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TO: Randy Pancheco, APWS; Jim Griswold, NMOCD

FROM: Curtis Shuck, Chairman

DATE: October 13, 2022

RE: Double L Queen #01K (30-005-60078) Orphan Well Pre-Plugging Methane Monitoring

TECHNICAL MEMORANDUM

The Well Done Foundation, Inc. (WDF) performing contract professional services methane monitoring for A-Plus Well Services, Inc. (APWS) for the State of New Mexico Energy, Minerals and Natural Resources Department – Oil Conservation Division (OCD) under Purchase Order #10000002000038AA for Orphan Oil & Gas Wells at the Double L Queen Field in Chavez County, New Mexico.

The site conditions found at Double L Queen #01K by the WDF Measure 1 Team on August 29, 2022, at 6:45 P.M. revealed a leaking wellhead with high concentrations of methane gas present and leaking by the production valve at the 2-3/8" tubing and from the 4" casing. The WDF Team performed field gas measurements, collected gas samples and performed two Methane Emissions Flow Monitoring Tests using Ventbuster™ Instruments VB100-003 Ultra-Low Flow Meter with GPS for site location verification. The test selected was completed September 3, 2022, and was 16.1 hours in duration.

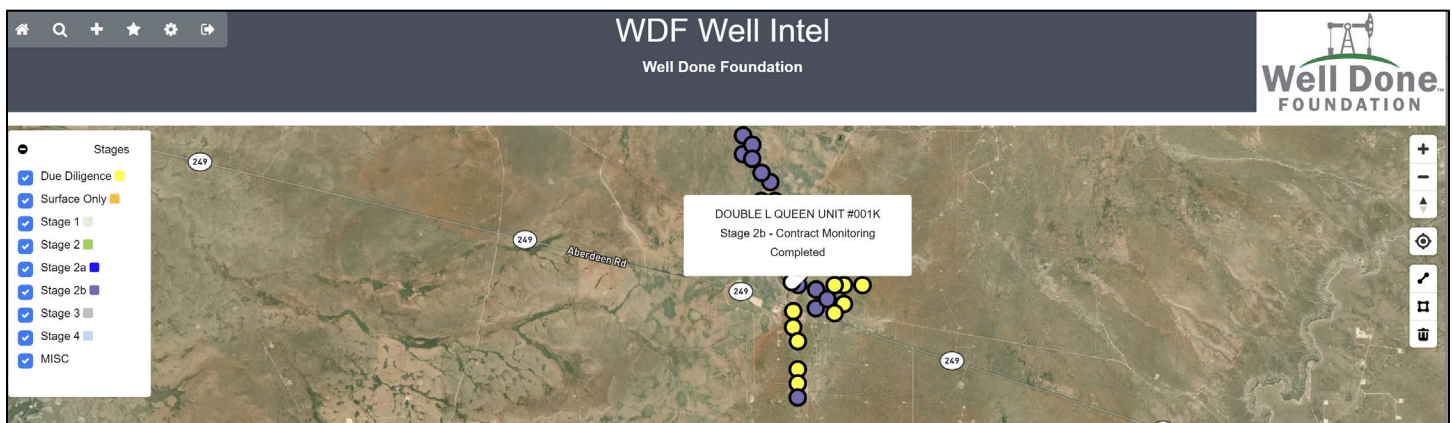


Image 1.1 – Double L Queen Field in Chavez County, NM

The findings from the Pre-Plugging Methane Flow Monitoring Test, using Ventbuster™ Instruments VB100-003 Ultra-Low Flow Meter with GPS, resulted in 1.17 cubic meters per day of total measured wellhead emissions over the 16.1-hour period. A composite gas sample was collected at the wellhead by WDF during the initial flow test beginning on August 29, 2022, and at the end of the flow test #2 on September 3, 2022, approximately 16.1-hours later. Methane gas concentration levels were measured at 220,038 ppm, pursuant to Test ID 2022057681 performed by Laboratory Services of Hobbs, NM on September 7, 2022, at 7:14 A.M. Therefore, the adjusted average methane gas emission measured at this wellhead is calculated at **5.84 grams per hour (g/hour)**.¹ The peak methane gas emission was recorded at 9:14 P.M. on September 2, 2022, and would indicate that this orphan well has a much higher emission rate potential of **15.16 grams per hour (g/hour)**.

¹ Methane Calculation: 554 grams CH₄ per cubic meter (554 x 1.17 = 636.48 g/day total /24 = 26.52 g/hour x 0.220038 (methane concentration) = **5.84 g/hour CH₄**). **Methane, gas** weighs 0.000554 gram per cubic centimeter or 0.554 kilogram per cubic meter, i.e. density of methane, gas is equal to 0.554 kg/m³; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.0346 pound per cubic foot [lb/ft³], or 0.0003202 ounce per cubic inch [oz/inch³].

This orphan well does exceed the >1 g/hour federal program reporting requirements for methane emissions reductions as described in Section 40601 (Orphaned well site plugging, remediation, and restoration) of Title V (Methane Reduction Infrastructure) of the 2021 Bipartisan Infrastructure Law (BIL; Public Law 117-58)².

			
Test Report			
Start Date: Friday, September 2nd, 2022, 7:06 PM MDT End Date: Saturday, September 3rd, 2022, 11:12 AM MDT Device: VB100-0003 Well Licensee: NMOCD Well Name: Double L Queen 01K UWI: 30-005-60078 Well License Number: 30 -005-60078 Surface Location: Bogle Bottom Hole Location: unknown	Test Operator: ces Authorized By: NMOCD Test Reason: IJJA PRE PLUG Scope Of Work: 12-Hour AFE Number: NMOCD038AA / APWS22.001 GPS: 33.05145,-103.97415 Notes: GTG		
Flow Test			
Average Flowrate 1.17 m3/d 5.84 g/ hour	Average Flow Temperature 23.9 °C	Average Flow Pressure -0.0 kPag	Flow Duration 16.1 hours

Image 2.1 – Double L Queen #01K (30-005-60078) Methane Monitoring Dashboard

BACKGROUND

The Double L Queen #01K (30-005-60078) Orphan Well is located in Chavez County, NM at Latitude 33.0514488, Longitude -103.9741211 was measured and monitored by the WDF Field Team on 8/29/2022 - 9/3/2022 following a Safety Briefing. Per the WDF protocol, the well was photographed from four (4) compass point aspects and closeups capturing the wellhead, field gas analysis results and gas sampling and uploaded to the WDF Well Intel™ IoT site. A Field Gas Analysis was conducted to detect Methane and H₂s gas presence and concentration levels using a Honeywell BW Quattro Multi Gas Meter, serial number: QA121-012211.

² These April 11, 2022 Guidelines were developed to meet the federal program reporting requirements for methane emissions reductions as described in Section 40601 (Orphaned well site plugging, remediation, and restoration) of Title V (Methane Reduction Infrastructure) of the 2021 Bipartisan Infrastructure Law (BIL; Public Law 117-58).

WDF Well Intel

Well Site

Info
Well File
Images
Well Data
Regulatory
Field Notes
Access
Remove Well

Name	DOUBLE L QUEEN UNIT #001K			
Stage	Stage 2b - Contract Monitoring Completed			
GPS	33.0514488	✓	-103.9741211	✓
API	#30-005-60078			
Contract ID:	10000002000038AA			

Image 3.1 – WDF Well Intel™ Orphan Well Project Management IoT

The WDF Field Team collected Gas Sample #1 using a 1 Liter Tedlar/TO-Plus Gas Sampling Bag from the 2-3/8" production tubing which was flowing gas past the valve and at the 4" casing port at the beginning of the Flow Test at approximately 6:35 P.M MDT on 8.29.2022 as the well was being prepared for the initial Flow Measurement. Gas Sample #2 was collected in the same 1 Liter Tedlar Bag on 9.3.2022 before the Flow Test was concluded 11:12 A.M. MDT.

WDF rigged up the Ventbuster™ Instruments VB100-003 Continuous Ultra-Low Flow Meter with GPS for testing site confirmation for a minimum 12-Hour Methane Emission Test and began Test ID: a7152586, verifying a cellular signal, cloud link and GPS coordinates. WDF collected Gas Sample #2 in the same Tedlar/TO Plus Gas Sample Bag prior to the VB Test being concluded on 9.3.2022 to ensure the Methane Emission Flow was normalized. The collected Gas Sample was secured and placed in a storage cooler for transport to Laboratory Services, Inc. in Hobbs, NM.

WDF returned to location on 9.3.2022 (approximately 16.1 hours) to conclude the Pre-Plugging Methane Emission Flow Test and rig the VB100-003 down and secure the wellhead. A "Green Ribbon" was placed at the Wellhead indicating that WDF had concluded the Pre-Plugging Methane Flow testing.

TECHNICAL FINDINGS

Double L Queen #01k (30-005-60078):

- **Total C1 through C6 Gas Concentration: 279,850 ppm**
- **Total Measured Wellhead Gas Emissions: 1.17 m3/day**
- **Methane Gas Concentration: 20,038 ppm**
- **Calculated Average Wellhead Methane Gas Emissions: 5.84 g/hour**
- **Peak Methane Flow Measured at: 15.16 g/hour**

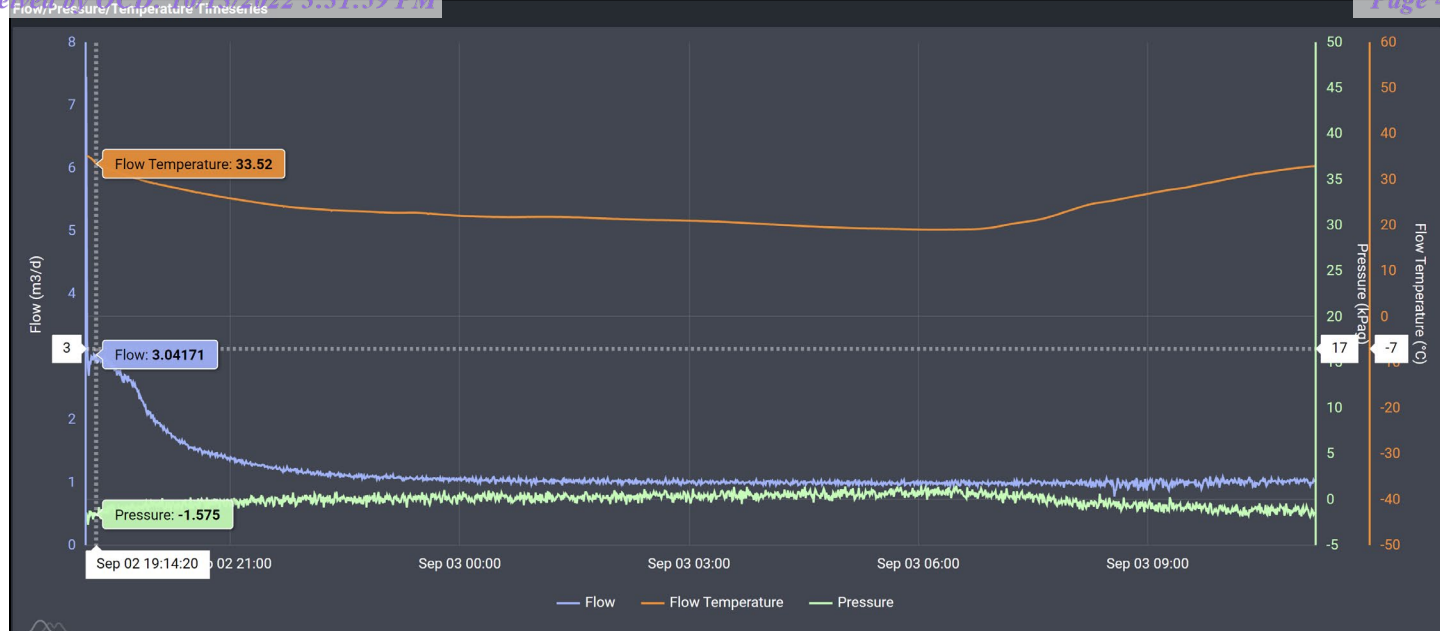


Image 4.1 – Double L Queen #02Z (30-005-60151) Methane Flow/Pressure/Temperature Timeseries & Peak Flow

CONCLUSIONS

- The Double L Queen #01K (30-005-60078) is currently emitting Methane at the average rate of 5.64 g/hour, which is above the Federal minimum threshold for reporting described in Section 40601 (Orphaned well site plugging, remediation, and restoration) of Title V (Methane Reduction Infrastructure) of the 2021 Bipartisan Infrastructure Law (BIL; Public Law 117-58) which is >1g/hour.
- WDF did capture a Methane Flow Peak at 15.16 m3/day recorded at 7:14 P.M on September 3, 2022, which indicates a much higher potential for Methane Emissions that exceed the Federal minimum threshold, therefore plugging of this well however should be a priority in the NMOCD schedule.

