

**Model:** Procool Freezers

**Page:** <https://www.procoolmfg.com/products/freezer/can/>

**Remarks:** Gas R600a, Ambient temperature 32°C; inside temperature down to -18°C, with lowest at -24.12°C.  
Datats are scanned and recored every 30 seconds.

Since 12:23,controller manual at 5, the compressor will stop at -20°C and then restart at -17°C. On-off ratio is in normal range.

Event	Date	Time	Current (A)	Voltage (V)	Power (W)	Consumption (Kwh)	Controller	Ambient °C	Inside(Up) °C	Inside(Down) °C
ON	2018/11/7	10:46:18	0.82	210.4	131	2220.99	Manual at 7	31.644	31.28	30.642
	2018/11/7	10:46:48	0.79	210.6	120.5	2220.99	Manual at 7	31.628	31.099	30.69
	2018/11/7	10:47:18	0.77	208.7	115	2220.99	Manual at 7	31.647	30.953	30.56
	2018/11/7	10:47:48	0.75	208.7	111.3	2220.99	Manual at 7	31.765	30.701	30.276
	2018/11/7	10:48:18	0.76	210.7	113.2	2220.99	Manual at 7	31.775	30.465	30.249
	2018/11/7	10:48:48	0.76	210.7	112.5	2220.99	Manual at 7	31.772	30.226	29.94
	2018/11/7	10:49:18	0.76	209.4	112.9	2220.99	Manual at 7	31.759	29.883	29.563
	2018/11/7	10:49:48	0.76	208.8	113.3	2220.99	Manual at 7	31.743	29.405	28.824
	2018/11/7	10:50:18	0.76	208.6	114.4	2220.99	Manual at 7	31.793	28.992	28.265
	2018/11/7	10:50:48	0.77	210.2	115.4	2221	Manual at 7	31.793	28.535	27.933
	2018/11/7	10:51:18	0.77	208.9	115	2221	Manual at 7	31.748	28.12	27.479
	2018/11/7	10:51:48	0.76	208.5	114.6	2221	Manual at 7	31.671	27.807	27.005
	2018/11/7	10:52:18	0.77	211.1	115	2221	Manual at 7	31.661	27.211	26.548
	2018/11/7	10:52:48	0.77	211	115.4	2221	Manual at 7	31.78	26.48	25.501
	2018/11/7	10:53:18	0.77	210.3	114.8	2221	Manual at 7	31.767	25.948	25.245
	2018/11/7	10:53:48	0.76	209.3	115.1	2221	Manual at 7	31.727	25.515	24.793
	2018/11/7	10:54:18	0.77	208.9	115.4	2221	Manual at 7	31.722	25.271	24.32
	2018/11/7	10:54:48	0.77	209.2	115.5	2221	Manual at 7	31.815	24.388	23.421
	2018/11/7	10:55:18	0.77	210.6	115.6	2221	Manual at 7	31.895	23.799	22.888
	2018/11/7	10:55:48	0.76	209.8	114.4	2221.01	Manual at 7	31.892	23.098	22.314
	2018/11/7	10:56:18	0.77	208.5	114.6	2221.01	Manual at 7	31.739	22.716	21.922
	2018/11/7	10:56:48	0.76	207.5	114.7	2221.01	Manual at 7	31.641	22.402	21.376
	2018/11/7	10:57:18	0.77	208.6	115.3	2221.01	Manual at 7	31.662	21.899	21.067

