.36	0.07	-71.36	201.79	8.23210615	11.18650863		134.9	163.733	6.85	-0.07	-72.1	201.05	8.262405869	18.69200551
26.94	109.2	7.36	0	-74.35	198.8	8.35591901	12.6740156		134.94	163.755	6.94	0.09	-74.32	198.83	8.354658251	18.49872325
26.98	109.219	7.36	0	-76.58	196.57	8.45071323	13.79714142		134.98	163.777	6.94	0	-75.59	197.56	8.40836556	19.13383616

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
27.02	109.237	7.36	0	-78.75	194.4	8.54504475	14.90149536		135.02	163.799	6.94	0	-78.79	194.36	8.546803355	20.75061351
27.06	109.256	7.36	0	-80.82	192.33	8.63701295	15.96564247		135.06	163.821	6.85	-0.09	-80.7	192.45	8.631627436	23.01602261
27.1	109.275	7.36	0	-81.98	191.17	8.68942146	16.56659663		135.1	163.843	6.85	0	-82.67	190.48	8.720898257	24.03070428
27.14	109.294	7.36	0	-83.39	189.76	8.75398767	17.3015854		135.14	163.865	6.85	0	-84.42	188.73	8.801762836	24.93984679
27.18	109.312	7.36	0	-85.76	187.39	8.86470303	18.54829667		135.18	163.887	6.85	0	-84.76	188.39	8.817647964	25.11733693
27.22	109.331	7.36	0	-84.36	188.79	8.79896552	17.81011929		135.22	163.909	6.85	0	-85.07	188.08	8.832181519	25.27941047
27.26	109.35	7.36	0	-79.25	193.9	8.56707942	15.15757397		135.26	163.931	6.92	0.07	-84.16	188.99	8.78965395	23.80261151
27.3	109.369	7.37	0.01	-70.96	202.19	8.21582027	10.85371515		135.3	163.953	7	0.08	-67.85	205.3	8.091362396	14.46340453
27.34	109.387	7.37	0	-56.82	216.33	7.67880876	4.104095802		135.34	163.976	7.02	0.02	-53.19	219.96	7.552085379	7.302803481
27.38	109.406	7.36	-0.01	-56.56	216.59	7.66959093	4.119751942		135.38	163.998	6.98	-0.04	-43.1	230.05	7.220850685	3.392059954
27.42	109.425	7.35	-0.01	-42.44	230.71	7.20019375	2.059165023		135.42	164.02	6.94	-0.04	-34.3	238.85	6.954811388	0.213193076
27.46	109.444	7.31	-0.04	-39.24	233.91	7.10169168	2.890824039		135.46	164.042	6.94	0	-26.72	246.43	6.740886662	2.910825057
27.5	109.462	7.28	-0.03	-34.33	238.82	6.95568503	4.556366124		135.5	164.064	6.94	0	-27.52	245.63	6.762841265	2.585722643
27.54	109.481	7.28	0	-32.65	240.5	6.90709647	5.256939434		135.54	164.086	6.94	0	-27.2	245.95	6.754042285	2.715892227
27.58	109.5	7.28	0	-30.7	242.45	6.85154341	6.063832895		135.58	164.108	6.88	-0.06	-25.25	247.9	6.700914482	2.637311627
27.62	109.519	7.28	0	-30.88	242.27	6.85663392	5.989630651		135.62	164.13	6.8	-0.08	-27.05	246.1	6.74992564	0.739109001
27.66	109.537	7.19	-0.09	-32.47	240.68	6.90193078	4.088427981		135.66	164.152	6.77	-0.03	-28.05	245.1	6.777465116	0.110206835
27.7	109.556	7.19	0	-34.25	238.9	6.9533558	3.346365686		135.7	164.174	6.77	0	-38.76	234.39	7.087148343	4.577396946
27.74	109.575	7.23	0.04	-39.78	233.37	7.11812444	1.559445109		135.74	164.196	6.68	-0.09	-57.8	215.35	7.71375296	14.36391139
27.78	109.594	7.27	0.04	-50.26	222.89	7.45280946	2.48335018		135.78	164.218	6.81	0.13	-64.45	208.7	7.959543364	15.56640358
27.82	109.612	7.28	0.01	-56.09	217.06	7.65298397	4.995437863		135.82	164.24	6.94	0.13	-64.05	209.1	7.944317073	13.49497015
27.86	109.631	7.28	0	-65.14	208.01	7.98594635	9.248641815		135.86	164.262	6.92	-0.02	-69.85	203.3	8.170962617	16.57896383
27.9	109.65	7.36	0.08	-68.99	204.16	8.1365434	10.02214981		135.9	164.284	6.88	-0.04	-71.62	201.53	8.242726641	18.02223466
27.94	109.669	7.36	0	-74.49	198.66	8.36180761	12.74417848		135.94	164.307	6.94	0.06	-74.32	198.83	8.354658251	18.49872325
27.98	109.688	7.36	0	-76.9	196.25	8.46449274	13.95928144		135.98	164.329	6.94	0	-75.25	197.9	8.393919656	18.9634443

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
28.02	109.706	7.36	0	-78.88	194.27	8.55076286	14.96801714		136.02	164.351	6.88	-0.06	-78.56	194.59	8.536701269	21.49229255
28.06	109.725	7.36	0	-81.18	191.97	8.65320988	16.15178826		136.06	164.373	6.85	-0.03	-75.82	197.33	8.418166016	20.54164219
28.1	109.744	7.36	0	-82.41	190.74	8.7090107	16.79021467		136.1	164.395	6.85	0	-77.91	195.24	8.508280578	21.59461236
28.14	109.763	7.36	0	-83.49	189.66	8.75860329	17.35390176		136.14	164.417	6.85	0	-84.93	188.22	8.82561205	25.20618708
28.18	109.781	7.33	-0.03	-85.31	187.84	8.84346625	18.71542222		136.18	164.439	6.85	0	-84.93	188.22	8.82561205	25.20618708
28.22	109.8	7.36	0.03	-85.18	187.97	8.83735011	18.24187412		136.22	164.461	6.85	0	-85.25	187.9	8.840642363	25.37362483
28.26	109.819	7.36	0	-79.86	193.29	8.59411609	15.47081753		136.26	164.483	6.94	0.09	-84.26	188.89	8.794307269	23.57024351
28.3	109.838	7.36	0	-69.1	204.05	8.14092967	10.07590758		136.3	164.505	7.02	0.08	-75.08	198.07	8.386715303	17.74181291
28.34	109.856	7.36	0	-55.62	217.53	7.63644877	3.686856402		136.34	164.527	7.04	0.02	-60.28	212.87	7.80362052	10.28887149
28.38	109.875	7.36	0	-51.2	221.95	7.48437351	1.675698978		136.38	164.549	7.02	-0.02	-45.02	228.13	7.281623197	3.658650402
28.42	109.894	7.28	-0.08	-42.57	230.58	7.20425319	1.045919474		136.42	164.572	6.94	-0.08	-34.49	238.66	6.960348194	0.292772437
28.46	109.913	7.28	0	-39.85	233.3	7.12026018	2.218568526		136.46	164.594	6.94	0	-31.19	241.96	6.865418664	1.080464672
28.5	109.932	7.28	0	-35.25	237.9	6.98258386	4.170578686		136.5	164.616	6.94	0	-27.35	245.8	6.758163954	2.654896615
28.54	109.95	7.28	0	-32.92	240.23	6.91485951	5.144686217		136.54	164.638	6.94	0	-20.74	252.41	6.581184184	5.307461398
28.58	109.969	7.29	0.01	-31.76	241.39	6.88163014	5.763202311		136.58	164.66	6.85	-0.09	-26.03	247.12	6.722064989	1.885269654
28.62	109.988	7.26	-0.03	-28.39	244.76	6.7868798	6.736303095		136.62	164.682	6.77	-0.08	-27.3	245.85	6.756789506	0.195323424
28.66	110.007	7.19	-0.07	-30.43	242.72	6.8439218	4.93202402		136.66	164.704	6.77	0	-28.13	245.02	6.779677985	0.142851889
28.7	110.026	7.19	0	-37.13	236.02	7.03820312	2.13374634		136.7	164.726	6.77	0	-39.3	233.85	7.103513791	4.807920991
28.74	110.044	7.19	0	-44.86	228.29	7.27651978	1.196138101		136.74	164.748	6.77	0	-58.25	214.9	7.729905537	13.24016263
28.78	110.063	7.28	0.09	-59.43	213.72	7.77258422	6.544845922		136.78	164.77	6.83	0.06	-65.4	207.75	7.995940794	15.72838865
28.82	110.082	7.28	0	-63.94	209.21	7.94014005	8.674559478		136.82	164.793	6.94	0.11	-63.52	209.63	7.924231742	13.24295475
28.86	110.101	7.28	0	-67.57	205.58	8.08034196	10.42088726		136.86	164.815	6.92	-0.02	-69.06	204.09	8.139334117	16.19373218
28.9	110.119	7.36	0.08	-70.49	202.66	8.19676651	10.75758906		136.9	164.837	6.88	-0.04	-71.78	201.37	8.24927596	18.10101109
28.94	110.138	7.36	0	-74.13	199.02	8.34668224	12.56385311		136.94	164.859	6.94	0.06	-73.05	200.1	8.301632684	17.86728118
28.98	110.157	7.36	0	-75.87	197.28	8.42029957	13.43826927		136.98	164.881	6.94	0	-75.62	197.53	8.409642586	19.14888347

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
29.02	110.176	7.36	0	-78.93	194.22	8.55296416	14.99361341		137.02	164.903	6.94	0	-75.02	198.13	8.384175541	18.84832939
29.06	110.195	7.36	0	-81.81	191.34	8.68170116	16.4783167		137.06	164.925	6.85	-0.09	-74.66	198.49	8.368969218	19.96152559
29.1	110.213	7.36	0	-82.82	190.33	8.72777124	17.00386236		137.1	164.947	6.85	0	-77.74	195.41	8.500878665	21.50858855
29.14	110.232	7.37	0.01	-84.13	189.02	8.78825891	17.55460068		137.14	164.969	6.85	0	-84.22	188.93	8.79244535	24.83557151
29.18	110.251	7.38	0.01	-85.74	187.41	8.863757	18.26864318		137.18	164.992	6.85	0	-85.07	188.08	8.832181519	25.27941047
29.22	110.27	7.39	0.01	-86.15	187	8.88319091	18.35154417		137.22	165.014	6.88	0.03	-84.94	188.21	8.826080973	24.78124208
29.26	110.289	7.38	-0.01	-84.01	189.14	8.7826832	17.35705861		137.26	165.036	6.96	0.08	-83.93	189.22	8.778969982	23.11421884
29.3	110.307	7.36	-0.02	-73.56	199.59	8.32284533	12.2789623		137.3	165.058	7.04	0.08	-76.94	196.21	8.466218337	18.39543732
29.34	110.326	7.33	-0.03	-63.24	209.91	7.91366157	7.657760789		137.34	165.08	7.11	0.07	-64.33	208.82	7.954969352	11.21767103
29.38	110.345	7.29	-0.04	-53.94	219.21	7.57792391	3.873088272		137.38	165.102	7.07	-0.04	-48.15	225	7.382918667	4.330179584
29.42	110.364	7.28	-0.01	-49.52	223.63	7.42814783	2.014500196		137.42	165.124	6.94	-0.13	-34.05	239.1	6.947539523	0.108579683
29.46	110.382	7.28	0	-36.98	236.17	7.0337329	3.440990514		137.46	165.147	6.94	0	-32.96	240.19	6.916011075	0.346260194
29.5	110.401	7.25	-0.03	-35.45	237.7	6.98845898	3.673726467		137.5	165.169	6.94	0	-30.03	243.12	6.832661649	1.558716161
29.54	110.42	7.21	-0.04	-32.64	240.51	6.90680928	4.295456766		137.54	165.191	6.94	0	-27.69	245.46	6.767525055	2.51650016
29.58	110.439	7.19	-0.02	-31.16	241.99	6.86456754	4.630984979		137.58	165.213	6.83	-0.11	-25.74	247.41	6.714185765	1.710169035
29.62	110.458	7.22	0.03	-31.69	241.46	6.87963514	4.827995341		137.62	165.235	6.77	-0.06	-27.33	245.82	6.757614108	0.183120128
29.66	110.476	7.21	-0.01	-31.77	241.38	6.88191524	4.656354471		137.66	165.257	6.75	-0.02	-27.99	245.16	6.775806412	0.381587779
29.7	110.495	7.19	-0.02	-35.47	237.68	6.98904704	2.834505893		137.7	165.279	6.68	-0.07	-39.26	233.89	7.102298944	6.128135018
29.74	110.514	7.24	0.05	-44.2	228.95	7.25554357	0.21445996		137.74	165.302	6.77	0.09	-57.72	215.43	7.710888456	12.99489957
29.78	110.533	7.28	0.04	-57.04	216.11	7.68662579	5.433767077		137.78	165.324	6.81	0.04	-63.95	209.2	7.940519598	15.32853932
29.82	110.552	7.27	-0.01	-64.45	208.7	7.95954336	9.055338656		137.82	165.346	6.94	0.13	-65.07	208.08	7.983259804	13.98166108
29.86	110.57	7.25	-0.02	-68.38	204.77	8.11230503	11.22624533		137.86	165.368	6.94	0	-70.86	202.29	8.211758861	16.78694695
29.9	110.589	7.28	0.03	-71.89	201.26	8.25378466	12.53763559		137.9	165.39	6.94	0	-70.74	202.41	8.20689047	16.72806009
29.94	110.608	7.36	0.08	-74.61	198.54	8.36686159	12.80435494		137.94	165.412	6.94	0	-75.18	197.97	8.390951659	18.92839651
29.98	110.627	7.36	0	-76.6	196.55	8.45157314	13.80726797		137.98	165.434	6.94	0	-75.82	197.33	8.418166016	19.2492517

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
30.02	110.646	7.36	0	-79.75	193.4	8.58922802	15.4142636		138.02	165.457	6.94	0	-74.97	198.18	8.382060248	18.82332043
30.06	110.665	7.36	0	-81.16	191.99	8.65230845	16.14143841		138.06	165.479	6.88	-0.06	-76.4	196.75	8.442981957	20.40049334
30.1	110.683	7.36	0	-82.91	190.24	8.73190023	17.05081701		138.1	165.501	6.85	-0.03	-79.87	193.28	8.594560741	22.59126394
30.14	110.702	7.29	-0.07	-85.03	188.12	8.83030353	19.1101058		138.14	165.523	6.85	0	-84.75	188.4	8.817179936	25.11211264
30.18	110.721	7.28	-0.01	-85.19	187.96	8.83782028	19.33040887		138.18	165.545	6.85	0	-84.3	188.85	8.796169976	24.87727002
30.22	110.74	7.28	0	-86.47	186.68	8.89841815	20.00712472		138.22	165.567	6.91	0.06	-84.57	188.58	8.80876392	24.15920144
30.26	110.759	7.36	0.08	-78.84	194.31	8.54900262	14.94754452		138.26	165.59	6.94	0.03	-83.56	189.59	8.761837122	23.20540085
30.3	110.777	7.36	0	-73.55	199.6	8.32242836	12.27397103		138.3	165.612	7.03	0.09	-75.71	197.44	8.413475993	17.91663992
30.34	110.796	7.3	-0.06	-58.76	214.39	7.74829376	5.958067682		138.34	165.634	7.11	0.08	-62.54	210.61	7.8873591	10.36661314
30.38	110.815	7.28	-0.02	-49.91	223.24	7.4411248	2.189028361		138.38	165.656	7.06	-0.05	-47.54	225.61	7.362956872	4.201036932
30.42	110.834	7.36	0.08	-46.79	226.36	7.33856114	0.291713702		138.42	165.678	6.94	-0.12	-35.04	238.11	6.976425602	0.523490768
30.46	110.853	7.36	0	-38.84	234.31	7.08956809	3.743114046		138.46	165.7	6.94	0	-29.96	243.19	6.83069493	1.587502601
30.5	110.871	7.28	-0.08	-35.21	237.94	6.98141002	4.18738372		138.5	165.723	6.94	0	-27.62	245.53	6.76559565	2.545009414
30.54	110.89	7.22	-0.06	-33.13	240.02	6.92090951	4.23014506		138.54	165.745	6.94	0	-24.49	248.66	6.680433926	3.811421509
30.58	110.909	7.19	-0.03	-30.18	242.97	6.83687986	5.034906434		138.58	165.767	6.85	-0.09	-23.09	250.06	6.643032472	3.067768913
30.62	110.928	7.19	0	-30.34	242.81	6.84138503	4.969074195		138.62	165.789	6.77	-0.08	-26.68	246.47	6.739792673	0.447191577
30.66	110.947	7.2	0.01	-31.73	241.42	6.880775	4.534196479		138.66	165.811	6.77	0	-27.21	245.94	6.754316907	0.231924371
30.7	110.966	7.19	-0.01	-34.86	238.29	6.97115573	3.09076843		138.7	165.833	6.77	0	-39.23	233.92	7.101388081	4.778008941
30.74	110.984	7.19	0	-44.84	228.31	7.27588235	1.187378009		138.74	165.856	6.77	0	-57.6	215.55	7.706595685	12.93944662
30.78	111.003	7.2	0.01	-58.19	214.96	7.72774795	7.070697533		138.78	165.878	6.81	0.04	-61.73	211.42	7.857140762	14.27873066
30.82	111.022	7.22	0.02	-64.25	208.9	7.95192293	9.64838713		138.82	165.9	6.94	0.13	-62.73	210.42	7.894481038	12.86841158
30.86	111.041	7.25	0.03	-67.65	205.5	8.08348759	10.87146791		138.86	165.922	6.94	0	-68.72	204.43	8.125797094	15.74157792
30.9	111.06	7.28	0.03	-71.08	202.07	8.22069926	12.13750743		138.9	165.944	6.94	0	-70.28	202.87	8.188281658	16.50262318
30.94	111.078	7.32	0.04	-72.73	200.42	8.28837791	12.40843747		138.94	165.967	6.94	0	-72.47	200.68	8.277639526	17.58011843
30.98	111.097	7.36	0.04	-75.82	197.33	8.41816602	13.41304199		138.98	165.989	6.94	0	-75.07	198.08	8.386291902	18.87334407

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
31.02	111.116	7.34	-0.02	-78.16	194.99	8.51918919	14.8707374		139.02	166.011	6.94	0	-76.81	196.34	8.460612713	19.74743137
31.06	111.135	7.32	-0.02	-80.34	192.81	8.61551112	16.25942356		139.06	166.033	6.85	-0.09	-76.37	196.78	8.441694786	20.81776818
31.1	111.154	7.3	-0.02	-81.86	191.29	8.68397041	17.31697915		139.1	166.055	6.85	0	-78.72	194.43	8.543726277	22.00540982
31.14	111.173	7.28	-0.02	-83.49	189.66	8.75860329	18.43805553		139.14	166.078	6.85	0	-83.9	189.25	8.777578336	24.66893199
31.18	111.191	7.28	0	-85.03	188.12	8.83030353	19.24611199		139.18	166.1	6.85	0	-84.53	188.62	8.806895875	24.99723944
31.22	111.21	7.28	0	-85.31	187.84	8.84346625	19.39367409		139.22	166.122	6.94	0.09	-85.16	187.99	8.836409915	24.04108318
31.26	111.229	7.3	0.02	-78.9	194.25	8.55164324	15.79196837		139.26	166.144	6.94	0	-83.78	189.37	8.772016159	23.31993731
31.3	111.248	7.36	0.06	-67.79	205.36	8.08899834	9.437483623		139.3	166.167	7.02	0.08	-57.51	215.64	7.703379243	9.282913004
31.34	111.267	7.36	0	-59.89	213.26	7.78934962	5.668225118		139.34	166.189	7.11	0.09	-46.4	226.75	7.32593914	2.991688146
31.38	111.286	7.32	-0.04	-51.01	222.14	7.477972	2.135049311		139.38	166.211	7.07	-0.04	-44.59	228.56	7.267923959	2.760845423
31.42	111.304	7.28	-0.04	-43	230.15	7.21771323	0.859263368		139.42	166.233	6.97	-0.1	-35.46	237.69	6.988752998	0.268691589
31.46	111.323	7.28	0	-38.41	234.74	7.07658132	2.833803834		139.46	166.255	6.94	-0.03	-27.39	245.76	6.759263916	2.638624748
31.5	111.342	7.28	0	-34.7	238.45	6.96647809	4.401395354		139.5	166.278	6.94	0	-28.15	245	6.780231429	2.328948637
31.54	111.361	7.24	-0.04	-32.73	240.42	6.90939481	4.673064755		139.54	166.3	6.94	0	-26.73	246.42	6.741160214	2.906767885
31.58	111.38	7.19	-0.05	-31.95	241.2	6.887051	4.304154401		139.58	166.322	6.83	-0.11	-23.54	249.61	6.655008613	2.595347049
31.62	111.399	7.19	0	-31.84	241.31	6.88391157	4.34972797		139.62	166.344	6.77	-0.06	-27.39	245.76	6.759263916	0.158709063
31.66	111.417	7.19	0	-32.88	240.27	6.91370833	3.918000365		139.66	166.366	6.77	0	-27.82	245.33	6.771111156	0.016411599
31.7	111.436	7.19	0	-36.22	236.93	7.01117081	2.518513332		139.7	166.389	6.77	0	-39.75	233.4	7.117209512	5.000421593
31.74	111.455	7.18	-0.01	-46.15	227	7.31787093	1.901947201		139.74	166.411	6.77	0	-57.2	215.95	7.692320908	12.75481181
31.78	111.474	7.19	0.01	-57.96	215.19	7.71948836	7.102703277		139.78	166.433	6.83	0.06	-62.48	210.67	7.885112736	14.34053214
31.82	111.493	7.23	0.04	-63.93	209.22	7.93976054	9.357570771		139.82	166.455	6.94	0.11	-62.81	210.34	7.897483598	12.90628012
31.86	111.512	7.28	0.05	-67.6	205.55	8.08152128	10.43544151		139.86	166.478	6.94	0	-69.81	203.34	8.169355267	16.27276936
31.9	111.53	7.32	0.04	-71.47	201.68	8.23659609	11.78401865		139.9	166.5	6.94	0	-70.44	202.71	8.194744709	16.58098281
31.94	111.549	7.34	0.02	-74.8	198.35	8.37487623	13.17065707		139.94	166.522	6.94	0	-75.4	197.75	8.400286726	19.0385845
31.98	111.568	7.36	0.02	-76.07	197.08	8.42884463	13.53923807		139.98	166.544	6.94	0	-75.83	197.32	8.418592641	19.25427252

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
32.02	111.587	7.32	-0.04	-78.83	194.32	8.54856268	15.48423389		140.02	166.567	6.91	-0.03	-76.34	196.81	8.440408008	19.93963948
32.06	111.606	7.28	-0.04	-82.24	190.91	8.70125557	17.78653197		140.06	166.589	6.85	-0.06	-76.61	196.54	8.452003155	20.93847633
32.1	111.625	7.26	-0.02	-83.06	190.09	8.73879057	18.48627952		140.1	166.611	6.85	0	-79.48	193.67	8.577253576	22.39223679
32.14	111.644	7.26	0	-83.57	189.58	8.76229929	18.75260555		140.14	166.633	6.85	0	-84.66	188.49	8.812969919	25.06510488
32.18	111.663	7.28	0.02	-85.43	187.72	8.84911943	19.45697581		140.18	166.655	6.85	0	-84.71	188.44	8.815308321	25.09121788
32.22	111.681	7.32	0.04	-84.67	188.48	8.8134375	18.51356848		140.22	166.678	6.91	0.06	-85.02	188.13	8.829834157	24.39459194
32.26	111.7	7.36	0.04	-79.25	193.9	8.56707942	15.15757397		140.26	166.7	6.96	0.05	-83.88	189.27	8.776650816	23.08815055
32.3	111.719	7.37	0.01	-68	205.15	8.09727858	9.404092298		140.3	166.722	7.05	0.09	-66.22	206.93	8.02762625	12.96790667
32.34	111.738	7.34	-0.03	-53.76	219.39	7.57170655	3.107713382		140.34	166.745	7.11	0.06	-52.1	221.05	7.514845962	5.536413354
32.38	111.757	7.28	-0.06	-48.01	225.14	7.37832771	1.341595156		140.38	166.767	7.07	-0.04	-42.41	230.74	7.199257606	1.811693496
32.42	111.776	7.28	0	-42.57	230.58	7.20425319	1.045919474		140.42	166.789	6.94	-0.13	-33.38	239.77	6.928125704	0.171245869
32.46	111.794	7.28	0	-39.81	233.34	7.1190396	2.235710236		140.46	166.811	6.94	0	-31	242.15	6.860031798	1.158956772
32.5	111.813	7.28	0	-34.88	238.27	6.97174088	4.325915274		140.5	166.833	6.94	0	-31.42	241.73	6.871950937	0.985364969
32.54	111.832	7.19	-0.09	-33.23	239.92	6.92379418	3.772278598		140.54	166.856	6.94	0	-26.53	246.62	6.735693374	2.98787959
32.58	111.851	7.19	0	-31.17	241.98	6.86485123	4.626854705		140.58	166.878	6.85	-0.09	-21.59	251.56	6.60342145	3.665663055
32.62	111.87	7.19	0	-31.06	242.09	6.861732	4.672278115		140.62	166.9	6.77	-0.08	-27.25	245.9	6.755415616	0.215658939
32.66	111.889	7.19	0	-32.56	240.59	6.90451266	4.051042424		140.66	166.923	6.77	0	-27.81	245.34	6.770835168	0.012335539
32.7	111.908	7.16	-0.03	-36.51	236.64	7.01976293	1.977988908		140.7	166.945	6.77	0	-39.57	233.58	7.111724891	4.923377945
32.74	111.927	7.11	-0.05	-46.35	226.8	7.32432407	2.969644758		140.74	166.967	6.77	0	-57.88	215.27	7.716619594	13.06888178
32.78	111.945	7.11	0	-58.67	214.48	7.74504243	8.549856808		140.78	166.989	6.85	0.08	-61.98	211.17	7.866442677	13.81370075
32.82	111.964	7.18	0.07	-64.8	208.35	7.97291433	10.46550267		140.82	167.012	6.94	0.09	-63.18	209.97	7.9114002	13.08159752
32.86	111.983	7.28	0.1	-68.27	204.88	8.10794953	10.76101179		140.86	167.034	6.94	0	-68.94	204.21	8.134551197	15.84858059
32.9	112.002	7.33	0.05	-71.94	201.21	8.25583569	11.88047548		140.9	167.056	6.94	0	-71.65	201.5	8.243953846	17.17541899
32.94	112.021	7.34	0.01	-75.13	198.02	8.38883295	13.33643697		140.94	167.078	6.94	0	-73.73	199.42	8.329940327	18.20492153
32.98	112.04	7.32	-0.02	-76.74	196.41	8.45759737	14.42041327		140.98	167.101	6.94	0	-76.23	196.92	8.435693175	19.45529425

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
33.02	112.059	7.28	-0.04	-79.44	193.71	8.57548242	16.34112905		141.02	167.123	6.94	0	-76.02	197.13	8.426706742	19.3497119
33.06	112.077	7.28	0	-80.81	192.34	8.6365639	17.04593914		141.06	167.145	6.88	-0.06	-79.77	193.38	8.590116351	22.1086424
33.1	112.096	7.28	0	-82.28	190.87	8.70307906	17.80732053		141.1	167.168	6.85	-0.03	-82.87	190.28	8.730064642	24.13423416
33.14	112.115	7.28	0	-84.8	188.35	8.81952057	19.12504868		141.14	167.19	6.91	0.06	-84.77	188.38	8.818116042	24.26375844
33.18	112.134	7.28	0	-85.48	187.67	8.85147706	19.48336231		141.18	167.212	6.94	0.03	-85.44	187.71	8.849590858	24.18797137
33.22	112.153	7.28	0	-85.78	187.37	8.86564925	19.64181465		141.22	167.234	6.94	0	-85.53	187.62	8.853835945	24.23522635
33.26	112.172	7.28	0	-80	193.15	8.60034533	16.62867274		141.26	167.257	6.98	0.04	-84.49	188.66	8.805028623	23.12353898
33.3	112.191	7.28	0	-69	204.15	8.13694195	11.11688631		141.3	167.279	7.11	0.13	-75.3	197.85	8.39604094	16.58761182
33.34	112.21	7.28	0	-54.74	218.41	7.6056806	4.375756936		141.34	167.301	7.11	0	-60.51	212.64	7.81206123	9.409708477
33.38	112.228	7.28	0	-50.12	223.03	7.44813119	2.283130031		141.38	167.323	7.09	-0.02	-45.68	227.47	7.302750692	2.95635903
33.42	112.247	7.28	0	-45.6	227.55	7.30018326	0.276858748		141.42	167.346	6.97	-0.12	-33.86	239.29	6.942023068	0.402197892
33.46	112.266	7.24	-0.04	-37.97	235.18	7.0633417	2.470168273		141.46	167.368	6.94	-0.03	-24.64	248.51	6.684466219	3.751101544
33.5	112.285	7.19	-0.05	-34.04	239.11	6.94724896	3.434204713		141.5	167.39	6.94	0	-28.86	244.29	6.79993737	2.038766651
33.54	112.304	7.19	0	-32.42	240.73	6.90049724	4.109191571		141.54	167.413	6.94	0	-25.4	247.75	6.704971544	3.444909436
33.58	112.323	7.19	0	-31.36	241.79	6.87024567	4.548346307		141.58	167.435	6.88	-0.06	-24.46	248.69	6.679628051	2.955419548
33.62	112.342	7.19	0	-31.49	241.66	6.87394149	4.49459367		141.62	167.457	6.8	-0.08	-27.71	245.44	6.768076516	0.470567576
33.66	112.361	7.19	0	-32.96	240.19	6.91601107	3.884711617		141.66	167.48	6.77	-0.03	-27.99	245.16	6.775806412	0.085730033
33.7	112.379	7.11	-0.08	-36.53	236.62	7.02035627	1.26881065		141.7	167.502	6.77	0	-39.59	233.56	7.112333876	4.931935491
33.74	112.398	7.11	0	-46.84	226.31	7.34018249	3.185876623		141.74	167.524	6.77	0	-58.11	215.04	7.724873047	13.17532128
33.78	112.417	7.18	0.07	-58.52	214.63	7.7396296	7.501923443		141.78	167.547	6.85	0.08	-62.74	210.41	7.894856233	14.17248451
33.82	112.436	7.19	0.01	-64.83	208.32	7.9740625	10.34106131		141.82	167.569	6.94	0.09	-63.92	209.23	7.939381064	13.43309993
33.86	112.455	7.28	0.09	-68.81	204.34	8.12937604	11.02414579		141.86	167.591	6.94	0	-70.45	202.7	8.195148989	16.58588217
33.9	112.474	7.34	0.06	-72.45	200.7	8.27681465	11.99751255		141.9	167.613	6.94	0	-72.21	200.94	8.266928934	17.45163589
33.94	112.493	7.36	0.02	-74.59	198.56	8.36601884	12.79432317		141.94	167.636	6.94	0	-75.26	197.89	8.394343827	18.96845204
33.98	112.512	7.36	0	-76.33	196.82	8.43997917	13.67064041		141.98	167.658	6.94	0	-75.61	197.54	8.409216867	19.14386747

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
34.02	112.531	7.34	-0.02	-78.83	194.32	8.54856268	15.21298942		142.02	167.68	6.94	0	-75.89	197.26	8.4211533	19.2844023
34.06	112.549	7.32	-0.02	-80.99	192.16	8.64465393	16.59483431		142.06	167.703	6.94	0	-73.83	199.32	8.334119506	18.25466281
34.1	112.568	7.3	-0.02	-82.28	190.87	8.70307906	17.53511376		142.1	167.725	6.94	0	-76.72	196.43	8.456736242	19.70204877
34.14	112.587	7.29	-0.01	-83.61	189.54	8.76414846	18.36470452		142.14	167.747	6.94	0	-84.67	188.48	8.8134375	23.78449148
34.18	112.606	7.28	-0.01	-85.07	188.08	8.83218152	19.26718014		142.18	167.77	6.94	0	-85.12	188.03	8.834530128	24.02011487
34.22	112.625	7.28	0	-83.69	189.46	8.76784915	18.54266122		142.22	167.792	6.94	0	-85.38	187.77	8.846763061	24.15647912
34.26	112.644	7.28	0	-77.71	195.44	8.49957378	15.45762641		142.26	167.814	7	0.06	-84.26	188.89	8.794307269	22.72093658
34.3	112.663	7.28	0	-66.36	206.79	8.03306108	9.835539383		142.3	167.837	7.08	0.08	-64.04	209.11	7.943937162	11.50080905
34.34	112.682	7.28	0	-53.08	220.07	7.54831054	3.618895583		142.34	167.859	7.11	0.03	-54.15	219	7.585190411	6.467291647
34.38	112.701	7.28	0	-46.88	226.27	7.34148009	0.840955769		142.38	167.881	7.07	-0.04	-47.19	225.96	7.351552045	3.904601166
34.42	112.72	7.29	0.01	-43.63	229.52	7.23752483	0.722424035		142.42	167.904	7	-0.07	-32.84	240.31	6.91255753	1.257029413
34.46	112.738	7.28	-0.01	-38.03	235.12	7.06514418	2.995519816		142.46	167.926	6.94	-0.06	-31.23	241.92	6.866553819	1.063932123
34.5	112.757	7.23	-0.05	-34.09	239.06	6.948702	3.967894953		142.5	167.948	6.97	0.03	-30.25	242.9	6.838850144	1.899504369
34.54	112.776	7.19	-0.04	-31.93	241.22	6.88647998	4.312442084		142.54	167.971	6.94	-0.03	-26.21	246.94	6.72696485	3.117519546
34.58	112.795	7.19	0	-30.56	242.59	6.84758935	4.878482241		142.58	167.993	6.9	-0.04	-25.3	247.85	6.70226629	2.907364195
34.62	112.814	7.19	0	-30.66	242.49	6.85041321	4.837276253		142.62	168.015	6.8	-0.1	-27.82	245.33	6.771111156	0.425740284
34.66	112.833	7.16	-0.03	-32.3	240.85	6.89705917	3.741050407		142.66	168.038	6.77	-0.03	-28.35	244.8	6.785770833	0.232680731
34.7	112.852	7.12	-0.04	-35.59	237.56	6.99257745	1.805801191		142.7	168.06	6.77	0	-39.84	233.31	7.119954995	5.038965146
34.74	112.871	7.11	-0.01	-46.86	226.29	7.34083123	3.1947122		142.74	168.082	6.77	0	-58.09	215.06	7.724154655	13.16606145
34.78	112.89	7.14	0.03	-58.05	215.1	7.72271827	7.841341805		142.78	168.105	6.85	0.08	-62.16	210.99	7.873153704	13.89856718
34.82	112.909	7.19	0.05	-63.12	210.03	7.90914012	9.525577178		142.82	168.127	6.97	0.12	-63.04	210.11	7.906128694	12.58564931
34.86	112.927	7.24	0.05	-67.85	205.3	8.0913624	11.10615449		142.86	168.149	6.94	-0.03	-69.54	203.61	8.158522175	16.14094625
34.9	112.946	7.28	0.04	-71.86	201.29	8.25255452	12.52278911		142.9	168.172	6.94	0	-71.73	201.42	8.24722818	17.21483558
34.94	112.965	7.3	0.02	-73.02	200.13	8.30038825	12.82517117		142.94	168.194	7	0.06	-75.17	197.98	8.390527831	18.06991737
34.98	112.984	7.3	0	-75.86	197.29	8.41987278	14.24786055		142.98	168.216	7.02	0.02	-73.87	199.28	8.335792352	17.13740747

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
35.02	113.003	7.31	0.01	-78.69	194.46	8.54240821	15.5485298		143.02	168.239	6.97	-0.05	-75.79	197.36	8.4168864	18.80674703
35.06	113.022	7.28	-0.03	-81.06	192.09	8.64780415	17.17504988		143.06	168.261	6.94	-0.03	-78.75	194.4	8.545044753	20.73025656
35.1	113.041	7.27	-0.01	-81.8	191.35	8.68124745	17.69450893		143.1	168.284	6.94	0	-82.09	191.06	8.694424265	22.44309397
35.14	113.06	7.28	0.01	-83.54	189.61	8.76091293	18.46419756		143.14	168.306	6.94	0	-85.13	188.02	8.835	24.02535658
35.18	113.079	7.28	0	-85.51	187.64	8.85289224	19.49919726		143.18	168.328	6.94	0	-85.05	188.1	8.831242424	23.98342976
35.22	113.098	7.28	0	-85.15	188	8.83593989	19.30932858		143.22	168.351	6.94	0	-85.46	187.69	8.850533859	24.19847076
35.26	113.116	7.28	0	-79.45	193.7	8.57592514	16.34625707		143.26	168.373	7	0.06	-84.6	188.55	8.810165473	22.8987543
35.3	113.135	7.28	0	-68	205.15	8.09727858	10.62969072		143.3	168.395	7.11	0.11	-76.58	196.57	8.450713232	17.23202802
35.34	113.154	7.28	0	-54.32	218.83	7.59108303	4.183730691		143.34	168.418	7.16	0.05	-62.98	210.17	7.903871628	9.876234292
35.38	113.173	7.28	0	-50.9	222.25	7.47427087	2.633418729		143.38	168.44	7.09	-0.07	-47.55	225.6	7.363283245	3.78160782
35.42	113.192	7.28	0	-41.23	231.92	7.16262806	1.625354307		143.42	168.462	7	-0.09	-34.65	238.5	6.96501761	0.501000298
35.46	113.211	7.24	-0.04	-38.03	235.12	7.06514418	2.444656497		143.46	168.485	6.94	-0.06	-29.94	243.21	6.830133218	1.595725765
35.5	113.23	7.19	-0.05	-34.68	238.47	6.96589382	3.166259647		143.5	168.507	6.94	0	-31.29	241.86	6.868257256	1.039128145
35.54	113.249	7.18	-0.01	-32.14	241.01	6.8924804	4.086267622		143.54	168.53	6.94	0	-26.48	246.67	6.73432805	3.008147086
35.58	113.268	7.19	0.01	-30.18	242.97	6.83687986	5.034906434		143.58	168.552	6.9	-0.04	-25.33	247.82	6.703077637	2.895261914
35.62	113.287	7.19	0	-31.38	241.77	6.870814	4.540078594		143.62	168.574	6.83	-0.07	-27.16	245.99	6.752944022	1.134599064
35.66	113.306	7.11	-0.08	-31.98	241.17	6.8879077	3.173221381		143.66	168.597	6.77	-0.06	-28.41	244.74	6.78743442	0.257193502
35.7	113.325	7.08	-0.03	-35.9	237.25	7.00171423	1.111878472		143.7	168.619	6.77	0	-39.77	233.38	7.117819436	5.008985575
35.74	113.344	7.11	0.03	-43.73	229.42	7.24067954	1.821231383		143.74	168.642	6.77	0	-58.71	214.44	7.746487129	13.45349079
35.78	113.362	7.15	0.04	-58.88	214.27	7.75263313	8.087606013		143.78	168.664	6.85	0.08	-65.48	207.67	7.999021043	15.47605111
35.82	113.381	7.19	0.04	-63.63	209.52	7.92839204	9.76812927		143.82	168.686	7	0.15	-64.7	208.45	7.96908947	12.94787464
35.86	113.4	7.25	0.06	-67.51	205.64	8.07798434	10.80356455		143.86	168.709	6.96	-0.04	-71.22	201.93	8.226398752	16.67806532
35.9	113.419	7.28	0.03	-70.86	202.29	8.21175886	12.02909068		143.9	168.731	6.94	-0.02	-71.73	201.42	8.24722818	17.21483558
35.94	113.438	7.28	0	-74.37	198.78	8.35675973	13.77215936		143.94	168.754	7	0.06	-76	197.15	8.425851889	18.48652379
35.98	113.457	7.29	0.01	-75.75	197.4	8.41518085	14.32878566		143.98	168.776	7.02	0.02	-75.78	197.37	8.416459948	18.09300776

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
36.02	113.476	7.28	-0.01	-78.54	194.61	8.53582396	15.88060109		144.02	168.798	6.97	-0.05	-79.39	193.76	8.573269509	20.62975885
36.06	113.495	7.29	0.01	-80.95	192.2	8.64285484	16.98195148		144.06	168.821	6.94	-0.03	-79.54	193.61	8.579911678	21.13300271
36.1	113.514	7.28	-0.01	-82.16	190.99	8.69761087	17.74496677		144.1	168.843	6.91	-0.03	-81.78	191.37	8.680340179	22.71073188
36.14	113.533	7.23	-0.05	-82.82	190.33	8.72777124	18.77168455		144.14	168.865	6.91	0	-85.82	187.33	8.867542305	24.81428688
36.18	113.552	7.19	-0.04	-84.24	188.91	8.79337621	20.06304788		144.18	168.888	6.94	0.03	-85.41	187.74	8.848176734	24.17222414
36.22	113.571	7.21	0.02	-83.38	189.77	8.75352637	19.33816298		144.22	168.91	6.94	0	-85.77	187.38	8.865176113	24.36133706
36.26	113.59	7.25	0.04	-81.45	191.7	8.6653975	17.7865177		144.26	168.933	6.98	0.04	-84.55	188.6	8.807829799	23.1549215
36.3	113.609	7.28	0.03	-69.75	203.4	8.16694543	11.48376463		144.3	168.955	7.08	0.1	-60.07	213.08	7.795929698	9.625343926
36.34	113.628	7.27	-0.01	-56.11	217.04	7.65368918	5.142015182		144.34	168.978	7.11	0.03	-49.77	223.38	7.436461187	4.488530688
36.38	113.646	7.24	-0.03	-52.53	220.62	7.52949279	3.920145358		144.38	169	7.07	-0.04	-45.55	227.6	7.298579525	3.181657937
36.42	113.665	7.21	-0.03	-46.5	226.65	7.32917141	1.639315011		144.42	169.022	6.97	-0.1	-31.89	241.26	6.885338224	1.222081689
36.46	113.684	7.19	-0.02	-39.08	234.07	7.09683727	1.304175687		144.46	169.045	6.94	-0.03	-24.89	248.26	6.691197535	3.6504858
36.5	113.703	7.19	0	-35.06	238.09	6.97701163	3.006821357		144.5	169.067	6.94	0	-26.01	247.14	6.721521	3.198457913
36.54	113.722	7.19	0	-32.56	240.59	6.90451266	4.051042424		144.54	169.09	6.94	0	-25.84	247.31	6.716900651	3.267203221
36.58	113.741	7.19	0	-29.07	244.08	6.80578786	5.490396789		144.58	169.112	6.88	-0.06	-23.58	249.57	6.656075249	3.308562437
36.62	113.76	7.18	-0.01	-26.2	246.95	6.72669245	6.519271981		144.62	169.134	6.8	-0.08	-27.93	245.22	6.77414852	0.380892846
36.66	113.779	7.14	-0.04	-26.59	246.56	6.7373325	5.803240717		144.66	169.157	6.77	-0.03	-28	245.15	6.776082806	0.089809084
36.7	113.798	7.11	-0.03	-32.86	240.29	6.91313288	2.807748034		144.7	169.179	6.77	0	-39.54	233.61	7.110811609	4.910542967
36.74	113.817	7.09	-0.02	-45.77	227.38	7.30564122	2.995923753		144.74	169.202	6.77	0	-58.55	214.6	7.740711556	13.3792413
36.78	113.836	7.11	0.02	-58.6	214.55	7.7425155	8.517284465		144.78	169.224	6.85	0.08	-64.03	209.12	7.943557288	14.78423704
36.82	113.855	7.18	0.07	-64.91	208.24	7.97712591	10.51816706		144.82	169.247	7.02	0.17	-63.72	209.43	7.931799169	12.1965144
36.86	113.874	7.27	0.09	-67.04	206.11	8.05956383	10.30119101		144.86	169.269	6.96	-0.06	-70.32	202.83	8.189896465	16.23636792
36.9	113.893	7.3	0.03	-68.73	204.42	8.1261946	10.71158015		144.9	169.291	6.94	-0.02	-71.68	201.47	8.245181417	17.19019853
36.94	113.912	7.3	0	-70.64	202.51	8.20283788	11.64738858		144.94	169.314	6.97	0.03	-75.07	198.08	8.386291902	18.44575385
36.98	113.931	7.28	-0.02	-72.66	200.49	8.28548406	12.9194063		144.98	169.336	7.02	0.05	-76.52	196.63	8.448134567	18.46550483

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
37.02	113.95	7.29	0.01	-78.18	194.97	8.52006309	15.56050826		145.02	169.359	6.97	-0.05	-75.37	197.78	8.399012539	18.59602282
37.06	113.969	7.28	-0.01	-82.2	190.95	8.69943284	17.76574739		145.06	169.381	6.94	-0.03	-79.12	194.03	8.561339484	20.91870171
37.1	113.988	7.23	-0.05	-83.79	189.36	8.7724794	19.27800518		145.1	169.404	6.94	0	-82.56	190.59	8.715864946	22.68625786
37.14	114.006	7.19	-0.04	-84.37	188.78	8.79943161	20.13119231		145.14	169.426	6.94	0	-85.01	188.14	8.829364835	23.96247223
37.18	114.025	7.19	0	-84.48	188.67	8.80456193	20.18888595		145.18	169.448	6.94	0	-85.28	187.87	8.84205408	24.10401169
37.22	114.044	7.22	0.03	-80.28	192.87	8.61283092	17.59421204		145.22	169.471	6.94	0	-85.77	187.38	8.865176113	24.36133706
37.26	114.063	7.25	0.03	-72.16	200.99	8.26487238	13.08257466		145.26	169.493	7.01	0.07	-84.58	188.57	8.809231055	22.74738954
37.3	114.082	7.28	0.03	-61.9	211.25	7.86346367	7.70581528		145.3	169.516	7.11	0.1	-70.66	202.49	8.203648081	14.28331219
37.34	114.101	7.29	0.01	-52.14	221.01	7.51620605	3.055557287		145.34	169.538	7.08	-0.03	-57.32	215.83	7.696597785	8.345598821
37.38	114.12	7.28	-0.01	-46.68	226.47	7.33499669	0.752606237		145.38	169.561	7.02	-0.06	-46.38	226.77	7.325293028	4.256351231
37.42	114.139	7.24	-0.04	-42.7	230.45	7.20831721	0.438567261		145.42	169.583	7.02	0	-37.12	236.03	7.037904927	0.254731092
37.46	114.158	7.19	-0.05	-39.29	233.86	7.10321004	1.214422227		145.46	169.606	7	-0.02	-33.9	239.25	6.943183699	0.814968836
37.5	114.177	7.19	0	-36.43	236.72	7.01739059	2.429853827		145.5	169.628	7.02	0.02	-29.28	243.87	6.811648419	3.012678958
37.54	114.196	7.19	0	-33.52	239.63	6.93217335	3.651373525		145.54	169.65	7	-0.02	-27.02	246.13	6.749102913	3.649650286
37.58	114.215	7.19	0	-30.26	242.89	6.83913171	5.00199587		145.58	169.673	6.9	-0.1	-25.09	248.06	6.696592357	2.992038563
37.62	114.234	7.17	-0.02	-28.14	245.01	6.7799547	5.592065534		145.62	169.695	6.85	-0.05	-27.16	245.99	6.752944022	1.42698489
37.66	114.253	7.14	-0.03	-29.06	244.09	6.80550903	4.797113761		145.66	169.718	6.79	-0.06	-28.27	244.88	6.783553986	0.094979021
37.7	114.272	7.11	-0.03	-34.92	238.23	6.97291147	1.946877649		145.7	169.74	6.77	-0.02	-40.06	233.09	7.126675104	5.133243763
37.74	114.291	7.1	-0.01	-46.26	226.89	7.32141875	3.070693016		145.74	169.763	6.77	0	-59.18	213.97	7.763502827	13.67189781
37.78	114.31	7.11	0.01	-58.04	215.11	7.72235926	8.257071547		145.78	169.785	6.9	0.13	-63.61	209.54	7.927635296	13.86108136
37.82	114.329	7.15	0.04	-65.35	207.8	7.99401684	11.14653862		145.82	169.808	7.02	0.12	-64.83	208.32	7.9740625	12.72587066
37.86	114.348	7.19	0.04	-69.26	203.89	8.14731816	12.48351441		145.86	169.83	6.98	-0.04	-71.28	201.87	8.22884381	16.42260024
37.9	114.367	7.23	0.04	-71.98	201.17	8.25747726	13.26849094		145.9	169.853	6.94	-0.04	-72.61	200.54	8.283418271	17.64936425
37.94	114.386	7.26	0.03	-74.17	198.98	8.34836014	13.94586141		145.94	169.875	7	0.06	-75.34	197.81	8.397738739	18.15511697
37.98	114.405	7.28	0.02	-76.09	197.06	8.42970009	14.63681782		145.98	169.898	7.02	0.02	-73.03	200.12	8.300803018	16.71978964

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
38.02	114.424	7.23	-0.05	-77.86	195.29	8.50610221	16.21878392		146.02	169.92	6.97	-0.05	-76.39	196.76	8.442552856	19.10848735
38.06	114.443	7.19	-0.04	-80.68	192.47	8.6307305	18.21319822		146.06	169.943	6.95	-0.02	-80.07	193.08	8.603463331	21.26167396
38.1	114.462	7.19	0	-82.97	190.18	8.73465506	19.39954187		146.1	169.965	6.95	0	-83.17	189.98	8.743850405	22.86055186
38.14	114.481	7.19	0	-84.48	188.67	8.80456193	20.18888595		146.14	169.987	6.96	0.01	-84.89	188.26	8.823736853	23.61591391
38.18	114.5	7.19	0	-84.36	188.79	8.79896552	20.12594893		146.18	170.01	6.96	0	-84.31	188.84	8.796635776	23.31253705
38.22	114.519	7.22	0.03	-80.01	193.14	8.60079062	17.45539337		146.22	170.033	6.96	0	-82.67	190.48	8.720898257	22.45915034
38.26	114.538	7.26	0.04	-71.96	201.19	8.25665639	12.84627782		146.26	170.055	7	0.04	-79.22	193.93	8.565754138	20.11793485
38.3	114.557	7.28	0.02	-61.73	211.42	7.85714076	7.625492443		146.3	170.078	7.06	0.06	-68.59	204.56	8.120633066	13.97350244
38.34	114.576	7.26	-0.02	-52.81	220.34	7.539061	3.771333826		146.34	170.1	7.05	-0.01	-57.62	215.53	7.707310815	8.908273647
38.38	114.594	7.22	-0.04	-50.2	222.95	7.45080377	3.146436573		146.38	170.123	7.02	-0.03	-47.54	225.61	7.362956872	4.76893417
38.42	114.614	7.2	-0.02	-42.5	230.65	7.20206677	0.028700989		146.42	170.145	7.02	0	-38.32	234.83	7.073869182	0.764434255
38.46	114.632	7.19	-0.01	-37.98	235.17	7.06364205	1.772991821		146.46	170.167	7.01	-0.01	-33.36	239.79	6.927547854	1.18316574
38.5	114.651	7.21	0.02	-34.63	238.52	6.96443359	3.464920245		146.5	170.19	7.02	0.01	-30.52	242.63	6.846460454	2.503011441
38.54	114.67	7.19	-0.02	-30.73	242.42	6.8523913	4.808421704		146.54	170.212	7.01	-0.01	-25.91	247.24	6.718802378	4.242141648
38.58	114.689	7.14	-0.05	-29.19	243.96	6.80913551	4.743870839		146.58	170.235	6.92	-0.09	-24.7	248.45	6.686080499	3.438455342
38.62	114.708	7.11	-0.03	-30.12	243.03	6.83519195	3.941258741		146.62	170.258	6.85	-0.07	-27.42	245.73	6.760089122	1.321238634
38.66	114.727	7.11	0	-31.96	241.19	6.88733654	3.18151185		146.66	170.28	6.82	-0.03	-28.48	244.67	6.789376303	0.450038217
38.7	114.746	7.11	0	-34.36	238.79	6.9565589	2.181643712		146.7	170.302	6.81	-0.01	-40.26	232.89	7.132795311	4.630281144
38.74	114.765	7.1	-0.01	-46.17	226.98	7.31851573	3.031043311		146.74	170.325	6.77	-0.04	-59.3	213.85	7.767859247	13.72773295
38.78	114.784	7.11	0.01	-57.61	215.54	7.70695323	8.05770558		146.78	170.348	6.9	0.13	-63.89	209.26	7.938242856	13.99414831
38.82	114.803	7.15	0.04	-64.11	209.04	7.9465973	10.55333578		146.82	170.37	7.02	0.12	-65.02	208.13	7.98134195	12.81674603
38.86	114.822	7.19	0.04	-68.03	205.12	8.09846285	11.88429288		146.86	170.393	7	-0.02	-71.22	201.93	8.226398752	16.10884848
38.9	114.841	7.23	0.04	-71.51	201.64	8.23823001	13.0361394		146.9	170.415	6.98	-0.02	-72.44	200.71	8.276402272	16.99486221
38.94	114.86	7.26	0.03	-74.69	198.46	8.3702343	14.20624007		146.94	170.438	7.01	0.03	-75.73	197.42	8.414328336	18.20926403
38.98	114.879	7.28	0.02	-75.36	197.79	8.3985879	14.26898779		146.98	170.46	7.02	0.01	-74.56	198.59	8.364755023	17.48165663

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
39.02	114.898	7.23	-0.05	-78.65	194.5	8.54065141	16.62139856		147.02	170.483	6.97	-0.05	-77.4	195.75	8.48611341	19.61830079
39.06	114.917	7.19	-0.04	-81.12	192.03	8.65050617	18.44014522		147.06	170.505	6.97	0	-81.03	192.12	8.646453779	21.47035175
39.1	114.936	7.19	0	-83.15	190	8.74293	19.49333864		147.1	170.528	6.97	0	-83.79	189.36	8.772479404	22.89956185
39.14	114.955	7.19	0	-84.67	188.48	8.8134375	20.28860987		147.14	170.55	6.97	0	-84.78	188.37	8.818584169	23.41671868
39.18	114.974	7.19	0	-85.45	187.7	8.85006233	20.69895115		147.18	170.573	6.98	0.01	-83.33	189.82	8.75122063	22.51854032
39.22	114.993	7.22	0.03	-84.07	189.08	8.78547017	19.56168928		147.22	170.595	6.98	0	-79.58	193.57	8.581684662	20.58497774
39.26	115.012	7.26	0.04	-82.42	190.73	8.70946731	18.15298258		147.26	170.618	6.99	0.01	-73.86	199.29	8.335374078	17.5574713
39.3	115.031	7.28	0.02	-61.23	211.92	7.83860277	7.389608457		147.3	170.64	7	0.01	-66.51	206.64	8.038892276	13.81607445
39.34	115.05	7.27	-0.01	-54.76	218.39	7.60637712	4.522298954		147.34	170.663	7.01	0.01	-57.92	215.23	7.71805371	9.615034327
39.38	115.069	7.26	-0.01	-46.79	226.36	7.33856114	1.076286091		147.38	170.685	7.02	0.01	-48.69	224.46	7.400680299	5.279644115
39.42	115.088	7.23	-0.03	-42.63	230.52	7.20612832	0.33072138		147.42	170.708	7.02	0	-39.51	233.64	7.109898562	1.272458702
39.46	115.107	7.19	-0.04	-37.95	235.2	7.06274107	1.785746727		147.46	170.73	7.02	0	-32.81	240.34	6.911694683	1.554804637
39.5	115.126	7.14	-0.05	-33.52	239.63	6.93217335	2.953724975		147.5	170.753	7.02	0	-31.76	241.39	6.881630142	1.990699745
39.54	115.145	7.11	-0.03	-30.31	242.84	6.84053986	3.86307829		147.54	170.775	7.02	0	-24.8	248.35	6.6887727	4.832340683
39.58	115.164	7.11	0	-29.46	243.69	6.8166798	4.212349334		147.58	170.798	6.94	-0.08	-24.32	248.83	6.675869871	3.879739326
39.62	115.183	7.11	0	-30.47	242.68	6.84504986	3.797193744		147.62	170.82	6.85	-0.09	-27.68	245.47	6.767249358	1.215379692
39.66	115.202	7.11	0	-31.97	241.18	6.88762211	3.177366703		147.66	170.843	6.85	0	-28.69	244.46	6.795208623	0.803085954
39.7	115.221	7.11	0	-34.72	238.43	6.96706245	2.030786612		147.7	170.866	6.85	0	-40.46	232.69	7.138926039	4.130782279
39.74	115.24	7.1	-0.01	-46.88	226.27	7.34148009	3.344256803		147.74	170.888	6.77	-0.08	-59.42	213.73	7.772220559	13.78359728
39.78	115.259	7.11	0.01	-58.85	214.3	7.75154783	8.633661009		147.78	170.911	6.9	0.13	-64.18	208.97	7.949259224	14.13214232
39.82	115.279	7.15	0.04	-64.33	208.82	7.95496935	10.6583381		147.82	170.933	7.02	0.12	-65.21	207.94	7.988634702	12.90769909
39.86	115.297	7.19	0.04	-67.9	205.25	8.0933335	11.82115794		147.86	170.956	7.02	0	-71.15	202	8.22354802	15.79091716
39.9	115.316	7.23	0.04	-71.48	201.67	8.23700451	13.02132564		147.9	170.978	7.02	0	-72.27	200.88	8.269398148	16.34332674
39.94	115.336	7.26	0.03	-74.64	198.51	8.36812604	14.18117612		147.94	171.001	7.02	0	-76.12	197.03	8.430983607	18.2639972
39.98	115.355	7.28	0.02	-76.54	196.61	8.44899395	14.86419222		147.98	171.023	7.02	0	-76.09	197.06	8.429700091	18.24889911

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
40.02	115.374	7.23	-0.05	-77.39	195.76	8.48567991	15.97996295		148.02	171.046	6.97	-0.05	-79.43	193.72	8.575039748	20.65018519
40.06	115.393	7.19	-0.04	-80.56	192.59	8.62535282	18.15138541		148.06	171.069	6.94	-0.03	-77.61	195.54	8.495227064	20.15165773
40.1	115.412	7.19	0	-80.47	192.68	8.62132396	18.10504877		148.1	171.091	6.94	0	-79.28	193.87	8.568405117	21.00029119
40.14	115.431	7.19	0	-81.96	191.19	8.68851247	18.87472113		148.14	171.114	6.94	0	-84.55	188.6	8.807829799	23.72174226
40.18	115.45	7.19	0	-86.05	187.1	8.87844308	21.01564004		148.18	171.136	6.94	0	-85.04	188.11	8.830772952	23.97819001
40.22	115.469	7.19	0	-85.26	187.89	8.84111289	20.59885545		148.22	171.159	7.02	0.08	-86.02	187.13	8.877019719	23.36311776
40.26	115.488	7.19	0	-81.81	191.34	8.68170116	18.79699152		148.26	171.181	7.05	0.03	-84.84	188.31	8.821393978	22.32184496
40.3	115.507	7.19	0	-65.03	208.12	7.98172545	10.43685439		148.3	171.204	7.19	0.14	-76.54	196.61	8.448993947	16.10070253
40.34	115.526	7.19	0	-55.15	218	7.61998486	5.806688749		148.34	171.226	7.19	0	-62.65	210.5	7.89148076	9.302544906
40.38	115.545	7.19	0	-45.01	228.14	7.28130402	1.261863115		148.38	171.249	7.17	-0.02	-46.35	226.8	7.324324074	2.129441474
40.42	115.564	7.2	0.01	-42.59	230.56	7.20487812	0.067728762		148.42	171.272	7.05	-0.12	-33.05	240.1	6.918603499	1.881311922
40.46	115.583	7.19	-0.01	-37.78	235.37	7.05763989	1.857993533		148.46	171.294	7.02	-0.03	-30.95	242.2	6.858615607	2.325655492
40.5	115.602	7.15	-0.04	-34.55	238.6	6.96209849	2.662984657		148.5	171.317	7.02	0	-29.22	243.93	6.809972943	3.037273577
40.54	115.621	7.11	-0.04	-32.64	240.51	6.90680928	2.899243553		148.54	171.339	7.02	0	-26.4	246.75	6.732144681	4.186333489
40.58	115.64	7.11	0	-30.8	242.35	6.85437054	3.661166979		148.58	171.362	6.94	-0.08	-26.38	246.77	6.73159906	3.04866957
40.62	115.659	7.11	0	-30.51	242.64	6.84617829	3.78071569		148.62	171.385	6.85	-0.09	-28.66	244.49	6.794374821	0.815356946
40.66	115.678	7.11	0	-32.24	240.91	6.89534141	3.065381698		148.66	171.407	6.85	0	-29.07	244.08	6.805787856	0.647522414
40.7	115.697	7.11	0	-34.44	238.71	6.95889029	2.148139784		148.7	171.43	6.85	0	-40.74	232.41	7.147526785	4.251133634
40.74	115.716	7.1	-0.01	-46.96	226.19	7.34407666	3.379609053		148.74	171.452	6.83	-0.02	-59.1	214.05	7.760601261	12.75617426
40.78	115.735	7.11	0.01	-60.31	212.84	7.80472045	9.315903033		148.78	171.475	6.92	0.09	-64.75	208.4	7.97100144	14.11592691
40.82	115.754	7.15	0.04	-64.37	208.78	7.95649344	10.67744068		148.82	171.498	7.02	0.1	-63.48	209.67	7.922719989	12.0824052
40.86	115.773	7.19	0.04	-67.67	205.48	8.08427438	11.70954979		148.86	171.52	7.02	0	-69.15	204	8.142925	14.81145623
40.9	115.792	7.23	0.04	-71.78	201.37	8.24927596	13.16955602		148.9	171.543	7.02	0	-72.22	200.93	8.267340367	16.31860529
40.94	115.811	7.26	0.03	-74.47	198.68	8.36096587	14.09600256		148.94	171.565	7.02	0	-76.06	197.09	8.428416967	18.23380311
40.98	115.83	7.28	0.02	-74.56	198.59	8.36475502	13.86733153		148.98	171.588	7.02	0	-76.77	196.38	8.458889398	18.59163615

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
41.02	115.849	7.22	-0.06	-78.95	194.2	8.55384501	16.91210995		149.02	171.61	7	-0.02	-78.62	194.53	8.539334293	19.81210088
41.06	115.868	7.19	-0.03	-81.53	191.62	8.66901524	18.65204385		149.06	171.633	6.94	-0.06	-80.54	192.61	8.624457193	21.64492051
41.1	115.887	7.19	0	-81.58	191.57	8.67127786	18.67791328		149.1	171.656	6.94	0	-82.95	190.2	8.733736593	22.88843611
41.14	115.906	7.19	0	-83	190.15	8.73603313	19.4151691		149.14	171.678	6.94	0	-85.41	187.74	8.848176734	24.17222414
41.18	115.925	7.19	0	-84.76	188.39	8.81764796	20.33587905		149.18	171.701	6.94	0	-85.34	187.81	8.844878867	24.1354892
41.22	115.945	7.19	0	-84.73	188.42	8.81624403	20.3201204		149.22	171.723	6.94	0	-85.85	187.3	8.868962627	24.40340549
41.26	115.964	7.19	0	-81.93	191.22	8.68714936	18.85917079		149.26	171.746	7.05	0.11	-84.6	188.55	8.810165473	22.19605434
41.3	115.983	7.19	0	-63.92	209.23	7.93938106	9.906301662		149.3	171.769	7.14	0.09	-68.71	204.44	8.125399628	12.91023691
41.34	116.002	7.19	0	-56.02	217.13	7.65051674	6.206208977		149.34	171.791	7.19	0.05	-55.54	217.61	7.633641377	5.985592413
41.38	116.021	7.19	0	-45.79	227.36	7.30628387	1.604326572		149.38	171.814	7.11	-0.08	-46.33	226.82	7.323678247	2.960828742
41.42	116.04	7.2	0.01	-41.39	231.76	7.16757292	0.45139259		149.42	171.837	7.02	-0.09	-37.22	235.93	7.040887975	0.297107484
41.46	116.059	7.19	-0.01	-37.48	235.67	7.04865575	1.985359504		149.46	171.859	7.02	0	-31.98	241.17	6.8879077	1.899527994
41.5	116.078	7.15	-0.04	-34.75	238.4	6.96793918	2.579141613		149.5	171.882	7.02	0	-32.95	240.2	6.915723147	1.496540244
41.54	116.097	7.11	-0.04	-32.87	240.28	6.91342059	2.803587129		149.54	171.904	7.02	0	-24.14	249.01	6.671044135	5.09757856
41.58	116.116	7.11	0	-31.42	241.73	6.87195094	3.405090807		149.58	171.927	6.92	-0.1	-25.29	247.86	6.701995885	3.20076613
41.62	116.135	7.11	0	-28.86	244.29	6.79993737	4.458145601		149.62	171.95	6.85	-0.07	-28.16	244.99	6.780508184	1.019651139
41.66	116.154	7.1	-0.01	-30.06	243.09	6.83350487	3.825241785		149.66	171.972	6.85	0	-28.89	244.26	6.800772537	0.721240683
41.7	116.173	7.08	-0.02	-34.76	238.39	6.96823147	1.591211403		149.7	171.995	6.85	0	-40.51	232.64	7.140460368	4.15226319
41.74	116.192	7.07	-0.01	-45.48	227.67	7.29633549	3.150914662		149.74	172.017	6.85	0	-59.29	213.86	7.767496025	12.55339524
41.78	116.211	7.07	0	-60.83	212.32	7.82383525	10.12278216		149.78	172.04	6.92	0.07	-62.77	210.38	7.895982033	13.17471944
41.82	116.23	7.08	0.01	-63.84	209.31	7.93634657	11.40552482		149.82	172.063	7.02	0.1	-63.41	209.74	7.920075808	12.04914647
41.86	116.249	7.11	0.03	-70.87	202.28	8.21216482	14.38654177		149.86	172.085	7	-0.02	-71.16	201.99	8.223955146	16.07933201
41.9	116.268	7.15	0.04	-70.74	202.41	8.20689047	13.76438117		149.9	172.108	6.97	-0.03	-73.49	199.66	8.319927377	17.65773431
41.94	116.287	7.19	0.04	-71.47	201.68	8.23659609	13.56872361		149.94	172.131	7.02	0.05	-76.25	196.9	8.436550025	18.32944639
41.98	116.306	7.24	0.05	-74.56	198.59	8.36475502	14.4155422		149.98	172.153	7.02	0	-76.67	196.48	8.454584182	18.54116614

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
42.02	116.326	7.21	-0.03	-77.02	196.13	8.46967165	16.06757686		150.02	172.176	7	-0.02	-78.66	194.49	8.541090545	19.83246337
42.06	116.345	7.19	-0.02	-81.14	192.01	8.65140722	18.45047221		150.06	172.198	6.96	-0.04	-80.44	192.71	8.619981838	21.30916268
42.1	116.364	7.19	0	-82.66	190.49	8.72044044	19.23819078		150.1	172.221	6.94	-0.02	-83.04	190.11	8.737871232	22.93514478
42.14	116.383	7.18	-0.01	-84.15	189	8.78918889	20.15367092		150.14	172.244	6.94	0	-84.95	188.2	8.826549947	23.93104329
42.18	116.402	7.15	-0.03	-86.02	187.13	8.87701972	21.55135202		150.18	172.266	6.96	0.02	-85.41	187.74	8.848176734	23.88860861
42.22	116.421	7.15	0	-85.49	187.66	8.85194874	21.2717684		150.22	172.289	6.96	0	-85.81	187.34	8.867068966	24.09882676
42.26	116.44	7.17	0.02	-81.51	191.64	8.66811052	18.91779348		150.26	172.312	7.06	0.1	-83.85	189.3	8.775259905	21.66380489
42.3	116.459	7.19	0.02	-63.26	209.89	7.91441565	9.592104233		150.3	172.334	7.15	0.09	-68.92	204.23	8.13375459	12.87320579
42.34	116.478	7.2	0.01	-49.62	223.53	7.43147094	3.164014669		150.34	172.357	7.21	0.06	-56.25	216.9	7.658629322	6.034575381
42.38	116.497	7.19	-0.01	-43.95	229.2	7.24762958	0.798324695		150.38	172.38	7.12	-0.09	-47.02	226.13	7.346025295	3.124912207
42.42	116.516	7.16	-0.03	-41.92	231.23	7.18400164	0.334657566		150.42	172.402	7.04	-0.08	-37.74	235.41	7.056440678	0.233259989
42.46	116.535	7.13	-0.03	-37.01	236.14	7.03462649	1.346643447		150.46	172.425	7.04	0	-32.3	240.85	6.897059165	2.051233805
42.5	116.554	7.11	-0.02	-32.28	240.87	6.89648649	3.048780488		150.5	172.448	7.05	0.01	-31.99	241.16	6.888193316	2.321774145
42.54	116.573	7.11	0	-31.53	241.62	6.87507946	3.359588152		150.54	172.47	7.05	0	-25.01	248.14	6.694433384	5.173972701
42.58	116.593	7.11	0	-29.44	243.71	6.81612039	4.220552499		150.58	172.493	6.95	-0.1	-25.62	247.53	6.710930796	3.500042673
42.62	116.612	7.11	0	-30.23	242.92	6.83828709	3.896003973		150.62	172.516	6.88	-0.07	-27.83	245.32	6.771387168	1.591235101
42.66	116.631	7.07	-0.04	-31.54	241.61	6.87536402	2.791407716		150.66	172.538	6.85	-0.03	-29.36	243.79	6.81388367	0.528639302
42.7	116.65	7.02	-0.05	-34.01	239.14	6.94637744	1.054282895		150.7	172.561	6.85	0	-40.71	232.44	7.146604285	4.238232059
42.74	116.669	7.01	-0.01	-45.75	227.4	7.30499868	4.121532769		150.74	172.584	6.85	0	-58.36	214.79	7.733864239	12.12112544
42.78	116.688	7.02	0.01	-55.91	217.24	7.64664288	8.545144085		150.78	172.606	6.92	0.07	-63.01	210.14	7.905	13.28836425
42.82	116.707	7.07	0.05	-63.57	209.58	7.92612224	11.41791499		150.82	172.629	7.04	0.12	-64.3	208.85	7.95382667	12.1893722
42.86	116.726	7.13	0.06	-67.2	205.95	8.0658252	12.3168724		150.86	172.652	7.01	-0.03	-70.96	202.19	8.215820268	15.83915017
42.9	116.745	7.17	0.04	-70.54	202.61	8.1987893	13.38803311		150.9	172.674	6.98	-0.03	-73.09	200.06	8.303292512	17.31685121
42.94	116.764	7.18	0.01	-73.94	199.21	8.33872145	14.93320765		150.94	172.697	7.04	0.06	-76.18	196.97	8.43355181	18.01204826
42.98	116.783	7.19	0.01	-74.91	198.24	8.37952331	15.28015061		150.98	172.72	7.05	0.01	-76.96	196.19	8.467081401	18.26479303

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
43.02	116.802	7.21	0.02	-77.91	195.24	8.50828058	16.51937146		151.02	172.742	7.02	-0.03	-78.74	194.41	8.544605216	19.59066992
43.06	116.821	7.19	-0.02	-80.75	192.4	8.63387058	18.24927188		151.06	172.765	7	-0.02	-80.23	192.92	8.610598694	20.63468193
43.1	116.841	7.15	-0.04	-81.77	191.38	8.67988661	19.32909124		151.1	172.788	6.94	-0.06	-83.21	189.94	8.745691797	23.02342569
43.14	116.86	7.11	-0.04	-83.7	189.45	8.76831196	20.88776137		151.14	172.81	6.94	0	-84.03	189.12	8.783611992	23.45023514
43.18	116.879	7.11	0	-85	188.15	8.82889556	21.56856547		151.18	172.833	6.99	0.05	-85.55	187.6	8.854779851	23.53809732
43.22	116.898	7.12	0.01	-84.16	188.99	8.78965395	20.98919254		151.22	172.856	7	0.01	-85.72	187.43	8.862811183	23.48652028
43.26	116.917	7.14	0.02	-81.02	192.13	8.64600375	19.08024059		151.26	172.878	7.08	0.08	-82.37	190.78	8.707184715	20.61399476
43.3	116.936	7.16	0.02	-70.87	202.28	8.21216482	13.68922118		151.3	172.901	7.18	0.1	-69.36	203.79	8.151316061	12.67100694
43.34	116.955	7.18	0.02	-55.15	218	7.61998486	5.945747465		151.34	172.924	7.24	0.06	-57.68	215.47	7.709457001	6.280589334
43.38	116.974	7.19	0.01	-44.71	228.44	7.27174181	1.130456		151.38	172.947	7.14	-0.1	-48.39	224.76	7.390802189	3.452007477
43.42	116.993	7.21	0.02	-44.54	228.61	7.26633437	0.77829604		151.42	172.969	7.08	-0.06	-38.78	234.37	7.087753125	0.109447494
43.46	117.012	7.19	-0.02	-38.29	234.86	7.0729656	1.641094942		151.46	172.992	7.06	-0.02	-32.95	240.2	6.915723147	2.064678172
43.5	117.031	7.15	-0.04	-34.95	238.2	6.97378967	2.495227294		151.5	173.015	7.09	0.03	-30.05	243.1	6.833223776	3.688459338
43.54	117.051	7.11	-0.04	-30.62	242.53	6.84928339	3.735386769		151.54	173.037	7.09	0	-26.75	246.4	6.741707386	5.0361478
43.58	117.07	7.11	0	-26.55	246.6	6.73623966	5.398727017		151.58	173.06	7.01	-0.08	-26.28	246.87	6.728872281	4.092442426
43.62	117.089	7.11	0	-28.97	244.18	6.80300066	4.413129164		151.62	173.083	6.92	-0.09	-27.17	245.98	6.753218554	2.439534554
43.66	117.108	7.07	-0.04	-30.78	242.37	6.85380493	3.10540222		151.66	173.105	6.85	-0.07	-30.28	242.87	6.839694899	0.150552683
43.7	117.127	7.02	-0.05	-34.19	238.96	6.95160989	0.978986783		151.7	173.128	6.85	0	-41.11	232.04	7.158923892	4.41038719
43.74	117.146	7	-0.02	-46.75	226.4	7.33726458	4.704726961		151.74	173.151	6.85	0	-56.51	216.64	7.667820809	11.26644032
43.78	117.165	7.02	0.02	-54.73	218.42	7.60533239	8.004363547		151.78	173.173	6.93	0.08	-63.48	209.67	7.922719989	13.36751772
43.82	117.184	7.09	0.07	-63.73	209.42	7.93217792	11.212461		151.82	173.196	7.07	0.14	-66.09	207.06	8.022586207	12.6232336
43.86	117.203	7.16	0.07	-67.26	205.89	8.06817572	11.92757086		151.86	173.219	7.04	-0.03	-70.57	202.58	8.200003455	15.22313901
43.9	117.223	7.2	0.04	-69.64	203.51	8.16253108	12.53089188		151.9	173.242	7.01	-0.03	-72.29	200.86	8.270221547	16.49480727
43.94	117.242	7.2	0	-73.74	199.41	8.33035806	14.55675461		151.94	173.264	7.07	0.06	-76.03	197.12	8.427134233	17.51464771
43.98	117.261	7.19	-0.01	-76.04	197.11	8.42756177	15.84833517		151.98	173.287	7.09	0.02	-77.54	195.61	8.492187005	17.99730685

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
44.02	117.28	7.21	0.02	-76.88	196.27	8.4636302	15.99667961		152.02	173.31	7.02	-0.07	-78.78	194.37	8.546363636	19.61104947
44.06	117.299	7.19	-0.02	-80.03	193.12	8.60168134	17.87879717		152.06	173.332	7.02	0	-80.13	193.02	8.606137706	20.30108445
44.1	117.318	7.15	-0.04	-80.56	192.59	8.62535282	18.70453027		152.1	173.355	6.94	-0.08	-83.3	189.85	8.749837767	23.07019096
44.14	117.337	7.11	-0.04	-83.18	189.97	8.74431068	20.61660975		152.14	173.378	6.94	0	-83.56	189.59	8.761837122	23.20540085
44.18	117.356	7.11	0	-84.76	188.39	8.81764796	21.44256287		152.18	173.401	7	0.06	-85.63	187.52	8.858557487	23.43917457
44.22	117.375	7.13	0.02	-85.44	187.71	8.84959086	21.52233901		152.22	173.423	7.02	0.02	-85.67	187.48	8.860447514	23.17878653
44.26	117.395	7.17	0.04	-75.1	198.05	8.38756223	15.65235239		152.26	173.446	7.09	0.07	-81.63	191.52	8.673541667	20.09119144
44.3	117.414	7.19	0.02	-60.54	212.61	7.81316354	8.307095197		152.3	173.469	7.19	0.1	-69.58	203.57	8.160125264	12.63996544
44.34	117.433	7.21	0.02	-51.29	221.86	7.48740963	3.774945854		152.34	173.492	7.25	0.06	-58.39	214.76	7.734944589	6.472424191
44.38	117.452	7.19	-0.02	-46.63	226.52	7.33337763	1.974439147		152.38	173.514	7.15	-0.1	-49.08	224.07	7.413561387	3.6194634
44.42	117.471	7.15	-0.04	-42.98	230.17	7.21708607	0.933885501		152.42	173.537	7.09	-0.06	-39.3	233.85	7.103513791	0.190422063
44.46	117.49	7.11	-0.04	-37.02	236.13	7.03492441	1.061519903		152.46	173.56	7.07	-0.02	-33.27	239.88	6.924948724	2.072908997
44.5	117.509	7.1	-0.01	-33.89	239.26	6.9428935	2.237523128		152.5	173.582	7.11	0.04	-29.08	244.07	6.806066702	4.368091995
44.54	117.528	7.11	0.01	-31.65	241.5	6.87849565	3.309924864		152.54	173.605	7.11	0	-27.62	245.53	6.76559565	4.964173913
44.58	117.547	7.12	0.01	-28.43	244.72	6.78798913	4.774390697		152.58	173.628	7.04	-0.07	-26.6	246.55	6.737605759	4.38964862
44.62	117.567	7.11	-0.01	-30.7	242.45	6.85154341	3.702407125		152.62	173.651	6.94	-0.1	-26.84	246.31	6.74417076	2.862127973
44.66	117.586	7.07	-0.04	-31.84	241.31	6.88391157	2.667186661		152.66	173.674	6.85	-0.09	-30.74	242.41	6.852673982	0.039028617
44.7	117.605	7.02	-0.05	-34.53	238.62	6.96151496	0.836605177		152.7	173.696	6.85	0	-41.31	231.84	7.165099638	4.496573636
44.74	117.624	7.01	-0.01	-46.28	226.87	7.32206418	4.354769471		152.74	173.719	6.85	0	-55.59	217.56	7.635395753	10.8439668
44.78	117.643	7.02	0.01	-58.44	214.71	7.73674584	9.714144986		152.78	173.742	6.94	0.09	-63.71	209.44	7.931420455	13.33323145
44.82	117.662	7.07	0.05	-64.09	209.06	7.94583708	11.66551123		152.82	173.764	7.08	0.14	-66.99	206.16	8.057609139	12.91629516
44.86	117.681	7.12	0.05	-67.82	205.33	8.0901802	12.75698493		152.86	173.787	7.05	-0.03	-70.38	202.77	8.19231987	14.98879278
44.9	117.7	7.15	0.03	-72.37	200.78	8.27351678	14.56887946		152.9	173.81	7.02	-0.03	-71.89	201.26	8.253784657	16.15558533
44.94	117.72	7.18	0.03	-73.44	199.71	8.31784437	14.68390502		152.94	173.833	7.08	0.06	-75.95	197.2	8.423715517	17.33410957
44.98	117.739	7.19	0.01	-76.52	196.63	8.44813457	16.09059651		152.98	173.855	7.11	0.03	-77.83	195.32	8.50479572	17.86505241