FIELD NOTES

#	Date	Note
1	2022-07-26	CES: On location. Gas present at front, back and 2 3/8".
2	2022-07-26	ces: First test w/VB100-029
3	2022-07-27	ces: Stop test w/VB100-029 & Rig Down. Take Gas Sample.
4	2022-07-29	ces: Collect Gas Sample for analysis.
5	2022-08-29	ces: WDF on location for rig up of VB100-003. Collect Gas Sample for Lab Analysis. Secure location due to lots of cattle!
6	2022-09-02	ces: Restart VB1003 for another Methane Flow Test. Rig up VB100-011 @ 4" casing for a dual port monitor to see if there are tubing integrity issues.
7	2022-09-03	ces: Collect Gas Sample #2 and rig down VB100-003 and VB100-011 and secure location.

Image 4.2 – Double L Queen #01K (30-005-60078) Field Notes from WDF Well Intel™ Orphan Well Project Management IoT



1) DLQ #01K (30-005-6015) – South Facing



2) DLQ #01K (30-005-60078) – East Facing



3) DLQ #01K (30-005-60078) – Wellhead & Gas Sample



4) DLQ #01K (30-005-60078) – Gas Monitoring

Well Done Foundation, Inc. / Ventbuster Test Data

Test ID: 63138b04384183ffa7152586
 Start Date: Sat Sep 03 2022 01:06:25 GMT+0000 (Coordinated Universal Time)
 End Date: Sat Sep 03 2022 17:12:33 GMT+0000 (Coordinated Universal Time)
 Device: VB100-0003
 Well Owner: Well Done Foundation Inc.
 Service Provider: Well Done Foundation Inc.
 Well Licensee: NMOCD
 Well Name: Double L Queen 01K
 UWI: 30-005-60078
 Well License Number: 30 -005-60078
 Surface Location: Bogle
 Bottom Hole Location: unknown
 Test Operator: ces
 Authorized By: NMOCD
 Test Reason: IJJA PRE PLUG
 Scope of Work: 12-Hour
 AFE Number: NMOCD038AA / APWS22.001
 GPS: 33.05145 -103.97415
 Notes: GTG

Field Notes:	time	Flow_m3_per_day	Pressure_kPag	Flow_Temperature_C	Shut_in_St
	2022-09-03T01:06:25.000Z	7.461	-1.4	35.06	0
	2022-09-03T01:07:05.255Z	3.278052	-1.7	35.2225	0
	2022-09-03T01:07:45.510Z	2.837916	-2.7	35.155	0
	2022-09-03T01:08:25.765Z	2.70144	-1.975	35.055	0
	2022-09-03T01:09:06.020Z	2.915496	-1.175	34.9375	0
	2022-09-03T01:09:46.275Z	2.905848	-1.6	34.825	0
	2022-09-03T01:10:26.530Z	3.009924	-1.375	34.67	0
	2022-09-03T01:11:06.785Z	2.993184	-1.5	34.5075	0
	2022-09-03T01:11:47.040Z	2.949408	-2.125	34.335	0
	2022-09-03T01:12:27.295Z	3.043152	-1.35	34.1375	0
	2022-09-03T01:13:07.550Z	3.023424	-1.65	33.865	0
	2022-09-03T01:13:47.805Z	2.9382624	-1.5	33.634	0
	2022-09-03T01:14:28.060Z	3.041712	-1.575	33.52	0
	2022-09-03T01:15:08.315Z	2.916432	-1.675	33.4425	0
	2022-09-03T01:15:48.570Z	2.923668	-1.6	33.355	0
	2022-09-03T01:16:28.825Z	2.982888	-0.775	33.28	0
	2022-09-03T01:17:09.080Z	2.993724	-1.725	33.1875	0
	2022-09-03T01:17:49.335Z	2.941236	-2.1	33.14	0
	2022-09-03T01:18:29.590Z	2.97666	-1	33.035	0
	2022-09-03T01:19:09.845Z	2.91762	-1.375	32.9725	0
	2022-09-03T01:19:50.100Z	2.89224	-1.325	32.895	0
	2022-09-03T01:20:30.355Z	2.997828	-1.4	32.83	0
	2022-09-03T01:21:10.610Z	2.975184	-0.875	32.7425	0
	2022-09-03T01:21:50.865Z	2.9241	-1.325	32.6825	0
	2022-09-03T01:22:31.120Z	2.990052	-1.425	32.585	0

2022-09-03T01:23:11.375Z	2.893344	-0.633333333	32.50333333	0
2022-09-03T01:23:51.630Z	2.903904	-1.5	32.455	0
2022-09-03T01:24:31.885Z	2.899692	-0.725	32.365	0
2022-09-03T01:25:12.140Z	2.829528	-0.825	32.2875	0
2022-09-03T01:25:52.395Z	2.924676	-0.625	32.22	0
2022-09-03T01:26:32.650Z	2.827908	-0.95	32.1475	0
2022-09-03T01:27:12.905Z	2.828484	-0.8	32.07	0
2022-09-03T01:27:53.160Z	2.877768	-0.65	31.9925	0
2022-09-03T01:28:33.415Z	2.776176	-1.425	31.9125	0
2022-09-03T01:29:13.670Z	2.831436	-1.35	31.84	0
2022-09-03T01:29:53.925Z	2.810016	-1.325	31.7575	0
2022-09-03T01:30:34.180Z	2.708064	-1	31.7	0
2022-09-03T01:31:14.435Z	2.775528	-1.6	31.6225	0
2022-09-03T01:31:54.690Z	2.77848	-0.725	31.56	0
2022-09-03T01:32:34.945Z	2.735208	-0.9	31.4975	0
2022-09-03T01:33:15.200Z	2.766888	-1.2	31.4325	0
2022-09-03T01:33:55.455Z	2.702556	-1.175	31.3575	0
2022-09-03T01:34:35.710Z	2.650536	-0.675	31.2875	0
2022-09-03T01:35:15.965Z	2.695644	-1.425	31.235	0
2022-09-03T01:35:56.220Z	2.590524	-1.125	31.17	0
2022-09-03T01:36:36.475Z	2.714004	-1.425	31.105	0
2022-09-03T01:37:16.730Z	2.701368	-0.7	31.04	0
2022-09-03T01:37:56.985Z	2.646432	-0.65	30.9875	0
2022-09-03T01:38:37.240Z	2.6244	-0.95	30.915	0
2022-09-03T01:39:17.495Z	2.704068	-0.725	30.855	0
2022-09-03T01:39:57.750Z	2.6292096	-0.78	30.8	0
2022-09-03T01:40:38.005Z	2.632572	-0.925	30.735	0
2022-09-03T01:41:18.260Z	2.63178	-1.225	30.68	0
2022-09-03T01:41:58.515Z	2.600028	-0.5	30.6025	0
2022-09-03T01:42:38.770Z	2.554812	-0.45	30.5375	0
2022-09-03T01:43:19.025Z	2.5983	-0.8	30.485	0
2022-09-03T01:43:59.280Z	2.545128	-0.85	30.4325	0
2022-09-03T01:44:39.535Z	2.574108	-0.775	30.37	0
2022-09-03T01:45:19.790Z	2.513772	-1.225	30.305	0
2022-09-03T01:46:00.045Z	2.49714	-0.925	30.2625	0
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2022-09-03T01:47:20.555Z	2.4597	-1.05	30.1625	0
2022-09-03T01:48:00.810Z	2.333088	-0.7	30.11	0
2022-09-03T01:48:41.065Z	2.3832	-0.75	30.0525	0
2022-09-03T01:49:21.320Z	2.349	-0.875	29.9925	0
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2022-09-03T01:50:41.830Z	2.299464	-0.875	29.8725	0
2022-09-03T01:51:22.085Z	2.262492	-0.375	29.83	0
2022-09-03T01:52:02.340Z	2.223432	-0.875	29.775	0
2022-09-03T01:52:42.595Z	2.235816	-0.475	29.735	0
2022-09-03T01:53:22.850Z	2.15046	-0.2	29.6725	0
2022-09-03T01:54:03.105Z	2.102076	-0.675	29.6425	0

2022-09-03T01:54:43.360Z	2.156364	-1.2	29.595	0
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2022-09-03T01:59:25.145Z	1.992348	-0.35	29.1925	0
2022-09-03T02:00:05.400Z	2.010132	-0.225	29.24	0
2022-09-03T02:00:45.655Z	1.94868	-0.525	29.2	0
2022-09-03T02:01:25.910Z	1.982352	-0.733333333	29.18666667	0
2022-09-03T02:02:06.165Z	1.981008	-0.5	29.12	0
2022-09-03T02:02:46.420Z	1.948752	-0.375	29.0525	0
2022-09-03T02:03:26.675Z	1.952172	-0.675	29.0325	0
2022-09-03T02:04:06.930Z	1.9519488	-0.3	28.988	0
2022-09-03T02:04:47.185Z	1.905936	-0.433333333	28.92	0
2022-09-03T02:05:27.440Z	1.916568	-0.675	28.9025	0
2022-09-03T02:06:07.695Z	1.89558	0.225	28.865	0
2022-09-03T02:06:47.950Z	1.851804	-0.55	28.83	0
2022-09-03T02:07:28.205Z	1.88712	-0.9	28.8	0
2022-09-03T02:08:08.460Z	1.844256	-1	28.77333333	0
2022-09-03T02:08:48.715Z	1.83366	-1.3	28.7	0
2022-09-03T02:09:28.970Z	1.80252	-0.225	28.6625	0
2022-09-03T02:10:09.225Z	1.84266	-0.65	28.6225	0
2022-09-03T02:10:49.480Z	1.803456	-0.825	28.57	0
2022-09-03T02:11:29.735Z	1.792188	-0.35	28.535	0
2022-09-03T02:12:09.990Z	1.79118	-0.55	28.5025	0
2022-09-03T02:12:50.245Z	1.783728	-1.2	28.465	0
2022-09-03T02:13:30.500Z	1.72764	-0.4	28.4375	0
2022-09-03T02:14:10.755Z	1.745244	-0.25	28.3925	0
2022-09-03T02:14:51.010Z	1.740816	-0.425	28.345	0
2022-09-03T02:15:31.265Z	1.722672	-0.6	28.3175	0
2022-09-03T02:16:11.520Z	1.726884	-1.05	28.2825	0
2022-09-03T02:16:51.775Z	1.690596	-0.45	28.23	0
2022-09-03T02:17:32.030Z	1.68516	-0.425	28.2075	0
2022-09-03T02:18:12.285Z	1.678284	-1.05	28.1625	0
2022-09-03T02:18:52.540Z	1.657332	-0.325	28.12	0
2022-09-03T02:19:32.795Z	1.67652	-0.425	28.0725	0
2022-09-03T02:20:13.050Z	1.62954	-0.825	28.03	0
2022-09-03T02:20:53.305Z	1.642356	-0.85	27.9975	0
2022-09-03T02:21:33.560Z	1.677528	-1	27.9525	0
2022-09-03T02:22:13.815Z	1.628136	-0.05	27.925	0
2022-09-03T02:22:54.070Z	1.634508	-0.55	27.88	0
2022-09-03T02:23:34.325Z	1.656252	-0.525	27.84	0
2022-09-03T02:24:14.580Z	1.618272	0.05	27.8125	0
2022-09-03T02:24:54.835Z	1.610568	-0.625	27.77	0
2022-09-03T02:25:35.090Z	1.608804	-0.625	27.72	0