2018/11/7	10:57:48	0.77	210.3	115.5	2221.01	Manual at 7	31.806	20.855	19.682
2018/11/7	10:58:18	0.77	210.5	115.6	2221.01	Manual at 7	31.891	20.12	19.149
2018/11/7	10:58:48	0.77	209	115	2221.01	Manual at 7	31.755	19.839	18.884
2018/11/7	10:59:18	0.77	207.6	114.8	2221.01	Manual at 7	31.654	19.058	18.081
2018/11/7	10:59:48	0.77	208.6	115.4	2221.01	Manual at 7	31.676	18.41	17.622
2018/11/7	11:00:18	0.77	210.4	115.2	2221.01	Manual at 7	31.785	17.818	16.967
2018/11/7	11:00:48	0.77	210.4	115.5	2221.02	Manual at 7	31.732	17.46	16.298
2018/11/7	11:01:18	0.77	210.8	114.7	2221.02	Manual at 7	31.655	16.87	15.754
2018/11/7	11:01:48	0.76	208.2	114.5	2221.02	Manual at 7	31.729	16.207	14.754
2018/11/7	11:02:18	0.77	208	114.8	2221.02	Manual at 7	31.818	15.341	13.862
2018/11/7	11:02:48	0.77	208.8	115.5	2221.02	Manual at 7	31.847	14.773	13.22
2018/11/7	11:03:18	0.77	210.1	115	2221.02	Manual at 7	31.709	14.445	12.955
2018/11/7	11:03:48	0.77	210.8	115.3	2221.02	Manual at 7	31.746	13.754	12.032
2018/11/7	11:04:18	0.77	210.1	114.6	2221.02	Manual at 7	31.863	13.011	11.116
2018/11/7	11:04:48	0.76	208	114.4	2221.02	Manual at 7	31.85	12.292	10.706
2018/11/7	11:05:18	0.76	208.2	114.1	2221.02	Manual at 7	31.834	11.828	10.214
2018/11/7	11:05:48	0.77	209.6	114.8	2221.03	Manual at 7	31.789	11.29	9.726
2018/11/7	11:06:18	0.77	209.4	114.3	2221.03	Manual at 7	31.667	10.943	9.226
2018/11/7	11:06:48	0.76	207.6	113.6	2221.03	Manual at 7	31.613	10.394	8.416
2018/11/7	11:07:18	0.76	207.1	113.7	2221.03	Manual at 7	31.616	10.057	7.624
2018/11/7	11:07:48	0.76	207.7	113.7	2221.03	Manual at 7	31.64	9.524	7.172
2018/11/7	11:08:18	0.77	209.1	114.1	2221.03	Manual at 7	31.669	8.795	6.214
2018/11/7	11:08:48	0.76	210.3	114.2	2221.03	Manual at 7	31.829	8.144	5.165
2018/11/7	11:09:18	0.76	209.8	113.4	2221.03	Manual at 7	31.933	7.634	4.763
2018/11/7	11:09:48	0.76	208.3	113.3	2221.03	Manual at 7	31.858	7.114	4.746
2018/11/7	11:10:18	0.76	208.1	113	2221.03	Manual at 7	31.886	6.326	3.843
2018/11/7	11:10:48	0.76	207.9	113.2	2221.03	Manual at 7	31.974	5.661	2.883
2018/11/7	11:11:18	0.76	209.6	113	2221.04	Manual at 7	31.926	5.083	2.067
2018/11/7	11:11:48	0.76	209.7	113	2221.04	Manual at 7	31.923	4.503	1.517
2018/11/7	11:12:18	0.76	209.1	112.4	2221.04	Manual at 7	31.751	4.224	1.336
2018/11/7	11:12:48	0.76	207.8	112.3	2221.04	Manual at 7	31.729	3.623	0.665
2018/11/7	11:13:18	0.76	207.6	112.3	2221.04	Manual at 7	31.801	3.046	0.169

2018/11/7	11:13:48	0.76	208.8	113.2	2221.04	Manual at 7	31.846	2.504	-0.605
2018/11/7	11:14:18	0.76	210.2	112.4	2221.04	Manual at 7	31.735	2.074	-0.936
2018/11/7	11:14:48	0.76	209.1	111.7	2221.04	Manual at 7	31.734	1.713	-1.194
2018/11/7	11:15:18	0.75	208.6	111.3	2221.04	Manual at 7	31.69	1.459	-1.324
2018/11/7	11:15:48	0.75	207.9	111.4	2221.04	Manual at 7	31.768	0.775	-2.464
2018/11/7	11:16:18	0.75	208.3	111.7	2221.05	Manual at 7	31.731	0.432	-2.552
2018/11/7	11:16:48	0.76	209.6	111.8	2221.05	Manual at 7	31.808	-0.026	-3.374
2018/11/7	11:17:18	0.76	210.3	111.4	2221.05	Manual at 7	31.88	-0.613	-3.683
2018/11/7	11:17:48	0.76	210.3	110.9	2221.05	Manual at 7	31.867	-0.973	-4.271
2018/11/7	11:18:18	0.75	209.2	111	2221.05	Manual at 7	31.811	-1.316	-4.603
2018/11/7	11:18:48	0.75	208.8	110.7	2221.05	Manual at 7	31.901	-1.902	-5.208
2018/11/7	11:19:18	0.76	209.1	111.2	2221.05	Manual at 7	31.994	-2.386	-5.677
2018/11/7	11:19:48	0.76	211.3	111.1	2221.05	Manual at 7	32.029	-2.983	-6.096
2018/11/7	11:20:18	0.76	211.3	111	2221.05	Manual at 7	31.965	-3.459	-6.196
2018/11/7	11:20:48	0.76	212.2	111.1	2221.05	Manual at 7	31.864	-3.76	-6.314
2018/11/7	11:21:18	0.75	208.7	109.7	2221.05	Manual at 7	31.798	-4.004	-6.654
2018/11/7	11:21:48	0.75	207.2	109.5	2221.06	Manual at 7	31.891	-4.467	-7.233
2018/11/7	11:22:18	0.75	207.3	109.5	2221.06	Manual at 7	31.896	-5.008	-7.723
2018/11/7	11:22:48	0.75	209.3	110.2	2221.06	Manual at 7	31.883	-5.378	-8.118
2018/11/7	11:23:18	0.75	210.5	109.8	2221.06	Manual at 7	31.886	-5.776	-8.35
2018/11/7	11:23:48	0.75	209.4	109.3	2221.06	Manual at 7	31.864	-6.118	-8.731
2018/11/7	11:24:18	0.75	208.1	109	2221.06	Manual at 7	31.876	-6.514	-9.045
2018/11/7	11:24:48	0.74	207.3	108.7	2221.06	Manual at 7	31.799	-6.838	-9.142
2018/11/7	11:25:18	0.74	207.3	108.8	2221.06	Manual at 7	31.77	-7.038	-9.661
2018/11/7	11:25:48	0.74	209.3	109.1	2221.06	Manual at 7	31.807	-7.468	-9.97
2018/11/7	11:26:18	0.75	210	108.9	2221.06	Manual at 7	31.765	-7.551	-10.136
2018/11/7	11:26:48	0.74	210.7	108.5	2221.06	Manual at 7	31.874	-7.964	-10.668
2018/11/7	11:27:18	0.74	209.8	108.5	2221.07	Manual at 7	31.99	-8.419	-11.131
2018/11/7	11:27:48	0.75	209.9	108.8	2221.07	Manual at 7	31.983	-8.642	-11.156
2018/11/7	11:28:18	0.75	210.5	109	2221.07	Manual at 7	31.97	-9.029	-11.622
2018/11/7	11:28:48	0.75	212.7	109	2221.07	Manual at 7	31.895	-9.078	-11.689
2018/11/7	11:29:18	0.75	213	109	2221.07	Manual at 7	31.786	-9.158	-11.965