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
45.02	117.758	7.21	0.02	-78.77	194.38	8.54592396	16.9577356		153.02	173.878	7.05	-0.06	-77.29	195.86	8.481347391	18.43172205
45.06	117.777	7.19	-0.02	-80.8	192.35	8.63611489	18.27504608		153.06	173.901	7.02	-0.03	-78.11	195.04	8.51700523	19.2701902
45.1	117.796	7.15	-0.04	-80.8	192.35	8.63611489	18.82812718		153.1	173.924	7.02	0	-80.25	192.9	8.611491446	20.36263081
45.14	117.815	7.11	-0.04	-84.23	188.92	8.79291076	21.16481419		153.14	173.947	7.02	0	-84.97	188.18	8.827488043	22.81103527
45.18	117.834	7.11	0	-85.68	187.47	8.86092015	21.92635278		153.18	173.969	7.02	0	-85.98	187.17	8.875122616	23.34203593
45.22	117.854	7.15	0.04	-85.13	188.02	8.835	21.08226462		153.22	173.992	7.02	0	-85.99	187.16	8.875596816	23.34730601
45.26	117.873	7.19	0.04	-81.78	191.37	8.68034018	18.78145222		153.26	174.015	7.07	0.05	-82.14	191.01	8.696700173	20.63463064
45.3	117.892	7.19	0	-60.66	212.49	7.81757589	8.363454441		153.3	174.038	7.17	0.1	-69.32	203.83	8.14971643	12.79026847
45.34	117.911	7.15	-0.04	-51.16	221.99	7.48302491	4.551689252		153.34	174.06	7.25	0.08	-61.07	212.08	7.83268908	7.726594064
45.38	117.93	7.11	-0.04	-45.79	227.36	7.30628387	2.723085489		153.38	174.083	7.15	-0.1	-47.05	226.1	7.347	2.717803684
45.42	117.949	7.11	0	-40.78	232.37	7.14875715	0.543625985		153.42	174.106	7.08	-0.07	-37.11	236.04	7.037606762	0.600572592
45.46	117.968	7.11	0	-36.59	236.56	7.02213688	1.243451322		153.46	174.129	7.02	-0.06	-32.16	240.99	6.893052409	1.824870452
45.5	117.987	7.11	0	-33.28	239.87	6.92523742	2.632838679		153.5	174.151	7.11	0.09	-27.33	245.82	6.757614108	5.082141591
45.54	118.007	7.11	0	-30.37	242.78	6.84223041	3.838376771		153.54	174.174	7.05	-0.06	-25.43	247.72	6.705783546	5.00467971
45.58	118.026	7.12	0.01	-29.02	244.13	6.80439397	4.533138465		153.58	174.197	6.98	-0.07	-25.15	248	6.6982125	4.120238664
45.62	118.045	7.11	-0.01	-29.83	243.32	6.82704545	4.060466709		153.62	174.22	6.88	-0.1	-26.75	246.4	6.741707386	2.030474003
45.66	118.064	7.07	-0.04	-30.89	242.26	6.85691695	3.060017548		153.66	174.243	6.85	-0.03	-30.47	242.68	6.84504986	0.072290939
45.7	118.083	7.02	-0.05	-32.61	240.54	6.90594787	1.637980176		153.7	174.265	6.85	0	-41.71	231.44	7.177483149	4.669164746
45.74	118.102	7.01	-0.01	-46.61	226.54	7.3327302	4.500261772		153.74	174.288	6.85	0	-55.79	217.36	7.642421329	10.93566507
45.78	118.122	7.02	0.01	-58.23	214.92	7.72918621	9.616614758		153.78	174.311	6.94	0.09	-63.22	209.93	7.912907636	13.10056805
45.82	118.141	7.06	0.04	-64.56	208.59	7.96374083	12.03083628		153.82	174.334	7.11	0.17	-65.24	207.91	7.989787408	11.65297741
45.86	118.16	7.11	0.05	-67.89	205.26	8.0929392	12.93091009		153.86	174.357	7.05	-0.06	-69.53	203.62	8.158121501	14.5727597
45.9	118.179	7.15	0.04	-70.5	202.65	8.19717098	13.64643667		153.9	174.379	7.02	-0.03	-73	200.15	8.299558831	16.70490443
45.94	118.198	7.17	0.02	-71.49	201.66	8.23741297	13.85583646		153.94	174.402	7.05	0.03	-74.15	199	8.347521106	16.85363633
45.98	118.217	7.19	0.02	-76.18	196.97	8.43355181	15.9189386		153.98	174.425	7.09	0.04	-77.73	195.42	8.50044366	18.09369497

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
46.02	118.236	7.16	-0.03	-78.55	194.6	8.53626259	17.53618203		154.02	174.448	7.02	-0.07	-79.78	193.37	8.590560583	20.12177045
46.06	118.256	7.14	-0.02	-81.44	191.71	8.66494549	19.29706738		154.06	174.471	7.02	0	-80.95	192.2	8.642854839	20.72233773
46.1	118.275	7.12	-0.02	-82.58	190.57	8.71677966	20.16545908		154.1	174.493	6.97	-0.05	-82.94	190.21	8.73327743	22.4574448
46.14	118.294	7.11	-0.01	-84.01	189.14	8.7826832	21.04972681		154.14	174.516	6.94	-0.03	-84.24	188.91	8.793376211	23.55980288
46.18	118.313	7.11	0	-85.56	187.59	8.85525188	21.86312991		154.18	174.539	6.94	0	-85.4	187.75	8.847705459	24.16697555
46.22	118.332	7.14	0.03	-85.27	187.88	8.84158346	21.29430368		154.22	174.562	7.02	0.08	-85.86	187.29	8.869436169	23.27881429
46.26	118.351	7.17	0.03	-80.79	192.36	8.63566594	18.54608271		154.26	174.584	7.07	0.05	-80.68	192.47	8.630730503	19.8809922
46.3	118.371	7.19	0.02	-61.81	211.34	7.86011498	8.905114432		154.3	174.607	7.19	0.12	-71.09	202.06	8.221106107	13.38133811
46.34	118.39	7.19	0	-51.34	221.81	7.48909743	4.075147362		154.34	174.63	7.25	0.06	-59.2	213.95	7.764228558	6.849883177
46.38	118.409	7.16	-0.03	-48.51	224.64	7.39475027	3.225754654		154.38	174.653	7.15	-0.1	-48.73	224.42	7.401999376	3.463433026
46.42	118.428	7.13	-0.03	-42.06	231.09	7.18835389	0.815092134		154.42	174.676	7.05	-0.1	-39.69	233.46	7.115380365	0.923100732
46.46	118.447	7.11	-0.02	-36.07	237.08	7.00673486	1.463017385		154.46	174.699	7.02	-0.03	-33.95	239.2	6.944635033	1.07936894
46.5	118.466	7.11	0	-34.33	238.82	6.95568503	2.19420476		154.5	174.721	7.11	0.09	-29.98	243.17	6.831256734	3.99882552
46.54	118.485	7.11	0	-29.43	243.72	6.81584072	4.224653823		154.54	174.744	7.05	-0.06	-26.63	246.52	6.738425686	4.519360246
46.58	118.505	7.08	-0.03	-30.03	243.12	6.83266165	3.555586381		154.58	174.767	6.98	-0.07	-25.24	247.91	6.700644185	4.083957025
46.62	118.524	7.04	-0.04	-30.15	243	6.8360358	2.939805005		154.62	174.79	6.94	-0.04	-26.79	246.36	6.742801997	2.882421349
46.66	118.543	7.03	-0.01	-31.18	241.97	6.86513493	2.37298978		154.66	174.813	6.85	-0.09	-31.03	242.12	6.860881794	0.158732229
46.7	118.562	7.02	-0.01	-34.48	238.67	6.96005656	0.857556424		154.7	174.835	6.85	0	-41.76	231.39	7.179034098	4.690759121
46.74	118.581	7.02	0	-44.96	228.19	7.27970858	3.632361804		154.74	174.858	6.85	0	-56.12	217.03	7.654041838	11.08714173
46.78	118.601	7.02	0	-57.22	215.93	7.69303339	9.148805316		154.78	174.881	6.96	0.11	-63.65	209.5	7.929148926	13.01819104
46.82	118.62	7.06	0.04	-63.81	209.34	7.93520923	11.67318462		154.82	174.904	7.11	0.15	-66.51	206.64	8.038892276	12.26350098
46.86	118.639	7.11	0.05	-67.68	205.47	8.08466783	12.82907722		154.86	174.927	7.07	-0.04	-70.6	202.55	8.201217971	14.81503274
46.9	118.658	7.15	0.04	-70.51	202.64	8.1975755	13.65134842		154.9	174.95	7.02	-0.05	-72.52	200.63	8.279702437	16.46701879
46.94	118.677	7.17	0.02	-73.61	199.54	8.32493084	14.90720872		154.94	174.972	7.11	0.09	-74.56	198.59	8.364755023	16.21679983
46.98	118.696	7.19	0.02	-74.87	198.28	8.37783286	15.26009269		154.98	174.995	7.11	0	-77.93	195.22	8.509152239	17.91585378

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
47.02	118.716	7.14	-0.05	-79.54	193.61	8.57991168	18.31958993		155.02	175.018	7.05	-0.06	-76.67	196.48	8.454584182	18.1183083
47.06	118.735	7.11	-0.03	-81.37	191.78	8.66178277	19.67796278		155.06	175.041	7.02	-0.03	-79.2	193.95	8.564870843	19.82526334
47.1	118.754	7.11	0	-83.2	189.95	8.74523138	20.62702635		155.1	175.064	7.02	0	-82.89	190.26	8.73098234	21.72540484
47.14	118.773	7.11	0	-84.12	189.03	8.787794	21.10725552		155.14	175.087	7.02	0	-83.95	189.2	8.779897992	22.27733359
47.18	118.792	7.11	0	-85.57	187.58	8.85572396	21.8683971		155.18	175.109	7.02	0	-84.87	188.28	8.822799554	22.75859829
47.22	118.811	7.13	0.02	-85.59	187.56	8.85666827	21.60135229		155.22	175.132	7.02	0	-86.37	186.78	8.893654031	23.54775374
47.26	118.831	7.17	0.04	-82.05	191.1	8.6926044	19.19740741		155.26	175.155	7.07	0.05	-81.96	191.19	8.688512475	20.54143723
47.3	118.85	7.19	0.02	-60.53	212.62	7.81279607	8.30239997		155.3	175.178	7.19	0.12	-69.66	203.49	8.163333333	12.6791142
47.34	118.869	7.19	0	-55.24	217.91	7.62313203	5.847946622		155.34	175.201	7.25	0.06	-60.78	212.37	7.821993219	7.590146984
47.38	118.888	7.16	-0.03	-45.31	227.84	7.29089142	1.81153413		155.38	175.224	7.15	-0.1	-49.58	223.57	7.430141343	3.84277952
47.42	118.907	7.13	-0.03	-41.74	231.41	7.17841364	0.676715663		155.42	175.247	7.05	-0.1	-40.05	233.1	7.126369369	1.077417883
47.46	118.927	7.11	-0.02	-37.18	235.97	7.03969445	0.993739442		155.46	175.27	7.07	0.02	-33.12	240.03	6.920621172	2.135413801
47.5	118.946	7.11	0	-33.56	239.59	6.93333069	2.516059957		155.5	175.292	7.11	0.04	-29.71	243.44	6.823680168	4.109751752
47.54	118.965	7.11	0	-31.36	241.79	6.87024567	3.429901562		155.54	175.315	7.08	-0.03	-26.27	246.88	6.728599725	5.089585946
47.58	118.984	7.07	-0.04	-28.25	244.9	6.783	4.143506822		155.58	175.338	7	-0.08	-25.22	247.93	6.700103658	4.378015659
47.62	119.004	7.02	-0.05	-30.23	242.92	6.83828709	2.622444006		155.62	175.361	6.94	-0.06	-26.28	246.87	6.728872281	3.089175386
47.66	119.023	7.02	0	-31.96	241.19	6.88733654	1.907819804		155.66	175.384	6.94	0	-30.53	242.62	6.846742643	1.35285556
47.7	119.042	7.02	0	-34.38	238.77	6.9571416	0.899445696		155.7	175.407	6.94	0	-41.12	232.03	7.159232427	3.109849107
47.74	119.061	7.02	0	-46.6	226.55	7.33240653	4.353367946		155.74	175.43	6.85	-0.09	-56.51	216.64	7.667820809	11.26644032
47.78	119.08	7.02	0	-58.6	214.55	7.7425155	9.78851467		155.78	175.452	6.98	0.13	-63.12	210.03	7.909140123	12.48077613
47.82	119.099	7.06	0.04	-64.86	208.29	7.975211	12.17423558		155.82	175.475	7.11	0.13	-65	208.15	7.980575066	11.53799722
47.86	119.119	7.11	0.05	-68.22	204.93	8.10597131	13.0911302		155.86	175.498	7.07	-0.04	-70.28	202.87	8.188281658	14.65802878
47.9	119.138	7.15	0.04	-70.67	202.48	8.20405324	13.72996724		155.9	175.521	7.02	-0.05	-73.22	199.93	8.308691542	16.81411017
47.94	119.157	7.17	0.02	-73.36	199.79	8.31451374	14.7826888		155.94	175.544	7.11	0.09	-75.11	198.04	8.38798576	16.49228203
47.98	119.176	7.19	0.02	-77.27	195.88	8.48048142	16.47022045		155.98	175.567	7.11	0	-76.59	196.56	8.451143162	17.23707762

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
48.02	119.195	7.14	-0.05	-80.01	193.14	8.60079062	18.56057492		156.02	175.59	7.07	-0.04	-76.64	196.51	8.453293471	17.82216478
48.06	119.215	7.11	-0.03	-82.41	190.74	8.7090107	20.21631727		156.06	175.613	7.04	-0.03	-79.25	193.9	8.567079422	19.56906069
48.1	119.234	7.1	-0.01	-83.59	189.56	8.76322378	20.9695558		156.1	175.635	7.03	-0.01	-82.71	190.44	8.722729994	21.4912589
48.14	119.253	7.11	0.01	-84.87	188.28	8.82279955	21.50029627		156.14	175.658	7.02	-0.01	-84.06	189.09	8.785005553	22.33476663
48.18	119.272	7.11	0	-84.85	188.3	8.82186245	21.48979705		156.18	175.681	7.02	0	-85.02	188.13	8.829834157	22.83726302
48.22	119.291	7.13	0.02	-85.03	188.12	8.83030353	21.30665656		156.22	175.704	7.02	0	-85.98	187.17	8.875122616	23.34203593
48.26	119.311	7.17	0.04	-82.65	190.5	8.71998268	19.50892847		156.26	175.727	7.07	0.05	-81.7	191.45	8.67671298	20.40696343
48.3	119.33	7.19	0.02	-61.48	211.67	7.84786082	8.749393666		156.3	175.75	7.2	0.13	-69.95	203.2	8.17498376	12.68272897
48.34	119.349	7.2	0.01	-49.5	223.65	7.42748357	3.110358211		156.34	175.773	7.26	0.06	-60.44	212.71	7.809490386	7.292753396
48.38	119.368	7.19	-0.01	-46.25	226.9	7.32109608	1.806839082		156.38	175.796	7.16	-0.1	-49.58	223.57	7.430141343	3.703066837
48.42	119.388	7.15	-0.04	-41.96	231.19	7.1852446	0.491719604		156.42	175.819	7.07	-0.09	-39.74	233.41	7.116904588	0.661237808
48.46	119.407	7.11	-0.04	-36.11	237.04	7.00791723	1.446144912		156.46	175.841	7.08	0.01	-33.29	239.86	6.92552614	2.205898703
48.5	119.426	7.06	-0.05	-34.44	238.71	6.95889029	1.442478151		156.5	175.864	7.11	0.03	-29.82	243.33	6.826764887	4.064574743
48.54	119.445	7.03	-0.03	-30.14	243.01	6.8357545	2.801802157		156.54	175.887	7.09	-0.02	-26.43	246.72	6.732963278	5.165849241
48.58	119.464	7.03	0	-30.18	242.97	6.83687986	2.785343786		156.58	175.91	7.01	-0.08	-25.31	247.84	6.702536717	4.484411442
48.62	119.484	7.02	-0.01	-28.61	244.54	6.79298561	3.286970693		156.62	175.933	6.94	-0.07	-26.42	246.73	6.73269039	3.032462577
48.66	119.503	6.98	-0.04	-31.56	241.59	6.87593319	1.502126287		156.66	175.956	6.94	0	-31	242.15	6.860031798	1.158956772
48.7	119.522	6.94	-0.04	-34.7	238.45	6.96647809	0.380802206		156.7	175.979	6.93	-0.01	-43.01	230.14	7.218026853	4.071618696
48.74	119.541	6.97	0.03	-47.35	225.8	7.35676129	5.399144793		156.74	176.002	6.85	-0.08	-56.58	216.57	7.67029921	11.29865437
48.78	119.56	7.02	0.05	-56.78	216.37	7.67738919	8.945659474		156.78	176.025	6.98	0.13	-63.33	209.82	7.917056048	12.58041918
48.82	119.58	7.07	0.05	-65.96	207.19	8.01755249	12.56071836		156.82	176.048	7.11	0.13	-65.52	207.63	8.000562058	11.78727905
48.86	119.599	7.11	0.04	-68.05	205.1	8.09925256	13.00856246		156.86	176.071	7.07	-0.04	-70.46	202.69	8.195553308	14.74631525
48.9	119.618	7.14	0.03	-72.28	200.87	8.26980983	14.66351421		156.9	176.093	7.04	-0.03	-72.97	200.18	8.298315016	16.4074739
48.94	119.637	7.17	0.03	-74.68	198.47	8.36981257	15.44178942		156.94	176.116	7.11	0.07	-75.28	197.87	8.395192298	16.57757315
48.98	119.657	7.19	0.02	-75.76	197.39	8.41560717	15.70726675		156.98	176.139	7.12	0.01	-76.69	196.46	8.455444874	17.14808001

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
49.02	119.676	7.14	-0.05	-78.18	194.97	8.52006309	17.62525577		157.02	176.162	7.09	-0.03	-76.58	196.57	8.450713232	17.51159309
49.06	119.695	7.11	-0.03	-81.79	191.36	8.68079379	19.895058		157.06	176.185	7.06	-0.03	-79.35	193.8	8.5715	19.33915491
49.1	119.714	7.1	-0.01	-83.05	190.1	8.73833088	20.68817593		157.1	176.208	7.04	-0.02	-82.36	190.79	8.70672834	21.16920168
49.14	119.733	7.11	0.01	-84.4	188.75	8.8008302	21.25382746		157.14	176.231	7.02	-0.02	-84.28	188.87	8.795238524	22.44972178
49.18	119.753	7.11	0	-85.45	187.7	8.85006233	21.80520724		157.18	176.254	7.01	-0.01	-85.32	187.83	8.843937071	23.13541504
49.22	119.772	7.11	0	-84.65	188.5	8.81250239	21.38485956		157.22	176.277	7.02	0.01	-85.2	187.95	8.838290503	22.93173407
49.26	119.791	7.1	-0.01	-81.88	191.27	8.68487844	20.08097116		157.26	176.3	7.09	0.07	-81.17	191.98	8.652759142	19.853688
49.3	119.81	7.1	0	-71.62	201.53	8.24272664	14.89600471		157.3	176.323	7.22	0.13	-70.53	202.62	8.198384661	12.69114349
49.34	119.83	7.1	0	-57.59	215.56	7.70623817	8.188956079		157.34	176.346	7.27	0.05	-59.76	213.39	7.784604246	6.836503137
49.38	119.849	7.11	0.01	-46.39	226.76	7.32561607	2.987279085		157.38	176.368	7.17	-0.1	-49.59	223.56	7.430473698	3.568017089
49.42	119.868	7.12	0.01	-41.66	231.49	7.17593287	0.782500452		157.42	176.391	7.09	-0.08	-39.11	234.04	7.097746966	0.109206435
49.46	119.887	7.11	-0.01	-37.5	235.65	7.04925398	0.858039862		157.46	176.414	7.1	0.01	-33.65	239.5	6.935936117	2.33776902
49.5	119.907	7.06	-0.05	-33.72	239.43	6.93796391	1.743626237		157.5	176.437	7.11	0.01	-30.03	243.12	6.832661649	3.978269837
49.54	119.926	7.02	-0.04	-30.45	242.7	6.84448578	2.531853223		157.54	176.46	7.1	-0.01	-26.74	246.41	6.741433789	5.181055897
49.58	119.945	7.03	0.01	-29.62	243.53	6.82115838	3.015511273		157.58	176.483	7.02	-0.08	-25.47	247.68	6.706866521	4.562344628
49.62	119.964	7.02	-0.01	-28.77	244.38	6.7974331	3.22153764		157.62	176.506	6.94	-0.08	-26.72	246.43	6.740886662	2.910825057
49.66	119.984	6.98	-0.04	-31.48	241.67	6.87365705	1.53523285		157.66	176.529	6.94	0	-31.94	241.21	6.886765474	0.770021391
49.7	120.003	6.94	-0.04	-34.01	239.14	6.94637744	0.091851685		157.7	176.552	6.91	-0.03	-46.79	226.36	7.338561142	6.015500615
49.74	120.022	6.96	0.02	-46.98	226.17	7.34472609	5.37900675		157.74	176.575	6.85	-0.06	-56.72	216.43	7.675260823	11.36311194
49.78	120.041	7.02	0.06	-58.25	214.9	7.72990554	9.625899443		157.78	176.598	6.98	0.13	-63.75	209.4	7.93293553	12.77998591
49.82	120.061	7.07	0.05	-64.55	208.6	7.96335906	11.88502259		157.82	176.621	7.11	0.13	-66.54	206.61	8.040059532	12.27796538
49.86	120.08	7.11	0.04	-68.1	205.05	8.10122751	13.03284045		157.86	176.644	7.07	-0.04	-70.84	202.31	8.210947061	14.93293651
49.9	120.099	7.12	0.01	-71.96	201.19	8.25665639	14.78418149		157.9	176.667	7.07	0	-72.49	200.66	8.278464567	15.74704182
49.94	120.118	7.12	0	-74.38	198.77	8.35718016	15.98715199		157.94	176.69	7.11	0.04	-75.61	197.54	8.409216867	16.74333027
49.98	120.138	7.11	-0.01	-75.92	197.23	8.42243421	16.89927278		157.98	176.713	7.14	0.03	-76.91	196.24	8.464924073	16.98084613

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
50.02	120.157	7.11	0	-78.88	194.27	8.55076286	18.39965101		158.02	176.736	7.11	-0.03	-76.54	196.61	8.448993947	17.21183197
50.06	120.176	7.11	0	-81.1	192.05	8.64960531	19.53862779		158.06	176.759	7.08	-0.03	-79.4	193.75	8.573712	19.08444464
50.1	120.195	7.11	0	-82.28	190.87	8.70307906	20.1488787		158.1	176.781	7.05	-0.03	-82.18	190.97	8.698521757	20.93557456
50.14	120.214	7.11	0	-84.32	188.83	8.79710163	21.21192994		158.14	176.805	7.02	-0.03	-84.4	188.75	8.800830199	22.51247471
50.18	120.234	7.11	0	-86.03	187.12	8.87749412	22.11095883		158.18	176.827	7.01	-0.01	-85.47	187.68	8.851005435	23.2142337
50.22	120.253	7.11	0	-84.8	188.35	8.81952057	21.46355335		158.22	176.85	7.02	0.01	-84.81	188.34	8.81998885	22.72714794
50.26	120.272	7.1	-0.01	-82.05	191.1	8.6926044	20.16898994		158.26	176.873	7.1	0.08	-80.91	192.24	8.641056492	19.58008972
50.3	120.292	7.1	0	-71.19	201.96	8.22517677	14.68402988		158.3	176.896	7.22	0.12	-70.82	202.33	8.210135422	12.83378785
50.34	120.311	7.1	0	-56.45	216.7	7.66569774	7.66232316		158.34	176.919	7.28	0.06	-59.42	213.73	7.772220559	6.54017202
50.38	120.33	7.11	0.01	-45.1	228.05	7.28417759	2.420111764		158.38	176.942	7.17	-0.11	-49.59	223.56	7.430473698	3.568017089
50.42	120.349	7.12	0.01	-41.09	232.06	7.1583069	0.53657487		158.42	176.965	7.11	-0.06	-38.8	234.35	7.088358012	0.30485199
50.46	120.369	7.11	-0.01	-37.53	235.62	7.05015152	0.845308538		158.46	176.988	7.11	0	-33.83	239.32	6.94115285	2.403320953
50.5	120.388	7.06	-0.05	-32.59	240.56	6.90537371	2.21442393		158.5	177.011	7.11	0	-30.13	243.02	6.835473212	3.937145535
50.54	120.407	7.02	-0.04	-29.73	243.42	6.82424082	2.828023353		158.54	177.034	7.11	0	-26.9	246.25	6.74581401	5.256796744
50.58	120.426	7.03	0.01	-30.31	242.84	6.84053986	2.731835102		158.58	177.057	7.02	-0.09	-25.55	247.6	6.709033522	4.530056361
50.62	120.446	7.02	-0.01	-29.12	244.03	6.80718231	3.078250963		158.62	177.08	6.94	-0.08	-26.86	246.29	6.744718421	2.854009452
50.66	120.465	6.98	-0.04	-29.7	243.45	6.82339988	2.269007993		158.66	177.103	6.94	0	-32.41	240.74	6.900210601	0.574982571
50.7	120.484	6.94	-0.04	-35.07	238.08	6.97730469	0.536090692		158.7	177.126	6.9	-0.04	-48.68	224.47	7.400350604	6.997738972
50.74	120.503	6.97	0.03	-46.15	227	7.31787093	4.869457835		158.74	177.149	6.85	-0.05	-56.79	216.36	7.677744038	11.39535547
50.78	120.523	7.02	0.05	-57.99	215.16	7.7205647	9.505262661		158.78	177.172	6.98	0.13	-63.95	209.2	7.940519598	12.87514945
50.82	120.542	7.07	0.05	-64.22	208.93	7.95078112	11.72750093		158.82	177.195	7.11	0.13	-67.05	206.1	8.059954876	12.52416219
50.86	120.561	7.11	0.04	-67.8	205.35	8.08939226	12.8872555		158.86	177.218	7.07	-0.04	-71.03	202.12	8.218665644	15.02636883
50.9	120.581	7.14	0.03	-71.62	201.53	8.24272664	14.33720649		158.9	177.241	7.08	0.01	-72.24	200.91	8.268163357	15.48280832
50.94	120.6	7.17	0.03	-73.1	200.05	8.30370757	14.65334107		158.94	177.264	7.11	0.03	-75.78	197.37	8.416459948	16.82881935
50.98	120.619	7.19	0.02	-75.81	197.34	8.41773943	15.73244402		158.98	177.287	7.15	0.04	-77.01	196.14	8.469239829	16.89249724

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
51.02	120.638	7.15	-0.04	-79.01	194.14	8.55648862	17.9096506		159.02	177.31	7.11	-0.04	-78.22	194.93	8.521811419	18.06331181
51.06	120.658	7.11	-0.04	-81.27	191.88	8.65726861	19.62633661		159.06	177.333	7.02	-0.09	-81.58	191.57	8.671277862	21.04707948
51.1	120.677	7.1	-0.01	-82.64	190.51	8.71952496	20.4750138		159.1	177.356	7.02	0	-82.53	190.62	8.714493233	21.53858034
51.14	120.696	7.1	0	-83.55	189.6	8.761375	20.94868824		159.14	177.379	7.02	0	-84.75	188.4	8.817179936	22.69570648
51.18	120.715	7.11	0.01	-85.11	188.04	8.83406031	21.62636459		159.18	177.402	7.02	0	-86.43	186.72	8.896511889	23.57943628
51.22	120.735	7.11	0	-85.05	188.1	8.83124242	21.59483406		159.22	177.425	7.02	0	-86.73	186.42	8.910828774	23.73798376
51.26	120.754	7.11	0	-80.66	192.49	8.62983376	19.31194168		159.26	177.448	7.07	0.05	-82.59	190.56	8.717237091	20.86795911
51.3	120.773	7.11	0	-68.38	204.77	8.11230503	13.1688995		159.3	177.471	7.22	0.15	-70.86	202.29	8.211758861	12.85347795
51.34	120.793	7.11	0	-53.77	219.38	7.57205169	6.294102498		159.34	177.494	7.28	0.06	-60.5	212.65	7.811693863	7.046178752
51.38	120.812	7.11	0	-44.93	228.22	7.27875164	2.345605058		159.38	177.517	7.22	-0.06	-49.77	223.38	7.436461187	2.953798798
51.42	120.831	7.12	0.01	-43.8	229.35	7.24288947	1.711208187		159.42	177.54	7.11	-0.11	-40.67	232.48	7.145374656	0.49629921
51.46	120.851	7.11	-0.01	-36.75	236.4	7.02688959	1.175794796		159.46	177.563	7.11	0	-33.11	240.04	6.920332861	2.703672688
51.5	120.87	7.06	-0.05	-33.84	239.31	6.9414429	1.693498342		159.5	177.586	7.14	0.03	-29.57	243.58	6.81975819	4.588071015
51.54	120.889	7.02	-0.04	-31.79	241.36	6.8824855	1.978272175		159.54	177.609	7.11	-0.03	-28.01	245.14	6.776359223	4.805302403
51.58	120.908	7.03	0.01	-29.47	243.68	6.81695954	3.07707208		159.58	177.632	7.1	-0.01	-25.35	247.8	6.703618644	5.74315136
51.62	120.928	7.02	-0.01	-30.15	243	6.8360358	2.655365505		159.62	177.655	6.94	-0.16	-33.15	240	6.92148625	0.267125035
51.66	120.947	6.98	-0.04	-30.42	242.73	6.84363985	1.972854541		159.66	177.678	6.94	0	-32.33	240.82	6.897918362	0.608207631
51.7	120.966	6.94	-0.04	-33.8	239.35	6.94028285	0.004075556		159.7	177.701	6.94	0	-36.43	236.72	7.017390588	1.108954966
51.74	120.985	6.96	0.02	-46.61	226.54	7.3327302	5.215661345		159.74	177.724	7	0.06	-59.81	213.34	7.786428705	10.637169
51.78	121.005	7.01	0.05	-57.69	215.46	7.70981481	9.508473084		159.78	177.747	7.11	0.11	-72.96	200.19	8.297900495	15.41936872
51.82	121.024	7.07	0.06	-64.32	208.83	7.95458842	11.77521003		159.82	177.77	7.19	0.08	-73.74	199.41	8.330358056	14.69499675
51.86	121.043	7.11	0.04	-66.17	206.98	8.02568702	12.09970874		159.86	177.793	7.23	0.04	-70.33	202.82	8.190300266	12.45501384
51.9	121.063	7.11	0	-71.31	201.84	8.23006688	14.60315516		159.9	177.817	7.23	0	-69.32	203.83	8.14971643	11.96012208
51.94	121.082	7.11	0	-73.68	199.47	8.32785231	15.77748361		159.94	177.84	7.2	-0.03	-70.95	202.2	8.215413947	13.17400817
51.98	121.101	7.11	0	-77	196.15	8.46880806	17.44431346		159.98	177.863	7.15	-0.05	-73.92	199.23	8.337884355	15.33953027

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
52.02	121.121	7.12	0.01	-79.94	193.21	8.59767455	18.80271215		160.02	177.886	7.11	-0.04	-78.06	195.09	8.51482239	17.98193099
52.06	121.14	7.11	-0.01	-81.09	192.06	8.64915495	19.53347062		160.06	177.909	7.07	-0.04	-81.34	191.81	8.660428028	20.22103944
52.1	121.159	7.06	-0.05	-83.15	190	8.74293	21.29896165		160.1	177.932	7.02	-0.05	-81.77	191.38	8.679886613	21.14520511
52.14	121.179	7.02	-0.04	-83.3	189.85	8.74983777	21.93856135		160.14	177.955	6.99	-0.03	-84.43	188.72	8.802229228	22.95089822
52.18	121.198	7.02	0	-84.27	188.88	8.79477287	22.44449397		160.18	177.978	6.99	0	-87.49	185.66	8.947305289	24.56256254
52.22	121.217	7.04	0.02	-84.61	188.54	8.81063276	22.34147727		160.22	178.001	7.02	0.03	-88.15	185	8.979225405	24.49150325
52.26	121.236	7.05	0.01	-82.07	191.08	8.69351423	20.87861973		160.26	178.024	7.1	0.08	-82.51	190.64	8.713578997	20.40751176
52.3	121.256	7.07	0.02	-70.75	202.4	8.20729595	14.88870743		160.3	178.047	7.24	0.14	-69.58	203.57	8.160125264	11.94958156
52.34	121.275	7.09	0.02	-55.43	217.72	7.62978459	7.334137026		160.34	178.07	7.28	0.04	-60.68	212.47	7.818311762	7.130754354
52.38	121.294	7.11	0.02	-44.02	229.13	7.24984376	1.947705827		160.38	178.093	7.22	-0.06	-47.68	225.47	7.367528718	2.022669098
52.42	121.314	7.12	0.01	-40.09	233.06	7.12759247	0.106578925		160.42	178.116	7.11	-0.11	-37.15	236	7.038799576	1.006451796
52.46	121.333	7.11	-0.01	-35.11	238.04	6.97847715	1.867098224		160.46	178.139	7.11	0	-32.48	240.67	6.902217559	2.965732438
52.5	121.352	7.06	-0.05	-33.49	239.66	6.9313056	1.8396339		160.5	178.162	7.14	0.03	-29.31	243.84	6.812486467	4.694697741
52.54	121.372	7.02	-0.04	-31.46	241.69	6.87308825	2.114889703		160.54	178.185	7.11	-0.03	-26.36	246.79	6.731053527	5.475688277
52.58	121.391	7.02	0	-29.62	243.53	6.82115838	2.873193351		160.58	178.208	7.07	-0.04	-24.38	248.77	6.677480002	5.71042836
52.62	121.41	7.02	0	-30.63	242.52	6.84956581	2.457671615		160.62	178.231	6.95	-0.12	-29.79	243.36	6.825923323	1.801355504
52.66	121.43	6.99	-0.03	-31.47	241.68	6.87337264	1.682525046		160.66	178.254	6.94	-0.01	-31.56	241.59	6.875933193	0.927433659
52.7	121.449	6.94	-0.05	-33.88	239.27	6.94260334	0.037504999		160.7	178.278	6.94	0	-39.29	233.86	7.10321004	2.324397908
52.74	121.468	6.91	-0.03	-46.75	226.4	7.33726458	5.997847147		160.74	178.301	6.97	0.03	-58.34	214.81	7.733144174	10.38069361
52.78	121.487	6.94	0.03	-58.36	214.79	7.73386424	10.82011155		160.78	178.324	7.07	0.1	-68.09	205.06	8.100832439	13.58966218
52.82	121.507	7.02	0.08	-63.78	209.37	7.93407222	12.22506089		160.82	178.347	7.15	0.08	-69.55	203.6	8.158922888	13.18084748
52.86	121.526	7.11	0.09	-68.51	204.64	8.11745846	13.23212887		160.86	178.37	7.17	0.02	-69.98	203.17	8.176190875	13.11323289
52.9	121.545	7.15	0.04	-72.77	200.38	8.29003244	14.76722854		160.9	178.393	7.15	-0.02	-70.83	202.32	8.210541222	13.80864393
52.94	121.565	7.14	-0.01	-74.52	198.63	8.36307053	15.77842958		160.94	178.416	7.15	0	-72.99	200.16	8.299144185	14.87647692
52.98	121.584	7.11	-0.03	-76.39	196.76	8.44255286	17.13613024		160.98	178.439	7.15	0	-75	198.15	8.383329296	15.87978047

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
53.02	121.603	7.12	0.01	-79.64	193.51	8.58434551	18.64892123		161.02	178.462	7.11	-0.04	-77.9	195.25	8.507844814	17.90061088
53.06	121.623	7.1	-0.02	-82.04	191.11	8.69214955	20.16381041		161.06	178.485	7.11	0	-81.09	192.06	8.649154952	19.53347062
53.1	121.642	7.06	-0.04	-82.91	190.24	8.73190023	21.17414886		161.1	178.508	7.02	-0.09	-81	192.15	8.645103825	20.74807602
53.14	121.661	7.02	-0.04	-84.52	188.63	8.80642899	22.57526305		161.14	178.531	6.96	-0.06	-84.11	189.04	8.787329137	23.20811511
53.18	121.681	7.02	0	-85.37	187.78	8.84629194	23.0210303		161.18	178.554	6.96	0	-88.54	184.61	8.998194572	25.54417498
53.22	121.7	7.05	0.03	-84.52	188.63	8.80642899	22.15415576		161.22	178.578	7.02	0.06	-89.57	183.58	9.048680139	25.2501154
53.26	121.719	7.08	0.03	-81.71	191.44	8.67716621	20.2722519		161.26	178.601	7.13	0.11	-82.43	190.72	8.709923972	19.94863075
53.3	121.739	7.11	0.03	-64.74	208.41	7.97061897	11.41357624		161.3	178.624	7.26	0.13	-68.3	204.85	8.109136929	11.04989738
53.34	121.758	7.12	0.01	-50.73	222.42	7.46855813	4.77851382		161.34	178.647	7.28	0.02	-60.87	212.28	7.825309497	7.220103593
53.38	121.777	7.11	-0.01	-43.06	230.09	7.21959538	1.529636711		161.38	178.67	7.22	-0.06	-45.58	227.57	7.299541679	1.095650004
53.42	121.797	7.07	-0.04	-38.87	234.28	7.09047593	0.289198278		161.42	178.693	7.11	-0.11	-33.64	239.51	6.935646528	2.482669222
53.46	121.816	7.02	-0.05	-35.39	237.76	6.98669541	0.475552468		161.46	178.716	7.11	0	-31.86	241.29	6.884482158	3.222953719
53.5	121.835	7.01	-0.01	-32.79	240.36	6.91111957	1.420581568		161.5	178.739	7.14	0.03	-29.06	244.09	6.805509034	4.797113761
53.54	121.855	7.02	0.01	-30.85	242.3	6.85578498	2.366929481		161.54	178.762	7.11	-0.03	-24.71	248.44	6.686349622	6.141485103
53.58	121.874	7.03	0.01	-29.05	244.1	6.80523023	3.249237818		161.58	178.785	7.05	-0.06	-23.4	249.75	6.651278078	5.820215014
53.62	121.893	7.02	-0.01	-28.44	244.71	6.78826652	3.35644565		161.62	178.809	6.97	-0.08	-26.44	246.71	6.733236188	3.455589738
53.66	121.913	6.98	-0.04	-30.97	242.18	6.85918201	1.746027858		161.66	178.832	6.94	-0.03	-30.78	242.37	6.853804926	1.249765008
53.7	121.932	6.94	-0.04	-33.37	239.78	6.92783677	0.175416443		161.7	178.855	6.94	0	-42.16	230.99	7.191465864	3.558949464
53.74	121.951	6.92	-0.02	-45.32	227.83	7.29121143	5.224205289		161.74	178.878	6.94	0	-56.87	216.28	7.680583965	10.13070295
53.78	121.971	6.94	0.02	-58.45	214.7	7.73710619	10.86189858		161.78	178.901	7.02	0.08	-63.22	209.93	7.912907636	11.95892532
53.82	121.99	6.98	0.04	-65.15	208	7.98633029	13.44792303		161.82	178.924	7.11	0.09	-65.35	207.8	7.994016843	11.70571845
53.86	122.009	7.02	0.04	-68.78	204.37	8.12818271	14.63122975		161.86	178.947	7.11	0	-69.64	203.51	8.16253108	13.78332215
53.9	122.029	7.06	0.04	-73.27	199.88	8.31076996	16.27465592		161.9	178.97	7.08	-0.03	-72.35	200.8	8.272692729	15.53724484
53.94	122.048	7.09	0.03	-73.7	199.45	8.32868739	16.06735203		161.94	178.993	7.11	0.03	-75.02	198.13	8.384175541	16.4471551
53.98	122.067	7.11	0.02	-75.22	197.93	8.3926474	16.54746273		161.98	179.017	7.15	0.04	-76.08	197.07	8.42927234	16.42274828

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
54.02	122.087	7.12	0.01	-78.96	194.19	8.55428549	18.30112759		162.02	179.04	7.11	-0.04	-75.66	197.49	8.411345891	16.76846712
54.06	122.106	7.11	-0.01	-81.89	191.26	8.68533253	19.9468106		162.06	179.063	7.02	-0.09	-78.44	194.71	8.53144009	19.43794377
54.1	122.126	7.06	-0.05	-83.46	189.69	8.75721809	21.46038681		162.1	179.086	7.02	0	-83.21	189.94	8.745691797	21.8917358
54.14	122.145	7.02	-0.04	-84.66	188.49	8.81296992	22.64856092		162.14	179.109	7.05	0.03	-81.86	191.29	8.683970411	20.76996929
54.18	122.164	7.02	0	-86.28	186.87	8.88937069	23.50024677		162.18	179.132	7.11	0.06	-85.93	187.22	8.872752377	22.05818291
54.22	122.184	7.05	0.03	-85.15	188	8.83593989	22.48453545		162.22	179.155	7.11	0	-86.44	186.71	8.896988378	22.32760261
54.26	122.203	7.08	0.03	-82.42	190.73	8.70946731	20.63992759		162.26	179.178	7.15	0.04	-82	191.15	8.69033063	19.44821313
54.3	122.222	7.11	0.03	-71.08	202.07	8.22069926	14.48987086		162.3	179.201	7.28	0.13	-71.27	201.88	8.2284362	12.23122935
54.34	122.242	7.12	0.01	-54.49	218.66	7.59698482	6.482099731		162.34	179.225	7.36	0.08	-58.64	214.51	7.743959256	5.084219965
54.38	122.261	7.11	-0.01	-42.8	230.35	7.21144649	1.416707377		162.38	179.248	7.26	-0.1	-49.98	223.17	7.443458798	2.49545091
54.42	122.28	7.07	-0.04	-40.19	232.96	7.13065204	0.854214906		162.42	179.271	7.19	-0.07	-41.11	232.04	7.158923892	0.433148964
54.46	122.3	7.02	-0.05	-33.7	239.45	6.93738442	1.183826065		162.46	179.294	7.19	0	-35.02	238.13	6.975839667	3.023616497
54.5	122.319	7.01	-0.01	-34.28	238.87	6.95422908	0.798768355		162.5	179.317	7.19	0	-29.73	243.42	6.824240818	5.219821557
54.54	122.338	7.02	0.01	-30.53	242.62	6.84674264	2.498890499		162.54	179.34	7.19	0	-27.04	246.11	6.749651375	6.317928802
54.58	122.358	7.03	0.01	-29.5	243.65	6.81779889	3.064762997		162.58	179.364	7.09	-0.1	-25.4	247.75	6.704971544	5.582156583
54.62	122.377	7.02	-0.01	-27.6	245.55	6.76504459	3.699014602		162.62	179.387	7.02	-0.07	-27.05	246.1	6.74992564	3.92266984
54.66	122.397	6.98	-0.04	-31.63	241.52	6.87792605	1.473148983		162.66	179.41	6.96	-0.06	-31.39	241.76	6.871098197	1.28553499
54.7	122.416	6.94	-0.04	-34.5	238.65	6.96063985	0.296962577		162.7	179.433	6.94	-0.02	-42.19	230.96	7.192399983	3.571933755
54.74	122.435	6.92	-0.02	-46.54	226.61	7.33046512	5.760725884		162.74	179.456	6.94	0	-57.26	215.89	7.694458752	10.31071617
54.78	122.455	6.94	0.02	-59.8	213.35	7.78606375	11.49069785		162.78	179.479	7.07	0.13	-63.97	209.18	7.941278803	11.60832217
54.82	122.474	6.98	0.04	-65.52	207.63	8.00056206	13.62515043		162.82	179.502	7.19	0.12	-66.76	206.39	8.048629779	11.26912053
54.86	122.493	7.02	0.04	-67.28	205.87	8.06895954	13.90366957		162.86	179.525	7.13	-0.06	-70.88	202.27	8.212570821	14.11198728
54.9	122.513	7.06	0.04	-72.3	200.85	8.27063331	15.79365032		162.9	179.549	7.11	-0.02	-71.88	201.27	8.253374571	14.88441965
54.94	122.532	7.09	0.03	-74.05	199.1	8.34332848	16.24184284		162.94	179.572	7.19	0.08	-74.77	198.38	8.373609739	15.20996425
54.98	122.552	7.11	0.02	-75.2	197.95	8.39179944	16.53742779		162.98	179.595	7.19	0	-77.52	195.63	8.491318816	16.59705834

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
55.02	122.571	7.11	0	-79.47	193.68	8.57681072	18.70119739		163.02	179.618	7.17	-0.02	-77.15	196	8.475289286	16.6860358
55.06	122.59	7.02	-0.09	-81.39	191.76	8.66268617	20.9490409		163.06	179.641	7.11	-0.06	-79.05	194.1	8.558251932	18.48645194
55.1	122.61	7.01	-0.01	-83.1	190.05	8.74062983	21.97537308		163.1	179.664	7.11	0	-79.74	193.41	8.588783931	18.8394711
55.14	122.629	7.02	0.01	-84.95	188.2	8.82654995	22.8005459		163.14	179.688	7.11	0	-79.83	193.32	8.592782433	18.88560119
55.18	122.649	7.02	0	-86.05	187.1	8.87844308	23.37893175		163.18	179.711	7.11	0	-79.24	193.91	8.566637615	18.58354644
55.22	122.668	7.04	0.02	-84.49	188.66	8.80502862	22.27864228		163.22	179.734	7.14	0.03	-82.3	190.85	8.703991092	19.74238793
55.26	122.687	7.07	0.03	-81.34	191.81	8.66042803	20.22103944		163.26	179.757	7.22	0.08	-81.35	191.8	8.660879562	18.14609268
55.3	122.707	7.11	0.04	-60.03	213.12	7.7944665	9.184716512		163.3	179.78	7.34	0.12	-71.44	201.71	8.235371077	11.497268
55.34	122.726	7.12	0.01	-46.55	226.6	7.33078861	2.917330257		163.34	179.803	7.36	0.02	-60.69	212.46	7.818679751	6.043737123
55.38	122.745	7.11	-0.01	-42.71	230.44	7.20863001	1.377645935		163.38	179.827	7.3	-0.06	-50.28	222.87	7.453478261	2.080570536
55.42	122.765	7.06	-0.05	-40.41	232.74	7.13739237	1.090233575		163.42	179.85	7.19	-0.11	-38.29	234.86	7.072965597	1.641094942
55.46	122.784	7.02	-0.04	-34.86	238.29	6.97115573	0.698216306		163.46	179.873	7.19	0	-35.47	237.68	6.989047038	2.834505893
55.5	122.804	7.02	0	-32	241.15	6.88847896	1.891235489		163.5	179.896	7.19	0	-29.53	243.62	6.818638453	5.301893512
55.54	122.823	7.02	0	-30.4	242.75	6.843076	2.552449338		163.54	179.919	7.19	0	-25.61	247.54	6.710659691	6.896655544
55.58	122.842	7.03	0.01	-28.55	244.6	6.7913193	3.453804924		163.58	179.943	7.07	-0.12	-24.38	248.77	6.677480002	5.71042836
55.62	122.862	7.02	-0.01	-28.94	244.21	6.80216494	3.151967307		163.62	179.966	7.02	-0.05	-25.56	247.59	6.709304495	4.526019578
55.66	122.881	6.98	-0.04	-30.26	242.89	6.83913171	2.03874306		163.66	179.989	6.99	-0.03	-33.03	240.12	6.918027236	1.034981632
55.7	122.9	6.94	-0.04	-33.41	239.74	6.92899266	0.158733104		163.7	180.012	6.94	-0.05	-44.95	228.2	7.279389571	4.773616601
55.74	122.92	6.92	-0.02	-46.46	226.69	7.32787816	5.725458276		163.74	180.035	6.94	0	-56.93	216.22	7.68271529	10.15837723
55.78	122.939	6.94	0.02	-55.11	218.04	7.61858696	9.322154115		163.78	180.058	7.07	0.13	-63.35	209.8	7.917810772	11.31333702
55.82	122.959	6.98	0.04	-63.26	209.89	7.91441565	12.54719444		163.82	180.082	7.19	0.12	-66.06	207.09	8.021424019	10.93157376
55.86	122.978	7.02	0.04	-66.27	206.88	8.02956642	13.41655151		163.86	180.105	7.13	-0.06	-69.86	203.29	8.171364553	13.61139458
55.9	122.998	7.06	0.04	-69.83	203.32	8.17015886	14.57842788		163.9	180.128	7.11	-0.02	-71.65	201.5	8.243953846	14.77083828
55.94	123.017	7.09	0.03	-73.74	199.41	8.33035806	16.08727958		163.94	180.151	7.17	0.06	-74.27	198.88	8.352557824	15.23663609
55.98	123.036	7.11	0.02	-76.78	196.37	8.45932016	17.3330646		163.98	180.174	7.19	0.02	-76.85	196.3	8.462336729	16.25746688

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
56.02	123.056	7.06	-0.05	-79.89	193.26	8.59545017	19.61553522		164.02	180.198	7.14	-0.05	-76.12	197.03	8.430983607	16.58191466
56.06	123.075	7.02	-0.04	-82.01	191.14	8.69078529	21.26927786		164.06	180.221	7.11	-0.03	-77.85	195.3	8.505666667	17.87521079
56.1	123.095	7.02	0	-83.72	189.43	8.76923771	22.15734217		164.1	180.244	7.11	0	-82.72	190.43	8.723188048	20.37729917
56.14	123.114	7.02	0	-84.51	188.64	8.80596215	22.57002934		164.14	180.267	7.11	0	-83.41	189.74	8.754910404	20.73646005
56.18	123.133	7.02	0	-84.23	188.92	8.79291076	22.42358517		164.18	180.291	7.11	0	-84.2	188.95	8.791514686	21.1491134
56.22	123.153	7.04	0.02	-83.96	189.19	8.78036207	22.00154538		164.22	180.314	7.11	0	-85.77	187.38	8.865176113	21.97379359
56.26	123.172	7.06	0.02	-70.46	202.69	8.19555331	14.88708125		164.26	180.337	7.15	0.04	-82.13	191.02	8.696244896	19.51560014
56.3	123.191	7.09	0.03	-54.91	218.24	7.61160511	7.095893402		164.3	180.36	7.31	0.16	-67.44	205.71	8.075235526	9.947660853
56.34	123.211	7.11	0.02	-49.46	223.69	7.42615539	4.349917637		164.34	180.383	7.36	0.05	-55.65	217.5	7.637502069	3.70064385
56.38	123.23	7.11	0	-43.89	229.26	7.24573279	1.89099079		164.38	180.407	7.24	-0.12	-47.82	225.33	7.372106244	1.808175248
56.42	123.25	7.09	-0.02	-38.43	234.72	7.0771843	0.180920852		164.42	180.43	7.17	-0.07	-34.95	238.2	6.973789673	2.774508558
56.46	123.269	7.06	-0.03	-34.68	238.47	6.96589382	1.341892047		164.46	180.453	7.15	-0.02	-32.04	241.11	6.889621749	3.709191818
56.5	123.289	7.04	-0.02	-32.79	240.36	6.91111957	1.84759981		164.5	180.476	7.19	0.04	-27.52	245.63	6.762841265	6.122892486
56.54	123.308	7.02	-0.02	-30.26	242.89	6.83913171	2.610095612		164.54	180.499	7.12	-0.07	-26.03	247.12	6.722064989	5.749648071
56.58	123.327	7.03	0.01	-27.55	245.6	6.76366735	3.861665619		164.58	180.523	7.07	-0.05	-23.01	250.14	6.640907892	6.25913487
56.62	123.347	7.02	-0.01	-30.64	242.51	6.84984825	2.45354878		164.62	180.546	6.97	-0.1	-25.17	247.98	6.698752722	3.96886656
56.66	123.366	6.98	-0.04	-30.98	242.17	6.85946525	1.741898926		164.66	180.569	6.94	-0.03	-30.35	242.8	6.841666804	1.427014561
56.7	123.386	6.92	-0.06	-34.18	238.97	6.95131899	0.451564758		164.7	180.592	6.94	0	-40.65	232.5	7.14476	2.907539781
56.74	123.405	6.86	-0.06	-46.47	226.68	7.32820143	6.599870063		164.74	180.615	6.94	0	-56.98	216.17	7.684492298	10.1814447
56.78	123.425	6.85	-0.01	-58.34	214.81	7.73314417	12.11184863		164.78	180.639	7.02	0.08	-62.63	210.52	7.890731047	11.67925361
56.82	123.444	6.93	0.08	-64.39	208.76	7.9572557	13.80047097		164.82	180.662	7.19	0.17	-65.34	207.81	7.993632164	10.58550623
56.86	123.463	7.02	0.09	-67.97	205.18	8.09609465	14.23773367		164.86	180.685	7.11	-0.08	-69.22	203.93	8.1457201	13.57812143
56.9	123.483	7.08	0.06	-71.35	201.8	8.23169822	15.04337664		164.9	180.709	7.11	0	-70.52	202.63	8.197980062	14.21454768
56.94	123.502	7.11	0.03	-72.75	200.4	8.28920509	15.31514235		164.94	180.732	7.14	0.03	-74.34	198.81	8.355498717	15.68841042
56.98	123.522	7.11	0	-77.16	195.99	8.47572172	17.52529328		164.98	180.755	7.19	0.05	-77.13	196.02	8.474424549	16.39925609

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
57.02	123.541	7.06	-0.05	-79.38	193.77	8.57282706	19.35449112		165.02	180.778	7.17	-0.02	-78.32	194.83	8.526185392	17.28044564
57.06	123.56	7.02	-0.04	-80.72	192.43	8.63252455	20.60401884		165.06	180.801	7.11	-0.06	-79.04	194.11	8.557811035	18.4813441
57.1	123.58	7.02	0	-83.33	189.82	8.75122063	21.95417426		165.1	180.825	7.11	0	-81.27	191.88	8.657268605	19.62633661
57.14	123.599	7.02	0	-84.68	188.47	8.81390513	22.65903599		165.14	180.848	7.11	0	-81.55	191.6	8.669920146	19.77095108
57.18	123.619	7.02	0	-84.98	188.17	8.82795717	22.81628032		165.18	180.871	7.11	0	-82.3	190.85	8.703991092	20.15925117
57.22	123.638	7.02	0	-84.03	189.12	8.78361199	22.31910013		165.22	180.894	7.14	0.03	-81.17	191.98	8.652759142	19.15762949
57.26	123.658	7.01	-0.01	-80.94	192.21	8.64240518	20.85820247		165.26	180.918	7.22	0.08	-80.56	192.59	8.625352822	17.73835948
57.3	123.677	7.02	0.01	-58.26	214.89	7.73026525	9.630542093		165.3	180.941	7.36	0.14	-70.8	202.35	8.209323944	10.91022252
57.34	123.696	7.07	0.05	-49.28	223.87	7.42018448	4.833402673		165.34	180.964	7.42	0.06	-59.7	213.45	7.782416022	4.767874027
57.38	123.716	7.11	0.04	-45.63	227.52	7.30114583	2.652749969		165.38	180.987	7.3	-0.12	-50.37	222.78	7.456489362	2.120956521
57.42	123.735	7.12	0.01	-40.87	232.28	7.15152704	0.441817281		165.42	181.011	7.19	-0.11	-41.85	231.3	7.181827497	0.113729493
57.46	123.755	7.1	-0.02	-35.8	237.35	6.99876427	1.43609363		165.46	181.034	7.19	0	-35.89	237.26	7.001419118	2.657674756
57.5	123.774	7.07	-0.03	-31.82	241.33	6.88334107	2.675472933		165.5	181.057	7.22	0.03	-30.09	243.06	6.834348309	5.488005313
57.54	123.794	7.02	-0.05	-29.11	244.04	6.80690338	3.082347764		165.54	181.08	7.2	-0.02	-26.53	246.62	6.735693374	6.663559725
57.58	123.813	6.98	-0.04	-27.24	245.91	6.75514091	3.274216061		165.58	181.104	7.13	-0.07	-25.9	247.25	6.718530637	5.942426295
57.62	123.833	6.94	-0.04	-29.16	243.99	6.80829829	1.915898336		165.62	181.127	7.02	-0.11	-27.3	245.85	6.756789506	3.82107158
57.66	123.852	6.89	-0.05	-31.69	241.46	6.87963514	0.150546672		165.66	181.15	7.02	0	-31.79	241.36	6.882485499	1.978272175
57.7	123.871	6.85	-0.04	-33.91	239.24	6.94347392	1.355335399		165.7	181.174	7.02	0	-43.51	229.64	7.233742815	2.999111428
57.74	123.891	6.85	0	-45.95	227.2	7.31142914	6.51670298		165.74	181.197	7.02	0	-57.73	215.42	7.711246402	9.384764649
57.78	123.91	6.85	0	-59.49	213.66	7.77476692	12.64658677		165.78	181.22	7.09	0.07	-62.93	210.22	7.901991723	10.83233953
57.82	123.93	6.93	0.08	-64.26	208.89	7.9523036	13.73851296		165.82	181.243	7.22	0.13	-65.82	207.33	8.01213862	10.40088512
57.86	123.949	7.02	0.09	-67.87	205.28	8.09215072	14.18925394		165.86	181.267	7.19	-0.03	-71.17	201.98	8.224362313	13.42076035
57.9	123.969	7.08	0.06	-71.98	201.17	8.25747726	15.35424944		165.9	181.29	7.14	-0.05	-72.35	200.8	8.272692729	14.6981809
57.94	123.988	7.11	0.03	-72.69	200.46	8.28672403	15.2853819		165.94	181.313	7.19	0.05	-73.14	200.01	8.305368232	14.39615006
57.98	124.008	7.11	0	-76.83	196.32	8.46147463	17.35833844		165.98	181.336	7.19	0	-75.09	198.06	8.387138746	15.37045751

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
58.02	124.027	7.06	-0.05	-78.47	194.68	8.53275478	18.89024484		166.02	181.36	7.19	0	-79.04	194.11	8.557811035	17.37144333
58.06	124.047	7.02	-0.04	-81.17	191.98	8.65275914	20.83563113		166.06	181.383	7.19	0	-79.86	193.29	8.594116095	17.79150744
58.1	124.066	7.02	0	-82.49	190.66	8.71266495	21.51784149		166.1	181.406	7.19	0	-82.75	190.4	8.7245625	19.28501019
58.14	124.085	7.02	0	-84.78	188.37	8.81858417	22.7114261		166.14	181.43	7.19	0	-85.61	187.54	8.857612776	20.78331275
58.18	124.105	7.02	0	-84.29	188.86	8.79570423	22.45494984		166.18	181.453	7.19	0	-86.17	186.98	8.884141085	21.07908691
58.22	124.124	7.02	0	-83.76	189.39	8.77108981	22.17820094		166.22	181.476	7.19	0	-84.64	188.51	8.812034905	20.27285798
58.26	124.144	7.02	0	-80.74	192.41	8.63342186	20.61430241		166.26	181.5	7.24	0.05	-79.77	193.38	8.590116351	17.057567
58.3	124.163	7.02	0	-57.99	215.16	7.7205647	9.505262661		166.3	181.523	7.36	0.12	-72.85	200.3	8.293343485	11.92516456
58.34	124.183	7.04	0.02	-52.79	220.36	7.53837675	6.837204934		166.34	181.546	7.42	0.06	-61.53	211.62	7.849715055	5.62833103
58.38	124.202	7.05	0.01	-47.35	225.8	7.35676129	4.25857397		166.38	181.569	7.32	-0.1	-49.24	223.91	7.418858917	1.341473137
58.42	124.222	7.06	0.01	-39.55	233.6	7.11111601	0.721411218		166.42	181.593	7.19	-0.13	-39.32	233.83	7.10412137	1.201593684
58.46	124.241	7.06	0	-33.72	239.43	6.93796391	1.743626237		166.46	181.616	7.19	0	-32.96	240.19	6.916011075	3.884711617
58.5	124.261	7.05	-0.01	-31.42	241.73	6.87195094	2.557817705		166.5	181.639	7.19	0	-29.29	243.86	6.811927745	5.400288609
58.54	124.28	7.02	-0.03	-28.75	244.4	6.79687684	3.229719152		166.54	181.663	7.19	0	-26.64	246.51	6.738699039	6.480159564
58.58	124.3	6.99	-0.03	-27.88	245.27	6.77276756	3.15681329		166.58	181.686	7.11	-0.08	-25.3	247.85	6.70226629	5.903936419
58.62	124.319	6.95	-0.04	-27.56	245.59	6.76394275	2.71340275		166.62	181.709	7.02	-0.09	-26.12	247.03	6.724514027	4.299693285
58.66	124.339	6.9	-0.05	-30.24	242.91	6.83856861	0.894291045		166.66	181.732	7.02	0	-29.96	243.19	6.83069493	2.733510067
58.7	124.358	6.85	-0.05	-33.96	239.19	6.94492537	1.376236124		166.7	181.756	7.02	0	-37.25	235.9	7.041783383	0.309823899
58.74	124.377	6.83	-0.02	-47.17	225.98	7.35090141	7.346520397		166.74	181.779	7	-0.02	-46.67	226.48	7.334672819	4.669416917
58.78	124.397	6.85	0.02	-57.66	215.49	7.70874147	11.79691905		166.78	181.802	7.07	0.07	-56.49	216.66	7.667112988	8.103527313
58.82	124.416	6.93	0.08	-62.54	210.61	7.8873591	12.92212861		166.82	181.826	7.19	0.12	-64.98	208.17	7.97980833	10.41289794
58.86	124.436	7.02	0.09	-66.51	206.64	8.03889228	13.53210127		166.86	181.849	7.15	-0.04	-70.41	202.74	8.19353211	13.60224103
58.9	124.455	7.08	0.06	-69.61	203.54	8.16132799	14.18941965		166.9	181.872	7.11	-0.04	-72.11	201.04	8.262816852	14.99812121
58.94	124.475	7.1	0.02	-71.69	201.46	8.24559069	14.93055186		166.94	181.896	7.19	0.08	-73.69	199.46	8.328269829	14.67006105
58.98	124.494	7.11	0.01	-75.17	197.98	8.39052783	16.52237711		166.98	181.919	7.19	0	-78.21	194.94	8.521374269	16.94790343

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
59.02	124.514	7.06	-0.05	-78.93	194.22	8.55296416	19.12467291		167.02	181.942	7.19	0	-78.66	194.49	8.541090545	17.17732843
59.06	124.533	7.02	-0.04	-81.03	192.12	8.64645378	20.76352188		167.06	181.966	7.11	-0.08	-80.95	192.2	8.642854839	19.4612958
59.1	124.553	7	-0.02	-82.9	190.25	8.73144126	22.01249374		167.1	181.989	7.11	0	-83.84	189.31	8.774796366	20.96087765
59.14	124.572	6.98	-0.02	-83.73	189.42	8.76970067	22.72678958		167.14	182.012	7.11	0	-84.92	188.23	8.825143176	21.52654867
59.18	124.592	6.97	-0.01	-85	188.15	8.82889556	23.53196848		167.18	182.036	7.11	0	-81.82	191.33	8.682154916	19.91058122
59.22	124.611	6.98	0.01	-84.5	188.65	8.80549536	23.12876878		167.22	182.059	7.11	0	-75.64	197.51	8.410494152	16.75841168
59.26	124.631	7	0.02	-81.85	191.3	8.68351647	21.46860967		167.26	182.082	7.17	0.06	-68.29	204.86	8.108741091	12.28819948
59.3	124.65	7.02	0.02	-67.24	205.91	8.06739206	13.88433548		167.3	182.106	7.31	0.14	-61.72	211.43	7.856769143	7.210093834
59.34	124.67	7.04	0.02	-51.24	221.91	7.48572259	6.137010912		167.34	182.129	7.36	0.05	-56.46	216.69	7.666051502	4.073611782
59.38	124.689	7.05	0.01	-44.47	228.68	7.26411011	2.991595126		167.38	182.152	7.26	-0.1	-47.14	226.01	7.349925667	1.231021554
59.42	124.709	7.05	0	-40.76	232.39	7.14814192	1.382461412		167.42	182.176	7.19	-0.07	-34.02	239.13	6.946667921	3.442566242
59.46	124.728	7.05	0	-37.71	235.44	7.05554154	0.078572513		167.46	182.199	7.19	0	-33.58	239.57	6.933909505	3.626340078
59.5	124.748	7.05	0	-34.83	238.32	6.9702782	1.137235674		167.5	182.222	7.19	0	-20.58	252.57	6.577015085	8.905124477
59.54	124.767	7.02	-0.03	-31.12	242.03	6.86343305	2.255450132		167.54	182.246	7.19	0	-25.79	247.36	6.715542933	6.823999162
59.58	124.787	6.99	-0.03	-27.59	245.56	6.7647691	3.274949934		167.58	182.269	7.09	-0.1	-24.48	248.67	6.680165279	5.952502565
59.62	124.806	6.94	-0.05	-29.87	243.28	6.82816795	1.62450147		167.62	182.292	7.02	-0.07	-25.86	247.29	6.717443892	4.404838492
59.66	124.826	6.89	-0.05	-31.41	241.74	6.87166667	0.266440596		167.66	182.316	6.95	-0.07	-28.05	245.1	6.777465116	2.513718043
59.7	124.845	6.85	-0.04	-34.04	239.11	6.94724896	1.40968631		167.7	182.339	6.94	-0.01	-52.35	220.8	7.52335462	8.066657216
59.74	124.865	6.84	-0.01	-47.06	226.09	7.34732496	7.151805722		167.74	182.362	6.94	0	-58.35	214.8	7.73350419	10.81546957
59.78	124.884	6.85	0.01	-57.63	215.52	7.70766843	11.78304663		167.78	182.386	7.09	0.15	-63.07	210.08	7.907257711	10.89876199
59.82	124.904	6.91	0.06	-63.52	209.63	7.92423174	13.67420652		167.82	182.409	7.19	0.1	-69.61	203.54	8.161327994	12.65464453
59.86	124.923	6.98	0.07	-67.77	205.38	8.08821063	14.70925329		167.86	182.432	7.17	-0.02	-70.89	202.26	8.212976861	13.56014341
59.9	124.942	7.02	0.04	-70.79	202.36	8.20891826	15.61395555		167.9	182.456	7.17	0	-74.84	198.31	8.376565478	15.52195538
59.94	124.962	7.04	0.02	-73.38	199.77	8.31534615	16.61110255		167.94	182.479	7.19	0.02	-75.27	197.88	8.394768041	15.4608402
59.98	124.982	7.04	0	-74.93	198.22	8.38036878	17.38439334		167.98	182.502	7.24	0.05	-74.7	198.45	8.370656085	14.48569591

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
60.02	125.001	7.02	-0.02	-77.99	195.16	8.51176829	19.20925248		168.02	182.526	7.19	-0.05	-79.83	193.32	8.592782433	17.77611063
60.06	125.021	7.02	0	-81.52	191.63	8.66856286	21.01611053		168.06	182.549	7.19	0	-81.9	191.25	8.685786667	18.84362266
60.1	125.04	7.04	0.02	-83.28	189.87	8.7489161	21.64703504		168.1	182.572	7.19	0	-81.52	191.63	8.668562856	18.6468707
60.14	125.06	7.02	-0.02	-84.39	188.76	8.80036395	22.50724395		168.14	182.596	7.19	0	-81.83	191.32	8.682608718	18.80735227
60.18	125.079	6.94	-0.08	-84.25	188.9	8.79384172	23.56502307		168.18	182.619	7.19	0	-84.81	188.34	8.81998885	20.36214847
60.22	125.099	6.93	-0.01	-84.23	188.92	8.79291076	23.6967669		168.22	182.643	7.19	0	-85.29	187.86	8.842524752	20.614654
60.26	125.118	6.97	0.04	-81.03	192.12	8.64645378	21.47035175		168.26	182.666	7.24	0.05	-83.14	190.01	8.74246987	18.80147289
60.3	125.138	7.02	0.05	-59.78	213.37	7.78533393	10.33862432		168.3	182.689	7.34	0.1	-69.54	203.61	8.158522175	10.56258352
60.34	125.157	7.05	0.03	-52.74	220.41	7.53666667	6.672760512		168.34	182.713	7.42	0.08	-59.4	213.75	7.771493333	4.627502058
60.38	125.177	7.05	0	-46.63	226.52	7.33337763	3.94034884		168.38	182.736	7.34	-0.08	-49.04	224.11	7.412238187	0.979352227
60.42	125.196	7.03	-0.02	-39.93	233.22	7.1227026	1.310033865		168.42	182.759	7.28	-0.06	-40.82	232.33	7.149987948	1.801970345
60.46	125.216	7.02	-0.01	-35.99	237.16	7.00437131	0.222879003		168.46	182.783	7.26	-0.02	-37.42	235.73	7.046861664	2.979526066
60.5	125.235	7.03	0.01	-31.22	241.93	6.86627	2.356459749		168.5	182.806	7.28	0.02	-32.14	241.01	6.892480395	5.468620795
60.54	125.255	7.02	-0.01	-29.48	243.67	6.8172393	2.930652518		168.54	182.83	7.27	-0.01	-27.09	246.06	6.751022921	7.402841885
60.58	125.274	6.99	-0.03	-28.29	244.86	6.78410806	2.98955021		168.58	182.853	7.15	-0.12	-26.13	247.02	6.724786252	6.1293016
60.62	125.294	6.94	-0.05	-27.94	245.21	6.77442478	2.414614159		168.62	182.876	7.08	-0.07	-27.8	245.35	6.770559201	4.46827878
60.66	125.313	6.89	-0.05	-31.05	242.1	6.86144857	0.415249708		168.66	182.9	7.02	-0.06	-31.85	241.3	6.88419685	1.953412356
60.7	125.333	6.85	-0.04	-34.01	239.14	6.94637744	1.397141188		168.7	182.923	7.02	0	-45.5	227.65	7.296976499	3.869203795
60.74	125.352	6.84	-0.01	-46.61	226.54	7.3327302	6.953215014		168.74	182.947	7.02	0	-57.74	215.41	7.711604382	9.389396625
60.78	125.372	6.85	0.01	-57.23	215.92	7.69338968	11.5982546		168.78	182.97	7.11	0.09	-63.17	209.98	7.911023431	10.66536424
60.82	125.391	6.89	0.04	-63.41	209.74	7.92007581	13.91047313		168.82	182.993	7.28	0.17	-69.17	203.98	8.143723404	11.19993379
60.86	125.411	6.94	0.05	-67.73	205.42	8.08663567	15.26137584		168.86	183.017	7.22	-0.06	-71.31	201.84	8.230066885	13.07524287
60.9	125.43	6.99	0.05	-70.71	202.44	8.20567427	16.0002676		168.9	183.04	7.19	-0.03	-72.92	200.23	8.296242821	14.28678129
60.94	125.45	7.05	0.06	-72.62	200.53	8.28383135	16.09292967		168.94	183.064	7.22	0.03	-74.47	198.68	8.360965875	14.6456373
60.98	125.47	7.11	0.06	-73.96	199.19	8.33955871	15.91707227		168.98	183.087	7.28	0.06	-78.98	194.17	8.555166607	16.10550288

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
61.02	125.489	7.07	-0.04	-77.05	196.1	8.47096736	18.02934567		169.02	183.11	7.22	-0.06	-79.31	193.84	8.569731222	17.09631662
61.06	125.509	7.02	-0.05	-81.54	191.61	8.66946767	21.02643255		169.06	183.134	7.19	-0.03	-77.29	195.86	8.481347391	16.48036201
61.1	125.528	6.97	-0.05	-81.84	191.31	8.68306257	21.88789013		169.1	183.157	7.19	0	-79.17	193.98	8.563546242	17.43793075
61.14	125.548	6.94	-0.03	-84.33	188.82	8.79756752	23.60679338		169.14	183.18	7.19	0	-85.75	187.4	8.864229989	20.85718207
61.18	125.567	6.94	0	-84.74	188.41	8.81671196	23.82111145		169.18	183.204	7.19	0	-88.03	185.12	8.973404818	22.06719238
61.22	125.587	6.95	0.01	-84.93	188.22	8.82561205	23.77862797		169.22	183.227	7.19	0	-85.15	188	8.835939894	20.5409468
61.26	125.606	6.98	0.03	-82.15	191	8.6971555	21.90646763		169.26	183.251	7.24	0.05	-78.95	194.2	8.553845005	16.63743065
61.3	125.626	7	0.02	-69.27	203.88	8.14771778	15.15367255		169.3	183.274	7.39	0.15	-70.79	202.36	8.208918264	10.49968018
61.34	125.645	7.01	0.01	-53.52	219.63	7.56343259	7.595089046		169.34	183.298	7.45	0.06	-61.39	211.76	7.844525406	5.159040842
61.38	125.665	7.02	0.01	-43.24	229.91	7.22524771	2.88163056		169.38	183.321	7.34	-0.11	-50.4	222.75	7.457493603	1.588020321
61.42	125.684	7.02	0	-40.85	232.3	7.15091132	1.847606249		169.42	183.344	7.28	-0.06	-40.79	232.36	7.149064813	1.814881123
61.46	125.704	7.02	0	-34.84	238.31	6.97057069	0.706608985		169.46	183.368	7.24	-0.04	-34.09	239.06	6.948701999	4.106055656
61.5	125.724	7.03	0.01	-30.78	242.37	6.85380493	2.538138134		169.5	183.391	7.28	0.04	-29.68	243.47	6.822839364	6.483242473
61.54	125.743	7.02	-0.01	-27.8	245.35	6.7705592	3.617558871		169.54	183.415	7.27	-0.01	-26.58	246.57	6.737059253	7.609602236
61.58	125.763	6.99	-0.03	-27.53	245.62	6.7631166	3.299374297		169.58	183.438	7.13	-0.14	-24.77	248.38	6.687964812	6.397978198
61.62	125.782	6.94	-0.05	-29.44	243.71	6.81612039	1.801083554		169.62	183.461	7.07	-0.06	-26.93	246.22	6.746635935	4.680793012
61.66	125.802	6.89	-0.05	-30.51	242.64	6.84617829	0.638048084		169.66	183.485	7.02	-0.05	-34.23	238.92	6.952773732	0.962246573
61.7	125.821	6.85	-0.04	-34.31	238.84	6.95510258	1.522662777		169.7	183.508	7.02	0	-49.65	223.5	7.432468456	5.707930899
61.74	125.841	6.84	-0.01	-48.09	225.06	7.38095041	7.607795506		169.74	183.532	7.02	0	-59.04	214.11	7.75842651	9.993303539
61.78	125.86	6.85	0.01	-57.19	215.96	7.69196472	11.57979313		169.78	183.555	7.11	0.09	-63.7	209.45	7.931041776	10.91735251
61.82	125.88	6.89	0.04	-64.24	208.91	7.95154229	14.30501319		169.82	183.579	7.25	0.14	-68.06	205.09	8.099647472	11.07057961
61.86	125.899	6.94	0.05	-68.31	204.84	8.10953281	15.54244668		169.86	183.602	7.19	-0.06	-69.8	203.35	8.168953528	12.74765923
61.9	125.919	6.98	0.04	-70.61	202.54	8.20162289	16.09344269		169.9	183.626	7.19	0	-71.59	201.56	8.241499802	13.62796637
61.94	125.939	7	0.02	-73.22	199.93	8.30869154	17.0973664		169.94	183.649	7.19	0	-73.3	199.85	8.312017513	14.47576113
61.98	125.958	7.02	0.02	-74.54	198.61	8.36391269	17.47166303		169.98	183.672	7.28	0.09	-77.53	195.62	8.491752888	15.36611557

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
62.02	125.978	7.02	0	-76.92	196.23	8.46535545	18.66738487		170.02	183.696	7.19	-0.09	-77.74	195.41	8.500878665	16.7087987
62.06	125.997	7.02	0	-81.06	192.09	8.64780415	20.7789699		170.06	183.719	7.19	0	-79.17	193.98	8.563546242	17.43793075
62.1	126.017	6.98	-0.04	-83.37	189.78	8.75306513	22.53934772		170.1	183.743	7.14	-0.05	-82.72	190.43	8.723188048	19.96052803
62.14	126.036	6.94	-0.04	-83.98	189.17	8.78129037	23.42416341		170.14	183.766	7.14	0	-83.98	189.17	8.781290374	20.61755467
62.18	126.056	6.94	0	-84.72	188.43	8.81577615	23.81064738		170.18	183.79	7.19	0.05	-84.98	188.17	8.827957166	20.45151138
62.22	126.076	6.95	0.01	-85.17	187.98	8.83687999	23.90440655		170.22	183.813	7.14	-0.05	-85.18	187.97	8.837350109	21.24695394
62.26	126.095	6.97	0.02	-74.87	198.28	8.37783286	18.34568926		170.26	183.837	7.22	0.08	-83	190.15	8.736033132	19.00263204
62.3	126.115	6.99	0.02	-60.59	212.56	7.81500141	11.14490149		170.3	183.86	7.34	0.12	-67.04	206.11	8.059563825	9.345249428
62.34	126.134	7.01	0.02	-51.66	221.49	7.49991738	6.752862404		170.34	183.883	7.36	0.02	-54.84	218.31	7.609164491	3.329036714
62.38	126.154	7.02	0.01	-46.41	226.74	7.32626224	4.269575358		170.38	183.907	7.32	-0.04	-43.86	229.29	7.24478477	1.032836816
62.42	126.173	7.04	0.02	-41.16	231.99	7.16046683	1.696660144		170.42	183.93	7.22	-0.1	-34.36	238.79	6.956558901	3.716573263
62.46	126.193	7.02	-0.02	-36.09	237.06	7.00732599	0.180704528		170.46	183.954	7.19	-0.03	-30.38	242.77	6.842512254	4.952609188
62.5	126.213	6.98	-0.04	-33.45	239.7	6.93014894	0.716758161		170.5	183.977	7.25	0.06	-28.32	244.83	6.784939346	6.627184384
62.54	126.232	6.94	-0.04	-29.39	243.76	6.81472227	1.821595955		170.54	184.001	7.22	-0.03	-24.94	248.21	6.692545425	7.582430945
62.58	126.252	6.94	0	-27.17	245.98	6.75321855	2.728086825		170.58	184.024	7.13	-0.09	-23.68	249.47	6.658743336	6.83538235
62.62	126.271	6.94	0	-26.31	246.84	6.72969008	3.077025391		170.62	184.048	7.02	-0.11	-25.98	247.17	6.720705183	4.356323978
62.66	126.291	6.9	-0.04	-30.46	242.69	6.84476781	0.803683117		170.66	184.071	7.02	0	-30.97	242.18	6.859182013	2.317398626
62.7	126.31	6.85	-0.05	-33.05	240.1	6.9186035	0.996520795		170.7	184.095	7.02	0	-43.69	229.46	7.239417328	3.077507623
62.74	126.33	6.84	-0.01	-46.98	226.17	7.34472609	7.116472856		170.74	184.118	7.02	0	-58.11	215.04	7.724873047	9.560923918
62.78	126.35	6.85	0.01	-58.21	214.94	7.72846701	12.05156911		170.78	184.141	7.11	0.09	-63.84	209.31	7.936346567	10.98401613
62.82	126.369	6.89	0.04	-64.09	209.06	7.94583708	14.23360306		170.82	184.165	7.28	0.17	-65.81	207.34	8.011752194	9.570547379
62.86	126.389	6.94	0.05	-67.29	205.86	8.0693515	15.04863819		170.86	184.188	7.22	-0.06	-70.35	202.8	8.191107988	12.60270175
62.9	126.408	6.98	0.04	-70.33	202.82	8.19030027	15.95618076		170.9	184.212	7.19	-0.03	-73.99	199.16	8.340814923	14.81976224
62.94	126.428	7	0.02	-71.77	201.38	8.24886632	16.37979239		170.94	184.235	7.22	0.03	-75.31	197.84	8.396465326	15.06698604
62.98	126.448	7.02	0.02	-73.75	199.4	8.33077583	17.07764926		170.98	184.259	7.28	0.06	-75.58	197.57	8.407939971	14.37970789