2022-09-03T02:26:15.345Z	1.599012	-0.675	27.6975	0
2022-09-03T02:26:55.600Z	1.549692	-0.5	27.6625	0
2022-09-03T02:27:35.855Z	1.562832	-0.95	27.62	0
2022-09-03T02:28:16.110Z	1.565928	0.275	27.5725	0
2022-09-03T02:28:56.365Z	1.561212	-0.725	27.54	0
2022-09-03T02:29:36.620Z	1.555056	-0.575	27.4975	0
2022-09-03T02:30:16.875Z	1.559952	-1	27.465	0
2022-09-03T02:30:57.130Z	1.5318144	-0.54	27.416	0
2022-09-03T02:31:37.385Z	1.556604	-0.3	27.38	0
2022-09-03T02:32:17.640Z	1.525584	-0.5333333333	27.34666667	0
2022-09-03T02:32:57.895Z	1.532124	-0.475	27.2175	0
2022-09-03T02:33:38.150Z	1.537056	-0.825	27.27	0
2022-09-03T02:34:18.405Z	1.507536	0.175	27.2475	0
2022-09-03T02:34:58.660Z	1.538352	-0.8333333333	27.18666667	0
2022-09-03T02:35:38.915Z	1.549344	-0.6666666667	27.19	0
2022-09-03T02:36:19.170Z	1.5309	-0.05	27.155	0
2022-09-03T02:36:59.425Z	1.514484	0.125	27.0875	0
2022-09-03T02:37:39.680Z	1.461132	-0.125	27.0625	0
2022-09-03T02:38:19.935Z	1.484316	-0.125	27.035	0
2022-09-03T02:39:00.190Z	1.505232	-0.4	26.9875	0
2022-09-03T02:39:40.445Z	1.479816	-0.525	26.9475	0
2022-09-03T02:40:20.700Z	1.494072	-0.975	26.915	0
2022-09-03T02:41:00.955Z	1.483236	0.275	26.8875	0
2022-09-03T02:41:41.210Z	1.467648	-0.325	26.845	0
2022-09-03T02:42:21.465Z	1.49886	-1.025	26.815	0
2022-09-03T02:43:01.720Z	1.475712	0	26.78	0
2022-09-03T02:43:41.975Z	1.43046	-0.4	26.7425	0
2022-09-03T02:44:22.230Z	1.46502	-0.5	26.7075	0
2022-09-03T02:45:02.485Z	1.487988	-0.2	26.6625	0
2022-09-03T02:45:42.740Z	1.448172	-0.575	26.645	0
2022-09-03T02:46:22.995Z	1.456164	-0.125	26.6075	0
2022-09-03T02:47:03.250Z	1.462104	0.15	26.5575	0
2022-09-03T02:47:43.505Z	1.425564	-0.575	26.5475	0
2022-09-03T02:48:23.760Z	1.47186	0.025	26.4975	0
2022-09-03T02:49:04.015Z	1.475136	0.025	26.4625	0
2022-09-03T02:49:44.270Z	1.415196	-0.5	26.4375	0
2022-09-03T02:50:24.525Z	1.429128	-0.2	26.4025	0
2022-09-03T02:51:04.780Z	1.438452	-1.025	26.365	0
2022-09-03T02:51:45.035Z	1.42812	-0.05	26.3325	0
2022-09-03T02:52:25.290Z	1.455048	-0.2	26.305	0
2022-09-03T02:53:05.545Z	1.426716	-0.15	26.275	0
2022-09-03T02:53:45.800Z	1.402056	-0.25	26.235	0
2022-09-03T02:54:26.055Z	1.42668	-0.075	26.2125	0
2022-09-03T02:55:06.310Z	1.443708	-0.65	26.17	0
2022-09-03T02:55:46.565Z	1.407276	-0.6	26.165	0
2022-09-03T02:56:26.820Z	1.4004576	-0.7	26.116	0
2022-09-03T02:57:07.075Z	1.376604	0.125	26.08	0

2022-09-03T02:57:47.330Z	1.39878	-0.1	26.0425	0
2022-09-03T02:58:27.585Z	1.392528	-0.3333333333	26.02333333	0
2022-09-03T02:59:07.840Z	1.3622688	-0.3	25.996	0
2022-09-03T02:59:48.095Z	1.408392	-0.9	25.9625	0
2022-09-03T03:00:28.350Z	1.396044	0.15	25.9325	0
2022-09-03T03:01:08.605Z	1.376676	-0.575	25.89	0
2022-09-03T03:01:48.860Z	1.381284	-0.6	25.8725	0
2022-09-03T03:02:29.115Z	1.3914	0.225	25.8375	0
2022-09-03T03:03:09.370Z	1.33992	-0.05	25.83	0
2022-09-03T03:03:49.625Z	1.369188	-0.55	25.775	0
2022-09-03T03:04:29.880Z	1.332252	-0.075	25.7475	0
2022-09-03T03:05:10.135Z	1.340064	-0.2	25.72	0
2022-09-03T03:05:50.390Z	1.366992	-0.92	25.71	0
2022-09-03T03:06:30.645Z	1.367712	-0.275	25.6625	0
2022-09-03T03:07:10.900Z	1.3374	-0.025	25.635	0
2022-09-03T03:07:51.155Z	1.357956	-0.2	25.6	0
2022-09-03T03:08:31.410Z	1.316664	-0.575	25.5725	0
2022-09-03T03:09:11.665Z	1.348884	-0.025	25.54	0
2022-09-03T03:09:51.920Z	1.318824	-0.8	25.51	0
2022-09-03T03:10:32.175Z	1.292724	0.025	25.5025	0
2022-09-03T03:11:12.430Z	1.318464	-0.025	25.46	0
2022-09-03T03:11:52.685Z	1.34496	-0.3	25.42	0
2022-09-03T03:12:32.940Z	1.311084	0.15	25.4025	0
2022-09-03T03:13:13.195Z	1.30608	-0.575	25.3725	0
2022-09-03T03:13:53.450Z	1.30212	-0.25	25.335	0
2022-09-03T03:14:33.705Z	1.313136	-0.05	25.3175	0
2022-09-03T03:15:13.960Z	1.326996	-0.325	25.2875	0
2022-09-03T03:15:54.215Z	1.284516	0.45	25.2575	0
2022-09-03T03:16:34.470Z	1.27476	0.4	25.2325	0
2022-09-03T03:17:14.725Z	1.30032	-0.025	25.19	0
2022-09-03T03:17:54.980Z	1.29276	0.125	25.1625	0
2022-09-03T03:18:35.235Z	1.285956	-0.325	25.1475	0
2022-09-03T03:19:15.490Z	1.305144	0.125	25.1175	0
2022-09-03T03:19:55.745Z	1.294272	-0.275	25.0775	0
2022-09-03T03:20:36.000Z	1.290456	0.025	25.0625	0
2022-09-03T03:21:16.255Z	1.274904	0.1	25.03	0
2022-09-03T03:21:56.510Z	1.279476	-0.1	24.9975	0
2022-09-03T03:22:36.765Z	1.2793248	0.08	24.972	0
2022-09-03T03:23:17.020Z	1.271016	-0.475	24.935	0
2022-09-03T03:23:57.275Z	1.272528	0.55	24.91	0
2022-09-03T03:24:37.530Z	1.289304	-0.175	24.885	0
2022-09-03T03:25:17.785Z	1.286424	0.1	24.85	0
2022-09-03T03:25:58.040Z	1.28358	-0.275	24.8225	0
2022-09-03T03:26:38.295Z	1.254888	-0.4	24.8	0
2022-09-03T03:27:18.550Z	1.262484	-0.75	24.7625	0
2022-09-03T03:27:58.805Z	1.2591	-0.175	24.7525	0
2022-09-03T03:28:39.060Z	1.26396	0.05	24.7225	0

2022-09-03T03:29:19.315Z	1.23498	-0.05	24.69	0
2022-09-03T03:29:59.570Z	1.250424	0.275	24.675	0
2022-09-03T03:30:39.825Z	1.252548	-0.2	24.65	0
2022-09-03T03:31:20.080Z	1.235304	0.1	24.615	0
2022-09-03T03:32:00.335Z	1.24776	0.4	24.595	0
2022-09-03T03:32:40.590Z	1.224432	-0.15	24.575	0
2022-09-03T03:33:20.845Z	1.228572	-0.65	24.5375	0
2022-09-03T03:34:01.100Z	1.244196	-0.55	24.5125	0
2022-09-03T03:34:41.355Z	1.247184	0.275	24.4925	0
2022-09-03T03:35:21.610Z	1.262952	0.25	24.465	0
2022-09-03T03:36:01.865Z	1.22112	0.25	24.445	0
2022-09-03T03:36:42.120Z	1.217376	0.025	24.4175	0
2022-09-03T03:37:22.375Z	1.228284	0.05	24.3875	0
2022-09-03T03:38:02.630Z	1.244448	-0.475	24.3675	0
2022-09-03T03:38:42.885Z	1.2249	-0.2	24.355	0
2022-09-03T03:39:23.140Z	1.203516	0.075	24.325	0
2022-09-03T03:40:03.395Z	1.201932	-0.75	24.295	0
2022-09-03T03:40:43.650Z	1.176048	-0.1	24.28	0
2022-09-03T03:41:23.905Z	1.226736	0.6	24.15	0
2022-09-03T03:42:04.160Z	1.187532	-0.15	24.235	0
2022-09-03T03:42:44.415Z	1.19376	-0.1	24.21	0
2022-09-03T03:43:24.670Z	1.209168	0.266666667	24.18333333	0
2022-09-03T03:44:04.925Z	1.253412	0.15	24.1625	0
2022-09-03T03:44:45.180Z	1.2222	0.525	24.1375	0
2022-09-03T03:45:25.435Z	1.196208	-0.2	24.1025	0
2022-09-03T03:46:05.690Z	1.190736	-0.3	24.08	0
2022-09-03T03:46:45.945Z	1.215936	0.25	24.06	0
2022-09-03T03:47:26.200Z	1.19052	-0.425	24.04	0
2022-09-03T03:48:06.455Z	1.205964	-0.025	24.0175	0
2022-09-03T03:48:46.710Z	1.207116	0.825	24	0
2022-09-03T03:49:26.965Z	1.1984544	-0.18	23.98	0
2022-09-03T03:50:07.220Z	1.224468	0.2	23.95	0
2022-09-03T03:50:47.475Z	1.224108	-0.65	23.9375	0
2022-09-03T03:51:27.730Z	1.175904	-0.55	23.9275	0
2022-09-03T03:52:07.985Z	1.202904	-0.225	23.92	0
2022-09-03T03:52:48.240Z	1.16064	0.1	23.9025	0
2022-09-03T03:53:28.495Z	1.185984	-0.25	23.8825	0
2022-09-03T03:54:08.750Z	1.179072	0.325	23.865	0
2022-09-03T03:54:49.005Z	1.175616	-0.275	23.8475	0
2022-09-03T03:55:29.260Z	1.20798	0.15	23.845	0
2022-09-03T03:56:09.515Z	1.164384	0.3	23.8325	0
2022-09-03T03:56:49.770Z	1.150776	0.1	23.82	0
2022-09-03T03:57:30.025Z	1.163736	0.25	23.8025	0
2022-09-03T03:58:10.280Z	1.169244	0.575	23.78	0
2022-09-03T03:58:50.535Z	1.156572	-0.075	23.775	0
2022-09-03T03:59:30.790Z	1.173312	0.4	23.7625	0
2022-09-03T04:00:11.045Z	1.201788	0.275	23.7425	0