2018/11/7	11:29:48	0.74	211.4	108	2221.07	Manual at 7	31.773	-9.356	-12.343
2018/11/7	11:30:18	0.74	211.1	108.1	2221.07	Manual at 7	31.89	-9.793	-13.187
2018/11/7	11:30:48	0.74	210.9	107.8	2221.07	Manual at 7	31.975	-10.192	-13.621
2018/11/7	11:31:18	0.75	212	108.5	2221.07	Manual at 7	31.895	-10.37	-13.484
2018/11/7	11:31:48	0.75	213.2	108.1	2221.07	Manual at 7	31.747	-10.608	-13.897
2018/11/7	11:32:18	0.75	210.6	107.8	2221.07	Manual at 7	31.693	-10.736	-14.136
2018/11/7	11:32:48	0.74	209.5	106.6	2221.07	Manual at 7	31.7	-11.151	-14.608
2018/11/7	11:33:18	0.74	208.5	106.7	2221.08	Manual at 7	31.812	-11.555	-15.155
2018/11/7	11:33:48	0.74	209.2	106.6	2221.08	Manual at 7	31.798	-11.762	-15.307
2018/11/7	11:34:18	0.74	210.9	106.9	2221.08	Manual at 7	31.757	-11.922	-15.486
2018/11/7	11:34:48	0.74	211.2	106.5	2221.08	Manual at 7	31.725	-12.194	-15.83
2018/11/7	11:35:18	0.74	211.5	106.3	2221.08	Manual at 7	31.674	-12.34	-16.004
2018/11/7	11:35:48	0.74	209.6	105.9	2221.08	Manual at 7	31.626	-12.442	-16.237
2018/11/7	11:36:18	0.74	208.8	105.7	2221.08	Manual at 7	31.608	-12.649	-16.519
2018/11/7	11:36:48	0.74	210.3	106.2	2221.08	Manual at 7	31.65	-12.931	-16.86
2018/11/7	11:37:18	0.74	210.2	105.6	2221.08	Manual at 7	31.772	-13.201	-17.248
2018/11/7	11:37:48	0.74	210.8	105.5	2221.08	Manual at 7	31.937	-13.699	-17.797
2018/11/7	11:38:18	0.74	211.1	105.6	2221.08	Manual at 7	31.856	-13.846	-17.665
2018/11/7	11:38:48	0.74	211	104.4	2221.09	Manual at 7	31.869	-14.128	-18.089
2018/11/7	11:39:18	0.73	209.4	104.5	2221.09	Manual at 7	31.779	-14.215	-18.015
2018/11/7	11:39:48	0.74	209.8	105.7	2221.09	Manual at 7	31.75	-14.285	-18.198
2018/11/7	11:40:18	0.74	211.8	105.7	2221.09	Manual at 7	31.824	-14.579	-18.593
2018/11/7	11:40:48	0.74	211.9	104.8	2221.09	Manual at 7	31.962	-15.036	-18.978
2018/11/7	11:41:18	0.74	212.8	104.9	2221.09	Manual at 7	31.899	-15.085	-18.961
2018/11/7	11:41:48	0.73	209.2	103.8	2221.09	Manual at 7	31.882	-15.216	-18.964
2018/11/7	11:42:18	0.73	209.1	104.1	2221.09	Manual at 7	31.859	-15.3	-19.102
2018/11/7	11:42:48	0.73	209.2	104.3	2221.09	Manual at 7	31.886	-15.524	-19.352
2018/11/7	11:43:18	0.73	211.5	104.4	2221.09	Manual at 7	31.926	-15.844	-19.598
2018/11/7	11:43:48	0.74	211.8	104.5	2221.09	Manual at 7	31.968	-16.091	-19.713
2018/11/7	11:44:18	0.73	212.6	103.8	2221.1	Manual at 7	31.841	-16.158	-19.601
2018/11/7	11:44:48	0.73	210.5	103.7	2221.1	Manual at 7	31.724	-16.123	-19.627
2018/11/7	11:45:18	0.73	210.6	103.5	2221.1	Manual at 7	31.729	-16.345	-19.799