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
63.02	126.467	7.01	-0.01	-78.19	194.96	8.5205001	19.45204717		171.02	184.282	7.25	-0.03	-79.32	193.83	8.570173348	16.68974567
63.06	126.487	7	-0.01	-81.76	191.39	8.67943309	21.422115		171.06	184.306	7.19	-0.06	-81.28	191.87	8.65771981	18.52278849
63.1	126.506	6.97	-0.03	-83.25	189.9	8.74753397	22.61848416		171.1	184.329	7.19	0	-80.72	192.43	8.632524554	18.23381028
63.14	126.526	6.94	-0.03	-84.14	189.01	8.78872388	23.50761437		171.14	184.353	7.19	0	-80.06	193.09	8.603017764	17.8942085
63.18	126.546	6.94	0	-84.87	188.28	8.82279955	23.88915176		171.18	184.376	7.19	0	-81.12	192.03	8.650506171	18.44014522
63.22	126.565	6.95	0.01	-84.11	189.04	8.78732914	23.34994866		171.22	184.4	7.19	0	-81.92	191.23	8.686695079	18.85398783
63.26	126.585	6.97	0.02	-80.96	192.19	8.64330454	21.43434195		171.26	184.423	7.28	0.09	-79.73	193.42	8.588339882	16.48994024
63.3	126.604	6.99	0.02	-60.28	212.87	7.80362052	10.99961323		171.3	184.447	7.42	0.14	-72.45	200.7	8.276814649	10.91705123
63.34	126.624	7.01	0.02	-49.03	224.12	7.41190746	5.573568703		171.34	184.47	7.45	0.03	-60.77	212.38	7.821624918	4.866868059
63.38	126.643	7.02	0.01	-45.58	227.57	7.29954168	3.904338361		171.38	184.494	7.39	-0.06	-49.81	223.34	7.437793051	0.644641462
63.42	126.663	7.04	0.02	-40.26	232.89	7.13279531	1.309484954		171.42	184.517	7.28	-0.11	-41.78	231.37	7.179654666	1.387935419
63.46	126.683	7.02	-0.02	-34.5	238.65	6.96063985	0.849176454		171.46	184.541	7.28	0	-35.32	237.83	6.984639028	4.141162935
63.5	126.702	6.98	-0.04	-29.97	243.18	6.83097582	2.158054312		171.5	184.564	7.28	0	-30.43	242.72	6.843921803	6.175029899
63.54	126.722	6.94	-0.04	-28.12	245.03	6.7794013	2.341191116		171.54	184.588	7.28	0	-27.54	245.61	6.763391963	7.357311375
63.58	126.741	6.94	0	-28.03	245.12	6.77691212	2.377909457		171.58	184.611	7.17	-0.11	-26.43	246.72	6.732963278	6.286957867
63.62	126.761	6.94	0	-29.06	244.09	6.80550903	1.956871384		171.62	184.635	7.11	-0.06	-28.24	244.91	6.782723041	4.71148756
63.66	126.781	6.9	-0.04	-30.31	242.84	6.84053986	0.865470192		171.66	184.658	7.09	-0.02	-32.32	240.83	6.89763194	2.750545071
63.7	126.8	6.85	-0.05	-33.93	239.22	6.94405443	1.363695169		171.7	184.682	7.07	-0.02	-43.15	230	7.222420435	2.132884846
63.74	126.82	6.84	-0.01	-47.45	225.7	7.36002082	7.324226218		171.74	184.705	7.02	-0.05	-58.4	214.75	7.735304773	9.695560803
63.78	126.839	6.85	0.01	-58.38	214.77	7.73458444	12.13040307		171.78	184.729	7.15	0.13	-65.35	207.8	7.994016843	11.14653862
63.82	126.859	6.89	0.04	-64.68	208.47	7.96832494	14.5147578		171.82	184.752	7.28	0.13	-68.3	204.85	8.109136929	10.77561313
63.86	126.879	6.94	0.05	-67.18	205.97	8.065042	14.99551946		171.86	184.776	7.24	-0.04	-69.19	203.96	8.144521965	11.75885695
63.9	126.898	6.98	0.04	-70.34	202.81	8.19070411	15.96107997		171.9	184.799	7.19	-0.05	-72.8	200.35	8.291273771	14.22717261
63.94	126.918	7	0.02	-72.42	200.73	8.27557764	16.70087602		171.94	184.823	7.25	0.06	-73.13	200.02	8.304953005	13.5642069
63.98	126.938	7.02	0.02	-74.38	198.77	8.35718016	17.39174731		171.98	184.846	7.28	0.03	-79.11	194.04	8.560898268	16.17204084

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
64.02	126.957	6.98	-0.04	-79.68	193.47	8.58612033	20.63610321		172.02	184.87	7.25	-0.03	-78.4	194.75	8.529687805	16.21943122
64.06	126.977	6.94	-0.04	-81.57	191.58	8.67082524	22.17467963		172.06	184.893	7.19	-0.06	-80.31	192.84	8.614170815	18.02272111
64.1	126.996	6.93	-0.01	-81.78	191.37	8.68034018	22.42539443		172.1	184.917	7.19	0	-84.05	189.1	8.784540984	19.96352803
64.14	127.016	6.94	0.01	-84.68	188.47	8.81390513	23.78972217		172.14	184.94	7.19	0	-84.88	188.27	8.823268179	20.39893619
64.18	127.036	6.94	0	-86.06	187.09	8.87891763	24.51391022		172.18	184.964	7.19	0	-85.71	187.44	8.862338348	20.83607151
64.22	127.055	6.95	0.01	-84.29	188.86	8.79570423	23.44390824		172.22	184.988	7.19	0	-86.98	186.17	8.922794757	21.50830794
64.26	127.075	6.97	0.02	-81.6	191.55	8.67218324	21.76401102		172.26	185.011	7.24	0.05	-83.34	189.81	8.751681682	18.90585008
64.3	127.094	6.99	0.02	-66.72	206.43	8.04707019	14.05952329		172.3	185.035	7.39	0.15	-68.52	204.63	8.117855153	9.386922253
64.34	127.114	7.01	0.02	-52.97	220.18	7.54453947	7.345329873		172.34	185.058	7.45	0.06	-53.92	219.23	7.577232587	1.693360185
64.38	127.134	7.02	0.01	-44.12	229.03	7.25300921	3.265032752		172.38	185.082	7.34	-0.11	-45.27	227.88	7.289611638	0.688854408
64.42	127.153	7.02	0	-39.07	234.08	7.09653409	1.084318437		172.42	185.105	7.25	-0.09	-36.19	236.96	7.01028317	3.362020613
64.46	127.173	7	-0.02	-35.23	237.92	6.98199689	0.257518442		172.46	185.129	7.26	0.01	-34.68	238.47	6.965893823	4.134800675
64.5	127.193	6.97	-0.03	-30.3	242.85	6.84025818	1.878919484		172.5	185.152	7.28	0.02	-29.93	243.22	6.829852397	6.380613919
64.54	127.212	6.94	-0.03	-28.76	244.39	6.79715496	2.079688891		172.54	185.176	7.26	-0.02	-27.39	245.76	6.759263916	7.143543156
64.58	127.232	6.94	0	-26.96	246.19	6.74745806	2.813406818		172.58	185.199	7.15	-0.11	-25.2	247.95	6.699563218	6.504707398
64.62	127.251	6.94	0	-27.04	246.11	6.74965138	2.780912667		172.62	185.223	7.08	-0.07	-26.88	246.27	6.745266171	4.842349139
64.66	127.271	6.89	-0.05	-30.11	243.04	6.83491071	0.802763484		172.66	185.246	7.02	-0.06	-30.9	242.25	6.8572	2.346294642
64.7	127.291	6.84	-0.05	-33.73	239.42	6.9382537	1.42621407		172.7	185.27	7.02	0	-42.65	230.5	7.206753579	2.62538573
64.74	127.31	6.83	-0.01	-47.29	225.86	7.35480696	7.399564358		172.74	185.293	7.02	0	-58.15	215	7.726310233	9.579484243
64.78	127.33	6.85	0.02	-57.29	215.86	7.69552812	11.62595284		172.78	185.317	7.15	0.13	-63.62	209.53	7.92801365	10.31984275
64.82	127.35	6.9	0.05	-65.52	207.63	8.00056206	14.77208783		172.82	185.341	7.28	0.13	-66.59	206.56	8.042005713	9.946553042
64.86	127.369	6.94	0.04	-68.05	205.1	8.09925256	15.41635869		172.86	185.364	7.24	-0.04	-70.35	202.8	8.191107988	12.32715096
64.9	127.389	6.97	0.03	-71.83	201.32	8.25132476	16.83591641		172.9	185.388	7.19	-0.05	-72.44	200.71	8.276402272	14.04854539
64.94	127.409	7	0.03	-73.38	199.77	8.31534615	17.17683865		172.94	185.411	7.28	0.09	-73.91	199.24	8.33746587	13.54209292
64.98	127.428	7.02	0.02	-74.82	198.33	8.37572077	17.61165702		172.98	185.435	7.28	0	-77.21	195.94	8.477884556	15.20362143

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
65.02	127.448	6.98	-0.04	-79.28	193.87	8.56840512	20.43174338		173.02	185.458	7.28	0	-78.12	195.03	8.517441932	15.66635836
65.06	127.468	6.94	-0.04	-82.11	191.04	8.69533448	22.45343055		173.06	185.482	7.22	-0.06	-79.95	193.2	8.598119565	17.42456882
65.1	127.487	6.93	-0.01	-83.68	189.47	8.76738639	23.41009322		173.1	185.505	7.19	-0.03	-83.69	189.46	8.76784915	19.77521075
65.14	127.507	6.94	0.01	-85.36	187.79	8.84582086	24.14598367		173.14	185.529	7.19	0	-80	193.15	8.600345327	17.86338802
65.18	127.526	6.94	0	-86.86	186.29	8.91704708	24.93587952		173.18	185.553	7.19	0	-84.52	188.63	8.806428988	20.20987296
65.22	127.546	6.96	0.02	-86.26	186.89	8.88841939	24.33579455		173.22	185.576	7.22	0.03	-83.58	189.57	8.762761513	19.30531857
65.26	127.566	7	0.04	-83.05	190.1	8.73833088	22.09040961		173.26	185.6	7.3	0.08	-82.19	190.96	8.698977273	17.48833377
65.3	127.585	7.02	0.02	-65.31	207.84	7.99247835	12.95560035		173.3	185.623	7.42	0.12	-72.04	201.11	8.259940828	10.7135714
65.34	127.605	7.03	0.01	-51.62	221.53	7.49856317	6.450234186		173.34	185.647	7.45	0.03	-60.47	212.68	7.810591969	4.725792681
65.38	127.625	7.02	-0.01	-44.86	228.29	7.27651978	3.588562552		173.38	185.671	7.39	-0.06	-50.25	222.9	7.452475101	0.841842085
65.42	127.644	7.03	0.01	-40.67	232.48	7.14537466	1.627818081		173.42	185.694	7.31	-0.08	-40.78	232.37	7.148757155	2.230383203
65.46	127.664	7.02	-0.01	-34.92	238.23	6.97291147	0.673034029		173.46	185.718	7.28	-0.03	-35.04	238.11	6.976425602	4.258772947
65.5	127.684	6.98	-0.04	-31.13	242.02	6.86371663	1.679944311		173.5	185.741	7.34	0.06	-31.33	241.82	6.86939335	6.623880949
65.54	127.703	6.94	-0.04	-27.41	245.74	6.75981403	2.630487808		173.54	185.765	7.31	-0.03	-27.86	245.29	6.772215337	7.637784968
65.58	127.723	6.95	0.01	-29.61	243.54	6.8208783	1.875286414		173.58	185.788	7.22	-0.09	-26	247.15	6.721249039	7.155039833
65.62	127.743	6.94	-0.01	-28.57	244.58	6.79187464	2.157394553		173.62	185.812	7.11	-0.11	-26.75	246.4	6.741707386	5.317649346
65.66	127.762	6.86	-0.08	-30.39	242.76	6.84279412	0.251129546		173.66	185.836	7.11	0	-34.03	239.12	6.946958431	2.319727555
65.7	127.782	6.77	-0.09	-34.77	238.38	6.96852379	2.890030816		173.7	185.859	7.11	0	-52.01	221.14	7.511787555	5.495737835
65.74	127.802	6.74	-0.03	-47.32	225.83	7.355784	8.737137245		173.74	185.883	7.11	0	-58.92	214.23	7.754080661	8.666269723
65.78	127.821	6.77	0.03	-57.8	215.35	7.71375296	13.03188425		173.78	185.906	7.17	0.06	-64.57	208.58	7.964122639	10.49446549
65.82	127.841	6.85	0.08	-64.1	209.05	7.94621717	14.81753289		173.82	185.93	7.28	0.11	-66.88	206.27	8.053312164	10.08669432
65.86	127.861	6.94	0.09	-68.07	205.08	8.10004242	15.42605253		173.86	185.953	7.28	0	-70.3	202.85	8.189088982	11.75362018
65.9	127.88	6.99	0.05	-71.36	201.79	8.23210615	16.31976729		173.9	185.977	7.22	-0.06	-72.81	200.34	8.291687631	13.81780831
65.94	127.9	7.02	0.03	-74.08	199.07	8.34458582	17.24206353		173.94	186.001	7.28	0.06	-75.47	197.68	8.403261331	14.32433354
65.98	127.92	7.02	0	-74.38	198.77	8.35718016	17.39174731		173.98	186.024	7.28	0	-76.58	196.57	8.450713232	14.88442659

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
66.02	127.939	6.98	-0.04	-78.67	194.48	8.54152972	20.12082248		174.02	186.048	7.28	0	-77.99	195.16	8.511768293	15.60013128
66.06	127.959	6.94	-0.04	-82.04	191.11	8.69214955	22.41725672		174.06	186.071	7.22	-0.06	-81.26	191.89	8.656817447	18.09956501
66.1	127.979	6.93	-0.01	-83.57	189.58	8.76229929	23.35284663		174.1	186.095	7.19	-0.03	-83.72	189.43	8.769237713	19.79089154
66.14	127.998	6.94	0.01	-84.62	188.53	8.81110009	23.7583417		174.14	186.119	7.19	0	-81.59	191.56	8.671730528	18.6830879
66.18	128.018	6.94	0	-84.41	188.74	8.80129649	23.64857931		174.18	186.142	7.19	0	-84.91	188.24	8.824674352	20.41470611
66.22	128.038	6.96	0.02	-84.62	188.53	8.81110009	23.47458427		174.22	186.166	7.21	0.02	-85.34	187.81	8.844878867	20.36613145
66.26	128.057	6.99	0.03	-82.45	190.7	8.71083744	21.92032683		174.26	186.189	7.3	0.09	-82.84	190.31	8.728688456	17.82664202
66.3	128.077	7.02	0.03	-70.82	202.33	8.21013542	15.62869127		174.3	186.213	7.42	0.12	-72.45	200.7	8.276814649	10.91705123
66.34	128.097	7.04	0.02	-56.66	216.49	7.67313363	8.606373705		174.34	186.237	7.45	0.03	-61.21	211.94	7.837863074	5.074130669
66.38	128.116	7.02	-0.02	-45.82	227.33	7.30724805	4.009814759		174.38	186.26	7.39	-0.06	-48.75	224.4	7.402659091	0.17115369
66.42	128.136	6.98	-0.04	-40.2	232.95	7.13095815	2.139587461		174.42	186.284	7.29	-0.1	-38.78	234.37	7.087753125	2.813330746
66.46	128.156	6.94	-0.04	-34.31	238.84	6.95510258	0.217379887		174.46	186.308	7.28	-0.01	-35.08	238.07	6.977597765	4.241980165
66.5	128.175	6.93	-0.01	-30.89	242.26	6.85691695	1.060179756		174.5	186.331	7.31	0.03	-29.44	243.71	6.816120389	6.992431006
66.54	128.195	6.94	0.01	-29.76	243.39	6.82508197	1.669703574		174.54	186.355	7.29	-0.02	-27.13	246.02	6.752120559	7.660943209
66.58	128.215	6.96	0.02	-26.69	246.46	6.74006614	3.210697836		174.58	186.378	7.22	-0.07	-25.66	247.49	6.712015435	7.292334227
66.62	128.234	6.94	-0.02	-28.24	244.91	6.78272304	2.292212098		174.62	186.402	7.11	-0.11	-26.33	246.82	6.730235394	5.487834491
66.66	128.254	6.86	-0.08	-30.22	242.93	6.8380056	0.321132905		174.66	186.426	7.11	0	-32.83	240.32	6.91226989	2.820229698
66.7	128.274	6.77	-0.09	-33.52	239.63	6.93217335	2.367118652		174.7	186.449	7.11	0	-51.27	221.88	7.486734721	5.161904065
66.74	128.293	6.74	-0.03	-47.73	225.42	7.3691629	8.918500702		174.74	186.473	7.11	0	-60.28	212.87	7.80362052	9.301839465
66.78	128.313	6.77	0.03	-57.51	215.64	7.70337924	12.89787585		174.78	186.497	7.19	0.08	-64.76	208.39	7.971383944	10.30755433
66.82	128.333	6.85	0.08	-63.71	209.44	7.93142045	14.63215877		174.82	186.52	7.32	0.13	-67.06	206.09	8.060345965	9.627169207
66.86	128.353	6.94	0.09	-68.04	205.11	8.09885769	15.4115121		174.86	186.544	7.31	-0.01	-70.55	202.6	8.199193978	11.46666912
66.9	128.372	6.99	0.05	-69.95	203.2	8.17498376	15.62789356		174.9	186.567	7.26	-0.05	-67.23	205.92	8.067000291	10.53044009
66.94	128.392	7.02	0.03	-72.57	200.58	8.28176638	16.49177417		174.94	186.591	7.32	0.06	-75.91	197.24	8.422007199	14.00084736
66.98	128.412	7.02	0	-74.07	199.08	8.34416667	17.23707762		174.98	186.615	7.34	0.02	-76.35	196.8	8.44083689	13.95156541

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
67.02	128.431	6.98	-0.04	-79.89	193.26	8.59545017	20.74354389		175.02	186.638	7.28	-0.06	-77.86	195.29	8.506102207	15.53394487
67.06	128.451	6.94	-0.04	-82.16	190.99	8.69761087	22.47927621		175.06	186.662	7.22	-0.06	-82.56	190.59	8.715864946	18.77356455
67.1	128.471	6.93	-0.01	-83.49	189.66	8.75860329	23.31123117		175.1	186.686	7.19	-0.03	-83.76	189.39	8.771089815	19.81180274
67.14	128.491	6.94	0.01	-84.79	188.36	8.81905235	23.84727591		175.14	186.709	7.19	0	-83.18	189.97	8.744310681	19.50897923
67.18	128.51	6.94	0	-84.55	188.6	8.8078298	23.72174226		175.18	186.733	7.19	0	-85.3	187.85	8.842995475	20.61992068
67.22	128.53	6.96	0.02	-83.67	189.48	8.76692369	22.97873026		175.22	186.757	7.19	0	-87.1	186.05	8.928549852	21.57203803
67.26	128.55	7	0.04	-81.44	191.71	8.66494549	21.25695862		175.26	186.78	7.3	0.11	-83.49	189.66	8.75860329	18.1660044
67.3	128.569	7.02	0.02	-69.11	204.04	8.14132866	14.7919577		175.3	186.804	7.42	0.12	-72.86	200.29	8.293757552	11.12092443
67.34	128.589	7.02	0	-54.18	218.97	7.58622962	7.753261933		175.34	186.828	7.45	0.03	-61.96	211.19	7.865697713	5.428387537
67.38	128.609	6.99	-0.03	-43.32	229.83	7.22776269	3.344586617		175.38	186.851	7.39	-0.06	-47.24	225.91	7.353179142	0.499496852
67.42	128.628	6.96	-0.03	-38.92	234.23	7.0919895	1.878588047		175.42	186.875	7.28	-0.11	-36.78	236.37	7.027781444	3.52561376
67.46	128.648	6.94	-0.02	-34.64	238.51	6.96472559	0.355642948		175.46	186.898	7.28	0	-35.13	238.02	6.979063524	4.220985136
67.5	128.668	6.93	-0.01	-30.13	243.02	6.83547321	1.373389588		175.5	186.922	7.28	0	-27.55	245.6	6.763667345	7.353245303
67.54	128.688	6.94	0.01	-27.5	245.65	6.76229066	2.593863274		175.54	186.946	7.28	0	-26.4	246.75	6.732144681	7.819721129
67.58	128.707	6.94	0	-25.24	247.91	6.70064419	3.509450307		175.58	186.969	7.22	-0.06	-25.31	247.84	6.702536717	7.433462641
67.62	128.727	6.91	-0.03	-28.62	244.53	6.7932634	1.703778046		175.62	186.993	7.11	-0.11	-25.91	247.24	6.718802378	5.657722354
67.66	128.747	6.84	-0.07	-29.74	243.41	6.82452118	0.226554909		175.66	187.017	7.11	0	-31.63	241.52	6.877926052	3.31820382
67.7	128.766	6.77	-0.07	-33.57	239.58	6.93362009	2.387983382		175.7	187.04	7.11	0	-50.52	222.63	7.461513273	4.824663939
67.74	128.786	6.74	-0.03	-47.4	225.75	7.3583907	8.772500506		175.74	187.064	7.11	0	-61.64	211.51	7.853797456	9.941292757
67.78	128.806	6.77	0.03	-58.07	215.08	7.7234364	13.15680243		175.78	187.088	7.22	0.11	-64.95	208.2	7.978658501	9.983229788
67.82	128.826	6.85	0.08	-63.91	209.24	7.93900162	14.72718244		175.82	187.111	7.36	0.14	-67.23	205.92	8.067000291	9.165751968
67.86	128.845	6.94	0.09	-67.88	205.27	8.09254494	15.33399628		175.86	187.135	7.34	-0.02	-70.79	202.36	8.208918264	11.17657511
67.9	128.865	6.99	0.05	-71.35	201.8	8.23169822	16.31484475		175.9	187.159	7.31	-0.03	-61.64	211.51	7.853797456	7.172312318
67.94	128.885	7.02	0.03	-73.44	199.71	8.31784437	16.92342604		175.94	187.182	7.36	0.05	-76.35	196.8	8.44083689	13.68075498
67.98	128.904	7.02	0	-74.3	198.85	8.35381795	17.35181147		175.98	187.206	7.41	0.05	-76.11	197.04	8.430555725	12.88535254

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
68.02	128.924	6.98	-0.04	-77.82	195.33	8.50436031	19.6890318		176.02	187.23	7.36	-0.05	-81.73	191.42	8.678072824	16.43679809
68.06	128.944	6.94	-0.04	-81.76	191.39	8.67943309	22.27267897		176.06	187.254	7.32	-0.04	-81.22	191.93	8.655013286	16.71376746
68.1	128.964	6.93	-0.01	-83.63	189.52	8.76507334	23.3840684		176.1	187.277	7.28	-0.04	-81.52	191.63	8.668562856	17.41301543
68.14	128.983	6.94	0.01	-84.93	188.22	8.82561205	23.92056894		176.14	187.301	7.28	0	-83.39	189.76	8.753987669	18.38579022
68.18	129.003	6.94	0	-85.6	187.55	8.8571405	24.27199399		176.18	187.325	7.28	0	-83.23	189.92	8.746612784	18.30221774
68.22	129.023	6.96	0.02	-84.44	188.71	8.80269567	23.38046371		176.22	187.348	7.34	0.06	-86.48	186.67	8.898894841	19.19951889
68.26	129.042	7	0.04	-81.91	191.24	8.68624085	21.49961696		176.26	187.372	7.39	0.05	-83.26	189.89	8.747994628	16.82978164
68.3	129.062	7.02	0.02	-61.81	211.34	7.86011498	11.29178077		176.3	187.396	7.51	0.12	-72.73	200.42	8.288377906	9.853896533
68.34	129.082	7.02	0	-50.11	223.04	7.44779726	5.91378561		176.34	187.419	7.53	0.02	-61.3	211.85	7.841192825	4.049039377
68.38	129.102	6.99	-0.03	-46.59	226.56	7.33208289	4.776999191		176.38	187.443	7.49	-0.04	-51.8	221.35	7.504660944	0.195548859
68.42	129.122	6.96	-0.03	-42.55	230.6	7.20362836	3.440197026		176.42	187.467	7.39	-0.1	-41.21	231.94	7.162010434	3.133444239
68.46	129.141	6.94	-0.02	-36.81	236.34	7.02867352	1.269605465		176.46	187.49	7.36	-0.03	-36.35	236.8	7.015019848	4.799717227
68.5	129.161	6.94	0	-30.82	242.33	6.85493624	1.23326059		176.5	187.514	7.36	0	-31.46	241.69	6.873088254	6.841969048
68.54	129.181	6.95	0.01	-28.81	244.34	6.79854588	2.203202035		176.54	187.538	7.34	-0.02	-28.92	244.23	6.801607911	7.614298075
68.58	129.2	6.96	0.01	-27.13	246.02	6.75212056	3.032053865		176.58	187.561	7.21	-0.13	-33.11	240.04	6.920332861	4.099933691
68.62	129.22	6.94	-0.02	-27.99	245.16	6.77580641	2.394224341		176.62	187.585	7.11	-0.1	-37.77	235.38	7.057340046	0.743399311
68.66	129.24	6.86	-0.08	-30.46	242.69	6.84476781	0.222290365		176.66	187.609	7.11	0	-31.38	241.77	6.870813997	3.421632006
68.7	129.26	6.77	-0.09	-33.5	239.65	6.93159483	2.358773965		176.7	187.632	7.08	-0.03	-47.22	225.93	7.352528217	3.776583182
68.74	129.279	6.73	-0.04	-46.55	226.6	7.33078861	8.545589167		176.74	187.656	7.19	0.11	-58.54	214.61	7.740350869	7.372242941
68.78	129.299	6.77	0.04	-58.59	214.56	7.74215464	13.39779883		176.78	187.68	7.22	0.03	-63.39	209.76	7.919320652	9.238468069
68.82	129.319	6.86	0.09	-65.29	207.86	7.99170932	15.24012218		176.82	187.704	7.36	0.14	-66.1	207.05	8.022973678	8.619577615
68.86	129.339	6.94	0.08	-68.83	204.32	8.13017179	15.79506599		176.86	187.727	7.31	-0.05	-71.63	201.52	8.243135669	11.99932527
68.9	129.358	6.94	0	-72.15	201	8.26446119	17.42200762		176.9	187.751	7.28	-0.03	-72.23	200.92	8.267751842	12.70604074
68.94	129.378	6.94	0	-71.95	201.2	8.25624602	17.323305		176.94	187.775	7.36	0.08	-75.14	198.01	8.389256603	13.07054205
68.98	129.398	7.02	0.08	-73.47	199.68	8.31909405	16.93834129		176.98	187.799	7.36	0	-79.17	193.98	8.563546242	15.11656039

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
69.02	129.418	6.98	-0.04	-79.09	194.06	8.56001597	20.33480502		177.02	187.822	7.36	0	-77.45	195.7	8.488281553	14.23853494
69.06	129.437	6.94	-0.04	-81.46	191.69	8.66584955	22.11798266		177.06	187.846	7.28	-0.08	-79.97	193.18	8.599009732	16.61324924
69.1	129.457	6.94	0	-82.95	190.2	8.73373659	22.88843611		177.1	187.87	7.19	-0.09	-84.67	188.48	8.8134375	20.28860987
69.14	129.477	6.94	0	-84.95	188.2	8.82654995	23.93104329		177.14	187.893	7.24	0.05	-82.92	190.23	8.732359249	18.68677289
69.18	129.497	6.94	0	-84.84	188.31	8.82139398	23.87344648		177.18	187.917	7.22	-0.02	-87.88	185.27	8.966139688	21.57573976
69.22	129.517	6.96	0.02	-84.59	188.56	8.80969824	23.458892		177.22	187.941	7.28	0.06	-87.1	186.05	8.928549852	20.34173158
69.26	129.536	7	0.04	-81.5	191.65	8.66765823	21.28790667		177.26	187.965	7.3	0.02	-84.61	188.54	8.810632757	18.7532393
69.3	129.556	7.02	0.02	-64.24	208.91	7.95154229	12.44417272		177.3	187.988	7.45	0.15	-67.78	205.37	8.08860447	8.219585886
69.34	129.576	7.02	0	-51.52	221.63	7.4951798	6.547349886		177.34	188.012	7.53	0.08	-61.3	211.85	7.841192825	4.049039377
69.38	129.595	6.99	-0.03	-45.21	227.94	7.28769281	4.170040885		177.38	188.036	7.41	-0.12	-49.18	223.97	7.416871456	0.092689223
69.42	129.615	6.96	-0.03	-41.36	231.79	7.16664524	2.925609523		177.42	188.06	7.34	-0.07	-36.99	236.16	7.034030742	4.257250644
69.46	129.635	6.94	-0.02	-38.05	235.1	7.06574521	1.795623337		177.46	188.083	7.32	-0.02	-32.75	240.4	6.909969634	5.762912734
69.5	129.655	6.94	0	-31.03	242.12	6.86088179	1.146567401		177.5	188.107	7.36	0.04	-30.5	242.65	6.845896147	7.237894012
69.54	129.675	6.94	0	-29.34	243.81	6.81332472	1.84210411		177.54	188.131	7.36	0	-26.85	246.3	6.74444458	8.728531162
69.58	129.694	6.91	-0.03	-28.91	244.24	6.80132943	1.585120837		177.58	188.154	7.26	-0.1	-26.41	246.74	6.732417525	7.540976741
69.62	129.714	6.85	-0.06	-27.38	245.77	6.75898889	1.337514619		177.62	188.178	7.19	-0.07	-27.78	245.37	6.770007336	6.017083717
69.66	129.734	6.81	-0.04	-30.38	242.77	6.84251225	0.476282369		177.66	188.202	7.11	-0.08	-32.69	240.46	6.908245446	2.878456574
69.7	129.754	6.77	-0.04	-33.89	239.26	6.9428935	2.521619597		177.7	188.226	7.11	0	-44.8	228.35	7.274607839	2.28866634
69.74	129.773	6.75	-0.02	-48.3	224.85	7.3878439	9.023213166		177.74	188.249	7.11	0	-59.19	213.96	7.763865676	8.792141735
69.78	129.793	6.77	0.02	-59.29	213.86	7.76749603	13.72307891		177.78	188.273	7.22	0.11	-63.26	209.89	7.914415646	9.176642991
69.82	129.813	6.84	0.07	-65.95	207.2	8.01716554	15.84643501		177.82	188.297	7.36	0.14	-66.88	206.27	8.053312164	8.996277456
69.86	129.833	6.94	0.1	-68.45	204.7	8.11507914	15.61040137		177.86	188.321	7.3	-0.06	-71.96	201.19	8.256656394	12.29899755
69.9	129.852	7.02	0.08	-72.43	200.72	8.27598994	16.42247336		177.9	188.344	7.28	-0.02	-73.64	199.51	8.326182647	13.40728442
69.94	129.872	7.05	0.03	-72.56	200.59	8.28135351	16.06320677		177.94	188.368	7.32	0.04	-75.26	197.89	8.394343827	13.67341633
69.98	129.892	7.02	-0.03	-75	198.15	8.3833293	17.70174837		177.98	188.392	7.36	0.04	-76.16	196.99	8.432695568	13.5847052

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
70.02	129.912	6.98	-0.04	-79.3	193.85	8.56928914	20.44195238		178.02	188.416	7.36	0	-80.22	192.93	8.610152387	15.65611093
70.06	129.932	6.94	-0.04	-80.6	192.55	8.62714464	21.67571095		178.06	188.439	7.32	-0.04	-81.19	191.96	8.653660658	16.69824703
70.1	129.952	6.93	-0.01	-83.28	189.87	8.7489161	23.20206434		178.1	188.463	7.28	-0.04	-81.13	192.02	8.650956671	17.21122842
70.14	129.971	6.94	0.01	-84.82	188.33	8.82045718	23.86297752		178.14	188.487	7.28	0	-82.73	190.42	8.723646151	18.04146551
70.18	129.991	6.94	0	-86.14	187.01	8.8827159	24.55603589		178.18	188.511	7.28	0	-83.4	189.75	8.754449012	18.39101563
70.22	130.011	6.96	0.02	-84.19	188.96	8.79104943	23.24987217		178.22	188.534	7.28	0	-86.93	186.22	8.92039899	20.25134062
70.26	130.031	7	0.04	-82.17	190.98	8.69806629	21.63408229		178.26	188.558	7.36	0.08	-83.85	189.3	8.775259905	17.54244943
70.3	130.05	7.02	0.02	-62.76	210.39	7.89560673	11.74081278		178.3	188.582	7.51	0.15	-73.48	199.67	8.319510693	10.22786754
70.34	130.07	7.02	0	-42.27	230.88	7.19489215	2.460689113		178.34	188.606	7.53	0.02	-61.77	211.38	7.85862759	4.271044811
70.38	130.09	6.99	-0.03	-42.91	230.24	7.21489185	3.166400059		178.38	188.63	7.49	-0.04	-52.03	221.12	7.512466986	0.299510557
70.42	130.11	6.96	-0.03	-37.58	235.57	7.05164792	1.308167581		178.42	188.653	7.36	-0.13	-42.53	230.62	7.203003642	2.156098584
70.46	130.13	6.94	-0.02	-33.94	239.21	6.94434472	0.062584416		178.46	188.677	7.36	0	-37.29	235.86	7.042977614	4.40217842
70.5	130.149	6.94	0	-30.86	242.29	6.85606794	1.21675343		178.5	188.701	7.42	0.06	-32.35	240.8	6.898491279	7.284408822
70.54	130.169	6.94	0	-29.14	244.01	6.80774026	1.924094302		178.54	188.725	7.42	0	-29	244.15	6.803836576	8.663814729
70.58	130.189	6.91	-0.03	-27.08	246.07	6.75074857	2.33151839		178.58	188.748	7.3	-0.12	-26.78	246.37	6.742528311	7.939762364
70.62	130.209	6.85	-0.06	-28.15	245	6.78023143	1.023732749		178.62	188.772	7.19	-0.11	-29.12	244.03	6.807182314	5.469924986
70.66	130.229	6.81	-0.04	-30.22	242.93	6.8380056	0.4103984		178.66	188.796	7.19	0	-35.46	237.69	6.988752998	2.838712296
70.7	130.248	6.77	-0.04	-33.85	239.3	6.94173297	2.50490542		178.7	188.82	7.19	0	-51.19	221.96	7.484036313	4.007572376
70.74	130.268	6.75	-0.02	-47.73	225.42	7.3691629	8.770532651		178.74	188.844	7.19	0	-59.79	213.36	7.785698819	7.955539519
70.78	130.288	6.77	0.02	-57.65	215.5	7.70838376	12.9625485		178.78	188.867	7.24	0.05	-65.89	207.26	8.01484464	10.15866969
70.82	130.308	6.85	0.08	-65.45	207.7	7.99786567	15.46169257		178.82	188.891	7.36	0.12	-68.6	204.55	8.121030066	9.83177557
70.86	130.328	6.94	0.09	-68.79	204.36	8.12858045	15.77561271		178.86	188.915	7.34	-0.02	-71.43	201.72	8.23496282	11.49232689
70.9	130.347	6.99	0.05	-71.09	202.06	8.22110611	16.18693734		178.9	188.939	7.28	-0.06	-74.41	198.74	8.358441683	13.79218856
70.94	130.367	7.02	0.03	-71.99	201.16	8.25788775	16.20495937		178.94	188.963	7.36	0.08	-77.02	196.13	8.469671646	14.02014737
70.98	130.387	7.02	0	-76.62	196.53	8.45243322	18.51593988		178.98	188.986	7.36	0	-79.37	193.78	8.572384663	15.21912367

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
71.02	130.407	6.98	-0.04	-79.25	193.9	8.56707942	20.41643166		179.02	189.01	7.36	0	-79.65	193.5	8.584789147	15.36287669
71.06	130.427	6.94	-0.04	-81.02	192.13	8.64600375	21.89148386		179.06	189.034	7.28	-0.08	-81.9	191.25	8.685786667	17.60998936
71.1	130.447	6.93	-0.01	-83.17	189.98	8.74385041	23.1449243		179.1	189.058	7.28	0	-84.05	189.1	8.784540984	18.73120415
71.14	130.466	6.94	0.01	-84.82	188.33	8.82045718	23.86297752		179.14	189.081	7.28	0	-85.55	187.6	8.854779851	19.52031407
71.18	130.486	6.94	0	-86.15	187	8.88319091	24.56130271		179.18	189.105	7.28	0	-86.61	186.54	8.905096494	20.08139395
71.22	130.506	6.95	0.01	-85.07	188.08	8.83218152	23.85198163		179.22	189.129	7.28	0	-86.55	186.6	8.902233119	20.04955814
71.26	130.526	6.97	0.02	-79.64	193.51	8.58434551	20.75748556		179.26	189.153	7.32	0.04	-83.14	190.01	8.74246987	17.71172032
71.3	130.546	6.98	0.01	-63.09	210.06	7.90801057	12.46654903		179.3	189.177	7.45	0.13	-68.62	204.53	8.121824182	8.628715228
71.34	130.565	6.98	0	-46.76	226.39	7.33758867	4.995096347		179.34	189.2	7.53	0.08	-52.16	220.99	7.516886284	0.174304707
71.38	130.585	6.96	-0.02	-43.17	229.98	7.22304853	3.709336896		179.38	189.224	7.43	-0.1	-42.86	230.29	7.213325372	2.959363698
71.42	130.605	6.95	-0.01	-38.68	234.47	7.08473024	1.91995486		179.42	189.248	7.34	-0.09	-35.44	237.71	6.988164991	4.911096561
71.46	130.625	6.94	-0.01	-34.34	238.81	6.9559763	0.22994137		179.46	189.272	7.28	-0.06	-33.09	240.06	6.919756311	5.073941851
71.5	130.645	6.94	0	-31.38	241.77	6.870814	1.001910579		179.5	189.296	7.36	0.08	-28.11	245.04	6.779124633	8.216567608
71.54	130.665	6.94	0	-29.28	243.87	6.81164842	1.866708293		179.54	189.32	7.32	-0.04	-25.48	247.67	6.70713732	8.73824311
71.58	130.684	6.91	-0.03	-27.54	245.61	6.76339196	2.144428208		179.58	189.343	7.24	-0.08	-23.99	249.16	6.667028014	8.240034971
71.62	130.704	6.85	-0.06	-28.15	245	6.78023143	1.023732749		179.62	189.367	7.11	-0.13	-27.41	245.74	6.759814031	5.049613039
71.66	130.724	6.81	-0.04	-30.06	243.09	6.83350487	0.344557721		179.66	189.391	7.11	0	-34.39	238.76	6.957432987	2.169081069
71.7	130.744	6.77	-0.04	-34.15	239	6.95044644	2.630329039		179.7	189.415	7.11	0	-50.8	222.35	7.470909377	4.950437147
71.74	130.764	6.75	-0.02	-47.85	225.3	7.37308788	8.823677768		179.74	189.439	7.11	0	-59.18	213.97	7.763502827	8.7874771
71.78	130.784	6.77	0.02	-56.61	216.54	7.67136187	12.48305916		179.78	189.462	7.19	0.08	-64.07	209.08	7.945077004	9.97784159
71.82	130.803	6.85	0.08	-65.04	208.11	7.98210898	15.26565079		179.82	189.486	7.34	0.15	-67.03	206.12	8.059172812	9.340408355
71.86	130.823	6.94	0.09	-68.71	204.44	8.12539963	15.73671668		179.86	189.51	7.28	-0.06	-70.3	202.85	8.189088982	11.75362018
71.9	130.843	6.99	0.05	-71.41	201.74	8.23414643	16.34438334		179.9	189.534	7.28	0	-73.86	199.29	8.335374078	13.51711554
71.94	130.863	7	0.01	-72.78	200.37	8.29044617	16.87911732		179.94	189.558	7.28	0	-76.7	196.45	8.455875286	14.94515259
71.98	130.883	6.99	-0.01	-76.74	196.41	8.45759737	19.00097908		179.98	189.582	7.34	0.06	-77.76	195.39	8.50174881	14.66692628

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
72.02	130.903	6.98	-0.01	-79.19	193.96	8.56442926	20.38581458		180.02	189.605	7.31	-0.03	-80.23	192.92	8.610598694	16.33856514
72.06	130.922	6.94	-0.04	-81.44	191.71	8.66494549	22.10767723		180.06	189.629	7.28	-0.03	-81.96	191.19	8.688512475	17.64112314
72.1	130.942	6.93	-0.01	-83.06	190.09	8.73879057	23.0878135		180.1	189.653	7.28	0	-83.35	189.8	8.752142782	18.36489111
72.14	130.962	6.94	0.01	-84.83	188.32	8.82092555	23.86821188		180.14	189.677	7.28	0	-83.9	189.25	8.777578336	18.65260507
72.18	130.982	6.94	0	-86.16	186.99	8.88366597	24.56656978		180.18	189.701	7.28	0	-85.05	188.1	8.831242424	19.25664556
72.22	131.002	6.94	0	-85.96	187.19	8.87417437	24.46127535		180.22	189.725	7.28	0	-85.43	187.72	8.849119433	19.45697581
72.26	131.022	6.94	0	-77.11	196.04	8.47355999	19.89884218		180.26	189.748	7.34	0.06	-80.45	192.7	8.620429165	16.0450468
72.3	131.042	6.94	0	-63.43	209.72	7.92083111	13.20021876		180.3	189.772	7.48	0.14	-72.42	200.73	8.275577642	10.09899681
72.34	131.061	6.94	0	-51.24	221.91	7.48572259	7.565965404		180.34	189.796	7.53	0.05	-61.08	212.07	7.833058424	3.94528766
72.38	131.081	6.94	0	-43.43	229.72	7.23122366	4.11007081		180.38	189.82	7.47	-0.06	-48.98	224.17	7.410254271	0.803020266
72.42	131.101	6.94	0	-39.78	233.37	7.11812444	2.534113827		180.42	189.844	7.36	-0.11	-38.17	234.98	7.069353562	4.02854413
72.46	131.121	6.94	0	-34.74	238.41	6.96764691	0.397578555		180.46	189.868	7.36	0	-35.35	237.8	6.985520185	5.220860731
72.5	131.141	6.95	0.01	-31.89	241.26	6.88533822	0.934733573		180.5	189.892	7.36	0	-29.1	244.05	6.806624462	7.812383808
72.54	131.161	6.94	-0.01	-29.42	243.73	6.81556107	1.809289024		180.54	189.915	7.36	0	-28.24	244.91	6.782723041	8.163589957
72.58	131.18	6.9	-0.04	-28.01	245.14	6.77635922	1.808094898		180.58	189.939	7.3	-0.06	-26.35	246.8	6.730780794	8.113863572
72.62	131.2	6.85	-0.05	-28.14	245.01	6.7799547	1.027814191		180.62	189.963	7.19	-0.11	-28.68	244.47	6.794930666	5.6499291
72.66	131.22	6.81	-0.04	-29.89	243.26	6.82872934	0.274649384		180.66	189.987	7.19	0	-30.44	242.71	6.844203782	4.927906464
72.7	131.24	6.77	-0.04	-34.45	238.7	6.95918182	2.755908119		180.7	190.011	7.19	0	-51.18	221.97	7.483699149	4.003068968
72.74	131.26	6.75	-0.02	-47.97	225.18	7.37701705	8.876849949		180.74	190.035	7.19	0	-59.53	213.62	7.776222732	7.833943707
72.78	131.28	6.77	0.02	-55.58	217.57	7.63504481	12.01030367		180.78	190.059	7.28	0.09	-65.55	207.6	8.001718208	9.445511274
72.82	131.3	6.85	0.08	-64.62	208.53	7.96603223	15.06519706		180.82	190.082	7.36	0.08	-67.05	206.1	8.059954876	9.078559333
72.86	131.319	6.94	0.09	-68.63	204.52	8.1222213	15.69783467		180.86	190.106	7.36	0	-71.44	201.71	8.235371077	11.22603717
72.9	131.339	6.98	0.04	-71.74	201.41	8.24763765	16.64917019		180.9	190.13	7.36	0	-72.21	200.94	8.266928934	11.60725742
72.94	131.359	6.97	-0.01	-73.58	199.57	8.32367941	17.70246877		180.94	190.154	7.36	0	-74.16	198.99	8.3479406	12.57886855
72.98	131.379	6.95	-0.02	-76.86	196.29	8.46276784	19.63006072		180.98	190.178	7.36	0	-75.96	197.19	8.424142705	13.48369341

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
73.02	131.399	6.94	-0.01	-79.14	194.01	8.56222205	20.9288971		181.02	190.202	7.36	0	-79.14	194.01	8.56222205	15.10118433
73.06	131.419	6.94	0	-81.88	191.27	8.68487844	22.33461784		181.06	190.226	7.36	0	-82.59	190.56	8.717237091	16.88395939
73.1	131.439	6.94	0	-83.1	190.05	8.74062983	22.96629476		181.1	190.249	7.36	0	-81.32	191.83	8.6595251	16.22426498
73.14	131.459	6.94	0	-84.21	188.94	8.79197999	23.54414377		181.14	190.273	7.36	0	-84.2	188.95	8.791514686	17.72607355
73.18	131.479	6.94	0	-85.39	187.76	8.84723424	24.16172721		181.18	190.297	7.36	0	-84.23	188.92	8.792910756	17.74182719
73.22	131.498	6.94	0	-85.39	187.76	8.84723424	24.16172721		181.22	190.321	7.36	0	-86.63	186.52	8.906051362	19.00954728
73.26	131.518	6.94	0	-82.3	190.85	8.70399109	22.551676		181.26	190.345	7.39	0.03	-83.33	189.82	8.75122063	16.86639023
73.3	131.538	6.94	0	-70.25	202.9	8.18707097	16.48793707		181.3	190.369	7.56	0.17	-72.94	200.21	8.297071575	9.296440031
73.34	131.558	6.94	0	-56.19	216.96	7.65651134	9.817569718		181.34	190.393	7.62	0.06	-62.09	211.06	7.8705425	3.234780186
73.38	131.578	6.94	0	-45	228.15	7.28098488	4.795517066		181.38	190.417	7.51	-0.11	-53.37	219.78	7.558270543	0.640691221
73.42	131.598	6.94	0	-38.78	234.37	7.08775313	2.106582916		181.42	190.441	7.45	-0.06	-44.45	228.7	7.263474858	2.535432913
73.46	131.618	6.94	0	-34.7	238.45	6.96647809	0.380802206		181.46	190.464	7.45	0	-37.7	235.45	7.055241877	5.442971942
73.5	131.637	6.95	0.01	-30.13	243.02	6.83547321	1.661557585		181.5	190.488	7.45	0	-32.33	240.82	6.897918362	7.695633942
73.54	131.657	6.94	-0.01	-28.61	244.54	6.79298561	2.141040537		181.54	190.512	7.42	-0.03	-29.14	244.01	6.807740257	8.606563409
73.58	131.677	6.9	-0.04	-26.19	246.96	6.72642007	2.54769677		181.58	190.536	7.32	-0.1	-27.03	246.12	6.749377133	8.111558337
73.62	131.697	6.85	-0.05	-28.89	244.26	6.80077254	0.721240683		181.62	190.56	7.22	-0.1	-28.54	244.61	6.791041658	6.123147048
73.66	131.717	6.81	-0.04	-30.76	242.39	6.85323941	0.632930541		181.66	190.584	7.19	-0.03	-33.09	240.06	6.919756311	3.830593288
73.7	131.737	6.77	-0.04	-34.27	238.88	6.95393796	2.680541999		181.7	190.608	7.19	0	-46.92	226.23	7.342778146	2.102531871
73.74	131.757	6.75	-0.02	-47.91	225.24	7.37505194	8.850260474		181.74	190.632	7.19	0	-59.61	213.54	7.779135993	7.871342655
73.78	131.777	6.77	0.02	-57.27	215.88	7.69481518	12.78709979		181.78	190.656	7.26	0.07	-64.39	208.76	7.9572557	9.164013723
73.82	131.797	6.85	0.08	-64.69	208.46	7.96870719	15.09858009		181.82	190.679	7.39	0.13	-68.14	205.01	8.102808156	9.20179413
73.86	131.817	6.94	0.09	-68.95	204.2	8.13494956	15.85344687		181.86	190.703	7.36	-0.03	-69.43	203.72	8.154116925	10.23734614
73.9	131.836	6.98	0.04	-71.16	201.99	8.22395515	16.36357296		181.9	190.727	7.36	0	-72.82	200.33	8.292101532	11.91024132
73.94	131.856	6.97	-0.01	-74.08	199.07	8.34458582	17.95132875		181.94	190.751	7.36	0	-73.28	199.87	8.311185771	12.13929545
73.98	131.876	6.94	-0.03	-75.05	198.1	8.38544523	18.86333752		181.98	190.775	7.45	0.09	-76.08	197.07	8.42927234	12.33396996

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
74.02	131.896	6.94	0	-78.77	194.38	8.54592396	20.74043457		182.02	190.799	7.39	-0.06	-78.59	194.56	8.538017578	14.41507171
74.06	131.916	6.94	0	-81.61	191.54	8.672636	22.19530389		182.06	190.823	7.36	-0.03	-80.76	192.39	8.634319351	15.93464934
74.1	131.936	6.94	0	-82.29	190.86	8.70353505	22.54650303		182.1	190.847	7.34	-0.02	-81.59	191.56	8.671730528	16.63443593
74.14	131.956	6.94	0	-84.66	188.49	8.81296992	23.77926103		182.14	190.871	7.33	-0.01	-84.97	188.18	8.827488043	18.53614918
74.18	131.976	6.94	0	-86.01	187.14	8.87654537	24.4875897		182.18	190.895	7.34	0.01	-86.46	186.69	8.897941507	19.18890404
74.22	131.996	6.94	0	-85.7	187.45	8.86186556	24.32454012		182.22	190.919	7.37	0.03	-87.74	185.41	8.959369505	19.46639158
74.26	132.016	6.94	0	-82.14	191.01	8.69670017	22.46893722		182.26	190.943	7.44	0.07	-84.06	189.09	8.785005553	16.57941563
74.3	132.035	6.94	0	-60.51	212.64	7.81206123	11.82290687		182.3	190.967	7.58	0.14	-74.89	198.26	8.378677999	10.00932532
74.34	132.055	6.94	0	-47.92	225.23	7.37537939	6.082680425		182.34	190.99	7.62	0.04	-63.91	209.24	7.939001625	4.100541058
74.38	132.075	6.94	0	-43.74	229.41	7.24099516	4.245049915		182.38	191.014	7.52	-0.1	-52.8	220.35	7.538718856	0.248611539
74.42	132.095	6.94	0	-38.89	234.26	7.09108128	2.153522943		182.42	191.038	7.45	-0.07	-42.08	231.07	7.188976068	3.566150131
74.46	132.115	6.94	0	-33.83	239.32	6.94115285	0.016610288		182.46	191.062	7.45	0	-36.75	236.4	7.026889594	5.845321999
74.5	132.135	6.93	-0.01	-31.56	241.59	6.87593319	0.783240171		182.5	191.086	7.45	0	-31.5	241.65	6.874225947	8.039164637
74.54	132.155	6.94	0.01	-29.34	243.81	6.81332472	1.84210411		182.54	191.11	7.42	-0.03	-27.7	245.45	6.767800774	9.19380299
74.58	132.175	6.94	0	-27.54	245.61	6.76339196	2.577581341		182.58	191.134	7.32	-0.1	-25.96	247.19	6.720161414	8.544610963
74.62	132.195	6.85	-0.09	-29.1	244.05	6.80662446	0.635230732		182.62	191.158	7.22	-0.1	-27.68	245.47	6.767249358	6.473762353
74.66	132.215	6.8	-0.05	-30.9	242.25	6.8572	0.837653399		182.66	191.182	7.19	-0.03	-33.15	240	6.92148625	3.805605522
74.7	132.235	6.77	-0.03	-34.38	238.77	6.9571416	2.726592413		182.7	191.206	7.19	0	-46.91	226.24	7.342453589	2.098112176
74.74	132.254	6.75	-0.02	-48.19	224.96	7.38423142	8.974402642		182.74	191.23	7.19	0	-58.42	214.73	7.736025241	7.316418567
74.78	132.274	6.77	0.02	-59.15	214	7.76241449	13.65794358		182.78	191.254	7.29	0.1	-64.18	208.97	7.949259224	8.652116407
74.82	132.294	6.85	0.08	-66.12	207.03	8.02374873	15.78282319		182.82	191.278	7.42	0.13	-67.12	206.03	8.062693297	8.302086527
74.86	132.314	6.94	0.09	-68.2	204.95	8.10518029	15.48908375		182.86	191.301	7.39	-0.03	-69.49	203.66	8.156519199	9.860975166
74.9	132.334	7	0.06	-70.61	202.54	8.20162289	15.80913956		182.9	191.326	7.36	-0.03	-72.63	200.52	8.284244464	11.81577629
74.94	132.354	7.02	0.02	-72.2	200.95	8.26651754	16.3087183		182.94	191.349	7.41	0.05	-72.79	200.36	8.290859952	11.22053129
74.98	132.374	7.02	0	-76.09	197.06	8.42970009	18.24889911		182.98	191.373	7.45	0.04	-76.14	197.01	8.431839501	12.36430453

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
75.02	132.394	6.98	-0.04	-78.77	194.38	8.54592396	20.17173299		183.02	191.397	7.41	-0.04	-78.04	195.11	8.513949567	13.86527334
75.06	132.414	6.94	-0.04	-81.5	191.65	8.66765823	22.13859639		183.06	191.421	7.35	-0.06	-78.93	194.22	8.552964164	15.12880431
75.1	132.434	6.89	-0.05	-83.42	189.73	8.75537184	23.84566967		183.1	191.445	7.31	-0.04	-81.86	191.29	8.683970411	17.18110483
75.14	132.454	6.85	-0.04	-84.11	189.04	8.78732914	24.7782613		183.14	191.469	7.29	-0.02	-85.73	187.42	8.863284068	19.47943293
75.18	132.474	6.85	0	-86.33	186.82	8.89174981	25.94056997		183.18	191.493	7.31	0.02	-88.69	184.46	9.005511764	20.78404636
75.22	132.494	6.88	0.03	-85.31	187.84	8.84346625	24.97497965		183.22	191.517	7.38	0.07	-88.85	184.3	9.013329897	19.92676176
75.26	132.514	6.91	0.03	-82.43	190.72	8.70992397	23.04651387		183.26	191.541	7.49	0.11	-84.8	188.35	8.819520573	16.30361319
75.3	132.534	6.94	0.03	-64.66	208.49	7.96756055	13.78576395		183.3	191.565	7.59	0.1	-76.84	196.31	8.461905659	10.86357817
75.34	132.553	6.95	0.01	-49.99	223.16	7.44379235	6.8611848		183.34	191.589	7.62	0.03	-65.73	207.42	8.008662135	4.973709604
75.38	132.573	6.95	0	-42.07	231.08	7.18866496	3.376060825		183.38	191.613	7.53	-0.09	-52.23	220.92	7.519268061	0.142624068
75.42	132.593	6.94	-0.01	-37.97	235.18	7.0633417	1.761603743		183.42	191.637	7.45	-0.08	-39.7	233.45	7.115685157	4.590444445
75.46	132.613	6.94	0	-34.25	238.9	6.9533558	0.192261648		183.46	191.661	7.45	0	-35.79	237.36	6.998469414	6.250220332
75.5	132.633	6.95	0.01	-29.96	243.19	6.83069493	1.731481188		183.5	191.685	7.45	0	-30.67	242.48	6.850695727	8.38147016
75.54	132.653	6.94	-0.01	-29.19	243.96	6.80913551	1.903603115		183.54	191.709	7.42	-0.03	-26.25	246.9	6.728054678	9.781490639
75.58	132.673	6.9	-0.04	-28.91	244.24	6.80132943	1.440306511		183.58	191.733	7.32	-0.1	-24.9	248.25	6.691467069	8.971693362
75.62	132.693	6.85	-0.05	-28.07	245.08	6.7780182	1.056379597		183.62	191.757	7.22	-0.1	-26.81	246.34	6.743349436	6.827166597
75.66	132.713	6.81	-0.04	-30.43	242.72	6.8439218	0.496879994		183.66	191.781	7.19	-0.03	-33.21	239.94	6.923217054	3.78061139
75.7	132.733	6.77	-0.04	-34.02	239.13	6.94666792	2.575959734		183.7	191.805	7.19	0	-46.9	226.25	7.342129061	2.093692674
75.74	132.753	6.75	-0.02	-48.16	224.99	7.38324681	8.961094636		183.74	191.829	7.19	0	-57.22	215.93	7.69303339	6.759823448
75.78	132.773	6.77	0.02	-60.51	212.64	7.81206123	14.29237217		183.78	191.853	7.32	0.13	-63.96	209.19	7.940899183	8.137124492
75.82	132.793	6.85	0.08	-65.21	207.94	7.9886347	15.3468931		183.82	191.877	7.45	0.13	-66.1	207.05	8.022973678	7.406122311
75.86	132.813	6.94	0.09	-69.74	203.41	8.16654393	16.23857756		183.86	191.901	7.41	-0.04	-69.55	203.6	8.158922888	9.620741183
75.9	132.833	6.98	0.04	-71.15	202	8.22354802	16.35865547		183.9	191.925	7.36	-0.05	-72.44	200.71	8.276402272	11.72139545
75.94	132.853	6.97	-0.01	-71.74	201.41	8.24763765	16.79153734		183.94	191.949	7.45	0.09	-72.3	200.85	8.270633308	10.44020673
75.98	132.873	6.94	-0.03	-74.9	198.25	8.37910063	18.78831748		183.98	191.973	7.45	0	-76.21	196.94	8.434836498	12.39970583

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
76.02	132.893	6.9	-0.04	-79.61	193.54	8.58301488	21.7401442		184.02	191.996	7.45	0	-77.95	195.2	8.510024078	13.28348971
76.06	132.912	6.85	-0.05	-81.44	191.71	8.66494549	23.39609239		184.06	192.021	7.39	-0.06	-80.83	192.32	8.637462042	15.56655744
76.1	132.933	6.85	0	-83.44	189.71	8.75629487	24.42981998		184.1	192.045	7.36	-0.03	-83.04	190.11	8.737871232	17.11867628
76.14	132.952	6.85	0	-84.2	188.95	8.79151469	24.82514929		184.14	192.068	7.36	0	-84.72	188.43	8.81577615	17.99945965
76.18	132.972	6.85	0	-85.94	187.21	8.87322632	25.73551104		184.18	192.093	7.37	0.01	-88.79	184.36	9.010396507	20.02877655
76.22	132.992	6.87	0.02	-86.04	187.11	8.87796857	25.50130279		184.22	192.117	7.39	0.02	-91.08	182.07	9.12372549	20.99738779
76.26	133.012	6.91	0.04	-83.67	189.48	8.76692369	23.6898989		184.26	192.14	7.44	0.05	-85.37	187.78	8.846291937	17.26963931
76.3	133.032	6.94	0.03	-70.03	203.12	8.17820353	16.38029972		184.3	192.165	7.53	0.09	-71.88	201.27	8.253374571	9.166285298
76.34	133.052	6.95	0.01	-51.36	221.79	7.48977276	7.476194634		184.34	192.189	7.62	0.09	-64.55	208.6	7.96335906	4.406740024
76.38	133.072	6.95	0	-38.52	234.63	7.07989899	1.851745191		184.38	192.212	7.53	-0.09	-47.87	225.28	7.373742454	2.096890048
76.42	133.092	6.94	-0.01	-36.48	236.67	7.01887311	1.130078536		184.42	192.237	7.45	-0.08	-36.52	236.63	7.020059587	5.942482969
76.46	133.112	6.94	0	-33.02	240.13	6.91773914	0.321276919		184.46	192.261	7.43	-0.02	-31.15	242	6.864283884	7.915277467
76.5	133.132	6.94	0	-31.14	242.01	6.86400025	1.101126495		184.5	192.285	7.45	0.02	-28.05	245.1	6.777465116	9.454036657
76.54	133.152	6.94	0	-28.17	244.98	6.78078496	2.320786142		184.54	192.309	7.39	-0.06	-21.85	251.3	6.610253482	11.13903429
76.58	133.172	6.91	-0.03	-26.92	246.23	6.74636194	2.396510326		184.58	192.333	7.3	-0.09	-23.23	249.92	6.646753761	9.367717391
76.62	133.192	6.85	-0.06	-27.8	245.35	6.7705592	1.166483662		184.62	192.357	7.19	-0.11	-25.53	247.62	6.70849164	6.928929729
76.66	133.212	6.8	-0.05	-29.96	243.19	6.83069493	0.45037953		184.66	192.381	7.15	-0.04	-32.9	240.25	6.914283871	3.351981959
76.7	133.232	6.76	-0.04	-33.36	239.79	6.92754785	2.448179267		184.7	192.405	7.19	0.04	-46.84	226.31	7.340182493	2.067179722
76.74	133.252	6.75	-0.01	-47.7	225.45	7.3681823	8.757250598		184.74	192.429	7.19	0	-58.92	214.23	7.754080661	7.549218634
76.78	133.272	6.77	0.02	-57.11	216.04	7.68911637	12.7133131		184.78	192.453	7.26	0.07	-64.63	208.52	7.966414253	9.278799868
76.82	133.292	6.82	0.05	-65.36	207.79	7.99440156	15.85486332		184.82	192.477	7.42	0.16	-67.21	205.94	8.066216859	8.345703346
76.86	133.312	6.88	0.06	-69.37	203.78	8.15171607	16.92043757		184.86	192.501	7.39	-0.03	-69.9	203.25	8.172972694	10.06199406
76.9	133.332	6.92	0.04	-72.64	200.51	8.28465762	17.95052091		184.9	192.525	7.36	-0.03	-72.32	200.83	8.271456954	11.66182981
76.94	133.352	6.93	0.01	-74.37	198.78	8.35675973	18.66660769		184.94	192.549	7.42	0.06	-74.96	198.19	8.381637318	12.17136298
76.98	133.372	6.94	0.01	-76.96	196.19	8.4670814	19.8231107		184.98	192.573	7.45	0.03	-76.67	196.48	8.454584182	12.63263686

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
77.02	133.392	6.9	-0.04	-79.46	193.69	8.57636791	21.66358305		185.02	192.597	7.47	0.02	-78.45	194.7	8.531878274	13.27192041
77.06	133.412	6.85	-0.05	-81.36	191.79	8.66133114	23.35494132		185.06	192.621	7.36	-0.11	-80.59	192.56	8.626696614	15.84688375
77.1	133.432	6.85	0	-83.59	189.56	8.76322378	24.50773534		185.1	192.645	7.36	0	-82.97	190.18	8.734655064	17.08213141
77.14	133.452	6.85	0	-84.23	188.92	8.79291076	24.84078297		185.14	192.669	7.36	0	-84.32	188.83	8.797101626	17.78910177
77.18	133.472	6.85	0	-86.03	187.12	8.87749412	25.78279929		185.18	192.693	7.36	0	-84.19	188.96	8.791049428	17.72082285
77.22	133.492	6.88	0.03	-86.2	186.95	8.88556673	25.44236771		185.22	192.717	7.36	0	-86.78	186.37	8.913219402	19.08927009
77.26	133.512	6.92	0.04	-83.49	189.66	8.75860329	23.45366173		185.26	192.741	7.43	0.07	-84.07	189.08	8.785470171	16.71823459
77.3	133.532	6.97	0.05	-71.94	201.21	8.25583569	16.89018219		185.3	192.765	7.6	0.17	-72.13	201.02	8.263638941	8.366793317
77.34	133.552	7.01	0.04	-55.81	217.34	7.6431246	8.641496129		185.34	192.789	7.62	0.02	-55.09	218.06	7.617888196	0.027717805
77.38	133.572	7.01	0	-42.49	230.66	7.20175453	2.698534232		185.38	192.813	7.53	-0.09	-43.65	229.5	7.238155556	3.95234792
77.42	133.592	6.98	-0.03	-36.65	236.5	7.02391839	0.627230065		185.42	192.837	7.45	-0.08	-37.62	235.53	7.052845497	5.476918342
77.46	133.612	6.94	-0.04	-32.49	240.66	6.90250436	0.541746436		185.46	192.861	7.45	0	-32.4	240.75	6.899923988	7.666605244
77.5	133.632	6.94	0	-27.47	245.68	6.76146491	2.606072962		185.5	192.885	7.45	0	-29.52	243.63	6.818358577	8.85373633
77.54	133.652	6.94	0	-28.62	244.53	6.7932634	2.136951611		185.54	192.909	7.45	0	-26.18	246.97	6.72614771	10.2122566
77.58	133.672	6.92	-0.02	-26.44	246.71	6.73323619	2.73581749		185.58	192.933	7.31	-0.14	-24.57	248.58	6.682583876	8.967837951
77.62	133.692	6.85	-0.07	-27.18	245.97	6.75349311	1.418854559		185.62	192.957	7.22	-0.09	-26.75	246.4	6.741707386	6.851491732
77.66	133.712	6.76	-0.09	-30.72	242.43	6.85210865	1.353334039		185.66	192.981	7.19	-0.03	-33.33	239.82	6.926681261	3.730604016
77.7	133.732	6.68	-0.08	-34.68	238.47	6.96589382	4.190180971		185.7	193.005	7.19	0	-46.04	227.11	7.314326538	1.71433727
77.74	133.752	6.7	0.02	-47.7	225.45	7.3681823	9.499198798		185.74	193.029	7.21	0.02	-58.54	214.61	7.740350869	7.094828391
77.78	133.772	6.77	0.07	-59.26	213.89	7.76640656	13.709118		185.78	193.054	7.33	0.12	-63.96	209.19	7.940899183	8.000827918
77.82	133.792	6.86	0.09	-65.38	207.77	7.9951711	15.28317775		185.82	193.078	7.47	0.14	-65.54	207.61	8.001332787	6.868610413
77.86	133.812	6.94	0.08	-69.37	203.78	8.15171607	16.05802893		185.86	193.102	7.45	-0.02	-71.62	201.53	8.242726641	10.10310903
77.9	133.832	6.97	0.03	-70.43	202.72	8.19434047	16.1476257		185.9	193.126	7.45	0	-73.69	199.46	8.328269829	11.13265064
77.94	133.852	6.96	-0.01	-73.58	199.57	8.32367941	17.84490991		185.94	193.15	7.43	-0.02	-75.13	198.02	8.388832946	12.12267617
77.98	133.872	6.94	-0.02	-76.27	196.88	8.43740705	19.4754167		185.98	193.174	7.49	0.06	-75.79	197.36	8.4168864	11.65390105

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
78.02	133.892	6.89	-0.05	-79.33	193.82	8.57061552	21.74060298		186.02	193.198	7.51	0.02	-80.37	192.78	8.616851852	13.72681863
78.06	133.912	6.85	-0.04	-81.22	191.93	8.65501329	23.28296342		186.06	193.222	7.45	-0.06	-80.98	192.17	8.64420409	14.8401758
78.1	133.932	6.85	0	-83.54	189.61	8.76091293	24.48175754		186.1	193.246	7.45	0	-83.87	189.28	8.77618713	16.34625707
78.14	133.952	6.85	0	-84.37	188.78	8.79943161	24.9137689		186.14	193.27	7.45	0	-83.45	189.7	8.756756458	16.12607015
78.18	133.972	6.86	0.01	-85.65	187.5	8.8595024	25.4397671		186.18	193.294	7.45	0	-86.09	187.06	8.880341602	17.51759561
78.22	133.992	6.88	0.02	-85.46	187.69	8.85053386	25.05361708		186.22	193.318	7.47	0.02	-85.99	187.16	8.875596816	17.19847652
78.26	134.012	6.91	0.03	-82.78	190.37	8.72593739	23.22773928		186.26	193.342	7.52	0.05	-83.25	189.9	8.747533965	15.09182606
78.3	134.032	6.96	0.05	-67.2	205.95	8.0658252	14.7189946		186.3	193.366	7.69	0.17	-74.21	198.94	8.350038705	8.229889183
78.34	134.052	7	0.04	-54.64	218.51	7.6021999	8.248070886		186.34	193.39	7.76	0.07	-63.96	209.19	7.940899183	2.304316211
78.38	134.072	7.02	0.02	-41.97	231.18	7.18555541	2.330854466		186.38	193.415	7.66	-0.1	-54.91	218.24	7.611605114	0.633789127
78.42	134.092	7	-0.02	-35.7	237.45	6.9958168	0.059777811		186.42	193.439	7.53	-0.13	-46.19	226.96	7.319160645	2.839747781
78.46	134.112	6.96	-0.04	-32.9	240.25	6.91428387	0.659005242		186.46	193.463	7.53	0	-39.13	234.02	7.09835356	5.901504072
78.5	134.132	6.94	-0.02	-29.58	243.57	6.82003818	1.743626237		186.5	193.487	7.53	0	-33.72	239.43	6.937963914	8.184096798
78.54	134.152	6.92	-0.02	-27.12	246.03	6.75184612	2.459856295		186.54	193.511	7.53	0	-29.71	243.44	6.823680168	9.841654881
78.58	134.173	6.89	-0.03	-24.65	248.5	6.68473521	3.024217939		186.58	193.535	7.41	-0.12	-28.25	244.9	6.783	8.835341365
78.62	134.193	6.81	-0.08	-27.9	245.25	6.77331988	0.540075956		186.62	193.559	7.3	-0.11	-31.9	241.25	6.885623627	5.84220171
78.66	134.213	6.74	-0.07	-30.94	242.21	6.85833244	1.740396322		186.66	193.583	7.28	-0.02	-36.22	236.93	7.01117081	3.762171674
78.7	134.233	6.68	-0.06	-35.01	238.14	6.97554674	4.32859618		186.7	193.607	7.28	0	-48.06	225.09	7.37996668	1.36380501
78.74	134.253	6.68	0	-47.64	225.51	7.3662219	9.77091067		186.74	193.631	7.28	0	-60.45	212.7	7.809857546	7.022697785
78.78	134.273	6.73	0.05	-59.18	213.97	7.76350283	14.26160176		186.78	193.655	7.36	0.08	-64.09	209.06	7.94583708	7.655080571
78.82	134.293	6.81	0.08	-64.87	208.28	7.97559391	15.76661606		186.82	193.679	7.51	0.15	-66.63	206.52	8.043563335	6.860978719
78.86	134.313	6.9	0.09	-69.13	204.02	8.14212675	16.51530761		186.86	193.704	7.45	-0.06	-71.7	201.45	8.246	10.14271152
78.9	134.333	6.94	0.04	-69.94	203.21	8.17458147	16.33629711		186.9	193.728	7.45	0	-71.56	201.59	8.240273327	10.07341696
78.94	134.353	6.95	0.01	-72.72	200.43	8.28796438	17.56093325		186.94	193.752	7.45	0	-74.49	198.66	8.361807611	11.5332495
78.98	134.373	6.94	-0.01	-75.2	197.95	8.39179944	18.93840902		186.98	193.776	7.52	0.07	-76.6	196.55	8.451573137	11.66538986

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
79.02	134.393	6.88	-0.06	-79.19	193.96	8.56442926	21.8127745		187.02	193.8	7.45	-0.07	-78.74	194.41	8.544605216	13.68718016
79.06	134.413	6.85	-0.03	-81.07	192.08	8.64825437	23.20589571		187.06	193.824	7.43	-0.02	-79.21	193.94	8.565312468	14.19556473
79.1	134.433	6.85	0	-83.49	189.66	8.75860329	24.45578576		187.1	193.848	7.35	-0.08	-83.37	189.78	8.753065128	17.42606289
79.14	134.453	6.85	0	-84.52	188.63	8.80642899	24.99202072		187.14	193.872	7.36	0.01	-85.21	187.94	8.838760775	18.25770249
79.18	134.473	6.86	0.01	-85.27	187.88	8.84158346	25.24055568		187.18	193.896	7.41	0.05	-84.65	188.5	8.812502387	17.2908267
79.22	134.493	6.88	0.02	-84.72	188.43	8.81577615	24.66620487		187.22	193.92	7.45	0.04	-86.29	186.86	8.889846409	17.62374472
79.26	134.513	6.9	0.02	-82.08	191.07	8.69396923	23.00850027		187.26	193.945	7.48	0.03	-83.05	190.1	8.738330878	15.51739064
79.3	134.533	6.94	0.04	-62.47	210.68	7.88473847	12.74543181		187.3	193.969	7.59	0.11	-74.13	199.02	8.346682243	9.496107552
79.34	134.553	6.99	0.05	-53.46	219.69	7.56136693	7.853103135		187.34	193.993	7.68	0.09	-60.83	212.32	7.823835249	1.855479581
79.38	134.574	7.02	0.03	-41.44	231.71	7.16911959	2.101886424		187.38	194.017	7.59	-0.09	-49.92	223.23	7.441458137	1.976413217
79.42	134.594	7.02	0	-34.75	238.4	6.96793918	0.744367294		187.42	194.041	7.45	-0.14	-38.76	234.39	7.087148343	4.992061014
79.46	134.614	6.98	-0.04	-33.31	239.84	6.92610365	0.775146639		187.46	194.065	7.45	0	-34.04	239.11	6.947248965	6.983987515
79.5	134.634	6.94	-0.04	-31.7	241.45	6.87992007	0.869468614		187.5	194.089	7.45	0	-29.7	243.45	6.823399877	8.779970135
79.54	134.654	6.91	-0.03	-25.63	247.52	6.71120192	2.91895059		187.54	194.113	7.45	0	-25.51	247.64	6.707949847	10.48245207
79.58	134.674	6.85	-0.06	-22.85	250.3	6.6366628	3.163676566		187.58	194.138	7.31	-0.14	-26.36	246.79	6.731053527	8.246481955
79.62	134.694	6.77	-0.08	-28.62	244.53	6.7932634	0.343035486		187.62	194.162	7.24	-0.07	-27.77	245.38	6.769731437	6.713455788
79.66	134.714	6.71	-0.06	-31.16	241.99	6.86456754	2.277310767		187.66	194.186	7.19	-0.05	-33.55	239.6	6.933041319	3.638857599
79.7	134.734	6.68	-0.03	-35.34	237.81	6.98522644	4.467199173		187.7	194.21	7.19	0	-46.89	226.26	7.341804561	2.089273366
79.74	134.754	6.67	-0.01	-47.59	225.56	7.36458902	9.898245282		187.74	194.234	7.22	0.03	-59.57	213.58	7.77767909	7.436871885
79.78	134.774	6.68	0.01	-59.1	214.05	7.76060126	14.9661533		187.78	194.258	7.28	0.06	-64.53	208.62	7.962595628	8.95642245
79.82	134.794	6.76	0.08	-64.36	208.79	7.95611236	16.25581991		187.82	194.282	7.45	0.17	-67.31	205.84	8.070135542	7.991367607
79.86	134.814	6.85	0.09	-68.89	204.26	8.13255997	17.12070534		187.86	194.306	7.36	-0.09	-70.11	203.04	8.181425827	10.57079108
79.9	134.834	6.91	0.06	-69.46	203.69	8.15531789	16.53224837		187.9	194.331	7.36	0	-71.37	201.78	8.232514124	11.19144889
79.94	134.854	6.93	0.02	-71.86	201.29	8.25255452	17.42202896		187.94	194.355	7.39	0.03	-76.83	196.32	8.461474633	13.51892689
79.98	134.875	6.94	0.01	-74.13	199.02	8.34668224	18.4040228		187.98	194.379	7.45	0.06	-76.68	196.47	8.455014506	12.63770625

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
80.02	134.895	6.89	-0.05	-79.16	193.99	8.5631048	21.65396302		188.02	194.403	7.45	0	-79.67	193.48	8.585676556	14.16437344
80.06	134.915	6.85	-0.04	-81.54	191.61	8.66946767	23.44755255		188.06	194.427	7.45	0	-81.34	191.81	8.660428028	15.02664021
80.1	134.935	6.84	-0.01	-83.38	189.77	8.75352637	24.54257399		188.1	194.451	7.45	0	-83.7	189.45	8.768311956	16.25707977
80.14	134.955	6.85	0.01	-84.7	188.45	8.81484054	25.08599479		188.14	194.475	7.45	0	-84.23	188.92	8.792910756	16.53534611
80.18	134.975	6.87	0.02	-86.24	186.91	8.8874683	25.60650305		188.18	194.5	7.45	0	-82.74	190.41	8.724104301	15.75486688
80.22	134.995	6.9	0.03	-85.11	188.04	8.83406031	24.58437642		188.22	194.524	7.45	0	-84.14	189.01	8.788723877	16.48804287
80.26	135.015	6.92	0.02	-82	191.15	8.69033063	22.68152639		188.26	194.548	7.49	0.04	-82.65	190.5	8.719982677	15.17561988
80.3	135.035	6.94	0.02	-62.12	211.03	7.87166138	12.58010633		188.3	194.572	7.69	0.2	-74.39	198.76	8.357600624	8.320254716
80.34	135.055	6.95	0.01	-50.7	222.45	7.46755091	7.179456671		188.34	194.596	7.7	0.01	-63.26	209.89	7.914415646	2.746380667
80.38	135.075	6.94	-0.01	-42.05	231.1	7.18804284	3.511354565		188.38	194.62	7.62	-0.08	-51.14	222.01	7.482350795	1.822884488
80.42	135.096	6.91	-0.03	-36.88	236.27	7.03075591	1.732415596		188.42	194.644	7.53	-0.09	-43.06	230.09	7.219595376	4.208991723
80.46	135.116	6.87	-0.04	-33.23	239.92	6.92379418	0.77997657		188.46	194.669	7.51	-0.02	-36.91	236.24	7.031648747	6.579051128
80.5	135.136	6.85	-0.02	-29.09	244.06	6.80634557	0.639328128		188.5	194.693	7.53	0.02	-31.57	241.58	6.876217816	9.076388991
80.54	135.156	6.87	0.02	-28.31	244.84	6.78466223	1.249943355		188.54	194.717	7.49	-0.04	-28.39	244.76	6.786879801	9.849774029
80.58	135.176	6.85	-0.02	-28.93	244.22	6.80188641	0.704863557		188.58	194.741	7.41	-0.08	-27.33	245.82	6.757614108	9.209537854
80.62	135.196	6.77	-0.08	-28.34	244.81	6.78549365	0.228595853		188.62	194.765	7.3	-0.11	-29.33	243.82	6.813045279	6.900774582
80.66	135.216	6.71	-0.06	-29.21	243.94	6.80969378	1.474793421		188.66	194.789	7.28	-0.02	-34.66	238.49	6.965309657	4.418160798
80.7	135.236	6.68	-0.03	-35.5	237.65	6.98992931	4.534468333		188.7	194.814	7.28	0	-46.6	226.55	7.332406533	0.717288185
80.74	135.256	6.67	-0.01	-48.42	224.73	7.39178881	10.26596008		188.74	194.838	7.28	0	-60.35	212.8	7.8061875	6.975751826
80.78	135.276	6.68	0.01	-59.47	213.68	7.77403922	15.13817973		188.78	194.862	7.36	0.08	-65.6	207.55	8.003645868	8.378816773
80.82	135.296	6.76	0.08	-64.88	208.27	7.97597686	16.50351203		188.82	194.886	7.53	0.17	-66.93	206.22	8.055264766	6.740530542
80.86	135.317	6.85	0.09	-69.44	203.71	8.15451721	17.3883263		188.86	194.91	7.47	-0.06	-72.5	200.65	8.278877149	10.27218819
80.9	135.337	6.91	0.06	-70.8	202.35	8.20932394	17.18759316		188.9	194.934	7.45	-0.02	-73.37	199.78	8.314929923	10.97283562
80.94	135.357	6.93	0.02	-73.52	199.63	8.32117768	18.24354431		188.94	194.959	7.48	0.03	-76.03	197.12	8.427134233	11.90829497
80.98	135.377	6.94	0.01	-75.92	197.23	8.42243421	19.2994703		188.98	194.983	7.53	0.05	-79.28	193.87	8.568405117	12.9007204