2022-09-03T04:00:51.300Z	1.164708	0.125	23.7325	0
2022-09-03T04:01:31.555Z	1.174428	0.075	23.7175	0
2022-09-03T04:02:11.810Z	1.175076	0.575	23.71	0
2022-09-03T04:02:52.065Z	1.136952	-0.45	23.695	0
2022-09-03T04:03:32.320Z	1.137276	0.275	23.6925	0
2022-09-03T04:04:12.575Z	1.167588	-0.35	23.67	0
2022-09-03T04:04:52.830Z	1.167156	-0.225	23.67	0
2022-09-03T04:05:33.085Z	1.131768	0.7	23.665	0
2022-09-03T04:06:13.340Z	1.142352	0.5	23.6425	0
2022-09-03T04:06:53.595Z	1.149444	-0.55	23.6175	0
2022-09-03T04:07:33.850Z	1.182816	-0.15	23.6125	0
2022-09-03T04:08:14.105Z	1.182672	-0.025	23.5975	0
2022-09-03T04:08:54.360Z	1.135224	0.475	23.585	0
2022-09-03T04:09:34.615Z	1.15128	0.6	23.58	0
2022-09-03T04:10:14.870Z	1.169136	0.575	23.5775	0
2022-09-03T04:10:55.125Z	1.122624	-0.25	23.565	0
2022-09-03T04:11:35.380Z	1.124676	0.225	23.5525	0
2022-09-03T04:12:15.635Z	1.142604	0.3	23.5375	0
2022-09-03T04:12:55.890Z	1.124352	-0.825	23.52	0
2022-09-03T04:13:36.145Z	1.1205	0.3	23.52	0
2022-09-03T04:14:16.400Z	1.123272	-0.25	23.5025	0
2022-09-03T04:14:56.655Z	1.144872	0.2	23.4675	0
2022-09-03T04:15:36.910Z	1.145088	0.34	23.462	0
2022-09-03T04:16:17.165Z	1.08888	-0.133333333	23.47	0
2022-09-03T04:16:57.420Z	1.1389536	-2.22E-17	23.428	0
2022-09-03T04:17:37.675Z	1.18728	0.525	23.4075	0
2022-09-03T04:18:17.930Z	1.117152	-0.4	23.41	0
2022-09-03T04:18:58.185Z	1.153248	-0.066666667	23.24	0
2022-09-03T04:19:38.440Z	1.14642	0.025	23.3775	0
2022-09-03T04:20:18.695Z	1.138032	-0.4	23.3575	0
2022-09-03T04:20:58.950Z	1.145808	-0.266666667	23.36333333	0
2022-09-03T04:21:39.205Z	1.1187	0.575	23.365	0
2022-09-03T04:22:19.460Z	1.116756	0.4	23.3425	0
2022-09-03T04:22:59.715Z	1.127484	0.9	23.3325	0
2022-09-03T04:23:39.970Z	1.126584	-0.05	23.3225	0
2022-09-03T04:24:20.225Z	1.157328	0.125	23.3	0
2022-09-03T04:25:00.480Z	1.12734	0.175	23.3025	0
2022-09-03T04:25:40.735Z	1.080828	-0.2	23.3025	0
2022-09-03T04:26:20.990Z	1.140768	0.275	23.2775	0
2022-09-03T04:27:01.245Z	1.12698	0.325	23.27	0
2022-09-03T04:27:41.500Z	1.10214	0.175	23.275	0
2022-09-03T04:28:21.755Z	1.100952	0.4	23.2675	0
2022-09-03T04:29:02.010Z	1.133064	0.175	23.2575	0
2022-09-03T04:29:42.265Z	1.121976	0.075	23.255	0
2022-09-03T04:30:22.520Z	1.123416	-0.325	23.2425	0
2022-09-03T04:31:02.775Z	1.117692	0.35	23.2375	0
2022-09-03T04:31:43.030Z	1.115136	-0.1	23.2375	0

2022-09-03T04:32:23.285Z	1.1061	0.325	23.235	0
2022-09-03T04:33:03.540Z	1.135224	-0.025	23.21	0
2022-09-03T04:33:43.795Z	1.115856	-0.05	23.2175	0
2022-09-03T04:34:24.050Z	1.091808	0.225	23.2075	0
2022-09-03T04:35:04.305Z	1.096704	0.15	23.22	0
2022-09-03T04:35:44.560Z	1.10196	-0.325	23.195	0
2022-09-03T04:36:24.815Z	1.07604	-0.2	23.195	0
2022-09-03T04:37:05.070Z	1.109772	0.425	23.19	0
2022-09-03T04:37:45.325Z	1.099368	0.125	23.1825	0
2022-09-03T04:38:25.580Z	1.120536	-0.4	23.1875	0
2022-09-03T04:39:05.835Z	1.08774	0.15	23.18	0
2022-09-03T04:39:46.090Z	1.090368	-0.125	23.165	0
2022-09-03T04:40:26.345Z	1.130508	0.15	23.1575	0
2022-09-03T04:41:06.600Z	1.09818	-0.275	23.1575	0
2022-09-03T04:41:46.855Z	1.1015424	0.3	23.138	0
2022-09-03T04:42:27.110Z	1.14528	-0.433333333	23.13666667	0
2022-09-03T04:43:07.365Z	1.0665216	-0.2	23.142	0
2022-09-03T04:43:47.620Z	1.09728	-0.475	23.1225	0
2022-09-03T04:44:27.875Z	1.119564	0.2	23.12	0
2022-09-03T04:45:08.130Z	1.069488	0.075	23.12	0
2022-09-03T04:45:48.385Z	1.074744	0.5	23.1125	0
2022-09-03T04:46:28.640Z	1.095732	-0.825	23.0825	0
2022-09-03T04:47:08.895Z	1.117188	0.55	23.08	0
2022-09-03T04:47:49.150Z	1.088856	0.175	23.07	0
2022-09-03T04:48:29.405Z	1.0863	-0.25	23.07	0
2022-09-03T04:49:09.660Z	1.1043	0.3	23.05	0
2022-09-03T04:49:49.915Z	1.106928	0.1	23.04	0
2022-09-03T04:50:30.170Z	1.098036	0.225	23.025	0
2022-09-03T04:51:10.425Z	1.114092	0.5	23.0125	0
2022-09-03T04:51:50.680Z	1.094508	-0.175	23.0075	0
2022-09-03T04:52:30.935Z	1.08882	0.8	22.99	0
2022-09-03T04:53:11.190Z	1.11114	0.05	22.975	0
2022-09-03T04:53:51.445Z	1.111824	-0.2	22.9675	0
2022-09-03T04:54:31.700Z	1.0566	0	22.9725	0
2022-09-03T04:55:11.955Z	1.0944	0.525	22.94	0
2022-09-03T04:55:52.210Z	1.097316	0.875	22.935	0
2022-09-03T04:56:32.465Z	1.058688	-0.45	22.925	0
2022-09-03T04:57:12.720Z	1.08594	0.4	22.8925	0
2022-09-03T04:57:52.975Z	1.088136	-0.175	22.9	0
2022-09-03T04:58:33.230Z	1.09188	0.25	22.9075	0
2022-09-03T04:59:13.485Z	1.071888	-0.366666667	22.90333333	0
2022-09-03T04:59:53.740Z	1.10322	0.175	22.9025	0
2022-09-03T05:00:33.995Z	1.1079	-0.3	22.8875	0
2022-09-03T05:01:14.250Z	1.095228	0.5	22.8675	0
2022-09-03T05:01:54.505Z	1.125504	0.025	22.86	0
2022-09-03T05:02:34.760Z	1.084248	0.575	22.8575	0
2022-09-03T05:03:15.015Z	1.09926	0.35	22.8475	0

2022-09-03T05:03:55.270Z	1.073304	-0.05	22.845	0
2022-09-03T05:04:35.525Z	1.073484	0.475	22.85	0
2022-09-03T05:05:15.780Z	1.11132	0.275	22.835	0
2022-09-03T05:05:56.035Z	1.098036	-0.075	22.83	0
2022-09-03T05:06:36.290Z	1.093572	-0.125	22.8125	0
2022-09-03T05:07:16.545Z	1.129104	-0.55	22.82	0
2022-09-03T05:07:56.800Z	1.076976	0.28	22.81	0
2022-09-03T05:08:37.055Z	1.075284	0.35	22.8125	0
2022-09-03T05:09:17.310Z	1.078092	0.2	22.7975	0
2022-09-03T05:09:57.565Z	1.078884	0.375	22.8175	0
2022-09-03T05:10:37.820Z	1.09224	-0.125	22.815	0
2022-09-03T05:11:18.075Z	1.084248	0.225	22.7975	0
2022-09-03T05:11:58.330Z	1.100412	-0.15	22.7925	0
2022-09-03T05:12:38.585Z	1.08162	-0.275	22.8125	0
2022-09-03T05:13:18.840Z	1.092492	-0.225	22.795	0
2022-09-03T05:13:59.095Z	1.065636	0.175	22.815	0
2022-09-03T05:14:39.350Z	1.044648	0.525	22.8	0
2022-09-03T05:15:19.605Z	1.069056	0.65	22.8075	0
2022-09-03T05:15:59.860Z	1.041984	0	22.7975	0
2022-09-03T05:16:40.115Z	1.058688	0.275	22.81	0
2022-09-03T05:17:20.370Z	1.083204	-0.075	22.8275	0
2022-09-03T05:18:00.625Z	1.064304	-0.85	22.8125	0
2022-09-03T05:18:40.880Z	1.075752	0.05	22.825	0
2022-09-03T05:19:21.135Z	1.068264	0.4	22.835	0
2022-09-03T05:20:01.390Z	1.074888	0.3	22.8275	0
2022-09-03T05:20:41.645Z	1.093608	0.55	22.83	0
2022-09-03T05:21:21.900Z	1.084392	0.175	22.82	0
2022-09-03T05:22:02.155Z	1.071468	0.025	22.8475	0
2022-09-03T05:22:42.410Z	1.070424	-0.075	22.8375	0
2022-09-03T05:23:22.665Z	1.050804	0.425	22.8325	0
2022-09-03T05:24:02.920Z	1.05336	-1.39E-17	22.8375	0
2022-09-03T05:24:43.175Z	1.06938	0.325	22.8275	0
2022-09-03T05:25:23.430Z	1.08468	0.025	22.8275	0
2022-09-03T05:26:03.685Z	1.097496	0.325	22.81	0
2022-09-03T05:26:43.940Z	1.060308	0.175	22.8225	0
2022-09-03T05:27:24.195Z	1.058904	0.45	22.805	0
2022-09-03T05:28:04.450Z	1.063872	0.4	22.7775	0
2022-09-03T05:28:44.705Z	1.070748	-2.78E-17	22.78	0
2022-09-03T05:29:24.960Z	1.080792	0.25	22.77	0
2022-09-03T05:30:05.215Z	1.097388	0.85	22.755	0
2022-09-03T05:30:45.470Z	1.043568	0.025	22.7575	0
2022-09-03T05:31:25.725Z	1.06812	0.575	22.7325	0
2022-09-03T05:32:05.980Z	1.047312	-0.575	22.7275	0
2022-09-03T05:32:46.235Z	1.051164	0.175	22.72	0
2022-09-03T05:33:26.490Z	1.092348	0.45	22.6925	0
2022-09-03T05:34:06.745Z	1.04886	0.1	22.685	0
2022-09-03T05:34:47.000Z	1.068576	0.1	22.57666667	0