2018/11/7	11:45:48	0.73	211.2	104.2	2221.1	Manual at 7	31.748	-16.385	-19.888
2018/11/7	11:46:18	0.73	212.2	104.3	2221.1	Manual at 7	31.716	-16.497	-20.013
2018/11/7	11:46:48	0.73	212.3	104.2	2221.1	Manual at 7	31.833	-16.904	-20.538
2018/11/7	11:47:18	0.73	213	103.3	2221.1	Manual at 7	31.939	-17.209	-20.79
2018/11/7	11:47:48	0.73	211.6	104	2221.1	Manual at 7	31.878	-17.283	-20.751
2018/11/7	11:48:18	0.73	211.2	103.6	2221.1	Manual at 7	31.774	-17.221	-20.52
2018/11/7	11:48:48	0.74	213.8	104.3	2221.1	Manual at 7	31.7	-17.313	-20.644
2018/11/7	11:49:18	0.73	212.3	103.2	2221.1	Manual at 7	31.764	-17.633	-21.057
2018/11/7	11:49:48	0.73	212.1	103.3	2221.1	Manual at 7	31.875	-17.897	-21.294
2018/11/7	11:50:18	0.73	211.4	102.3	2221.11	Manual at 7	31.915	-18.075	-21.407
2018/11/7	11:50:48	0.73	210.5	103.1	2221.11	Manual at 7	31.912	-18.238	-21.466
2018/11/7	11:51:18	0.73	210.7	103.1	2221.11	Manual at 7	31.907	-18.421	-21.543
2018/11/7	11:51:48	0.73	211.8	103.7	2221.11	Manual at 7	31.888	-18.369	-21.392
2018/11/7	11:52:18	0.73	212.2	103.2	2221.11	Manual at 7	31.818	-18.399	-21.372
2018/11/7	11:52:48	0.73	213.2	103.3	2221.11	Manual at 7	31.784	-18.586	-21.621
2018/11/7	11:53:18	0.73	213.1	102.6	2221.11	Manual at 7	31.776	-18.61	-21.559
2018/11/7	11:53:48	0.72	211.6	103.3	2221.11	Manual at 7	31.803	-18.782	-21.775
2018/11/7	11:54:18	0.73	211.9	103	2221.11	Manual at 7	31.864	-18.966	-21.959
2018/11/7	11:54:48	0.73	212.8	103.2	2221.11	Manual at 7	31.938	-19.04	-22.122
2018/11/7	11:55:18	0.73	215.3	103.6	2221.11	Manual at 7	31.965	-19.17	-22.196
2018/11/7	11:55:48	0.73	215.8	103.5	2221.12	Manual at 7	31.88	-19.111	-21.944
2018/11/7	11:56:18	0.73	214.8	103.2	2221.12	Manual at 7	31.864	-19.093	-22.03
2018/11/7	11:56:48	0.73	214.2	103.1	2221.12	Manual at 7	31.813	-19.072	-21.891
2018/11/7	11:57:18	0.73	215.8	103.8	2221.12	Manual at 7	31.826	-19.319	-22.184
2018/11/7	11:57:48	0.74	220.1	105.1	2221.12	Manual at 7	31.912	-19.286	-22.158
2018/11/7	11:58:18	0.75	222.4	105.3	2221.12	Manual at 7	31.967	-19.577	-22.487
2018/11/7	11:58:48	0.74	221	104.2	2221.12	Manual at 7	31.88	-19.411	-22.238
2018/11/7	11:59:18	0.74	221.1	104.7	2221.12	Manual at 7	31.994	-19.734	-22.712
2018/11/7	11:59:48	0.73	219.6	104.5	2221.12	Manual at 7	31.959	-19.654	-22.434
2018/11/7	12:00:18	0.73	219.7	105.1	2221.12	Manual at 7	31.957	-19.71	-22.597
2018/11/7	12:00:48	0.73	221.4	104.7	2221.12	Manual at 7	31.832	-19.716	-22.404
2018/11/7	12:01:18	0.73	222.3	104.6	2221.13	Manual at 7	31.724	-19.631	-22.388