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
81.02	135.397	6.89	-0.05	-79.22	193.93	8.56575414	21.6845341		189.02	195.007	7.53	0	-78.95	194.2	8.553845005	12.73134633
81.06	135.417	6.85	-0.04	-81.21	191.94	8.65456236	23.27782392		189.06	195.031	7.5	-0.03	-80.33	192.82	8.615064309	13.83878199
81.1	135.437	6.85	0	-83.32	189.83	8.75075963	24.36752661		189.1	195.055	7.45	-0.05	-84.48	188.67	8.804561934	16.66685253
81.14	135.457	6.85	0	-83.55	189.6	8.761375	24.48695262		189.14	195.079	7.45	0	-84.73	188.42	8.816244029	16.79851878
81.18	135.477	6.87	0.02	-84.93	188.22	8.82561205	24.91922002		189.18	195.104	7.45	0	-87.15	186	8.93095	18.08136891
81.22	135.498	6.9	0.03	-85.6	187.55	8.8571405	24.84131555		189.22	195.128	7.45	0	-84.4	188.75	8.800830199	16.6247531
81.26	135.518	6.92	0.02	-82.64	190.51	8.71952496	23.01252709		189.26	195.152	7.48	0.03	-78.91	194.24	8.552083505	13.37422556
81.3	135.538	6.94	0.02	-63.9	209.25	7.93862222	13.42358462		189.3	195.176	7.65	0.17	-71.17	201.98	8.224362313	7.236351316
81.34	135.558	6.95	0.01	-51.67	221.48	7.50025601	7.615865143		189.34	195.2	7.7	0.05	-63.56	209.59	7.925744072	2.889386524
81.38	135.578	6.95	0	-40.53	232.62	7.14107428	2.711990305		189.38	195.225	7.58	-0.12	-49.21	223.94	7.417865053	2.162107024
81.42	135.598	6.91	-0.04	-30.41	242.74	6.84335791	0.969102769		189.42	195.249	7.45	-0.13	-41.05	232.1	7.157073244	4.010752199
81.46	135.618	6.87	-0.04	-26.88	246.27	6.74526617	1.832264271		189.46	195.273	7.45	0	-33.94	239.21	6.944344718	7.025749235
81.5	135.638	6.85	-0.02	-30.83	242.32	6.85521913	0.076162689		189.5	195.297	7.53	0.08	-31.05	242.1	6.861448575	9.290953882
81.54	135.659	6.87	0.02	-28.68	244.47	6.79493067	1.098715178		189.54	195.321	7.45	-0.08	-26.83	246.32	6.743896963	9.949389354
81.58	135.679	6.85	-0.02	-25.85	247.3	6.71717226	1.958075523		189.58	195.346	7.34	-0.11	-25.06	248.09	6.695782579	9.179643778
81.62	135.699	6.77	-0.08	-29.17	243.98	6.80857734	0.568208899		189.62	195.37	7.28	-0.06	-27.65	245.5	6.766422403	7.312575145
81.66	135.719	6.71	-0.06	-30.89	242.26	6.85691695	2.165811869		189.66	195.394	7.22	-0.06	-33.63	239.52	6.935356964	4.021700573
81.7	135.739	6.68	-0.03	-34.69	238.46	6.96618594	4.194372616		189.7	195.418	7.19	-0.03	-47.07	226.08	7.347649947	2.168850502
81.74	135.759	6.67	-0.01	-46.44	226.71	7.32723171	9.390881276		189.74	195.442	7.19	0	-59.52	213.63	7.775858728	7.829269785
81.78	135.78	6.68	0.01	-61.1	212.05	7.83379722	15.89931567		189.78	195.467	7.32	0.13	-64.55	208.6	7.96335906	8.419079312
81.82	135.8	6.77	0.09	-65.25	207.9	7.99017172	16.53329975		189.82	195.491	7.45	0.13	-67.57	205.58	8.080341959	8.117554153
81.86	135.82	6.85	0.08	-68.22	204.93	8.10597131	16.79558327		189.86	195.515	7.41	-0.04	-71.9	201.25	8.254194783	10.77865533
81.9	135.84	6.89	0.04	-70.26	202.89	8.18747449	17.21076688		189.9	195.539	7.36	-0.05	-74.13	199.02	8.346682243	12.56385311
81.94	135.86	6.88	-0.01	-74.05	199.1	8.34332848	19.22481644		189.94	195.563	7.45	0.09	-77.75	195.4	8.501313715	13.18153143
81.98	135.88	6.85	-0.03	-75.39	197.76	8.39986195	20.32624241		189.98	195.588	7.45	0	-78.82	194.33	8.548122781	13.72814543

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
82.02	135.9	6.86	0.01	-76.57	196.58	8.45028335	20.77405505		190.02	195.612	7.45	0	-78.41	194.74	8.530125809	13.51836427
82.06	135.92	6.85	-0.01	-80.8	192.35	8.63611489	23.0673078		190.06	195.636	7.45	0	-82.37	190.78	8.707184715	15.56192787
82.1	135.941	6.85	0	-82.91	190.24	8.73190023	24.15495162		190.1	195.66	7.42	-0.03	-84.48	188.67	8.804561934	17.06748002
82.14	135.961	6.85	0	-84.27	188.88	8.79477287	24.86163126		190.14	195.684	7.36	-0.06	-84.44	188.71	8.802695671	17.8521665
82.18	135.981	6.87	0.02	-85.82	187.33	8.86754231	25.38569576		190.18	195.709	7.45	0.09	-80.99	192.16	8.644653934	14.845351
82.22	136.001	6.9	0.03	-85.26	187.89	8.84111289	24.66296887		190.22	195.733	7.45	0	-83.25	189.9	8.747533965	16.02137669
82.26	136.021	6.92	0.02	-82.43	190.72	8.70992397	22.90380907		190.26	195.757	7.47	0.02	-82.66	190.49	8.720440443	15.44665134
82.3	136.041	6.94	0.02	-65.65	207.5	8.00557446	14.2593978		190.3	195.781	7.62	0.15	-74.66	198.49	8.368969218	9.368574139
82.34	136.061	6.94	0	-57.19	215.96	7.69196472	10.27838339		190.34	195.806	7.7	0.08	-62.7	210.45	7.893355666	2.479975068
82.38	136.082	6.93	-0.01	-35.51	237.64	6.99022345	0.865265525		190.38	195.83	7.58	-0.12	-52.37	220.78	7.524036145	0.741045041
82.42	136.102	6.94	0.01	-34.31	238.84	6.95510258	0.217379887		190.42	195.854	7.48	-0.1	-41.69	231.46	7.176862957	4.1364519
82.46	136.122	6.94	0	-32.01	241.14	6.88876462	0.740997238		190.46	195.878	7.51	0.03	-35.68	237.47	6.995227608	7.097749945
82.5	136.142	6.85	-0.09	-27.52	245.63	6.76284127	1.280537002		190.5	195.903	7.53	0.02	-30.13	243.02	6.835473212	9.669389621
82.54	136.162	6.82	-0.03	-27.75	245.4	6.76917971	0.747952334		190.54	195.927	7.53	0	-27.36	245.79	6.758438911	10.79979546
82.58	136.182	6.77	-0.05	-28.58	244.57	6.79215235	0.326678958		190.58	195.951	7.43	-0.1	-26.51	246.64	6.735147178	9.810739178
82.62	136.203	6.68	-0.09	-26.22	246.93	6.72723727	0.704653356		190.62	195.975	7.36	-0.07	-28.73	244.42	6.796320678	7.963641617
82.66	136.223	6.77	0.09	-27.57	245.58	6.76421818	0.085440068		190.66	196	7.28	-0.08	-34.1	239.05	6.948992679	4.652575598
82.7	136.243	6.63	-0.14	-35.13	238.02	6.97906352	5.129868392		190.7	196.024	7.28	0	-46.4	226.75	7.32593914	0.629047398
82.74	136.263	6.59	-0.04	-47.89	225.26	7.37439714	11.23424281		190.74	196.048	7.28	0	-60.87	212.28	7.825309497	7.220103593
82.78	136.283	6.68	0.09	-58.83	214.32	7.75082447	14.84079403		190.78	196.072	7.36	0.08	-66.14	207.01	8.024523936	8.638862519
82.82	136.303	6.78	0.1	-64.26	208.89	7.9523036	15.91473589		190.82	196.096	7.53	0.17	-66.75	206.4	8.048239826	6.653381016
82.86	136.324	6.85	0.07	-67.86	205.29	8.09175654	16.62129263		190.86	196.121	7.49	-0.04	-72.91	200.24	8.295828506	10.20951806
82.9	136.344	6.9	0.05	-71.86	201.29	8.25255452	17.85249505		190.9	196.145	7.45	-0.04	-74.94	198.21	8.380791585	11.75925512
82.94	136.364	6.92	0.02	-74.21	198.94	8.35003871	18.7299945		190.94	196.169	7.53	0.08	-74.61	198.54	8.36686159	10.52863906
82.98	136.384	6.94	0.02	-75.51	197.64	8.40496205	19.0937201		190.98	196.193	7.6	0.07	-75.41	197.74	8.40071154	10.00844917

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
83.02	136.404	6.89	-0.05	-79.29	193.86	8.56884711	21.72021102		191.02	196.218	7.53	-0.07	-80.51	192.64	8.623114099	13.53440695
83.06	136.425	6.85	-0.04	-79.5	193.65	8.57813943	22.40243466		191.06	196.242	7.53	0	-82.78	190.37	8.725937385	14.71385324
83.1	136.445	6.85	0	-83.46	189.69	8.75721809	24.44020557		191.1	196.266	7.53	0	-80.54	192.61	8.624457193	13.54990985
83.14	136.465	6.85	0	-85.37	187.78	8.84629194	25.43647819		191.14	196.29	7.53	0	-84.86	188.29	8.822330979	15.80607658
83.18	136.485	6.87	0.02	-85.94	187.21	8.87322632	25.44873944		191.18	196.315	7.53	0	-86.53	186.62	8.90127907	16.69108125
83.22	136.505	6.89	0.02	-85.9	187.25	8.87133084	25.14166933		191.22	196.339	7.53	0	-87.36	185.79	8.941044728	17.13363968
83.26	136.525	6.91	0.02	-82.8	190.35	8.72685422	23.23810392		191.26	196.363	7.56	0.03	-85.18	187.97	8.837350109	15.57995774
83.3	136.546	6.94	0.03	-63.15	210	7.91027	13.06737184		191.3	196.387	7.73	0.17	-75.64	197.51	8.410494152	8.432135296
83.34	136.566	6.97	0.03	-57.17	215.98	7.69125243	9.838892471		191.34	196.412	7.79	0.06	-64.47	208.68	7.96030621	2.162576501
83.38	136.586	6.99	0.02	-46.72	226.43	7.33629245	4.834362464		191.38	196.436	7.66	-0.13	-55.3	217.85	7.625231581	0.454928255
83.42	136.606	6.99	0	-36.03	237.12	7.00555288	0.222254665		191.42	196.46	7.56	-0.1	-45.95	227.2	7.311429137	3.342931744
83.46	136.626	6.94	-0.05	-33.74	239.41	6.9385435	0.020989194		191.46	196.484	7.58	0.02	-38.65	234.5	7.083823881	6.767349682
83.5	136.646	6.85	-0.09	-29.7	243.45	6.82339988	0.389078407		191.5	196.509	7.62	0.04	-33.6	239.55	6.934488416	9.419933764
83.54	136.667	6.8	-0.05	-26.42	246.73	6.73269039	0.994770556		191.54	196.533	7.55	-0.07	-29.68	243.47	6.822839364	10.11853841
83.58	136.687	6.77	-0.03	-26.1	247.05	6.72396964	0.682235983		191.58	196.557	7.45	-0.1	-28.28	244.87	6.783831012	9.360361059
83.62	136.707	6.74	-0.03	-28.5	244.65	6.78993133	0.738086975		191.62	196.582	7.36	-0.09	-30.57	242.58	6.84787163	7.209079352
83.66	136.727	6.71	-0.03	-30.74	242.41	6.85267398	2.103921134		191.66	196.606	7.32	-0.04	-33.96	239.19	6.944925373	5.258697358
83.7	136.747	6.68	-0.03	-36.24	236.91	7.01176269	4.846164838		191.7	196.63	7.28	-0.04	-55.72	217.43	7.639960907	4.825225873
83.74	136.768	6.67	-0.01	-47.76	225.39	7.37014375	9.973455589		191.74	196.654	7.28	0	-61.41	211.74	7.845266364	7.474464922
83.78	136.788	6.7	0.03	-58.8	214.35	7.74973968	14.52953066		191.78	196.679	7.39	0.11	-66.19	206.96	8.026462601	8.256921421
83.82	136.808	6.77	0.07	-64.95	208.2	7.9786585	16.39008051		191.82	196.703	7.53	0.14	-68.15	205	8.103203415	7.333153666
83.86	136.828	6.85	0.08	-68.14	205.01	8.10280816	16.75682778		191.86	196.727	7.49	-0.04	-72	201.15	8.258298285	9.75722292
83.9	136.848	6.9	0.05	-72.38	200.77	8.27392887	18.10907228		191.9	196.752	7.45	-0.04	-73.09	200.06	8.303292512	10.83319581
83.94	136.869	6.91	0.01	-74.08	199.07	8.34458582	18.80858439		191.94	196.776	7.51	0.06	-76.65	196.5	8.453723664	11.82335255
83.98	136.889	6.91	0	-76.23	196.92	8.43569317	19.88431748		191.98	196.8	7.53	0.02	-79.98	193.17	8.599454884	13.26089309

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
84.02	136.909	6.87	-0.04	-79.03	194.12	8.55737018	21.87502035		192.02	196.824	7.53	0	-80.69	192.46	8.631178946	13.62745812
84.06	136.929	6.85	-0.02	-82.21	190.94	8.69988845	23.79294814		192.06	196.849	7.45	-0.08	-82.32	190.83	8.704903317	15.53588149
84.1	136.95	6.85	0	-83.06	190.09	8.73879057	24.23267622		192.1	196.873	7.45	0	-85.04	188.11	8.830772952	16.96200735
84.14	136.97	6.85	0	-84.87	188.28	8.82279955	25.1748202		192.14	196.897	7.45	0	-85.64	187.51	8.859029918	17.27913831
84.18	136.99	6.84	-0.01	-86.28	186.87	8.88937069	26.0578853		192.18	196.922	7.45	0	-85.93	187.22	8.872752377	17.43275085
84.22	137.01	6.85	0.01	-85.43	187.72	8.84911943	25.46791802		192.22	196.946	7.45	0	-85.83	187.32	8.868015695	17.37975648
84.26	137.03	6.89	0.04	-83.29	189.86	8.74937691	23.77814564		192.26	196.97	7.47	0.02	-84.87	188.28	8.822799554	16.6061032
84.3	137.05	6.94	0.05	-60.02	213.13	7.79410078	11.59352438		192.3	196.995	7.65	0.18	-74.23	198.92	8.350878243	8.760497166
84.34	137.071	6.97	0.03	-50.94	222.21	7.47561631	7.000273274		192.34	197.019	7.7	0.05	-59.17	213.98	7.763140013	0.816651896
84.38	137.091	6.98	0.01	-43.54	229.61	7.23468795	3.583447629		192.38	197.043	7.6	-0.1	-45.58	227.57	7.299541679	4.033121649
84.42	137.111	6.97	-0.01	-37.08	236.07	7.03671242	0.95257779		192.42	197.067	7.53	-0.07	-35.4	237.75	6.986989274	7.481037773
84.46	137.131	6.94	-0.03	-32.49	240.66	6.90250436	0.541746436		192.46	197.092	7.53	0	-32.93	240.22	6.915147365	8.512929907
84.5	137.152	6.9	-0.04	-29.03	244.12	6.8046727	1.391164899		192.5	197.116	7.53	0	-29.46	243.69	6.816679798	9.944045757
84.54	137.172	6.85	-0.05	-26.42	246.73	6.73269039	1.727339817		192.54	197.14	7.51	-0.02	-26.24	246.91	6.727782188	10.98791654
84.58	137.192	6.8	-0.05	-26.41	246.74	6.73241752	0.998823386		192.58	197.165	7.41	-0.1	-24.4	248.75	6.678016884	10.39157067
84.62	137.212	6.75	-0.05	-28.13	245.02	6.77967799	0.438709414		192.62	197.189	7.28	-0.13	-28.15	245	6.780231429	7.108966506
84.66	137.232	6.71	-0.04	-30.48	242.67	6.84533193	1.99673358		192.66	197.213	7.28	0	-31.93	241.22	6.886479977	5.555650011
84.7	137.253	6.68	-0.03	-34.62	238.53	6.96414162	4.165034714		192.7	197.238	7.28	0	-54.62	218.53	7.601504141	4.320855449
84.74	137.273	6.68	0	-48.51	224.64	7.39475027	10.15648951		192.74	197.262	7.28	0	-60.6	212.55	7.81536909	7.093156669
84.78	137.293	6.73	0.05	-61.37	211.78	7.84378459	15.28476809		192.78	197.286	7.36	0.08	-65.98	207.17	8.018326495	8.561744288
84.82	137.313	6.8	0.07	-63.38	209.77	7.91894313	15.20412326		192.82	197.31	7.53	0.17	-68.62	204.53	8.121824182	7.562366857
84.86	137.334	6.85	0.05	-66.12	207.03	8.02374873	15.78282319		192.86	197.335	7.51	-0.02	-72.19	200.96	8.26610619	9.585460204
84.9	137.354	6.85	0	-70.58	202.57	8.20040825	17.94513785		192.9	197.359	7.51	0	-73.31	199.84	8.312433447	10.142984
84.94	137.374	6.91	0.06	-74.16	198.99	8.3479406	18.8484231		192.94	197.383	7.56	0.05	-76.45	196.7	8.445128114	11.06055644
84.98	137.394	6.88	-0.03	-76.98	196.17	8.46794464	20.69260317		192.98	197.408	7.62	0.06	-79.03	194.12	8.557370183	11.58865962

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
85.02	137.415	6.85	-0.03	-78.77	194.38	8.54592396	22.0308176		193.02	197.432	7.62	0	-80.53	192.62	8.624009449	12.36159646
85.06	137.435	6.85	0	-81.05	192.1	8.64735398	23.19562403		193.06	197.456	7.56	-0.06	-82.21	190.94	8.699888447	14.02086429
85.1	137.455	6.85	0	-83.96	189.19	8.78036207	24.70015808		193.1	197.481	7.53	-0.03	-84.16	188.99	8.78965395	15.43726299
85.14	137.475	6.85	0	-86.29	186.86	8.88984641	25.91952114		193.14	197.505	7.59	0.06	-85.91	187.24	8.871804636	15.57307554
85.18	137.496	6.85	0	-86.5	186.65	8.89984838	26.03007127		193.18	197.529	7.56	-0.03	-87.1	186.05	8.928549852	16.6000026
85.22	137.516	6.85	0	-83.25	189.9	8.74753397	24.33120478		193.22	197.554	7.56	0	-88.33	184.82	8.987970458	17.25855701
85.26	137.536	6.9	0.05	-76.01	197.14	8.42627929	19.9171536		193.26	197.578	7.64	0.08	-86.36	186.79	8.8931779	15.1595526
85.3	137.556	6.94	0.04	-64.45	208.7	7.95954336	13.68556524		193.3	197.602	7.79	0.15	-77.63	195.52	8.496096052	8.671151752
85.34	137.577	6.95	0.01	-49.77	223.38	7.43646119	6.762763697		193.34	197.627	7.85	0.06	-66.62	206.53	8.043173873	2.430903665
85.38	137.597	6.95	0	-39.17	233.98	7.09956706	2.129134035		193.38	197.651	7.73	-0.12	-56.92	216.23	7.682359987	0.618205297
85.42	137.617	6.94	-0.01	-36.78	236.37	7.02778144	1.2569132		193.42	197.675	7.62	-0.11	-47.78	225.37	7.370797799	3.32473567
85.46	137.637	6.94	0	-33.2	239.95	6.92292853	0.246289566		193.46	197.7	7.62	0	-40.74	232.41	7.147526785	6.398813049
85.5	137.658	6.94	0	-31.23	241.92	6.86655382	1.063932123		193.5	197.724	7.65	0.03	-35.99	237.16	7.004371311	8.811414367
85.54	137.678	6.85	-0.09	-27.96	245.19	6.77497736	1.101251525		193.54	197.748	7.62	-0.03	-31.76	241.39	6.881630142	10.18326699
85.58	137.698	6.83	-0.02	-27.74	245.41	6.76890388	0.898544845		193.58	197.773	7.47	-0.15	-29.57	243.58	6.81975819	9.100809139
85.62	137.718	6.77	-0.06	-28.48	244.67	6.7893763	0.285799322		193.62	197.797	7.45	-0.02	-31.41	241.74	6.871666667	8.076341208
85.66	137.739	6.68	-0.09	-30.22	242.93	6.8380056	2.337705768		193.66	197.821	7.39	-0.06	-39.82	233.33	7.119344705	3.730772141
85.7	137.759	6.68	0	-35.12	238.03	6.97877032	4.374776294		193.7	197.846	7.38	-0.01	-48.48	224.67	7.393762852	0.186314784
85.74	137.779	6.66	-0.02	-48.06	225.09	7.37996668	10.25595995		193.74	197.87	7.39	0.01	-61.91	211.24	7.863835921	6.212678879
85.78	137.799	6.71	0.05	-60.01	213.14	7.7937351	14.94422086		193.78	197.894	7.45	0.06	-65.91	207.24	8.015618124	7.314523343
85.82	137.82	6.77	0.06	-63.2	209.95	7.91215385	15.55839638		193.82	197.919	7.62	0.17	-68.6	204.55	8.121030066	6.365912064
85.86	137.84	6.83	0.06	-66.79	206.36	8.04979986	16.39537998		193.86	197.943	7.56	-0.06	-74.24	198.91	8.351298075	9.946367302
85.9	137.86	6.85	0.02	-71.17	201.98	8.22436231	18.23443386		193.9	197.968	7.53	-0.03	-75.14	198.01	8.389256603	10.79518503
85.94	137.88	6.85	0	-73.91	199.24	8.33746587	19.58807194		193.94	197.992	7.56	0.03	-78.71	194.44	8.543286875	12.21225061
85.98	137.901	6.85	0	-75.49	197.66	8.40411161	20.37629783		193.98	198.016	7.62	0.06	-79.74	193.41	8.588783931	11.95381387

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
86.02	137.921	6.85	0	-78.15	195	8.51875231	21.71617154		194.02	198.041	7.53	-0.09	-81.91	191.24	8.686240849	14.26028214
86.06	137.941	6.85	0	-81.3	191.85	8.65862236	23.32408797		194.06	198.065	7.53	0	-83.47	189.68	8.757679776	15.07494982
86.1	137.962	6.85	0	-84.96	188.19	8.82701897	25.2218738		194.1	198.089	7.53	0	-84.49	188.66	8.805028623	15.61097507
86.14	137.982	6.85	0	-87.36	185.79	8.94104473	26.48393142		194.14	198.114	7.53	0	-85.67	187.48	8.860447514	16.23442573
86.18	138.002	6.85	0	-86.3	186.85	8.89032218	25.92478298		194.18	198.138	7.51	-0.02	-87.4	185.75	8.942970121	17.41898406
86.22	138.022	6.85	0	-80.27	192.88	8.61238438	22.79576474		194.22	198.163	7.48	-0.03	-88.26	184.89	8.984567581	18.27642996
86.26	138.043	6.9	0.05	-70.63	202.52	8.20243285	17.24798725		194.26	198.187	7.53	0.05	-85.88	187.27	8.870383404	16.34575693
86.3	138.063	6.94	0.04	-59.47	213.68	7.77403922	11.3366453		194.3	198.211	7.73	0.2	-75.59	197.56	8.40836556	8.406868184
86.34	138.083	6.95	0.01	-48.83	224.32	7.40529913	6.34328999		194.34	198.236	7.76	0.03	-62.32	210.83	7.879128682	1.523469553
86.38	138.103	6.95	0	-40.58	232.57	7.14260954	2.733482914		194.38	198.26	7.64	-0.12	-46.3	226.85	7.32270972	4.241080471
86.42	138.124	6.94	-0.01	-35.93	237.22	7.0025997	0.897963046		194.42	198.284	7.53	-0.11	-38.82	234.33	7.088963001	6.033765857
86.46	138.144	6.94	0	-33.5	239.65	6.93159483	0.121185405		194.46	198.309	7.53	0	-34.08	239.07	6.948411344	8.033873914
86.5	138.164	6.91	-0.03	-31.21	241.94	6.86598619	0.638993165		194.5	198.333	7.58	0.05	-29.79	243.36	6.825923323	10.46898084
86.54	138.185	6.85	-0.06	-29.71	243.44	6.82368017	0.384970719		194.54	198.358	7.53	-0.05	-26.56	246.59	6.736512835	11.12377179
86.58	138.205	6.81	-0.04	-28.17	244.98	6.78078496	0.429924218		194.58	198.382	7.43	-0.1	-25.97	247.18	6.720433287	10.02890439
86.62	138.225	6.74	-0.07	-27.97	245.18	6.77525369	0.52168745		194.62	198.406	7.36	-0.07	-27.69	245.46	6.767525055	8.387526374
86.66	138.245	6.68	-0.06	-30.36	242.79	6.8419486	2.395344079		194.66	198.431	7.32	-0.04	-33.55	239.6	6.933041319	5.429840165
86.7	138.266	6.66	-0.02	-35.02	238.13	6.97583967	4.632493123		194.7	198.455	7.28	-0.04	-47.13	226.02	7.349600478	0.951502099
86.74	138.286	6.6	-0.06	-49.16	223.99	7.41620921	11.64664702		194.74	198.48	7.28	0	-61.36	211.79	7.843414231	7.450886717
86.78	138.306	6.71	0.11	-61.93	211.22	7.86458053	15.8437566		194.78	198.504	7.41	0.13	-65.81	207.34	8.011752194	7.803940653
86.82	138.327	6.77	0.06	-63.71	209.44	7.93142045	15.80011208		194.82	198.528	7.53	0.12	-69	204.15	8.136941954	7.748059018
86.86	138.347	6.85	0.08	-66.72	206.43	8.04707019	16.07121639		194.86	198.553	7.49	-0.04	-71.84	201.31	8.251734638	9.677899617
86.9	138.367	6.85	0	-71.21	201.94	8.22599138	18.25407495		194.9	198.577	7.48	-0.01	-73.56	199.59	8.322845333	10.6670073
86.94	138.388	6.85	0	-73.73	199.42	8.32994033	19.49863168		194.94	198.601	7.53	0.05	-77.34	195.81	8.483513099	11.9088559
86.98	138.408	6.85	0	-74.78	198.37	8.37403186	20.02139609		194.98	198.626	7.6	0.07	-78.73	194.42	8.544165724	11.69668027

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
87.02	138.428	6.85	0	-77.26	195.89	8.4800485	21.26605792		195.02	198.65	7.56	-0.04	-76.68	196.47	8.455014506	11.17719257
87.06	138.448	6.85	0	-80.24	192.91	8.61104505	22.78041415		195.06	198.675	7.53	-0.03	-78.6	194.55	8.538456438	12.55200139
87.1	138.469	6.85	0	-83.8	189.35	8.7729427	24.61690778		195.1	198.699	7.53	0	-81.08	192.07	8.648704639	13.82934745
87.14	138.489	6.85	0	-86.4	186.75	8.89508273	25.97741486		195.14	198.723	7.53	0	-84.27	188.88	8.794772872	15.49513591
87.18	138.509	6.85	0	-86.11	187.04	8.88129117	25.82484993		195.18	198.748	7.53	0	-84.45	188.7	8.803162162	15.58990414
87.22	138.53	6.85	0	-81.42	191.73	8.66404162	23.3858032		195.22	198.772	7.53	0	-86.61	186.54	8.905096494	16.73365891
87.26	138.55	6.92	0.07	-72.56	200.59	8.28135351	17.91095124		195.26	198.797	7.64	0.11	-85.2	187.95	8.838290503	14.54386913
87.3	138.57	6.94	0.02	-60.2	212.95	7.80068889	11.67772959		195.3	198.821	7.75	0.11	-76.92	196.23	8.46535545	8.823185559
87.34	138.591	6.94	0	-46.25	226.9	7.32109608	5.344555222		195.34	198.845	7.82	0.07	-66.88	206.27	8.053312164	2.939678389
87.38	138.611	6.93	-0.01	-37.65	235.5	7.05374395	1.769825728		195.38	198.87	7.73	-0.09	-57.38	215.77	7.698738008	0.405243668
87.42	138.631	6.94	0.01	-37.09	236.06	7.03701051	1.388143849		195.42	198.894	7.62	-0.11	-47.48	225.67	7.360999247	3.457723334
87.46	138.652	6.94	0	-32.82	240.33	6.91198227	0.404530198		195.46	198.919	7.64	0.02	-40.48	232.67	7.139539691	6.772339586
87.5	138.672	6.88	-0.06	-31.37	241.78	6.87052982	0.137742758		195.5	198.943	7.7	0.06	-35.03	238.12	6.976132622	9.864552146
87.54	138.692	6.85	-0.03	-26.77	246.38	6.74225465	1.58539338		195.54	198.968	7.62	-0.08	-30.92	242.23	6.857766173	10.52971596
87.58	138.713	6.77	-0.08	-24.35	248.8	6.67667484	1.388077899		195.58	198.992	7.53	-0.09	-29.71	243.44	6.823680168	9.841654881
87.62	138.733	6.71	-0.06	-26.34	246.81	6.73050808	0.305168272		195.62	199.016	7.45	-0.08	-32.35	240.8	6.898491279	7.687340923
87.66	138.753	6.68	-0.03	-29.93	243.22	6.8298524	2.218416495		195.66	199.041	7.38	-0.07	-41.75	231.4	7.178723855	2.765024561
87.7	138.774	6.6	-0.08	-34.87	238.28	6.9714483	5.473966934		195.7	199.065	7.36	-0.02	-53.49	219.66	7.562399618	2.712695314
87.74	138.794	6.6	0	-49.09	224.06	7.41389226	11.61550618		195.74	199.09	7.45	0.09	-61.08	212.07	7.833058424	5.012850353
87.78	138.814	6.68	0.08	-61.85	211.3	7.86160293	16.25134367		195.78	199.114	7.6	0.15	-60.15	213	7.798857746	2.582759705
87.82	138.834	6.77	0.09	-63.44	209.71	7.92120881	15.67207746		195.82	199.138	7.62	0.02	-54.98	218.17	7.614047303	0.078149914
87.86	138.855	6.85	0.08	-65.95	207.2	8.01716554	15.70125169		195.86	199.163	7.45	-0.17	-51.97	221.18	7.510429062	0.807851995
87.9	138.875	6.85	0	-69.91	203.24	8.17337483	17.6175439		195.9	199.187	7.58	0.13	-56	217.15	7.649812111	0.916782307
87.94	138.895	6.85	0	-72.2	200.95	8.26651754	18.74132105		195.94	199.212	7.62	0.04	-65.76	207.39	8.009820628	4.988165086
87.98	138.916	6.85	0	-73.21	199.94	8.30827598	19.24065751		195.98	199.236	7.65	0.03	-78.39	194.76	8.529249846	10.868858

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
88.02	138.936	6.85	0	-77.42	195.73	8.48698053	21.34684243		196.02	199.261	7.58	-0.07	-77.82	195.33	8.504360313	11.49390209
88.06	138.956	6.85	0	-81.1	192.05	8.64960531	23.22130499		196.06	199.285	7.57	-0.01	-79.27	193.88	8.567963173	12.36789504
88.1	138.977	6.85	0	-83.81	189.34	8.77340604	24.62210912		196.1	199.309	7.57	0	-81.13	192.02	8.650956671	13.32790282
88.14	138.997	6.85	0	-85.34	187.81	8.84487887	25.42076156		196.14	199.334	7.57	0	-83.6	189.55	8.763686099	14.61624879
88.18	139.017	6.85	0	-85.55	187.6	8.85477985	25.53082399		196.18	199.358	7.56	-0.01	-84.96	188.19	8.82701897	15.46369077
88.22	139.038	6.85	0	-83.92	189.23	8.77850605	24.67933972		196.22	199.383	7.56	0	-87.19	185.96	8.932871048	16.6480541
88.26	139.058	6.93	0.08	-78.39	194.76	8.52924985	20.68987644		196.26	199.407	7.64	0.08	-85.17	187.98	8.836879987	14.52799302
88.3	139.078	6.94	0.01	-66.53	206.62	8.03967041	14.68217096		196.3	199.432	7.72	0.08	-77.13	196.02	8.474424549	9.317089919
88.34	139.099	6.94	0	-48.7	224.45	7.40101002	6.429254616		196.34	199.456	7.76	0.04	-66.19	206.96	8.026462601	3.37583673
88.38	139.119	6.94	0	-36.53	236.62	7.02035627	1.151206544		196.38	199.481	7.69	-0.07	-54.1	219.05	7.583459028	1.395112557
88.42	139.14	6.94	0	-36.54	236.61	7.02065297	1.155432678		196.42	199.505	7.62	-0.07	-42.57	230.58	7.204253188	5.609008523
88.46	139.16	6.92	-0.02	-31.68	241.47	6.87935023	0.589154844		196.46	199.529	7.63	0.01	-37.85	235.3	7.059739482	7.764065785
88.5	139.18	6.85	-0.07	-27.69	245.46	6.76752505	1.211305941		196.5	199.554	7.66	0.03	-32.81	240.34	6.911694683	10.27066973
88.54	139.201	6.83	-0.02	-27.92	245.23	6.77387228	0.825172652		196.54	199.578	7.61	-0.05	-29.47	243.68	6.816959537	10.99386826
88.58	139.221	6.77	-0.06	-24.81	248.34	6.68904204	1.20302709		196.58	199.603	7.52	-0.09	-28.25	244.9	6.783	10.30553031
88.62	139.241	6.68	-0.09	-26.72	246.43	6.74088666	0.907341863		196.62	199.627	7.44	-0.08	-30.72	242.43	6.85210865	8.226796542
88.66	139.262	6.64	-0.04	-28.86	244.29	6.79993737	2.380031471		196.66	199.652	7.37	-0.07	-38.25	234.9	7.071761175	4.130227905
88.7	139.282	6.6	-0.04	-34.05	239.1	6.94753952	5.130666312		196.7	199.676	7.36	-0.01	-51.18	221.97	7.483699149	1.666688974
88.74	139.302	6.6	0	-47.4	225.75	7.3583907	10.86644892		196.74	199.701	7.41	0.05	-60.94	212.21	7.827890769	5.484889936
88.78	139.323	6.68	0.08	-59.14	214.01	7.76205177	14.98473749		196.78	199.725	7.53	0.12	-63.56	209.59	7.925744072	5.120996698
88.82	139.343	6.8	0.12	-61.32	211.83	7.84193315	14.23218018		196.82	199.75	7.62	0.09	-62.09	211.06	7.8705425	3.234780186
88.86	139.363	6.85	0.05	-64.71	208.44	7.96947179	15.10812		196.86	199.774	7.49	-0.13	-62.11	211.04	7.871288381	4.964276067
88.9	139.384	6.85	0	-69.28	203.87	8.14811743	17.31040491		196.9	199.798	7.56	0.07	-65.32	207.83	7.992862917	5.566343883
88.94	139.404	6.85	0	-71.77	201.38	8.24886632	18.52942191		196.94	199.823	7.62	0.06	-70.55	202.6	8.199193978	7.322673697
88.98	139.425	6.94	0.09	-72.74	200.41	8.28879148	17.71370341		196.98	199.847	7.64	0.02	-78.21	194.94	8.521374269	10.90716983

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
89.02	139.445	6.85	-0.09	-77.32	195.83	8.48264668	21.2963452		197.02	199.872	7.6	-0.04	-78.97	194.18	8.554726027	11.81977368
89.06	139.465	6.85	0	-78.18	194.97	8.52006309	21.73137582		197.06	199.896	7.6	0	-79.94	193.21	8.597674551	12.31873807
89.1	139.486	6.85	0	-81.87	191.28	8.6844244	23.61753942		197.1	199.921	7.6	0	-81.17	191.98	8.652759142	12.95483594
89.14	139.506	6.85	0	-85.75	187.4	8.86422999	25.63574532		197.14	199.945	7.6	0	-82.93	190.22	8.732818316	13.87168208
89.18	139.526	6.85	0	-85.8	187.35	8.86659568	25.6619909		197.18	199.97	7.59	-0.01	-85.47	187.68	8.851005435	15.33976057
89.22	139.547	6.85	0	-79.23	193.92	8.56619585	22.26484238		197.22	199.994	7.59	0	-87.77	185.38	8.960819398	16.56497319
89.26	139.567	6.92	0.07	-68.06	205.09	8.09964747	15.70805805		197.26	200.019	7.64	0.05	-85.14	188.01	8.835469922	14.51211926
89.3	139.587	6.94	0.02	-55.52	217.63	7.63293985	9.509952818		197.3	200.043	7.69	0.05	-77.34	195.81	8.483513099	9.812501397
89.34	139.608	7	0.06	-44.83	228.32	7.27556368	3.8606347		197.34	200.068	7.7	0.01	-65.5	207.65	7.999791476	3.819050419
89.38	139.628	7.02	0.02	-39.23	233.92	7.10138808	1.152692369		197.38	200.092	7.65	-0.05	-50.81	222.34	7.47124539	2.36428423
89.42	139.649	6.94	-0.08	-38.26	234.89	7.07206224	1.884979379		197.42	200.117	7.62	-0.03	-37.66	235.49	7.054043484	7.713709133
89.46	139.669	6.9	-0.04	-32.75	240.4	6.90996963	0.144383141		197.46	200.141	7.62	0	-35.22	237.93	6.981703442	8.742768408
89.5	139.689	6.85	-0.05	-29.67	243.48	6.82255914	0.401400459		197.5	200.166	7.62	0	-30.58	242.57	6.848153935	10.66958602
89.54	139.71	6.8	-0.05	-27.43	245.72	6.76036424	0.584582591		197.54	200.19	7.59	-0.03	-28.03	245.12	6.776912125	11.31889537
89.58	139.73	6.75	-0.05	-26.8	246.35	6.74307571	0.102634786		197.58	200.215	7.51	-0.08	-26.79	246.36	6.742801997	10.76557442
89.62	139.751	6.68	-0.07	-26.76	246.39	6.74198101	0.92357463		197.62	200.239	7.42	-0.09	-29.09	244.06	6.806345571	8.627014242
89.66	139.771	6.62	-0.06	-28.58	244.57	6.79215235	2.567109954		197.66	200.264	7.36	-0.06	-34.74	238.41	6.967646911	5.47686709
89.7	139.791	6.6	-0.02	-34.14	239.01	6.95015564	5.168289594		197.7	200.288	7.36	0	-48.86	224.29	7.406289625	0.626963526
89.74	139.812	6.6	0	-48.36	224.79	7.38981583	11.29129701		197.74	200.313	7.36	0	-60.8	212.35	7.822729927	6.095477285
89.78	139.832	6.68	0.08	-60.92	212.23	7.82715309	15.81499942		197.78	200.337	7.45	0.09	-66.97	206.18	8.056827529	7.826585137
89.82	139.852	6.83	0.15	-63.03	210.12	7.90575243	14.60057683		197.82	200.362	7.62	0.17	-69.2	203.95	8.144921304	6.659358383
89.86	139.873	6.9	0.07	-65.54	207.61	8.00133279	14.78166823		197.86	200.386	7.53	-0.09	-72.25	200.9	8.268574913	9.349892847
89.9	139.893	6.94	0.04	-69.4	203.75	8.15291632	16.07265678		197.9	200.411	7.53	0	-74.64	198.51	8.368126039	10.54370857
89.94	139.914	6.94	0	-72.25	200.9	8.26857491	17.47139256		197.94	200.435	7.62	0.09	-75.34	197.81	8.397738739	9.710967969
89.98	139.934	6.9	-0.04	-74.27	198.88	8.35255782	19.04674404		197.98	200.46	7.63	0.01	-78.04	195.11	8.513949567	10.95084649

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
90.02	139.954	6.91	0.01	-77.28	195.87	8.48091438	20.41352896		198.02	200.484	7.62	-0.01	-82.57	190.58	8.716322279	13.42189828
90.06	139.975	6.85	-0.06	-82.4	190.75	8.70855413	23.89109056		198.06	200.509	7.62	0	-83.78	189.37	8.772016159	14.0558202
90.1	139.995	6.85	0	-86.32	186.83	8.89127389	25.9353074		198.1	200.533	7.62	0	-85.16	187.99	8.836409915	14.78341779
90.14	140.016	6.85	0	-87.82	185.33	8.96323693	26.72744282		198.14	200.558	7.62	0	-86.35	186.8	8.89270182	15.41482229
90.18	140.036	6.85	0	-85.7	187.45	8.86186556	25.60950583		198.18	200.582	7.62	0	-86.48	186.67	8.898894841	15.48402425
90.22	140.056	6.85	0	-79.26	193.89	8.56752127	22.280122		198.22	200.607	7.62	0	-88.93	184.22	9.017244056	16.79658063
90.26	140.077	6.9	0.05	-69.78	203.37	8.16815017	16.83219447		198.26	200.631	7.68	0.06	-88.06	185.09	8.974859258	15.54932693
90.3	140.097	6.95	0.05	-59.06	214.09	7.75915129	11.00201195		198.3	200.656	7.8	0.12	-75.42	197.73	8.401136398	7.420916451
90.34	140.118	6.99	0.04	-48.88	224.27	7.4069501	5.792200456		198.34	200.68	7.87	0.07	-66.71	206.44	8.046680391	2.220065831
90.38	140.138	7	0.01	-41.04	232.11	7.1567649	2.214699433		198.38	200.705	7.75	-0.12	-56.85	216.3	7.679873786	0.908966782
90.42	140.158	6.94	-0.06	-36.55	236.6	7.0209497	1.15965899		198.42	200.729	7.7	-0.05	-48.08	225.07	7.380622473	4.235601383
90.46	140.179	6.85	-0.09	-33.66	239.49	6.93622573	1.250896821		198.46	200.754	7.7	0	-41.91	231.24	7.18369097	6.93791655
90.5	140.199	6.85	0	-30.47	242.68	6.84504986	0.072290939		198.5	200.778	7.7	0	-35.23	237.92	6.98199689	9.780728271
90.54	140.22	6.8	-0.05	-25.7	247.45	6.71310042	1.286153036		198.54	200.803	7.65	-0.05	-31.24	241.91	6.866837667	10.78970987
90.58	140.24	6.75	-0.05	-25.94	247.21	6.71961773	0.451122915		198.58	200.827	7.56	-0.09	-30.56	242.59	6.847589348	9.889380305
90.62	140.261	6.68	-0.07	-26.18	246.97	6.72614771	0.688455942		198.62	200.852	7.48	-0.08	-31.9	241.25	6.885623627	8.274981838
90.66	140.281	6.62	-0.06	-28.75	244.4	6.79687684	2.636632107		198.66	200.876	7.45	-0.03	-36.91	236.24	7.031648747	5.777674356
90.7	140.301	6.6	-0.02	-33.86	239.29	6.94202307	5.051284679		198.7	200.901	7.45	0	-50.88	222.27	7.473598326	0.31625518
90.74	140.322	6.6	0	-48.15	225	7.38291867	11.19821527		198.74	200.925	7.36	-0.09	-61.76	211.39	7.85825583	6.54813319
90.78	140.342	6.68	0.08	-60.97	212.18	7.82899755	15.838414		198.78	200.95	7.51	0.15	-66.67	206.48	8.045121561	6.88032632
90.82	140.363	6.83	0.15	-62.8	210.35	7.89710815	14.49175414		198.82	200.975	7.62	0.11	-69.39	203.76	8.152516196	6.752457109
90.86	140.383	6.9	0.07	-65.1	208.05	7.98441096	14.57109673		198.86	200.999	7.58	-0.04	-73.82	199.33	8.3337014	9.4723582
90.9	140.404	6.94	0.04	-68.97	204.18	8.1357464	15.86318008		198.9	201.024	7.56	-0.02	-74.57	198.58	8.365176251	10.11199171
90.94	140.424	6.94	0	-71.98	201.17	8.25747726	17.33810468		198.94	201.048	7.62	0.06	-78.38	194.77	8.528811932	11.25546493
90.98	140.444	6.94	0	-74.23	198.92	8.35087824	18.45385491		198.98	201.073	7.62	0	-80.17	192.98	8.607921546	12.17557706

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
91.02	140.465	6.88	-0.06	-77.23	195.92	8.47875	20.81875153		199.02	201.097	7.62	0	-81.75	191.4	8.678979624	12.99442846
91.06	140.485	6.85	-0.03	-80.56	192.59	8.62535282	22.94426295		199.06	201.122	7.58	-0.04	-83.18	189.97	8.744310681	14.26474543
91.1	140.506	6.85	0	-84.19	188.96	8.79104943	24.81993855		199.1	201.146	7.53	-0.05	-85.2	187.95	8.838290503	15.98567062
91.14	140.526	6.85	0	-86.53	186.62	8.90127907	26.04587298		199.14	201.171	7.53	0	-85.54	187.61	8.854307873	16.16556382
91.18	140.547	6.85	26529.6	-85.6	187.55	8.8571405	25.55704517		199.18	201.195	7.53	0	-86.96	186.19	8.921836296	16.92013306
91.22	140.567	6.85	0	-80.07	193.08	8.60346333	22.6934674		199.22	201.22	7.53	0	-88.33	184.82	8.987970458	17.65314282
91.26	140.587	6.92	0.07	-71	202.15	8.21744596	17.1422043		199.26	201.245	7.58	0.05	-87.12	186.03	8.929509756	16.34827171
91.3	140.608	6.94	0.02	-60.07	213.08	7.7959297	11.616908		199.3	201.269	7.76	0.18	-73.69	199.46	8.328269829	7.064399523
91.34	140.628	7.02	0.08	-49.78	223.37	7.43679411	5.766065496		199.34	201.294	7.79	0.03	-56.14	217.01	7.654747247	1.751440165
91.38	140.649	7	-0.02	-43.14	230.01	7.22210643	3.123397104		199.38	201.318	7.66	-0.13	-44.64	228.51	7.269514244	5.231057744
91.42	140.669	6.95	-0.05	-35.44	237.71	6.98816499	0.547632934		199.42	201.343	7.62	-0.04	-39.33	233.82	7.104425199	7.002987134
91.46	140.69	6.9	-0.05	-28.03	245.12	6.77691212	1.799936626		199.46	201.367	7.62	0	-33.92	239.23	6.94376416	9.286553017
91.5	140.71	6.85	-0.05	-24.43	248.72	6.67882237	2.530562155		199.5	201.392	7.62	0	-29.66	243.49	6.822278944	11.04702463
91.54	140.731	6.8	-0.05	-25.63	247.52	6.71120192	1.314436383		199.54	201.416	7.59	-0.03	-27.24	245.91	6.755140905	11.63960815
91.58	140.751	6.74	-0.06	-25.54	247.61	6.70876257	0.464539837		199.58	201.441	7.47	-0.12	-23.9	249.25	6.664620662	11.39583944
91.62	140.771	6.68	-0.06	-26.39	246.76	6.73187186	0.773521546		199.62	201.466	7.42	-0.05	-27.11	246.04	6.751571696	9.4333687
91.66	140.792	6.64	-0.04	-28.37	244.78	6.78632527	2.179677145		199.66	201.49	7.36	-0.06	-33.7	239.45	6.937384423	5.911788686
91.7	140.812	6.6	-0.04	-33.55	239.6	6.93304132	4.921899092		199.7	201.515	7.36	0	-49.31	223.84	7.421178967	0.827795499
91.74	140.833	6.6	0	-47.31	225.84	7.35545829	10.82670699		199.74	201.539	7.36	0	-60.63	212.52	7.816472332	6.015526165
91.78	140.853	6.73	0.13	-59.61	213.54	7.77913599	14.46172941		199.78	201.564	7.45	0.09	-69.25	203.9	8.146918588	8.936618905
91.82	140.874	6.85	0.12	-61.94	211.21	7.86495289	13.79485069		199.82	201.588	7.62	0.17	-67.64	205.51	8.083094253	5.898127412
91.86	140.894	6.94	0.09	-65.12	208.03	7.98517858	14.00557554		199.86	201.613	7.53	-0.09	-69.96	203.19	8.175386092	8.218659358
91.9	140.915	6.91	-0.03	-69.79	203.36	8.16855183	16.69327192		199.9	201.637	7.53	0	-72.25	200.9	8.268574913	9.349892847
91.94	140.935	6.88	-0.03	-73.27	199.88	8.31076996	18.83735934		199.94	201.662	7.62	0.09	-75.23	197.92	8.393071443	9.655504826
91.98	140.956	6.85	-0.03	-75.8	197.35	8.4173129	20.53161426		199.98	201.687	7.62	0	-78.56	194.59	8.536701269	11.34762912

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
							10.4433859									**11.66649809**
							(sols 1-91.98)									**(sols 92.02-199.98**
									PERCENT DIFFERENCE FOR SOLS 1.02 TO 199.98 (ALL TIME-BINS) =							**11.054942**
									THIS FIGURE IGNORES TIMES WHEN PRESSURE READINGS WERE							
									STUCK FOR 3 OR MORE READINGS							