2022-09-03T05:35:27.255Z	1.052532	-0.3	22.64	0
2022-09-03T05:36:07.510Z	1.060632	-0.525	22.645	0
2022-09-03T05:36:47.765Z	1.06902	-0.2	22.64	0
2022-09-03T05:37:28.020Z	1.050672	0.733333333	22.63333333	0
2022-09-03T05:38:08.275Z	1.048212	0.25	22.59	0
2022-09-03T05:38:48.530Z	1.074528	0.65	22.57	0
2022-09-03T05:39:28.785Z	1.076544	0.6	22.5725	0
2022-09-03T05:40:09.040Z	1.074384	0.25	22.545	0
2022-09-03T05:40:49.295Z	1.06092	0.525	22.5425	0
2022-09-03T05:41:29.550Z	1.050228	0.125	22.515	0
2022-09-03T05:42:09.805Z	1.076256	0.25	22.5075	0
2022-09-03T05:42:50.060Z	1.069632	0.375	22.49	0
2022-09-03T05:43:30.315Z	1.049292	0.625	22.4775	0
2022-09-03T05:44:10.570Z	1.083672	0.15	22.4525	0
2022-09-03T05:44:50.825Z	1.038096	-0.25	22.4475	0
2022-09-03T05:45:31.080Z	1.03824	-0.2	22.42	0
2022-09-03T05:46:11.335Z	1.071648	0.475	22.4175	0
2022-09-03T05:46:51.590Z	1.035756	0.625	22.4	0
2022-09-03T05:47:31.845Z	1.072008	1.1	22.3925	0
2022-09-03T05:48:12.100Z	1.070676	-0.025	22.3675	0
2022-09-03T05:48:52.355Z	1.059876	0.45	22.3725	0
2022-09-03T05:49:32.610Z	1.070748	0.025	22.3525	0
2022-09-03T05:50:12.865Z	1.06722	0.1	22.3425	0
2022-09-03T05:50:53.120Z	1.029348	0.425	22.325	0
2022-09-03T05:51:33.375Z	1.064352	0.133333333	22.32333333	0
2022-09-03T05:52:13.630Z	1.037628	-0.125	22.3	0
2022-09-03T05:52:53.885Z	1.05102	-0.25	22.285	0
2022-09-03T05:53:34.140Z	1.07028	-0.35	22.2725	0
2022-09-03T05:54:14.395Z	1.056636	0.275	22.2575	0
2022-09-03T05:54:54.650Z	1.071144	0.325	22.245	0
2022-09-03T05:55:34.905Z	1.042092	0.4	22.23	0
2022-09-03T05:56:15.160Z	1.049544	0.25	22.2275	0
2022-09-03T05:56:55.415Z	1.066248	-0.225	22.2075	0
2022-09-03T05:57:35.670Z	1.041156	-0.5	22.195	0
2022-09-03T05:58:15.925Z	1.059984	0.6	22.19	0
2022-09-03T05:58:56.180Z	1.06902	0.05	22.175	0
2022-09-03T05:59:36.435Z	1.052676	0.575	22.165	0
2022-09-03T06:00:16.690Z	1.075752	0.375	22.16	0
2022-09-03T06:00:56.945Z	1.0393632	0.02	22.146	0
2022-09-03T06:01:37.200Z	1.055304	0.1	22.135	0
2022-09-03T06:02:17.455Z	1.053288	0.9	22.1325	0
2022-09-03T06:02:57.710Z	1.060524	0.4	22.1125	0
2022-09-03T06:03:37.965Z	1.088892	0.4	22.0975	0
2022-09-03T06:04:18.220Z	1.078344	0.7	22.1	0
2022-09-03T06:04:58.475Z	1.029276	0.2	22.1025	0
2022-09-03T06:05:38.730Z	1.042056	0.075	22.0975	0
2022-09-03T06:06:18.985Z	1.058076	-0.1	22.0775	0

2022-09-03T06:06:59.240Z	1.026252	0.325	22.0825	0
2022-09-03T06:07:39.495Z	1.0656	0.175	22.0625	0
2022-09-03T06:08:19.750Z	1.05966	-0.125	22.055	0
2022-09-03T06:09:00.005Z	1.040724	0.15	22.0525	0
2022-09-03T06:09:40.260Z	1.083564	-0.15	22.045	0
2022-09-03T06:10:20.515Z	1.05102	-0.15	22.055	0
2022-09-03T06:11:00.770Z	1.016928	-0.3	22.025	0
2022-09-03T06:11:41.025Z	1.02564	0.4	22.0325	0
2022-09-03T06:12:21.280Z	1.077228	0.5	22.005	0
2022-09-03T06:13:01.535Z	1.03302	0.25	22.0125	0
2022-09-03T06:13:41.790Z	0.995544	0.575	22.0275	0
2022-09-03T06:14:22.045Z	1.02456	0.45	22.0125	0
2022-09-03T06:15:02.300Z	1.045476	0.2	21.9975	0
2022-09-03T06:15:42.555Z	1.006164	0.575	21.9975	0
2022-09-03T06:16:22.810Z	1.075464	-0.2	21.985	0
2022-09-03T06:17:03.065Z	1.037592	0.425	21.9775	0
2022-09-03T06:17:43.320Z	1.038564	0.65	21.9875	0
2022-09-03T06:18:23.575Z	1.037736	0.475	21.9625	0
2022-09-03T06:19:03.830Z	1.044612	0.7	21.9725	0
2022-09-03T06:19:44.085Z	1.043424	0.225	21.97	0
2022-09-03T06:20:24.340Z	1.067004	0.225	21.95	0
2022-09-03T06:21:04.595Z	1.038924	-0.15	21.95	0
2022-09-03T06:21:44.850Z	1.055232	0.6	21.94	0
2022-09-03T06:22:25.105Z	1.01178	1.05	21.9475	0
2022-09-03T06:23:05.360Z	1.004868	-1.39E-17	21.9475	0
2022-09-03T06:23:45.615Z	1.039212	0.75	21.9275	0
2022-09-03T06:24:25.870Z	1.0279584	0.2	21.91	0
2022-09-03T06:25:06.125Z	1.055484	0.45	21.9075	0
2022-09-03T06:25:46.380Z	1.090476	0.8	21.915	0
2022-09-03T06:26:26.635Z	1.095552	0.7	21.89	0
2022-09-03T06:27:06.890Z	1.048788	0.325	21.8725	0
2022-09-03T06:27:47.145Z	0.97884	-0.075	21.9075	0
2022-09-03T06:28:27.400Z	1.042668	0.2	21.8925	0
2022-09-03T06:29:07.655Z	1.044288	0.8	21.895	0
2022-09-03T06:29:47.910Z	1.037808	0.1	21.9075	0
2022-09-03T06:30:28.165Z	1.028088	-0.075	21.91	0
2022-09-03T06:31:08.420Z	1.035972	0.45	21.8675	0
2022-09-03T06:31:48.675Z	1.065708	0.3	21.8775	0
2022-09-03T06:32:28.930Z	1.054008	0.8	21.8675	0
2022-09-03T06:33:09.185Z	1.025208	0.525	21.8725	0
2022-09-03T06:33:49.440Z	1.071612	0.425	21.8675	0
2022-09-03T06:34:29.695Z	1.0305	0.5	21.8825	0
2022-09-03T06:35:09.950Z	1.032084	0.3	21.865	0
2022-09-03T06:35:50.205Z	1.02402	0.525	21.87	0
2022-09-03T06:36:30.460Z	1.049076	0.4	21.8625	0
2022-09-03T06:37:10.715Z	1.070604	0.175	21.855	0
2022-09-03T06:37:50.970Z	1.015668	-0.25	21.86	0

2022-09-03T06:38:31.225Z	1.074276	0.225	21.8625	0
2022-09-03T06:39:11.480Z	1.034532	0.375	21.8725	0
2022-09-03T06:39:51.735Z	0.993636	-0.175	21.87	0
2022-09-03T06:40:31.990Z	1.031328	0.05	21.865	0
2022-09-03T06:41:12.245Z	1.02258	-0.25	21.8675	0
2022-09-03T06:41:52.500Z	1.06866	-0.125	21.8625	0
2022-09-03T06:42:32.755Z	1.06578	-0.1	21.87	0
2022-09-03T06:43:13.010Z	1.031436	0.225	21.86	0
2022-09-03T06:43:53.265Z	1.012176	0.1	21.8725	0
2022-09-03T06:44:33.520Z	1.017288	0.375	21.86	0
2022-09-03T06:45:13.775Z	1.012428	0.175	21.87	0
2022-09-03T06:45:54.030Z	1.077408	0.3	21.8625	0
2022-09-03T06:46:34.285Z	1.036656	0.125	21.8775	0
2022-09-03T06:47:14.540Z	0.997632	0.85	21.875	0
2022-09-03T06:47:54.795Z	1.060452	0.175	21.8675	0
2022-09-03T06:48:35.050Z	1.044072	0.3	21.88	0
2022-09-03T06:49:15.305Z	1.035792	0.575	21.875	0
2022-09-03T06:49:55.560Z	1.035792	-0.575	21.87	0
2022-09-03T06:50:35.815Z	1.0291968	0.58	21.88	0
2022-09-03T06:51:16.070Z	1.017864	0.375	21.8825	0
2022-09-03T06:51:56.325Z	1.06578	0.1	21.905	0
2022-09-03T06:52:36.580Z	1.009548	0.2	21.9	0
2022-09-03T06:53:16.835Z	1.031088	0.733333333	21.93	0
2022-09-03T06:53:57.090Z	1.03248	0.7	21.915	0
2022-09-03T06:54:37.345Z	1.044972	-0.05	21.885	0
2022-09-03T06:55:17.600Z	1.049796	-0.175	21.915	0
2022-09-03T06:55:57.855Z	0.970668	0.5	21.9275	0
2022-09-03T06:56:38.110Z	1.008216	-0.25	21.925	0
2022-09-03T06:57:18.365Z	1.027908	-0.175	21.915	0
2022-09-03T06:57:58.620Z	1.072296	0.025	21.9025	0
2022-09-03T06:58:38.875Z	0.99504	-0.15	21.9225	0
2022-09-03T06:59:19.130Z	0.982512	0.825	21.92	0
2022-09-03T06:59:59.385Z	1.05516	0.1	21.925	0
2022-09-03T07:00:39.640Z	1.017288	0.05	21.9325	0
2022-09-03T07:01:19.895Z	1.020096	0.525	21.93	0
2022-09-03T07:02:00.150Z	1.02168	-0.1	21.93	0
2022-09-03T07:02:40.405Z	1.02636	0.675	21.9225	0
2022-09-03T07:03:20.660Z	1.027584	-0.35	21.915	0
2022-09-03T07:04:00.915Z	1.0278	0.625	21.93	0
2022-09-03T07:04:41.170Z	1.024632	0.175	21.9225	0
2022-09-03T07:05:21.425Z	1.053612	0	21.92	0
2022-09-03T07:06:01.680Z	1.012212	0.05	21.925	0
2022-09-03T07:06:41.935Z	1.04796	-0.075	21.9175	0
2022-09-03T07:07:22.190Z	1.041516	0.8	21.93	0
2022-09-03T07:08:02.445Z	1.018152	-0.3	21.915	0
2022-09-03T07:08:42.700Z	1.018116	0.85	21.9275	0
2022-09-03T07:09:22.955Z	1.020636	0.8	21.925	0

2022-09-03T07:10:03.210Z	1.002924	0.05	21.92	0
2022-09-03T07:10:43.465Z	1.04274	0.6	21.92	0
2022-09-03T07:11:23.720Z	1.05354	0.45	21.9075	0
2022-09-03T07:12:03.975Z	1.006992	-0.225	21.9325	0
2022-09-03T07:12:44.230Z	1.035432	0.35	21.9175	0
2022-09-03T07:13:24.485Z	0.982224	0.125	21.9175	0
2022-09-03T07:14:04.740Z	1.047564	-0.05	21.905	0
2022-09-03T07:14:44.995Z	1.038564	0.05	21.9125	0
2022-09-03T07:15:25.250Z	1.021788	0.325	21.9	0
2022-09-03T07:16:05.505Z	1.035792	0.325	21.9025	0
2022-09-03T07:16:45.760Z	1.0357344	0.64	21.898	0
2022-09-03T07:17:26.015Z	1.023768	0.575	21.9	0
2022-09-03T07:18:06.270Z	1.022904	0.45	21.8975	0
2022-09-03T07:18:46.525Z	1.005336	0.3	21.8975	0
2022-09-03T07:19:26.780Z	1.022688	-0.05	21.89	0
2022-09-03T07:20:07.035Z	0.96192	0.575	21.89	0
2022-09-03T07:20:47.290Z	1.06272	0.05	21.87	0
2022-09-03T07:21:27.545Z	1.073772	0.625	21.885	0
2022-09-03T07:22:07.800Z	1.017504	0.425	21.8725	0
2022-09-03T07:22:48.055Z	1.00854	0.725	21.87	0
2022-09-03T07:23:28.310Z	1.065744	0.625	21.86	0
2022-09-03T07:24:08.565Z	1.010196	0.375	21.87	0
2022-09-03T07:24:48.820Z	1.015416	0.375	21.8675	0
2022-09-03T07:25:29.075Z	1.045368	0.225	21.8525	0
2022-09-03T07:26:09.330Z	1.023984	0.025	21.8475	0
2022-09-03T07:26:49.585Z	1.043388	0.15	21.845	0
2022-09-03T07:27:29.840Z	1.01196	0.55	21.835	0
2022-09-03T07:28:10.095Z	1.006704	0.1	21.8375	0
2022-09-03T07:28:50.350Z	1.038384	0.35	21.78	0
2022-09-03T07:29:30.605Z	1.010016	0.075	21.81	0
2022-09-03T07:30:10.860Z	1.034244	-0.325	21.83	0
2022-09-03T07:30:51.115Z	1.044792	0.275	21.81	0
2022-09-03T07:31:31.370Z	1.025904	-0.4	21.80333333	0
2022-09-03T07:32:11.625Z	1.0404	0.466666667	21.82	0
2022-09-03T07:32:51.880Z	1.014408	0.225	21.8	0
2022-09-03T07:33:32.135Z	1.04706	0.2	21.805	0
2022-09-03T07:34:12.390Z	1.02366	0.35	21.7825	0
2022-09-03T07:34:52.645Z	1.003068	0.35	21.785	0
2022-09-03T07:35:32.900Z	1.02726	0.05	21.7775	0
2022-09-03T07:36:13.155Z	1.000656	0.6	21.7725	0
2022-09-03T07:36:53.410Z	1.042704	-0.175	21.755	0
2022-09-03T07:37:33.665Z	1.067364	0.475	21.7425	0
2022-09-03T07:38:13.920Z	1.004112	0.85	21.75	0
2022-09-03T07:38:54.175Z	1.015452	0.85	21.755	0
2022-09-03T07:39:34.430Z	1.008504	0.675	21.7425	0
2022-09-03T07:40:14.685Z	1.029204	0.2	21.7325	0
2022-09-03T07:40:54.940Z	1.019592	1.39E-17	21.7225	0