2018/11/7	12:01:48	0.73	221.9	103.8	2221.13	Manual at 7	31.783	-19.712	-22.547
2018/11/7	12:02:18	0.73	220.6	104.3	2221.13	Manual at 7	31.903	-20.034	-23.007
2018/11/7	12:02:48	0.73	220.2	104.4	2221.13	Manual at 7	31.972	-20.256	-23.051
2018/11/7	12:03:18	0.73	221.7	104.3	2221.13	Manual at 7	31.81	-20.037	-22.624
2018/11/7	12:03:48	0.73	221.1	104.2	2221.13	Manual at 7	31.674	-20.129	-22.764
2018/11/7	12:04:18	0.73	221	103.7	2221.13	Manual at 7	31.78	-20.36	-23.117
2018/11/7	12:04:48	0.72	220	103.5	2221.13	Manual at 7	31.717	-20.28	-22.87
2018/11/7	12:05:18	0.72	219.1	103.5	2221.13	Manual at 7	31.645	-20.328	-22.942
2018/11/7	12:05:48	0.73	219.2	104	2221.13	Manual at 7	31.666	-20.408	-23.063
2018/11/7	12:06:18	0.73	220.9	104.2	2221.13	Manual at 7	31.621	-20.224	-22.85
2018/11/7	12:06:48	0.73	221.3	104.1	2221.13	Manual at 7	31.6	-20.168	-22.909
2018/11/7	12:07:18	0.73	221.3	103.3	2221.14	Manual at 7	31.65	-20.191	-23.007
2018/11/7	12:07:48	0.72	219.3	103.1	2221.14	Manual at 7	31.687	-20.423	-23.12
2018/11/7	12:08:18	0.72	218.9	103.4	2221.14	Manual at 7	31.682	-20.429	-23.105
2018/11/7	12:08:48	0.72	218.8	103.1	2221.14	Manual at 7	31.804	-20.74	-23.502
2018/11/7	12:09:18	0.73	219.8	103.8	2221.14	Manual at 7	31.852	-20.948	-23.602
2018/11/7	12:09:48	0.73	221.1	103.7	2221.14	Manual at 7	31.828	-21.028	-23.629
2018/11/7	12:10:18	0.73	221.5	103.6	2221.14	Manual at 7	31.864	-21.071	-23.604
2018/11/7	12:10:48	0.73	220.8	103.1	2221.14	Manual at 7	31.863	-21.098	-23.586
2018/11/7	12:11:18	0.72	218.1	103.1	2221.14	Manual at 7	31.776	-20.876	-23.285
2018/11/7	12:11:48	0.72	218.3	103.3	2221.14	Manual at 7	31.734	-20.996	-23.494
2018/11/7	12:12:18	0.73	220	103.7	2221.14	Manual at 7	31.695	-20.877	-23.34
2018/11/7	12:12:48	0.73	220.8	103.6	2221.15	Manual at 7	31.623	-20.854	-23.236
2018/11/7	12:13:18	0.73	220.9	103.6	2221.15	Manual at 7	31.71	-20.999	-23.557
2018/11/7	12:13:48	0.72	219.7	103	2221.15	Manual at 7	31.793	-21.198	-23.739
2018/11/7	12:14:18	0.72	218.8	103	2221.15	Manual at 7	31.681	-20.99	-23.337
2018/11/7	12:14:48	0.73	219.5	103.7	2221.15	Manual at 7	31.695	-21.198	-23.727
2018/11/7	12:15:18	0.73	220.3	103.1	2221.15	Manual at 7	31.657	-21.04	-23.393
2018/11/7	12:15:48	0.73	221	104.7	2221.15	Manual at 7	31.673	-21.248	-23.815
2018/11/7	12:16:18	0.73	220.7	103.2	2221.15	Manual at 7	31.716	-21.322	-23.763
2018/11/7	12:16:48	0.72	219	103.1	2221.15	Manual at 7	31.667	-21.19	-23.728
2018/11/7	12:17:18	0.72	219.1	102.9	2221.15	Manual at 7	31.704	-21.199	-23.741

2018/11/7	12:17:48	0.73	219.9	103.8	2221.15	Manual at 7	31.852	-21.416	-23.95
2018/11/7	12:18:18	0.73	221.5	104.1	2221.15	Manual at 7	31.723	-21.178	-23.501
2018/11/7	12:18:48	0.73	220.4	103.6	2221.16	Manual at 7	31.667	-21.273	-23.631
2018/11/7	12:19:18	0.72	219.8	102.5	2221.16	Manual at 7	31.781	-21.462	-23.931
2018/11/7	12:19:48	0.72	218.4	103.3	2221.16	Manual at 7	31.704	-21.308	-23.619
2018/11/7	12:20:18	0.72	218.1	103.2	2221.16	Manual at 7	31.651	-21.276	-23.661
2018/11/7	12:20:48	0.73	219.9	104.3	2221.16	Manual at 7	31.619	-21.201	-23.616
2018/11/7	12:21:18	0.73	220.4	103.2	2221.16	Manual at 7	31.585	-21.113	-23.616
2018/11/7	12:21:48	0.72	220.1	103.1	2221.16	Manual at 7	31.511	-21.041	-24.073
2018/11/7	12:22:18	0.72	218.7	103.2	2221.16	Manual at 7	31.654	-21.522	-24.121
2018/11/7	12:22:48	0.72	217.7	102.5	2221.16	Manual at 7	31.703	-21.513	-24.03
2018/11/7	12:23:18	0.72	217.7	103.2	2221.16	Manual at 7	31.654	-21.522	-23.931
2018/11/7	12:23:48	0.19	219.6	22.8	2221.16	Manual at 5	31.635	-21.483	-24.055
2018/11/7	12:24:18	0.19	220.1	22.8	2221.16	Manual at 5	31.698	-20.865	-23.926
2018/11/7	12:24:48	0.19	220.2	22.7	2221.16	Manual at 5	31.684	-19.886	-23.775
2018/11/7	12:25:18	0.2	219.7	22.6	2221.16	Manual at 5	31.716	-18.757	-23.648
2018/11/7	12:25:48	0.19	218.3	22.7	2221.16	Manual at 5	31.781	-17.857	-23.577
2018/11/7	12:26:18	0.81	217.5	130.7	2221.17	Manual at 5	31.73	-16.882	-23.202
2018/11/7	12:26:48	0.76	218.5	114.2	2221.17	Manual at 5	31.783	-16.532	-23.253
2018/11/7	12:27:18	0.75	219.8	110.4	2221.17	Manual at 5	31.778	-17.214	-22.98
2018/11/7	12:27:48	0.75	219.4	109.7	2221.17	Manual at 5	31.765	-17.881	-22.811
2018/11/7	12:28:18	0.74	219	108.4	2221.17	Manual at 5	31.852	-18.51	-23.004
2018/11/7	12:28:48	0.73	217.2	107.4	2221.17	Manual at 5	31.913	-18.8	-22.87
2018/11/7	12:29:18	0.74	218.6	107.7	2221.17	Manual at 5	31.765	-18.649	-22.221
2018/11/7	12:29:48	0.74	220.1	107.4	2221.17	Manual at 5	31.766	-18.906	-22.338
2018/11/7	12:30:18	0.74	220.6	106.6	2221.17	Manual at 5	31.87	-19.143	-22.341
2018/11/7	12:30:48	0.73	220.3	105.9	2221.17	Manual at 5	31.75	-18.989	-21.849
2018/11/7	12:31:18	0.73	218.9	105.6	2221.18	Manual at 5	31.614	-18.92	-21.742
2018/11/7	12:31:48	0.73	218.6	105.5	2221.18	Manual at 5	31.739	-19.232	-22.136
2018/11/7	12:32:18	0.73	218.2	105.6	2221.18	Manual at 5	31.803	-19.297	-22.053
2018/11/7	12:32:48	0.73	219.4	105.3	2221.18	Manual at 5	31.8	-19.57	-22.178
2018/11/7	12:33:18	0.73	219.4	104.7	2221.18	Manual at 5	31.836	-19.716	-22.192