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
200.02	201.711	7.62		-79.95	193.2	8.598119565	**12.06205888**		275.02	249.614	8.97	-0.06	-83.24	189.91	8.747073351	**2.516517769**
200.06	201.736	7.6	-0.02	-80.7	192.45	8.631627436	**12.71132472**		275.06	249.64	8.94	-0.03	-90.04	183.11	9.071905958	**1.464652974**
200.1	201.76	7.62	0.02	-83.1	190.05	8.740629834	**13.69910383**		275.1	249.666	8.94	0	-90.28	182.87	9.083811998	**1.595800018**
200.14	201.785	7.62	0	-84.16	188.99	8.78965395	**14.25568088**		275.14	249.692	8.87	-0.07	-91.67	181.48	9.15338715	**3.144660299**
200.18	201.809	7.56	-0.06	-85.39	187.76	8.847234235	**15.69105697**		275.18	249.719	8.85	-0.02	-92.19	180.96	9.179689987	**3.657189746**
200.22	201.834	7.53	-0.03	-83.22	189.93	8.746152267	**14.9439775**		275.22	249.745	8.85	0	-92.44	180.71	9.192389464	**3.795389347**
200.26	201.859	7.64	0.11	-86.14	187.01	8.882715898	**15.04251366**		275.26	249.771	8.89	0.04	-92.64	180.51	9.202574373	**3.455278018**
200.3	201.883	7.82	0.18	-72.99	200.16	8.299144185	**5.945032555**		275.3	249.797	9.03	0.14	-88.66	184.49	9.004047374	**0.287818099**
200.34	201.908	7.82	0	-65.26	207.89	7.990556063	**2.157496076**		275.34	249.823	9.03	0	-81.62	191.53	8.673088811	**4.032191135**
200.38	201.932	7.73	-0.09	-55.81	217.34	7.643124597	**1.1302244**		275.38	249.849	9.03	0	-75.36	197.79	8.398587896	**7.24570582**
200.42	201.957	7.65	-0.08	-45.93	227.22	7.310785582	**4.534713981**		275.42	249.875	9.03	0	-69.22	203.93	8.1457201	**10.29685969**
200.46	201.982	7.7	0.05	-39.03	234.12	7.09532163	**8.173913149**		275.46	249.901	9.03	0	-60.86	212.29	7.824940883	**14.2991794**
200.5	202.006	7.7	0	-34.13	239.02	6.949864865	**10.24084716**		275.5	249.927	9.02	-0.01	-55.4	217.75	7.62873341	**16.71318239**
200.54	202.031	7.66	-0.04	-30.99	242.16	6.859748513	**11.02293867**		275.54	249.953	8.94	-0.08	-53.06	220.09	7.547624608	**16.88994534**
200.58	202.055	7.55	-0.11	-30.63	242.52	6.849565809	**9.728545989**		275.58	249.979	8.79	-0.15	-52.44	220.71	7.526422455	**15.48841419**
200.62	202.08	7.53	-0.02	-33.07	240.08	6.919179857	**8.454737907**		275.62	250.006	8.7	-0.09	-53.42	219.73	7.559990443	**14.02226602**
200.66	202.105	7.45	-0.08	-37.64	235.51	7.05344444	**5.468432853**		275.66	250.032	8.6	-0.1	-57.01	216.14	7.685558897	**11.23008561**
200.7	202.129	7.45	0	-48.86	224.29	7.406289625	**0.588442687**		275.7	250.058	8.52	-0.08	-63.74	209.41	7.932556707	**7.141057813**
200.74	202.154	7.45	0	-59.74	213.41	7.783874701	**4.383319514**		275.74	250.084	8.6	0.08	-70.6	202.55	8.201217971	**4.747060955**
200.78	202.178	7.53	0.08	-70	203.15	8.176995816	**8.238313978**		275.78	250.11	8.73	0.13	-76.12	197.03	8.430983607	**3.484839801**
200.82	202.203	7.7	0.17	-71.89	201.26	8.253784657	**6.942360933**		275.82	250.136	8.85	0.12	-79.06	194.09	8.558692874	**3.346685793**
200.86	202.228	7.62	-0.08	-75.04	198.11	8.385021957	**9.55977392**		275.86	250.162	8.92	0.07	-81.38	191.77	8.662234448	**2.9321137**
200.9	202.252	7.62	0	-77.26	195.89	8.480048497	**10.68380007**		275.9	250.188	8.97	0.05	-84.22	188.93	8.79244535	**1.999214031**
200.94	202.277	7.7	0.08	-78.02	195.13	8.513076923	**10.0298904**		275.94	250.214	9.03	0.06	-82.7	190.45	8.722271987	**3.466914126**
200.98	202.301	7.7	0	-80.1	193.05	8.604800311	**11.0985758**		275.98	250.24	9.03	0	-83.14	190.01	8.74246987	**3.235680039**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
201.02	202.326	7.7	0	-83.13	190.02	8.742009788	**12.67496859**		276.02	250.266	9	-0.03	-84.17	188.98	8.79011906	**2.359522599**
201.06	202.351	7.7	0	-84.55	188.6	8.807829799	**13.42187086**		276.06	250.292	8.94	-0.06	-86.31	186.84	8.890798009	**0.551876489**
201.1	202.375	7.65	-0.05	-85.56	187.59	8.855251879	**14.60446515**		276.1	250.319	8.94	0	-89.96	183.19	9.067944211	**1.420975203**
201.14	202.4	7.7	0.05	-87.33	185.82	8.939601227	**14.89941027**		276.14	250.345	8.94	0	-90.84	182.31	9.111714662	**1.902474807**
201.18	202.424	7.64	-0.06	-88.4	184.75	8.991375913	**16.2509214**		276.18	250.371	8.94	0	-91.15	182	9.127234615	**2.072642763**
201.22	202.449	7.65	0.01	-89.52	183.63	9.046216305	**16.72494269**		276.22	250.397	8.94	0	-92	181.15	9.170061827	**2.540707253**
201.26	202.474	7.73	0.08	-88.98	184.17	9.019692132	**15.39959209**		276.26	250.423	8.98	0.04	-93.01	180.14	9.221476074	**2.653368037**
201.3	202.498	7.9	0.17	-76.29	196.86	8.438264249	**6.589001628**		276.3	250.449	9.03	0.05	-91.55	181.6	9.147338656	**1.2910433**
201.34	202.523	7.9	0	-67.74	205.41	8.087029356	**2.339763714**		276.34	250.475	9.03	0	-85.53	187.62	8.853835945	**1.970092496**
201.38	202.548	7.79	-0.11	-56.66	216.49	7.673133632	**1.511548315**		276.38	250.501	9.12	0.09	-77.76	195.39	8.50174881	**7.016910712**
201.42	202.572	7.7	-0.09	-47.76	225.39	7.370143751	**4.377612511**		276.42	250.527	9.12	0	-70.83	202.32	8.210541222	**10.49544577**
201.46	202.597	7.75	0.05	-41.88	231.27	7.182759113	**7.597268301**		276.46	250.553	9.12	0	-65.61	207.54	8.004031512	**13.03394574**
201.5	202.622	7.79	0.04	-35.45	237.7	6.988458982	**10.84742352**		276.5	250.579	9.05	-0.07	-59.55	213.6	7.776950843	**15.13107359**
201.54	202.646	7.66	-0.13	-31.99	241.16	6.888193316	**10.61034408**		276.54	250.605	8.94	-0.11	-55.02	218.13	7.615443543	**16.00146144**
201.58	202.671	7.55	-0.11	-31.34	241.81	6.869677433	**9.43603032**		276.58	250.632	8.85	-0.09	-54.35	218.8	7.592123857	**15.30065281**
201.62	202.695	7.53	-0.02	-32.91	240.24	6.914571678	**8.521240164**		276.62	250.658	8.73	-0.12	-55.15	218	7.619984862	**13.57817939**
201.66	202.72	7.47	-0.06	-37.13	236.02	7.038203118	**5.952451563**		276.66	250.684	8.65	-0.08	-59.02	214.13	7.757701863	**10.87657667**
201.7	202.745	7.45	-0.02	-50.75	222.4	7.469229766	**0.257784973**		276.7	250.71	8.58	-0.07	-65.28	207.87	7.991324867	**7.104744349**
201.74	202.769	7.45	0	-62.36	210.79	7.880623844	**5.617825446**		276.74	250.736	8.63	0.05	-72.16	200.99	8.264872382	**4.322348344**
201.78	202.794	7.51	0.06	-67.94	205.21	8.094911067	**7.496499842**		276.78	250.762	8.76	0.13	-76.9	196.25	8.464492739	**3.431244863**
201.82	202.819	7.68	0.17	-71.35	201.8	8.231698216	**6.934498236**		276.82	250.788	8.88	0.12	-79.93	193.22	8.597229583	**3.235872319**
201.86	202.843	7.62	-0.06	-73.26	199.89	8.310354195	**8.667154369**		276.86	250.814	8.96	0.08	-82.7	190.45	8.722271987	**2.688885374**
201.9	202.868	7.62	0	-76.07	197.08	8.428844632	**10.07978643**		276.9	250.84	9.03	0.07	-85.02	188.13	8.829834157	**2.241519613**
201.94	202.893	7.68	0.06	-79.66	193.49	8.585232829	**11.13089297**		276.94	250.866	9.03	0	-85.75	187.4	8.864229989	**1.852776127**
201.98	202.917	7.7	0.02	-81.55	191.6	8.669920146	**11.85002905**		276.98	250.892	9.03	0	-84.31	188.84	8.796635776	**2.618152147**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
202.02	202.942	7.62	-0.08	-83.17	189.98	8.743850405	**13.73576973**		277.02	250.919	9.03	0	-84.14	189.01	8.788723877	**2.708118995**
202.06	202.966	7.62	0	-85.49	187.66	8.851948737	**14.95814195**		277.06	250.945	9.01	-0.02	-84.75	188.4	8.817179936	**2.163214422**
202.1	202.991	7.62	0	-86.77	186.38	8.912741174	**15.63855818**		277.1	250.971	8.94	-0.07	-88.96	184.19	9.018712742	**0.876596707**
202.14	203.016	7.62	0	-85.84	187.31	8.868489136	**15.14376636**		277.14	250.997	8.94	0	-91.66	181.49	9.152882803	**2.353221493**
202.18	203.04	7.62	0	-87.15	186	8.93095	**15.84138675**		277.18	251.023	8.85	-0.09	-92.33	180.82	9.186797368	**3.734558422**
202.22	203.065	7.62	0	-89.05	184.1	9.023121673	**16.86128**		277.22	251.049	8.91	0.06	-92.65	180.5	9.203084211	**3.236160194**
202.26	203.09	7.66	0.04	-85.29	187.86	8.842524752	**14.33144043**		277.26	251.075	8.98	0.07	-93.14	180.01	9.228135659	**2.725547127**
202.3	203.114	7.87	0.21	-76.65	196.5	8.453723664	**7.15184447**		277.3	251.101	9.12	0.14	-91.19	181.96	9.129241042	**0.101275905**
202.34	203.139	7.85	-0.02	-62.55	210.6	7.887733618	**0.479530524**		277.34	251.127	9.05	-0.07	-84.58	188.57	8.809231055	**2.696296884**
202.38	203.164	7.73	-0.12	-50.02	223.13	7.44479317	**3.75895509**		277.38	251.153	9.12	0.07	-75.48	197.67	8.403686447	**8.175375142**
202.42	203.188	7.7	-0.03	-41.78	231.37	7.179654666	**6.99405122**		277.42	251.179	9.12	0	-66.76	206.39	8.048629779	**12.48055594**
202.46	203.213	7.7	0	-36.55	236.6	7.020949704	**9.225631627**		277.46	251.205	9.12	0	-60.82	212.33	7.823466773	**15.30422603**
202.5	203.238	7.7	0	-32.94	240.21	6.915435244	**10.7361121**		277.5	251.232	9.06	-0.06	-56.05	217.1	7.651573929	**16.85569626**
202.54	203.262	7.68	-0.02	-29.21	243.94	6.809693777	**12.01276212**		277.54	251.258	8.94	-0.12	-54.22	218.93	7.587615676	**16.36514728**
202.58	203.287	7.58	-0.1	-28.78	244.37	6.797711258	**10.88196485**		277.58	251.284	8.82	-0.12	-53.43	219.72	7.560334517	**15.38021683**
202.62	203.311	7.53	-0.05	-30.51	242.64	6.846178289	**9.513261417**		277.62	251.31	8.73	-0.09	-54.18	218.97	7.58622962	**14.02003289**
202.66	203.336	7.45	-0.08	-35.84	237.31	6.999943955	**6.22917357**		277.66	251.336	8.63	-0.1	-57.85	215.3	7.715544357	**11.18905095**
202.7	203.361	7.45	0	-49.9	223.25	7.440791489	**0.123680607**		277.7	251.362	8.58	-0.05	-64.59	208.56	7.964886364	**7.435694907**
202.74	203.386	7.45	0	-60.28	212.87	7.80362052	**4.636545391**		277.74	251.388	8.63	0.05	-72.02	201.13	8.259119475	**4.391946254**
202.78	203.41	7.53	0.08	-67.43	205.72	8.07484299	**6.982998686**		277.78	251.414	8.76	0.13	-76.63	196.52	8.452863322	**3.568687817**
202.82	203.435	7.7	0.17	-70.49	202.66	8.196766505	**6.249906298**		277.82	251.44	8.85	0.09	-79.46	193.69	8.576367907	**3.140437456**
202.86	203.46	7.62	-0.08	-74.03	199.12	8.342490458	**9.052352575**		277.86	251.466	8.94	0.09	-81.7	191.45	8.67671298	**2.989059541**
202.9	203.484	7.62	0	-76.96	196.19	8.467081401	**10.53120053**		277.9	251.492	9.03	0.09	-84.12	189.03	8.787794001	**2.718697938**
202.94	203.509	7.68	0.06	-78.15	195	8.518752308	**10.35576434**		277.94	251.519	9.03	0	-86.2	186.95	8.885566729	**1.61237736**
202.98	203.534	7.68	0	-81.25	191.9	8.656366337	**11.95328651**		277.98	251.545	9.03	0	-85.17	187.98	8.836879987	**2.161765377**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
203.02	203.558	7.62	-0.06	-81.28	191.87	8.65771981	**12.75018642**		278.02	251.571	9.03	0	-82.4	190.75	8.708554128	**3.624262375**
203.06	203.583	7.62	0	-83.15	190	8.74293	**13.72529248**		278.06	251.597	9.03	0	-84.39	188.76	8.800363954	**2.57578641**
203.1	203.608	7.62	0	-85.8	187.35	8.866595677	**15.12253592**		278.1	251.623	8.97	-0.06	-87.58	185.57	8.951644662	**0.204839879**
203.14	203.632	7.62	0	-86.74	186.41	8.911306797	**15.62256164**		278.14	251.649	8.94	-0.03	-91.42	181.73	9.140795136	**2.221087448**
203.18	203.657	7.62	0	-87.24	185.91	8.935273519	**15.88948099**		278.18	251.675	8.94	0	-91.92	181.23	9.166013905	**2.496561708**
203.22	203.682	7.62	0	-89.15	184	9.028025543	**16.91522565**		278.22	251.701	8.94	0	-92.97	180.18	9.219428904	**3.077507623**
203.26	203.706	7.66	0.04	-86.02	187.13	8.877019719	**14.71873094**		278.26	251.727	9.03	0.09	-93.47	179.68	9.245084038	**2.35385006**
203.3	203.731	7.85	0.19	-75.86	197.29	8.419872776	**7.00525178**		278.3	251.753	9.12	0.09	-91.31	181.84	9.135265618	**0.16724619**
203.34	203.756	7.85	0	-65.66	207.49	8.005960287	**1.967213394**		278.34	251.779	9.12	0	-84.59	188.56	8.809698239	**3.461316042**
203.38	203.781	7.73	-0.12	-49.27	223.88	7.419853046	**4.094388939**		278.38	251.806	9.12	0	-75.28	197.87	8.395192298	**8.276331652**
203.42	203.805	7.7	-0.03	-39.07	234.08	7.096534091	**8.156854915**		278.42	251.832	9.12	0	-67.04	206.11	8.059563825	**12.34532129**
203.46	203.83	7.73	0.03	-35.93	237.22	7.002599696	**9.874703969**		278.46	251.858	9.12	0	-61.1	212.05	7.833797218	**15.17303488**
203.5	203.855	7.76	0.03	-32.91	240.24	6.914571678	**11.52235772**		278.5	251.884	9.06	-0.06	-56.99	216.16	7.684847798	**16.42477995**
203.54	203.879	7.68	-0.08	-27.56	245.59	6.76394275	**12.68431017**		278.54	251.91	8.98	-0.08	-54.04	219.11	7.581382411	**16.89010681**
203.58	203.904	7.59	-0.09	-27.91	245.24	6.773596069	**11.36768156**		278.58	251.936	8.85	-0.13	-53.74	219.41	7.571016362	**15.57739923**
203.62	203.929	7.53	-0.06	-29.45	243.7	6.816400082	**9.948139099**		278.62	251.962	8.73	-0.12	-54.98	218.17	7.614047303	**13.65576931**
203.66	203.953	7.47	-0.06	-35.47	237.68	6.989047038	**6.652623243**		278.66	251.988	8.63	-0.1	-58.42	214.73	7.736025241	**10.92476329**
203.7	203.978	7.45	-0.02	-48.98	224.17	7.410254271	**0.53492663**		278.7	252.014	8.58	-0.05	-64.76	208.39	7.971383944	**7.354261837**
203.74	204.003	7.48	0.03	-61.82	211.33	7.860486916	**4.960558531**		278.74	252.04	8.6	0.02	-72.22	200.93	8.267340367	**3.944423074**
203.78	204.027	7.6	0.12	-67.34	205.81	8.07131189	**6.014964068**		278.78	252.067	8.73	0.13	-76.39	196.76	8.442552856	**3.347750869**
203.82	204.052	7.73	0.13	-69.92	203.23	8.173777001	**5.580774949**		278.82	252.093	8.85	0.12	-79.57	193.58	8.581241347	**3.083643298**
203.86	204.077	7.7	-0.03	-75.1	198.05	8.387562232	**8.547749148**		278.86	252.119	8.92	0.07	-82.46	190.69	8.711294247	**2.367446767**
203.9	204.102	7.68	-0.02	-75.73	197.42	8.414328336	**9.125305763**		278.9	252.145	8.94	0.02	-84.61	188.54	8.810632757	**1.457607115**
203.94	204.126	7.76	0.08	-79.06	194.09	8.558692874	**9.788686883**		278.94	252.171	8.94	0	-85.68	187.47	8.860920147	**0.888491742**
203.98	204.151	7.79	0.03	-81.36	191.79	8.661331143	**10.59283454**		278.98	252.197	8.94	0	-86.73	186.42	8.910828774	**0.326833299**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
204.02	204.176	7.7	-0.09	-83.52	189.63	8.759988926	**12.87958249**		279.02	252.223	8.94	0	-83.53	189.62	8.760450902	**2.028751688**
204.06	204.2	7.7	0	-84.86	188.29	8.822330979	**13.58562518**		279.06	252.249	8.94	0	-83.31	189.84	8.750298673	**2.144693325**
204.1	204.225	7.7	0	-86.78	186.37	8.913219402	**14.60547017**		279.1	252.275	8.94	0	-87.09	186.06	8.928069977	**0.133534541**
204.14	204.25	7.7	0	-87.91	185.24	8.967591773	**15.21025701**		279.14	252.301	8.85	-0.09	-87.45	185.7	8.945378029	**1.07194159**
204.18	204.275	7.7	0	-89.49	183.66	9.044738648	**16.06162599**		279.18	252.327	8.85	0	-89.61	183.54	9.050652174	**2.241842051**
204.22	204.299	7.7	0	-90.9	182.25	9.114714403	**16.8271**		279.22	252.353	8.85	0	-90.53	182.62	9.096247399	**2.744277324**
204.26	204.324	7.79	0.09	-89.13	184.02	9.027044343	**14.7117926**		279.26	252.38	8.89	0.04	-91.96	181.19	9.168037419	**3.079375824**
204.3	204.349	7.96	0.17	-81.95	191.2	8.688058054	**8.746462224**		279.3	252.406	9.03	0.14	-90.39	182.76	9.089279383	**0.654323845**
204.34	204.373	7.99	0.03	-71.16	201.99	8.223955146	**2.885849186**		279.34	252.432	9.03	0	-84.4	188.75	8.800830199	**2.570489414**
204.38	204.398	7.83	-0.16	-60.61	212.54	7.815736802	**0.182326952**		279.38	252.458	9.03	0	-75.76	197.39	8.415607174	**7.043524714**
204.42	204.423	7.79	-0.04	-49.19	223.96	7.417202625	**4.902905337**		279.42	252.484	9.03	0	-67.35	205.8	8.071704082	**11.20702257**
204.46	204.448	7.79	0	-41.38	231.77	7.167263667	**8.32687512**		279.46	252.51	9.03	0	-59.82	213.33	7.7867937	**14.78529525**
204.5	204.472	7.79	0	-35.31	237.84	6.984345358	**10.90612981**		279.5	252.536	9	-0.03	-54.54	218.61	7.598722382	**16.88416235**
204.54	204.497	7.73	-0.06	-31.71	241.44	6.88020502	**11.63289603**		279.54	252.562	8.88	-0.12	-50.64	222.51	7.465537279	**17.30702022**
204.58	204.522	7.62	-0.11	-29.28	243.87	6.811648419	**11.20248439**		279.58	252.588	8.85	-0.03	-50.45	222.7	7.459167939	**17.05583101**
204.62	204.547	7.53	-0.09	-30.82	242.33	6.854936244	**9.385703831**		279.62	252.614	8.67	-0.18	-53.02	220.13	7.546253123	**13.85951327**
204.66	204.571	7.53	0	-43.1	230.05	7.220850685	**4.191613378**		279.66	252.64	8.56	-0.11	-56.18	216.97	7.656158455	**11.14741876**
204.7	204.596	7.53	0	-55.86	217.29	7.644883336	**1.514124795**		279.7	252.667	8.49	-0.07	-63.11	210.04	7.908763569	**7.088783599**
204.74	204.621	7.51	-0.02	-62.08	211.07	7.870169612	**4.683558388**		279.74	252.693	8.54	0.05	-71.84	201.31	8.251734638	**3.433419692**
204.78	204.646	7.6	0.09	-66.97	206.18	8.056827529	**5.835505673**		279.78	252.719	8.7	0.16	-75.88	197.27	8.420726416	**3.262403448**
204.82	204.67	7.73	0.13	-69.95	203.2	8.17498376	**5.595526114**		279.82	252.745	8.79	0.09	-78.03	195.12	8.513513223	**3.195729952**
204.86	204.695	7.68	-0.05	-74.64	198.51	8.368126039	**8.57578059**		279.86	252.771	8.85	0.06	-80.48	192.67	8.621771423	**2.612540788**
204.9	204.72	7.68	0	-78.11	195.04	8.51700523	**10.33530851**		279.9	252.797	8.94	0.09	-82.98	190.17	8.735114371	**2.318351376**
204.94	204.744	7.7	0.02	-77.73	195.42	8.50044366	**9.881749866**		279.94	252.823	8.94	0	-84.79	188.36	8.819052347	**1.362095804**
204.98	204.769	7.7	0	-80.76	192.39	8.634319351	**11.43995451**		279.98	252.849	8.94	0	-86.13	187.02	8.882240937	**0.648168358**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
205.02	204.794	7.65	-0.05	-81.63	191.52	8.673541667	**12.54068128**		280.02	252.875	8.94	0	-83.94	189.21	8.779433962	**1.812315654**
205.06	204.819	7.66	0.01	-81.71	191.44	8.677166214	**12.45217439**		280.06	252.901	8.94	0	-84.12	189.03	8.787794001	**1.717145394**
205.1	204.844	7.7	0.04	-81.97	191.18	8.688966942	**12.06869165**		280.1	252.927	8.94	0	-85.71	187.44	8.862338348	**0.872488211**
205.14	204.868	7.62	-0.08	-85.23	187.92	8.839701469	**14.82045675**		280.14	252.953	8.87	-0.07	-88.89	184.26	9.015286552	**1.624648855**
205.18	204.893	7.62	0	-85.33	187.82	8.844407944	**14.87339172**		280.18	252.98	8.85	-0.02	-89.61	183.54	9.050652174	**2.241842051**
205.22	204.918	7.65	0.03	-88.87	184.28	9.014308118	**16.37401455**		280.22	253.006	8.85	0	-92.29	180.86	9.184765565	**3.712447088**
205.26	204.943	7.73	0.08	-88.71	184.44	9.006488289	**15.25395611**		280.26	253.032	8.94	0.09	-92.8	180.35	9.210738564	**2.983223663**
205.3	204.967	7.93	0.2	-76.2	196.95	8.434408225	**6.164698637**		280.3	253.058	9.06	0.12	-90.94	182.21	9.116715328	**0.624043755**
205.34	204.992	7.9	-0.03	-66.8	206.35	8.050189969	**1.883237363**		280.34	253.084	9.1	0.04	-84.92	188.23	8.825143176	**3.066718312**
205.38	205.017	7.81	-0.09	-56.47	216.68	7.666405298	**1.85565962**		280.38	253.11	9.09	-0.01	-76.13	197.02	8.431411532	**7.517527535**
205.42	205.042	7.79	-0.02	-46.95	226.2	7.343751989	**5.897387653**		280.42	253.136	9.12	0.03	-66.94	206.21	8.0556554	**12.39364176**
205.46	205.066	7.85	0.06	-39.65	233.5	7.114161456	**9.834677954**		280.46	253.162	9.12	0	-59.9	213.25	7.789714889	**15.73397447**
205.5	205.091	7.85	0	-34.49	238.66	6.960348194	**12.01392154**		280.5	253.188	9.03	-0.09	-55.27	217.88	7.62418166	**16.88246675**
205.54	205.116	7.73	-0.12	-30.88	242.27	6.856633921	**11.97488172**		280.54	253.214	8.96	-0.07	-52.03	221.12	7.512466986	**17.57518185**
205.58	205.141	7.66	-0.07	-29.93	243.22	6.829852397	**11.4583307**		280.58	253.24	8.82	-0.14	-51.25	221.9	7.486059937	**16.36128002**
205.62	205.165	7.62	-0.04	-31.57	241.58	6.876217816	**10.26174128**		280.62	253.266	8.73	-0.09	-52.29	220.86	7.521310785	**14.87497508**
205.66	205.19	7.58	-0.04	-37.72	235.43	7.055841227	**7.162673675**		280.66	253.292	8.63	-0.1	-56.19	216.96	7.656511338	**11.95453884**
205.7	205.215	7.53	-0.05	-51.4	221.75	7.491123788	**0.517620552**		280.7	253.319	8.58	-0.05	-63.38	209.77	7.918943128	**8.013323844**
205.74	205.24	7.53	0	-62.32	210.83	7.879128682	**4.531452609**		280.74	253.345	8.6	0.02	-71.16	201.99	8.223955146	**4.47035017**
205.78	205.265	7.68	0.15	-66.13	207.02	8.024136315	**4.382747429**		280.78	253.371	8.73	0.13	-76.42	196.73	8.443840289	**3.332506958**
205.82	205.289	7.79	0.11	-69.41	203.74	8.153316482	**4.557602331**		280.82	253.397	8.85	0.12	-78.74	194.41	8.544605216	**3.51137356**
205.86	205.314	7.73	-0.06	-74.52	198.63	8.363070533	**7.867616461**		280.86	253.423	8.92	0.07	-81.23	191.92	8.655464256	**3.010284567**
205.9	205.339	7.62	-0.11	-77.28	195.87	8.480914382	**10.69398124**		280.9	253.449	8.97	0.05	-84.23	188.92	8.792910756	**1.993921453**
205.94	205.364	7.7	0.08	-76.83	196.32	8.461474633	**9.423331107**		280.94	253.475	9.03	0.06	-86.16	186.99	8.883665971	**1.633769758**
205.98	205.388	7.64	-0.06	-77.31	195.84	8.482213542	**10.44786486**		280.98	253.501	9.03	0	-85.43	187.72	8.849119433	**2.023372208**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
206.02	205.413	7.62	-0.02	-80.61	192.54	8.627592708	**12.40297841**		281.02	253.527	9.03	0	-84.03	189.12	8.783611992	**2.766289147**
206.06	205.438	7.62	0	-81.48	191.67	8.666753796	**12.85405071**		281.06	253.553	9.03	0	-84.68	188.47	8.813905131	**2.422058037**
206.1	205.463	7.68	0.06	-85.4	187.75	8.847705459	**14.13027915**		281.1	253.579	8.97	-0.06	-88.36	184.79	8.989429623	**0.216372382**
206.14	205.488	7.7	0.02	-86.13	187.02	8.882240937	**14.25912145**		281.14	253.605	8.94	-0.03	-91.49	181.66	9.144317406	**2.259608716**
206.18	205.512	7.7	0	-87.32	185.83	8.939120164	**14.89405872**		281.18	253.632	8.94	0	-92.29	180.86	9.184765565	**2.700896336**
206.22	205.537	7.7	0	-88.62	184.53	9.002095594	**15.59200265**		281.22	253.658	8.94	0	-92.73	180.42	9.207164948	**2.944426297**
206.26	205.562	7.75	0.05	-86.85	186.3	8.916568438	**13.99890376**		281.26	253.684	8.98	0.04	-93.31	179.84	9.236858875	**2.820012784**
206.3	205.587	7.96	0.21	-78.74	194.41	8.544605216	**7.084146614**		281.3	253.71	9.12	0.14	-91.58	181.57	9.14885003	**0.315838493**
206.34	205.611	7.93	-0.03	-67.77	205.38	8.088210634	**1.975384611**		281.34	253.736	9.12	0	-85.52	187.63	8.853364068	**2.967011979**
206.38	205.636	7.83	-0.1	-55.55	217.6	7.633992188	**2.535022136**		281.38	253.762	9.12	0	-74.94	198.21	8.380791585	**8.447714056**
206.42	205.661	7.82	-0.01	-41.34	231.81	7.166026919	**8.727771343**		281.42	253.788	9.12	0	-66.38	206.77	8.033838081	**12.66377721**
206.46	205.686	7.87	0.05	-36.05	237.1	7.006143821	**11.61397993**		281.46	253.814	9.12	0	-60.02	213.13	7.794100784	**15.67803377**
206.5	205.711	7.85	-0.02	-30.16	242.99	6.836317132	**13.80445293**		281.5	253.84	9.03	-0.09	-55.09	218.06	7.617888196	**16.96445564**
206.54	205.735	7.73	-0.12	-26.45	246.7	6.73350912	**13.77937914**		281.54	253.866	8.96	-0.07	-53.02	220.13	7.546253123	**17.12983396**
206.58	205.76	7.66	-0.07	-23.86	249.29	6.663551286	**13.91343103**		281.58	253.892	8.81	-0.15	-51.67	221.48	7.500256005	**16.06037323**
206.62	205.785	7.62	-0.04	-27.11	246.04	6.751571696	**12.085363**		281.62	253.918	8.73	-0.08	-53.26	219.89	7.554489517	**14.43717939**
206.66	205.81	7.53	-0.09	-35.38	237.77	6.986401565	**7.489437834**		281.66	253.945	8.63	-0.1	-56.77	216.38	7.677034384	**11.6877857**
206.7	205.835	7.53	0	-55.75	217.4	7.641015179	**1.463516819**		281.7	253.971	8.58	-0.05	-63.68	209.47	7.930284528	**7.870433381**
206.74	205.859	7.53	0	-62.1	211.05	7.870915423	**4.427209858**		281.74	253.997	8.6	0.02	-71.65	201.5	8.243953846	**4.227584059**
206.78	205.884	7.62	0.09	-68.26	204.89	8.107553809	**6.199995438**		281.78	254.023	8.73	0.13	-76.01	197.14	8.426279294	**3.540636066**
206.82	205.909	7.76	0.14	-69.93	203.22	8.174179215	**5.198626287**		281.82	254.049	8.82	0.09	-78.61	194.54	8.538895343	**3.238739005**
206.86	205.934	7.62	-0.14	-73.69	199.46	8.328269829	**8.882089859**		281.86	254.075	8.89	0.07	-81.22	191.93	8.655013286	**2.678672396**
206.9	205.959	7.53	-0.09	-74.87	198.28	8.377832863	**10.65931318**		281.9	254.101	8.94	0.05	-83.67	189.48	8.766923686	**1.954899871**
206.94	205.984	7.53	0	-76.84	196.31	8.461905659	**11.65471682**		281.94	254.127	8.94	0	-85.13	188.02	8.835	**1.181434599**
206.98	206.008	7.53	0	-76.22	196.93	8.435264815	**11.34042968**		281.98	254.153	8.94	0	-84.84	188.31	8.821393978	**1.335548574**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
207.02	206.033	7.62	0.09	-80.54	192.61	8.624457193	**12.36676832**		282.02	254.179	8.94	0	-83.84	189.31	8.774796366	**1.865148555**
207.06	206.058	7.62	0	-81.64	191.51	8.673994569	**12.93721518**		282.06	254.205	8.94	0	-86	187.15	8.876071066	**0.717654681**
207.1	206.083	7.62	0	-84.07	189.08	8.785470171	**14.20831173**		282.1	254.231	8.91	-0.03	-87.01	186.14	8.924232836	**0.159612534**
207.14	206.108	7.62	0	-85.3	187.85	8.842995475	**14.85750849**		282.14	254.258	8.85	-0.06	-88.95	184.2	9.018223127	**1.882930674**
207.18	206.132	7.62	0	-86.43	186.72	8.896511889	**15.45740285**		282.18	254.284	8.85	0	-91.05	182.1	9.122222405	**3.029368312**
207.22	206.157	7.62	0	-88.51	184.64	8.996732561	**16.57043652**		282.22	254.31	8.85	0	-92.15	181	9.177661326	**3.635095202**
207.26	206.182	7.74	0.12	-86.45	186.7	8.897464917	**13.91395772**		282.26	254.336	8.89	0.04	-92.87	180.28	9.214314955	**3.58273655**
207.3	206.207	7.95	0.21	-78.44	194.71	8.53144009	**7.055695221**		282.3	254.362	9.03	0.14	-91.71	181.44	9.155405093	**1.379183933**
207.34	206.232	7.93	-0.02	-67.22	205.93	8.066608556	**1.707968984**		282.34	254.388	9.03	0	-85.73	187.42	8.863284068	**1.863446995**
207.38	206.256	7.9	-0.03	-55.85	217.3	7.644531523	**3.286924104**		282.38	254.414	9.03	0	-76.61	196.54	8.452003155	**6.612478448**
207.42	206.281	7.93	0.03	-44.48	228.67	7.264427778	**8.760740868**		282.42	254.44	9.03	0	-68.13	205.02	8.102412935	**10.82844627**
207.46	206.306	7.96	0.03	-38.04	235.11	7.065444685	**11.90720585**		282.46	254.466	9.03	0	-57.9	215.25	7.717336585	**15.67608566**
207.5	206.331	7.92	-0.04	-30.6	242.55	6.848718615	**14.5074385**		282.5	254.492	8.98	-0.05	-54.59	218.56	7.600460743	**16.64054188**
207.54	206.356	7.82	-0.1	-28.71	244.44	6.795764605	**14.01548838**		282.54	254.518	8.89	-0.09	-53.06	220.09	7.547624608	**16.3329608**
207.58	206.381	7.75	-0.07	-27.17	245.98	6.753218554	**13.74565848**		282.58	254.544	8.76	-0.13	-51.68	221.47	7.500594663	**15.49027404**
207.62	206.405	7.67	-0.08	-29.72	243.43	6.823960481	**11.67437319**		282.62	254.571	8.67	-0.09	-52.7	220.45	7.535299161	**14.00407148**
207.66	206.43	7.58	-0.09	-40.7	232.45	7.146296838	**5.890186335**		282.66	254.597	8.55	-0.12	-56.38	216.77	7.663222309	**10.93894445**
207.7	206.455	7.55	-0.03	-55.7	217.45	7.63925822	**1.175280833**		282.7	254.623	8.49	-0.06	-63.16	209.99	7.910646697	**7.065005585**
207.74	206.48	7.53	-0.02	-62.73	210.42	7.894481038	**4.726007144**		282.74	254.649	8.54	0.05	-71.64	201.51	8.243544737	**3.532689517**
207.78	206.505	7.65	0.12	-67.18	205.97	8.065041996	**5.28209847**		282.78	254.675	8.64	0.1	-76.38	196.77	8.442123799	**2.316763454**
207.82	206.53	7.78	0.13	-69.83	203.32	8.170158863	**4.892225416**		282.82	254.701	8.76	0.12	-78.39	194.76	8.529249846	**2.669290526**
207.86	206.555	7.67	-0.11	-73.23	199.92	8.309107143	**7.99928478**		282.86	254.727	8.85	0.09	-81.17	191.98	8.652759142	**2.253825889**
207.9	206.579	7.61	-0.06	-74.77	198.38	8.373609739	**9.554909703**		282.9	254.753	8.88	0.03	-83.73	189.42	8.769700665	**1.249872017**
207.94	206.604	7.55	-0.06	-76.5	196.65	8.447275362	**11.21785232**		282.94	254.779	8.94	0.06	-84.8	188.35	8.819520573	**1.356786926**
207.98	206.629	7.57	0.02	-77.3	195.85	8.481780444	**11.36048985**		282.98	254.805	8.94	0	-83.89	189.26	8.777114551	**1.838735626**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
208.02	206.654	7.62	0.05	-80.47	192.68	8.621323957	**12.33057058**		283.02	254.831	8.94	0	-85.29	187.86	8.842524752	**1.096303803**
208.06	206.679	7.62	0	-81.8	191.35	8.681247452	**13.02044467**		283.06	254.857	8.94	0	-85.91	187.24	8.871804636	**0.765732228**
208.1	206.704	7.56	-0.06	-82.74	190.41	8.724104301	**14.29743116**		283.1	254.883	8.94	0	-86.28	186.87	8.889370686	**0.567931593**
208.14	206.728	7.53	-0.03	-84.47	188.68	8.804095294	**15.60043909**		283.14	254.909	8.85	-0.09	-89.63	183.52	9.051638514	**2.252738076**
208.18	206.753	7.53	0	-85.53	187.62	8.853835945	**16.16026857**		283.18	254.936	8.85	0	-91.82	181.33	9.160959025	**3.452997973**
208.22	206.778	7.53	0	-88.39	184.76	8.990889262	**17.68535868**		283.22	254.962	8.85	0	-91.97	181.18	9.168543437	**3.535729051**
208.26	206.803	7.73	0.2	-86.05	187.1	8.878443079	**13.82962958**		283.26	254.988	8.89	0.04	-92.74	180.41	9.207675295	**3.510675156**
208.3	206.828	7.93	0.2	-78.15	195	8.518752308	**7.158625733**		283.3	255.014	9.03	0.14	-91.33	181.82	9.136270487	**1.169975834**
208.34	206.853	7.93	0	-66.68	206.47	8.045511212	**1.446103486**		283.34	255.04	9.03	0	-85.25	187.9	8.840642363	**2.119203476**
208.38	206.878	7.96	0.03	-56.15	217	7.6551	**3.905194331**		283.38	255.066	9.03	0	-76.4	196.75	8.442981957	**6.719151255**
208.42	206.902	8.04	0.08	-47.63	225.52	7.365895264	**8.751256894**		283.42	255.092	9.03	0	-71.58	201.57	8.241090936	**9.135601993**
208.46	206.927	8.04	0	-40.04	233.11	7.126063661	**12.05238695**		283.46	255.118	9.03	0	-59.34	213.81	7.769312474	**15.00879906**
208.5	206.952	8	-0.04	-31.03	242.12	6.860881794	**15.3304255**		283.5	255.144	8.97	-0.06	-55.16	217.99	7.620334419	**16.27050482**
208.54	206.977	7.9	-0.1	-30.97	242.18	6.859182013	**14.10400638**		283.54	255.17	8.92	-0.05	-53.33	219.82	7.556895187	**16.54565132**
208.58	207.002	7.83	-0.07	-30.48	242.67	6.845331932	**13.41936349**		283.58	255.196	8.82	-0.1	-52.19	220.96	7.517906861	**15.93953436**
208.62	207.027	7.72	-0.11	-32.34	240.81	6.898204809	**11.24344886**		283.62	255.222	8.7	-0.12	-52.71	220.44	7.535640991	**14.34324656**
208.66	207.052	7.62	-0.1	-46.03	227.12	7.314004491	**4.097969961**		283.66	255.249	8.58	-0.12	-56.58	216.57	7.67029921	**11.19611126**
208.7	207.077	7.56	-0.06	-55.64	217.51	7.637150936	**1.015334202**		283.7	255.274	8.58	0	-61.88	211.27	7.862719269	**8.724599856**
208.74	207.101	7.53	-0.03	-63.36	209.79	7.918188188	**5.025679173**		283.74	255.301	8.59	0.01	-74.88	198.27	8.378255409	**2.495773261**
208.78	207.126	7.68	0.15	-66.1	207.05	8.022973678	**4.368264061**		283.78	255.327	8.7	0.11	-77.01	196.14	8.469239829	**2.688065093**
208.82	207.151	7.79	0.11	-69.73	203.42	8.166142464	**4.714704255**		283.82	255.353	8.82	0.12	-79.58	193.57	8.581684662	**2.738991572**
208.86	207.176	7.73	-0.06	-72.77	200.38	8.290032438	**6.99165174**		283.86	255.379	8.92	0.1	-82.07	191.08	8.693514235	**2.571727165**
208.9	207.201	7.68	-0.05	-74.66	198.49	8.368969218	**8.585837611**		283.9	255.405	8.97	0.05	-84.36	188.79	8.798965517	**1.925092179**
208.94	207.226	7.56	-0.12	-76.17	196.98	8.433123667	**10.9187384**		283.94	255.431	9.03	0.06	-86.94	186.21	8.920878041	**1.215784084**
208.98	207.251	7.6	0.04	-78.38	194.77	8.528811932	**11.51742529**		283.98	255.457	9.03	0	-85.66	187.49	8.859974932	**1.900785984**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
209.02	207.275	7.59	-0.01	-77	196.15	8.468808055	**10.94487277**		284.02	255.483	9.03	0	-85.56	187.59	8.855251879	**1.95410299**
209.06	207.3	7.53	-0.06	-81.18	191.97	8.653209877	**13.88117543**		284.06	255.509	9.03	0	-85.37	187.78	8.846291937	**2.055326275**
209.1	207.325	7.45	-0.08	-82.16	190.99	8.69761087	**15.45257537**		284.1	255.535	8.94	-0.09	-90.27	182.88	9.083315289	**1.590332149**
209.14	207.35	7.45	0	-83.72	189.43	8.769237713	**16.2675674**		284.14	255.561	8.94	0	-91.1	182.05	9.124727822	**2.04517692**
209.18	207.375	7.45	0	-85.05	188.1	8.831242424	**16.96728528**		284.18	255.587	8.94	0	-91.99	181.16	9.169555641	**2.535188008**
209.22	207.4	7.45	0	-85.46	187.69	8.850533859	**17.18390172**		284.22	255.614	8.94	0	-93.12	180.03	9.227110482	**3.16077212**
209.26	207.425	7.7	0.25	-84.2	188.95	8.791514686	**13.23728847**		284.26	255.64	8.96	0.02	-93.53	179.62	9.248172253	**3.165306748**
209.3	207.45	7.87	0.17	-74	199.15	8.341233743	**5.8136691**		284.3	255.666	9.09	0.13	-92.52	180.63	9.196460721	**1.164366604**
209.34	207.475	7.87	0	-63.66	209.49	7.929527424	**0.753534231**		284.34	255.692	9.12	0.03	-86.35	186.8	8.89270182	**2.523754428**
209.38	207.5	7.94	0.07	-51.2	221.95	7.484373508	**5.907876806**		284.38	255.718	9.12	0	-77.65	195.5	8.496965217	**7.073122696**
209.42	207.524	7.96	0.02	-43.27	229.88	7.226190621	**9.664166572**		284.42	255.744	9.12	0	-68	205.15	8.097278577	**11.88017513**
209.46	207.549	7.96	0	-38.38	234.77	7.075677046	**11.7629948**		284.46	255.77	9.12	0	-62.14	211.01	7.872407469	**14.6841174**
209.5	207.574	7.93	-0.03	-30.27	242.88	6.839413291	**14.76817918**		284.5	255.796	9.06	-0.06	-57.79	215.36	7.713394781	**16.0564422**
209.54	207.599	7.85	-0.08	-23.37	249.78	6.650479222	**16.54456739**		284.54	255.822	8.99	-0.07	-54.83	218.32	7.608815958	**16.64195862**
209.58	207.624	7.75	-0.1	-23.78	249.37	6.661413562	**15.10728192**		284.58	255.848	8.88	-0.11	-53.63	219.52	7.567222577	**15.96351502**
209.62	207.649	7.59	-0.16	-30.76	242.39	6.853239408	**10.20215163**		284.62	255.874	8.76	-0.12	-55	218.15	7.614745359	**13.98806047**
209.66	207.674	7.53	-0.06	-39.43	233.72	7.107464915	**5.773336943**		284.66	255.9	8.67	-0.09	-58.85	214.3	7.75154783	**11.1859391**
209.7	207.699	7.45	-0.08	-50.39	222.76	7.457158826	**0.096045474**		284.7	255.926	8.58	-0.09	-63.4	209.75	7.919698212	**8.003804425**
209.74	207.724	7.45	0	-58.66	214.49	7.744681337	**3.878743234**		284.74	255.952	8.61	0.03	-74.69	198.46	8.370234304	**2.824056389**
209.78	207.748	7.6	0.15	-62.45	210.7	7.883990033	**3.668176389**		284.78	255.978	8.73	0.12	-78.02	195.13	8.513076923	**2.516059957**
209.82	207.773	7.82	0.22	-66.58	206.57	8.041616401	**2.794373481**		284.82	256.005	8.85	0.12	-79.43	193.72	8.575039748	**3.155921087**
209.86	207.798	7.87	0.05	-70.7	202.45	8.205268955	**4.17123914**		284.86	256.031	8.94	0.09	-81.89	191.26	8.685332532	**2.889789091**
209.9	207.823	8.02	0.15	-72.83	200.32	8.292515475	**3.341182734**		284.9	256.057	9	0.06	-84.41	188.74	8.801296493	**2.232461074**
209.94	207.848	8.02	0	-74.11	199.04	8.345843549	**3.98199516**		284.94	256.083	9.03	0.03	-86.83	186.32	8.915611314	**1.274837442**
209.98	207.873	7.9	-0.12	-75.84	197.31	8.41901931	**6.360912992**		284.98	256.109	9.03	0	-88.25	184.9	8.984081666	**0.509804886**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
210.02	207.898	7.87	-0.03	-76.83	196.32	8.461474633	**7.24337081**		285.02	256.135	9.03	0	-85.01	188.14	8.829364835	**2.246834276**
210.06	207.923	7.79	-0.08	-78.34	194.81	8.527060726	**9.034234023**		285.06	256.161	9.03	0	-86.68	186.47	8.908439427	**1.355308228**
210.1	207.948	7.73	-0.06	-79.61	193.54	8.583014881	**10.4580899**		285.1	256.187	9	-0.03	-86.49	186.66	8.899371585	**1.124379309**
210.14	207.973	7.68	-0.05	-80.31	192.84	8.614170815	**11.46631916**		285.14	256.213	8.94	-0.06	-89.11	184.04	9.026063356	**0.958065817**
210.18	207.998	7.7	0.02	-81.74	191.41	8.6785262	**11.94889196**		285.18	256.239	8.88	-0.06	-92.91	180.24	9.216359854	**3.717431088**
210.22	208.023	7.85	0.15	-82.68	190.47	8.721356119	**10.51641293**		285.22	256.265	8.91	0.03	-93.78	179.37	9.261062051	**3.86396843**
210.26	208.047	8.05	0.2	-82.06	191.09	8.693059291	**7.681502887**		285.26	256.291	8.96	0.05	-94.4	178.75	9.293184336	**3.650698196**
210.3	208.072	8.31	0.26	-78.61	194.54	8.538895343	**2.717036793**		285.3	256.317	9.09	0.13	-92.91	180.24	9.216359854	**1.380502236**
210.34	208.097	8.31	0	-74.13	199.02	8.346682243	**0.440450775**		285.34	256.343	9.12	0.03	-86.69	186.46	8.908917194	**2.341602701**
210.38	208.122	8.4	0.09	-68.73	204.42	8.126194599	**3.313592842**		285.38	256.37	9.12	0	-77.45	195.7	8.488281553	**7.175242453**
210.42	208.147	8.4	0	-63.19	209.96	7.911777005	**5.986141114**		285.42	256.396	9.12	0	-68.39	204.76	8.112701211	**11.69055015**
210.46	208.172	8.34	-0.06	-57.52	215.63	7.703736493	**7.931612529**		285.46	256.422	9.07	-0.05	-60.85	212.3	7.824572303	**14.74352442**
210.5	208.197	8.19	-0.15	-52.36	220.79	7.523695367	**8.480559382**		285.5	256.448	9.03	-0.04	-56.89	216.26	7.681294275	**16.14124798**
210.54	208.222	8.05	-0.14	-49.21	223.94	7.417865053	**8.173525495**		285.54	256.474	8.92	-0.11	-53.43	219.72	7.560334517	**16.50045977**
210.58	208.247	7.85	-0.2	-47.73	225.42	7.369162896	**6.318837736**		285.58	256.5	8.79	-0.13	-51.32	221.83	7.488422215	**15.9914489**
210.62	208.272	7.73	-0.12	-48.7	224.45	7.401010025	**4.34855274**		285.62	256.526	8.7	-0.09	-53.19	219.96	7.552085379	**14.1263671**
210.66	208.297	7.64	-0.09	-51.68	221.47	7.500594663	**1.841477698**		285.66	256.552	8.6	-0.1	-56.75	216.4	7.676324861	**11.34992262**
210.7	208.322	7.53	-0.11	-58.58	214.57	7.74179382	**2.773660026**		285.7	256.578	8.49	-0.11	-63.48	209.67	7.922719989	**6.912687377**
210.74	208.347	7.6	0.07	-65.13	208.02	7.985562446	**4.947687288**		285.74	256.604	8.54	0.05	-71.85	201.3	8.25214456	**3.428453568**
210.78	208.372	7.79	0.19	-67.85	205.3	8.091362396	**3.795170578**		285.78	256.63	8.64	0.1	-76.74	196.41	8.457597373	**2.13366385**
210.82	208.396	7.96	0.17	-68.99	204.16	8.136543397	**2.193556629**		285.82	256.656	8.73	0.09	-79.25	193.9	8.567079422	**1.883792907**
210.86	208.421	7.98	0.02	-71.09	202.06	8.221106107	**2.976415382**		285.86	256.682	8.81	0.08	-81.56	191.59	8.670372671	**1.597532636**
210.9	208.446	8.1	0.12	-73.53	199.62	8.32159453	**2.698818671**		285.9	256.708	8.85	0.04	-83.92	189.23	8.778506051	**0.811117504**
210.94	208.471	8.11	0.01	-75.13	198.02	8.388832946	**3.380032358**		285.94	256.734	8.89	0.04	-85.41	187.74	8.848176734	**0.471562177**
210.98	208.496	7.96	-0.15	-77.01	196.14	8.469239829	**6.199189177**		285.98	256.761	8.94	0.05	-87.09	186.06	8.928069977	**0.133534541**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
211.02	208.521	7.87	-0.09	-71.57	201.58	8.240682111	**4.601693569**		286.02	256.787	8.94	0	-89.26	183.89	9.033425961	**1.039601035**
211.06	208.546	7.87	0	-78.52	194.63	8.534946822	**8.10666233**		286.06	256.813	8.89	-0.05	-86.11	187.04	8.881291168	**0.098010125**
211.1	208.571	7.87	0	-79.15	194	8.562663402	**8.430324228**		286.1	256.839	8.85	-0.04	-84.98	188.17	8.827957166	**0.249382136**
211.14	208.596	7.81	-0.06	-80.43	192.72	8.619534558	**9.854625584**		286.14	256.865	8.85	0	-91.24	181.91	9.131750316	**3.133736273**
211.18	208.621	7.87	0.06	-81.9	191.25	8.685786667	**9.855003366**		286.18	256.891	8.76	-0.09	-89.55	183.6	9.047694444	**3.231125122**
211.22	208.646	7.9	0.03	-82.44	190.71	8.710380683	**9.757520892**		286.22	256.917	8.79	0.03	-90.85	182.3	9.112214482	**3.59971647**
211.26	208.671	8.09	0.19	-82.25	190.9	8.701711367	**7.285872819**		286.26	256.943	8.87	0.08	-92.7	180.45	9.205634248	**3.71366496**
211.3	208.696	8.48	0.39	-79.36	193.79	8.571942309	**1.078379307**		286.3	256.969	8.97	0.1	-90.8	182.35	9.109715931	**1.545554493**
211.34	208.721	8.49	0.01	-71.32	201.83	8.230474657	**3.104282007**		286.34	256.995	8.98	0.01	-83.56	189.59	8.761837122	**2.459304257**
211.38	208.746	8.46	-0.03	-64.86	208.29	7.975211004	**5.899394854**		286.38	257.021	9	0.02	-75.56	197.59	8.407088922	**6.812294476**
211.42	208.771	8.49	0.03	-57.08	216.07	7.68804878	**9.914066033**		286.42	257.047	9.03	0.03	-66.28	206.87	8.029954561	**11.72389335**
211.46	208.796	8.36	-0.13	-52.5	220.65	7.528469069	**10.46709948**		286.46	257.073	9.01	-0.02	-58.41	214.74	7.73566499	**15.21987942**
211.5	208.821	8.22	-0.14	-47.22	225.93	7.352528217	**11.14105264**		286.5	257.099	8.94	-0.07	-55.22	217.93	7.622432432	**15.91031478**
211.54	208.846	7.92	-0.3	-42.72	230.43	7.208942846	**9.399958229**		286.54	257.125	8.88	-0.06	-52.48	220.67	7.52778674	**16.48257966**
211.58	208.871	7.68	-0.24	-41.75	231.4	7.178723855	**6.747230113**		286.58	257.151	8.85	-0.03	-51.76	221.39	7.503305027	**16.47000371**
211.62	208.895	7.56	-0.12	-44.17	228.98	7.254592978	**4.123056542**		286.62	257.177	8.67	-0.18	-53.44	219.71	7.560678622	**13.66943926**
211.66	208.92	7.47	-0.09	-47.97	225.18	7.377017053	**1.252547184**		286.66	257.204	8.6	-0.07	-56.2	216.95	7.656864254	**11.6029233**
211.7	208.945	7.45	-0.02	-56.09	217.06	7.652983968	**2.687998186**		286.7	257.23	8.55	-0.05	-62.96	210.19	7.903119558	**7.863316609**
211.74	208.97	7.47	0.02	-63.09	210.06	7.908010568	**5.696583007**		286.74	257.256	8.6	0.05	-70.74	202.41	8.20689047	**4.677956709**
211.78	208.995	7.65	0.18	-66.72	206.43	8.047070193	**5.059163123**		286.78	257.282	8.7	0.1	-76.23	196.92	8.435693175	**3.084868787**
211.82	209.02	7.79	0.14	-68.46	204.69	8.115475597	**4.092623264**		286.82	257.308	8.82	0.12	-79.19	193.96	8.564429264	**2.940225789**
211.86	209.045	7.83	0.04	-72.41	200.74	8.275165388	**5.52823119**		286.86	257.334	8.92	0.1	-82.27	190.88	8.702623114	**2.467020768**
211.9	209.07	8.02	0.19	-72.56	200.59	8.281353507	**3.206525238**		286.9	257.36	8.97	0.05	-85	188.15	8.828895562	**1.585541501**
211.94	209.095	8.04	0.02	-71.17	201.98	8.224362313	**2.267070907**		286.94	257.386	9.03	0.06	-86.77	186.38	8.912741174	**1.307033579**
211.98	209.12	7.93	-0.11	-73.56	199.59	8.322845333	**4.834173031**		286.98	257.412	9.03	0	-88.25	184.9	8.984081666	**0.509804886**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
212.02	209.145	7.87	-0.06	-71.61	201.54	8.242317654	**4.621528225**		287.02	257.438	9.09	0.06	-88.34	184.81	8.988456793	**1.123361443**
212.06	209.17	7.83	-0.04	-74.05	199.1	8.343328478	**6.34783964**		287.06	257.464	9.05	-0.04	-90	183.15	9.069924652	**0.21991981**
212.1	209.195	7.73	-0.1	-76.89	196.26	8.464061449	**9.065810345**		287.1	257.49	9.03	-0.02	-90.67	182.48	9.103226107	**0.807645661**
212.14	209.22	7.7	-0.03	-78.9	194.25	8.551643243	**10.48070316**		287.14	257.516	9.01	-0.02	-91.62	181.53	9.150865973	**1.551313388**
212.18	209.245	7.68	-0.02	-80.45	192.7	8.620429165	**11.53870435**		287.18	257.542	8.94	-0.07	-92.6	180.55	9.200535586	**2.87241338**
212.22	209.27	7.79	0.11	-80.91	192.24	8.641056492	**10.35912076**		287.22	257.568	8.94	0	-93.61	179.54	9.252293082	**3.433245946**
212.26	209.295	8.02	0.23	-80.87	192.28	8.639258893	**7.434411065**		287.26	257.594	9.05	0.11	-94.22	178.93	9.283835578	**2.550863699**
212.3	209.32	8.37	0.35	-75	198.15	8.383329296	**0.159124145**		287.3	257.62	9.18	0.13	-93.19	179.96	9.2306996	**0.550762339**
212.34	209.345	8.36	-0.01	-68.75	204.4	8.126989726	**2.826595732**		287.34	257.646	9.21	0.03	-88.32	184.83	8.987484175	**2.445566906**
212.38	209.37	8.31	-0.05	-61.58	211.57	7.851570166	**5.673085342**		287.38	257.673	9.21	0	-80.72	192.43	8.632524554	**6.47302397**
212.42	209.395	8.25	-0.06	-53.86	219.29	7.575159378	**8.528705536**		287.42	257.699	9.21	0	-72.32	200.83	8.271456954	**10.73758382**
212.46	209.42	8.16	-0.09	-47.59	225.56	7.364589023	**10.24711155**		287.46	257.725	9.16	-0.05	-65.69	207.46	8.007117999	**13.43128184**
212.5	209.445	7.99	-0.17	-39.99	233.16	7.124535512	**11.45208183**		287.5	257.751	9.12	-0.04	-60.5	212.65	7.811693863	**15.45393092**
212.54	209.47	7.77	-0.22	-33.17	239.98	6.922063089	**11.54278887**		287.54	257.777	9.07	-0.05	-57.84	215.31	7.715186011	**16.1429726**
212.58	209.495	7.56	-0.21	-33.58	239.57	6.933909505	**8.639359798**		287.58	257.803	8.94	-0.13	-56.48	216.67	7.666759127	**15.33400784**
212.62	209.52	7.45	-0.11	-38.7	234.45	7.085334613	**5.017640072**		287.62	257.829	8.82	-0.12	-56.79	216.36	7.677744038	**13.8474201**
212.66	209.545	7.39	-0.06	-44.01	229.14	7.249527363	**1.919087049**		287.66	257.855	8.72	-0.1	-59.95	213.2	7.791541745	**11.24617276**
212.7	209.57	7.36	-0.03	-52.77	220.38	7.537692622	**2.385505277**		287.7	257.881	8.67	-0.05	-65.96	207.19	8.017552488	**7.819571053**
212.74	209.595	7.49	0.13	-60.28	212.87	7.80362052	**4.101324721**		287.74	257.907	8.69	0.02	-72.97	200.18	8.298315016	**4.611228166**
212.78	209.62	7.82	0.33	-63.69	209.46	7.930663134	**1.40518698**		287.78	257.933	8.79	0.1	-78.83	194.32	8.54856268	**2.784975022**
212.82	209.645	7.9	0.08	-66.85	206.3	8.052141057	**1.907468799**		287.82	257.959	8.88	0.09	-81.27	191.88	8.657268605	**2.540092185**
212.86	209.67	7.87	-0.03	-69.88	203.27	8.172168544	**3.767178277**		287.86	257.985	8.96	0.08	-84.19	188.96	8.791049428	**1.903555868**
212.9	209.695	8.05	0.18	-71.29	201.86	8.229251461	**2.202207661**		287.9	258.011	9.03	0.07	-86.49	186.66	8.899371585	**1.457144381**
212.94	209.72	8.05	0	-71.88	201.27	8.253374571	**2.494877003**		287.94	258.037	9.1	0.07	-88.11	185.04	8.977284371	**1.357677697**
212.98	209.745	7.96	-0.09	-70.79	202.36	8.208918264	**3.078972389**		287.98	258.063	9.12	0.02	-87.04	186.11	8.925671377	**2.153742233**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
213.02	209.77	7.96	0	-72.26	200.89	8.26898651	**3.807834948**		288.02	258.089	9.12	0	-85.96	187.19	8.874174368	**2.7322802**
213.06	209.795	7.87	-0.09	-73.53	199.62	8.32159453	**5.578135356**		288.06	258.116	9.12	0	-86.58	186.57	8.903664576	**2.400570903**
213.1	209.82	7.79	-0.08	-76.83	196.32	8.461474633	**8.263553289**		288.1	258.142	9.03	-0.09	-88.39	184.76	8.990889262	**0.434060025**
213.14	209.845	7.7	-0.09	-80.19	192.96	8.608813744	**11.14506252**		288.14	258.168	8.97	-0.06	-88.01	185.14	8.972435454	**0.027147421**
213.18	209.87	7.76	0.06	-80.45	192.7	8.620429165	**10.50557535**		288.18	258.194	8.94	-0.03	-93.81	179.34	9.262611241	**3.544669904**
213.22	209.895	7.82	0.06	-80.82	192.33	8.637012946	**9.929055159**		288.22	258.22	8.94	0	-92.95	180.2	9.21840566	**3.066410847**
213.26	209.92	8	0.18	-80.06	193.09	8.603017764	**7.263953726**		288.26	258.246	9.03	0.09	-95.16	177.99	9.33286533	**3.298671793**
213.3	209.945	8.34	0.34	-75.21	197.94	8.392223401	**0.624225481**		288.3	258.272	9.15	0.12	-94	179.15	9.272434831	**1.329192718**
213.34	209.97	8.34	0	-68.99	204.16	8.136543397	**2.469651525**		288.34	258.298	9.14	-0.01	-87.53	185.62	8.94923338	**2.109173075**
213.38	209.995	8.22	-0.12	-62.51	210.64	7.886235758	**4.144534419**		288.38	258.324	9.12	-0.02	-77.32	195.83	8.482646683	**7.241562341**
213.42	210.02	8.28	0.06	-55.59	217.56	7.635395753	**8.10038603**		288.42	258.35	9.12	0	-68.18	204.97	8.104389423	**11.79270338**
213.46	210.045	8.16	-0.12	-47.08	226.07	7.347974964	**10.47235424**		288.46	258.376	9.12	0	-62.54	210.61	7.8873591	**14.49538277**
213.5	210.07	7.96	-0.2	-38.7	234.45	7.085334613	**11.6270646**		288.5	258.402	9.06	-0.06	-58.37	214.78	7.734224323	**15.7884717**
213.54	210.095	7.77	-0.19	-38.12	235.03	7.067849636	**9.464314318**		288.54	258.428	8.98	-0.08	-55.46	217.69	7.630836051	**16.24438342**
213.58	210.12	7.59	-0.18	-38.75	234.4	7.08684599	**6.856432378**		288.58	258.454	8.85	-0.13	-53.39	219.76	7.558958409	**15.73581404**
213.62	210.145	7.48	-0.11	-41.13	232.02	7.159540988	**4.377992622**		288.62	258.48	8.76	-0.09	-54.92	218.23	7.611953902	**14.02454594**
213.66	210.17	7.36	-0.12	-45.98	227.17	7.312394682	**0.648909992**		288.66	258.506	8.65	-0.11	-58.61	214.54	7.742876387	**11.06729035**
213.7	210.195	7.45	0.09	-54.28	218.87	7.58969571	**1.8576933**		288.7	258.532	8.58	-0.07	-64.92	208.23	7.977509004	**7.277556006**
213.74	210.22	7.51	0.06	-60.67	212.48	7.817943806	**4.018070661**		288.74	258.558	8.6	0.02	-72.77	200.38	8.290032438	**3.670419968**
213.78	210.245	7.82	0.31	-64.26	208.89	7.952303605	**1.677670023**		288.78	258.584	8.7	0.1	-78.45	194.7	8.531878274	**1.951287295**
213.82	210.27	7.9	0.08	-65.69	207.46	8.007117999	**1.346793287**		288.82	258.61	8.76	0.06	-80.29	192.86	8.613277507	**1.689059453**
213.86	210.295	7.83	-0.07	-69.54	203.61	8.158522175	**4.109475174**		288.86	258.636	8.85	0.09	-83.5	189.65	8.75906512	**1.032818942**
213.9	210.32	7.93	0.1	-71.31	201.84	8.230066885	**3.713683697**		288.9	258.663	8.91	0.06	-85.49	187.66	8.851948737	**0.653658715**
213.94	210.346	8	0.07	-72.44	200.71	8.276402272	**3.396355869**		288.94	258.689	8.94	0.03	-87.04	186.11	8.925671377	**0.160403968**
213.98	210.371	7.87	-0.13	-74.28	198.87	8.352977825	**5.954243788**		288.98	258.715	8.94	0	-87.97	185.18	8.970497354	**0.340552843**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
214.02	210.396	7.87	0	-74.82	198.33	8.375720768	**6.225895122**		289.02	258.741	8.94	0	-87.08	186.07	8.927590154	**0.138909004**
214.06	210.421	7.87	0	-74.69	198.46	8.370234304	**6.160432107**		289.06	258.767	8.94	0	-86.25	186.9	8.88794382	**0.583984113**
214.1	210.446	7.79	-0.08	-74.54	198.61	8.363912693	**7.105556457**		289.1	258.793	8.94	0	-90.71	182.44	9.105221991	**1.831199316**
214.14	210.471	7.7	-0.09	-75.34	197.81	8.397738739	**8.668779516**		289.14	258.819	8.87	-0.07	-91.86	181.29	9.162980308	**3.249383106**
214.18	210.496	7.7	0	-79.68	193.47	8.586120329	**10.88190816**		289.18	258.845	8.85	-0.02	-92.55	180.6	9.197988372	**3.856256608**
214.22	210.521	7.73	0.03	-81.27	191.88	8.657268605	**11.31693912**		289.22	258.871	8.85	0	-94.05	179.1	9.275023451	**4.68990787**
214.26	210.546	7.92	0.19	-79.94	193.21	8.597674551	**8.20544743**		289.26	258.897	8.87	0.02	-93.54	179.61	9.248687156	**4.180072786**
214.3	210.571	8.25	0.33	-74.24	198.91	8.351298075	**1.2203633**		289.3	258.923	9	0.13	-92.56	180.59	9.198497702	**2.181473496**
214.34	210.596	8.29	0.04	-66.66	206.49	8.044731948	**3.003025118**		289.34	258.949	9.03	0.03	-86.12	187.03	8.881766027	**1.655157542**
214.38	210.621	8.19	-0.1	-55.67	217.48	7.638204433	**6.972307816**		289.38	258.975	9.03	0	-76.72	196.43	8.456736242	**6.55655521**
214.42	210.646	8.13	-0.06	-46.18	226.97	7.318838172	**10.50126642**		289.42	259.001	9.04	0.01	-67.48	205.67	8.076806049	**11.25436543**
214.46	210.671	8.1	-0.03	-39.27	233.88	7.102602617	**13.12140307**		289.46	259.027	9.03	-0.01	-60.78	212.37	7.821993219	**14.3366635**
214.5	210.696	7.91	-0.19	-33.11	240.04	6.920332861	**13.34652631**		289.5	259.053	8.99	-0.04	-54.52	218.63	7.598027261	**16.78286052**
214.54	210.721	7.75	-0.16	-34.14	239.01	6.950155642	**10.88212094**		289.54	259.079	8.93	-0.06	-51.02	222.13	7.478308648	**17.69458855**
214.58	210.746	7.59	-0.16	-38.93	234.22	7.092292289	**6.779700348**		289.58	259.105	8.84	-0.09	-51.79	221.36	7.504321919	**16.34424588**
214.62	210.771	7.53	-0.06	-44.73	228.42	7.272378513	**3.48081204**		289.62	259.131	8.73	-0.11	-52.14	221.01	7.516206054	**14.94249109**
214.66	210.796	7.45	-0.08	-49	224.15	7.410915458	**0.526004494**		289.66	259.157	8.63	-0.1	-55.67	217.48	7.638204433	**12.19305513**
214.7	210.821	7.45	0	-54.98	218.17	7.614047303	**2.177997709**		289.7	259.183	8.58	-0.05	-62.67	210.48	7.892230616	**8.350652687**
214.74	210.847	7.6	0.15	-59.34	213.81	7.769312474	**2.203253711**		289.74	259.209	8.58	0	-71.49	201.66	8.237412972	**4.074194149**
214.78	210.872	7.9	0.3	-62.66	210.49	7.89185567	**0.103145952**		289.78	259.235	8.76	0.18	-77.22	195.93	8.478317256	**3.26810024**
214.82	210.897	8.04	0.14	-65.31	207.84	7.992478349	**0.592817283**		289.82	259.261	8.76	0	-79.79	193.36	8.591004861	**1.947957942**
214.86	210.922	8.07	0.03	-68.67	204.48	8.123810153	**0.664576799**		289.86	259.287	8.85	0.09	-82.69	190.46	8.721814029	**1.458995305**
214.9	210.947	8.22	0.15	-70.54	202.61	8.1987893	**0.258371065**		289.9	259.314	8.94	0.09	-85.38	187.77	8.846763061	**1.048385684**
214.94	210.972	8.29	0.07	-72.31	200.84	8.271045111	**0.228909339**		289.94	259.34	8.96	0.02	-86.89	186.26	8.918483303	**0.464431981**
214.98	210.997	8.22	-0.07	-74.21	198.94	8.350038705	**1.56956429**		289.98	259.366	9.03	0.07	-88.11	185.04	8.977284371	**0.58549227**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
215.02	211.022	8.13	-0.09	-75.12	198.03	8.388409332	**3.128743534**		290.02	259.392	9.03	0	-88.94	184.21	9.017733565	**0.135933246**
215.06	211.047	8.07	-0.06	-76.72	196.43	8.456736242	**4.680128445**		290.06	259.418	9.03	0	-87.85	185.3	8.964688073	**0.725902292**
215.1	211.072	7.96	-0.11	-77.28	195.87	8.480914382	**6.336805483**		290.1	259.444	9.03	0	-86.71	186.44	8.909872881	**1.339219285**
215.14	211.097	7.87	-0.09	-79.05	194.1	8.558251932	**8.378882121**		290.14	259.47	8.94	-0.09	-87.77	185.38	8.960819398	**0.232608324**
215.18	211.122	7.87	0	-79.86	193.29	8.594116095	**8.796294812**		290.18	259.496	8.94	0	-90.1	183.05	9.074879541	**1.497423736**
215.22	211.147	7.96	0.09	-80.75	192.4	8.633870582	**8.121921631**		290.22	259.522	8.94	0	-94.02	179.13	9.273470106	**3.661796501**
215.26	211.172	8.11	0.15	-80.45	192.7	8.620429165	**6.101805991**		290.26	259.548	8.94	0	-94.61	178.54	9.304115044	**3.991588996**
215.3	211.198	8.4	0.29	-77.67	195.48	8.497834561	**1.157953828**		290.3	259.574	9.12	0.18	-92.61	180.54	9.201045198	**0.884722426**
215.34	211.223	8.49	0.09	-73.16	199.99	8.30619881	**2.188604602**		290.34	259.6	9.12	0	-87.61	185.54	8.953092056	**1.847032526**
215.38	211.248	8.31	-0.18	-67.96	205.19	8.095700083	**2.612505606**		290.38	259.626	9.12	0	-78.99	194.16	8.555607231	**6.386120278**
215.42	211.273	8.22	-0.09	-60.68	212.47	7.818311762	**5.009108743**		290.42	259.652	9.12	0	-69.83	203.32	8.170158863	**10.98707241**
215.46	211.298	8.18	-0.04	-56.1	217.05	7.653336558	**6.652589486**		290.46	259.678	9.12	0	-63.28	209.87	7.915169867	**14.14520832**
215.5	211.323	8.09	-0.09	-46.63	226.52	7.333377627	**9.811370656**		290.5	259.704	9.1	-0.02	-57.75	215.4	7.711962396	**16.51249951**
215.54	211.348	7.87	-0.22	-44.72	228.43	7.27206015	**7.897734448**		290.54	259.73	9.04	-0.06	-54.12	219.03	7.584151486	**17.51486102**
215.58	211.373	7.68	-0.19	-43.79	229.36	7.242573683	**5.862612254**		290.58	259.756	8.93	-0.11	-53.55	219.6	7.564465847	**16.55748256**
215.62	211.398	7.56	-0.12	-44.67	228.48	7.27046875	**3.904546173**		290.62	259.782	8.79	-0.14	-54.71	218.44	7.604636056	**14.46038741**
215.66	211.423	7.47	-0.09	-49.08	224.07	7.413561387	**0.758401991**		290.66	259.808	8.72	-0.07	-57.88	215.27	7.716619594	**12.20908472**
215.7	211.448	7.45	-0.02	-55.9	217.25	7.646290909	**2.600518369**		290.7	259.834	8.67	-0.05	-64.57	208.58	7.964122639	**8.487100601**
215.74	211.473	7.53	0.08	-60.41	212.74	7.808389113	**3.62996546**		290.74	259.86	8.67	0	-71.9	201.25	8.254194783	**4.913737082**
215.78	211.499	7.85	0.32	-62.49	210.66	7.885487041	**0.451044707**		290.78	259.886	8.79	0.12	-79.26	193.89	8.567521275	**2.563484976**
215.82	211.524	7.93	0.08	-64.82	208.33	7.973679739	**0.549303552**		290.82	259.912	8.85	0.06	-81.32	191.83	8.6595251	**2.175671796**
215.86	211.549	7.87	-0.06	-68.54	204.61	8.118648649	**3.11031475**		290.86	259.938	8.94	0.09	-84.71	188.44	8.815308321	**1.404556618**
215.9	211.574	7.99	0.12	-69.41	203.74	8.153316482	**2.023332467**		290.9	259.964	9.03	0.09	-86.86	186.29	8.917047077	**1.258735461**
215.94	211.599	8.07	0.08	-69.6	203.55	8.160927045	**1.120417148**		290.94	259.99	9.03	0	-88.12	185.03	8.977769551	**0.580087933**
215.98	211.624	8.04	-0.03	-71.32	201.83	8.230474657	**2.341353414**		290.98	260.017	9.09	0.06	-87.78	185.37	8.9613028	**1.42590484**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
216.02	211.649	7.93	-0.11	-71.65	201.5	8.243953846	**3.882215185**		291.02	260.042	9.12	0.03	-87.65	185.5	8.955022642	**1.825473326**
216.06	211.674	7.81	-0.12	-70.22	202.93	8.185860642	**4.69947382**		291.06	260.068	9.07	-0.05	-87.04	186.11	8.925671377	**1.604037102**
216.1	211.699	7.73	-0.08	-69.62	203.53	8.161728983	**5.433379639**		291.1	260.095	9.03	-0.04	-88.53	184.62	8.997707182	**0.358257624**
216.14	211.724	7.7	-0.03	-70.44	202.71	8.194744709	**6.225261472**		291.14	260.121	9.03	0	-92.66	180.49	9.203594105	**1.904112858**
216.18	211.749	7.7	0	-73.17	199.98	8.306614161	**7.579543747**		291.18	260.147	9.03	0	-94.56	178.59	9.301510163	**2.962223631**
216.22	211.775	7.73	0.03	-74.73	198.42	8.371921681	**7.973230699**		291.22	260.173	9.03	0	-95.09	178.06	9.329196338	**3.259362042**
216.26	211.8	7.87	0.14	-74.95	198.2	8.38121443	**6.291399724**		291.26	260.199	9.05	0.02	-95.59	177.56	9.355466884	**3.319306012**
216.3	211.825	8.22	0.35	-71.51	201.64	8.238230014	**0.221530673**		291.3	260.225	9.18	0.13	-93.97	179.18	9.270882353	**0.985127445**
216.34	211.85	8.29	0.07	-66.4	206.75	8.034615236	**3.128830426**		291.34	260.251	9.21	0.03	-87.86	185.29	8.965171893	**2.694093995**
216.38	211.875	8.1	-0.19	-61.11	212.04	7.834166667	**3.336645573**		291.38	260.277	9.21	0	-77.81	195.34	8.503924951	**7.97197742**
216.42	211.9	8.04	-0.06	-54.09	219.06	7.583112846	**5.848861987**		291.42	260.303	9.21	0	-69.5	203.65	8.156919715	**12.12742734**
216.46	211.925	8.04	0	-43.42	229.73	7.230908893	**10.59650231**		291.46	260.329	9.16	-0.05	-63.16	209.99	7.910646697	**14.63744549**
216.5	211.95	7.96	-0.08	-38.9	234.25	7.091383991	**11.54200848**		291.5	260.355	9.12	-0.04	-59.05	214.1	7.758788884	**16.12925105**
216.54	211.975	7.79	-0.17	-39.1	234.05	7.097443709	**9.303898036**		291.54	260.381	9.03	-0.09	-55.57	217.58	7.634693906	**16.74565524**
216.58	212.001	7.59	-0.2	-39.76	233.39	7.117514461	**6.425090256**		291.58	260.407	8.94	-0.09	-54.62	218.53	7.601504141	**16.18348425**
216.62	212.026	7.51	-0.08	-42.39	230.76	7.198633645	**4.233790332**		291.62	260.433	8.85	-0.09	-55.73	217.42	7.640312299	**14.67149535**
216.66	212.051	7.45	-0.06	-48.42	224.73	7.391788813	**0.784422787**		291.66	260.459	8.74	-0.11	-58.57	214.58	7.741433032	**12.11747748**
216.7	212.076	7.45	0	-54.71	218.44	7.604636056	**2.054331371**		291.7	260.485	8.67	-0.07	-65.23	207.92	7.989403136	**8.170723268**
216.74	212.101	7.53	0.08	-59.82	213.33	7.7867937	**3.353099936**		291.74	260.511	8.69	0.02	-73.01	200.14	8.299973519	**4.591254731**
216.78	212.126	7.85	0.32	-62.65	210.5	7.89148076	**0.527024881**		291.78	260.537	8.79	0.1	-79.28	193.87	8.568405117	**2.553171005**
216.82	212.151	7.93	0.08	-64.89	208.26	7.976359839	**0.582909467**		291.82	260.563	8.88	0.09	-81.67	191.48	8.675353562	**2.331441945**
216.86	212.176	7.9	-0.03	-67.79	205.36	8.088998344	**2.364104871**		291.86	260.589	8.96	0.08	-85.24	187.91	8.840171891	**1.346370248**
216.9	212.202	8.02	0.12	-69.5	203.65	8.156919715	**1.692778571**		291.9	260.615	9.03	0.07	-86.84	186.31	8.91608985	**1.269470405**
216.94	212.227	8.13	0.11	-68.08	205.07	8.100437412	**0.364285788**		291.94	260.641	9.03	0	-88.61	184.54	9.001607782	**0.314916105**
216.98	212.252	8.02	-0.11	-68.06	205.09	8.099647472	**0.988203644**		291.98	260.667	9.06	0.03	-88.73	184.42	9.007465025	**0.581542285**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
217.02	212.277	7.93	-0.09	-70.17	202.98	8.183844221	**3.150635163**		292.02	260.693	9.12	0.06	-90.41	182.74	9.09027416	**0.326473283**
217.06	212.302	7.85	-0.08	-69.54	203.61	8.158522175	**3.854474153**		292.06	260.719	9.07	-0.05	-88.49	184.66	8.99575815	**0.821906828**
217.1	212.327	7.79	-0.06	-72.86	200.29	8.293757552	**6.264177384**		292.1	260.745	9.03	-0.04	-90.96	182.19	9.117716121	**0.966690463**
217.14	212.352	7.73	-0.06	-73.97	199.18	8.339977407	**7.591515432**		292.14	260.771	8.98	-0.05	-93.06	180.09	9.224036315	**2.681123142**
217.18	212.378	7.7	-0.03	-75.92	197.23	8.422434214	**8.961850354**		292.18	260.797	9	0.02	-94.3	178.85	9.287988258	**3.149479913**
217.22	212.403	7.79	0.09	-76.55	196.6	8.449423703	**8.121269757**		292.22	260.823	8.97	-0.03	-95.54	177.61	9.352833174	**4.17875522**
217.26	212.428	7.92	0.13	-76.67	196.48	8.454584182	**6.529438252**		292.26	260.849	9.01	0.04	-95.96	177.19	9.37500254	**3.970655308**
217.3	212.453	8.22	0.3	-73.33	199.82	8.313265439	**1.128215587**		292.3	260.875	9.12	0.11	-94.83	178.32	9.315593876	**2.121915654**
217.34	212.478	8.36	0.14	-68.61	204.54	8.121427105	**2.895051427**		292.34	260.901	9.12	0	-88.44	184.71	8.993323047	**1.398715771**
217.38	212.503	8.16	-0.2	-63.1	210.05	7.908387051	**3.131776058**		292.38	260.927	9.12	0	-78.42	194.73	8.530563858	**6.678949716**
217.42	212.528	8.04	-0.12	-57	216.15	7.685203331	**4.512458904**		292.42	260.953	9.12	0	-70.33	202.82	8.190300266	**10.74157836**
217.46	212.553	8.09	0.05	-50.98	222.17	7.476962236	**7.87613864**		292.46	260.979	9.12	0	-63.13	210.02	7.909516713	**14.21629642**
217.5	212.579	8.02	-0.07	-42.35	230.8	7.197386049	**10.81150138**		292.5	261.005	9.07	-0.05	-59.8	213.35	7.786063745	**15.23411722**
217.54	212.604	7.83	-0.19	-40.25	232.9	7.132489051	**9.323461444**		292.54	261.031	8.98	-0.09	-55.59	217.56	7.635395753	**16.18504027**
217.58	212.629	7.7	-0.13	-41.85	231.3	7.181827497	**6.963828916**		292.58	261.057	8.91	-0.07	-55.03	218.12	7.615792683	**15.66287732**
217.62	212.654	7.62	-0.08	-43.14	230.01	7.22210643	**5.361685981**		292.62	261.083	8.79	-0.12	-55.04	218.11	7.616141855	**14.30998409**
217.66	212.679	7.53	-0.09	-50.35	222.8	7.455820018	**0.990002308**		292.66	261.109	8.7	-0.09	-58.52	214.63	7.739629595	**11.6836015**
217.7	212.704	7.53	0	-56.36	216.79	7.662515337	**1.744481865**		292.7	261.136	8.61	-0.09	-64.83	208.32	7.9740625	**7.669260774**
217.74	212.73	7.6	0.07	-61.38	211.77	7.844154979	**3.161778418**		292.74	261.161	8.6	-0.01	-73.09	200.06	8.303292512	**3.51064726**
217.78	212.755	7.87	0.27	-64.31	208.84	7.954207527	**1.064287449**		292.78	261.187	8.73	0.13	-78.31	194.84	8.525747793	**2.367352715**
217.82	212.78	7.99	0.12	-66.86	206.29	8.052531388	**0.779570086**		292.82	261.214	8.79	0.06	-81.18	191.97	8.653209877	**1.568405407**
217.86	212.805	7.9	-0.09	-69.78	203.37	8.16815017	**3.337660736**		292.86	261.24	8.87	0.08	-84.14	189.01	8.788723877	**0.920520911**
217.9	212.83	7.99	0.09	-71.05	202.1	8.219478971	**2.83141699**		292.9	261.266	8.94	0.07	-86.22	186.93	8.886517413	**0.600034048**
217.94	212.855	8.11	0.12	-71.65	201.5	8.243953846	**1.638183003**		292.94	261.292	8.98	0.04	-86.48	186.67	8.898894841	**0.90727262**
217.98	212.88	8.02	-0.09	-72.73	200.42	8.288377906	**3.291288783**		292.98	261.318	9.03	0.05	-87.76	185.39	8.960336048	**0.774459704**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
218.02	212.906	7.96	-0.06	-71.39	201.76	8.233330194	**3.37583673**		293.02	261.344	9.03	0	-87.98	185.17	8.970981801	**0.655722006**
218.06	212.931	7.85	-0.11	-70.78	202.37	8.208512625	**4.465078849**		293.06	261.37	9.03	0	-86.44	186.71	8.896988378	**1.483926017**
218.1	212.956	7.79	-0.06	-71.26	201.89	8.228028629	**5.469195237**		293.1	261.396	8.94	-0.09	-90.03	183.12	9.07141055	**1.459192217**
218.14	212.981	7.7	-0.09	-70.14	203.01	8.182634846	**6.077516108**		293.14	261.422	8.94	0	-89.41	183.74	9.040800588	**1.121202444**
218.18	213.006	7.7	0	-75.54	197.61	8.406238045	**8.769745519**		293.18	261.448	8.91	-0.03	-93.29	179.86	9.235831758	**3.591257346**
218.22	213.031	7.76	0.06	-76.31	196.84	8.439121622	**8.384672175**		293.22	261.474	8.88	-0.03	-94.81	178.34	9.314549176	**4.776696268**
218.26	213.057	7.87	0.11	-76.32	196.83	8.439550373	**6.984255977**		293.26	261.5	8.94	0.06	-95.28	177.87	9.339161747	**4.367396633**
218.3	213.082	8.19	0.32	-72.91	200.24	8.295828506	**1.283872458**		293.3	261.526	9.03	0.09	-94.42	178.73	9.294224249	**2.883879233**
218.34	213.107	8.36	0.17	-67.66	205.49	8.083880967	**3.358319524**		293.34	261.552	9.07	0.04	-88.55	184.6	8.998682015	**0.789409928**
218.38	213.132	8.19	-0.17	-61.83	211.32	7.860858887	**4.101227421**		293.38	261.578	9.03	-0.04	-79.11	194.04	8.560898268	**5.333459661**
218.42	213.157	8.13	-0.06	-55.84	217.31	7.644179743	**6.159689628**		293.42	261.604	9.03	0	-70.03	203.12	8.178203525	**9.899888431**
218.46	213.182	8.13	0	-50.16	222.99	7.449467241	**8.736277676**		293.46	261.63	9.03	0	-61.98	211.17	7.866442677	**13.77280823**
218.5	213.208	8.1	-0.03	-45.77	227.38	7.305641217	**10.3125702**		293.5	261.656	9.03	0	-57.44	215.71	7.700879421	**15.88823331**
218.54	213.233	7.92	-0.18	-42.25	230.9	7.194268948	**9.603257093**		293.54	261.682	8.96	-0.07	-54.74	218.41	7.605680601	**16.35090561**
218.58	213.258	7.82	-0.1	-42.11	231.04	7.189909539	**8.395659666**		293.58	261.708	8.85	-0.11	-53.61	219.54	7.566533206	**15.6362708**
218.62	213.283	7.7	-0.12	-44	229.15	7.249210997	**6.030940401**		293.62	261.734	8.76	-0.09	-54.14	219.01	7.584844071	**14.37953062**
218.66	213.308	7.64	-0.06	-48.57	224.58	7.396725888	**3.235732479**		293.66	261.76	8.65	-0.11	-57.56	215.59	7.705165824	**11.5539541**
218.7	213.333	7.62	-0.02	-55.52	217.63	7.632939852	**0.169670269**		293.7	261.786	8.58	-0.07	-64.29	208.86	7.953445849	**7.579232506**
218.74	213.359	7.66	0.04	-61.37	211.78	7.843784588	**2.370835156**		293.74	261.812	8.6	0.02	-71.86	201.29	8.252554523	**4.123356803**
218.78	213.384	7.93	0.27	-64.68	208.47	7.968324939	**0.482125494**		293.78	261.838	8.73	0.13	-78.05	195.1	8.514385956	**2.500686828**
218.82	213.409	8.02	0.09	-66.5	206.65	8.038503266	**0.230448207**		293.82	261.864	8.82	0.09	-80.68	192.47	8.630730503	**2.169187089**
218.86	213.434	7.96	-0.06	-70.4	202.75	8.19312799	**2.886474871**		293.86	261.89	8.92	0.1	-83.65	189.5	8.765998417	**1.741508503**
218.9	213.459	7.99	0.03	-72.29	200.86	8.270221547	**3.446712537**		293.9	261.916	9	0.08	-85.85	187.3	8.868962627	**1.466647795**
218.94	213.485	8.09	0.1	-73.38	199.77	8.315346148	**2.747228203**		293.94	261.942	9.03	0.03	-87.75	185.4	8.959852751	**0.779853511**
218.98	213.51	8.04	-0.05	-71.02	202.13	8.218259041	**2.192842921**		293.98	261.968	9.03	0	-88.84	184.31	9.012840866	**0.19020435**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
219.02	213.535	7.93	-0.11	-71.17	201.98	8.224362313	**3.644369334**		294.02	261.994	9.09	0.06	-90.65	182.5	9.102228493	**0.134436451**
219.06	213.56	7.83	-0.1	-71	202.15	8.217445956	**4.828755392**		294.06	262.02	9.07	-0.02	-89.5	183.65	9.045231146	**0.273458877**
219.1	213.585	7.79	-0.04	-73.24	199.91	8.309522785	**6.453890493**		294.1	262.046	9.06	-0.01	-92.25	180.9	9.18273466	**1.345573044**
219.14	213.611	7.7	-0.09	-76.33	196.82	8.439979169	**9.169518263**		294.14	262.072	9.03	-0.03	-93.19	179.96	9.2306996	**2.198158935**
219.18	213.636	7.7	0	-77.35	195.8	8.483946374	**9.68795071**		294.18	262.098	9.03	0	-94.45	178.7	9.295784555	**2.900662226**
219.22	213.661	7.76	0.06	-77.88	195.27	8.506973421	**9.183926254**		294.22	262.124	9.03	0	-95.12	178.03	9.33076841	**3.276207216**
219.26	213.686	7.94	0.18	-77.77	195.38	8.502183949	**6.838312367**		294.26	262.15	9.05	0.02	-95.35	177.8	9.342838583	**3.184267413**
219.3	213.711	8.22	0.28	-74.11	199.04	8.345843549	**1.519313504**		294.3	262.176	9.18	0.13	-94.78	178.37	9.312982564	**1.438194881**
219.34	213.736	8.38	0.16	-67.84	205.31	8.090968292	**3.509589759**		294.34	262.202	9.21	0.03	-89.02	184.13	9.021651551	**2.066169913**
219.38	213.762	8.19	-0.19	-61.88	211.27	7.862719269	**4.077573716**		294.38	262.228	9.21	0	-80.83	192.32	8.637462042	**6.41590335**
219.42	213.787	8.13	-0.06	-56.35	216.8	7.6621619	**5.924940519**		294.42	262.254	9.21	0	-72.1	201.05	8.262405869	**10.84675045**
219.46	213.812	8.2	0.07	-50.34	222.81	7.455485391	**9.511229965**		294.46	262.28	9.21	0	-65.22	207.93	7.989018901	**14.19826452**
219.5	213.837	8.19	-0.01	-44.24	228.91	7.256811411	**12.08260481**		294.5	262.306	9.15	-0.06	-59.05	214.1	7.758788884	**16.45547917**
219.54	213.862	7.98	-0.21	-41.63	231.52	7.175003023	**10.62351456**		294.54	262.332	9.07	-0.08	-55.99	217.16	7.649459845	**16.99265608**
219.58	213.888	7.85	-0.13	-42.6	230.55	7.205190631	**8.56594094**		294.58	262.358	8.94	-0.13	-54.83	218.32	7.608815958	**16.0879672**
219.62	213.913	7.76	-0.09	-44.89	228.26	7.277476124	**6.417617854**		294.62	262.384	8.88	-0.06	-55.27	217.88	7.62418166	**15.21818369**
219.66	213.938	7.66	-0.1	-49.43	223.72	7.425159574	**3.113529219**		294.66	262.41	8.76	-0.12	-61.54	211.61	7.850086007	**10.95616233**
219.7	213.963	7.62	-0.04	-56.22	216.93	7.657570184	**0.491834545**		294.7	262.436	8.7	-0.06	-65.41	207.74	7.996325696	**8.429091733**
219.74	213.989	7.7	0.08	-61.54	211.61	7.850086007	**1.930355976**		294.74	262.462	8.72	0.02	-72.52	200.63	8.279702437	**5.180061996**
219.78	214.014	7.96	0.26	-65.85	207.3	8.013298119	**0.667340186**		294.78	262.488	8.82	0.1	-78.94	194.21	8.553404562	**3.069006273**
219.82	214.039	8.02	0.06	-69.29	203.86	8.14851712	**1.589720549**		294.82	262.514	8.94	0.12	-82.57	190.58	8.716322279	**2.533684163**
219.86	214.064	7.96	-0.06	-71.55	201.6	8.239864583	**3.455147195**		294.86	262.54	9.03	0.09	-84.58	188.57	8.809231055	**2.475094857**
219.9	214.089	7.99	0.03	-72.31	200.84	8.271045111	**3.456667251**		294.9	262.566	9.12	0.09	-87.32	185.83	8.939120164	**2.003196554**
219.94	214.115	8.13	0.14	-71.49	201.66	8.237412972	**1.312522297**		294.94	262.592	9.19	0.07	-88.68	184.47	9.005023581	**2.033263855**
219.98	214.14	8.04	-0.09	-69.76	203.39	8.167346969	**1.571472112**		294.98	262.618	9.21	0.02	-89.98	183.17	9.068934323	**1.543478128**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
220.02	214.165	7.93	-0.11	-70.13	203.02	8.1822318	**3.130935589**		295.02	262.644	9.21	0	-90.09	183.06	9.074383809	**1.483410027**
220.06	214.19	7.85	-0.08	-72.11	201.04	8.262816852	**5.12408049**		295.06	262.67	9.21	0	-91.36	181.79	9.137778206	**0.787253842**
220.1	214.216	7.79	-0.06	-74.16	198.99	8.3479406	**6.914644363**		295.1	262.696	9.18	-0.03	-92.22	180.93	9.181212071	**0.013202516**
220.14	214.241	7.7	-0.09	-76.24	196.91	8.436121578	**9.123897274**		295.14	262.722	9.12	-0.06	-92.53	180.62	9.196969882	**0.840421555**
220.18	214.266	7.7	0	-77.89	195.26	8.507409096	**9.963456723**		295.18	262.748	9.12	0	-93.45	179.7	9.244055092	**1.351064252**
220.22	214.291	7.79	0.09	-78.49	194.66	8.53363146	**9.111103271**		295.22	262.774	9.12	0	-94.22	178.93	9.283835578	**1.780450357**
220.26	214.316	7.94	0.15	-77.51	195.64	8.490884788	**6.705479291**		295.26	262.8	9.14	0.02	-94.97	178.18	9.322913346	**1.981413687**
220.3	214.342	8.28	0.34	-74.67	198.48	8.369390871	**1.073803496**		295.3	262.826	9.27	0.13	-93.99	179.16	9.271917281	**0.0206805**
220.34	214.367	8.42	0.14	-69.93	203.22	8.174179215	**2.962735091**		295.34	262.852	9.28	0.01	-89	184.15	9.020671735	**2.834084658**
220.38	214.392	8.25	-0.17	-63.89	209.26	7.938242856	**3.851648965**		295.38	262.878	9.21	-0.07	-82.88	190.27	8.730523467	**5.345178854**
220.42	214.417	8.22	-0.03	-57.37	215.78	7.698381222	**6.553666119**		295.42	262.904	9.21	0	-69.47	203.68	8.155718284	**12.14210319**
220.46	214.443	8.22	0	-51.2	221.95	7.484373508	**9.368428382**		295.46	262.93	9.21	0	-66.41	206.74	8.03500387	**13.62709037**
220.5	214.468	8.13	-0.09	-46.41	226.74	7.326262239	**10.40015689**		295.5	262.956	9.18	-0.03	-61.74	211.41	7.857512417	**15.52442107**
220.54	214.493	8	-0.13	-44.06	229.09	7.251109608	**9.820798771**		295.54	262.982	9.1	-0.08	-59.17	213.98	7.763140013	**15.85540992**
220.58	214.518	7.85	-0.15	-44.77	228.38	7.273652246	**7.621806484**		295.58	263.008	8.97	-0.13	-57.13	216.02	7.689828257	**15.36836663**
220.62	214.543	7.76	-0.09	-47.32	225.83	7.355783997	**5.348263818**		295.62	263.034	8.85	-0.12	-56.2	216.95	7.656864254	**14.45623744**
220.66	214.569	7.62	-0.14	-50.85	222.3	7.472589744	**1.953412356**		295.66	263.06	8.74	-0.11	-59.81	213.34	7.786428705	**11.53995593**
220.7	214.594	7.62	0	-56.7	216.45	7.674551629	**0.713347209**		295.7	263.085	8.67	-0.07	-65.6	207.55	8.003645868	**7.992902534**
220.74	214.619	7.66	0.04	-62.66	210.49	7.89185567	**2.981710672**		295.74	263.112	8.67	0	-72.92	200.23	8.296242821	**4.405892138**
220.78	214.644	7.93	0.27	-65.32	207.83	7.992862917	**0.789593142**		295.78	263.138	8.73	0.06	-79.19	193.96	8.564429264	**1.914729115**
220.82	214.67	8.02	0.09	-67.43	205.72	8.07484299	**0.681497676**		295.82	263.163	8.85	0.12	-81.7	191.45	8.67671298	**1.977404666**
220.86	214.695	7.9	-0.12	-71.28	201.87	8.22884381	**4.077710892**		295.86	263.19	8.92	0.07	-83.3	189.85	8.749837767	**1.926019193**
220.9	214.72	7.93	0.03	-72.34	200.81	8.272280763	**4.225093589**		295.9	263.215	8.97	0.05	-85.48	187.67	8.851477061	**1.330113534**
220.94	214.745	8.04	0.11	-70.08	203.07	8.180217166	**1.728918486**		295.94	263.241	9.03	0.06	-87.5	185.65	8.947787234	**0.914603837**
220.98	214.771	7.99	-0.05	-68.5	204.65	8.117061813	**1.577715592**		295.98	263.267	9.03	0	-88.02	185.13	8.97292011	**0.634118126**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