2022-09-03T07:41:35.195Z	1.044792	0.475	21.705	0
2022-09-03T07:42:15.450Z	1.000224	0.125	21.7225	0
2022-09-03T07:42:55.705Z	1.022328	0.1	21.7	0
2022-09-03T07:43:35.960Z	1.05192	-0.04	21.686	0
2022-09-03T07:44:16.215Z	1.069956	0.625	21.68	0
2022-09-03T07:44:56.470Z	1.041768	0.025	21.675	0
2022-09-03T07:45:36.725Z	1.032696	0.5	21.6675	0
2022-09-03T07:46:16.980Z	1.030428	0.05	21.6675	0
2022-09-03T07:46:57.235Z	0.995724	0.775	21.6675	0
2022-09-03T07:47:37.490Z	0.994392	0.5	21.6425	0
2022-09-03T07:48:17.745Z	1.056708	0.35	21.6325	0
2022-09-03T07:48:58.000Z	1.025028	0.35	21.645	0
2022-09-03T07:49:38.255Z	0.992016	0.5	21.63	0
2022-09-03T07:50:18.510Z	1.024668	0	21.625	0
2022-09-03T07:50:58.765Z	1.044	-0.2	21.6	0
2022-09-03T07:51:39.020Z	1.052856	-0.075	21.595	0
2022-09-03T07:52:19.275Z	1.005336	0.525	21.59	0
2022-09-03T07:52:59.530Z	1.049616	0.2	21.575	0
2022-09-03T07:53:39.785Z	1.020636	0.2	21.585	0
2022-09-03T07:54:20.040Z	0.996948	0.2	21.5775	0
2022-09-03T07:55:00.295Z	1.038636	0.475	21.555	0
2022-09-03T07:55:40.550Z	1.074348	0.475	21.5475	0
2022-09-03T07:56:20.805Z	1.0242	-0.075	21.545	0
2022-09-03T07:57:01.060Z	1.002528	0.3	21.535	0
2022-09-03T07:57:41.315Z	1.001232	-0.45	21.53	0
2022-09-03T07:58:21.570Z	0.991512	0.25	21.515	0
2022-09-03T07:59:01.825Z	1.026108	0.475	21.505	0
2022-09-03T07:59:42.080Z	1.034964	0.25	21.4975	0
2022-09-03T08:00:22.335Z	1.020528	0.55	21.485	0
2022-09-03T08:01:02.590Z	1.0305	1.075	21.485	0
2022-09-03T08:01:42.845Z	1.034316	0.7	21.47	0
2022-09-03T08:02:23.100Z	1.026576	-0.3	21.4725	0
2022-09-03T08:03:03.355Z	1.033884	0.625	21.4675	0
2022-09-03T08:03:43.610Z	0.996804	0.5	21.475	0
2022-09-03T08:04:23.865Z	1.041264	0.175	21.4575	0
2022-09-03T08:05:04.120Z	1.014696	0.3	21.4475	0
2022-09-03T08:05:44.375Z	1.033848	0.75	21.4375	0
2022-09-03T08:06:24.630Z	0.986736	-0.1	21.45	0
2022-09-03T08:07:04.885Z	1.038912	0.8	21.38666667	0
2022-09-03T08:07:45.140Z	0.985248	0.7	21.4275	0
2022-09-03T08:08:25.395Z	1.01664	0.45	21.4125	0
2022-09-03T08:09:05.650Z	1.018272	0.133333333	21.41666667	0
2022-09-03T08:09:45.905Z	1.039608	0.4	21.4125	0
2022-09-03T08:10:26.160Z	1.030572	-0.525	21.41	0
2022-09-03T08:11:06.415Z	1.034172	0.45	21.3725	0
2022-09-03T08:11:46.670Z	1.019484	0.375	21.3775	0
2022-09-03T08:12:26.925Z	1.065024	0.6	21.3725	0

2022-09-03T08:13:07.180Z	1.002348	-0.225	21.365	0
2022-09-03T08:13:47.435Z	1.028484	0.6	21.3675	0
2022-09-03T08:14:27.690Z	1.008972	0.175	21.3625	0
2022-09-03T08:15:07.945Z	1.025712	0.375	21.3375	0
2022-09-03T08:15:48.200Z	0.986868	0.375	21.35	0
2022-09-03T08:16:28.455Z	0.98838	0.175	21.3325	0
2022-09-03T08:17:08.710Z	1.03554	0.5	21.3375	0
2022-09-03T08:17:48.965Z	1.054332	0.025	21.3225	0
2022-09-03T08:18:29.220Z	0.97776	0.5	21.335	0
2022-09-03T08:19:09.475Z	1.02546	0.575	21.32	0
2022-09-03T08:19:49.730Z	1.007604	-0.375	21.3125	0
2022-09-03T08:20:29.985Z	1.026036	0.35	21.3175	0
2022-09-03T08:21:10.240Z	1.024452	0.65	21.3	0
2022-09-03T08:21:50.495Z	0.984816	0.55	21.305	0
2022-09-03T08:22:30.750Z	0.999252	-0.325	21.3	0
2022-09-03T08:23:11.005Z	1.021248	0.625	21.2925	0
2022-09-03T08:23:51.260Z	1.026252	0.225	21.2825	0
2022-09-03T08:24:31.515Z	0.993528	1.2	21.265	0
2022-09-03T08:25:11.770Z	1.002132	0.475	21.2825	0
2022-09-03T08:25:52.025Z	0.991476	0.7	21.28	0
2022-09-03T08:26:32.280Z	1.0224	0.35	21.265	0
2022-09-03T08:27:12.535Z	1.05984	0.675	21.2625	0
2022-09-03T08:27:52.790Z	1.059876	0.25	21.2475	0
2022-09-03T08:28:33.045Z	1.011996	0.15	21.26	0
2022-09-03T08:29:13.300Z	1.02024	0.6	21.27	0
2022-09-03T08:29:53.555Z	1.000368	0.35	21.2525	0
2022-09-03T08:30:33.810Z	1.038492	0.55	21.25	0
2022-09-03T08:31:14.065Z	1.009656	0.6	21.2475	0
2022-09-03T08:31:54.320Z	1.01664	0.9	21.2475	0
2022-09-03T08:32:34.575Z	1.022076	0.6	21.2575	0
2022-09-03T08:33:14.830Z	1.02744	0.525	21.2375	0
2022-09-03T08:33:55.085Z	1.008612	0.825	21.235	0
2022-09-03T08:34:35.340Z	1.0287	0.625	21.2425	0
2022-09-03T08:35:15.595Z	0.990468	0.475	21.2425	0
2022-09-03T08:35:55.850Z	1.004544	0.48	21.232	0
2022-09-03T08:36:36.105Z	1.025964	0.7	21.2225	0
2022-09-03T08:37:16.360Z	0.993996	0.475	21.2225	0
2022-09-03T08:37:56.615Z	0.997524	0.2	21.2325	0
2022-09-03T08:38:36.870Z	1.013364	0.6	21.2275	0
2022-09-03T08:39:17.125Z	0.983556	0.625	21.2225	0
2022-09-03T08:39:57.380Z	1.006236	0.6	21.215	0
2022-09-03T08:40:37.635Z	1.027584	1.025	21.2275	0
2022-09-03T08:41:17.890Z	1.067436	1	21.195	0
2022-09-03T08:41:58.145Z	1.012068	0.875	21.21	0
2022-09-03T08:42:38.400Z	0.986472	0.2	21.215	0
2022-09-03T08:43:18.655Z	0.999756	0.475	21.2	0
2022-09-03T08:43:58.910Z	1.025604	0.325	21.2025	0

2022-09-03T08:44:39.165Z	0.99108	0.25	21.205	0
2022-09-03T08:45:19.420Z	1.014012	0.2	21.16	0
2022-09-03T08:45:59.675Z	1.021176	0.8	21.19	0
2022-09-03T08:46:39.930Z	1.003536	-0.175	21.1875	0
2022-09-03T08:47:20.185Z	1.058544	-0.2	21.18	0
2022-09-03T08:48:00.440Z	1.022472	0.425	21.18	0
2022-09-03T08:48:40.695Z	1.032048	0.225	21.1575	0
2022-09-03T08:49:20.950Z	1.00062	0.525	21.185	0
2022-09-03T08:50:01.205Z	1.007712	0.25	21.165	0
2022-09-03T08:50:41.460Z	1.056708	0.8	21.1575	0
2022-09-03T08:51:21.715Z	1.026792	0.25	21.1575	0
2022-09-03T08:52:01.970Z	0.964908	0.3	21.1675	0
2022-09-03T08:52:42.225Z	1.025028	0.575	21.1325	0
2022-09-03T08:53:22.480Z	0.977724	0.175	21.145	0
2022-09-03T08:54:02.735Z	1.014084	0.3	21.1375	0
2022-09-03T08:54:42.990Z	1.043352	0.225	21.125	0
2022-09-03T08:55:23.245Z	0.999	0.9	21.1175	0
2022-09-03T08:56:03.500Z	0.988344	0.825	21.1275	0
2022-09-03T08:56:43.755Z	1.004076	0.625	21.105	0
2022-09-03T08:57:24.010Z	0.997632	-0.25	21.1	0
2022-09-03T08:58:04.265Z	1.029456	0.2	21.09	0
2022-09-03T08:58:44.520Z	1.00782	0.75	21.1	0
2022-09-03T08:59:24.775Z	1.021716	0.5	21.0875	0
2022-09-03T09:00:05.030Z	1.026432	0.15	21.08	0
2022-09-03T09:00:45.285Z	1.01628	-0.4	21.0725	0
2022-09-03T09:01:25.540Z	1.000512	-0.075	21.075	0
2022-09-03T09:02:05.795Z	1.0288224	0.36	21.058	0
2022-09-03T09:02:46.050Z	1.034892	1.25	21.0475	0
2022-09-03T09:03:26.305Z	0.999864	0.45	21.0575	0
2022-09-03T09:04:06.560Z	1.013472	0.55	21.0425	0
2022-09-03T09:04:46.815Z	0.985392	0.5	21.045	0
2022-09-03T09:05:27.070Z	0.965304	0.25	21.045	0
2022-09-03T09:06:07.325Z	0.979524	0.2	21.04	0
2022-09-03T09:06:47.580Z	1.014264	0.375	21.035	0
2022-09-03T09:07:27.835Z	1.035684	0.875	21.0175	0
2022-09-03T09:08:08.090Z	1.010736	0.025	21.0175	0
2022-09-03T09:08:48.345Z	0.979128	0	21.01	0
2022-09-03T09:09:28.600Z	1.032408	0.525	20.9875	0
2022-09-03T09:10:08.855Z	0.989496	0.425	21.0075	0
2022-09-03T09:10:49.110Z	0.999468	0.175	20.9875	0
2022-09-03T09:11:29.365Z	1.002456	0.6	20.9925	0
2022-09-03T09:12:09.620Z	1.019448	0.375	20.99	0
2022-09-03T09:12:49.875Z	1.026756	0.525	20.9725	0
2022-09-03T09:13:30.130Z	1.01142	0.425	20.9725	0
2022-09-03T09:14:10.385Z	1.01862	0.65	20.9625	0
2022-09-03T09:14:50.640Z	0.993636	0.075	20.9675	0
2022-09-03T09:15:30.895Z	1.003284	0.225	20.9525	0