Lowest down to -24.12°C

2018/11/7	12:33:48	0.73	219.2	103.7	2221.18	Manual at 5	31.867	-19.647	-22.056
2018/11/7	12:34:18	0.73	217.3	104	2221.18	Manual at 5	31.862	-19.747	-22.136
2018/11/7	12:34:48	0.73	217.7	104.5	2221.18	Manual at 5	31.878	-19.816	-22.145
2018/11/7	12:35:18	0.73	218.4	104.7	2221.18	Manual at 5	31.849	-19.848	-22.151
2018/11/7	12:35:48	0.73	219.3	104.1	2221.18	Manual at 5	31.828	-19.836	-22.085
2018/11/7	12:36:18	0.73	219.6	104.1	2221.18	Manual at 5	31.758	-19.78	-22.005
2018/11/7	12:36:48	0.72	218	103.4	2221.18	Manual at 5	31.647	-19.81	-22.13
2018/11/7	12:37:18	0.72	217.4	103.8	2221.18	Manual at 5	31.639	-19.727	-22.151
2018/11/7	12:37:48	0.72	216.6	103	2221.19	Manual at 5	31.742	-19.999	-22.539
2018/11/7	12:38:18	0.73	217	104.8	2221.19	Manual at 5	31.78	-20.171	-22.667
2018/11/7	12:38:48	0.73	218.5	103.8	2221.19	Manual at 5	31.649	-19.988	-22.418
2018/11/7	12:39:18	0.73	218.9	103.6	2221.19	Manual at 5	31.74	-20.148	-22.824
2018/11/7	12:39:48	0.73	218.8	103.6	2221.19	Manual at 5	31.729	-20.216	-22.77
2018/11/7	12:40:18	0.72	217.1	103	2221.19	Manual at 5	31.745	-20.385	-22.993
2018/11/7	12:40:48	0.72	216.5	103.2	2221.19	Manual at 5	31.782	-20.498	-23.025
2018/11/7	12:41:18	0.2	216.8	22.8	2221.19	Manual at 5	31.762	-20.331	-22.746
2018/11/7	12:41:48	0.2	218.7	22.8	2221.19	Manual at 5	31.748	-20.278	-22.823
2018/11/7	12:42:18	0.19	220	22.8	2221.19	Manual at 5	31.735	-19.483	-22.601
2018/11/7	12:42:48	0.19	219.4	22.7	2221.19	Manual at 5	31.727	-18.492	-22.548
2018/11/7	12:43:18	0.78	216.7	122.3	2221.19	Manual at 5	31.706	-17.567	-22.459
2018/11/7	12:43:48	0.79	217.4	125.4	2221.19	Manual at 5	31.645	-16.485	-22.1
2018/11/7	12:44:18	0.75	218	111.3	2221.19	Manual at 5	31.671	-16.577	-22.112
2018/11/7	12:44:48	0.76	219.4	113	2221.2	Manual at 5	31.783	-17.544	-22.18
2018/11/7	12:45:18	0.74	218.6	109.7	2221.2	Manual at 5	31.792	-17.987	-22.113
2018/11/7	12:45:48	0.74	217.1	107.4	2221.2	Manual at 5	31.867	-18.325	-22.089
2018/11/7	12:46:18	0.73	216.3	106.8	2221.2	Manual at 5	31.803	-18.515	-21.757
2018/11/7	12:46:48	0.73	216.5	106.6	2221.2	Manual at 5	31.75	-18.687	-21.647
2018/11/7	12:47:18	0.73	217.8	106.5	2221.2	Manual at 5	31.755	-18.79	-21.642
2018/11/7	12:47:48	0.73	218.4	106	2221.2	Manual at 5	31.792	-18.9	-21.701
2018/11/7	12:48:18	0.73	217.8	105.7	2221.2	Manual at 5	31.726	-18.82	-21.387
2018/11/7	12:48:48	0.73	216.4	104.6	2221.2	Manual at 5	31.71	-19.031	-21.499
2018/11/7	12:49:18	0.73	215.5	104.6	2221.2	Manual at 5	31.854	-19.148	-21.656