221.02	214.796	7.93	-0.06	-71.04	202.11	8.219072287	**3.580048219**		296.02	263.293	8.97	-0.06	-85.13	188.02	8.835	**1.51642797**
221.06	214.821	7.83	-0.1	-72.07	201.08	8.261173165	**5.359126528**		296.06	263.319	8.94	-0.03	-90.44	182.71	9.091766734	**1.683326281**
221.1	214.846	7.79	-0.04	-75.07	198.08	8.386291902	**7.372417682**		296.1	263.345	8.94	0	-91.5	181.65	9.144820809	**2.265112952**
221.14	214.872	7.73	-0.06	-77.14	196.01	8.474856895	**9.193007996**		296.14	263.371	8.87	-0.07	-93.11	180.04	9.226597978	**3.9410499**
221.18	214.897	7.76	0.03	-77.99	195.16	8.511768293	**9.240154839**		296.18	263.397	8.85	-0.02	-93.43	179.72	9.243026374	**4.344506731**
221.22	214.922	7.82	0.06	-79.1	194.05	8.560457099	**9.040737926**		296.22	263.423	8.85	0	-92.98	180.17	9.219940612	**4.094541533**
221.26	214.947	7.96	0.14	-79.21	193.94	8.565312468	**7.325882266**		296.26	263.449	8.89	0.04	-94.02	179.13	9.273470106	**4.222432204**
221.3	214.973	8.31	0.35	-75.24	197.91	8.393495528	**0.999737188**		296.3	263.475	9	0.11	-93.22	179.93	9.232238648	**2.547560427**
221.34	214.998	8.47	0.16	-69.36	203.79	8.151316061	**3.834641471**		296.34	263.501	9.03	0.03	-87.22	185.93	8.934312376	**1.065307955**
221.38	215.023	8.34	-0.13	-64.32	208.83	7.954588421	**4.730546962**		296.38	263.527	9.03	0	-78.48	194.67	8.533193096	**5.657364253**
221.42	215.048	8.31	-0.03	-58.39	214.76	7.734944589	**7.168057297**		296.42	263.553	9.03	0	-68.07	205.08	8.100042422	**10.85762142**
221.46	215.074	8.31	0	-54.62	218.53	7.601504141	**8.905454222**		296.46	263.579	9.03	0	-62.62	210.53	7.890356244	**13.47068277**
221.5	215.099	8.31	0	-48.02	225.13	7.378655444	**11.87284098**		296.5	263.605	9.01	-0.02	-58.11	215.04	7.724873047	**15.35866988**
221.54	215.124	8.05	-0.26	-46.5	226.65	7.32917141	**9.374088774**		296.54	263.631	8.96	-0.05	-54.25	218.9	7.58865555	**16.57348472**
221.58	215.149	7.88	-0.17	-46.44	226.71	7.327231706	**7.269808273**		296.58	263.657	8.89	-0.07	-52.64	220.51	7.533248832	**16.52232371**
221.62	215.175	7.87	-0.01	-49.76	223.39	7.436128296	**5.669254769**		296.62	263.683	8.79	-0.1	-54.9	218.25	7.611256357	**14.37382133**
221.66	215.2	7.73	-0.14	-52.88	220.27	7.541456848	**2.469222857**		296.66	263.709	8.67	-0.12	-61.67	211.48	7.854911576	**9.864965639**
221.7	215.225	7.65	-0.08	-58.63	214.52	7.743598266	**1.21606741**		296.7	263.735	8.57	-0.1	-69.78	203.37	8.16815017	**4.801603837**
221.74	215.25	7.72	0.07	-64.38	208.77	7.956874551	**3.021961427**		296.74	263.761	8.53	-0.04	-75.1	198.05	8.387562232	**1.683904174**
221.78	215.276	7.92	0.2	-67.05	206.1	8.059954876	**1.751630431**		296.78	263.787	8.58	0.05	-76.15	197	8.432267513	**1.736775973**
221.82	215.301	8.09	0.17	-68.99	204.16	8.136543397	**0.573669896**		296.82	263.813	8.73	0.15	-79.4	193.75	8.573712	**1.806410093**
221.86	215.326	7.96	-0.13	-72.1	201.05	8.262405869	**3.728249332**		296.86	263.839	8.85	0.12	-83.32	189.83	8.750759627	**1.127682839**
221.9	215.351	8.04	0.08	-73.17	199.98	8.306614161	**3.262010821**		296.9	263.865	8.85	0	-84.83	188.32	8.820925552	**0.329065364**
221.94	215.377	8.13	0.09	-73.88	199.27	8.336210669	**2.504652383**		296.94	263.891	8.92	0.07	-85.1	188.05	8.833590534	**0.973430872**
221.98	215.402	8.09	-0.04	-71.69	201.46	8.245590688	**1.904928826**		296.98	263.917	8.94	0.02	-85.4	187.75	8.847705459	**1.037734078**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
222.02	215.427	8.04	-0.05	-72.48	200.67	8.278052026	**2.917652491**		297.02	263.943	8.94	0	-88.82	184.33	9.011862963	**0.800618446**
222.06	215.453	7.96	-0.08	-74.69	198.46	8.370234304	**5.024230473**		297.06	263.969	8.89	-0.05	-87.34	185.81	8.940082342	**0.561773538**
222.1	215.478	7.9	-0.06	-78.2	194.95	8.520937163	**7.5627494**		297.1	263.995	8.85	-0.04	-88.81	184.34	9.011374091	**1.806961665**
222.14	215.503	7.85	-0.05	-78.84	194.31	8.549002625	**8.524940701**		297.14	264.021	8.85	0	-87.58	185.57	8.951644662	**1.141969344**
222.18	215.529	7.87	0.02	-79.14	194.01	8.56222205	**8.425178875**		297.18	264.047	8.85	0	-90.53	182.62	9.096247399	**2.744277324**
222.22	215.554	7.87	0	-80.3	192.85	8.613724138	**9.023739195**		297.22	264.073	8.85	0	-93.19	179.96	9.2306996	**4.211115812**
222.26	215.579	8.02	0.15	-79.63	193.52	8.583901922	**6.792402472**		297.26	264.099	8.87	0.02	-94.19	178.96	9.28227928	**4.54245193**
222.3	215.604	8.31	0.29	-76.34	196.81	8.440408008	**1.557072612**		297.3	264.125	9	0.13	-93.47	179.68	9.245084038	**2.686576151**
222.34	215.63	8.49	0.18	-70.65	202.5	8.203242963	**3.435606103**		297.34	264.151	9.03	0.03	-88.11	185.04	8.977284371	**0.58549227**
222.38	215.655	8.36	-0.13	-65.81	207.34	8.011752194	**4.254252097**		297.38	264.177	9.03	0	-78.74	194.41	8.544605216	**5.52382006**
222.42	215.68	8.31	-0.05	-60.64	212.51	7.816840149	**6.116013388**		297.42	264.202	9.03	0	-70.11	203.04	8.181425827	**9.860591227**
222.46	215.705	8.38	0.07	-52.32	220.83	7.522332564	**10.78668721**		297.46	264.228	9.03	0	-63.11	210.04	7.908763569	**13.23870454**
222.5	215.731	8.25	-0.13	-48.48	224.67	7.393762852	**10.94669046**		297.5	264.254	9	-0.03	-56.5	216.65	7.667466882	**15.98962971**
222.54	215.756	8.09	-0.16	-44.47	228.68	7.26411011	**10.75789979**		297.54	264.28	8.93	-0.07	-52.65	220.5	7.533590476	**16.96360859**
222.58	215.781	7.93	-0.16	-46.34	226.81	7.324001146	**7.945441302**		297.58	264.306	8.84	-0.09	-53.04	220.11	7.546938803	**15.78160768**
222.62	215.807	7.79	-0.14	-47.62	225.53	7.36556866	**5.600995238**		297.62	264.332	8.73	-0.11	-53.6	219.55	7.566188568	**14.28323473**
222.66	215.832	7.73	-0.06	-51.84	221.31	7.506017351	**2.940173191**		297.66	264.358	8.63	-0.1	-56.72	216.43	7.675260823	**11.71081146**
222.7	215.857	7.62	-0.11	-58.59	214.56	7.742154642	**1.590332149**		297.7	264.384	8.58	-0.05	-63.39	209.76	7.919320652	**8.008564252**
222.74	215.883	7.73	0.11	-64.6	208.55	7.965268281	**2.997951698**		297.74	264.41	8.56	-0.02	-71.29	201.86	8.229251461	**3.940003393**
222.78	215.908	8.02	0.29	-66.84	206.31	8.051750763	**0.39511269**		297.78	264.436	8.7	0.14	-77.39	195.76	8.485679914	**2.494170576**
222.82	215.933	8.13	0.11	-69.5	203.65	8.156919715	**0.330568526**		297.82	264.462	8.79	0.09	-81.39	191.76	8.66268617	**1.45895971**
222.86	215.958	8.04	-0.09	-72.75	200.4	8.28920509	**3.052262354**		297.86	264.488	8.89	0.1	-83.62	189.53	8.76461088	**1.420468809**
222.9	215.984	8.13	0.09	-74.45	198.7	8.360124308	**2.791056073**		297.9	264.514	8.94	0.05	-86.19	186.96	8.885091463	**0.616081401**
222.94	216.009	8.22	0.09	-75.17	197.98	8.390527831	**2.053249997**		297.94	264.54	9.01	0.07	-85.38	187.77	8.846763061	**1.8282926**
222.98	216.034	8.16	-0.06	-76.28	196.87	8.437835628	**3.347853706**		297.98	264.566	9.03	0.02	-86.08	187.07	8.879866895	**1.676540715**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
223.02	216.06	8.07	-0.09	-73.68	199.47	8.327852309	**3.144952202**		298.02	264.592	9.03	0	-87.29	185.86	8.937677284	**1.027653319**
223.06	216.085	8.04	-0.03	-76.89	196.26	8.464061449	**5.138873851**		298.06	264.618	9.03	0	-88.62	184.53	9.002095594	**0.309497092**
223.1	216.11	7.96	-0.08	-79.05	194.1	8.558251932	**7.243525943**		298.1	264.644	9	-0.03	-91.01	182.14	9.120219062	**1.326905175**
223.14	216.135	7.94	-0.02	-80.12	193.03	8.605691861	**8.046709282**		298.14	264.67	8.94	-0.06	-93.86	179.29	9.265194378	**3.572544968**
223.18	216.161	7.87	-0.07	-80.8	192.35	8.636114895	**9.282800945**		298.18	264.696	8.94	0	-94.13	179.02	9.279168249	**3.723202341**
223.22	216.186	7.96	0.09	-81.59	191.56	8.671730528	**8.558706829**		298.22	264.722	8.94	0	-94.39	178.76	9.292664466	**3.868490719**
223.26	216.211	8.09	0.13	-81.35	191.8	8.660879562	**6.81611446**		298.26	264.748	8.96	0.02	-95.11	178.04	9.330244327	**4.048544355**
223.3	216.237	8.4	0.31	-77.43	195.72	8.487414163	**1.035258119**		298.3	264.774	9.09	0.13	-94.72	178.43	9.309850922	**2.389703296**
223.34	216.262	8.49	0.09	-71.51	201.64	8.238230014	**3.010121046**		298.34	264.8	9.12	0.03	-89.57	183.58	9.048680139	**0.785085763**
223.38	216.287	8.37	-0.12	-65.54	207.61	8.001332787	**4.503814287**		298.38	264.825	9.12	0	-81.35	191.8	8.660879562	**5.164203901**
223.42	216.313	8.38	0.01	-61.7	211.45	7.856026011	**6.45446107**		298.42	264.852	9.12	0	-72.51	200.64	8.279289773	**9.663730397**
223.46	216.338	8.4	0.02	-52.32	220.83	7.522332564	**11.02435756**		298.46	264.877	9.12	0	-64.84	208.31	7.974445298	**13.40265428**
223.5	216.363	8.27	-0.13	-50.05	223.1	7.445794263	**10.48888428**		298.5	264.903	9.06	-0.06	-60.72	212.43	7.819783929	**14.69469131**
223.54	216.389	8.09	-0.18	-46.79	226.36	7.338561142	**9.740880586**		298.54	264.929	9.01	-0.05	-57.01	216.14	7.685558897	**15.86578935**
223.58	216.414	7.96	-0.13	-47.58	225.57	7.364262535	**7.775088214**		298.58	264.955	8.88	-0.13	-55.83	217.32	7.643827996	**14.96229572**
223.62	216.439	7.85	-0.11	-48.92	224.23	7.408271418	**5.790021296**		298.62	264.981	8.79	-0.09	-55.44	217.71	7.630135042	**14.12734981**
223.66	216.464	7.73	-0.12	-52.91	220.24	7.542484108	**2.455604346**		298.66	265.007	8.69	-0.1	-58.23	214.92	7.729186209	**11.70354948**
223.7	216.49	7.7	-0.03	-60.84	212.31	7.824203759	**1.600130488**		298.7	265.033	8.58	-0.11	-63.98	209.17	7.94165846	**7.727330061**
223.74	216.515	7.75	0.05	-64.87	208.28	7.975593912	**2.869130582**		298.74	265.059	8.6	0.02	-72.33	200.82	8.271868838	**3.889683655**
223.78	216.54	8.02	0.27	-67.17	205.98	8.064650452	**0.555193308**		298.78	265.085	8.7	0.1	-77.95	195.2	8.510024078	**2.207735693**
223.82	216.566	8.13	0.11	-69.79	203.36	8.168551829	**0.47307061**		298.82	265.111	8.82	0.12	-79.9	193.25	8.595894955	**2.573569097**
223.86	216.591	8.07	-0.06	-73.38	199.77	8.315346148	**2.994702045**		298.86	265.137	8.89	0.07	-83.12	190.03	8.741549755	**1.683916011**
223.9	216.617	8.13	0.06	-75.13	198.02	8.388832946	**3.133792163**		298.9	265.163	8.97	0.08	-85.6	187.55	8.857140496	**1.266153752**
223.94	216.642	8.13	0	-75.83	197.32	8.418592641	**3.48782096**		298.94	265.189	9.03	0.06	-88.01	185.14	8.972435454	**0.639519535**
223.98	216.667	8.1	-0.03	-70.94	202.21	8.215007665	**1.409838937**		298.98	265.215	9.03	0	-88.94	184.21	9.017733565	**0.135933246**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
224.02	216.693	8.04	-0.06	-73.54	199.61	8.322011422	**3.447148581**		299.02	265.241	9.03	0	-86.97	186.18	8.922315501	**1.199672531**
224.06	216.718	8.02	-0.02	-77.75	195.4	8.501313715	**5.826579215**		299.06	265.267	9.03	0	-90.06	183.09	9.072896936	**0.47392344**
224.1	216.743	7.96	-0.06	-79.74	193.41	8.588783931	**7.599155722**		299.1	265.293	9	-0.03	-88.76	184.39	9.008930528	**0.099178879**
224.14	216.769	7.9	-0.06	-80.49	192.66	8.622218935	**8.742396379**		299.14	265.319	8.94	-0.06	-87.85	185.3	8.964688073	**0.27577217**
224.18	216.794	7.87	-0.03	-80.84	192.31	8.637911185	**9.303553629**		299.18	265.345	8.94	0	-91.77	181.38	9.158433675	**2.413840657**
224.22	216.819	7.9	0.03	-82.03	191.12	8.691694747	**9.543265578**		299.22	265.371	8.94	0	-94.36	178.79	9.291105207	**3.8517161**
224.26	216.845	8.09	0.19	-81.64	191.51	8.673994569	**6.967248373**		299.26	265.396	8.96	0.02	-95.04	178.11	9.326577396	**4.009251027**
224.3	216.87	8.37	0.28	-77.57	195.58	8.493489621	**1.464579674**		299.3	265.422	9.06	0.1	-94.36	178.79	9.291105207	**2.518706145**
224.34	216.895	8.42	0.05	-71.52	201.63	8.238638595	**2.177385667**		299.34	265.448	9.1	0.04	-89.54	183.61	9.047201677	**0.581889412**
224.38	216.921	8.31	-0.11	-65.18	207.97	7.987482329	**3.957883363**		299.38	265.474	9.03	-0.07	-80.3	192.85	8.613724138	**4.718684772**
224.42	216.946	8.31	0	-58.39	214.76	7.734944589	**7.168057297**		299.42	265.5	9.03	0	-70.14	203.01	8.182634846	**9.845850586**
224.46	216.971	8.31	0	-52.55	220.6	7.530175431	**9.846160767**		299.46	265.526	9.03	0	-62.84	210.31	7.898610147	**13.3666006**
224.5	216.997	8.19	-0.12	-48.19	224.96	7.384231419	**10.34745869**		299.5	265.552	9	-0.03	-57.94	215.21	7.718770968	**15.32683275**
224.54	217.022	8.05	-0.14	-45.77	227.38	7.305641217	**9.694922825**		299.54	265.578	8.89	-0.11	-53.29	219.86	7.555520331	**16.22909634**
224.58	217.047	7.9	-0.15	-44.3	228.85	7.258714005	**8.460955131**		299.58	265.604	8.79	-0.1	-50.53	222.62	7.461848441	**16.34462152**
224.62	217.073	7.79	-0.11	-46.77	226.38	7.337912801	**5.976861507**		299.62	265.63	8.7	-0.09	-51.22	221.93	7.485047988	**15.01326425**
224.66	217.098	7.68	-0.11	-50.93	222.22	7.475279903	**2.701633998**		299.66	265.656	8.56	-0.14	-55.45	217.7	7.630485531	**11.48223094**
224.7	217.123	7.62	-0.06	-59	214.15	7.756977352	**1.78159009**		299.7	265.682	8.49	-0.07	-62.17	210.98	7.873526875	**7.534721948**
224.74	217.149	7.68	0.06	-64.67	208.48	7.967942728	**3.680263065**		299.74	265.708	8.49	0	-71.17	201.98	8.224362313	**3.178556046**
224.78	217.174	7.96	0.28	-66.48	206.67	8.037725359	**0.971705133**		299.78	265.734	8.58	0.09	-76.35	196.8	8.44083689	**1.635208781**
224.82	217.199	8.04	0.08	-69.55	203.6	8.158922888	**1.468281426**		299.82	265.76	8.67	0.09	-79.39	193.76	8.573269509	**1.121950698**
224.86	217.225	8.02	-0.02	-72.61	200.54	8.283418271	**3.231448354**		299.86	265.785	8.76	0.09	-81.94	191.21	8.687603682	**0.82987119**
224.9	217.25	8.07	0.05	-74.28	198.87	8.352977825	**3.446120767**		299.9	265.811	8.82	0.06	-84.4	188.75	8.800830199	**0.217581137**
224.94	217.275	8.13	0.06	-75.54	197.61	8.406238045	**3.341002275**		299.94	265.837	8.85	0.03	-86.33	186.82	8.891749813	**0.470639177**
224.98	217.301	8.13	0	-74.13	199.02	8.346682243	**2.630168377**		299.98	265.863	8.85	0	-87.4	185.75	8.942970121	**1.04502082**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
225.02	217.326	8.04	-0.09	-73.55	199.6	8.322428357	**3.452156985**		300.02	265.889	8.85	0	-85.71	187.44	8.862338348	**0.139319248**
225.06	217.351	7.98	-0.06	-76.49	196.66	8.446845825	**5.683937504**		300.06	265.915	8.83	-0.02	-87.51	185.64	8.948269231	**1.330492066**
225.1	217.377	7.96	-0.02	-78.81	194.34	8.547682927	**7.120114064**		300.1	265.941	8.76	-0.07	-91.23	181.92	9.131248351	**4.150055308**
225.14	217.402	7.87	-0.09	-79.87	193.28	8.594560741	**8.801458506**		300.14	265.967	8.76	0	-89.5	183.65	9.045231146	**3.203902762**
225.18	217.428	7.87	0	-80.36	192.79	8.616404897	**9.054792736**		300.18	265.993	8.76	0	-91.5	181.65	9.144820809	**4.298516174**
225.22	217.453	7.9	0.03	-80.84	192.31	8.637911185	**8.923874083**		300.22	266.019	8.76	0	-93.56	179.59	9.249717133	**5.438365632**
225.26	217.478	8.09	0.19	-80.95	192.2	8.642854839	**6.608015716**		300.26	266.045	8.76	0	-94.23	178.92	9.28435446	**5.811839501**
225.3	217.504	8.38	0.29	-76.41	196.74	8.443411101	**0.753843564**		300.3	266.071	8.85	0.09	-93.33	179.82	9.23788622	**4.28890601**
225.34	217.529	8.4	0.02	-71.19	201.96	8.225176768	**2.103114268**		300.34	266.097	8.89	0.04	-86.69	186.46	8.908917194	**0.212565673**
225.38	217.554	8.31	-0.09	-65.31	207.84	7.992478349	**3.895378905**		300.38	266.123	8.85	-0.04	-77.63	195.52	8.496096052	**4.08050258**
225.42	217.58	8.4	0.09	-61.4	211.75	7.844895868	**6.834197483**		300.42	266.149	8.85	0	-65.41	207.74	7.996325696	**10.13484269**
225.46	217.605	8.34	-0.06	-54.73	218.42	7.605332387	**9.214829707**		300.46	266.174	8.85	0	-58.06	215.09	7.723077316	**13.59943796**
225.5	217.63	8.19	-0.15	-49.49	223.66	7.42715148	**9.769368262**		300.5	266.201	8.85	0	-46.95	226.2	7.343751989	**18.60282918**
225.54	217.656	8.09	-0.1	-47.97	225.18	7.377017053	**9.219398214**		300.54	266.226	8.76	-0.09	-47.57	225.58	7.363936076	**17.31666409**
225.58	217.681	7.93	-0.16	-47.38	225.77	7.357738849	**7.486537497**		300.58	266.252	8.67	-0.09	-47.82	225.33	7.372106244	**16.18108914**
225.62	217.706	7.82	-0.11	-48.46	224.69	7.393104722	**5.612204553**		300.62	266.278	8.58	-0.09	-49.24	223.91	7.418858917	**14.51529874**
225.66	217.732	7.73	-0.09	-54.07	219.08	7.582420577	**1.927577972**		300.66	266.304	8.49	-0.09	-52.12	221.03	7.515525947	**12.17672017**
225.7	217.757	7.7	-0.03	-59.58	213.57	7.778043265	**1.008438382**		300.7	266.33	8.41	-0.08	-65.19	207.96	7.987866417	**5.148640349**
225.74	217.783	7.77	0.07	-65.78	207.37	8.010593143	**3.049228131**		300.74	266.356	8.42	0.01	-69.65	203.5	8.162932187	**3.100390334**
225.78	217.808	8.05	0.28	-67.83	205.32	8.090574226	**0.502760621**		300.78	266.382	8.55	0.13	-76.46	196.69	8.445557476	**1.229056757**
225.82	217.833	8.13	0.08	-70.38	202.77	8.19231987	**0.763615348**		300.82	266.408	8.64	0.09	-78.82	194.33	8.548122781	**1.069077995**
225.86	217.859	8.07	-0.06	-73.78	199.37	8.332029393	**3.195085027**		300.86	266.434	8.76	0.12	-81.39	191.76	8.66268617	**1.117093298**
225.9	217.884	8.13	0.06	-75.01	198.14	8.383752397	**3.073225166**		300.9	266.46	8.83	0.07	-84.4	188.75	8.800830199	**0.33089538**
225.94	217.91	8.2	0.07	-72.95	200.2	8.297486014	**1.181828721**		300.94	266.486	8.85	0.02	-85.62	187.53	8.858085106	**0.091315423**
225.98	217.935	8.22	0.02	-72.32	200.83	8.271456954	**0.624043755**		300.98	266.512	8.85	0	-83.88	189.27	8.776650816	**0.832253211**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
226.02	217.96	8.19	-0.03	-76.08	197.07	8.42927234	**2.879456271**		301.02	266.537	8.85	0	-85.9	187.25	8.871330841	**0.240736334**
226.06	217.986	8.11	-0.08	-78.64	194.51	8.540212328	**5.167649756**		301.06	266.563	8.85	0	-88.86	184.29	9.013818981	**1.83408689**
226.1	218.011	8.04	-0.07	-79.64	193.51	8.584345512	**6.548775246**		301.1	266.589	8.85	0	-91.39	181.76	9.139286422	**3.216207857**
226.14	218.036	7.96	-0.08	-80.52	192.63	8.623561751	**8.002644552**		301.14	266.615	8.81	-0.04	-92.29	180.86	9.184765565	**4.165273098**
226.18	218.062	7.96	0	-81.19	191.96	8.653660658	**8.350485456**		301.18	266.641	8.76	-0.05	-93.26	179.89	9.234291511	**5.271577502**
226.22	218.087	7.96	0	-82.19	190.96	8.698977273	**8.871820408**		301.22	266.667	8.76	0	-94.53	178.62	9.299947934	**5.979507096**
226.26	218.113	8.18	0.22	-81.53	191.62	8.669015238	**5.804674417**		301.26	266.693	8.81	0.05	-95.19	177.96	9.334438638	**5.780709432**
226.3	218.138	8.49	0.31	-78.08	195.07	8.515695391	**0.302197479**		301.3	266.719	8.91	0.1	-94.74	178.41	9.310894569	**4.400382947**
226.34	218.163	8.47	-0.02	-73.27	199.88	8.310769962	**1.897767962**		301.34	266.745	8.94	0.03	-89.31	183.84	9.035882833	**1.066794146**
226.38	218.189	8.4	-0.07	-66.91	206.24	8.054483611	**4.199662497**		301.38	266.771	8.94	0	-80.12	193.03	8.605691861	**3.810714804**
226.42	218.214	8.49	0.09	-59.88	213.27	7.788984386	**8.612522715**		301.42	266.797	8.94	0	-70.97	202.18	8.21622663	**8.437442404**
226.46	218.24	8.45	-0.04	-51.56	221.59	7.496532786	**11.95830124**		301.46	266.823	8.94	0	-64.05	209.1	7.944317073	**11.79417471**
226.5	218.265	8.31	-0.14	-50.57	222.58	7.463189415	**10.73734123**		301.5	266.848	8.94	0	-59.28	213.87	7.767132838	**14.04031648**
226.54	218.29	8.18	-0.13	-48.79	224.36	7.403978873	**9.959216874**		301.54	266.874	8.85	-0.09	-53.8	219.35	7.573087303	**15.55021505**
226.58	218.316	8.02	-0.16	-49.39	223.76	7.423832231	**7.720464197**		301.58	266.9	8.76	-0.09	-52.14	221.01	7.516206054	**15.28358564**
226.62	218.341	7.9	-0.12	-50.67	222.48	7.466543959	**5.641555345**		301.62	266.926	8.67	-0.09	-53.42	219.73	7.559990443	**13.67849921**
226.66	218.367	7.77	-0.13	-56.37	216.78	7.662868807	**1.388350983**		301.66	266.952	8.58	-0.09	-56.44	216.71	7.665344008	**11.26053091**
226.7	218.392	7.7	-0.07	-60.52	212.63	7.812428632	**1.449529723**		301.7	266.978	8.49	-0.09	-62.56	210.59	7.888108172	**7.349955458**
226.74	218.417	7.79	0.09	-66.4	206.75	8.034615236	**3.091578938**		301.74	267.004	8.49	0	-71.34	201.81	8.231290323	**3.094374566**
226.78	218.443	8.05	0.26	-68.73	204.42	8.126194599	**0.942058392**		301.78	267.03	8.61	0.12	-78.07	195.08	8.515258868	**1.106449048**
226.82	218.468	8.13	0.08	-72.1	201.05	8.262405869	**1.615453769**		301.82	267.056	8.7	0.09	-79.58	193.57	8.581684662	**1.369256996**
226.86	218.494	8.09	-0.04	-74.33	198.82	8.355078463	**3.223802958**		301.86	267.082	8.78	0.08	-82.53	190.62	8.714493233	**0.748884423**
226.9	218.519	8.13	0.04	-75.66	197.49	8.411345891	**3.401729131**		301.9	267.108	8.85	0.07	-84.9	188.25	8.824205578	**0.291887771**
226.94	218.544	8.16	0.03	-74.31	198.84	8.354238081	**2.352371086**		301.94	267.133	8.92	0.07	-86.8	186.35	8.914176013	**0.065312657**
226.98	218.57	8.22	0.06	-72.79	200.36	8.290859952	**0.858343566**		301.98	267.159	8.94	0.02	-88.45	184.7	8.993809962	**0.600095152**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
227.02	218.595	8.22	0	-73.7	199.45	8.32868739	**1.313546963**		302.02	267.185	8.94	0	-84.81	188.34	8.81998885	**1.351477763**
227.06	218.621	8.11	-0.11	-75.33	197.82	8.397314225	**3.481053564**		302.06	267.211	8.85	-0.09	-85.82	187.33	8.867542305	**0.198021878**
227.1	218.646	8.04	-0.07	-80.19	192.96	8.608813744	**6.833084357**		302.1	267.237	8.85	0	-88.43	184.72	8.992836184	**1.601047984**
227.14	218.671	7.96	-0.08	-80.76	192.39	8.634319351	**8.127110694**		302.14	267.263	8.85	0	-92.48	180.67	9.194424642	**3.81751869**
227.18	218.697	7.96	0	-81.05	192.1	8.647353982	**8.277706166**		302.18	267.289	8.76	-0.09	-92.79	180.36	9.210227878	**5.010819903**
227.22	218.722	7.96	0	-81.98	191.17	8.689421457	**8.762123768**		302.22	267.315	8.76	0	-94.07	179.08	9.276059303	**5.722528346**
227.26	218.748	8.11	0.15	-81.49	191.66	8.66720599	**6.642416981**		302.26	267.341	8.81	0.05	-95.03	178.12	9.326053784	**5.690915897**
227.3	218.773	8.4	0.29	-77.58	195.57	8.493923915	**1.11192539**		302.3	267.367	8.85	0.04	-94.52	178.63	9.299427308	**4.952523297**
227.34	218.799	8.4	0	-73.98	199.17	8.340396144	**0.712096124**		302.34	267.392	8.94	0.09	-89.27	183.88	9.033917229	**1.045039069**
227.38	218.824	8.4	0	-64.9	208.25	7.976742857	**5.169002732**		302.38	267.418	8.85	-0.09	-79.65	193.5	8.584789147	**3.042317868**
227.42	218.849	8.4	0	-60.92	212.23	7.827153089	**7.060350121**		302.42	267.444	8.85	0	-70.22	202.93	8.185860642	**7.79695693**
227.46	218.875	8.34	-0.06	-79.78	193.37	8.590560583	**2.959861631**		302.46	267.47	8.85	0	-64.32	208.83	7.954588421	**10.65675108**
227.5	218.9	8.22	-0.12	-78.31	194.84	8.525747793	**3.651646936**		302.5	267.496	8.85	0	-54.77	218.38	7.606725433	**15.10962278**
227.54	218.926	8.1	-0.12	-60.14	213.01	7.79849162	**3.792918059**		302.54	267.522	8.79	-0.06	-51.16	221.99	7.483024911	**16.06308718**
227.58	218.951	7.99	-0.11	-45.84	227.31	7.307890986	**8.917686951**		302.58	267.548	8.7	-0.09	-51.14	222.01	7.482350795	**15.04910158**
227.62	218.977	7.85	-0.14	-48.05	225.1	7.379638827	**6.176918286**		302.62	267.574	8.64	-0.06	-51.02	222.13	7.478308648	**14.41455648**
227.66	219.002	7.73	-0.12	-53.16	219.99	7.551055503	**2.342043682**		302.66	267.6	8.54	-0.1	-54.93	218.22	7.612302722	**11.48687334**
227.7	219.027	7.7	-0.03	-59.78	213.37	7.785333927	**1.102125758**		302.7	267.626	8.49	-0.05	-60.5	212.65	7.811693863	**8.321909889**
227.74	219.053	7.75	0.05	-64.87	208.28	7.975593912	**2.869130582**		302.74	267.652	8.49	0	-74.63	198.52	8.367704513	**1.450915058**
227.78	219.078	8.05	0.3	-68.25	204.9	8.107158126	**0.707526973**		302.78	267.677	8.61	0.12	-77.65	195.5	8.496965217	**1.321505962**
227.82	219.104	8.04	-0.01	-71.1	202.05	8.221512992	**2.232424399**		302.82	267.703	8.7	0.09	-80.17	192.98	8.607921546	**1.064003595**
227.86	219.129	8.07	0.03	-74.28	198.87	8.352977825	**3.446120767**		302.86	267.729	8.76	0.06	-82.52	190.63	8.714036091	**0.526082342**
227.9	219.155	8.13	0.06	-76.05	197.1	8.427989346	**3.599342158**		302.9	267.755	8.81	0.05	-85.46	187.69	8.850533859	**0.459033225**
227.94	219.18	8.2	0.07	-75.23	197.92	8.393071443	**2.32713327**		302.94	267.781	8.85	0.04	-85.97	187.18	8.874648467	**0.278126438**
227.98	219.205	8.22	0.02	-74.8	198.35	8.374876229	**1.866554794**		302.98	267.807	8.94	0.09	-86.76	186.39	8.912262997	**0.310739351**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
228.02	219.231	8.22	0	-75.05	198.1	8.38544523	**1.992662375**		303.02	267.833	8.94	0	-86.36	186.79	8.8931779	**0.525112237**
228.06	219.256	8.13	-0.09	-76.58	196.57	8.450713232	**3.868509484**		303.06	267.859	8.85	-0.09	-85.65	187.5	8.8595024	**0.107314139**
228.1	219.282	8.04	-0.09	-78.73	194.42	8.544165724	**6.080085451**		303.1	267.885	8.85	0	-85.96	187.19	8.874174368	**0.27278414**
228.14	219.307	7.98	-0.06	-80.34	192.81	8.615511125	**7.658831598**		303.14	267.91	8.76	-0.09	-91.09	182.06	9.124226629	**4.073160513**
228.18	219.333	7.96	-0.02	-80.83	192.32	8.637462042	**8.163441383**		303.18	267.936	8.76	0	-92.88	180.27	9.214826094	**5.060700914**
228.22	219.358	7.99	0.03	-81.83	191.32	8.682608718	**8.308342504**		303.22	267.962	8.76	0	-92.38	180.77	9.189338386	**4.783890933**
228.26	219.383	8.18	0.19	-81.3	191.85	8.658622361	**5.684816144**		303.26	267.988	8.76	0	-93.38	179.77	9.240455582	**5.338260245**
228.3	219.409	8.46	0.28	-78.8	194.35	8.547243118	**1.025952501**		303.3	268.014	8.85	0.09	-93.34	179.81	9.238399978	**4.29446472**
228.34	219.434	8.4	-0.06	-81.83	191.32	8.682608718	**3.308730218**		303.34	268.04	8.87	0.02	-88.38	184.77	8.990402663	**1.348263699**
228.38	219.46	8.4	0	-65.47	207.68	7.998635882	**4.895091528**		303.38	268.066	8.85	-0.02	-78.8	194.35	8.547243118	**3.480515618**
228.42	219.485	8.4	0	-61.14	212.01	7.835275223	**6.956762597**		303.42	268.092	8.85	0	-70.17	202.98	8.183844221	**7.821555372**
228.46	219.511	8.38	-0.02	-55.63	217.52	7.636799834	**9.280257894**		303.46	268.118	8.89	0.04	-61.57	211.58	7.851199074	**12.41011378**
228.5	219.536	8.28	-0.1	-50.93	222.22	7.475279903	**10.21524343**		303.5	268.143	8.88	-0.01	-56.08	217.07	7.652631409	**14.84783106**
228.54	219.561	8.18	-0.1	-49.27	223.88	7.419853046	**9.74556557**		303.54	268.169	8.82	-0.06	-53.05	220.1	7.54728169	**15.5519815**
228.58	219.587	8.02	-0.16	-47.93	225.22	7.375706864	**8.369776604**		303.58	268.195	8.73	-0.09	-51.74	221.41	7.502627253	**15.12229325**
228.62	219.612	7.9	-0.12	-50.25	222.9	7.452475101	**5.830003255**		303.62	268.221	8.67	-0.06	-51.84	221.31	7.506017351	**14.39146143**
228.66	219.638	7.79	-0.11	-58.32	214.83	7.732424242	**0.741839763**		303.66	268.247	8.58	-0.09	-55.43	217.72	7.629784586	**11.72397337**
228.7	219.663	7.7	-0.09	-64.08	209.07	7.945457024	**3.13774182**		303.7	268.273	8.58	0	-60.39	212.76	7.807655104	**9.425935446**
228.74	219.689	7.83	0.13	-66.44	206.71	8.036169997	**2.598862821**		303.74	268.299	8.55	-0.03	-74.06	199.09	8.343747551	**2.441760752**
228.78	219.714	8.1	0.27	-68.77	204.38	8.127785008	**0.342437471**		303.78	268.325	8.64	0.09	-77.57	195.58	8.493489621	**1.710222291**
228.82	219.74	8.13	0.03	-75.69	197.46	8.412623823	**3.416916513**		303.82	268.35	8.76	0.12	-80.69	192.46	8.631178946	**1.4814528**
228.86	219.765	8.13	0	-75.53	197.62	8.405812671	**3.33594334**		303.86	268.376	8.85	0.09	-83.19	189.96	8.744771004	**1.196139416**
228.9	219.791	8.13	0	-76.82	196.33	8.461043651	**3.990630824**		303.9	268.402	8.85	0	-85.94	187.21	8.873226323	**0.262100398**
228.94	219.816	8.2	0.07	-77.55	195.6	8.492621166	**3.505994208**		303.94	268.428	8.94	0.09	-86.76	186.39	8.912262997	**0.310739351**
228.98	219.841	8.22	0.02	-77.18	195.97	8.476586722	**3.073523071**		303.98	268.454	8.94	0	-86.02	187.13	8.877019719	**0.706967631**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
229.02	219.867	8.22	0	-75.41	197.74	8.40071154	**2.174534345**		304.02	268.48	8.94	0	-87.64	185.51	8.954539917	**0.162506743**
229.06	219.892	8.09	-0.13	-77.29	195.86	8.481347391	**4.723181305**		304.06	268.506	8.94	0	-87.32	185.83	8.939120164	**0.009842055**
229.1	219.918	8.04	-0.05	-80.23	192.92	8.610598694	**6.853791918**		304.1	268.532	8.88	-0.06	-88.31	184.84	8.986997944	**1.197715973**
229.14	219.943	7.98	-0.06	-81.05	192.1	8.647353982	**8.027181992**		304.14	268.557	8.85	-0.03	-88.81	184.34	9.011374091	**1.806961665**
229.18	219.969	7.96	-0.02	-81.55	191.6	8.669920146	**8.537865966**		304.18	268.583	8.76	-0.09	-93.91	179.24	9.267778956	**5.633294671**
229.22	219.994	8.02	0.06	-82.66	190.49	8.720440443	**8.3682439**		304.22	268.609	8.82	0.06	-94.82	178.33	9.315071497	**5.45982404**
229.26	220.02	8.16	0.14	-82.68	190.47	8.721356119	**6.65060455**		304.26	268.635	8.85	0.03	-95.49	177.66	9.350200946	**5.496653**
229.3	220.045	8.37	0.21	-76.95	196.2	8.466649847	**1.148088818**		304.3	268.661	8.94	0.09	-94.48	178.67	9.297345385	**3.918831143**
229.34	220.071	8.36	-0.01	-73.89	199.26	8.336629027	**0.279948396**		304.34	268.687	8.98	0.04	-89.57	183.58	9.048680139	**0.761898696**
229.38	220.096	8.4	0.04	-69.76	203.39	8.167346969	**2.808573172**		304.38	268.713	8.94	-0.04	-78.16	194.99	8.519189189	**4.820508057**
229.42	220.122	8.37	-0.03	-57.29	215.86	7.69552812	**8.396510527**		304.42	268.739	8.94	0	-70.85	202.3	8.211352941	**8.496671503**
229.46	220.147	8.31	-0.06	-53.79	219.36	7.572742068	**9.283761318**		304.46	268.765	8.94	0	-62.26	210.89	7.876887003	**12.64339824**
229.5	220.173	8.22	-0.09	-51.8	221.35	7.504660944	**9.098308171**		304.5	268.79	8.91	-0.03	-57.56	215.59	7.705165824	**14.50282457**
229.54	220.198	8.11	-0.11	-45.38	227.77	7.293132107	**10.60651674**		304.54	268.816	8.85	-0.06	-54.25	218.9	7.58865555	**15.34607798**
229.58	220.223	7.99	-0.12	-45.89	227.26	7.309498812	**8.895731768**		304.58	268.842	8.76	-0.09	-52	221.15	7.511447886	**15.34653981**
229.62	220.249	7.82	-0.17	-47.17	225.98	7.350901407	**6.184188799**		304.62	268.868	8.7	-0.06	-52.94	220.21	7.543511648	**14.23938834**
229.66	220.274	7.73	-0.09	-53.54	219.61	7.564121397	**2.169181199**		304.66	268.894	8.6	-0.1	-55.95	217.2	7.648051105	**11.71769942**
229.7	220.3	7.7	-0.03	-58.21	214.94	7.728467014	**0.369019346**		304.7	268.92	8.55	-0.05	-62.33	210.82	7.879502419	**8.162116707**
229.74	220.325	7.77	0.07	-63.08	210.07	7.907634122	**1.755802194**		304.74	268.945	8.54	-0.01	-70.86	202.29	8.211758861	**3.918885673**
229.78	220.351	8.02	0.25	-69.16	203.99	8.143324183	**1.525975488**		304.78	268.971	8.64	0.1	-77.4	195.75	8.48611341	**1.797098809**
229.82	220.376	8.04	0.02	-71.71	201.44	8.246409353	**2.534743518**		304.82	268.997	8.76	0.12	-80.23	192.92	8.610598694	**1.720163005**
229.86	220.402	8.13	0.09	-74.32	198.83	8.354658251	**2.725664643**		304.86	269.023	8.83	0.07	-82.75	190.4	8.7245625	**1.20125466**
229.9	220.427	8.16	0.03	-72.76	200.39	8.289618743	**1.5759483**		304.9	269.049	8.88	0.05	-84.95	188.2	8.826549947	**0.60373199**
229.94	220.453	8.22	0.06	-73.83	199.32	8.334119506	**1.378744503**		304.94	269.075	8.94	0.06	-86.94	186.21	8.920878041	**0.214121154**
229.98	220.478	8.22	0	-71.37	201.78	8.232514124	**0.152124158**		304.98	269.101	8.94	0	-87.91	185.24	8.967591773	**0.308157269**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
230.02	220.504	8.22	0	-78.06	195.09	8.51482239	**3.523460038**		305.02	269.127	8.94	0	-88.61	184.54	9.001607782	**0.686758759**
230.06	220.529	8.13	-0.09	-77.99	195.16	8.511768293	**4.588073647**		305.06	269.152	8.94	0	-85.6	187.55	8.857140496	**0.931155251**
230.1	220.555	8.07	-0.06	-79.58	193.57	8.581684662	**6.145740473**		305.1	269.178	8.85	-0.09	-86.49	186.66	8.899371585	**0.556319242**
230.14	220.58	8.04	-0.03	-81.52	191.63	8.668562856	**7.52384105**		305.14	269.204	8.83	-0.02	-88.58	184.57	9.000144661	**1.908505666**
230.18	220.606	8.04	0	-82.45	190.7	8.710837441	**8.009598844**		305.18	269.23	8.76	-0.07	-92.83	180.32	9.212270963	**5.032986245**
230.22	220.631	8.16	0.12	-83.21	189.94	8.745691797	**6.928930261**		305.22	269.256	8.76	0	-94.3	178.85	9.287988258	**5.85093752**
230.26	220.657	8.36	0.2	-83.07	190.08	8.739250316	**4.43587068**		305.26	269.282	8.85	0.09	-95.01	178.14	9.325006736	**5.2270323**
230.3	220.682	8.64	0.28	-80.89	192.26	8.640157599	**0.001824047**		305.3	269.308	8.97	0.12	-94.22	178.93	9.283835578	**3.438571327**
230.34	220.708	8.58	-0.06	-76.39	196.76	8.442552856	**1.614882854**		305.34	269.333	9.03	0.06	-88.91	184.24	9.016265198	**0.152217673**
230.38	220.733	8.58	0	-70.38	202.77	8.19231987	**4.622856387**		305.38	269.359	8.94	-0.09	-79.51	193.64	8.578582421	**4.126105302**
230.42	220.759	8.58	0	-65.15	208	7.986330288	**7.167184297**		305.42	269.385	8.94	0	-69.76	203.39	8.167346969	**9.032996554**
230.46	220.784	8.58	0	-62.86	210.29	7.899361358	**8.260497808**		305.46	269.411	8.94	0	-61.33	211.82	7.842303371	**13.08159679**
230.5	220.81	8.4	-0.18	-54.73	218.42	7.605332387	**9.930035736**		305.5	269.437	8.94	0	-57.28	215.87	7.695171631	**14.96622213**
230.54	220.835	8.31	-0.09	-53.39	219.76	7.558958409	**9.465543629**		305.54	269.463	8.89	-0.05	-54.64	218.51	7.602199899	**15.61708091**
230.58	220.861	8.19	-0.12	-54.33	218.82	7.591429942	**7.585751859**		305.58	269.489	8.82	-0.07	-52.75	220.4	7.537008621	**15.68735958**
230.62	220.886	8.07	-0.12	-55.79	217.36	7.642421329	**5.442556082**		305.62	269.514	8.73	-0.09	-53.52	219.63	7.563432591	**14.31947998**
230.66	220.912	7.96	-0.11	-58.74	214.41	7.747571009	**2.704797464**		305.66	269.54	8.63	-0.1	-56.87	216.28	7.680583965	**11.64171727**
230.7	220.937	7.87	-0.09	-64.26	208.89	7.952303605	**1.040349204**		305.7	269.566	8.58	-0.05	-62.87	210.28	7.899737017	**8.255750465**
230.74	220.963	8.02	0.15	-69.3	203.85	8.148916851	**1.594625686**		305.74	269.592	8.58	0	-71.3	201.85	8.229659153	**4.168327793**
230.78	220.988	8.28	0.26	-71.74	201.41	8.247637655	**0.391614895**		305.78	269.618	8.67	0.09	-78.76	194.39	8.545484336	**1.446554299**
230.82	221.014	8.31	0.03	-75.38	197.77	8.399437225	**1.070499549**		305.82	269.644	8.76	0.09	-81.54	191.61	8.669467669	**1.038842184**
230.86	221.039	8.36	0.05	-77.35	195.8	8.483946374	**1.471702309**		305.86	269.67	8.85	0.09	-83.17	189.98	8.743850405	**1.206667014**
230.9	221.065	8.4	0.04	-75.11	198.04	8.38798576	**0.143129018**		305.9	269.695	8.91	0.06	-85.04	188.11	8.830772952	**0.893163429**
230.94	221.09	8.4	0	-74.28	198.87	8.352977825	**0.561359011**		305.94	269.721	8.94	0.03	-87.36	185.79	8.941044728	**0.011685312**
230.98	221.116	8.4	0	-75.13	198.02	8.388832946	**0.133029543**		305.98	269.747	8.94	0	-89.08	184.07	9.024592275	**0.941766708**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
231.02	221.141	8.37	-0.03	-76.96	196.19	8.467081401	**1.153185619**		306.02	269.773	8.94	0	-87.55	185.6	8.950197737	**0.114003626**
231.06	221.167	8.31	-0.06	-83.87	189.28	8.77618713	**5.456888967**		306.06	269.799	8.94	0	-86.93	186.22	8.92039899	**0.219491284**
231.1	221.192	8.22	-0.09	-83.52	189.63	8.759988926	**6.360297738**		306.1	269.825	8.94	0	-87.4	185.75	8.942970121	**0.033217314**
231.14	221.218	8.22	0	-83.87	189.28	8.77618713	**6.544845922**		306.14	269.85	8.85	-0.09	-91.18	181.97	9.128739353	**3.100766379**
231.18	221.243	8.19	-0.03	-84.16	188.99	8.78965395	**7.063205784**		306.18	269.876	8.85	0	-92.49	180.66	9.194933577	**3.823051777**
231.22	221.269	8.22	0.03	-84.76	188.39	8.817647964	**7.015615836**		306.22	269.902	8.85	0	-94.84	178.31	9.316116314	**5.131711217**
231.26	221.294	8.36	0.14	-84.64	188.51	8.812034905	**5.264779717**		306.26	269.928	8.85	0	-95.54	177.61	9.352833174	**5.524779236**
231.3	221.32	8.58	0.22	-81.05	192.1	8.647353982	**0.781942281**		306.3	269.954	8.94	0.09	-94.91	178.24	9.319775022	**4.159690051**
231.34	221.345	8.58	0	-76.58	196.57	8.450713232	**1.518277788**		306.34	269.98	9.01	0.07	-89.43	183.72	9.041784781	**0.352151121**
231.38	221.371	8.58	0	-71.91	201.24	8.254604949	**3.865787783**		306.38	270.005	8.94	-0.07	-79.86	193.29	8.594116095	**3.94526765**
231.42	221.396	8.58	0	-61.15	212	7.835644811	**9.068851053**		306.42	270.031	8.94	0	-69.45	203.7	8.154917526	**9.184981127**
231.46	221.422	8.51	-0.07	-57.32	215.83	7.696597785	**10.0379145**		306.46	270.057	8.94	0	-61.66	211.49	7.854540167	**12.9263418**
231.5	221.447	8.43	-0.08	-54.94	218.21	7.612651574	**10.18969242**		306.5	270.083	8.91	-0.03	-56.66	216.49	7.673133632	**14.91716096**
231.54	221.473	8.27	-0.16	-50.55	222.6	7.462518868	**10.26512206**		306.54	270.109	8.85	-0.06	-54.1	219.05	7.583459028	**15.41417385**
231.58	221.499	8.09	-0.18	-50.34	222.81	7.455485391	**8.163329647**		306.58	270.135	8.76	-0.09	-52.17	220.98	7.517226446	**15.27008988**
231.62	221.524	8.02	-0.07	-51.02	222.13	7.478308648	**6.990328612**		306.62	270.16	8.7	-0.06	-53.72	219.43	7.5703263	**13.88630663**
231.66	221.549	7.9	-0.12	-57.21	215.94	7.692677133	**2.659233763**		306.66	270.186	8.6	-0.1	-57.46	215.69	7.701593491	**11.02231521**
231.7	221.575	7.84	-0.06	-62.9	210.25	7.900864209	**0.773327417**		306.7	270.212	8.58	-0.02	-62.28	210.87	7.877634087	**8.53544208**
231.74	221.601	7.92	0.08	-67.33	205.82	8.070919736	**1.887567922**		306.74	270.238	8.58	0	-70.79	202.36	8.208918264	**4.420555627**
231.78	221.626	8.13	0.21	-70.85	202.3	8.211352941	**0.995669593**		306.78	270.264	8.67	0.09	-77.7	195.45	8.49913891	**1.990328003**
231.82	221.652	8.22	0.09	-73.57	199.58	8.323262351	**1.248391626**		306.82	270.29	8.76	0.09	-80.43	192.72	8.619534558	**1.616446535**
231.86	221.677	8.22	0	-76.33	196.82	8.439979169	**2.64080965**		306.86	270.315	8.85	0.09	-83.52	189.63	8.759988926	**1.022272922**
231.9	221.703	8.22	0	-78.44	194.71	8.53144009	**3.718367958**		306.9	270.341	8.91	0.06	-84.18	188.97	8.79058422	**1.349286315**
231.94	221.728	8.31	0.09	-78.39	194.76	8.529249846	**2.60403341**		306.94	270.367	8.94	0.03	-86.16	186.99	8.883665971	**0.63212617**
231.98	221.754	8.31	0	-77.73	195.42	8.50044366	**2.265777914**		306.98	270.393	8.94	0	-87.13	186.02	8.929989786	**0.112033796**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
232.02	221.779	8.28	-0.03	-75.11	198.04	8.38798576	**1.295726574**		307.02	270.419	8.94	0	-88.46	184.69	8.99429693	**0.605509435**
232.06	221.805	8.22	-0.06	-79.02	194.13	8.556929377	**4.016579788**		307.06	270.445	8.94	0	-90.16	182.99	9.077855074	**1.53020516**
232.1	221.83	8.16	-0.06	-81.26	191.89	8.656817447	**5.908578708**		307.1	270.47	8.91	-0.03	-90.57	182.58	9.098240223	**2.090600982**
232.14	221.856	8.13	-0.03	-82.39	190.76	8.70809761	**6.866543038**		307.14	270.496	8.78	-0.13	-93.15	180	9.228648333	**4.982587533**
232.18	221.881	8.13	0	-83.31	189.84	8.750298673	**7.349380299**		307.18	270.522	8.7	-0.08	-93.73	179.42	9.258481217	**6.219693197**
232.22	221.907	8.13	0	-83.87	189.28	8.77618713	**7.644386345**		307.22	270.548	8.67	-0.03	-93.26	179.89	9.234291511	**6.303421849**
232.26	221.932	8.29	0.16	-83.27	189.88	8.74845534	**5.381419044**		307.26	270.574	8.76	0.09	-95.14	178.01	9.331816752	**6.321275079**
232.3	221.958	8.46	0.17	-79.85	193.3	8.593671495	**1.567656503**		307.3	270.6	8.85	0.09	-94.82	178.33	9.315071497	**5.120502793**
232.34	221.984	8.49	0.03	-74.17	198.98	8.348360137	**1.682347475**		307.34	270.625	8.85	0	-89.68	183.47	9.054105303	**2.279983276**
232.38	222.009	8.49	0	-67.32	205.83	8.07052762	**5.065930141**		307.38	270.651	8.85	0	-77.95	195.2	8.510024078	**3.916767864**
232.42	222.035	8.49	0	-60.53	212.62	7.812796068	**8.307825591**		307.42	270.677	8.85	0	-67.53	205.62	8.078770061	**9.111470425**
232.46	222.06	8.42	-0.07	-56.04	217.11	7.651221501	**9.567144593**		307.46	270.703	8.94	0.09	-60.75	212.4	7.820888418	**13.35384562**
232.5	222.086	8.36	-0.06	-51.91	221.24	7.508392244	**10.73338424**		307.5	270.729	8.91	-0.03	-56.35	216.8	7.6621619	**15.05944858**
232.54	222.111	8.25	-0.11	-48.57	224.58	7.396725888	**10.90674327**		307.54	270.755	8.83	-0.08	-51.46	221.69	7.493151247	**16.37978761**
232.58	222.137	8.13	-0.12	-47.42	225.73	7.359042662	**9.954873975**		307.58	270.78	8.76	-0.07	-49.36	223.79	7.422837035	**16.52569277**
232.62	222.163	7.99	-0.14	-48.91	224.24	7.407941045	**7.560217993**		307.62	270.806	8.67	-0.09	-51.05	222.1	7.479318775	**14.74590032**
232.66	222.188	7.85	-0.14	-52.9	220.25	7.542141657	**4.000201527**		307.66	270.832	8.58	-0.09	-54.66	218.49	7.602895785	**12.07576479**
232.7	222.213	7.79	-0.06	-63.75	209.4	7.93293553	**1.81817867**		307.7	270.858	8.58	0	-61.16	211.99	7.836014435	**9.064143655**
232.74	222.239	7.9	0.11	-67.86	205.29	8.09175654	**2.398192332**		307.74	270.884	8.58	0	-70.21	202.94	8.185457278	**4.706614504**
232.78	222.265	8.1	0.2	-69.72	203.43	8.165741041	**0.808337486**		307.78	270.909	8.67	0.09	-78.13	195.02	8.517878679	**1.770100007**
232.82	222.29	8.16	0.06	-73.05	200.1	8.301632684	**1.720761074**		307.82	270.935	8.76	0.09	-79.46	193.69	8.576367907	**2.118460954**
232.86	222.316	8.22	0.06	-75.43	197.72	8.401561299	**2.184647947**		307.86	270.961	8.81	0.05	-81.97	191.18	8.688966942	**1.383316607**
232.9	222.341	8.22	0	-76.07	197.08	8.428844632	**2.508818314**		307.9	270.987	8.88	0.07	-84.58	188.57	8.809231055	**0.800135913**
232.94	222.367	8.29	0.07	-76.16	196.99	8.432695568	**1.706609652**		307.94	271.013	8.96	0.08	-85.9	187.25	8.871330841	**0.994532149**
232.98	222.392	8.31	0.02	-74.23	198.92	8.350878243	**0.490709336**		307.98	271.039	9.03	0.07	-87.68	185.47	8.956471127	**0.817601986**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
233.02	222.418	8.25	-0.06	-76.3	196.85	8.438692913	**2.261326449**		308.02	271.064	9	-0.03	-87.75	185.4	8.959852751	**0.44707771**
233.06	222.443	8.22	-0.03	-78.22	194.93	8.521811419	**3.605481055**		308.06	271.09	8.92	-0.08	-87.31	185.84	8.938639152	**0.208741011**
233.1	222.469	8.13	-0.09	-80.04	193.11	8.602126767	**5.643356325**		308.1	271.116	8.85	-0.07	-87.5	185.65	8.947787234	**1.09886957**
233.14	222.495	8.11	-0.02	-82.83	190.32	8.728229823	**7.343168848**		308.14	271.142	8.76	-0.09	-91.9	181.25	9.165002483	**4.518855528**
233.18	222.52	8.07	-0.04	-83.35	189.8	8.752142782	**8.110058162**		308.18	271.168	8.76	0	-93.16	179.99	9.229161065	**5.216041624**
233.22	222.546	8.13	0.06	-83.84	189.31	8.774796366	**7.62856117**		308.22	271.193	8.79	0.03	-94.81	178.34	9.314549176	**5.794667082**
233.26	222.571	8.29	0.16	-83.78	189.37	8.772016159	**5.650166479**		308.26	271.219	8.85	0.06	-95.23	177.92	9.336537208	**5.350520577**
233.3	222.597	8.49	0.2	-80.45	192.7	8.620429165	**1.524557488**		308.3	271.245	8.88	0.03	-95.08	178.07	9.328672432	**4.928118004**
233.34	222.623	8.49	0	-74	199.15	8.341233743	**1.767740367**		308.34	271.271	8.94	0.06	-89.95	183.2	9.067449236	**1.415516814**
233.38	222.648	8.58	0.09	-67.16	205.99	8.064258945	**6.197224606**		308.38	271.297	8.94	0	-80.83	192.32	8.637462042	**3.442339478**
233.42	222.673	8.49	-0.09	-60.35	212.8	7.8061875	**8.392300346**		308.42	271.322	8.94	0	-71.16	201.99	8.223955146	**8.343588032**
233.46	222.699	8.49	0	-55.15	218	7.619984862	**10.80094296**		308.46	271.348	8.94	0	-62.11	211.04	7.871288381	**12.71421434**
233.5	222.725	8.4	-0.09	-50.9	222.25	7.474270866	**11.66326494**		308.5	271.374	8.85	-0.09	-56.7	216.45	7.674551629	**14.22669005**
233.54	222.75	8.27	-0.13	-48.12	225.03	7.381934409	**11.34767842**		308.54	271.4	8.85	0	-55.1	218.05	7.61823756	**14.95925032**
233.58	222.776	8.16	-0.11	-47.48	225.67	7.360999247	**10.29573857**		308.58	271.426	8.82	-0.03	-53.74	219.41	7.571016362	**15.23985591**
233.62	222.801	8.04	-0.12	-49.2	223.95	7.417533825	**8.053887283**		308.62	271.451	8.76	-0.06	-54.02	219.13	7.580690458	**14.4340234**
233.66	222.827	7.94	-0.1	-53.42	219.73	7.559990443	**4.903352148**		308.66	271.477	8.67	-0.09	-56.9	216.25	7.68164948	**12.08869505**
233.7	222.853	7.87	-0.07	-62.16	210.99	7.873153704	**0.04006445**		308.7	271.503	8.58	-0.09	-63.09	210.06	7.908010568	**8.151249404**
233.74	222.878	7.96	0.09	-68.9	204.25	8.13295814	**2.149488466**		308.74	271.529	8.6	0.02	-70.91	202.24	8.213789063	**4.593978622**
233.78	222.904	8.19	0.23	-70.42	202.73	8.19393627	**0.048050357**		308.78	271.555	8.73	0.13	-78.2	194.95	8.520937163	**2.423785266**
233.82	222.929	8.22	0.03	-73.12	200.03	8.304537819	**1.023179229**		308.82	271.58	8.85	0.12	-81.12	192.03	8.650506171	**2.279863532**
233.86	222.955	8.29	0.07	-75.03	198.12	8.384598728	**1.134644732**		308.86	271.606	8.98	0.13	-83.66	189.49	8.766461027	**2.406552751**
233.9	222.98	8.31	0.02	-74.9	198.25	8.379100631	**0.828092922**		308.9	271.632	9.03	0.05	-85.93	187.22	8.872752377	**1.756686568**
233.94	223.006	8.36	0.05	-73.2	199.95	8.307860465	**0.625629606**		308.94	271.658	9.07	0.04	-88.22	184.93	8.982624236	**0.968011771**
233.98	223.032	8.4	0.04	-74.84	198.31	8.376565478	**0.279372101**		308.98	271.684	9.12	0.05	-89.44	183.71	9.042276958	**0.855873324**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
234.02	223.057	8.31	-0.09	-75.95	197.2	8.423715517	**1.359118567**		309.02	271.709	9.12	0	-88.09	185.06	8.976314168	**1.588012125**
234.06	223.083	8.24	-0.07	-78.27	194.88	8.523997845	**3.388187561**		309.06	271.735	9.05	-0.07	-89.37	183.78	9.038832844	**0.123470171**
234.1	223.108	8.22	-0.02	-79.96	193.19	8.598564625	**4.501747134**		309.1	271.761	8.97	-0.08	-91.34	181.81	9.136773005	**1.842106318**
234.14	223.134	8.13	-0.09	-82.71	190.44	8.722729994	**7.034231177**		309.14	271.787	8.93	-0.04	-93.39	179.76	9.240969626	**3.422708117**
234.18	223.16	8.13	0	-83	190.15	8.736033132	**7.18643355**		309.18	271.813	8.85	-0.08	-94.18	178.97	9.28176063	**4.762478825**
234.22	223.185	8.16	0.03	-83.92	189.23	8.778506051	**7.302958702**		309.22	271.838	8.85	0	-94.42	178.73	9.294224249	**4.896591254**
234.26	223.211	8.31	0.15	-83.5	189.65	8.75906512	**5.261742419**		309.26	271.864	8.85	0	-94.92	178.23	9.32029793	**5.176557164**
234.3	223.236	8.49	0.18	-80.5	192.65	8.622666494	**1.550506389**		309.3	271.89	8.94	0.09	-94.31	178.84	9.288507605	**3.823764535**
234.34	223.262	8.49	0	-73.96	199.19	8.339558713	**1.787822126**		309.34	271.916	8.94	0	-89.99	183.16	9.069429461	**1.437352148**
234.38	223.287	8.55	0.06	-66.91	206.24	8.054483611	**5.968464907**		309.38	271.941	8.94	0	-81.08	192.07	8.648704639	**3.312300332**
234.42	223.313	8.55	0	-60.35	212.8	7.8061875	**9.095181869**		309.42	271.967	8.88	-0.06	-71.68	201.47	8.245181417	**7.41386112**
234.46	223.339	8.46	-0.09	-57.01	216.14	7.685558897	**9.593239948**		309.46	271.993	8.94	0.06	-65.43	207.72	7.997095609	**11.13419222**
234.5	223.364	8.37	-0.09	-50.62	222.53	7.46486631	**11.4321608**		309.5	272.019	8.94	0	-60.34	212.81	7.805820685	**13.54581942**
234.54	223.39	8.27	-0.1	-48.34	224.81	7.3891584	**11.25017804**		309.54	272.045	8.91	-0.03	-57.71	215.44	7.710530542	**14.43358808**
234.58	223.415	8.09	-0.18	-48.07	225.08	7.380294562	**9.175073367**		309.58	272.071	8.85	-0.06	-56.63	216.52	7.672070478	**14.25886087**
234.62	223.441	8	-0.09	-50.08	223.07	7.446795625	**7.162707253**		309.62	272.096	8.79	-0.06	-56.81	216.34	7.678453823	**13.49909578**
234.66	223.467	7.89	-0.11	-54.13	219.02	7.584497763	**3.948460776**		309.66	272.122	8.69	-0.1	-59.53	213.62	7.776222732	**11.09880855**
234.7	223.492	7.87	-0.02	-62.45	210.7	7.883990033	**0.177606222**		309.7	272.148	8.58	-0.11	-64.69	208.46	7.968707186	**7.387801441**
234.74	223.518	7.94	0.07	-68.16	204.99	8.103598712	**2.039426628**		309.74	272.174	8.6	0.02	-71.85	201.3	8.25214456	**4.128322522**
234.78	223.543	8.13	0.19	-69.13	204.02	8.142126752	**0.149049383**		309.78	272.199	8.7	0.1	-78.42	194.73	8.530563858	**1.96669295**
234.82	223.569	8.13	0	-72.04	201.11	8.259940828	**1.585616809**		309.82	272.225	8.82	0.12	-81.42	191.73	8.664041621	**1.784008324**
234.86	223.595	8.22	0.09	-73.48	199.67	8.319510693	**1.203308786**		309.86	272.251	8.92	0.1	-83.24	189.91	8.747073351	**1.957615119**
234.9	223.62	8.22	0	-75.57	197.58	8.407514425	**2.2554715**		309.9	272.277	8.94	0.02	-84.77	188.38	8.818116042	**1.37271271**
234.94	223.646	8.22	0	-76.65	196.5	8.453723664	**2.803496913**		309.94	272.302	9.03	0.09	-86.12	187.03	8.881766027	**1.655157542**
234.98	223.671	8.27	0.05	-76.88	196.27	8.463630203	**2.314264161**		309.98	272.328	9.03	0	-86.88	186.27	8.91800451	**1.247999357**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
235.02	223.697	8.22	-0.05	-78.2	194.95	8.520937163	**3.595224813**		310.02	272.354	8.94	-0.09	-87.7	185.45	8.957437045	**0.194855218**
235.06	223.723	8.18	-0.04	-75.35	197.8	8.398163296	**2.631935666**		310.06	272.38	8.92	-0.02	-87.91	185.24	8.967591773	**0.532120516**
235.1	223.748	8.1	-0.08	-77.3	195.85	8.481780444	**4.604818469**		310.1	272.406	8.82	-0.1	-88.22	184.93	8.982624236	**1.826969261**
235.14	223.774	8.04	-0.06	-75.6	197.55	8.408791192	**4.484113**		310.14	272.431	8.72	-0.1	-91.9	181.25	9.165002483	**4.976264143**
235.18	223.799	8.04	0	-81.24	191.91	8.655915273	**7.378035438**		310.18	272.457	8.67	-0.05	-93.05	180.1	9.223524153	**6.18686569**
235.22	223.825	8.1	0.06	-81.84	191.31	8.683062569	**6.948226121**		310.22	272.483	8.58	-0.09	-93.89	179.26	9.266744951	**7.696024719**
235.26	223.851	8.25	0.15	-81.15	192	8.651857813	**4.755191021**		310.26	272.509	8.63	0.05	-94.51	178.64	9.29890674	**7.4617683**
235.3	223.876	8.4	0.15	-78.09	195.06	8.516131959	**1.373032082**		310.3	272.535	8.67	0.04	-94.12	179.03	9.278649947	**6.782125104**
235.34	223.902	8.42	0.02	-72.29	200.86	8.270221547	**1.794804847**		310.34	272.56	8.76	0.09	-89.84	183.31	9.062008074	**3.389158758**
235.38	223.927	8.49	0.07	-64.77	208.38	7.971766484	**6.296207836**		310.38	272.586	8.76	0	-79.83	193.32	8.592782433	**1.927270942**
235.42	223.953	8.49	0	-58.12	215.03	7.725232293	**9.432707383**		310.42	272.612	8.76	0	-68.88	204.27	8.132161845	**7.433484964**
235.46	223.979	8.47	-0.02	-54.34	218.81	7.591776884	**10.93556612**		310.46	272.637	8.85	0.09	-62.07	211.08	7.86979676	**11.72506167**
235.5	224.004	8.37	-0.1	-50.83	222.32	7.471917506	**11.3380529**		310.5	272.663	8.85	0	-60.07	213.08	7.795929698	**12.66460115**
235.54	224.03	8.25	-0.12	-48.07	225.08	7.380294562	**11.12845871**		310.54	272.689	8.8	-0.05	-54.27	218.88	7.589348958	**14.77363188**
235.58	224.055	8.1	-0.15	-48.41	224.74	7.391459909	**9.147492811**		310.58	272.715	8.76	-0.04	-49.7	223.45	7.434131573	**16.37467772**
235.62	224.081	8.02	-0.08	-50.65	222.5	7.465872809	**7.156550978**		310.62	272.741	8.73	-0.03	-52.09	221.06	7.514506016	**14.96498548**
235.66	224.107	7.92	-0.1	-54.68	218.47	7.603591798	**4.076481869**		310.66	272.766	8.63	-0.1	-55.76	217.39	7.641366668	**12.15181677**
235.7	224.132	7.87	-0.05	-62.43	210.72	7.883241743	**0.16811451**		310.7	272.792	8.58	-0.05	-61.84	211.31	7.861230893	**8.743495079**
235.74	224.158	8	0.13	-68.22	204.93	8.105971307	**1.315925693**		310.74	272.818	8.6	0.02	-69.81	203.34	8.169355267	**5.136091711**
235.78	224.184	8.19	0.19	-69.86	203.29	8.171364553	**0.227798199**		310.78	272.844	8.73	0.13	-76.37	196.78	8.441694786	**3.357912163**
235.82	224.209	8.22	0.03	-72.59	200.56	8.282592242	**0.758574663**		310.82	272.869	8.82	0.09	-79.7	193.45	8.587008012	**2.67699064**
235.86	224.235	8.31	0.09	-75.52	197.63	8.40538734	**1.141311751**		310.86	272.895	8.89	0.07	-82.02	191.13	8.691239994	**2.261046506**
235.9	224.26	8.31	0	-76.93	196.22	8.465786872	**1.85728244**		310.9	272.921	9.03	0.14	-84.03	189.12	8.783611992	**2.766289147**
235.94	224.286	8.38	0.07	-75.73	197.42	8.414328336	**0.408808674**		310.94	272.947	9.05	0.02	-86.26	186.89	8.888419391	**1.801503303**
235.98	224.312	8.4	0.02	-74.79	198.36	8.374454023	**0.304581919**		310.98	272.972	9.03	-0.02	-87.81	185.34	8.962753318	**0.747486286**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
236.02	224.337	8.4	0	-77.83	195.32	8.50479572	**1.239834205**		311.02	272.998	8.97	-0.06	-89.07	184.08	9.024102021	**0.6013306**
236.06	224.363	8.34	-0.06	-80.39	192.76	8.617745902	**3.275740812**		311.06	273.024	8.85	-0.12	-87.54	185.61	8.949715533	**1.120417148**
236.1	224.389	8.25	-0.09	-82.75	190.4	8.7245625	**5.591454861**		311.1	273.05	8.82	-0.03	-86.61	186.54	8.905096494	**0.960180883**
236.14	224.414	8.22	-0.03	-83.76	189.39	8.771089815	**6.486809506**		311.14	273.075	8.72	-0.1	-89.87	183.28	9.063491379	**3.863036476**
236.18	224.44	8.22	0	-84.2	188.95	8.791514686	**6.71915108**		311.18	273.101	8.73	0.01	-92.93	180.22	9.217382643	**5.43123923**
236.22	224.466	8.28	0.06	-84.92	188.23	8.825143176	**6.374026459**		311.22	273.127	8.76	0.03	-93.85	179.3	9.264677635	**5.599851997**
236.26	224.491	8.51	0.23	-83.84	189.31	8.774796366	**3.063922307**		311.26	273.153	8.76	0	-94.29	178.86	9.28746897	**5.845351179**
236.3	224.517	8.58	0.07	-81.7	191.45	8.67671298	**1.120873715**		311.3	273.179	8.76	0	-94.37	178.78	9.291624902	**5.890050397**
236.34	224.542	8.58	0	-76.64	196.51	8.453293471	**1.487751375**		311.34	273.204	8.76	0	-89.66	183.49	9.053118426	**3.291039997**
236.38	224.568	8.58	0	-69.88	203.27	8.172168544	**4.868998955**		311.38	273.23	8.79	0.03	-81.03	192.12	8.646453779	**1.646507059**
236.42	224.594	8.58	0	-61.17	211.98	7.836384093	**9.059436024**		311.42	273.256	8.85	0.06	-72.39	200.76	8.274341004	**6.723283491**
236.46	224.619	8.58	0	-55.48	217.67	7.631537189	**11.70108423**		311.46	273.281	8.94	0.09	-65.16	207.99	7.986714265	**11.26368319**
236.5	224.645	8.4	-0.18	-50.33	222.82	7.455150794	**11.91851428**		311.5	273.307	8.94	0	-58.2	214.95	7.728107467	**14.54145332**
236.54	224.671	8.31	-0.09	-48.14	225.01	7.382590552	**11.81971129**		311.54	273.333	8.94	0	-52.29	220.86	7.521310785	**17.23664942**
236.58	224.696	8.16	-0.15	-47.36	225.79	7.357087116	**10.34875783**		311.58	273.359	8.88	-0.06	-52.33	220.82	7.522673218	**16.55006795**
236.62	224.722	8.04	-0.12	-48.83	224.32	7.405299126	**8.21869319**		311.62	273.384	8.85	-0.03	-54.53	218.62	7.598374806	**15.21883115**
236.66	224.747	7.96	-0.08	-52.92	220.23	7.54282659	**5.381901258**		311.66	273.41	8.76	-0.09	-57.94	215.21	7.718770968	**12.63721711**
236.7	224.773	7.87	-0.09	-60.23	212.92	7.801787995	**0.870506984**		311.7	273.436	8.7	-0.06	-63.34	209.81	7.917433392	**9.41862187**
236.74	224.799	8.02	0.15	-66.57	206.58	8.041227128	**0.264327593**		311.74	273.462	8.69	-0.01	-70.71	202.44	8.205674274	**5.733132852**
236.78	224.824	8.19	0.17	-69.84	203.31	8.17056072	**0.237635864**		311.78	273.488	8.82	0.13	-77.44	195.71	8.487847836	**3.838168293**
236.82	224.85	8.28	0.09	-73.28	199.87	8.311185771	**0.375931789**		311.82	273.513	8.91	0.09	-79.85	193.3	8.593671495	**3.614424608**
236.86	224.876	8.34	0.06	-76.04	197.11	8.427561768	**1.044418607**		311.86	273.539	8.98	0.07	-82.41	190.74	8.709010695	**3.063928328**
236.9	224.901	8.34	0	-76.02	197.13	8.426706742	**1.034272777**		311.9	273.565	9.06	0.08	-84.91	188.24	8.824674352	**2.631589969**
236.94	224.927	8.4	0.06	-78.15	195	8.518752308	**1.403795097**		311.94	273.59	9.12	0.06	-86.97	186.18	8.922315501	**2.191342889**
236.98	224.953	8.4	0	-74.97	198.18	8.382060248	**0.213796774**		311.98	273.616	9.03	-0.09	-88.24	184.91	8.983595803	**0.515213033**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
237.02	224.978	8.4	0	-75.12	198.03	8.388409332	**0.138079408**		312.02	273.642	8.88	-0.15	-86.73	186.42	8.910828774	**0.346569282**
237.06	225.004	8.34	-0.06	-76.43	196.72	8.44426952	**1.24246718**		312.06	273.668	8.81	-0.07	-89.04	184.11	9.022631579	**2.384747063**
237.1	225.03	8.28	-0.06	-80.07	193.08	8.603463331	**3.831717757**		312.1	273.693	8.76	-0.05	-90.01	183.14	9.070419897	**3.481913484**
237.14	225.055	8.22	-0.06	-82.63	190.52	8.71906729	**5.89250023**		312.14	273.719	8.72	-0.04	-88.34	184.81	8.988456793	**3.03196147**
237.18	225.081	8.22	0	-83.38	189.77	8.753526374	**6.286570772**		312.18	273.745	8.64	-0.08	-87.38	185.77	8.942007321	**3.435413436**
237.22	225.106	8.25	0.03	-84.02	189.13	8.78314757	**6.260118023**		312.22	273.771	8.58	-0.06	-89.03	184.12	9.022141538	**5.023724382**
237.26	225.132	8.42	0.17	-83.37	189.78	8.753065128	**3.878924648**		312.26	273.796	8.6	0.02	-93.05	180.1	9.223524153	**6.996642728**
237.3	225.158	8.52	0.1	-80.63	192.52	8.628488988	**1.265289184**		312.3	273.822	8.7	0.1	-94	179.15	9.272434831	**6.370142238**
237.34	225.183	8.58	0.06	-74.61	198.54	8.36686159	**2.515373236**		312.34	273.848	8.76	0.06	-85.54	187.61	8.854307873	**1.07080986**
237.38	225.209	8.58	0	-68.34	204.81	8.110720668	**5.623236305**		312.38	273.874	8.79	0.03	-78.75	194.4	8.545044753	**2.826127655**
237.42	225.235	8.58	0	-60.89	212.26	7.826046829	**9.191161996**		312.42	273.899	8.91	0.12	-71.4	201.75	8.23373829	**7.889314438**
237.46	225.26	8.58	0	-55.46	217.69	7.630836051	**11.71024055**		312.46	273.925	8.98	0.07	-66.55	206.6	8.040448693	**11.04026485**
237.5	225.286	8.4	-0.18	-48.14	225.01	7.382590552	**12.89280673**		312.5	273.951	9.09	0.11	-60.56	212.59	7.813898584	**15.09830894**
237.54	225.312	8.29	-0.11	-45.43	227.72	7.294733445	**12.77232696**		312.54	273.976	9.07	-0.02	-52.4	220.75	7.525058664	**18.61929346**
237.58	225.337	8.16	-0.13	-45.25	227.9	7.288971918	**11.27619478**		312.58	274.002	9	-0.07	-54.43	218.72	7.594900786	**16.93410803**
237.62	225.363	8.07	-0.09	-46.98	226.17	7.344726091	**9.410143323**		312.62	274.028	8.88	-0.12	-54.84	218.31	7.609164491	**15.41418924**
237.66	225.389	7.98	-0.09	-51.73	221.42	7.502288411	**6.171072081**		312.66	274.054	8.81	-0.07	-58.54	214.61	7.740350869	**12.92599945**
237.7	225.414	7.96	-0.02	-60.8	212.35	7.822729927	**1.739497205**		312.7	274.079	8.76	-0.05	-64.55	208.6	7.96335906	**9.527283804**
237.74	225.44	8.05	0.09	-65.77	207.38	8.010206867	**0.49554945**		312.74	274.105	8.76	0	-71.46	201.69	8.236187714	**6.163879748**
237.78	225.466	8.25	0.2	-69.02	204.13	8.137739186	**1.37005859**		312.78	274.131	8.85	0.09	-76.45	196.7	8.445128114	**4.681918324**
237.82	225.491	8.31	0.06	-72.11	201.04	8.262816852	**0.56940408**		312.82	274.157	8.91	0.06	-78.87	194.28	8.55032273	**4.119938394**
237.86	225.517	8.4	0.09	-74.7	198.45	8.370656085	**0.349943559**		312.86	274.182	9.03	0.12	-81.37	191.78	8.661782772	**4.162579123**
237.9	225.543	8.4	0	-75.47	197.68	8.403261331	**0.038817839**		312.9	274.208	9.15	0.12	-82.35	190.8	8.706272013	**4.969995832**
237.94	225.568	8.45	0.05	-73.08	200.07	8.302877493	**1.756384922**		312.94	274.234	9.05	-0.1	-83.91	189.24	8.778042169	**3.050899574**
237.98	225.594	8.49	0.04	-73.12	200.03	8.304537819	**2.208601185**		312.98	274.259	9.03	-0.02	-85.49	187.66	8.851948737	**1.991407822**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
238.02	225.62	8.49	0	-77.77	195.38	8.502183949	**0.143406513**		313.02	274.285	8.97	-0.06	-84.37	188.78	8.799431614	**1.919795638**
238.06	225.645	8.46	-0.03	-80.38	192.77	8.617298854	**1.842198288**		313.06	274.311	8.83	-0.14	-88.27	184.88	8.985053548	**1.740702579**
238.1	225.671	8.34	-0.12	-82.36	190.79	8.70672834	**4.302624325**		313.1	274.337	8.76	-0.07	-88.72	184.43	9.006976631	**2.780176232**
238.14	225.697	8.31	-0.03	-83.05	190.1	8.738330878	**5.024901048**		313.14	274.362	8.67	-0.09	-89.72	183.43	9.056079703	**4.356064171**
238.18	225.722	8.31	0	-82.14	191.01	8.696700173	**4.547621453**		313.18	274.388	8.58	-0.09	-90.45	182.7	9.092264368	**5.797382352**
238.22	225.748	8.34	0.03	-80.69	192.46	8.631178946	**3.431452195**		313.22	274.414	8.58	0	-91.41	181.74	9.140292176	**6.323735185**
238.26	225.774	8.51	0.17	-80.06	193.09	8.603017764	**1.087099482**		313.26	274.439	8.67	0.09	-92.46	180.69	9.19340694	**5.860102071**
238.3	225.799	8.64	0.13	-80.92	192.23	8.641506008	**0.017429134**		313.3	274.465	8.79	0.12	-92.26	180.89	9.183242302	**4.375863802**
238.34	225.825	8.67	0.03	-81.64	191.51	8.673994569	**0.046062854**		313.34	274.491	8.92	0.13	-88.51	184.64	8.996732561	**0.856546364**
238.38	225.851	8.73	0.06	-81.29	191.86	8.658171062	**0.826181632**		313.38	274.516	8.98	0.06	-81.31	191.84	8.659073707	**3.638811176**
238.42	225.876	8.67	-0.06	-77.19	195.96	8.47701929	**2.250895122**		313.42	274.542	9.09	0.11	-73.48	199.67	8.319510693	**8.851360856**
238.46	225.902	8.65	-0.02	-71.37	201.78	8.232514124	**4.945778486**		313.46	274.568	9.12	0.03	-67.82	205.33	8.090180198	**11.9675656**
238.5	225.928	8.55	-0.1	-65.18	207.97	7.987482329	**6.802942064**		313.5	274.594	9.07	-0.05	-63.63	209.52	7.928392039	**13.43195237**
238.54	225.953	8.42	-0.13	-56.63	216.52	7.672070478	**9.29562821**		313.54	274.619	9.04	-0.03	-57.34	215.81	7.697311061	**16.04426105**
238.58	225.979	8.28	-0.14	-48.69	224.46	7.400680299	**11.21532591**		313.58	274.645	9.04	0	-52.32	220.83	7.522332564	**18.32673545**
238.62	226.005	8.16	-0.12	-50.41	222.74	7.45782841	**8.991923483**		313.62	274.671	9.03	-0.01	-52.5	220.65	7.528469069	**18.13610818**
238.66	226.031	8.07	-0.09	-54.8	218.35	7.607770552	**5.896622184**		313.66	274.697	8.92	-0.11	-56.9	216.25	7.68164948	**14.9184034**
238.7	226.056	8.02	-0.05	-61.28	211.87	7.840452636	**2.264088776**		313.7	274.722	8.79	-0.13	-65.06	208.09	7.982876159	**9.624155487**
238.74	226.082	8.11	0.09	-67.43	205.72	8.07484299	**0.434443628**		313.74	274.748	8.67	-0.12	-71.56	201.59	8.240273327	**5.082433201**
238.78	226.108	8.28	0.17	-70.45	202.7	8.195148989	**1.030048486**		313.78	274.774	8.76	0.09	-75.52	197.63	8.40538734	**4.131717543**
238.82	226.133	8.37	0.09	-73.61	199.54	8.324930841	**0.539914295**		313.82	274.799	8.91	0.15	-77.72	195.43	8.500008699	**4.709834536**
238.86	226.159	8.42	0.05	-76.37	196.78	8.441694786	**0.257326281**		313.86	274.825	9.03	0.12	-79.56	193.59	8.580798078	**5.10143742**
238.9	226.185	8.46	0.04	-75.82	197.33	8.418166016	**0.495717173**		313.9	274.851	9.12	0.09	-80.67	192.48	8.630282107	**5.51786039**
238.94	226.21	8.45	-0.01	-77.2	195.95	8.477451901	**0.324347706**		313.94	274.876	9.12	0	-82.32	190.83	8.704903317	**4.65749155**
238.98	226.236	8.49	0.04	-79.63	193.52	8.583901922	**1.099946839**		313.98	274.902	9.06	-0.06	-83.22	189.93	8.746152267	**3.525160615**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
239.02	226.262	8.49	0	-78.53	194.62	8.535385366	**0.533149358**		314.02	274.928	8.91	-0.15	-82.98	190.17	8.735114371	**1.982255541**
239.06	226.287	8.47	-0.02	-77.23	195.92	8.47875	**0.103252452**		314.06	274.954	8.83	-0.08	-85.17	187.98	8.836879987	**0.077885707**
239.1	226.313	8.4	-0.07	-81.86	191.29	8.683970411	**3.324407671**		314.1	274.979	8.7	-0.13	-81.65	191.5	8.67444752	**0.294138624**
239.14	226.339	8.36	-0.04	-83.46	189.69	8.757218093	**4.641152441**		314.14	275.005	8.54	-0.16	-82.37	190.78	8.707184715	**1.938689915**
239.18	226.364	8.31	-0.05	-84.2	188.95	8.791514686	**5.631251913**		314.18	275.031	8.49	-0.05	-82.66	190.49	8.720440443	**2.677914535**
239.22	226.39	8.34	0.03	-84.63	188.52	8.811567473	**5.49882655**		314.22	275.056	8.49	0	-86.01	187.14	8.876545367	**4.451609217**
239.26	226.416	8.51	0.17	-84.5	188.65	8.805495362	**3.413074308**		314.26	275.082	8.63	0.14	-86.16	186.99	8.883665971	**2.896777543**
239.3	226.441	8.58	0.07	-81.59	191.56	8.671730528	**1.063435673**		314.3	275.108	8.82	0.19	-86.35	186.8	8.89270182	**0.820900401**
239.34	226.467	8.63	0.05	-75.05	198.1	8.38544523	**2.874503335**		314.34	275.133	8.94	0.12	-84.18	188.97	8.79058422	**1.685401659**
239.38	226.493	8.67	0.04	-67.82	205.33	8.090180198	**6.919016328**		314.38	275.159	8.98	0.04	-80.33	192.82	8.615064309	**4.14815979**
239.42	226.519	8.67	0	-60.52	212.63	7.812428632	**10.40588602**		314.42	275.185	9.12	0.14	-75.08	198.07	8.386715303	**8.377181952**
239.46	226.544	8.58	-0.09	-55.17	217.98	7.620684008	**11.84290727**		314.46	275.211	9.21	0.09	-69.84	203.31	8.17056072	**11.96094069**
239.5	226.57	8.52	-0.06	-49.41	223.74	7.424495843	**13.74147126**		314.5	275.236	9.21	0	-59.5	213.65	7.775130821	**16.89559172**
239.54	226.596	8.4	-0.12	-47.54	225.61	7.362956872	**13.1579771**		314.54	275.262	9.1	-0.11	-55.58	217.57	7.635044813	**17.50763387**
239.58	226.621	8.25	-0.15	-47	226.15	7.345375636	**11.60118724**		314.58	275.288	9	-0.1	-55.44	217.71	7.630135042	**16.47448989**
239.62	226.647	8.16	-0.09	-48.54	224.61	7.395737946	**9.8261112**		314.62	275.313	8.91	-0.09	-55.25	217.9	7.623481872	**15.56257947**
239.66	226.673	8.04	-0.12	-53.38	219.77	7.558614461	**6.17215767**		314.66	275.339	8.81	-0.1	-59.19	213.96	7.763865676	**12.62390253**
239.7	226.698	7.96	-0.08	-60.42	212.73	7.80875617	**1.918272165**		314.7	275.365	8.64	-0.17	-65.12	208.03	7.98517858	**7.8774663**
239.74	226.724	8.09	0.13	-68.3	204.85	8.109136929	**0.236270976**		314.74	275.39	8.58	-0.06	-71.14	202.01	8.223140934	**4.2475281**
239.78	226.75	8.29	0.2	-70.02	203.13	8.177800916	**1.362648054**		314.78	275.416	8.67	0.09	-75.33	197.82	8.397314225	**3.195415182**
239.82	226.776	8.4	0.11	-73.5	199.65	8.320344102	**0.952802135**		314.82	275.442	8.82	0.15	-76.32	196.83	8.439550373	**4.408569382**
239.86	226.801	8.47	0.07	-75.95	197.2	8.423715517	**0.54794912**		314.86	275.467	8.94	0.12	-78.48	194.67	8.533193096	**4.656354471**
239.9	226.827	8.49	0.02	-78.44	194.71	8.53144009	**0.486916385**		314.9	275.493	8.94	0	-80.18	192.97	8.608367622	**3.779637915**
239.94	226.853	8.49	0	-77.04	196.11	8.470535414	**0.229527969**		314.94	275.519	8.98	0.04	-81.44	191.71	8.664945491	**3.571045426**
239.98	226.878	8.49	0	-77.43	195.72	8.487414163	**0.030462082**		314.98	275.544	9.03	0.05	-82.15	191	8.697155497	**3.75519358**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
240.02	226.904	8.49	0	-76.5	196.65	8.447275362	**0.504504258**		315.02	275.57	9	-0.03	-82.22	190.93	8.700344105	**3.38587649**
240.06	226.93	8.49	0	-80.52	192.63	8.623561751	**1.56088782**		315.06	275.596	8.89	-0.11	-83.85	189.3	8.775259905	**1.299047913**
240.1	226.956	8.43	-0.06	-83.34	189.81	8.751681682	**3.744472603**		315.1	275.621	8.67	-0.22	-84.61	188.54	8.810632757	**1.609012201**
240.14	226.981	8.4	-0.03	-84.99	188.16	8.828426339	**4.973481975**		315.14	275.647	8.54	-0.13	-86.34	186.81	8.892225791	**4.041087984**
240.18	227.007	8.4	0	-85.99	187.16	8.875596816	**5.505995777**		315.18	275.673	8.52	-0.02	-86.62	186.53	8.905573902	**4.425379669**
240.22	227.033	8.4	0	-86.6	186.55	8.904619137	**5.832190041**		315.22	275.698	8.58	0.06	-86.45	186.7	8.897464917	**3.632848568**
240.26	227.058	8.67	0.27	-86.42	186.73	8.896035452	**2.573551134**		315.26	275.724	8.69	0.11	-86.55	186.6	8.902233119	**2.412804759**
240.3	227.084	8.64	-0.03	-83.45	189.7	8.756756458	**1.342278463**		315.3	275.75	8.79	0.1	-86.67	186.48	8.907961712	**1.333054209**
240.34	227.11	8.67	0.03	-77.01	196.14	8.469239829	**2.342696331**		315.34	275.775	8.96	0.17	-84.71	188.44	8.815308321	**1.628007531**
240.38	227.136	8.67	0	-69.26	203.89	8.147318162	**6.215995121**		315.38	275.801	9.09	0.13	-80.72	192.43	8.632524554	**5.16264423**
240.42	227.161	8.67	0	-62.03	211.12	7.868305703	**9.694999131**		315.42	275.827	9.21	0.12	-74.17	198.98	8.348360137	**9.814582417**
240.46	227.187	8.67	0	-56.34	216.81	7.661808496	**12.34635471**		315.46	275.852	9.21	0	-64.43	208.72	7.958780663	**14.57551775**
240.5	227.213	8.58	-0.09	-51.93	221.22	7.50907106	**13.31250183**		315.5	275.878	9.21	0	-60.69	212.46	7.818679751	**16.34090568**
240.54	227.238	8.45	-0.13	-49.02	224.13	7.411576763	**13.09356884**		315.54	275.904	9.07	-0.14	-58.9	214.25	7.753356826	**15.65256194**
240.58	227.264	8.31	-0.14	-50.18	222.97	7.450135444	**10.91189297**		315.58	275.929	9	-0.07	-56.62	216.53	7.671716159	**15.93457839**
240.62	227.29	8.22	-0.09	-50.73	222.42	7.468558133	**9.579489209**		315.62	275.955	8.88	-0.12	-56.98	216.17	7.684492298	**14.43458309**
240.66	227.316	8.11	-0.11	-57.16	215.99	7.690896338	**5.304808705**		315.66	275.981	8.74	-0.14	-61.8	211.35	7.85974308	**10.6056692**
240.7	227.341	8.04	-0.07	-64.28	208.87	7.953065064	**1.087157906**		315.7	276.006	8.52	-0.22	-66.37	206.78	8.03344956	**5.878538347**
240.74	227.367	8.11	0.07	-68.26	204.89	8.107553809	**0.030167196**		315.74	276.032	8.4	-0.12	-71.85	201.3	8.25214456	**1.775812588**
240.78	227.393	8.31	0.2	-71.29	201.86	8.229251461	**0.976447317**		315.78	276.058	8.52	0.12	-75.9	197.25	8.421580228	**1.161872394**
240.82	227.419	8.4	0.09	-74.85	198.3	8.376987897	**0.274329373**		315.82	276.083	8.7	0.18	-78.32	194.83	8.526185392	**2.01802783**
240.86	227.444	8.47	0.07	-77.74	195.41	8.500878665	**0.363901787**		315.86	276.109	8.81	0.11	-79.18	193.97	8.56398773	**2.831960903**
240.9	227.47	8.49	0.02	-78.96	194.19	8.554285494	**0.75433486**		315.9	276.135	8.85	0.04	-80.1	193.05	8.604800311	**2.80953875**
240.94	227.496	8.49	0	-79.43	193.72	8.575039748	**0.996654556**		315.94	276.16	8.92	0.07	-81.33	191.82	8.659976541	**2.958177548**
240.98	227.521	8.49	0	-80.34	192.81	8.615511125	**1.467493418**		315.98	276.186	8.94	0.02	-81.8	191.35	8.681247452	**2.936824403**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
241.02	227.547	8.49	0	-78.14	195.01	8.518315471	0.332960322		316.02	276.212	8.97	0.03	-84.24	188.91	8.793376211	1.988628592
241.06	227.573	8.49	0	-78.41	194.74	8.530125809	0.471510131		316.06	276.237	8.98	0.01	-82.68	190.47	8.721356119	2.92230583
241.1	227.599	8.4	-0.09	-81.75	191.4	8.678979624	3.266935496		316.1	276.263	8.82	-0.16	-83.38	189.77	8.753526374	0.756520058
241.14	227.624	8.4	0	-86.03	187.12	8.877494121	5.527353887		316.14	276.289	8.69	-0.13	-84.51	188.64	8.80596215	1.325587574
241.18	227.65	8.31	-0.09	-86.37	186.78	8.893654031	6.785233305		316.18	276.314	8.67	-0.02	-85.86	187.29	8.869436169	2.27414572
241.22	227.676	8.37	0.06	-86.99	186.16	8.923274065	6.398719678		316.22	276.34	8.67	0	-85.97	187.18	8.874648467	2.332887628
241.26	227.702	8.51	0.14	-86.97	186.18	8.922315501	4.730473139		316.26	276.366	8.83	0.16	-85.6	187.55	8.857140496	0.306895237
241.3	227.727	8.64	0.13	-84.1	189.05	8.786864322	1.685493373		316.3	276.391	9	0.17	-85	188.15	8.828895562	1.919405914
241.34	227.753	8.67	0.03	-76.66	196.49	8.454153901	2.520954907		316.34	276.417	9.16	0.16	-83.54	189.61	8.760912927	4.453869902
241.38	227.779	8.67	0	-67.99	205.16	8.096883895	6.836286433		316.38	276.443	9.27	0.11	-80.67	192.48	8.630282107	7.147573306
241.42	227.804	8.67	0	-60.8	212.35	7.822729927	10.27446732		316.42	276.468	9.39	0.12	-76.57	196.58	8.450283345	10.53477276
241.46	227.83	8.65	-0.02	-54.9	218.25	7.611256357	12.77568743		316.46	276.494	9.3	-0.09	-74.03	199.12	8.342490458	10.85458478
241.5	227.856	8.55	-0.1	-49.81	223.34	7.437793051	13.91320172		316.5	276.519	9.21	-0.09	-69.47	203.68	8.155718284	12.14210319
241.54	227.882	8.45	-0.1	-47.93	225.22	7.375706864	13.576558		316.54	276.545	9.09	-0.12	-65.69	207.46	8.007117999	12.66742151
241.58	227.907	8.28	-0.17	-47.39	225.76	7.358064759	11.79091218		316.58	276.571	9.03	-0.06	-65.33	207.82	7.993247522	12.18043122
241.62	227.933	8.16	-0.12	-48.71	224.44	7.401339779	9.750577158		316.62	276.596	8.97	-0.06	-64.74	208.41	7.970618972	11.79863651
241.66	227.959	8.07	-0.09	-53.24	219.91	7.553802465	6.607834892		316.66	276.622	8.74	-0.23	-67.7	205.45	8.085454855	7.780415453
241.7	227.985	8.04	-0.03	-60.65	212.5	7.817208	2.809977645		316.7	276.648	8.52	-0.22	-72.22	200.93	8.267340367	3.010121046
241.74	228.01	8.11	0.07	-67.24	205.91	8.067392064	0.526759015		316.74	276.673	8.42	-0.1	-76.44	196.71	8.444698795	0.292905263
241.78	228.036	8.28	0.17	-70.4	202.75	8.19312799	1.05471177		316.78	276.699	8.55	0.13	-79.55	193.6	8.580354855	0.354398442
241.82	228.062	8.4	0.12	-73.12	200.03	8.304537819	1.14294908		316.82	276.725	8.76	0.21	-80.69	192.46	8.631178946	1.4814528
241.86	228.088	8.47	0.07	-75.82	197.33	8.418166016	0.613849765		316.86	276.75	8.96	0.2	-81.38	191.77	8.662234448	3.379430155
241.9	228.113	8.49	0.02	-78.18	194.97	8.520063087	0.353474134		316.9	276.776	9.03	0.07	-82.62	190.53	8.718609668	3.508898309
241.94	228.139	8.49	0	-78.54	194.61	8.535823956	0.538287671		316.94	276.802	9.07	0.04	-83.71	189.44	8.76877481	3.377195948
241.98	228.165	8.49	0	-76.43	196.72	8.44426952	0.540093918		316.98	276.827	9.24	0.17	-83.7	189.45	8.768311956	5.238559233