2022-09-03T09:16:11.150Z	1.02726	0.425	20.9375	0
2022-09-03T09:16:51.405Z	0.992556	-0.275	20.9325	0
2022-09-03T09:17:31.660Z	1.016676	0.7	20.925	0
2022-09-03T09:18:11.915Z	1.032696	0.25	20.92	0
2022-09-03T09:18:52.170Z	1.016604	0.5	20.925	0
2022-09-03T09:19:32.425Z	0.992196	0.9	20.91	0
2022-09-03T09:20:12.680Z	1.005192	0.6	20.9025	0
2022-09-03T09:20:52.935Z	1.018404	0.05	20.885	0
2022-09-03T09:21:33.190Z	1.02276	0.35	20.89	0
2022-09-03T09:22:13.445Z	1.018656	0.425	20.8875	0
2022-09-03T09:22:53.700Z	0.988128	0.425	20.89	0
2022-09-03T09:23:33.955Z	0.999324	0.45	20.875	0
2022-09-03T09:24:14.210Z	0.990072	0.55	20.86	0
2022-09-03T09:24:54.465Z	1.022076	0.975	20.85	0
2022-09-03T09:25:34.720Z	1.00566	1.025	20.845	0
2022-09-03T09:26:14.975Z	1.012356	0.875	20.83	0
2022-09-03T09:26:55.230Z	1.045836	0.45	20.82	0
2022-09-03T09:27:35.485Z	1.0107	0.175	20.8225	0
2022-09-03T09:28:15.740Z	0.992736	0.5	20.805	0
2022-09-03T09:28:55.995Z	1.0173312	0.16	20.796	0
2022-09-03T09:29:36.250Z	0.996372	0.875	20.785	0
2022-09-03T09:30:16.505Z	1.006164	0.975	20.7825	0
2022-09-03T09:30:56.760Z	0.998424	0.975	20.77	0
2022-09-03T09:31:37.015Z	0.9972	0.35	20.755	0
2022-09-03T09:32:17.270Z	1.026612	0.675	20.75	0
2022-09-03T09:32:57.525Z	1.020492	0.85	20.7425	0
2022-09-03T09:33:37.780Z	1.021068	-0.05	20.72	0
2022-09-03T09:34:18.035Z	1.001592	0.05	20.7275	0
2022-09-03T09:34:58.290Z	1.012788	1.425	20.7	0
2022-09-03T09:35:38.545Z	0.998532	0.775	20.7025	0
2022-09-03T09:36:18.800Z	1.04022	0.35	20.68	0
2022-09-03T09:36:59.055Z	1.013256	0.475	20.6675	0
2022-09-03T09:37:39.310Z	1.037088	0.2	20.6675	0
2022-09-03T09:38:19.565Z	1.016712	0.4	20.665	0
2022-09-03T09:38:59.820Z	0.992772	0.675	20.6425	0
2022-09-03T09:39:40.075Z	1.004148	0.05	20.645	0
2022-09-03T09:40:20.330Z	0.993528	1.125	20.6375	0
2022-09-03T09:41:00.585Z	1.015092	-0.45	20.6125	0
2022-09-03T09:41:40.840Z	1.019952	1	20.595	0
2022-09-03T09:42:21.095Z	1.007784	0.1	20.6	0
2022-09-03T09:43:01.350Z	0.983808	0.9	20.595	0
2022-09-03T09:43:41.605Z	0.996264	0.65	20.5725	0
2022-09-03T09:44:21.860Z	1.00674	0.15	20.5775	0
2022-09-03T09:45:02.115Z	1.007532	1.425	20.5475	0
2022-09-03T09:45:42.370Z	1.007064	0.55	20.545	0
2022-09-03T09:46:22.625Z	1.017576	0.85	20.5375	0
2022-09-03T09:47:02.880Z	1.024452	0.425	20.5325	0

2022-09-03T09:47:43.135Z	0.993096	0.775	20.525	0
2022-09-03T09:48:23.390Z	0.982656	0.625	20.515	0
2022-09-03T09:49:03.645Z	1.006272	0.475	20.5075	0
2022-09-03T09:49:43.900Z	1.015884	0.45	20.4975	0
2022-09-03T09:50:24.155Z	0.974736	0	20.49	0
2022-09-03T09:51:04.410Z	1.003212	0.325	20.485	0
2022-09-03T09:51:44.665Z	1.017792	0.75	20.4525	0
2022-09-03T09:52:24.920Z	1.049004	-0.15	20.44	0
2022-09-03T09:53:05.175Z	0.993744	0.675	20.4525	0
2022-09-03T09:53:45.430Z	0.988812	0.6	20.42	0
2022-09-03T09:54:25.685Z	1.010448	0.025	20.425	0
2022-09-03T09:55:05.940Z	1.0012032	0.24	20.424	0
2022-09-03T09:55:46.195Z	1.01286	0.3	20.4075	0
2022-09-03T09:56:26.450Z	0.990864	0.75	20.4	0
2022-09-03T09:57:06.705Z	0.998964	0.425	20.3825	0
2022-09-03T09:57:46.960Z	0.969696	0.225	20.38	0
2022-09-03T09:58:27.215Z	1.02636	0.5	20.3675	0
2022-09-03T09:59:07.470Z	0.999108	0.475	20.36	0
2022-09-03T09:59:47.725Z	0.97488	1.1	20.35	0
2022-09-03T10:00:27.980Z	1.026792	0.6	20.3375	0
2022-09-03T10:01:08.235Z	1.025064	0.675	20.3275	0
2022-09-03T10:01:48.490Z	1.030572	0.75	20.3225	0
2022-09-03T10:02:28.745Z	1.02798	0.4	20.31	0
2022-09-03T10:03:09.000Z	0.975456	0.55	20.305	0
2022-09-03T10:03:49.255Z	1.025172	0.725	20.2825	0
2022-09-03T10:04:29.510Z	1.009728	0.65	20.2775	0
2022-09-03T10:05:09.765Z	1.032552	0.325	20.2675	0
2022-09-03T10:05:50.020Z	0.993024	0.675	20.2675	0
2022-09-03T10:06:30.275Z	1.012104	0.1	20.2525	0
2022-09-03T10:07:10.530Z	1.022436	0.775	20.2475	0
2022-09-03T10:07:50.785Z	0.963612	0.65	20.24	0
2022-09-03T10:08:31.040Z	0.993672	0.575	20.2325	0
2022-09-03T10:09:11.295Z	1.02618	0.925	20.215	0
2022-09-03T10:09:51.550Z	0.988524	0.425	20.21	0
2022-09-03T10:10:31.805Z	0.982188	0.55	20.195	0
2022-09-03T10:11:12.060Z	1.025388	0.2	20.1775	0
2022-09-03T10:11:52.315Z	1.008828	0.35	20.1675	0
2022-09-03T10:12:32.570Z	1.016784	0.575	20.1675	0
2022-09-03T10:13:12.825Z	1.012536	0.6	20.1575	0
2022-09-03T10:13:53.080Z	0.986724	0.325	20.1425	0
2022-09-03T10:14:33.335Z	0.989712	1.15	20.1225	0
2022-09-03T10:15:13.590Z	1.000692	0.725	20.1075	0
2022-09-03T10:15:53.845Z	1.035576	0.475	20.0925	0
2022-09-03T10:16:34.100Z	1.020168	0.25	20.0975	0
2022-09-03T10:17:14.355Z	1.00314	1.075	20.08	0
2022-09-03T10:17:54.610Z	0.983448	0.2	20.0875	0
2022-09-03T10:18:34.865Z	0.984456	0.5	20.0675	0

2022-09-03T10:19:15.120Z	0.967392	0.75	20.06	0
2022-09-03T10:19:55.375Z	1.003356	0.45	20.0425	0
2022-09-03T10:20:35.630Z	0.987768	0.475	20.0375	0
2022-09-03T10:21:15.885Z	1.0346976	0.74	20.024	0
2022-09-03T10:21:56.140Z	0.992664	0.35	20.0175	0
2022-09-03T10:22:36.395Z	1.000332	0.65	20	0
2022-09-03T10:23:16.650Z	1.030752	0.15	19.9925	0
2022-09-03T10:23:56.905Z	1.015884	0.125	19.9725	0
2022-09-03T10:24:37.160Z	1.025892	0.525	19.99	0
2022-09-03T10:25:17.415Z	0.964044	0.875	19.9725	0
2022-09-03T10:25:57.670Z	0.976392	0.875	19.97	0
2022-09-03T10:26:37.925Z	0.976212	0.675	19.9525	0
2022-09-03T10:27:18.180Z	1.007208	0.275	19.9275	0
2022-09-03T10:27:58.435Z	1.019628	0.825	19.935	0
2022-09-03T10:28:38.690Z	1.011168	1.2	19.9225	0
2022-09-03T10:29:18.945Z	0.989892	0.4	19.9075	0
2022-09-03T10:29:59.200Z	1.027188	0.775	19.9	0
2022-09-03T10:30:39.455Z	1.02582	1.45	19.89	0
2022-09-03T10:31:19.710Z	0.967392	0.2	19.895	0
2022-09-03T10:31:59.965Z	0.991728	0.8	19.88	0
2022-09-03T10:32:40.220Z	1.010664	0.65	19.875	0
2022-09-03T10:33:20.475Z	1.010808	0.625	19.855	0
2022-09-03T10:34:00.730Z	1.010628	0.9	19.855	0
2022-09-03T10:34:40.985Z	1.016496	1.1	19.84	0
2022-09-03T10:35:21.240Z	1.018584	0.575	19.835	0
2022-09-03T10:36:01.495Z	1.001988	0.375	19.83	0
2022-09-03T10:36:41.750Z	0.987084	0.675	19.83	0
2022-09-03T10:37:22.005Z	1.045296	-0.275	19.81	0
2022-09-03T10:38:02.260Z	1.024308	0.7	19.81	0
2022-09-03T10:38:42.515Z	0.995328	1.15	19.7925	0
2022-09-03T10:39:22.770Z	0.97416	0.95	19.7875	0
2022-09-03T10:40:03.025Z	0.97902	0.6	19.7875	0
2022-09-03T10:40:43.280Z	1.016172	0.55	19.77	0
2022-09-03T10:41:23.535Z	0.987588	0.475	19.765	0
2022-09-03T10:42:03.790Z	0.99216	0.45	19.75	0
2022-09-03T10:42:44.045Z	1.014048	0.125	19.7375	0
2022-09-03T10:43:24.300Z	1.041912	0.775	19.7375	0
2022-09-03T10:44:04.555Z	0.970524	0.375	19.7325	0
2022-09-03T10:44:44.810Z	0.998352	0.94	19.732	0
2022-09-03T10:45:25.065Z	1.007388	1.25	19.7075	0
2022-09-03T10:46:05.320Z	1.021212	1	19.7075	0
2022-09-03T10:46:45.575Z	0.995796	0.05	19.695	0
2022-09-03T10:47:25.830Z	0.988668	0.8	19.6975	0
2022-09-03T10:48:06.085Z	1.006668	0.425	19.67	0
2022-09-03T10:48:46.340Z	1.014696	0.225	19.69	0
2022-09-03T10:49:26.595Z	0.998172	0.55	19.6725	0
2022-09-03T10:50:06.850Z	1.034928	-0.075	19.645	0