2018/11/7	12:49:48	0.73	216.2	104.7	2221.2	Manual at 5	31.856	-19.021	-21.356
2018/11/7	12:50:18	0.73	217.5	104.8	2221.21	Manual at 5	31.87	-19.113	-21.528
2018/11/7	12:50:48	0.73	217.7	104.4	2221.21	Manual at 5	31.832	-19.104	-21.436
2018/11/7	12:51:18	0.73	216.7	104	2221.21	Manual at 5	31.75	-19.051	-21.371
2018/11/7	12:51:48	0.73	217.9	104.5	2221.21	Manual at 5	31.769	-19.327	-21.718
2018/11/7	12:52:18	0.73	217.3	104.4	2221.21	Manual at 5	31.83	-19.487	-21.914
2018/11/7	12:52:48	0.73	219.1	104.7	2221.21	Manual at 5	31.718	-19.356	-21.62
2018/11/7	12:53:18	0.73	219.7	104.7	2221.21	Manual at 5	31.636	-19.35	-21.757
2018/11/7	12:53:48	0.74	220	104.6	2221.21	Manual at 5	31.731	-19.54	-22.151
2018/11/7	12:54:18	0.73	218.4	104.1	2221.21	Manual at 5	31.686	-19.38	-21.905
2018/11/7	12:54:48	0.73	217.3	103.7	2221.21	Manual at 5	31.624	-19.463	-22.058
2018/11/7	12:55:18	0.73	217.3	104.2	2221.21	Manual at 5	31.701	-19.536	-22.262
2018/11/7	12:55:48	0.73	218.8	104.4	2221.22	Manual at 5	31.823	-19.844	-22.612
2018/11/7	12:56:18	0.73	219.3	104.1	2221.22	Manual at 5	31.765	-19.862	-22.431
2018/11/7	12:56:48	0.73	218.1	103.5	2221.22	Manual at 5	31.611	-19.823	-22.325
2018/11/7	12:57:18	0.72	216.1	103.1	2221.22	Manual at 5	31.779	-19.926	-22.679
2018/11/7	12:57:48	0.72	215.8	102.3	2221.22	Manual at 5	31.811	-20.024	-22.632
2018/11/7	12:58:18	0.73	216.4	103.2	2221.22	Manual at 5	31.683	-19.781	-22.372
2018/11/7	12:58:48	0.73	216.9	103.6	2221.22	Manual at 5	31.616	-19.752	-22.333
2018/11/7	12:59:18	0.73	217.6	103.3	2221.22	Manual at 5	31.619	-19.725	-22.389
2018/11/7	12:59:48	0.73	218.4	103.2	2221.22	Manual at 5	31.643	-19.793	-22.478
2018/11/7	13:00:18	0.72	217.8	102.4	2221.22	Manual at 5	31.829	-20.176	-22.956
2018/11/7	13:00:48	0.21	215.3	22.8	2221.22	Manual at 5	31.879	-20.28	-22.908
2018/11/7	13:01:18	0.21	215.7	22.8	2221.22	Manual at 5	31.824	-19.939	-22.885
2018/11/7	13:01:48	0.21	216.9	22.7	2221.22	Manual at 5	31.816	-19.114	-22.751
2018/11/7	13:02:18	0.2	217.7	22.7	2221.22	Manual at 5	31.77	-18.106	-22.615
2018/11/7	13:02:48	0.8	217.4	126.9	2221.22	Manual at 5	31.832	-17.193	-22.606
2018/11/7	13:03:18	0.75	216.7	111.3	2221.23	Manual at 5	31.754	-16.635	-22.125
2018/11/7	13:03:48	0.74	215.2	109.5	2221.23	Manual at 5	31.68	-17.193	-21.939
2018/11/7	13:04:18	0.74	215.4	109.2	2221.23	Manual at 5	31.646	-17.759	-21.781
2018/11/7	13:04:48	0.74	216.7	108.8	2221.23	Manual at 5	31.696	-18.079	-21.882
2018/11/7	13:05:18	0.74	219.1	107.9	2221.23	Manual at 5	31.797	-18.518	-21.939