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
242.02	228.191	8.49	0	-76.69	196.46	8.455444874	**0.407839699**		317.02	276.853	9.21	-0.03	-81.61	191.54	8.672636003	**6.009896941**
242.06	228.216	8.49	0	-79.44	193.71	8.575482422	**1.00181665**		317.06	276.879	9.19	-0.02	-84.41	188.74	8.801296493	**4.321017194**
242.1	228.242	8.4	-0.09	-81.98	191.17	8.689421457	**3.387141666**		317.1	276.904	9.03	-0.16	-85.03	188.12	8.83030353	**2.236204665**
242.14	228.268	8.34	-0.06	-84.11	189.04	8.787329137	**5.223571441**		317.14	276.93	8.87	-0.16	-85.58	187.57	8.856196087	**0.155745916**
242.18	228.294	8.31	-0.03	-85.63	187.52	8.858557487	**6.390257162**		317.18	276.955	8.79	-0.08	-86.08	187.07	8.879866895	**1.017176816**
242.22	228.319	8.34	0.03	-86.25	186.9	8.88794382	**6.361105259**		317.22	276.981	8.76	-0.03	-86.36	186.79	8.8931779	**1.508826355**
242.26	228.345	8.51	0.17	-85.39	187.76	8.847234235	**3.885806121**		317.26	277.007	9.01	0.25	-85.59	187.56	8.856668266	**1.716399852**
242.3	228.371	8.58	0.07	-82.4	190.75	8.708554128	**1.487158816**		317.3	277.032	9.18	0.17	-85.14	188.01	8.835469922	**3.824824772**
242.34	228.397	8.65	0.07	-76.62	196.53	8.452433216	**2.310393863**		317.34	277.058	9.36	0.18	-83.94	189.21	8.779433962	**6.401148337**
242.38	228.422	8.67	0.02	-68.03	205.12	8.098462851	**6.816810271**		317.38	277.084	9.39	0.03	-81.7	191.45	8.67671298	**7.896146033**
242.42	228.448	8.67	0	-59.06	214.09	7.759151292	**11.0882016**		317.42	277.109	9.39	0	-78.85	194.3	8.549442615	**9.371053533**
242.46	228.474	8.67	0	-52.81	220.34	7.539060997	**13.95440493**		317.46	277.135	9.39	0	-77.16	195.99	8.47572172	**10.23499967**
242.5	228.5	8.61	-0.06	-50.63	222.52	7.46520178	**14.24303391**		317.5	277.16	9.39	0	-73.37	199.78	8.314929923	**12.14430197**
242.54	228.525	8.47	-0.14	-48.67	224.48	7.400020937	**13.48428042**		317.54	277.186	9.04	-0.35	-70.11	203.04	8.181425827	**9.97099986**
242.58	228.551	8.34	-0.13	-48.22	224.93	7.38521629	**12.14334599**		317.58	277.212	8.97	-0.07	-70.03	203.12	8.178203525	**9.23474548**
242.62	228.577	8.22	-0.12	-51.7	221.45	7.50127207	**9.143381354**		317.62	277.237	8.82	-0.15	-70.04	203.11	8.178606174	**7.546428448**
242.66	228.603	8.13	-0.09	-56.86	216.29	7.680228859	**5.689622138**		317.66	277.263	8.58	-0.24	-71.74	201.41	8.247637655	**3.950196127**
242.7	228.628	8.13	0	-62.86	210.29	7.899361358	**2.877702196**		317.7	277.289	8.46	-0.12	-75.08	198.07	8.386715303	**0.870017639**
242.74	228.654	8.2	0.07	-66.94	206.21	8.0556554	**1.775930857**		317.74	277.314	8.4	-0.06	-78	195.15	8.512204458	**1.326905175**
242.78	228.68	8.43	0.23	-70.46	202.69	8.195553308	**2.820317467**		317.78	277.34	8.58	0.18	-79.99	193.16	8.599900083	**0.231667038**
242.82	228.706	8.49	0.06	-73.47	199.68	8.31909405	**2.033493881**		317.82	277.365	8.79	0.21	-80.58	192.57	8.626248637	**1.880443562**
242.86	228.732	8.56	0.07	-75.98	197.17	8.424997211	**1.589671023**		317.86	277.391	8.89	0.1	-81	192.15	8.645103825	**2.793210434**
242.9	228.757	8.58	0.02	-77.18	195.97	8.476586722	**1.212590529**		317.9	277.417	8.94	0.05	-81.66	191.49	8.674900517	**3.009945844**
242.94	228.783	8.58	0	-75.04	198.11	8.385021957	**2.298588743**		317.94	277.442	9.07	0.13	-81.85	191.3	8.683516466	**4.353881491**
242.98	228.809	8.58	0	-74.9	198.25	8.379100631	**2.369221975**		317.98	277.468	9.12	0.05	-81.71	191.44	8.677166214	**4.976452776**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
243.02	228.835	8.58	0	-79.05	194.1	8.558251932	**0.253795639**		318.02	277.493	9.12	0	-80.01	193.14	8.600790618	**5.859889584**
243.06	228.86	8.58	0	-82.2	190.95	8.699432836	**1.382369861**		318.06	277.519	9.12	0	-81.8	191.35	8.681247452	**4.929458442**
243.1	228.886	8.52	-0.06	-83.14	190.01	8.74246987	**2.577497562**		318.1	277.545	8.94	-0.18	-82.46	190.69	8.711294247	**2.591376582**
243.14	228.912	8.45	-0.07	-84.11	189.04	8.787329137	**3.913937409**		318.14	277.57	8.76	-0.18	-83.44	189.71	8.756294871	**0.042304938**
243.18	228.938	8.4	-0.05	-84.88	188.27	8.823268179	**4.915073891**		318.18	277.596	8.67	-0.09	-84.26	188.89	8.794307269	**1.423557967**
243.22	228.963	8.43	0.03	-85.23	187.92	8.839701469	**4.744742918**		318.22	277.622	8.67	0	-84.36	188.79	8.798965517	**1.476510067**
243.26	228.989	8.6	0.17	-85.12	188.03	8.834530128	**2.690409509**		318.26	277.647	8.87	0.2	-83.9	189.25	8.777578336	**1.047414696**
243.3	229.015	8.7	0.1	-82.71	190.44	8.722729994	**0.260923445**		318.3	277.673	9.18	0.31	-83.46	189.69	8.757218093	**4.714018697**
243.34	229.041	8.76	0.06	-76.58	196.57	8.450713232	**3.594119127**		318.34	277.698	9.39	0.21	-82.52	190.63	8.714036091	**7.467549288**
243.38	229.066	8.76	0	-69.5	203.65	8.156919715	**7.129906566**		318.38	277.724	9.57	0.18	-79.76	193.39	8.589672165	**10.79675697**
243.42	229.092	8.76	0	-62.34	210.81	7.879876192	**10.57848986**		318.42	277.75	9.48	-0.09	-77.15	196	8.475289286	**11.19125065**
243.46	229.118	8.72	-0.04	-56.09	217.06	7.652983968	**13.03386157**		318.46	277.775	9.39	-0.09	-72.94	200.21	8.297071575	**12.35850062**
243.5	229.144	8.64	-0.08	-52.36	220.79	7.523695367	**13.81249285**		318.5	277.801	9.24	-0.15	-71.62	201.53	8.242726641	**11.40867073**
243.54	229.17	8.49	-0.15	-49.73	223.42	7.4351298	**13.24786941**		318.54	277.826	9.05	-0.19	-70.74	202.41	8.20689047	**9.771279845**
243.58	229.195	8.34	-0.15	-49.53	223.62	7.428480011	**11.56129175**		318.58	277.852	8.85	-0.2	-69.12	204.03	8.141727687	**8.336672126**
243.62	229.221	8.25	-0.09	-50.87	222.28	7.473262102	**9.880111304**		318.62	277.878	8.7	-0.15	-69.69	203.46	8.16453701	**6.35016532**
243.66	229.247	8.13	-0.12	-57.69	215.46	7.709814815	**5.305430526**		318.66	277.903	8.49	-0.21	-71.08	202.07	8.220699263	**3.223093578**
243.7	229.273	8.13	0	-61.31	211.84	7.841562972	**3.611882299**		318.7	277.929	8.28	-0.21	-73.83	199.32	8.334119506	**0.651488107**
243.74	229.298	8.2	0.07	-66.77	206.38	8.049019769	**1.858330321**		318.74	277.954	8.31	0.03	-76.2	196.95	8.434408225	**1.48596742**
243.78	229.324	8.4	0.2	-70.35	202.8	8.191107988	**2.518120092**		318.78	277.98	8.43	0.12	-77.91	195.24	8.508280578	**0.924303708**
243.82	229.35	8.49	0.09	-73.18	199.97	8.307029554	**2.178604794**		318.82	278.006	8.67	0.24	-78.96	194.19	8.554285494	**1.343620395**
243.86	229.376	8.51	0.02	-75.92	197.23	8.422434214	**1.034296487**		318.86	278.031	8.83	0.16	-80.01	193.14	8.600790618	**2.629936723**
243.9	229.402	8.58	0.07	-77.93	195.22	8.509152239	**0.829154782**		318.9	278.057	8.91	0.08	-81.12	192.03	8.650506171	**2.955425391**
243.94	229.427	8.58	0	-76.2	196.95	8.434408225	**1.711393927**		318.94	278.082	9.1	0.19	-80.78	192.37	8.63521703	**5.241356444**
243.98	229.453	8.58	0	-74.41	198.74	8.358441683	**2.616041328**		318.98	278.108	9.21	0.11	-80.51	192.64	8.623114099	**6.581978873**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
244.02	229.479	8.58	0	-75.77	197.38	8.416033539	**1.92946737**		319.02	278.134	9.15	-0.06	-77.66	195.49	8.497399867	**7.395991907**
244.06	229.505	8.54	-0.04	-76.42	196.73	8.443840289	**1.132367117**		319.06	278.159	9.05	-0.1	-80.28	192.87	8.612830922	**4.950158664**
244.1	229.53	8.46	-0.08	-79.75	193.4	8.589228025	**1.515939896**		319.1	278.185	8.85	-0.2	-81.06	192.09	8.647804154	**2.311099655**
244.14	229.556	8.4	-0.06	-83.11	190.04	8.741089771	**3.97979096**		319.14	278.21	8.6	-0.25	-82.02	191.13	8.691239994	**1.055331992**
244.18	229.582	8.4	0	-83.89	189.26	8.777114551	**4.390895226**		319.18	278.236	8.4	-0.2	-83.05	190.1	8.738330878	**3.948236043**
244.22	229.608	8.43	0.03	-84.72	188.43	8.81577615	**4.473862434**		319.22	278.262	8.46	0.06	-82.83	190.32	8.728229823	**3.121087235**
244.26	229.634	8.6	0.17	-84.43	188.72	8.802229228	**2.324176125**		319.26	278.287	8.81	0.35	-81.53	191.62	8.669015238	**1.613188839**
244.3	229.66	8.67	0.07	-81.68	191.47	8.675806654	**0.066951672**		319.3	278.313	9.27	0.46	-80.63	192.52	8.628488988	**7.16832591**
244.34	229.685	8.67	0	-75.49	197.66	8.404111606	**3.114520982**		319.34	278.338	9.36	0.09	-80.01	193.14	8.600790618	**8.454075301**
244.38	229.711	8.67	0	-67.82	205.33	8.090180198	**6.919016328**		319.38	278.364	9.3	-0.06	-78.72	194.43	8.543726277	**8.476634437**
244.42	229.737	8.67	0	-61.02	212.13	7.830842879	**10.17108189**		319.42	278.389	9.21	-0.09	-75.97	197.18	8.424569936	**8.907844838**
244.46	229.763	8.65	-0.02	-55	218.15	7.614745359	**12.73004426**		319.46	278.415	9.16	-0.05	-72.27	200.88	8.269398148	**10.21953649**
244.5	229.789	8.58	-0.07	-50.25	222.9	7.452475101	**14.06551255**		319.5	278.441	9.15	-0.01	-69.82	203.33	8.169757045	**11.31936149**
244.54	229.814	8.45	-0.13	-49.23	223.92	7.418527599	**13.00022821**		319.54	278.466	8.98	-0.17	-68.34	204.81	8.110720668	**10.17252987**
244.58	229.84	8.28	-0.17	-48.46	224.69	7.393104722	**11.3174166**		319.58	278.492	8.76	-0.22	-66.93	206.22	8.055264766	**8.382089061**
244.62	229.866	8.19	-0.09	-49.77	223.38	7.436461187	**9.644394899**		319.62	278.517	8.49	-0.27	-67.6	205.55	8.081521284	**4.929887952**
244.66	229.892	8.09	-0.1	-55.73	217.42	7.640312299	**5.717466922**		319.66	278.543	8.27	-0.22	-69.06	204.09	8.139334117	**1.592579952**
244.7	229.917	8.04	-0.05	-61.29	211.86	7.840822713	**2.508400106**		319.7	278.568	8.22	-0.05	-71.94	201.21	8.255835694	**0.435009121**
244.74	229.943	8.11	0.07	-67.25	205.9	8.067783876	**0.521902439**		319.74	278.594	8.27	0.05	-74.18	198.97	8.348779716	**0.948080628**
244.78	229.969	8.34	0.23	-70.28	202.87	8.188281658	**1.83586346**		319.78	278.62	8.49	0.22	-76.08	197.07	8.42927234	**0.717851915**
244.82	229.995	8.4	0.06	-73.38	199.77	8.315346148	**1.012887812**		319.82	278.645	8.73	0.24	-76.88	196.27	8.463630203	**3.098470696**
244.86	230.021	8.45	0.05	-75.97	197.18	8.424569936	**0.301401031**		319.86	278.671	8.78	0.05	-78.35	194.8	8.52749846	**2.917828254**
244.9	230.046	8.49	0.04	-75.73	197.42	8.414328336	**0.895293359**		319.9	278.696	8.85	0.07	-79.48	193.67	8.577253576	**3.130113683**
244.94	230.072	8.49	0	-77.51	195.64	8.490884788	**0.010420993**		319.94	278.722	9.03	0.18	-79.73	193.42	8.588339882	**5.013640568**
244.98	230.098	8.49	0	-78.37	194.78	8.528374063	**0.450972142**		319.98	278.747	9.03	0	-79.8	193.35	8.591449185	**4.977465928**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
245.02	230.124	8.49	0	-77.48	195.67	8.489582971	**0.004912119**		320.02	278.773	9.12	0.09	-81.1	192.05	8.649605311	**5.29437408**
245.06	230.15	8.49	0	-76.82	196.33	8.461043651	**0.341646799**		320.06	278.799	9.05	-0.07	-76.64	196.51	8.453293471	**6.81822001**
245.1	230.175	8.4	-0.09	-77.8	195.35	8.503489634	**1.224476558**		320.1	278.824	8.82	-0.23	-79.05	194.1	8.558251932	**3.012363603**
245.14	230.201	8.38	-0.02	-82.64	190.51	8.719524959	**3.971162475**		320.14	278.85	8.54	-0.28	-80.93	192.22	8.641955572	**1.186774943**
245.18	230.227	8.37	-0.01	-81.75	191.4	8.678979624	**3.624611333**		320.18	278.875	8.34	-0.2	-82.34	190.81	8.705815733	**4.292146984**
245.22	230.253	8.4	0.03	-83.38	189.77	8.753526374	**4.121909004**		320.22	278.901	8.4	0.06	-82.46	190.69	8.711294247	**3.638465247**
245.26	230.279	8.56	0.16	-84.07	189.08	8.785470171	**2.599758544**		320.26	278.927	8.81	0.41	-81.21	191.94	8.654562363	**1.780034719**
245.3	230.305	8.67	0.11	-81.54	191.61	8.669467669	**0.006140111**		320.3	278.952	9.3	0.49	-80.8	192.35	8.636114895	**7.402774895**
245.34	230.33	8.67	0	-75.43	197.72	8.401561299	**3.144864099**		320.34	278.978	9.36	0.06	-80.45	192.7	8.620429165	**8.226398032**
245.38	230.356	8.67	0	-67.6	205.55	8.081521284	**7.02597341**		320.38	279.003	9.3	-0.06	-79.08	194.07	8.559574896	**8.291631897**
245.42	230.382	8.67	0	-60.78	212.37	7.821993219	**10.28386041**		320.42	279.029	9.3	0	-76.22	196.93	8.435264815	**9.751590338**
245.46	230.408	8.67	0	-55.25	217.9	7.623481872	**12.84585009**		320.46	279.054	9.23	-0.07	-73.1	200.05	8.303707573	**10.56584779**
245.5	230.433	8.58	-0.09	-51.31	221.84	7.488084656	**13.59110769**		320.5	279.08	9.12	-0.11	-70.87	202.28	8.212164821	**10.47572751**
245.54	230.459	8.47	-0.11	-49.35	223.8	7.422505362	**13.18224678**		320.54	279.105	8.98	-0.14	-69.76	203.39	8.167346969	**9.478469557**
245.58	230.485	8.37	-0.1	-48.71	224.44	7.401339779	**12.28380384**		320.58	279.131	8.85	-0.13	-68.58	204.57	8.120236105	**8.60051552**
245.62	230.511	8.25	-0.12	-51.9	221.25	7.508052881	**9.416735992**		320.62	279.157	8.67	-0.18	-69.37	203.78	8.151716066	**6.162081581**
245.66	230.537	8.18	-0.07	-57.03	216.12	7.686270128	**6.223641326**		320.66	279.182	8.4	-0.27	-70.86	202.29	8.211758861	**2.266360119**
245.7	230.563	8.13	-0.05	-61.01	212.14	7.830473744	**3.753350446**		320.7	279.208	8.28	-0.12	-73.05	200.1	8.301632684	**0.260923445**
245.74	230.588	8.25	0.12	-66.83	206.32	8.051360508	**2.437090965**		320.74	279.233	8.27	-0.01	-75.49	197.66	8.404111606	**1.608620704**
245.78	230.614	8.43	0.18	-70.65	202.5	8.203242963	**2.726552333**		320.78	279.259	8.49	0.22	-77.24	195.91	8.479182788	**0.127492433**
245.82	230.64	8.49	0.06	-74	199.15	8.341233743	**1.767740367**		320.82	279.284	8.73	0.24	-78.2	194.95	8.520937163	**2.423785266**
245.86	230.666	8.6	0.11	-76.57	196.58	8.450283345	**1.756177909**		320.86	279.31	8.81	0.08	-79.48	193.67	8.577253576	**2.677207453**
245.9	230.692	8.67	0.07	-79.52	193.63	8.579025461	**1.054836858**		320.9	279.335	8.91	0.1	-80.26	192.89	8.611937892	**3.402159165**
245.94	230.718	8.67	0	-81.42	191.73	8.664041621	**0.068747717**		320.94	279.361	9.1	0.19	-80.49	192.66	8.622218935	**5.391887628**
245.98	230.743	8.7	0.03	-82.55	190.6	8.71540766	**0.176942858**		320.98	279.386	9.12	0.02	-80.68	192.47	8.630730503	**5.512668861**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
246.02	230.769	8.73	0.03	-83.19	189.96	8.744771004	**0.169055199**		321.02	279.412	9.12	0	-80.88	192.27	8.639708223	**5.408780045**
246.06	230.795	8.67	-0.06	-84.21	188.94	8.791979994	**1.397092354**		321.06	279.438	9.03	-0.09	-81.32	191.83	8.6595251	**4.188635902**
246.1	230.821	8.61	-0.06	-85.32	187.83	8.843937071	**2.68062237**		321.1	279.463	8.82	-0.21	-82.19	190.96	8.698977273	**1.381618634**
246.14	230.847	8.58	-0.03	-86.31	186.84	8.890798009	**3.557914285**		321.14	279.489	8.6	-0.22	-83.34	189.81	8.751681682	**1.748322548**
246.18	230.872	8.58	0	-86.83	186.32	8.915611314	**3.836520003**		321.18	279.514	8.49	-0.11	-84.27	188.88	8.794772872	**3.526489748**
246.22	230.898	8.59	0.01	-87.58	185.57	8.951644662	**4.123269732**		321.22	279.54	8.58	0.09	-84.22	188.93	8.79244535	**2.445773705**
246.26	230.924	8.76	0.17	-86.9	186.25	8.918962148	**1.798319905**		321.26	279.565	8.96	0.38	-83.12	190.03	8.741549755	**2.468148244**
246.3	230.95	8.85	0.09	-83.76	189.39	8.771089815	**0.895633427**		321.3	279.591	9.42	0.46	-82.75	190.4	8.7245625	**7.665519629**
246.34	230.976	8.85	0	-77.79	195.36	8.503054361	**3.998669417**		321.34	279.616	9.41	-0.01	-82.91	190.24	8.731900231	**7.475509843**
246.38	231.002	8.85	0	-70.29	202.86	8.1886853	**7.762508529**		321.38	279.642	9.3	-0.11	-81.46	191.69	8.665849549	**7.059509761**
246.42	231.027	8.85	0	-63.78	209.37	7.934072217	**10.91424979**		321.42	279.667	9.21	-0.09	-78.85	194.3	8.549442615	**7.438942762**
246.46	231.053	8.83	-0.02	-58.38	214.77	7.734584439	**13.22599507**		321.46	279.693	9.25	0.04	-75.47	197.68	8.403261331	**9.592999873**
246.5	231.079	8.73	-0.1	-54.93	218.22	7.612302722	**13.67857758**		321.5	279.718	9.27	0.02	-72.47	200.68	8.277639526	**11.31047253**
246.54	231.105	8.63	-0.1	-52.09	221.06	7.514506016	**13.81886795**		321.54	279.744	9.07	-0.2	-70.42	202.73	8.19393627	**10.14906122**
246.58	231.131	8.46	-0.17	-51.77	221.38	7.503643961	**11.98167588**		321.58	279.77	8.82	-0.25	-69.47	203.68	8.155718284	**7.826257544**
246.62	231.157	8.37	-0.09	-52.84	220.31	7.540087604	**10.43253082**		321.62	279.795	8.58	-0.24	-69.66	203.49	8.163333333	**4.977105316**
246.66	231.182	8.27	-0.1	-56.7	216.45	7.674551629	**7.468988596**		321.66	279.821	8.42	-0.16	-71.97	201.18	8.257066806	**1.953979031**
246.7	231.208	8.22	-0.05	-62.82	210.33	7.897859079	**3.997316515**		321.7	279.846	8.31	-0.11	-74.34	198.81	8.355498717	**0.546022872**
246.74	231.234	8.29	0.07	-68.37	204.78	8.111908878	**2.171590191**		321.74	279.872	8.4	0.09	-76.7	196.45	8.455875286	**0.662976978**
246.78	231.26	8.49	0.2	-72.09	201.06	8.261994927	**2.722124429**		321.78	279.897	8.58	0.18	-78.8	194.35	8.547243118	**0.382512021**
246.82	231.286	8.58	0.09	-75.27	197.88	8.394768041	**2.182438762**		321.82	279.923	8.82	0.24	-79.61	193.54	8.583014881	**2.723494992**
246.86	231.312	8.63	0.05	-77.9	195.25	8.507844814	**1.425560646**		321.86	279.948	8.85	0.03	-80.84	192.31	8.637911185	**2.425547713**
246.9	231.337	8.67	0.04	-80.11	193.04	8.605246063	**0.749673108**		321.9	279.974	8.91	0.06	-81.52	191.63	8.668562856	**2.746949753**
246.94	231.363	8.74	0.07	-78.32	194.83	8.526185392	**2.476686109**		321.94	279.999	9.05	0.14	-81.77	191.38	8.679886613	**4.175022605**
246.98	231.389	8.76	0.02	-79.28	193.87	8.568405117	**2.211338919**		321.98	280.025	9.03	-0.02	-81.58	191.57	8.671277862	**4.05306488**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
247.02	231.415	8.76	0	-79.03	194.12	8.557370183	**2.340191547**		322.02	280.05	9.03	0	-79.88	193.27	8.595005433	**4.936107042**
247.06	231.441	8.69	-0.07	-80	193.15	8.600345327	**1.037048952**		322.06	280.076	8.96	-0.07	-76.68	196.47	8.455014506	**5.799426625**
247.1	231.467	8.64	-0.05	-84.65	188.5	8.812502387	**1.976821242**		322.1	280.101	8.79	-0.17	-80.61	192.54	8.627592708	**1.864864964**
247.14	231.492	8.58	-0.06	-85.62	187.53	8.858085106	**3.189399578**		322.14	280.127	8.58	-0.21	-82.71	190.44	8.722729994	**1.649797387**
247.18	231.518	8.58	0	-85.79	187.36	8.866122438	**3.280069128**		322.18	280.152	8.43	-0.15	-83.73	189.42	8.769700665	**3.950076479**
247.22	231.544	8.63	0.05	-86.21	186.94	8.886042046	**2.923514855**		322.22	280.178	8.49	0.06	-83.8	189.35	8.772942699	**3.278035543**
247.26	231.57	8.72	0.09	-86.26	186.89	8.888419391	**1.912941614**		322.26	280.203	8.87	0.38	-83.04	190.11	8.737871232	**1.50079207**
247.3	231.596	8.82	0.1	-84.5	188.65	8.805495362	**0.164587014**		322.3	280.229	9.45	0.58	-82.53	190.62	8.714493233	**8.098291078**
247.34	231.622	8.85	0.03	-76.67	196.48	8.454584182	**4.570070153**		322.34	280.255	9.3	-0.15	-82.98	190.17	8.735114371	**6.264286625**
247.38	231.648	8.85	0	-69.53	203.62	8.158121501	**8.135860261**		322.38	280.28	9.21	-0.09	-81.3	191.85	8.658622361	**6.171462216**
247.42	231.673	8.85	0	-62.32	210.83	7.879128682	**11.60695619**		322.42	280.305	9.21	0	-78.41	194.74	8.530125809	**7.664818148**
247.46	231.699	8.81	-0.04	-55.38	217.77	7.628032787	**14.380884**		322.46	280.331	9.21	0	-74.66	198.49	8.368969218	**9.568601799**
247.5	231.725	8.72	-0.09	-52.54	220.61	7.529834096	**14.64834529**		322.5	280.356	9.21	0	-70.99	202.16	8.217039474	**11.39563066**
247.54	231.751	8.63	-0.09	-50.14	223.01	7.448799157	**14.69265001**		322.54	280.382	9.05	-0.16	-69.6	203.55	8.160927045	**10.33149409**
247.58	231.777	8.43	-0.2	-50.37	222.78	7.456489362	**12.25583093**		322.58	280.408	8.79	-0.26	-68.06	205.09	8.099647472	**8.174860124**
247.62	231.803	8.37	-0.06	-52.27	220.88	7.520629754	**10.69020246**		322.62	280.433	8.58	-0.21	-68.53	204.62	8.118251882	**5.530496506**
247.66	231.828	8.25	-0.12	-56.4	216.75	7.663929412	**7.365504434**		322.66	280.458	8.38	-0.2	-70.3	202.85	8.189088982	**2.304423836**
247.7	231.854	8.22	-0.03	-62.79	210.36	7.896732744	**4.011573081**		322.7	280.484	8.31	-0.07	-72.91	200.24	8.295828506	**0.170680965**
247.74	231.88	8.29	0.07	-68.48	204.67	8.116268628	**2.117865755**		322.74	280.509	8.36	0.05	-75.68	197.47	8.412197802	**0.622432466**
247.78	231.906	8.46	0.17	-71.79	201.36	8.249685638	**2.517274913**		322.78	280.535	8.58	0.22	-77.85	195.3	8.505666667	**0.870125056**
247.82	231.932	8.55	0.09	-75.25	197.9	8.393919656	**1.842316852**		322.82	280.561	8.79	0.21	-78.77	194.38	8.545923963	**2.815841107**
247.86	231.958	8.65	0.1	-77.65	195.5	8.496965217	**1.784978049**		322.86	280.586	8.85	0.06	-80.38	192.77	8.617298854	**2.664420508**
247.9	231.983	8.67	0.02	-78.78	194.37	8.546363636	**1.436265709**		322.9	280.611	8.91	0.06	-81.18	191.97	8.653209877	**2.924182143**
247.94	232.009	8.67	0	-81.37	191.78	8.661782772	**0.094822652**		322.94	280.637	9.03	0.12	-81.46	191.69	8.665849549	**4.11565944**
247.98	232.035	8.67	0	-82.88	190.27	8.730523467	**0.695651102**		322.98	280.663	9.03	0	-81.63	191.52	8.673541667	**4.026972004**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
248.02	232.061	8.67	0	-81.3	191.85	8.658622361	**0.131316137**		323.02	280.688	9.03	0	-77.55	195.6	8.492621166	**6.13354394**
248.06	232.087	8.67	0	-78.7	194.45	8.542847519	**1.477413673**		323.06	280.714	8.92	-0.11	-76.75	196.4	8.458028004	**5.316736696**
248.1	232.113	8.58	-0.09	-80.71	192.44	8.632075972	**0.605109713**		323.1	280.739	8.73	-0.19	-80.19	192.96	8.608813744	**1.397860984**
248.14	232.139	8.58	0	-85.03	188.12	8.83030353	**2.875349407**		323.14	280.764	8.58	-0.15	-82.15	191	8.697155497	**1.356189651**
248.18	232.164	8.49	-0.09	-85.98	187.17	8.875122616	**4.435587635**		323.18	280.79	8.43	-0.15	-83.43	189.72	8.755833333	**3.791882849**
248.22	232.19	8.52	0.03	-86.82	186.33	8.915132829	**4.532604744**		323.22	280.815	8.46	0.03	-83.38	189.77	8.753526374	**3.410415364**
248.26	232.216	8.69	0.17	-86.87	186.28	8.917525768	**2.58441499**		323.26	280.841	8.81	0.35	-82.81	190.34	8.727312704	**0.942987079**
248.3	232.242	8.76	0.07	-84.45	188.7	8.803162162	**0.49150787**		323.3	280.867	9.36	0.55	-82.16	190.99	8.69761087	**7.336398321**
248.34	232.268	8.81	0.05	-78.15	195	8.518752308	**3.36143869**		323.34	280.892	9.23	-0.13	-82.76	190.39	8.725020747	**5.624936448**
248.38	232.294	8.85	0.04	-69.29	203.86	8.14851712	**8.253459704**		323.38	280.917	9.15	-0.08	-80.94	192.21	8.642405182	**5.705747064**
248.42	232.32	8.85	0	-62.25	210.9	7.876513514	**11.64004065**		323.42	280.943	9.15	0	-78.75	194.4	8.545044753	**6.837566735**
248.46	232.346	8.78	-0.07	-56.06	217.09	7.65192639	**13.73026611**		323.46	280.968	9.2	0.05	-73.85	199.3	8.334955845	**9.866510782**
248.5	232.371	8.73	-0.05	-52.36	220.79	7.523695367	**14.84345075**		323.5	280.994	9.15	-0.05	-72.04	201.11	8.259940828	**10.22472368**
248.54	232.397	8.6	-0.13	-50.68	222.47	7.466879579	**14.10504654**		323.54	281.019	9.03	-0.12	-70.38	202.77	8.19231987	**9.727843131**
248.58	232.423	8.46	-0.14	-49.94	223.21	7.442124905	**12.80174947**		323.58	281.045	8.76	-0.27	-69.33	203.82	8.150116279	**7.213241008**
248.62	232.449	8.34	-0.12	-51.75	221.4	7.502966125	**10.56663088**		323.62	281.07	8.51	-0.25	-69.3	203.85	8.148916851	**4.335013526**
248.66	232.475	8.22	-0.12	-55.32	217.83	7.62593169	**7.498054665**		323.66	281.096	8.39	-0.12	-71.75	201.4	8.24804717	**1.706364079**
248.7	232.501	8.13	-0.09	-65.33	207.82	7.993247522	**1.696339127**		323.7	281.121	8.22	-0.17	-73.69	199.46	8.328269829	**1.308533516**
248.74	232.526	8.29	0.16	-67.99	205.16	8.096883895	**2.356959453**		323.74	281.147	8.29	0.07	-76.12	197.03	8.430983607	**1.686307575**
248.78	232.552	8.46	0.17	-71.96	201.19	8.256656394	**2.432826287**		323.78	281.172	8.49	0.2	-77.87	195.28	8.506537792	**0.19460189**
248.82	232.578	8.52	0.06	-74.49	198.66	8.361807611	**1.874116714**		323.82	281.198	8.7	0.21	-78.76	194.39	8.545484336	**1.791955058**
248.86	232.604	8.58	0.06	-77.31	195.84	8.482213542	**1.14623414**		323.86	281.223	8.81	0.11	-79.98	193.17	8.599454884	**2.418744494**
248.9	232.63	8.67	0.09	-77.9	195.25	8.507844814	**1.887957278**		323.9	281.249	8.85	0.04	-80.78	192.37	8.63521703	**2.456737825**
248.94	232.656	8.67	0	-79.01	194.14	8.556488616	**1.317870241**		323.94	281.274	8.96	0.11	-81.13	192.02	8.650956671	**3.509671105**
248.98	232.682	8.67	0	-80.69	192.46	8.631178946	**0.448767727**		323.98	281.3	8.94	-0.02	-79.3	193.85	8.569289141	**4.234447851**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
249.02	232.708	8.67	0	-80.31	192.84	8.614170815	**0.646015194**		324.02	281.325	8.94	0	-77.65	195.5	8.496965217	**5.081558369**
249.06	232.733	8.65	-0.02	-79.16	193.99	8.563104799	**1.00964006**		324.06	281.351	8.87	-0.07	-80.23	192.92	8.610598694	**2.967876682**
249.1	232.759	8.56	-0.09	-81.68	191.47	8.675806654	**1.343791516**		324.1	281.376	8.7	-0.17	-81.07	192.08	8.648254373	**0.596551396**
249.14	232.785	8.51	-0.05	-83.9	189.25	8.777578336	**3.09561386**		324.14	281.402	8.56	-0.14	-82.35	190.8	8.706272013	**1.694309142**
249.18	232.811	8.49	-0.02	-85.56	187.59	8.855251879	**4.211548862**		324.18	281.427	8.49	-0.07	-84.1	189.05	8.786864322	**3.436553255**
249.22	232.837	8.49	0	-86.55	186.6	8.902233119	**4.740427709**		324.22	281.453	8.46	-0.03	-84.33	188.82	8.797567525	**3.912110141**
249.26	232.863	8.65	0.16	-86.52	186.63	8.900802122	**2.858013213**		324.26	281.478	8.83	0.37	-83.66	189.49	8.766461027	**0.722178999**
249.3	232.889	8.7	0.05	-83.97	189.18	8.780826197	**0.924741158**		324.3	281.503	9.36	0.53	-82.57	190.58	8.716322279	**7.121777436**
249.34	232.915	8.76	0.06	-77.83	195.32	8.50479572	**2.956354472**		324.34	281.529	9.24	-0.12	-83.18	189.97	8.744310681	**5.512463927**
249.38	232.94	8.82	0.06	-70.11	203.04	8.181425827	**7.512007276**		324.38	281.554	9.13	-0.11	-82.15	191	8.697155497	**4.856013094**
249.42	232.966	8.85	0.03	-62.71	210.44	7.893730755	**11.42241546**		324.42	281.58	9.12	-0.01	-78.92	194.23	8.552523812	**6.422129562**
249.46	232.992	8.81	-0.04	-56.59	216.56	7.670653399	**13.82647367**		324.46	281.605	9.14	0.02	-76.41	196.74	8.443411101	**7.923251013**
249.5	233.018	8.73	-0.08	-52.17	220.98	7.517226446	**14.92899183**		324.5	281.631	9.18	0.04	-73.42	199.73	8.317011465	**9.864410688**
249.54	233.044	8.58	-0.15	-49.64	223.51	7.432135922	**14.3374261**		324.54	281.656	9	-0.18	-71.65	201.5	8.243953846	**8.768825997**
249.58	233.07	8.46	-0.12	-49.38	223.77	7.423500469	**13.05127334**		324.58	281.682	8.76	-0.24	-70.13	203.02	8.1822318	**6.820449714**
249.62	233.096	8.34	-0.12	-52.96	220.19	7.54419683	**10.02006181**		324.62	281.707	8.52	-0.24	-70.35	202.8	8.191107988	**3.936208324**
249.66	233.122	8.25	-0.09	-55.24	217.91	7.623132027	**7.898478661**		324.66	281.733	8.38	-0.14	-73.05	200.1	8.301632684	**0.939564104**
249.7	233.148	8.22	-0.03	-65.24	207.91	7.989787408	**2.840414698**		324.7	281.758	8.25	-0.13	-74.97	198.18	8.382060248	**1.588020321**
249.74	233.173	8.34	0.12	-67.63	205.52	8.082700954	**3.133455904**		324.74	281.783	8.27	0.02	-77.21	195.94	8.477884556	**2.48251719**
249.78	233.199	8.52	0.18	-71.94	201.21	8.255835694	**3.149343028**		324.78	281.809	8.49	0.22	-78.58	194.57	8.537578763	**0.558843557**
249.82	233.225	8.58	0.06	-74.98	198.17	8.382483221	**2.32886631**		324.82	281.834	8.73	0.24	-79.5	193.65	8.578139427	**1.754787958**
249.86	233.251	8.67	0.09	-77.6	195.55	8.494792636	**2.041473702**		324.86	281.86	8.78	0.05	-80.71	192.44	8.632075972	**1.699096977**
249.9	233.277	8.7	0.03	-80.02	193.13	8.601235955	**1.141699301**		324.9	281.885	8.85	0.07	-81.47	191.68	8.666301649	**2.097455903**
249.94	233.303	8.76	0.06	-81.33	191.82	8.659976541	**1.148376512**		324.94	281.911	8.98	0.13	-82.17	190.98	8.69806629	**3.189644226**
249.98	233.329	8.76	0	-82.54	190.61	8.714950422	**0.515590335**		324.98	281.936	9.03	0.05	-82.65	190.5	8.719982677	**3.493156342**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
250.02	233.354	8.76	0	-82.98	190.17	8.735114371	**0.284486607**		325.02	281.962	9.03	0	-81.36	191.79	8.661331143	**4.167791034**
250.06	233.38	8.76	0	-84.53	188.62	8.806895875	**0.533911917**		325.06	281.987	8.92	-0.11	-77.24	195.91	8.479182788	**5.067102488**
250.1	233.406	8.73	-0.03	-85.74	187.41	8.863757003	**1.520505294**		325.1	282.012	8.7	-0.22	-81.44	191.71	8.664945491	**0.403738779**
250.14	233.432	8.65	-0.08	-86.91	186.24	8.919441044	**3.067155559**		325.14	282.038	8.6	-0.1	-83.17	189.98	8.743850405	**1.658805882**
250.18	233.458	8.58	-0.07	-87.45	185.7	8.945378029	**4.169702114**		325.18	282.063	8.43	-0.17	-84.72	188.43	8.81577615	**4.473862434**
250.22	233.484	8.65	0.07	-88.78	184.37	9.009907794	**4.07598724**		325.22	282.089	8.46	0.03	-85.05	188.1	8.831242424	**4.293993631**
250.26	233.51	8.82	0.17	-88.22	184.93	8.982624236	**1.826969261**		325.26	282.114	8.87	0.41	-84.06	189.09	8.785005553	**0.962836821**
250.3	233.536	8.91	0.09	-86.24	186.91	8.8874683	**0.253201179**		325.3	282.14	9.3	0.43	-83.65	189.5	8.765998417	**5.911675301**
250.34	233.562	8.94	0.03	-80.95	192.2	8.642854839	**3.379942154**		325.34	282.165	9.23	-0.07	-83.64	189.51	8.765535856	**5.161992931**
250.38	233.587	8.94	0	-74.11	199.04	8.345843549	**6.874486041**		325.38	282.191	9.21	-0.02	-82.36	190.79	8.70672834	**5.617896866**
250.42	233.613	8.94	0	-67.16	205.99	8.064258945	**10.30025546**		325.42	282.216	9.21	0	-80.01	193.14	8.600790618	**6.84090218**
250.46	233.639	8.92	-0.02	-61.63	211.52	7.853426154	**12.71742382**		325.46	282.241	9.14	-0.07	-77.18	195.97	8.476586722	**7.531689174**
250.5	233.665	8.79	-0.13	-56.62	216.53	7.671716159	**13.58647944**		325.5	282.267	9.07	-0.07	-74.16	198.99	8.3479406	**8.290984756**
250.54	233.691	8.67	-0.12	-54.8	218.35	7.607770552	**13.05128912**		325.54	282.292	8.96	-0.11	-72.48	200.67	8.278052026	**7.912123403**
250.58	233.717	8.55	-0.12	-52.93	220.22	7.543169104	**12.51252491**		325.58	282.318	8.76	-0.2	-71.13	202.02	8.222733888	**6.327204039**
250.62	233.743	8.43	-0.12	-54.29	218.86	7.590042493	**10.48633307**		325.62	282.343	8.58	-0.18	-70.98	202.17	8.216633032	**4.32666437**
250.66	233.769	8.34	-0.09	-58.29	214.86	7.731344596	**7.574417932**		325.66	282.369	8.36	-0.22	-72.22	200.93	8.267340367	**1.114545449**
250.7	233.795	8.25	-0.09	-64.02	209.13	7.943177449	**3.789528664**		325.7	282.394	8.25	-0.11	-74.28	198.87	8.352977825	**1.240474158**
250.74	233.82	8.38	0.13	-69.78	203.37	8.16815017	**2.560404978**		325.74	282.42	8.29	0.04	-76.31	196.84	8.439121622	**1.782778857**
250.78	233.846	8.55	0.17	-73.36	199.79	8.314513739	**2.79268367**		325.78	282.445	8.46	0.17	-78.12	195.03	8.517441932	**0.67668536**
250.82	233.872	8.61	0.06	-76.36	196.79	8.441265816	**1.979139678**		325.82	282.47	8.67	0.21	-79.03	194.12	8.557370183	**1.30756831**
250.86	233.898	8.67	0.06	-79.04	194.11	8.557811035	**1.302416944**		325.86	282.496	8.76	0.09	-80.44	192.71	8.619981838	**1.611257863**
250.9	233.924	8.76	0.09	-78.65	194.5	8.540651414	**2.535726325**		325.9	282.521	8.76	0	-81.49	191.66	8.66720599	**1.06493273**
250.94	233.95	8.76	0	-78.9	194.25	8.551643243	**2.407128588**		325.94	282.547	8.85	0.09	-81.91	191.24	8.686240849	**1.867665393**
250.98	233.976	8.68	-0.08	-79.24	193.91	8.566637615	**1.314602732**		325.98	282.572	8.97	0.12	-82.06	191.09	8.693059291	**3.135818139**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
251.02	234.002	8.67	-0.01	-81.21	191.94	8.654562363	**0.178216759**		326.02	282.597	8.97	0	-81.86	191.29	8.683970411	**3.240399547**
251.06	234.028	8.67	0	-80.18	192.97	8.608367622	**0.713405102**		326.06	282.623	8.89	-0.08	-76.95	196.2	8.466649847	**4.878247319**
251.1	234.054	8.58	-0.09	-84.68	188.47	8.813905131	**2.689506802**		326.1	282.648	8.73	-0.16	-80.38	192.77	8.617298854	**1.299350953**
251.14	234.08	8.54	-0.04	-86.27	186.88	8.888895013	**4.003638929**		326.14	282.674	8.58	-0.15	-82.49	190.66	8.712664953	**1.534349433**
251.18	234.105	8.49	-0.05	-86.78	186.37	8.913219402	**4.863690935**		326.18	282.699	8.46	-0.12	-83.31	189.84	8.750298673	**3.373546016**
251.22	234.131	8.49	0	-86.99	186.16	8.923274065	**4.976365314**		326.22	282.725	8.49	0.03	-84.24	188.91	8.793376211	**3.510612825**
251.26	234.157	8.65	0.16	-87.59	185.56	8.952127075	**3.432847332**		326.26	282.75	8.81	0.32	-83.75	189.4	8.770626716	**0.447916729**
251.3	234.183	8.76	0.11	-85.12	188.03	8.834530128	**0.847196573**		326.3	282.775	9.27	0.46	-83.25	189.9	8.747533965	**5.79952879**
251.34	234.209	8.82	0.06	-79.19	193.96	8.564429264	**2.940225789**		326.34	282.801	9.25	-0.02	-83.49	189.66	8.75860329	**5.457355043**
251.38	234.235	8.85	0.03	-70.35	202.8	8.191107988	**7.732971498**		326.38	282.826	9.21	-0.04	-81.72	191.43	8.677619495	**5.952502565**
251.42	234.261	8.85	0	-62.59	210.56	7.889232048	**11.47923572**		326.42	282.852	9.15	-0.06	-79.13	194.02	8.561780744	**6.642124406**
251.46	234.287	8.83	-0.02	-56.39	216.76	7.663575844	**14.14398147**		326.46	282.877	9.12	-0.03	-76.48	196.67	8.446416332	**7.668993554**
251.5	234.313	8.73	-0.1	-51.46	221.69	7.493151247	**15.24794701**		326.5	282.902	9.06	-0.06	-73.63	199.52	8.325765337	**8.446388744**
251.54	234.339	8.6	-0.13	-48.6	224.55	7.397714095	**15.03072124**		326.54	282.928	8.92	-0.14	-71.99	201.16	8.257887751	**7.708890156**
251.58	234.365	8.46	-0.14	-48.82	224.33	7.404969019	**13.30013289**		326.58	282.953	8.67	-0.25	-70.5	202.65	8.197170984	**5.606500533**
251.62	234.39	8.34	-0.12	-50.34	222.81	7.455485391	**11.19958757**		326.62	282.979	8.49	-0.18	-70.64	202.51	8.202837885	**3.440542794**
251.66	234.416	8.2	-0.14	-55.62	217.53	7.636448766	**7.117141509**		326.66	283.004	8.34	-0.15	-71.84	201.31	8.251734638	**1.063967859**
251.7	234.442	8.13	-0.07	-62.59	210.56	7.889232048	**3.005986197**		326.7	283.029	8.22	-0.12	-73.9	199.25	8.337047428	**1.413868365**
251.74	234.468	8.27	0.14	-68.26	204.89	8.107553809	**1.983766227**		326.74	283.055	8.27	0.05	-76.02	197.13	8.426706742	**1.877097612**
251.78	234.494	8.46	0.19	-71.38	201.77	8.232922139	**2.720648417**		326.78	283.08	8.49	0.22	-78.08	195.07	8.515695391	**0.302197479**
251.82	234.52	8.52	0.06	-74.11	199.04	8.345843549	**2.065197041**		326.82	283.106	8.67	0.18	-79.06	194.09	8.558692874	**1.292113411**
251.86	234.546	8.58	0.06	-77	196.15	8.468808055	**1.304395528**		326.86	283.131	8.76	0.09	-80.45	192.7	8.620429165	**1.60606892**
251.9	234.572	8.64	0.06	-78.71	194.44	8.543286875	**1.125665021**		326.9	283.157	8.76	0	-81.63	191.52	8.673541667	**0.991861952**
251.94	234.598	8.67	0.03	-80.38	192.77	8.617298854	**0.609709439**		326.94	283.182	8.85	0.09	-81.93	191.22	8.687149357	**1.85720769**
251.98	234.624	8.58	-0.09	-80.17	192.98	8.607921546	**0.324897297**		326.98	283.207	8.94	0.09	-81.86	191.29	8.683970411	**2.905470023**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
252.02	234.649	8.58	0	-77.68	195.47	8.4982693	**0.957130947**		327.02	283.233	8.94	0	-82.51	190.64	8.713578997	**2.565156935**
252.06	234.675	8.58	0	-79.41	193.74	8.574154537	**0.068152155**		327.06	283.258	8.92	-0.02	-80.34	192.81	8.615511125	**3.472825775**
252.1	234.701	8.58	0	-80.53	192.62	8.624009449	**0.511618513**		327.1	283.284	8.79	-0.13	-82.65	190.5	8.719982677	**0.799741772**
252.14	234.727	8.49	-0.09	-84.94	188.21	8.826080973	**3.881720973**		327.14	283.309	8.6	-0.19	-83.86	189.29	8.775723493	**2.022632245**
252.18	234.753	8.49	0	-85.42	187.73	8.848648058	**4.136978352**		327.18	283.334	8.49	-0.11	-85.03	188.12	8.83030353	**3.929533095**
252.22	234.779	8.52	0.03	-86.28	186.87	8.889370686	**4.243354825**		327.22	283.36	8.49	0	-85.42	187.73	8.848648058	**4.136978352**
252.26	234.805	8.69	0.17	-86.6	186.55	8.904619137	**2.43959969**		327.26	283.385	8.85	0.36	-84.51	188.64	8.80596215	**0.498843954**
252.3	234.831	8.76	0.07	-83.97	189.18	8.780826197	**0.237459707**		327.3	283.41	9.3	0.45	-83.83	189.32	8.774332876	**5.816725055**
252.34	234.857	8.76	0	-77.35	195.8	8.483946374	**3.201745356**		327.34	283.436	9.34	0.04	-83.49	189.66	8.75860329	**6.424768813**
252.38	234.883	8.82	0.06	-68.97	204.18	8.1357464	**8.071052534**		327.38	283.461	9.21	-0.13	-82.5	190.65	8.713121951	**5.544547988**
252.42	234.909	8.85	0.03	-62.25	210.9	7.876513514	**11.64004065**		327.42	283.487	9.21	0	-80.51	192.64	8.623114099	**6.581978873**
252.46	234.935	8.85	0	-57.19	215.96	7.691964716	**14.00118189**		327.46	283.512	9.14	-0.07	-78.6	194.55	8.538456438	**6.805385574**
252.5	234.961	8.76	-0.09	-52.59	220.56	7.531541077	**15.08094191**		327.5	283.537	9.12	-0.02	-76.42	196.73	8.443840289	**7.69945183**
252.54	234.986	8.65	-0.11	-50.46	222.69	7.459502896	**14.78006008**		327.54	283.563	9.07	-0.05	-74.28	198.87	8.352977825	**8.230764942**
252.58	235.012	8.52	-0.13	-49.45	223.7	7.425823424	**13.72367606**		327.58	283.588	8.89	-0.18	-72.77	200.38	8.290032438	**6.984475306**
252.62	235.038	8.43	-0.09	-51.53	221.62	7.495518004	**11.73565589**		327.62	283.613	8.58	-0.31	-72.49	200.66	8.278464567	**3.577258556**
252.66	235.064	8.31	-0.12	-56.36	216.79	7.662515337	**8.107485251**		327.66	283.639	8.4	-0.18	-73.67	199.48	8.327434831	**0.867618618**
252.7	235.09	8.31	0	-62.53	210.62	7.886984617	**5.223384391**		327.7	283.664	8.31	-0.09	-75.38	197.77	8.399437225	**1.070499549**
252.74	235.116	8.4	0.09	-68.31	204.84	8.109532806	**3.51878151**		327.74	283.69	8.34	0.03	-77.5	195.65	8.490450805	**1.787840465**
252.78	235.142	8.58	0.18	-72.38	200.77	8.273928874	**3.63204483**		327.78	283.715	8.52	0.18	-79.34	193.81	8.571057737	**0.597478959**
252.82	235.168	8.67	0.09	-75.61	197.54	8.409216867	**3.053806677**		327.82	283.74	8.7	0.18	-80.07	193.08	8.603463331	**1.115807476**
252.86	235.194	8.78	0.11	-78.38	194.77	8.528811932	**2.902429918**		327.86	283.766	8.76	0.06	-81.32	191.83	8.6595251	**1.153589424**
252.9	235.22	8.85	0.07	-80.63	192.52	8.628488988	**2.534670039**		327.9	283.791	8.76	0	-82.11	191.04	8.695334485	**0.740925533**
252.94	235.246	8.85	0	-82.15	191	8.697155497	**1.742100053**		327.94	283.817	8.87	0.11	-82.21	190.94	8.699888447	**1.936398787**
252.98	235.272	8.85	0	-79.66	193.49	8.585232829	**3.037150969**		327.98	283.842	8.94	0.07	-82	191.15	8.69033063	**2.832270986**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
253.02	235.298	8.85	0	-82.38	190.77	8.707641139	**1.621617168**		328.02	283.867	9	0.06	-82.52	190.63	8.714036091	**3.228670278**
253.06	235.323	8.76	-0.09	-84.91	188.24	8.824674352	**0.735576339**		328.06	283.893	8.96	-0.04	-82.78	190.37	8.725937385	**2.646878249**
253.1	235.349	8.67	-0.09	-86.03	187.12	8.877494121	**2.364943051**		328.1	283.918	8.79	-0.17	-83.06	190.09	8.738790573	**0.584289337**
253.14	235.375	8.65	-0.02	-86.76	186.39	8.912262997	**2.986665181**		328.14	283.943	8.6	-0.19	-84.61	188.54	8.810632757	**2.419587615**
253.18	235.401	8.64	-0.01	-87.34	185.81	8.940082342	**3.413890064**		328.18	283.969	8.49	-0.11	-85.42	187.73	8.848648058	**4.136978352**
253.22	235.427	8.67	0.03	-87.79	185.36	8.961786254	**3.309775307**		328.22	283.994	8.52	0.03	-85.77	187.38	8.865176113	**3.970924545**
253.26	235.453	8.83	0.16	-87.97	185.18	8.970497354	**1.578577847**		328.26	284.019	8.87	0.35	-85.08	188.07	8.832651141	**0.421957809**
253.3	235.479	8.91	0.08	-85.36	187.79	8.845820864	**0.72290813**		328.3	284.045	9.33	0.46	-84.28	188.87	8.795238524	**5.900738635**
253.34	235.505	8.89	-0.02	-79.75	193.4	8.589228025	**3.441478934**		328.34	284.07	9.34	0.01	-84.28	188.87	8.795238524	**6.007767424**
253.38	235.531	8.94	0.05	-72.29	200.86	8.270221547	**7.783495998**		328.38	284.096	9.27	-0.07	-83.15	190	8.74293	**5.852129554**
253.42	235.557	8.94	0	-64.3	208.85	7.95382667	**11.67495499**		328.42	284.121	9.21	-0.06	-80.95	192.2	8.642854839	**6.353551479**
253.46	235.583	8.92	-0.02	-57.07	216.08	7.687692984	**14.84019505**		328.46	284.146	9.21	0	-77.81	195.34	8.503924951	**7.97197742**
253.5	235.609	8.82	-0.1	-51.91	221.24	7.508392244	**16.06536316**		328.5	284.172	9.18	-0.03	-75.56	197.59	8.407088922	**8.789528295**
253.54	235.635	8.72	-0.1	-49.8	223.35	7.43746004	**15.87551455**		328.54	284.197	8.98	-0.2	-73.98	199.17	8.340396144	**7.385556897**
253.58	235.661	8.55	-0.17	-50.4	222.75	7.457493603	**13.64993702**		328.58	284.222	8.76	-0.22	-72.88	200.27	8.294585809	**5.457936019**
253.62	235.687	8.43	-0.12	-53.04	220.11	7.546938803	**11.05419765**		328.62	284.248	8.58	-0.18	-72.66	200.49	8.285484064	**3.492528703**
253.66	235.712	8.34	-0.09	-57.04	216.11	7.686625792	**8.153609076**		328.66	284.273	8.4	-0.18	-73.65	199.5	8.3266	**0.877643992**
253.7	235.738	8.22	-0.12	-61.75	211.4	7.857884106	**4.50452176**		328.7	284.298	8.31	-0.09	-75.58	197.57	8.407939971	**1.171675108**
253.74	235.764	8.31	0.09	-66.53	206.62	8.039670409	**3.306850643**		328.74	284.324	8.31	0	-77.49	195.66	8.490016866	**2.143055777**
253.78	235.79	8.52	0.21	-70.99	202.16	8.217039474	**3.620240327**		328.78	284.349	8.46	0.15	-79.55	193.6	8.580354855	**1.412586256**
253.82	235.816	8.58	0.06	-74.79	198.36	8.374454023	**2.424684118**		328.82	284.374	8.64	0.18	-80.27	192.88	8.612384384	**0.320136803**
253.86	235.842	8.67	0.09	-77.55	195.6	8.492621166	**2.067036645**		328.86	284.4	8.67	0.03	-81.49	191.66	8.66720599	**0.032231378**
253.9	235.868	8.7	0.03	-79.08	194.07	8.559574896	**1.62721394**		328.9	284.425	8.73	0.06	-82.62	190.53	8.718609668	**0.130558623**
253.94	235.894	8.76	0.06	-79.7	193.45	8.587008012	**1.994487896**		328.94	284.45	8.85	0.12	-82.72	190.43	8.723188048	**1.443243554**
253.98	235.92	8.7	-0.06	-79.85	193.3	8.593671495	**1.2296811**		328.98	284.476	9	0.15	-82.7	190.45	8.722271987	**3.134225824**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
254.02	235.946	8.67	-0.03	-82.01	191.14	8.690785288	**0.239451015**		329.02	284.501	9.03	0.03	-83.25	189.9	8.747533965	**3.177786473**
254.06	235.972	8.63	-0.04	-83.98	189.17	8.781290374	**1.737842176**		329.06	284.526	9.01	-0.02	-83.63	189.52	8.765073343	**2.75584412**
254.1	235.998	8.55	-0.08	-82.94	190.21	8.73327743	**2.120864297**		329.1	284.552	8.82	-0.19	-84.16	188.99	8.78965395	**0.344652429**
254.14	236.024	8.49	-0.06	-81.18	191.97	8.653209877	**1.904076048**		329.14	284.577	8.63	-0.19	-85.4	187.75	8.847705459	**2.491236162**
254.18	236.05	8.49	0	-84.57	188.58	8.80876392	**3.685395342**		329.18	284.602	8.52	-0.11	-86.11	187.04	8.881291168	**4.152463908**
254.22	236.076	8.52	0.03	-86.45	186.7	8.897464917	**4.334326709**		329.22	284.628	8.52	0	-86.36	186.79	8.8931779	**4.286155031**
254.26	236.102	8.67	0.15	-86.78	186.37	8.913219402	**2.766494539**		329.26	284.653	8.81	0.29	-85.69	187.46	8.86139283	**0.581650026**
254.3	236.128	8.79	0.12	-83.58	189.57	8.762761513	**0.310361274**		329.3	284.678	9.33	0.52	-84.4	188.75	8.800830199	**5.837237408**
254.34	236.153	8.83	0.04	-76.89	196.26	8.464061449	**4.231956177**		329.34	284.704	9.32	-0.01	-84.45	188.7	8.803162162	**5.703616546**
254.38	236.179	8.85	0.02	-69.25	203.9	8.146918588	**8.273045597**		329.38	284.729	9.24	-0.08	-83.61	189.54	8.764148465	**5.28602101**
254.42	236.205	8.85	0	-62.22	210.93	7.875393258	**11.65421616**		329.42	284.754	9.21	-0.03	-81.44	191.71	8.664945491	**6.098530591**
254.46	236.231	8.78	-0.07	-51.79	221.36	7.504321919	**15.66756156**		329.46	284.78	9.21	0	-78.79	194.36	8.546803355	**7.469775186**
254.5	236.257	8.7	-0.08	-51.22	221.93	7.485047988	**15.01326425**		329.5	284.805	9.18	-0.03	-76.36	196.79	8.441265816	**8.384575675**
254.54	236.283	8.56	-0.14	-45.24	227.91	7.2886521	**16.04360917**		329.54	284.83	9.03	-0.15	-75.16	197.99	8.390104046	**7.346637571**
254.58	236.309	8.43	-0.13	-46.54	226.61	7.330465116	**13.95307658**		329.58	284.856	8.76	-0.27	-74.33	198.82	8.355078463	**4.731752039**
254.62	236.335	8.31	-0.12	-49.65	223.5	7.432468456	**11.14858888**		329.62	284.881	8.55	-0.21	-74.42	198.73	8.358862275	**2.260799354**
254.66	236.361	8.22	-0.09	-53.24	219.91	7.553802465	**8.446885738**		329.66	284.907	8.36	-0.19	-74.75	198.4	8.372765625	**0.152582368**
254.7	236.387	8.13	-0.09	-60.96	212.19	7.828628588	**3.776908658**		329.7	284.932	8.31	-0.05	-76.24	196.91	8.436121578	**1.506278069**
254.74	236.413	8.27	0.14	-67.63	205.52	8.082700954	**2.290741411**		329.74	284.957	8.34	0.03	-77.99	195.16	8.511768293	**2.038578857**
254.78	236.439	8.43	0.16	-71.34	201.81	8.231290323	**2.385285576**		329.78	284.983	8.43	0.09	-80.01	193.14	8.600790618	**2.005668698**
254.82	236.465	8.49	0.06	-74.23	198.92	8.350878243	**1.65219124**		329.82	285.008	8.64	0.21	-80.9	192.25	8.640607022	**0.007025472**
254.86	236.491	8.58	0.09	-76.73	196.42	8.457166785	**1.441944146**		329.86	285.033	8.67	0.03	-82.28	190.87	8.703079059	**0.380808249**
254.9	236.517	8.67	0.09	-79.1	194.05	8.560457099	**1.271503138**		329.9	285.058	8.7	0.03	-83.08	190.07	8.739710107	**0.455398703**
254.94	236.543	8.67	0	-79.12	194.03	8.561339484	**1.261196398**		329.94	285.084	8.89	0.19	-83.12	190.03	8.741549755	**1.683916011**
254.98	236.569	8.67	0	-80.04	193.11	8.602126767	**0.785927915**		329.98	285.109	9.03	0.14	-83.31	189.84	8.750298673	**3.146193802**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
255.02	236.595	8.67	0	-79.73	193.42	8.588339882	**0.946326454**		330.02	285.134	9.03	0	-83.07	190.08	8.739250316	**3.27250367**
255.06	236.621	8.67	0	-79.21	193.94	8.565312468	**1.214802835**		330.06	285.16	8.98	-0.05	-83.79	189.36	8.772479404	**2.337933659**
255.1	236.646	8.58	-0.09	-82.61	190.54	8.718152094	**1.597304652**		330.1	285.185	8.75	-0.23	-84.8	188.35	8.819520573	**0.791377011**
255.14	236.672	8.58	0	-85.1	188.05	8.833590534	**2.912558831**		330.14	285.21	8.58	-0.17	-85.38	187.77	8.846763061	**3.061533117**
255.18	236.698	8.58	0	-85.75	187.4	8.864229989	**3.258727837**		330.18	285.236	8.43	-0.15	-85.94	187.21	8.873226323	**5.123048327**
255.22	236.724	8.61	0.03	-86.46	186.69	8.897941507	**3.289267413**		330.22	285.261	8.52	0.09	-85.81	187.34	8.867068966	**3.992265358**
255.26	236.75	8.76	0.15	-86.93	186.22	8.92039899	**1.814427271**		330.26	285.286	8.81	0.29	-85.37	187.78	8.846291937	**0.411093535**
255.3	236.776	8.85	0.09	-84.11	189.04	8.787329137	**0.710661607**		330.3	285.312	9.39	0.58	-84.21	188.94	8.791979994	**6.578161527**
255.34	236.802	8.85	0	-80.73	192.42	8.632973184	**2.482722064**		330.34	285.337	9.34	-0.05	-84.62	188.53	8.81110009	**5.827744954**
255.38	236.828	8.85	0	-74.81	198.34	8.375298477	**5.511678341**		330.38	285.362	9.3	-0.04	-83.71	189.44	8.76877481	**5.880035538**
255.42	236.854	8.85	0	-66.87	206.28	8.052921757	**9.431248096**		330.42	285.387	9.21	-0.09	-81.85	191.3	8.683516466	**5.884629047**
255.46	236.88	8.83	-0.02	-58.55	214.6	7.740711556	**13.14715352**		330.46	285.413	9.18	-0.03	-79.5	193.65	8.578139427	**6.778419278**
255.5	236.906	8.77	-0.06	-51.52	221.63	7.495179804	**15.67545162**		330.5	285.438	9.12	-0.06	-77.14	196.01	8.474856895	**7.333314602**
255.54	236.932	8.66	-0.11	-47.41	225.74	7.358716665	**16.24703604**		330.54	285.463	9	-0.12	-74.2	198.95	8.349619	**7.497351962**
255.58	236.958	8.52	-0.14	-47.41	225.74	7.358716665	**14.62691676**		330.58	285.489	8.76	-0.24	-73.74	199.41	8.330358056	**5.02788698**
255.62	236.984	8.4	-0.12	-50.73	222.42	7.468558133	**11.7394644**		330.62	285.514	8.58	-0.18	-73.9	199.25	8.337047428	**2.872281031**
255.66	237.01	8.29	-0.11	-56.12	217.03	7.654041838	**7.977376991**		330.66	285.539	8.36	-0.22	-74.76	198.39	8.373187661	**0.157622814**
255.7	237.036	8.22	-0.07	-62.35	210.8	7.88025	**4.22043136**		330.7	285.564	8.31	-0.05	-76.45	196.7	8.445128114	**1.612976194**
255.74	237.062	8.36	0.14	-68.14	205.01	8.102808156	**3.124519728**		330.74	285.59	8.31	0	-78.42	194.73	8.530563858	**2.619435543**
255.78	237.088	8.52	0.16	-72.52	200.63	8.279702437	**2.86073594**		330.78	285.615	8.4	0.09	-80.46	192.69	8.620876537	**2.595360315**
255.82	237.114	8.64	0.12	-75.5	197.65	8.404536807	**2.762916883**		330.82	285.641	8.58	0.18	-81.19	191.96	8.653660658	**0.854846337**
255.86	237.14	8.67	0.03	-77.35	195.8	8.483946374	**2.16922243**		330.86	285.666	8.67	0.09	-82.33	190.82	8.705359501	**0.407007419**
255.9	237.166	8.76	0.09	-78.37	194.78	8.528374063	**2.679557211**		330.9	285.691	8.67	0	-83.01	190.14	8.736492584	**0.763997504**
255.94	237.192	8.76	0	-78.82	194.33	8.548122781	**2.448298083**		330.94	285.716	8.83	0.16	-82.92	190.23	8.732359249	**1.111932051**
255.98	237.218	8.76	0	-78.99	194.16	8.555607231	**2.360792389**		330.98	285.742	8.94	0.11	-82.78	190.37	8.725937385	**2.423450398**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
256.02	237.244	8.76	0	-79.1	194.05	8.560457099	**2.304129737**		331.02	285.767	8.94	0	-83.32	189.83	8.750759627	**2.139426197**
256.06	237.27	8.76	0	-79.37	193.78	8.572384663	**2.164910837**		331.06	285.792	8.92	-0.02	-81.77	191.38	8.679886613	**2.728578794**
256.1	237.296	8.7	-0.06	-82.7	190.45	8.722271987	**0.255672594**		331.1	285.817	8.73	-0.19	-83.54	189.61	8.760912927	**0.353474134**
256.14	237.321	8.63	-0.07	-86.19	186.96	8.885091463	**2.912819085**		331.14	285.843	8.56	-0.17	-84.4	188.75	8.800830199	**2.77440878**
256.18	237.347	8.58	-0.05	-86.41	186.74	8.895559066	**3.611433144**		331.18	285.868	8.43	-0.13	-85.38	187.77	8.846763061	**4.82455029**
256.22	237.373	8.64	0.06	-87.21	185.94	8.933831881	**3.343970549**		331.22	285.893	8.46	0.03	-85.52	187.63	8.853364068	**4.544051243**
256.26	237.399	8.78	0.14	-87.68	185.47	8.956471127	**1.989923769**		331.26	285.919	8.78	0.32	-84.73	188.42	8.816244029	**0.411951883**
256.3	237.425	8.91	0.13	-84.99	188.16	8.828426339	**0.919739543**		331.3	285.944	9.36	0.58	-83.59	189.56	8.763223781	**6.585762288**
256.34	237.451	8.87	-0.04	-79.11	194.04	8.560898268	**3.546595555**		331.34	285.969	9.23	-0.13	-84.19	188.96	8.791049428	**4.871531742**
256.38	237.477	8.94	0.07	-71.25	201.9	8.2276211	**8.299098592**		331.38	285.994	9.12	-0.11	-82.87	190.28	8.730064642	**4.369007802**
256.42	237.503	8.94	0	-64.25	208.9	7.95192293	**11.69881102**		331.42	286.02	9.15	0.03	-80.58	192.57	8.626248637	**5.892709692**
256.46	237.529	8.85	-0.09	-58.81	214.34	7.750101241	**13.25171146**		331.46	286.045	9.15	0	-78.57	194.58	8.537139994	**6.930006845**
256.5	237.555	8.77	-0.08	-53.43	219.72	7.560334517	**14.81495045**		331.5	286.07	9.12	-0.03	-74.89	198.26	8.378677999	**8.472891512**
256.54	237.581	8.67	-0.1	-49.56	223.59	7.429476721	**15.41072795**		331.54	286.096	9.03	-0.09	-72.21	200.94	8.266928934	**8.823197099**
256.58	237.607	8.52	-0.15	-48.89	224.26	7.407280389	**13.97249981**		331.58	286.121	8.83	-0.2	-72.75	200.4	8.28920509	**6.317990904**
256.62	237.633	8.4	-0.12	-50.62	222.53	7.46486631	**11.78873709**		331.62	286.146	8.52	-0.31	-72.95	200.2	8.297486014	**2.646221746**
256.66	237.659	8.29	-0.11	-54.93	218.22	7.612302722	**8.523259679**		331.66	286.171	8.36	-0.16	-73.97	199.18	8.339977407	**0.239791853**
256.7	237.685	8.22	-0.07	-62.26	210.89	7.876887003	**4.263097545**		331.7	286.197	8.28	-0.08	-75.72	197.43	8.413902143	**1.604204234**
256.74	237.711	8.36	0.14	-68.66	204.49	8.123412881	**2.870608422**		331.74	286.222	8.22	-0.06	-77.79	195.36	8.503054361	**3.385199319**
256.78	237.737	8.55	0.19	-72.18	200.97	8.26569488	**3.381425772**		331.78	286.247	8.37	0.15	-79.42	193.73	8.57459712	**2.414895064**
256.82	237.763	8.61	0.06	-75.18	197.97	8.390951659	**2.576895047**		331.82	286.272	8.58	0.21	-80.28	192.87	8.612830922	**0.381914096**
256.86	237.789	8.67	0.06	-77.97	195.18	8.510896096	**1.852102512**		331.86	286.298	8.67	0.09	-81.47	191.68	8.666301649	**0.042665979**
256.9	237.815	8.76	0.09	-80.33	192.82	8.615064309	**1.66831833**		331.9	286.323	8.73	0.06	-82.35	190.8	8.706272013	**0.272168126**
256.94	237.841	8.76	0	-77.97	195.18	8.510896096	**2.884666814**		331.94	286.348	8.85	0.12	-82.75	190.4	8.7245625	**1.427489304**
256.98	237.867	8.76	0	-77.94	195.21	8.509588136	**2.900032846**		331.98	286.373	8.94	0.09	-82.91	190.24	8.731900231	**2.35514875**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
257.02	237.893	8.76	0	-80	193.15	8.600345327	**1.839302958**		332.02	286.399	8.94	0	-83.67	189.48	8.766923686	**1.954899871**
257.06	237.919	8.76	0	-83.28	189.87	8.7489161	**0.126608631**		332.06	286.424	8.85	-0.09	-81.07	192.08	8.648254373	**2.30589432**
257.1	237.945	8.76	0	-85.12	188.03	8.834530128	**0.847196573**		332.1	286.449	8.73	-0.12	-83.32	189.83	8.750759627	**0.237514015**
257.14	237.971	8.67	-0.09	-86.65	186.5	8.907006434	**2.696778148**		332.14	286.475	8.58	-0.15	-84.75	188.4	8.817179936	**2.726648079**
257.18	237.997	8.67	0	-87.48	185.67	8.946823396	**3.14271637**		332.18	286.5	8.43	-0.15	-85.67	187.48	8.860447514	**4.979021093**
257.22	238.023	8.7	0.03	-88.06	185.09	8.974859258	**3.110171953**		332.22	286.525	8.46	0.03	-85.89	187.26	8.870857097	**4.741336159**
257.26	238.049	8.81	0.11	-88.48	184.67	8.995271024	**2.081080639**		332.26	286.55	8.74	0.28	-85.38	187.77	8.846763061	**1.21412975**
257.3	238.075	8.94	0.13	-86.01	187.14	8.876545367	**0.712311299**		332.3	286.576	9.36	0.62	-84.21	188.94	8.791979994	**6.258490881**
257.34	238.101	8.94	0	-79.34	193.81	8.571057737	**4.213820417**		332.34	286.601	9.25	-0.11	-84.78	188.37	8.818584169	**4.775314175**
257.38	238.127	8.94	0	-70.68	202.47	8.204458438	**8.580516723**		332.38	286.626	9.18	-0.07	-83.77	189.38	8.771552962	**4.550548229**
257.42	238.153	8.94	0	-62.89	210.26	7.900488443	**12.34538488**		332.42	286.651	9.18	0	-81.58	191.57	8.671277862	**5.699559909**
257.46	238.179	8.91	-0.03	-56.43	216.72	7.66499031	**15.02275014**		332.46	286.677	9.12	-0.06	-79.2	193.95	8.564870843	**6.278012002**
257.5	238.205	8.85	-0.06	-52.37	220.78	7.524036145	**16.1959317**		332.5	286.702	9.09	-0.03	-76.59	196.56	8.451143162	**7.284095816**
257.54	238.231	8.76	-0.09	-49.66	223.49	7.43280102	**16.39245709**		332.54	286.727	8.94	-0.15	-74.76	198.39	8.373187661	**6.547752505**
257.58	238.256	8.61	-0.15	-49.68	223.47	7.433466237	**14.66682755**		332.58	286.752	8.73	-0.21	-73.72	199.43	8.32952264	**4.695059398**
257.62	238.283	8.49	-0.12	-50.77	222.38	7.46990152	**12.78326785**		332.62	286.777	8.52	-0.21	-74.03	199.12	8.342490458	**2.105377523**
257.66	238.309	8.38	-0.11	-55.1	218.05	7.61823756	**9.523079488**		332.66	286.803	8.36	-0.16	-74.96	198.19	8.381637318	**0.258485085**
257.7	238.334	8.31	-0.07	-62.28	210.87	7.877634087	**5.341928417**		332.7	286.828	8.25	-0.11	-76.74	196.41	8.457597373	**2.485065545**
257.74	238.361	8.4	0.09	-69.09	204.06	8.140530726	**3.137375433**		332.74	286.853	8.25	0	-78.74	194.41	8.544605216	**3.508331539**
257.78	238.387	8.58	0.18	-72.48	200.67	8.278052026	**3.58224039**		332.78	286.878	8.34	0.09	-80.45	192.7	8.620429165	**3.306864016**
257.82	238.412	8.67	0.09	-75.28	197.87	8.395192298	**3.220680989**		332.82	286.904	8.58	0.24	-81.16	191.99	8.652308454	**0.839219583**
257.86	238.439	8.74	0.07	-78.5	194.65	8.534069869	**2.384268821**		332.86	286.929	8.67	0.09	-82.09	191.06	8.694424265	**0.281313843**
257.9	238.464	8.76	0.02	-81.05	192.1	8.647353982	**1.294234814**		332.9	286.954	8.73	0.06	-82.91	190.24	8.731900231	**0.021764313**
257.94	238.49	8.76	0	-78.07	195.08	8.515258868	**2.8334294**		332.94	286.979	8.85	0.12	-83.11	190.04	8.741089771	**1.23824312**
257.98	238.516	8.79	0.03	-78.27	194.88	8.523997845	**3.072683242**		332.98	287.005	8.94	0.09	-83.03	190.12	8.737411635	**2.292059148**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
258.02	238.542	8.85	0.06	-79.21	193.94	8.565312468	**3.269393331**		333.02	287.03	8.94	0	-84.28	188.87	8.795238524	**1.632472842**
258.06	238.568	8.76	-0.09	-80.2	192.95	8.609259912	**1.735711123**		333.06	287.055	8.92	-0.02	-83.28	189.87	8.7489161	**1.936552288**
258.1	238.594	8.76	0	-83.82	189.33	8.773869434	**0.158201638**		333.1	287.08	8.76	-0.16	-84.14	189.01	8.788723877	**0.327361434**
258.14	238.62	8.67	-0.09	-87.11	186.04	8.929029779	**2.943682485**		333.14	287.105	8.63	-0.13	-85.26	187.89	8.841112885	**2.416707929**
258.18	238.646	8.67	0	-87.66	185.49	8.955505418	**3.239684892**		333.18	287.131	8.46	-0.17	-86.08	187.07	8.879866895	**4.842792592**
258.22	238.672	8.67	0	-88.58	184.57	9.000144661	**3.736751078**		333.22	287.156	8.43	-0.03	-86.5	186.65	8.899848379	**5.422417658**
258.26	238.698	8.85	0.18	-88.67	184.48	9.004535451	**1.73104981**		333.26	287.181	8.76	0.33	-85.92	187.23	8.872278481	**1.273556122**
258.3	238.724	8.91	0.06	-86.35	186.8	8.89270182	**0.194332074**		333.3	287.206	9.27	0.51	-84.91	188.24	8.824674352	**4.922173668**
258.34	238.75	8.94	0.03	-79.76	193.39	8.589672165	**3.996969614**		333.34	287.232	9.3	0.03	-85.2	187.95	8.838290503	**5.090992419**
258.38	238.776	8.94	0	-71.33	201.82	8.23088247	**8.259535079**		333.38	287.257	9.12	-0.18	-84.73	188.42	8.816244029	**3.387063314**
258.42	238.802	8.94	0	-63.26	209.89	7.914415646	**12.16991885**		333.42	287.282	9.21	0.09	-82.49	190.66	8.712664953	**5.549789029**
258.46	238.828	8.89	-0.05	-57.66	215.49	7.708741473	**14.23310953**		333.46	287.307	9.21	0	-80.32	192.83	8.614617539	**6.680451459**
258.5	238.854	8.81	-0.08	-50.84	222.31	7.47225361	**16.43195619**		333.5	287.333	9.15	-0.06	-77.35	195.8	8.483946374	**7.554220842**
258.54	238.88	8.72	-0.09	-50.38	222.77	7.456824079	**15.61710649**		333.54	287.358	8.96	-0.19	-75.62	197.53	8.409642586	**6.337003325**
258.58	238.906	8.67	-0.05	-50.19	222.96	7.450469591	**15.13020948**		333.58	287.383	8.76	-0.2	-74.6	198.55	8.366440191	**4.59593242**
258.62	238.932	8.49	-0.18	-51.56	221.59	7.496532786	**12.42880151**		333.62	287.408	8.55	-0.21	-74.56	198.59	8.364755023	**2.190335915**
258.66	238.958	8.4	-0.09	-55.64	217.51	7.637150936	**9.513523536**		333.66	287.433	8.4	-0.15	-75.51	197.64	8.404962052	**0.059054608**
258.7	238.984	8.34	-0.06	-62.38	210.77	7.881371637	**5.65461877**		333.7	287.459	8.31	-0.09	-77.36	195.79	8.484379693	**2.076643445**
258.74	239.01	8.45	0.11	-68.97	204.18	8.1357464	**3.789441755**		333.74	287.484	8.29	-0.02	-79.23	193.92	8.566195854	**3.277084063**
258.78	239.036	8.61	0.16	-73.49	199.66	8.319927377	**3.42674386**		333.78	287.509	8.4	0.11	-80.96	192.19	8.643304542	**2.855133425**
258.82	239.062	8.67	0.06	-75.54	197.61	8.406238045	**3.089227905**		333.82	287.534	8.67	0.27	-81.75	191.4	8.678979624	**0.103517602**
258.86	239.088	8.74	0.07	-78.58	194.57	8.537578763	**2.343166706**		333.86	287.56	8.76	0.09	-82.93	190.22	8.732818316	**0.310775358**
258.9	239.114	8.79	0.05	-80.79	192.36	8.635665939	**1.771341901**		333.9	287.585	8.76	0	-83.76	189.39	8.771089815	**0.126515976**
258.94	239.14	8.85	0.06	-77.58	195.57	8.493923915	**4.106061432**		333.94	287.61	8.87	0.11	-83.75	189.4	8.770626716	**1.126641198**