2018/11/7	13:05:48	0.74	219.1	107	2221.23	Manual at 5	31.861	-18.72	-21.808
2018/11/7	13:06:18	0.74	217.8	107.3	2221.23	Manual at 5	31.834	-18.717	-21.615
2018/11/7	13:06:48	0.73	217.3	106	2221.23	Manual at 5	31.821	-18.948	-21.66
2018/11/7	13:07:18	0.74	217.6	106.6	2221.23	Manual at 5	31.72	-18.754	-21.224
2018/11/7	13:07:48	0.74	219.5	106.5	2221.23	Manual at 5	31.803	-18.912	-21.549
2018/11/7	13:08:18	0.74	219.6	105.7	2221.24	Manual at 5	31.927	-19.056	-21.637
2018/11/7	13:08:48	0.73	219	104.8	2221.24	Manual at 5	31.961	-19.272	-21.708
2018/11/7	13:09:18	0.73	217.7	104.6	2221.24	Manual at 5	31.948	-19.358	-21.72
2018/11/7	13:09:48	0.73	217.5	105.1	2221.24	Manual at 5	31.911	-19.373	-21.708
2018/11/7	13:10:18	0.74	219.1	105.4	2221.24	Manual at 5	31.913	-19.418	-21.794
2018/11/7	13:10:48	0.74	219.3	105.3	2221.24	Manual at 5	31.849	-19.332	-21.687
2018/11/7	13:11:18	0.73	219.4	104.8	2221.24	Manual at 5	31.852	-19.474	-21.848
2018/11/7	13:11:48	0.73	218.2	104	2221.24	Manual at 5	31.871	-19.696	-22.04
2018/11/7	13:12:18	0.73	216.7	104.4	2221.24	Manual at 5	31.843	-19.601	-21.953
2018/11/7	13:12:48	0.73	217	104.5	2221.24	Manual at 5	31.723	-19.481	-21.719
2018/11/7	13:13:18	0.74	219.2	104.2	2221.24	Manual at 5	31.726	-19.514	-21.944
2018/11/7	13:13:48	0.73	218.2	103.7	2221.24	Manual at 5	31.816	-19.81	-22.291
2018/11/7	13:14:18	0.73	218.2	103.6	2221.25	Manual at 5	31.909	-19.956	-22.398
2018/11/7	13:14:48	0.72	216.3	103.3	2221.25	Manual at 5	31.925	-20.077	-22.513
2018/11/7	13:15:18	0.72	215.8	103.4	2221.25	Manual at 5	31.782	-19.926	-22.202
2018/11/7	13:15:48	0.72	216	103.6	2221.25	Manual at 5	31.662	-19.934	-22.282
2018/11/7	13:16:18	0.73	217.7	103.8	2221.25	Manual at 5	31.766	-20.011	-22.483
2018/11/7	13:16:48	0.73	218	103.8	2221.25	Manual at 5	31.774	-19.929	-22.483
2018/11/7	13:17:18	0.72	217.1	102.6	2221.25	Manual at 5	31.755	-19.869	-22.456
2018/11/7	13:17:48	0.72	215.8	102.5	2221.25	Manual at 5	31.831	-20.043	-22.657
2018/11/7	13:18:18	0.72	216.2	103.3	2221.25	Manual at 5	31.89	-20.206	-22.814
2018/11/7	13:18:48	0.72	216.1	103.6	2221.25	Manual at 5	31.924	-20.393	-22.959
2018/11/7	13:19:18	0.73	217	103.4	2221.25	Manual at 5	31.77	-20.179	-22.576
2018/11/7	13:19:48	0.2	218.2	22.8	2221.26	Manual at 5	31.688	-20.206	-22.642
2018/11/7	13:20:18	0.2	217.6	22.7	2221.26	Manual at 5	31.68	-20.152	-22.716
2018/11/7	13:20:48	0.2	216.3	22.8	2221.26	Manual at 5	31.721	-19.614	-22.791
2018/11/7	13:21:18	0.21	216	22.7	2221.26	Manual at 5	31.771	-18.737	-22.747

2018/11/7	13:21:48	0.83	215.4	135.7	2221.26	Manual at 5	31.878	-17.772	-22.761
2018/11/7	13:22:18	0.78	217.4	121.2	2221.26	Manual at 5	31.764	-16.746	-22.168
2018/11/7	13:22:48	0.74	217	109.9	2221.26	Manual at 5	31.687	-17.007	-22.097
2018/11/7	13:23:18	0.75	217.1	110	2221.26	Manual at 5	31.626	-17.526	-21.818
2018/11/7	13:23:48	0.74	214.5	108.6	2221.26	Manual at 5	31.604	-17.837	-21.759
2018/11/7	13:24:18	0.74	214.4	107.3	2221.26	Manual at 5	31.767	-18.365	-21.996
2018/11/7	13:24:48	0.74	215.1	107.6	2221.26	Manual at 5	31.86	-18.665	-21.907
2018/11/7	13:25:18	0.73	210.8	106.9	2221.26	Manual at 5	31.84	-18.711	-21.766
2018/11/7	13:25:48	0.74	217.1	106	2221.26	Manual at 5	31.768	-18.749	-21.437
2018/11/7	13:26:18	0.73	215.6	105.5	2221.26	Manual at 5	31.806	-18.761	-21.522
2018/11/7	13:26:48	0.72	213.8	104.5	2221.27	Manual at 5	31.745	-18.68	-21.229
2018/11/7	13:27:18	0.72	213.6	104.6	2221.27	Manual at 5	31.689	-18.704	-21.229
2018/11/7	13:27:48	0.73	213.4	104.1	2221.27	Manual at 5	31.798	-18.876	-21.469
2018/11/7	13:28:18	0.72	211.8	104	2221.27	Manual at 5	31.816	-18.935	-21.481
2018/11/7	13:28:48	0.72	212.2	104.2	2221.27	Manual at 5	31.713	-19.001	-21.41
2018/11/7	13:29:18	0.72	213.5	104	2221.27	Manual at 5	31.622	-19.06	-21.46
2018/11/7	13:29:48	0.73	211.7	103.6	2221.27	Manual at 5	31.763	-19.362	-21.917
2018/11/7	13:30:18	0.72	211.4	103	2221.27	Manual at 5	31.721	-19.226	-21.712
2018/11/7	13:30:48	0.73	213.7	103.8	2221.27	Manual at 5	31.739	-19.38	-22.024