258.98	239.166	8.85	0	-80.84	192.31	8.637911185	**2.425547713**		333.98	287.635	9.03	0.16	-83.84	189.31	8.774796366	**2.866684111**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
259.02	239.192	8.85	0	-80.4	192.75	8.618192996	**2.654046746**		334.02	287.66	9.03	0	-85.26	187.89	8.841112885	**2.11388195**
259.06	239.218	8.85	0	-80.68	192.47	8.630730503	**2.508699468**		334.06	287.685	9.01	-0.02	-84.71	188.44	8.815308321	**2.184441083**
259.1	239.244	8.76	-0.09	-85.03	188.12	8.83030353	**0.799344133**		334.1	287.711	8.85	-0.16	-85.33	187.82	8.844407944	**0.063207045**
259.14	239.27	8.76	0	-87	186.15	8.923753425	**1.852021126**		334.14	287.736	8.67	-0.18	-86.07	187.08	8.879392239	**2.386318976**
259.18	239.296	8.67	-0.09	-88	185.15	8.971950851	**3.423100463**		334.18	287.761	8.52	-0.15	-87.11	186.04	8.929029779	**4.688281053**
259.22	239.322	8.76	0.09	-88.14	185.01	8.978740068	**2.466241314**		334.22	287.786	8.49	-0.03	-87.39	185.76	8.942488695	**5.191326414**
259.26	239.348	8.85	0.09	-88.82	184.33	9.011862963	**1.812386127**		334.26	287.811	8.74	0.25	-86.98	186.17	8.922794757	**2.069828246**
259.3	239.374	8.94	0.09	-86.75	186.4	8.911784871	**0.316104288**		334.3	287.837	9.21	0.47	-86.15	187	8.883190909	**3.612509176**
259.34	239.4	8.94	0	-79.97	193.18	8.599009732	**3.888363977**		334.34	287.862	9.36	0.15	-85.87	187.28	8.869909761	**5.376770874**
259.38	239.426	9.03	0.09	-71.03	202.12	8.218665644	**9.407502848**		334.38	287.887	9.21	-0.15	-85.39	187.76	8.847234235	**4.01795491**
259.42	239.452	9.03	0	-62.25	210.9	7.876513514	**13.64546848**		334.42	287.912	9.21	0	-83.54	189.61	8.760912927	**4.997932774**
259.46	239.478	8.94	-0.09	-56.42	216.73	7.664636645	**15.36153284**		334.46	287.937	9.21	0	-81.12	192.03	8.650506171	**6.265150872**
259.5	239.504	8.88	-0.06	-52.79	220.36	7.538376747	**16.34294636**		334.5	287.963	9.15	-0.06	-78.46	194.69	8.532316503	**6.986454481**
259.54	239.53	8.79	-0.09	-51.21	221.94	7.484710733	**16.04070621**		334.54	287.988	9.03	-0.12	-76.81	196.34	8.460612713	**6.510775771**
259.58	239.556	8.64	-0.15	-50.02	223.13	7.44479317	**14.86132669**		334.58	288.013	8.79	-0.24	-75.65	197.5	8.41092	**4.407671218**
259.62	239.582	8.54	-0.1	-51.82	221.33	7.505339086	**12.89671609**		334.62	288.038	8.61	-0.18	-75.36	197.79	8.398587896	**2.485945395**
259.66	239.608	8.42	-0.12	-55.81	217.34	7.643124597	**9.672780633**		334.66	288.063	8.42	-0.19	-76.19	196.96	8.433979996	**0.165895485**
259.7	239.634	8.4	-0.02	-62.58	210.57	7.888857387	**6.275978735**		334.7	288.089	8.31	-0.11	-77.99	195.16	8.511768293	**2.39889516**
259.74	239.66	8.46	0.06	-70.15	203	8.183037931	**3.328263387**		334.74	288.114	8.31	0	-79.94	193.21	8.597674551	**3.402887253**
259.78	239.686	8.63	0.17	-75.32	197.83	8.396889754	**2.738142427**		334.78	288.139	8.43	0.12	-81.97	191.18	8.688966942	**3.02549731**
259.82	239.712	8.67	0.04	-77.59	195.56	8.494358253	**2.046586819**		334.82	288.164	8.64	0.21	-82.63	190.52	8.71906729	**0.910962418**
259.86	239.738	8.76	0.09	-81.18	191.97	8.653209877	**1.226541507**		334.86	288.189	8.76	0.12	-83.77	189.38	8.771552962	**0.131796223**
259.9	239.764	8.82	0.06	-80.48	192.67	8.621771423	**2.273032624**		334.9	288.215	8.76	0	-84.81	188.34	8.81998885	**0.68246744**
259.94	239.79	8.85	0.03	-81.34	191.81	8.660428028	**2.165246583**		334.94	288.24	8.85	0.09	-85.02	188.13	8.829834157	**0.228122533**
259.98	239.816	8.85	0	-80.53	192.62	8.624009449	**2.586590696**		334.98	288.265	9	0.15	-84.81	188.34	8.81998885	**2.020328425**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
260.02	239.842	8.85	0	-81.1	192.05	8.649605311	**2.29027667**		335.02	288.29	9.03	0.03	-85.51	187.64	8.85289224	**1.980750733**
260.06	239.868	8.85	0	-82.41	190.74	8.709010695	**1.605891212**		335.06	288.315	9.01	-0.02	-85.52	187.63	8.853364068	**1.753711471**
260.1	239.894	8.76	-0.09	-84.29	188.86	8.795704225	**0.406753553**		335.1	288.34	8.88	-0.13	-86.31	186.84	8.890798009	**0.121525313**
260.14	239.92	8.74	-0.02	-85.25	187.9	8.840642363	**1.144922476**		335.14	288.366	8.67	-0.21	-87.2	185.95	8.933351439	**2.992060228**
260.18	239.946	8.67	-0.07	-87.12	186.03	8.929509756	**2.949056651**		335.18	288.391	8.52	-0.15	-87.97	185.18	8.970497354	**5.151338407**
260.22	239.972	8.76	0.09	-90.03	183.12	9.07141055	**3.492831367**		335.22	288.416	8.49	-0.03	-88.25	184.9	8.984081666	**5.655022967**
260.26	239.998	8.88	0.12	-89.95	183.2	9.067449236	**2.088867709**		335.26	288.441	8.76	0.27	-87.61	185.54	8.953092056	**2.180218507**
260.3	240.024	8.94	0.06	-88.34	184.81	8.988456793	**0.540557328**		335.3	288.466	9.3	0.54	-86.47	186.68	8.898418149	**4.413370965**
260.34	240.05	8.94	0	-81.06	192.09	8.647804154	**3.322709795**		335.34	288.491	9.39	0.09	-86.16	186.99	8.883665971	**5.541679807**
260.38	240.076	8.94	0	-74.49	198.66	8.361807611	**6.683606731**		335.38	288.517	9.21	-0.18	-85.84	187.31	8.868489136	**3.778090766**
260.42	240.102	8.94	0	-64.89	208.26	7.976359839	**11.39299673**		335.42	288.542	9.21	0	-83.79	189.36	8.772479404	**4.866076428**
260.46	240.128	8.92	-0.02	-53.86	219.29	7.575159378	**16.30588212**		335.46	288.567	9.16	-0.05	-81.52	191.63	8.668562856	**5.512919336**
260.5	240.154	8.85	-0.07	-45.4	227.75	7.293772558	**19.27960069**		335.5	288.592	9.09	-0.07	-78.87	194.28	8.55032273	**6.118677965**
260.54	240.18	8.72	-0.13	-42.59	230.56	7.204878123	**19.02836387**		335.54	288.617	8.98	-0.11	-76.63	196.52	8.452863322	**6.047620158**
260.58	240.206	8.58	-0.14	-44.73	228.42	7.272378513	**16.49747999**		335.58	288.642	8.79	-0.19	-75.51	197.64	8.404962052	**4.478497209**
260.62	240.232	8.51	-0.07	-50.19	222.96	7.450469591	**13.27693277**		335.62	288.667	8.58	-0.21	-75.68	197.47	8.412197802	**1.975049958**
260.66	240.258	8.49	-0.02	-57.35	215.8	7.697667748	**9.789331785**		335.66	288.693	8.4	-0.18	-76.33	196.82	8.439979169	**0.474812568**
260.7	240.284	8.52	0.03	-64.56	208.59	7.963740831	**6.749186054**		335.7	288.718	8.31	-0.09	-77.97	195.18	8.510896096	**2.388649151**
260.74	240.311	8.57	0.05	-70.48	202.67	8.196362066	**4.456994691**		335.74	288.743	8.31	0	-79.87	193.28	8.594560741	**3.36667418**
260.78	240.337	8.63	0.06	-74.96	198.19	8.381637318	**2.919915087**		335.78	288.768	8.43	0.12	-82.12	191.03	8.695789667	**3.103969764**
260.82	240.363	8.69	0.06	-78.11	195.04	8.51700523	**2.010748157**		335.82	288.793	8.64	0.21	-83.15	190	8.74293	**1.184265253**
260.86	240.389	8.75	0.06	-80.05	193.1	8.602572242	**1.699203502**		335.86	288.818	8.76	0.12	-84.32	188.83	8.797101626	**0.422639529**
260.9	240.415	8.8	0.05	-77.94	195.21	8.509588136	**3.355502879**		335.9	288.844	8.76	0	-85.23	187.92	8.839701469	**0.905713871**
260.94	240.441	8.85	0.05	-81.11	192.04	8.650055718	**2.285070238**		335.94	288.869	8.81	0.05	-85.38	187.77	8.846763061	**0.416419035**
260.98	240.467	8.89	0.04	-80.92	192.23	8.641506008	**2.834827669**		335.98	288.894	9	0.19	-85.19	187.96	8.837820281	**1.818380458**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
261.02	240.493	8.85	-0.04	-84.12	189.03	8.787794001	**0.705371647**		336.02	288.919	9.03	0.03	-85.15	188	8.835939894	**2.172402992**
261.06	240.519	8.85	0	-83.92	189.23	8.778506051	**0.811117504**		336.06	288.944	8.96	-0.07	-86.13	187.02	8.882240937	**0.871628889**
261.1	240.545	8.81	-0.04	-84.44	188.71	8.802695671	**0.082943912**		336.1	288.969	8.88	-0.08	-86.83	186.32	8.915611314	**0.4002258**
261.14	240.571	8.76	-0.05	-86.39	186.76	8.894606447	**1.524887538**		336.14	288.994	8.67	-0.21	-87.73	185.42	8.958886312	**3.277419878**
261.18	240.597	8.75	-0.01	-89.96	183.19	9.067944211	**3.568809142**		336.18	289.02	8.58	-0.09	-88.45	184.7	8.993809962	**4.709393842**
261.22	240.623	8.78	0.03	-93.23	179.92	9.232751779	**5.027014019**		336.22	289.045	8.55	-0.03	-89.03	184.12	9.022141538	**5.373750685**
261.26	240.649	8.85	0.07	-93.74	179.41	9.258997269	**4.517061467**		336.26	289.07	8.74	0.19	-88.85	184.3	9.013329897	**3.07919583**
261.3	240.675	8.94	0.09	-89.03	184.12	9.022141538	**0.914607403**		336.3	289.095	9.27	0.53	-87.76	185.39	8.960336048	**3.397237998**
261.34	240.701	8.96	0.02	-78.39	194.76	8.529249846	**4.925884847**		336.34	289.12	9.32	0.05	-87.66	185.49	8.955505418	**3.988886475**
261.38	240.727	8.94	-0.02	-68.1	205.05	8.101227505	**9.844038456**		336.38	289.145	9.27	-0.05	-86.42	186.73	8.896035452	**4.117183947**
261.42	240.753	8.94	0	-62.8	210.35	7.897108153	**12.38801625**		336.42	289.17	9.21	-0.06	-84.19	188.96	8.791049428	**4.654734972**
261.46	240.779	8.94	0	-56.68	216.47	7.673842565	**15.24219855**		336.46	289.195	9.21	0	-81.34	191.81	8.660428028	**6.150630208**
261.5	240.805	8.85	-0.09	-51.51	221.64	7.494841635	**16.58209232**		336.5	289.221	9.12	-0.09	-78.83	194.32	8.54856268	**6.468407535**
261.54	240.831	8.78	-0.07	-48.31	224.84	7.388172478	**17.21688117**		336.54	289.246	8.94	-0.18	-76.54	196.61	8.448993947	**5.64731984**
261.58	240.857	8.64	-0.14	-49.34	223.81	7.422173719	**15.16390375**		336.58	289.271	8.76	-0.18	-76.59	196.56	8.451143162	**3.589033392**
261.62	240.883	8.54	-0.1	-51.49	221.66	7.494165388	**13.04507701**		336.62	289.296	8.6	-0.16	-76.45	196.7	8.445128114	**1.817198264**
261.66	240.909	8.46	-0.08	-54.96	218.19	7.613349374	**10.53483759**		336.66	289.321	8.42	-0.18	-77.07	196.08	8.471831395	**0.613685919**
261.7	240.935	8.4	-0.06	-66.53	206.62	8.039670409	**4.383659545**		336.7	289.346	8.31	-0.11	-78.26	194.89	8.52356047	**2.537317882**
261.74	240.961	8.49	0.09	-72.28	200.87	8.269809827	**2.627597509**		336.74	289.371	8.31	0	-80.13	193.02	8.606137706	**3.501244919**
261.78	240.987	8.64	0.15	-73.65	199.5	8.3266	**3.69431707**		336.78	289.397	8.4	0.09	-82.3	190.85	8.703991092	**3.554621735**
261.82	241.013	8.76	0.12	-76.38	196.77	8.442123799	**3.695778549**		336.82	289.422	8.6	0.2	-83.33	189.82	8.75122063	**1.743054662**
261.86	241.039	8.83	0.07	-78.92	194.23	8.552523812	**3.192588039**		336.86	289.447	8.76	0.16	-84.7	188.45	8.814840541	**0.624080101**
261.9	241.065	8.85	0.02	-81.04	192.11	8.646903857	**2.321509502**		336.9	289.472	8.76	0	-85.29	187.86	8.842524752	**0.937646771**
261.94	241.091	8.94	0.09	-82.45	190.7	8.710837441	**2.596619676**		336.94	289.497	8.78	0.02	-85.38	187.77	8.846763061	**0.757519245**
261.98	241.117	8.94	0	-81.31	191.84	8.659073707	**3.192512259**		336.98	289.522	8.91	0.13	-84.91	188.24	8.824674352	**0.962246573**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
262.02	241.143	8.85	-0.09	-82.06	191.09	8.693059291	**1.789205702**		337.02	289.547	9	0.09	-82.44	190.71	8.710380683	**3.27061651**
262.06	241.169	8.85	0	-82.4	190.75	8.708554128	**1.611133474**		337.06	289.572	8.96	-0.04	-85.48	187.67	8.851477061	**1.218573157**
262.1	241.195	8.85	0	-85.34	187.81	8.844878867	**0.057882657**		337.1	289.597	8.88	-0.08	-86.25	186.9	8.88794382	**0.08941744**
262.14	241.221	8.78	-0.07	-87.53	185.62	8.94923338	**1.909088525**		337.14	289.623	8.66	-0.22	-87.09	186.06	8.928069977	**3.048316021**
262.18	241.247	8.76	-0.02	-88.3	184.85	8.986511766	**2.55274692**		337.18	289.648	8.55	-0.11	-88	185.15	8.971950851	**4.816254243**
262.22	241.273	8.79	0.03	-89.11	184.04	9.026063356	**2.650005796**		337.22	289.673	8.58	0.03	-88.31	184.84	8.986997944	**4.633665302**
262.26	241.299	8.89	0.1	-89.59	183.56	9.049666049	**1.780033684**		337.26	289.698	8.81	0.23	-87.94	185.21	8.969044328	**1.789121228**
262.3	241.325	9.03	0.14	-87.56	185.59	8.950679994	**0.882280386**		337.3	289.723	9.27	0.46	-87.22	185.93	8.934312376	**3.688001144**
262.34	241.351	9.03	0	-80.71	192.44	8.632075972	**4.5059712**		337.34	289.748	9.32	0.05	-86.92	186.23	8.919919991	**4.386861442**
262.38	241.377	9.03	0	-72.19	200.96	8.26610619	**8.833130432**		337.38	289.773	9.21	-0.11	-85.99	187.16	8.875596816	**3.698005522**
262.42	241.403	9.03	0	-63.96	209.19	7.940899183	**12.83492178**		337.42	289.798	9.21	0	-83.85	189.3	8.775259905	**4.834404367**
262.46	241.429	9.03	0	-57.67	215.48	7.70909922	**15.78222056**		337.46	289.823	9.16	-0.05	-81.28	191.87	8.65771981	**5.637985052**
262.5	241.456	8.94	-0.09	-53.76	219.39	7.57170655	**16.57361637**		337.5	289.848	9.09	-0.07	-78.85	194.3	8.549442615	**6.128962205**
262.54	241.482	8.81	-0.13	-50.71	222.44	7.467886621	**16.49001999**		337.54	289.874	8.89	-0.2	-76.7	196.45	8.455875286	**5.005509454**
262.58	241.507	8.7	-0.11	-50.23	222.92	7.451806478	**15.4557761**		337.58	289.899	8.7	-0.19	-74.93	198.22	8.380368782	**3.742673497**
262.62	241.534	8.58	-0.12	-52.15	221	7.516546154	**13.21344139**		337.62	289.924	8.52	-0.18	-74.64	198.51	8.368126039	**1.798588673**
262.66	241.56	8.47	-0.11	-56.23	216.92	7.657923197	**10.07044481**		337.66	289.949	8.34	-0.18	-75.23	197.92	8.393071443	**0.634329964**
262.7	241.586	8.4	-0.07	-63.32	209.83	7.91667874	**5.924260296**		337.7	289.974	8.22	-0.12	-76.74	196.41	8.457597373	**2.849299783**
262.74	241.612	8.49	0.09	-70.03	203.12	8.178203525	**3.741212717**		337.74	289.999	8.22	0	-78.85	194.3	8.549442615	**3.929082464**
262.78	241.638	8.64	0.15	-73.82	199.33	8.3337014	**3.609096132**		337.78	290.024	8.37	0.15	-80.93	192.22	8.641955572	**3.197228803**
262.82	241.664	8.76	0.12	-76.56	196.59	8.449853502	**3.604289807**		337.82	290.049	8.58	0.21	-81.99	191.16	8.68987602	**1.272458702**
262.86	241.69	8.83	0.07	-79.33	193.82	8.57061552	**2.981325346**		337.86	290.074	8.69	0.11	-83.08	190.07	8.739710107	**0.570406582**
262.9	241.716	8.85	0.02	-81.4	191.75	8.66313794	**2.133964349**		337.9	290.099	8.67	-0.02	-84.16	188.99	8.78965395	**1.370633694**
262.94	241.742	8.85	0	-83.38	189.77	8.753526374	**1.096071593**		337.94	290.125	8.76	0.09	-84.39	188.76	8.800363954	**0.459716602**
262.98	241.768	8.85	0	-81.94	191.21	8.687603682	**1.851978425**		337.98	290.15	8.91	0.15	-84.05	189.1	8.784540984	**1.418053359**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			RED FONT = % DIFFERENCE <2%
263.02	241.794	8.85	0	-81.87	191.28	8.684424404	**1.888577488**		338.02	290.175	8.94	0.03	-82.02	191.13	8.691239994	**2.821809542**
263.06	241.82	8.92	0.07	-81.29	191.86	8.658171062	**2.979023663**		338.06	290.2	8.94	0	-81.87	191.28	8.684424404	**2.900243323**
263.1	241.846	8.85	-0.07	-84.7	188.45	8.814840541	**0.398072755**		338.1	290.225	8.82	-0.12	-84.24	188.91	8.793376211	**0.302313296**
263.14	241.872	8.85	0	-88.05	185.1	8.974374392	**1.395554082**		338.14	290.25	8.63	-0.19	-85.94	187.21	8.873226323	**2.77921703**
263.18	241.898	8.76	-0.09	-88.64	184.51	9.003071378	**2.736816996**		338.18	290.275	8.49	-0.14	-86.93	186.22	8.92039899	**4.944159989**
263.22	241.924	8.79	0.03	-89.25	183.9	9.032934747	**2.726091416**		338.22	290.3	8.52	0.03	-87.12	186.03	8.929509756	**4.693653429**
263.26	241.95	8.89	0.1	-89.95	183.2	9.067449236	**1.976330084**		338.26	290.325	8.74	0.22	-86.93	186.22	8.92039899	**2.042977518**
263.3	241.976	9	0.11	-87.62	185.53	8.953574624	**0.517171393**		338.3	290.35	9.18	0.44	-86.1	187.05	8.880816359	**3.313068853**
263.34	242.002	9.03	0.03	-80.7	192.45	8.631627436	**4.511164849**		338.34	290.375	9.25	0.07	-85.99	187.16	8.875596816	**4.131209452**
263.38	242.028	9.03	0	-71.98	201.17	8.257477258	**8.937368136**		338.38	290.4	9.12	-0.13	-84.94	188.21	8.826080973	**3.275578964**
263.42	242.054	9.03	0	-65.8	207.35	8.011365807	**11.95484218**		338.42	290.425	9.12	0	-82.64	190.51	8.719524959	**4.489750053**
263.46	242.08	9	-0.03	-60.42	212.73	7.80875617	**14.17408663**		338.46	290.45	9.07	-0.05	-79.69	193.46	8.586564148	**5.4759901**
263.5	242.106	8.94	-0.06	-55.72	217.43	7.639960907	**15.68205257**		338.5	290.476	9	-0.07	-77.41	195.74	8.48654695	**5.872549354**
263.54	242.132	8.85	-0.09	-52.42	220.73	7.525740497	**16.17343048**		338.54	290.501	8.79	-0.21	-74.8	198.35	8.374876229	**4.836897925**
263.58	242.158	8.73	-0.12	-51.28	221.87	7.487072159	**15.32863427**		338.58	290.526	8.64	-0.15	-73.05	200.1	8.301632684	**3.994506582**
263.62	242.184	8.64	-0.09	-53.02	220.13	7.546253123	**13.51451591**		338.62	290.551	8.46	-0.18	-72.9	200.25	8.295414232	**1.964568175**
263.66	242.211	8.54	-0.1	-57.93	215.22	7.718412322	**10.10661633**		338.66	290.576	8.34	-0.12	-73.69	199.46	8.328269829	**0.140748519**
263.7	242.236	8.49	-0.05	-64.44	208.71	7.959161995	**6.454286304**		338.7	290.601	8.22	-0.12	-75.42	197.73	8.401136398	**2.179591019**
263.74	242.263	8.58	0.09	-70.52	202.63	8.197980062	**4.553825149**		338.74	290.626	8.26	0.04	-77.68	195.47	8.4982693	**2.843602706**
263.78	242.289	8.73	0.15	-74.65	198.5	8.368547607	**4.227872463**		338.78	290.651	8.4	0.14	-79.9	193.25	8.595894955	**2.305203171**
263.82	242.315	8.85	0.12	-77.21	195.94	8.477884556	**4.294989874**		338.82	290.676	8.58	0.18	-81.51	191.64	8.66811052	**1.021683153**
263.86	242.341	8.92	0.07	-79.11	194.04	8.560898268	**4.108504335**		338.86	290.701	8.74	0.16	-82.4	190.75	8.708554128	**0.360441001**
263.9	242.367	8.94	0.02	-81.25	191.9	8.656366337	**3.223775386**		338.9	290.726	8.67	-0.07	-83.7	189.45	8.768311956	**1.12753982**
263.94	242.393	8.98	0.04	-83.6	189.55	8.763686099	**2.438207035**		338.94	290.751	8.74	0.07	-84.37	188.78	8.799431614	**0.677691442**
263.98	242.419	9.03	0.05	-83.85	189.3	8.775259905	**2.861402714**		338.98	290.776	8.91	0.17	-83.71	189.44	8.76877481	**1.597680739**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
264.02	242.445	9	-0.03	-82.75	190.4	8.7245625	**3.107975162**		339.02	290.801	8.94	0.03	-80.98	192.17	8.64420409	**3.364336633**
264.06	242.471	8.96	-0.04	-81.53	191.62	8.669015238	**3.301202677**		339.06	290.826	8.94	0	-82.77	190.38	8.725479042	**2.428702415**
264.1	242.497	8.94	-0.02	-84.27	188.88	8.794772872	**1.637766995**		339.1	290.852	8.82	-0.12	-84.24	188.91	8.793376211	**0.302313296**
264.14	242.523	8.89	-0.05	-88.68	184.47	9.005023581	**1.285537072**		339.14	290.877	8.63	-0.19	-85.65	187.5	8.8595024	**2.624458887**
264.18	242.549	8.85	-0.04	-89.68	183.47	9.054105303	**2.279983276**		339.18	290.902	8.55	-0.08	-86.5	186.65	8.899848379	**4.009758385**
264.22	242.575	8.85	0	-90.08	183.07	9.07388813	**2.498209413**		339.22	290.927	8.55	0	-87.13	186.02	8.929989786	**4.347711763**
264.26	242.601	8.94	0.09	-90.31	182.84	9.08530245	**1.612205405**		339.26	290.952	8.72	0.17	-86.87	186.28	8.917525768	**2.23983534**
264.3	242.627	9.03	0.09	-88.65	184.5	9.00355935	**0.293238289**		339.3	290.977	9.12	0.4	-86.28	186.87	8.889370686	**2.561214587**
264.34	242.653	9.05	0.02	-82.63	190.52	8.71906729	**3.724818023**		339.34	291.002	9.28	0.16	-85.89	187.26	8.870857097	**4.508248847**
264.38	242.679	9.12	0.07	-74.43	198.72	8.359282911	**8.704213934**		339.38	291.027	9.15	-0.13	-84.6	188.55	8.810165473	**3.784313983**
264.42	242.705	9.12	0	-66.06	207.09	8.021424019	**12.81779134**		339.42	291.052	9.12	-0.03	-81.68	191.47	8.675806654	**4.992112522**
264.46	242.731	9.03	-0.09	-58.8	214.35	7.749739678	**15.25959695**		339.46	291.077	9.1	-0.02	-78.94	194.21	8.553404562	**6.192521516**
264.5	242.757	8.97	-0.06	-55.38	217.77	7.628032787	**16.17019595**		339.5	291.102	8.94	-0.16	-76.21	196.94	8.434836498	**5.814886392**
264.54	242.783	8.83	-0.14	-53.16	219.99	7.551055503	**15.61492173**		339.54	291.127	8.81	-0.13	-73.55	199.6	8.322428357	**5.69179842**
264.58	242.81	8.7	-0.13	-52.83	220.32	7.53974537	**14.28907416**		339.58	291.152	8.61	-0.2	-72.36	200.79	8.273104736	**3.990915995**
264.62	242.836	8.58	-0.12	-53.89	219.26	7.576195841	**12.42624402**		339.62	291.177	8.46	-0.15	-72.11	201.04	8.262816852	**2.358252792**
264.66	242.862	8.49	-0.09	-59.5	213.65	7.775130821	**8.790205089**		339.66	291.202	8.4	-0.06	-72.24	200.91	8.268163357	**1.581897663**
264.7	242.888	8.4	-0.09	-63.99	209.16	7.942038153	**5.604709071**		339.7	291.227	8.26	-0.14	-75.86	197.29	8.419872776	**1.916954383**
264.74	242.914	8.49	0.09	-71.02	202.13	8.218259041	**3.25277407**		339.74	291.252	8.21	-0.05	-79.71	193.44	8.587451923	**4.494156909**
264.78	242.94	8.64	0.15	-74.79	198.36	8.374454023	**3.121416375**		339.78	291.277	8.32	0.11	-80.49	192.66	8.622218935	**3.567642893**
264.82	242.966	8.73	0.09	-77.87	195.28	8.506537792	**2.592889718**		339.82	291.302	8.58	0.26	-81.3	191.85	8.658622361	**0.912165248**
264.86	242.992	8.78	0.05	-80.16	192.99	8.607475517	**1.984468452**		339.86	291.327	8.74	0.16	-82.46	190.69	8.711294247	**0.328981362**
264.9	243.018	8.85	0.07	-82.14	191.01	8.696700173	**1.74733512**		339.9	291.352	8.76	0.02	-83.83	189.32	8.774332876	**0.163483557**
264.94	243.044	8.85	0	-83.9	189.25	8.777578336	**0.821685918**		339.94	291.377	8.81	0.05	-84.59	188.56	8.809698239	**0.003425265**
264.98	243.07	8.82	-0.03	-82.52	190.63	8.714036091	**1.208665348**		339.98	291.402	8.97	0.16	-84.69	188.46	8.814372811	**1.750156617**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
265.02	243.096	8.85	0.03	-80.08	193.07	8.603908945	**2.819896171**		340.02	291.427	9.03	0.06	-85.21	187.94	8.838760775	**2.140486715**
265.06	243.122	8.81	-0.04	-86.7	186.45	8.909395012	**1.121878168**		340.06	291.452	9.03	0	-83.55	189.6	8.761375	**3.019721635**
265.1	243.148	8.76	-0.05	-85.81	187.34	8.867068966	**1.214824379**		340.1	291.477	8.88	-0.15	-85.75	187.4	8.864229989	**0.177748042**
265.14	243.174	8.67	-0.09	-83.49	189.66	8.75860329	**1.016757208**		340.14	291.502	8.67	-0.21	-87.09	186.06	8.928069977	**2.932935007**
265.18	243.2	8.67	0	-87.88	185.27	8.966139688	**3.358327766**		340.18	291.527	8.58	-0.09	-87.66	185.49	8.955505418	**4.282801198**
265.22	243.226	8.67	0	-89.31	183.84	9.035882833	**4.132895675**		340.22	291.552	8.61	0.03	-88.12	185.03	8.977769551	**4.182105637**
265.26	243.252	8.78	0.11	-89.49	183.66	9.044738648	**2.970463161**		340.26	291.577	8.72	0.11	-88.16	184.99	8.979710795	**2.934633206**
265.3	243.278	8.85	0.07	-87.09	186.06	8.928069977	**0.878272811**		340.3	291.602	9.03	0.31	-87.54	185.61	8.949715533	**0.893056036**
265.34	243.304	8.89	0.04	-80.61	192.54	8.627592708	**2.99592868**		340.34	291.627	9.25	0.22	-86.78	186.37	8.913219402	**3.708379999**
265.38	243.33	8.94	0.05	-71.98	201.17	8.257477258	**7.937475151**		340.38	291.652	9.18	-0.07	-85.36	187.79	8.845820864	**3.707782728**
265.42	243.356	8.94	0	-60.84	212.31	7.824203759	**13.31165211**		340.42	291.677	9.21	0.03	-82.85	190.3	8.729147136	**5.360933385**
265.46	243.382	8.92	-0.02	-51.57	221.58	7.496871108	**17.33739497**		340.46	291.702	9.14	-0.07	-79.96	193.19	8.598564625	**6.104613151**
265.5	243.409	8.82	-0.1	-50.31	222.84	7.454481691	**16.78109737**		340.5	291.728	8.97	-0.17	-77.22	195.93	8.478317256	**5.635875788**
265.54	243.435	8.72	-0.1	-47.2	225.95	7.351877407	**17.02505014**		340.54	291.753	8.83	-0.14	-75.1	198.05	8.387562232	**5.139377599**
265.58	243.461	8.58	-0.14	-47.07	226.08	7.347649947	**15.47434879**		340.58	291.777	8.63	-0.2	-73.63	199.52	8.325765337	**3.588568928**
265.62	243.487	8.46	-0.12	-49.13	224.02	7.415216052	**13.16245328**		340.62	291.803	8.52	-0.11	-73.13	200.02	8.304953005	**2.556286431**
265.66	243.513	8.36	-0.1	-53.53	219.62	7.563776978	**10.0004292**		340.66	291.827	8.36	-0.16	-74.38	198.77	8.357180158	**0.033735857**
265.7	243.539	8.31	-0.05	-62.8	210.35	7.897108153	**5.095194566**		340.7	291.853	8.31	-0.05	-76.03	197.12	8.427134233	**1.399692819**
265.74	243.565	8.4	0.09	-69.23	203.92	8.146119557	**3.068761137**		340.74	291.878	8.27	-0.04	-78.34	194.81	8.527060726	**3.060782241**
265.78	243.591	8.58	0.18	-73.48	199.67	8.319510693	**3.082802953**		340.78	291.902	8.41	0.14	-80.56	192.59	8.625352822	**2.528304806**
265.82	243.617	8.67	0.09	-75.75	197.4	8.415180851	**2.982925977**		340.82	291.928	8.63	0.22	-81.8	191.35	8.681247452	**0.592071166**
265.86	243.643	8.74	0.07	-78.48	194.67	8.533193096	**2.394541679**		340.86	291.953	8.74	0.11	-83.02	190.13	8.736952085	**0.034879246**
265.9	243.669	8.79	0.05	-80.61	192.54	8.627592708	**1.864864964**		340.9	291.977	8.76	0.02	-84.36	188.79	8.798965517	**0.443824748**
265.94	243.695	8.85	0.06	-79.55	193.6	8.580354855	**3.093971946**		340.94	292.003	8.81	0.05	-84.97	188.18	8.827488043	**0.198305375**
265.98	243.721	8.85	0	-79.12	194.03	8.561339484	**3.315776097**		340.98	292.027	9	0.19	-85.04	188.11	8.830772952	**1.898145958**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
266.02	243.747	8.85	0	-83.25	189.9	8.747533965	**1.16454993**		341.02	292.052	9.03	0.03	-81.79	191.36	8.680793792	**3.943428085**
266.06	243.773	8.85	0	-83.03	190.12	8.737411635	**1.280328994**		341.06	292.078	8.98	-0.05	-78.57	194.58	8.537139994	**5.056304926**
266.1	243.799	8.76	-0.09	-86.33	186.82	8.891749813	**1.492767732**		341.1	292.102	8.85	-0.13	-83.73	189.42	8.769700665	**0.911472179**
266.14	243.825	8.76	0	-87.79	185.36	8.961786254	**2.277267662**		341.14	292.127	8.67	-0.18	-86.88	186.27	8.91800451	**2.820155174**
266.18	243.851	8.67	-0.09	-88.46	184.69	8.99429693	**3.671778518**		341.18	292.152	8.58	-0.09	-87.71	185.44	8.957920082	**4.309748023**
266.22	243.878	8.73	0.06	-89.41	183.74	9.040800588	**3.497879415**		341.22	292.177	8.61	0.03	-87.94	185.21	8.969044328	**4.084912938**
266.26	243.904	8.83	0.1	-89.92	183.23	9.065964635	**2.637070864**		341.26	292.202	8.74	0.13	-87.97	185.18	8.970497354	**2.602946143**
266.3	243.93	9	0.17	-87.55	185.6	8.950197737	**0.554893753**		341.3	292.227	9.15	0.41	-87.25	185.9	8.935754169	**2.369221975**
266.34	243.956	9.03	0.03	-81.85	191.3	8.683516466	**3.912080748**		341.34	292.252	9.23	0.08	-86.92	186.23	8.919919991	**3.416874661**
266.38	243.982	9.03	0	-73.53	199.62	8.32159453	**8.165306873**		341.38	292.277	9.18	-0.05	-85.54	187.61	8.854307873	**3.611917126**
266.42	244.008	9.03	0	-65.38	207.77	7.995171103	**12.15645812**		341.42	292.302	9.12	-0.06	-82.99	190.16	8.735573727	**4.305952623**
266.46	244.034	9.01	-0.02	-59.18	213.97	7.763502827	**14.86269368**		341.46	292.327	9.12	0	-79.72	193.43	8.58789588	**6.009794997**
266.5	244.06	8.94	-0.07	-55.04	218.11	7.616141855	**15.99235083**		341.5	292.352	8.97	-0.15	-76.66	196.49	8.454153901	**5.921046175**
266.54	244.086	8.81	-0.13	-52.16	220.99	7.516886284	**15.84029794**		341.54	292.377	8.81	-0.16	-74.38	198.77	8.357180158	**5.275413176**
266.58	244.112	8.7	-0.11	-51.75	221.4	7.502966125	**14.77549069**		341.58	292.402	8.63	-0.18	-72.48	200.67	8.278052026	**4.163081279**
266.62	244.138	8.55	-0.15	-53.19	219.96	7.552085379	**12.39484945**		341.62	292.427	8.45	-0.18	-72.16	200.99	8.264872382	**2.21512452**
266.66	244.164	8.47	-0.08	-57.08	216.07	7.68804878	**9.678782756**		341.66	292.452	8.33	-0.12	-73.77	199.38	8.331611496	**0.019343815**
266.7	244.19	8.4	-0.07	-61.53	211.62	7.849715055	**6.772856544**		341.7	292.477	8.25	-0.08	-75.27	197.88	8.394768041	**1.739502057**
266.74	244.216	8.5	0.1	-73.02	200.13	8.300388248	**2.37627547**		341.74	292.502	8.22	-0.03	-77.78	195.37	8.502619133	**3.380082159**
266.78	244.242	8.7	0.2	-74.7	198.45	8.370656085	**3.858597042**		341.78	292.527	8.34	0.12	-80.46	192.69	8.620876537	**3.312052143**
266.82	244.268	8.79	0.09	-77.75	195.4	8.501313715	**3.339090243**		341.82	292.552	8.55	0.21	-81.59	191.56	8.671730528	**1.413685205**
266.86	244.294	8.85	0.06	-79.8	193.35	8.591449185	**2.964785917**		341.86	292.577	8.67	0.12	-82.79	190.36	8.726395776	**0.648361616**
266.9	244.321	8.94	0.09	-82.08	191.07	8.693969226	**2.790418549**		341.9	292.602	8.76	0.09	-84.21	188.94	8.791979994	**0.36440326**
266.94	244.347	8.94	0	-83.14	190.01	8.74246987	**2.23419162**		341.94	292.627	8.83	0.07	-84.79	188.36	8.819052347	**0.124059391**
266.98	244.373	8.94	0	-80.81	192.34	8.636563897	**3.452735182**		341.98	292.652	8.94	0.11	-85.04	188.11	8.830772952	**1.229288656**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
267.02	244.399	8.94	0	-82.28	190.87	8.703079059	**2.685709679**		342.02	292.677	8.94	0	-85.46	187.69	8.850533859	**1.005772415**
267.06	244.425	8.94	0	-81.98	191.17	8.689421457	**2.84273132**		342.06	292.702	8.94	0	-83.15	190	8.74293	**2.228929256**
267.1	244.451	8.85	-0.09	-84.1	189.05	8.786864322	**0.715951285**		342.1	292.727	8.85	-0.09	-84.06	189.09	8.785005553	**0.737107192**
267.14	244.477	8.81	-0.04	-87.3	185.85	8.938158192	**1.444185821**		342.14	292.752	8.67	-0.18	-86.55	186.6	8.902233119	**2.643182769**
267.18	244.503	8.76	-0.05	-89.92	183.23	9.065964635	**3.432797505**		342.18	292.777	8.58	-0.09	-87.73	185.42	8.958886312	**4.320528743**
267.22	244.529	8.76	0	-90.59	182.56	9.099236963	**3.799008478**		342.22	292.802	8.61	0.03	-87.81	185.34	8.962753318	**4.014775736**
267.26	244.555	8.87	0.11	-90.63	182.52	9.101231098	**2.573347332**		342.26	292.827	8.76	0.15	-88	185.15	8.971950851	**2.390609499**
267.3	244.581	8.97	0.1	-88.03	185.12	8.973404818	**0.03795064**		342.3	292.852	9.15	0.39	-87.66	185.49	8.955505418	**2.148457913**
267.34	244.607	8.98	0.01	-81.4	191.75	8.66313794	**3.591901407**		342.34	292.877	9.25	0.1	-87.24	185.91	8.935273519	**3.461333482**
267.38	244.633	9	0.02	-72.94	200.21	8.297071575	**8.127715979**		342.38	292.901	9.15	-0.1	-85.66	187.49	8.859974932	**3.220715954**
267.42	244.659	9.03	0.03	-65.26	207.89	7.990556063	**12.21398329**		342.42	292.926	9.12	-0.03	-83.05	190.1	8.738330878	**4.274409788**
267.46	244.685	8.94	-0.09	-60.21	212.94	7.801055227	**13.60660673**		342.46	292.951	9.1	-0.02	-80.06	193.09	8.603017764	**5.614661216**
267.5	244.712	8.88	-0.06	-54.2	218.95	7.586922585	**15.70514962**		342.5	292.976	8.97	-0.13	-76.81	196.34	8.460612713	**5.844743335**
267.54	244.738	8.76	-0.12	-50.57	222.58	7.463189415	**15.98712253**		342.54	293.001	8.81	-0.16	-74.08	199.07	8.344585824	**5.426119647**
267.58	244.764	8.64	-0.12	-49.89	223.26	7.44045821	**14.91924887**		342.58	293.026	8.63	-0.18	-72.45	200.7	8.276814649	**4.178023579**
267.62	244.79	8.52	-0.12	-49.69	223.46	7.43379889	**13.61683342**		342.62	293.051	8.49	-0.14	-71.85	201.3	8.25214456	**2.841397514**
267.66	244.816	8.42	-0.1	-55.23	217.92	7.622782214	**9.938647496**		342.66	293.076	8.34	-0.15	-72.87	200.28	8.29417166	**0.551014397**
267.7	244.842	8.31	-0.11	-62.63	210.52	7.890731047	**5.175926344**		342.7	293.101	8.25	-0.09	-74.98	198.17	8.382483221	**1.593066047**
267.74	244.868	8.4	0.09	-70.34	202.81	8.190704107	**2.523050153**		342.74	293.126	8.22	-0.03	-77.35	195.8	8.483946374	**3.16028761**
267.78	244.894	8.55	0.15	-73.53	199.62	8.32159453	**2.707574201**		342.78	293.151	8.34	0.12	-80.39	192.76	8.617745902	**3.275740812**
267.82	244.92	8.67	0.12	-76.47	196.68	8.445986882	**2.617589267**		342.82	293.176	8.55	0.21	-81.85	191.3	8.683516466	**1.549497649**
267.86	244.946	8.72	0.05	-79.05	194.1	8.558251932	**1.872273522**		342.86	293.201	8.67	0.12	-83.3	189.85	8.749837767	**0.916630427**
267.9	244.972	8.76	0.04	-80.81	192.34	8.636563897	**1.419086016**		342.9	293.226	8.73	0.06	-84.6	188.55	8.810165473	**0.914078872**
267.94	244.998	8.76	0	-83.04	190.11	8.737871232	**0.252930968**		342.94	293.251	8.85	0.12	-85.18	187.97	8.837350109	**0.143038848**
267.98	245.024	8.76	0	-83.66	189.49	8.766461027	**0.073728826**		342.98	293.275	8.94	0.09	-85.6	187.55	8.857140496	**0.931155251**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
268.02	245.05	8.82	0.06	-83.28	189.87	8.7489161	**0.80920074**		343.02	293.3	8.94	0	-82.05	191.1	8.692604396	**2.806115295**
268.06	245.076	8.83	0.01	-81.97	191.18	8.688966942	**1.61006135**		343.06	293.325	8.94	0	-81.35	191.8	8.660879562	**3.171664654**
268.1	245.102	8.76	-0.07	-82.46	190.69	8.711294247	**0.557551743**		343.1	293.35	8.82	-0.12	-85.12	188.03	8.834530128	**0.164605096**
268.14	245.129	8.69	-0.07	-88.02	185.13	8.97292011	**3.203548546**		343.14	293.375	8.67	-0.15	-87.32	185.83	8.939120164	**3.056599774**
268.18	245.155	8.67	-0.02	-86.4	186.75	8.895082731	**2.562842821**		343.18	293.4	8.58	-0.09	-88.2	184.95	8.981652879	**4.574203601**
268.22	245.181	8.7	0.03	-89.44	183.71	9.042276958	**3.858320542**		343.22	293.425	8.61	0.03	-88.42	184.73	8.992349375	**4.34429935**
268.26	245.207	8.81	0.11	-89.78	183.37	9.059042919	**2.787423141**		343.26	293.45	8.78	0.17	-88.69	184.46	9.005511764	**2.535904134**
268.3	245.233	8.94	0.13	-87.85	185.3	8.964688073	**0.27577217**		343.3	293.475	9.15	0.37	-88.34	184.81	8.988456793	**1.781223269**
268.34	245.259	8.94	0	-81.39	191.76	8.66268617	**3.150812633**		343.34	293.5	9.21	0.06	-88.37	184.78	8.989916116	**2.418515362**
268.38	245.285	8.94	0	-72.2	200.95	8.266517542	**7.828225051**		343.38	293.525	9.21	0	-85.63	187.52	8.858557487	**3.890100392**
268.42	245.311	8.94	0	-63.76	209.39	7.933314389	**11.93228061**		343.42	293.55	9.12	-0.09	-83.58	189.57	8.762761513	**3.995339163**
268.46	245.337	8.94	0	-57.88	215.27	7.716619594	**14.68942001**		343.46	293.575	9.07	-0.05	-80.55	192.6	8.624904984	**5.030770337**
268.5	245.363	8.85	-0.09	-53.54	219.61	7.564121397	**15.66795532**		343.5	293.6	8.97	-0.1	-77.27	195.88	8.480481417	**5.610373389**
268.54	245.389	8.74	-0.11	-51.24	221.91	7.48572259	**15.46035812**		343.54	293.624	8.76	-0.21	-74.47	198.68	8.360965875	**4.661350629**
268.58	245.415	8.67	-0.07	-50.07	223.08	7.446461807	**15.18370728**		343.58	293.649	8.61	-0.15	-71.78	201.37	8.24927596	**4.279235255**
268.62	245.441	8.52	-0.15	-51.62	221.53	7.498563174	**12.75316412**		343.62	293.674	8.46	-0.15	-71.28	201.87	8.22884381	**2.770188184**
268.66	245.467	8.49	-0.03	-56.38	216.77	7.663222309	**10.23669055**		343.66	293.699	8.34	-0.12	-72.2	200.95	8.266517542	**0.884983358**
268.7	245.493	8.4	-0.09	-64.36	208.79	7.956112362	**5.427789055**		343.7	293.724	8.25	-0.09	-74.71	198.44	8.371077908	**1.456920043**
268.74	245.52	8.45	0.05	-69.61	203.54	8.161327994	**3.475604185**		343.74	293.749	8.25	0	-77.5	195.65	8.490450805	**2.872692113**
268.78	245.546	8.61	0.16	-73.83	199.32	8.334119506	**3.256356798**		343.78	293.774	8.34	0.09	-80.57	192.58	8.625800706	**3.369139024**
268.82	245.572	8.73	0.12	-76.65	196.5	8.453723664	**3.215558412**		343.82	293.799	8.55	0.21	-81.9	191.25	8.685786667	**1.575636428**
268.86	245.598	8.76	0.03	-78.57	194.58	8.537139994	**2.576842255**		343.86	293.824	8.67	0.12	-83.34	189.81	8.751681682	**0.937701459**
268.9	245.624	8.85	0.09	-81.95	191.2	8.688058054	**1.846748883**		343.9	293.849	8.73	0.06	-84.96	188.19	8.82701897	**1.10518728**
268.94	245.65	8.85	0	-82.47	190.68	8.711751101	**1.574431819**		343.94	293.873	8.81	0.08	-85.59	187.56	8.856668266	**0.528319946**
268.98	245.676	8.85	0	-80.65	192.5	8.629385455	**2.52428263**		343.98	293.898	8.91	0.1	-85.6	187.55	8.857140496	**0.595025453**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
269.02	245.702	8.85	0	-81.28	191.87	8.65771981	**2.196518928**		344.02	293.923	8.94	0.03	-84.9	188.25	8.824205578	**1.30368253**
269.06	245.728	8.87	0.02	-81.25	191.9	8.656366337	**2.437854593**		344.06	293.948	8.94	0	-85.61	187.54	8.857612776	**0.925823312**
269.1	245.754	8.85	-0.02	-86.31	186.84	8.890798009	**0.459934316**		344.1	293.973	8.85	-0.09	-86.92	186.23	8.919919991	**0.786947735**
269.14	245.78	8.78	-0.07	-88.73	184.42	9.007465025	**2.557587887**		344.14	293.998	8.67	-0.18	-87.93	185.22	8.968560091	**3.385311377**
269.18	245.806	8.76	-0.02	-89.33	183.82	9.036865956	**3.11140126**		344.18	294.023	8.58	-0.09	-88.68	184.47	9.005023581	**4.833926769**
269.22	245.832	8.76	0	-90.09	183.06	9.074383809	**3.525592047**		344.22	294.048	8.64	0.06	-89.12	184.03	9.026553823	**4.376108964**
269.26	245.859	8.89	0.13	-90.68	182.47	9.103724996	**2.37555032**		344.26	294.073	8.83	0.19	-89.07	184.08	9.024102021	**2.17431289**
269.3	245.885	9	0.11	-89.29	183.86	9.034899924	**0.387026532**		344.3	294.097	9.12	0.29	-89.01	184.14	9.021161616	**1.08965882**
269.34	245.911	9.05	0.05	-79.41	193.74	8.574154537	**5.39992386**		344.34	294.122	9.23	0.11	-88.51	184.64	8.996732561	**2.55961883**
269.38	245.937	9.06	0.01	-71	202.15	8.217445956	**9.753224477**		344.38	294.147	9.21	-0.02	-86.77	186.38	8.912741174	**3.280506224**
269.42	245.963	9.03	-0.03	-62.88	210.27	7.900112712	**13.34766409**		344.42	294.172	9.12	-0.09	-83.76	189.39	8.771089815	**3.900379339**
269.46	245.989	8.96	-0.07	-56.7	216.45	7.674551629	**15.45516104**		344.46	294.197	9.05	-0.07	-80.2	192.95	8.609259912	**4.991603162**
269.5	246.015	8.85	-0.11	-51.81	221.34	7.505	**16.44756955**		344.5	294.222	8.94	-0.11	-76.36	196.79	8.441265816	**5.738755611**
269.54	246.041	8.72	-0.13	-49.45	223.7	7.425823424	**16.03110033**		344.54	294.247	8.85	-0.09	-73.74	199.41	8.330358056	**6.049256273**
269.58	246.067	8.58	-0.14	-50.31	222.84	7.454481691	**14.03872393**		344.58	294.272	8.58	-0.27	-71.87	201.28	8.252964527	**3.885655108**
269.62	246.093	8.47	-0.11	-51.09	222.06	7.480666036	**12.40492355**		344.62	294.297	8.44	-0.14	-71.17	201.98	8.224362313	**2.588010064**
269.66	246.119	8.41	-0.06	-56.02	217.13	7.650516741	**9.457768652**		344.66	294.321	8.38	-0.06	-72.26	200.89	8.26898651	**1.33357655**
269.7	246.145	8.41	0	-61.58	211.57	7.851570166	**6.868092422**		344.7	294.346	8.28	-0.1	-74.78	198.37	8.37403186	**1.129238378**
269.74	246.171	8.49	0.08	-71.36	201.79	8.23210615	**3.084466128**		344.74	294.371	8.25	-0.03	-77.56	195.59	8.493055371	**2.903357428**
269.78	246.197	8.64	0.15	-73.77	199.38	8.331611496	**3.634168793**		344.78	294.396	8.34	0.09	-80.72	192.43	8.632524554	**3.447036455**
269.82	246.224	8.73	0.09	-76.48	196.67	8.446416332	**3.302012045**		344.82	294.421	8.58	0.24	-82.38	190.77	8.707641139	**1.476675013**
269.86	246.25	8.78	0.05	-79.48	193.67	8.577253576	**2.336157889**		344.86	294.446	8.67	0.09	-83.98	189.17	8.781290374	**1.275440055**
269.9	246.276	8.85	0.07	-81.82	191.33	8.682154916	**1.9147114**		344.9	294.471	8.7	0.03	-85.28	187.87	8.84205408	**1.619583195**
269.94	246.302	8.85	0	-81.77	191.38	8.679886613	**1.940838418**		344.94	294.496	8.81	0.11	-86.05	187.1	8.878443079	**0.773873407**
269.98	246.328	8.91	0.06	-80.93	192.22	8.641955572	**3.054297023**		344.98	294.52	8.94	0.13	-86.31	186.84	8.890798009	**0.551876489**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
270.02	246.354	8.91	0	-81.83	191.32	8.682608718	**2.585077464**		345.02	294.545	8.94	0	-84.19	188.96	8.791049428	**1.680110048**
270.06	246.38	8.92	0.01	-82.02	191.13	8.691239994	**2.597886422**		345.06	294.57	8.94	0	-86.76	186.39	8.912262997	**0.310739351**
270.1	246.406	8.85	-0.07	-84.57	188.58	8.80876392	**0.467032465**		345.1	294.595	8.88	-0.06	-87.8	185.35	8.96226976	**0.922189397**
270.14	246.432	8.81	-0.04	-88.87	184.28	9.014308118	**2.292466184**		345.14	294.62	8.69	-0.19	-88.76	184.39	9.008930528	**3.603952535**
270.18	246.458	8.76	-0.05	-89.66	183.49	9.053118426	**3.291039997**		345.18	294.645	8.67	-0.02	-89.4	183.75	9.040308571	**4.181842117**
270.22	246.484	8.82	0.06	-90.5	182.65	9.094753353	**3.067341738**		345.22	294.669	8.7	0.03	-89.77	183.38	9.058548915	**4.038042934**
270.26	246.51	8.89	0.07	-90.79	182.36	9.109216385	**2.435843655**		345.26	294.694	8.83	0.13	-89.8	183.35	9.060031088	**2.571611944**
270.3	246.536	9.03	0.14	-89.02	184.13	9.021651551	**0.092495132**		345.3	294.719	9.12	0.29	-89.79	183.36	9.059536976	**0.665176716**
270.34	246.562	9.03	0	-82.77	190.38	8.725479042	**3.430163246**		345.34	294.744	9.21	0.09	-89.24	183.91	9.032443587	**1.946629711**
270.38	246.589	9.03	0	-73.99	199.16	8.340814923	**7.934976918**		345.38	294.769	9.21	0	-87.27	185.88	8.936715623	**3.011943127**
270.42	246.615	9.03	0	-65.09	208.06	7.984027204	**12.295417**		345.42	294.794	9.12	-0.09	-84.45	188.7	8.803162162	**3.535512707**
270.46	246.641	8.98	-0.05	-58.39	214.76	7.734944589	**14.89751167**		345.46	294.819	9.05	-0.07	-80.83	192.32	8.637462042	**4.664750167**
270.5	246.667	8.91	-0.07	-54.21	218.94	7.587269115	**16.03575569**		345.5	294.844	8.85	-0.2	-78.06	195.09	8.51482239	**3.86042083**
270.54	246.693	8.81	-0.1	-51.46	221.69	7.493151247	**16.15453028**		345.54	294.868	8.85	0	-74.2	198.95	8.349619	**5.818512611**
270.58	246.719	8.7	-0.11	-50.88	222.27	7.473598326	**15.16547708**		345.58	294.893	8.77	-0.08	-71.3	201.85	8.229659153	**6.357078601**
270.62	246.745	8.61	-0.09	-51.81	221.34	7.505	**13.71393112**		345.62	294.918	8.57	-0.2	-71.37	201.78	8.232514124	**4.017087838**
270.66	246.771	8.51	-0.1	-55.78	217.37	7.642069743	**10.74698501**		345.66	294.943	8.36	-0.21	-72.2	200.95	8.266517542	**1.124498357**
270.7	246.797	8.49	-0.02	-62.87	210.28	7.899737017	**7.202836532**		345.7	294.968	8.28	-0.08	-74.77	198.38	8.373609739	**1.124197581**
270.74	246.823	8.54	0.05	-69.89	203.26	8.172570599	**4.397042317**		345.74	294.993	8.27	-0.01	-77.64	195.51	8.496530612	**2.702176347**
270.78	246.849	8.7	0.16	-74.49	198.66	8.361807611	**3.964320742**		345.78	295.017	8.34	0.07	-81	192.15	8.645103825	**3.59260477**
270.82	246.875	8.76	0.06	-77	196.15	8.468808055	**3.380291243**		345.82	295.042	8.55	0.21	-82.47	190.68	8.711751101	**1.874098408**
270.86	246.902	8.85	0.09	-79.13	194.02	8.561780744	**3.310623537**		345.86	295.067	8.65	0.1	-84.07	189.08	8.785470171	**1.553960633**
270.9	246.928	8.94	0.09	-81.41	191.74	8.663589757	**3.140384965**		345.9	295.092	8.7	0.05	-85.36	187.79	8.845820864	**1.662172034**
270.94	246.954	8.94	0	-84.18	188.97	8.79058422	**1.685401659**		345.94	295.117	8.81	0.11	-85.99	187.16	8.875596816	**0.741810596**
270.98	246.98	8.94	0	-84.56	188.59	8.808296834	**1.484121737**		345.98	295.142	8.94	0.13	-86.28	186.87	8.889370686	**0.567931593**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
271.02	247.006	8.94	0	-83.99	189.16	8.781754599	**1.785888636**		346.02	295.166	8.94	0	-82.66	190.49	8.720440443	**2.486456186**
271.06	247.032	8.94	0	-83.12	190.03	8.741549755	**2.244715508**		346.06	295.191	8.94	0	-83.67	189.48	8.766923686	**1.954899871**
271.1	247.058	8.94	0	-86.26	186.89	8.888419391	**0.57863356**		346.1	295.216	8.88	-0.06	-86.69	186.46	8.908917194	**0.325114719**
271.14	247.084	8.87	-0.07	-89.56	183.59	9.048187265	**1.988898346**		346.14	295.241	8.69	-0.19	-88.66	184.49	9.004047374	**3.549751701**
271.18	247.11	8.85	-0.02	-90.21	182.94	9.080336176	**2.569234325**		346.18	295.266	8.58	-0.11	-89.37	183.78	9.038832844	**5.20843631**
271.22	247.136	8.85	0	-90.76	182.39	9.107718077	**2.870276452**		346.22	295.291	8.67	0.09	-89.41	183.74	9.040800588	**4.187282059**
271.26	247.162	8.94	0.09	-91.17	181.98	9.128237718	**2.083631192**		346.26	295.315	8.83	0.16	-89.6	183.55	9.050159085	**2.462607672**
271.3	247.188	9.03	0.09	-89.49	183.66	9.044738648	**0.163085595**		346.3	295.34	9.03	0.2	-89.55	183.6	9.047694444	**0.195759968**
271.34	247.215	9.03	0	-82.91	190.24	8.731900231	**3.356620236**		346.34	295.365	9.21	0.18	-88.89	184.26	9.015286552	**2.1367395**
271.38	247.241	9.03	0	-74.28	198.87	8.352977825	**7.789484427**		346.38	295.39	9.21	0	-86.79	186.36	8.913697682	**3.269777761**
271.42	247.267	9.03	0	-70.06	203.09	8.179411591	**9.885153883**		346.42	295.415	9.12	-0.09	-83.62	189.53	8.76461088	**3.974244929**
271.46	247.293	9.03	0	-57.67	215.48	7.70909922	**15.78222056**		346.46	295.439	9.06	-0.06	-79.7	193.45	8.587008012	**5.360591294**
271.5	247.319	8.94	-0.09	-55.46	217.69	7.630836051	**15.80081952**		346.5	295.464	8.95	-0.11	-77.5	195.65	8.490450805	**5.269923354**
271.54	247.345	8.87	-0.07	-53.07	220.08	7.547967557	**16.10470283**		346.54	295.489	8.81	-0.14	-73.33	199.82	8.313265439	**5.801867207**
271.58	247.371	8.76	-0.11	-51.85	221.3	7.50635653	**15.41394311**		346.58	295.514	8.66	-0.15	-69.82	203.33	8.169757045	**5.8259065**
271.62	247.397	8.64	-0.12	-53.17	219.98	7.551398764	**13.44666082**		346.62	295.539	8.52	-0.14	-70.06	203.09	8.179411591	**4.079046824**
271.66	247.423	8.54	-0.1	-57.02	216.13	7.685914496	**10.52742518**		346.66	295.564	8.36	-0.16	-71.41	201.74	8.234146426	**1.516842996**
271.7	247.449	8.49	-0.05	-63.87	209.28	7.937484232	**6.726724075**		346.7	295.588	8.28	-0.08	-73.97	199.18	8.339977407	**0.721750769**
271.74	247.475	8.54	0.05	-71.44	201.71	8.235371077	**3.631859126**		346.74	295.613	8.25	-0.03	-77.1	196.05	8.473127774	**2.668493317**
271.78	247.501	8.7	0.16	-75.44	197.71	8.401986242	**3.485136209**		346.78	295.638	8.34	0.09	-80.62	192.53	8.628040825	**3.395098206**
271.82	247.527	8.76	0.06	-77.99	195.16	8.511768293	**2.874421462**		346.82	295.663	8.52	0.18	-82.35	190.8	8.706272013	**2.16265031**
271.86	247.553	8.85	0.09	-81.18	191.97	8.653209877	**2.248617538**		346.86	295.688	8.67	0.15	-83.75	189.4	8.770626716	**1.153934633**
271.9	247.58	8.88	0.03	-83.46	189.69	8.757218093	**1.39230469**		346.9	295.712	8.7	0.03	-85.45	187.7	8.850062334	**1.710105989**
271.94	247.606	8.94	0.06	-84.07	189.08	8.785470171	**1.743590744**		346.94	295.737	8.85	0.15	-86.06	187.09	8.878917633	**0.326219951**
271.98	247.632	8.94	0	-85.28	187.87	8.84205408	**1.101626613**		346.98	295.762	8.97	0.12	-86.38	186.77	8.894130214	**0.84940924**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
272.02	247.658	8.94	0	-83.83	189.32	8.774332876	**1.870430296**		347.02	295.787	8.98	0.01	-83.31	189.84	8.750298673	**2.591059876**
272.06	247.684	8.94	0	-83.54	189.61	8.760912927	**2.023478385**		347.06	295.811	8.94	-0.04	-84.39	188.76	8.800363954	**1.574218501**
272.1	247.71	8.94	0	-86.96	186.19	8.921836296	**0.203380027**		347.1	295.836	8.91	-0.03	-86.79	186.36	8.913697682	**0.041491748**
272.14	247.736	8.85	-0.09	-86.75	186.4	8.911784871	**0.695705659**		347.14	295.861	8.72	-0.19	-88.97	184.18	9.019202411	**3.373346825**
272.18	247.762	8.85	0	-90.4	182.75	9.089776744	**2.673129634**		347.18	295.886	8.61	-0.11	-89.72	183.43	9.056079703	**5.050126694**
272.22	247.788	8.85	0	-91.1	182.05	9.124727822	**3.056823166**		347.22	295.911	8.67	0.06	-89.83	183.32	9.061513746	**4.416021689**
272.26	247.814	8.91	0.06	-91.65	181.5	9.152378512	**2.683793967**		347.26	295.936	8.83	0.16	-89.93	183.22	9.066459448	**2.642527684**
272.3	247.84	9.03	0.12	-90.27	182.88	9.083315289	**0.588686145**		347.3	295.96	9.06	0.23	-89.91	183.24	9.065469876	**0.060355683**
272.34	247.866	9.03	0	-83.82	189.33	8.773869434	**2.877246057**		347.34	295.985	9.21	0.15	-89.15	184	9.028025543	**1.995549969**
272.38	247.893	9.03	0	-75.1	198.05	8.387562232	**7.376896487**		347.38	296.01	9.21	0	-86.66	186.49	8.907484047	**3.339491861**
272.42	247.919	9.03	0	-66.23	206.92	8.028014208	**11.74797698**		347.42	296.035	9.12	-0.09	-83.32	189.83	8.750759627	**4.132341105**
272.46	247.945	9.03	0	-59.86	213.29	7.78825402	**14.76664555**		347.46	296.059	9.1	-0.02	-79.32	193.83	8.570173348	**5.99684725**
272.5	247.971	8.94	-0.09	-55.13	218.02	7.619285845	**15.95134195**		347.5	296.084	9	-0.1	-75.1	198.05	8.387562232	**7.044550122**
272.54	247.997	8.94	0	-52.68	220.47	7.534615594	**17.0612103**		347.54	296.109	8.81	-0.19	-73.91	199.24	8.33746587	**5.511416477**
272.58	248.023	8.76	-0.18	-51.27	221.88	7.486734721	**15.67410683**		347.58	296.134	8.7	-0.11	-71.35	201.8	8.231698216	**5.531657581**
272.62	248.049	8.7	-0.06	-53.09	220.06	7.548653549	**14.1715921**		347.62	296.159	8.52	-0.18	-70.65	202.5	8.203242963	**3.78822502**
272.66	248.075	8.6	-0.1	-57.84	215.31	7.715186011	**10.84650814**		347.66	296.183	8.38	-0.14	-72.11	201.04	8.262816852	**1.408212909**
272.7	248.101	8.52	-0.08	-63.8	209.35	7.934830189	**7.112438167**		347.7	296.208	8.31	-0.07	-74.93	198.22	8.380368782	**0.843226211**
272.74	248.127	8.58	0.06	-71.13	202.02	8.222733888	**4.252475992**		347.74	296.233	8.25	-0.06	-77.92	195.23	8.508716386	**3.087544175**
272.78	248.153	8.73	0.15	-76.26	196.89	8.436978516	**3.413780518**		347.78	296.258	8.34	0.09	-80.88	192.27	8.639708223	**3.53019285**
272.82	248.179	8.82	0.09	-79.71	193.44	8.587451923	**2.671822136**		347.82	296.282	8.55	0.21	-82.49	190.66	8.712664953	**1.884586809**
272.86	248.206	8.89	0.07	-82.85	190.3	8.729147136	**1.825887061**		347.86	296.307	8.67	0.12	-84.08	189.07	8.785934839	**1.328314296**
272.9	248.232	8.97	0.08	-84.9	188.25	8.824205578	**1.638673013**		347.9	296.332	8.75	0.08	-85.27	187.88	8.841583458	**1.041219032**
272.94	248.258	9.03	0.06	-84.63	188.52	8.811567473	**2.448580007**		347.94	296.357	8.8	0.05	-86.01	187.14	8.876545367	**0.866067046**
272.98	248.284	9.03	0	-82.83	190.32	8.728229823	**3.39865155**		347.98	296.381	9.03	0.23	-86.27	186.88	8.888895013	**1.57492956**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
273.02	248.31	9.09	0.06	-84.8	188.35	8.819520573	**3.020509963**		348.02	296.406	9	-0.03	-86.03	187.12	8.877494121	**1.370503917**
273.06	248.336	9.03	-0.06	-87.93	185.22	8.968560091	**0.682720273**		348.06	296.431	8.94	-0.06	-82.46	190.69	8.711294247	**2.591376582**
273.1	248.362	9.03	0	-89.93	183.22	9.066459448	**0.402945645**		348.1	296.456	8.88	-0.06	-85.35	187.8	8.84534984	**0.390967288**
273.14	248.388	9.01	-0.02	-91.04	182.11	9.121721487	**1.232331823**		348.14	296.481	8.69	-0.19	-88.66	184.49	9.004047374	**3.549751701**
273.18	248.414	8.94	-0.07	-91.13	182.02	9.126231733	**2.06165553**		348.18	296.505	8.58	-0.11	-89.4	183.75	9.040308571	**5.224750402**
273.22	248.44	9	0.06	-91.78	181.37	9.158938634	**1.750527792**		348.22	296.53	8.64	0.06	-89.43	183.72	9.041784781	**4.544617935**
273.26	248.466	9.05	0.05	-92.28	180.87	9.184257754	**1.472588092**		348.26	296.555	8.83	0.19	-89.73	183.42	9.056573438	**2.5334471**
273.3	248.493	9.15	0.1	-90.61	182.54	9.100233921	**0.545374694**		348.3	296.58	9.09	0.26	-89.81	183.34	9.060525254	**0.324781195**
273.34	248.519	9.12	-0.03	-84.58	188.57	8.809231055	**3.466617662**		348.34	296.604	9.21	0.12	-89.15	184	9.028025543	**1.995549969**
273.38	248.545	9.12	0	-76.16	196.99	8.432695568	**7.831326294**		348.38	296.629	9.21	0	-87.19	185.96	8.932871048	**3.054962489**
273.42	248.571	9.12	0	-68.63	204.52	8.122221299	**11.57366773**		348.42	296.654	9.12	-0.09	-83.79	189.36	8.772479404	**3.884543755**
273.46	248.597	9.12	0	-64.71	208.44	7.96947179	**13.46476034**		348.46	296.679	9.07	-0.05	-79.76	193.39	8.589672165	**5.439827313**
273.5	248.623	9.06	-0.06	-59.09	214.06	7.760238718	**15.4547305**		348.5	296.703	8.97	-0.1	-75.85	197.3	8.419446021	**6.332047358**
273.54	248.649	8.98	-0.08	-56.29	216.86	7.660041963	**15.86484025**		348.54	296.728	8.81	-0.16	-72.39	200.76	8.274341004	**6.270759823**
273.58	248.675	8.88	-0.1	-55.66	217.49	7.637853235	**15.04005088**		348.58	296.753	8.63	-0.18	-70.36	202.79	8.191511909	**5.21342069**
273.62	248.701	8.79	-0.09	-56.04	217.11	7.651221501	**13.85272377**		348.62	296.778	8.52	-0.11	-69.29	203.86	8.14851712	**4.457299684**
273.66	248.727	8.65	-0.14	-61.22	211.93	7.838232907	**9.846623316**		348.66	296.802	8.36	-0.16	-70.92	202.23	8.214195223	**1.759419082**
273.7	248.753	8.58	-0.07	-65.83	207.32	8.012525082	**6.840127289**		348.7	296.827	8.22	-0.14	-73.76	199.39	8.331193641	**1.343632889**
273.74	248.779	8.63	0.05	-72.95	200.2	8.297486014	**3.928687175**		348.74	296.852	8.22	0	-77.07	196.08	8.471831395	**3.01742079**
273.78	248.806	8.79	0.16	-78.07	195.08	8.515258868	**3.175232846**		348.78	296.876	8.36	0.14	-80.52	192.63	8.623561751	**3.103727644**
273.82	248.832	8.85	0.06	-80.49	192.66	8.622218935	**2.607351315**		348.82	296.901	8.54	0.18	-82.11	191.04	8.695334485	**1.802511986**
273.86	248.858	8.94	0.09	-83.04	190.11	8.737871232	**2.286799863**		348.86	296.926	8.65	0.11	-83.72	189.43	8.769237713	**1.369034801**
273.9	248.884	9.03	0.09	-85.22	187.93	8.839231097	**2.135166335**		348.9	296.951	8.7	0.05	-85.23	187.92	8.839701469	**1.592974304**
273.94	248.91	9.03	0	-87.04	186.11	8.925671377	**1.162068749**		348.94	296.975	8.83	0.13	-86.13	187.02	8.882240937	**0.589885119**
273.98	248.936	9.03	0	-83.95	189.2	8.779897992	**2.808573172**		348.98	297	8.94	0.11	-86.69	186.46	8.908917194	**0.348287861**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
274.02	248.962	9.03	0	-87.08	186.07	8.927590154	**1.140574486**		349.02	297.025	8.94	0	-82.39	190.76	8.70809761	**2.628072391**
274.06	248.988	9.05	0.02	-88.66	184.49	9.004047374	**0.509056227**		349.06	297.05	8.89	-0.05	-81.63	191.52	8.673541667	**2.464859735**
274.1	249.014	9.03	-0.02	-89.1	184.05	9.025572942	**0.049038132**		349.1	297.074	8.82	-0.07	-84.79	188.36	8.819052347	**0.010744947**
274.14	249.04	8.98	-0.05	-91.42	181.73	9.140795136	**1.77470287**		349.14	297.099	8.67	-0.15	-88.37	184.78	8.989916116	**3.623076286**
274.18	249.066	8.94	-0.04	-92.58	180.57	9.199516531	**2.861339006**		349.18	297.124	8.58	-0.09	-89.27	183.88	9.033917229	**5.154074732**
274.22	249.092	8.94	0	-93.38	179.77	9.240455582	**3.305259109**		349.22	297.149	8.58	0	-89.47	183.68	9.043753811	**5.262826705**
274.26	249.119	9.05	0.11	-93.44	179.71	9.243540704	**2.115945815**		349.26	297.173	8.74	0.16	-89.61	183.54	9.050652174	**3.49230788**
274.3	249.145	9.18	0.13	-91.85	181.3	9.162474903	**0.191087589**		349.3	297.198	9	0.26	-89.57	183.58	9.048680139	**0.539431571**
274.34	249.171	9.12	-0.06	-85.84	187.31	8.868489136	**2.796353406**		349.34	297.223	9.12	0.12	-88.81	184.34	9.011374091	**1.198209337**
274.38	249.197	9.12	0	-77.36	195.79	8.484379693	**7.221161081**		349.38	297.247	9.12	0	-86.43	186.72	8.896511889	**2.480925408**
274.42	249.223	9.12	0	-69.29	203.86	8.14851712	**11.25149164**		349.42	297.272	9.06	-0.06	-83.09	190.06	8.740169946	**3.593561799**
274.46	249.249	9.12	0	-63.27	209.88	7.914792739	**14.14994922**		349.46	297.297	8.98	-0.08	-78.92	194.23	8.552523812	**4.876379381**
274.5	249.275	9.12	0	-59.24	213.91	7.765680426	**16.04104234**		349.5	297.322	8.88	-0.1	-74.81	198.34	8.375298477	**5.849815039**
274.54	249.301	8.98	-0.14	-56.57	216.58	7.669945055	**15.73644767**		349.54	297.346	8.73	-0.15	-71.05	202.1	8.219478971	**6.024032126**
274.58	249.327	8.88	-0.1	-55.28	217.87	7.624531601	**15.21362046**		349.58	297.371	8.61	-0.12	-68.66	204.49	8.123412881	**5.815754654**
274.62	249.353	8.76	-0.12	-57.82	215.33	7.714469419	**12.69273752**		349.62	297.396	8.46	-0.15	-68.12	205.03	8.102017753	**4.322930356**
274.66	249.379	8.63	-0.13	-59.82	213.33	7.7867937	**10.27248457**		349.66	297.42	8.31	-0.15	-69.33	203.82	8.150116279	**1.942680334**
274.7	249.406	8.58	-0.05	-65.86	207.29	8.013684693	**6.825672749**		349.7	297.445	8.22	-0.09	-72.06	201.09	8.260762345	**0.494665773**
274.74	249.432	8.63	0.05	-72.8	200.35	8.291273771	**4.00355474**		349.74	297.47	8.2	-0.02	-75.33	197.82	8.397314225	**2.377664511**
274.78	249.458	8.76	0.13	-78.25	194.9	8.52312314	**2.741134898**		349.78	297.495	8.28	0.08	-79.21	193.94	8.565312468	**3.387440492**
274.82	249.484	8.85	0.09	-81.11	192.04	8.650055718	**2.285070238**		349.82	297.519	8.46	0.18	-81.07	192.08	8.648254373	**2.200743209**
274.86	249.51	8.94	0.09	-83.25	189.9	8.747533965	**2.176290207**		349.86	297.544	8.6	0.14	-83.02	190.13	8.736952085	**1.579886531**
274.9	249.536	8.97	0.03	-85.31	187.84	8.843466248	**1.420652784**		349.9	297.569	8.67	0.07	-84.94	188.21	8.826080973	**1.78418211**
274.94	249.562	9.03	0.06	-85.86	187.29	8.869436169	**1.794065802**		349.94	297.593	8.76	0.09	-85.95	187.2	8.873700321	**1.289579821**
274.98	249.588	9.03	0	-85.5	187.65	8.852420464	**1.986079421**		349.98	297.618	8.91	0.15	-86.37	186.78	8.893654031	**0.183624873**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
									350.02	297.643	8.94	0.03	-84.77	188.38	8.818116042	**1.37271271**
									350.06	297.667	8.85	-0.09	-82.32	190.83	8.704903317	**1.653061601**
									350.1	297.692	8.79	-0.06	-85.71	187.44	8.862338348	**0.819589415**
									350.14	297.717	8.63	-0.16	-88.85	184.3	9.013329897	**4.345323691**
									350.18	297.742	8.52	-0.11	-89.53	183.62	9.046708964	**5.99667206**
									350.22	297.766	8.52	0	-89.66	183.49	9.053118426	**6.067431097**
									350.26	297.791	8.74	0.22	-89.67	183.48	9.053611838	**3.524993584**
									350.3	297.816	8.94	0.2	-89.58	183.57	9.049173067	**1.213764158**
									350.34	297.84	9.12	0.18	-88.85	184.3	9.013329897	**1.176508713**
									350.38	297.865	9.05	-0.07	-85.18	187.97	8.837350109	**2.37765672**
									350.42	297.89	9.03	-0.02	-82.2	190.95	8.699432836	**3.729021309**
									350.46	297.914	8.96	-0.07	-78.47	194.68	8.532754777	**4.884824928**
									350.5	297.939	8.88	-0.08	-73.75	199.4	8.330775827	**6.382329048**
									350.54	297.964	8.74	-0.14	-70.23	202.92	8.186264045	**6.542919968**
									350.58	297.988	8.59	-0.15	-68.46	204.69	8.115475597	**5.681064271**
									350.62	298.013	8.46	-0.13	-68.25	204.9	8.107158126	**4.25953409**
									350.66	298.038	8.34	-0.12	-69.4	203.75	8.152916319	**2.268654947**
									350.7	298.062	8.22	-0.12	-72.21	200.94	8.266928934	**0.569286544**
									350.74	298.087	8.16	-0.06	-75.58	197.57	8.407939971	**2.993009041**
									350.78	298.112	8.31	0.15	-80.3	192.85	8.613724138	**3.589329812**
									350.82	298.136	8.46	0.15	-81.35	191.8	8.660879562	**2.346603296**
									350.86	298.161	8.58	0.12	-83.23	189.92	8.746612784	**1.923200875**
									350.9	298.186	8.67	0.09	-84.83	188.32	8.820925552	**1.725758329**
									350.94	298.21	8.76	0.09	-85.89	187.26	8.870857097	**1.257534974**
									350.98	298.235	8.85	0.09	-86.39	186.76	8.894606447	**0.502760621**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac		VL-1 SOL	LS	MEASURED PRESSURE (Mbar)	Δ PRESS. (Mbar)	° CELSIUS Temp.	KELVIN Temp.	PREDICTED PRESSURE (Mbar)	% Difference from Gay-Lussac
		YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**				YELLOW = PRESSURE STUCK AT LEAST 4 TIME-BINS		BLUE = P STUCK WHEN TEMP BELOW -75° C			**RED FONT = % DIFFERENCE <2%**
COLUMN AVERAGES Sols 200.02 to 274.98		**8.319131**	.000742	**-69.4**	203.75	**8.192676**	**5.845415**		**COLUMN AVERAGES Sols 275.02 to 350.98**		**8.846781**	-9.009E-5	**-78.8238**	194.3262	**8.574393**	**4.804529**
									FINAL PERCENT DIFFERENCE SOLS 200 TO 350 (3,775 TESTS) = 5.325%							

FINAL PERCENT DIFFERENCE BASED ON 8,325 PRESSURE COMPARISONS BETWEEN MEASURED PRESSURES AND PREDICTED PRESSURES (WITH NO CORRECTION FOR STUCK PRESSURES) FOR VL1 SOLS 1.02 TO 350.98 (WITH NO DATA FOR SOLS 117 TO 133) = 8.448%. Stuck pressures had more impact early in the comparisons when the daily temperature range was much greater. Between Sols and 275.54 and 350.98 the average temperature was -78.8238° C, so when pressures were stuck at -75° C or colder, the percent differences tended to be small.