2022-09-03T10:50:47.105Z	0.984132	0.2	19.6625	0
2022-09-03T10:51:27.360Z	0.98298	0.35	19.65	0
2022-09-03T10:52:07.615Z	1.005444	-0.125	19.65	0
2022-09-03T10:52:47.870Z	1.007316	0.85	19.6325	0
2022-09-03T10:53:28.125Z	0.998388	0.675	19.63	0
2022-09-03T10:54:08.380Z	1.029276	0.25	19.6275	0
2022-09-03T10:54:48.635Z	0.978876	0.6	19.6175	0
2022-09-03T10:55:28.890Z	1.015596	0.275	19.6075	0
2022-09-03T10:56:09.145Z	1.037232	0.725	19.595	0
2022-09-03T10:56:49.400Z	0.980712	1.125	19.5975	0
2022-09-03T10:57:29.655Z	1.026252	0.475	19.585	0
2022-09-03T10:58:09.910Z	1.008504	0.325	19.5775	0
2022-09-03T10:58:50.165Z	0.9801	1.2	19.5775	0
2022-09-03T10:59:30.420Z	1.01412	0.375	19.5575	0
2022-09-03T11:00:10.675Z	0.98388	1.175	19.585	0
2022-09-03T11:00:50.930Z	1.001484	0.775	19.545	0
2022-09-03T11:01:31.185Z	1.007208	0.775	19.5425	0
2022-09-03T11:02:11.440Z	0.990792	1.475	19.5425	0
2022-09-03T11:02:51.695Z	0.988956	0.775	19.5325	0
2022-09-03T11:03:31.950Z	1.014984	0.275	19.5225	0
2022-09-03T11:04:12.205Z	0.9792	0.725	19.5125	0
2022-09-03T11:04:52.460Z	1.040328	0.575	19.505	0
2022-09-03T11:05:32.715Z	0.966816	0.625	19.505	0
2022-09-03T11:06:12.970Z	0.989028	0.875	19.4975	0
2022-09-03T11:06:53.225Z	1.011456	1.175	19.48	0
2022-09-03T11:07:33.480Z	1.013256	0.475	19.475	0
2022-09-03T11:08:13.735Z	0.976212	1.3	19.4875	0
2022-09-03T11:08:53.990Z	1.003572	0.625	19.47	0
2022-09-03T11:09:34.245Z	1.03302	0.05	19.4525	0
2022-09-03T11:10:14.500Z	1.041012	0.2	19.44	0
2022-09-03T11:10:54.755Z	0.9766368	0.54	19.444	0
2022-09-03T11:11:35.010Z	0.982656	0.475	19.435	0
2022-09-03T11:12:15.265Z	1.01376	0.66666667	19.44	0
2022-09-03T11:12:55.520Z	0.965232	1.32	19.43	0
2022-09-03T11:13:35.775Z	1.0206	0.35	19.4125	0
2022-09-03T11:14:16.030Z	0.994716	0.55	19.42	0
2022-09-03T11:14:56.285Z	1.00044	0.45	19.4	0
2022-09-03T11:15:36.540Z	0.971532	0.65	19.4075	0
2022-09-03T11:16:16.795Z	1.013724	0.15	19.4025	0
2022-09-03T11:16:57.050Z	1.01934	0.175	19.3975	0
2022-09-03T11:17:37.305Z	1.025604	0.525	19.3775	0
2022-09-03T11:18:17.560Z	0.977976	1	19.405	0
2022-09-03T11:18:57.815Z	0.992304	0.725	19.38	0
2022-09-03T11:19:38.070Z	1.01268	0.85	19.3675	0
2022-09-03T11:20:18.325Z	0.987048	0.775	19.3675	0
2022-09-03T11:20:58.580Z	1.017936	0.875	19.365	0
2022-09-03T11:21:38.835Z	1.001628	0.5	19.375	0

2022-09-03T11:22:19.090Z	0.98298	0.725	19.365	0
2022-09-03T11:22:59.345Z	1.03176	1.05	19.36	0
2022-09-03T11:23:39.600Z	0.978408	0.725	19.3625	0
2022-09-03T11:24:19.855Z	0.985932	1.05	19.35	0
2022-09-03T11:25:00.110Z	1.001268	0.975	19.3675	0
2022-09-03T11:25:40.365Z	0.963684	0.775	19.36	0
2022-09-03T11:26:20.620Z	0.974988	0.225	19.3525	0
2022-09-03T11:27:00.875Z	1.011744	0.425	19.34	0
2022-09-03T11:27:41.130Z	0.985068	0.275	19.335	0
2022-09-03T11:28:21.385Z	0.974232	0.3	19.36	0
2022-09-03T11:29:01.640Z	0.979092	0.825	19.345	0
2022-09-03T11:29:41.895Z	0.985464	0.5	19.33	0
2022-09-03T11:30:22.150Z	1.007172	0.35	19.325	0
2022-09-03T11:31:02.405Z	0.970596	0.725	19.33	0
2022-09-03T11:31:42.660Z	0.955872	0.7	19.33	0
2022-09-03T11:32:22.915Z	1.007208	0.625	19.3175	0
2022-09-03T11:33:03.170Z	0.992808	0.475	19.3025	0
2022-09-03T11:33:43.425Z	1.004184	1.05	19.33	0
2022-09-03T11:34:23.680Z	0.973404	0.575	19.31	0
2022-09-03T11:35:03.935Z	0.975636	0.575	19.3075	0
2022-09-03T11:35:44.190Z	0.99648	0.75	19.3	0
2022-09-03T11:36:24.445Z	1.007028	0.9	19.2975	0
2022-09-03T11:37:04.700Z	1.023408	1.05	19.3025	0
2022-09-03T11:37:44.955Z	0.9771552	0.78	19.296	0
2022-09-03T11:38:25.210Z	0.970944	1.266666667	19.29	0
2022-09-03T11:39:05.465Z	1.0135008	0.78	19.29	0
2022-09-03T11:39:45.720Z	1.001124	0.95	19.2875	0
2022-09-03T11:40:25.975Z	0.991368	0.35	19.2825	0
2022-09-03T11:41:06.230Z	0.986832	0.875	19.28	0
2022-09-03T11:41:46.485Z	0.986796	1.1	19.275	0
2022-09-03T11:42:26.740Z	0.998856	1.025	19.2725	0
2022-09-03T11:43:06.995Z	1.010556	1.45	19.2725	0
2022-09-03T11:43:47.250Z	0.963072	1.025	19.2675	0
2022-09-03T11:44:27.505Z	0.984132	0.95	19.2625	0
2022-09-03T11:45:07.760Z	0.972036	1.05	19.265	0
2022-09-03T11:45:48.015Z	0.981612	1.425	19.2375	0
2022-09-03T11:46:28.270Z	1.03122	1	19.245	0
2022-09-03T11:47:08.525Z	1.002384	0.6	19.2325	0
2022-09-03T11:47:48.780Z	1.02114	0.65	19.225	0
2022-09-03T11:48:29.035Z	1.046556	0.8	19.215	0
2022-09-03T11:49:09.290Z	0.962496	0.25	19.22	0
2022-09-03T11:49:49.545Z	0.974016	1.075	19.2275	0
2022-09-03T11:50:29.800Z	0.994644	0.575	19.21	0
2022-09-03T11:51:10.055Z	0.9918	0.6	19.2025	0
2022-09-03T11:51:50.310Z	0.998424	0.3	19.215	0
2022-09-03T11:52:30.565Z	0.996012	0.75	19.1925	0
2022-09-03T11:53:10.820Z	0.969552	0.725	19.2025	0

2022-09-03T11:53:51.075Z	1.004868	0.7	19.175	0
2022-09-03T11:54:31.330Z	1.004256	0.875	19.1775	0
2022-09-03T11:55:11.585Z	1.016964	1.325	19.175	0
2022-09-03T11:55:51.840Z	1.020672	0.425	19.155	0
2022-09-03T11:56:32.095Z	0.972	1.05	19.17	0
2022-09-03T11:57:12.350Z	1.0026	0.45	19.1525	0
2022-09-03T11:57:52.605Z	1.018188	0.625	19.15	0
2022-09-03T11:58:32.860Z	0.9882	0.35	19.1625	0
2022-09-03T11:59:13.115Z	1.021896	1.1	19.1475	0
2022-09-03T11:59:53.370Z	0.979452	0.5	19.1575	0
2022-09-03T12:00:33.625Z	1.008972	0.95	19.1375	0
2022-09-03T12:01:13.880Z	1.021572	0.625	19.135	0
2022-09-03T12:01:54.135Z	0.968328	1.575	19.15	0
2022-09-03T12:02:34.390Z	0.993168	0.575	19.1375	0
2022-09-03T12:03:14.645Z	1.018224	0.675	19.1325	0
2022-09-03T12:03:54.900Z	1.0010016	1.02	19.126	0
2022-09-03T12:04:35.155Z	1.001232	1.05	19.135	0
2022-09-03T12:05:15.410Z	1.017936	1.325	19.125	0
2022-09-03T12:05:55.665Z	0.965412	0.825	19.1325	0
2022-09-03T12:06:35.920Z	1.003356	0.025	19.115	0
2022-09-03T12:07:16.175Z	0.986544	1.375	19.12	0
2022-09-03T12:07:56.430Z	1.00494	0.425	19.1175	0
2022-09-03T12:08:36.685Z	1.014624	0.8	19.1275	0
2022-09-03T12:09:16.940Z	0.986832	0.975	19.115	0
2022-09-03T12:09:57.195Z	1.016604	0.85	19.1175	0
2022-09-03T12:10:37.450Z	1.011996	1.1	19.125	0
2022-09-03T12:11:17.705Z	0.980388	1.075	19.125	0
2022-09-03T12:11:57.960Z	0.995472	0.425	19.1075	0
2022-09-03T12:12:38.215Z	0.98838	1.25	19.1225	0
2022-09-03T12:13:18.470Z	0.985644	0.825	19.115	0
2022-09-03T12:13:58.725Z	1.01304	1.05	19.1175	0
2022-09-03T12:14:38.980Z	0.973116	0.85	19.11	0
2022-09-03T12:15:19.235Z	0.983736	1.425	19.1075	0
2022-09-03T12:15:59.490Z	1.005732	0.775	19.125	0
2022-09-03T12:16:39.745Z	0.990216	0.95	19.125	0
2022-09-03T12:17:20.000Z	0.988596	0.775	19.12	0
2022-09-03T12:18:00.255Z	0.999792	0.475	19.1225	0
2022-09-03T12:18:40.510Z	0.984636	1.1	19.115	0
2022-09-03T12:19:20.765Z	1.003716	0.825	19.12	0
2022-09-03T12:20:01.020Z	1.008576	0.7	19.125	0
2022-09-03T12:20:41.275Z	0.965448	0.625	19.13	0
2022-09-03T12:21:21.530Z	0.990504	1.1	19.1125	0
2022-09-03T12:22:01.785Z	1.039248	1.15	19.1175	0
2022-09-03T12:22:42.040Z	0.968148	0.475	19.1425	0
2022-09-03T12:23:22.295Z	0.979776	1.4	19.1275	0
2022-09-03T12:24:02.550Z	1.004688	0.925	19.1325	0
2022-09-03T12:24:42.805Z	0.95364	0.95	19.14	0

2022-09-03T12:25:23.060Z	1.001196	0.2	19.1375	0
2022-09-03T12:26:03.315Z	1.031112	0.7	19.1275	0
2022-09-03T12:26:43.570Z	1.003536	0.95	19.16	0
2022-09-03T12:27:23.825Z	0.9585	1.225	19.1175	0
2022-09-03T12:28:04.080Z	1.015848	0.975	19.145	0
2022-09-03T12:28:44.335Z	1.037448	1.3	19.1375	0
2022-09-03T12:29:24.590Z	1.006512	1.566666667	19.17333333	0
2022-09-03T12:30:04.845Z	0.985872	1	19.17666667	0
2022-09-03T12:30:45.100Z	1.014048	0.84	19.164	0
2022-09-03T12:31:25.355Z	0.963936	1.025	19.165	0
2022-09-03T12:32:05.610Z	0.95598	1.1	19.1725	0
2022-09-03T12:32:45.865Z	0.964764	1.1	19.1775	0
2022-09-03T12:33:26.120Z	1.036188	0.775	19.165	0
2022-09-03T12:34:06.375Z	1.021644	0.85	19.165	0
2022-09-03T12:34:46.630Z	1.008108	0.575	19.1725	0
2022-09-03T12:35:26.885Z	1.037304	0.425	19.1675	0
2022-09-03T12:36:07.140Z	1.02114	0.375	19.18	0
2022-09-03T12:36:47.395Z	0.961668	0.3	19.2025	0
2022-09-03T12:37:27.650Z	1.009188	0.15	19.185	0
2022-09-03T12:38:07.905Z	0.989316	1.4	19.1825	0
2022-09-03T12:38:48.160Z	0.973836	0.3	19.2025	0
2022-09-03T12:39:28.415Z	1.04922	0.85	19.19	0
2022-09-03T12:40:08.670Z	0.96966	0.85	19.2025	0
2022-09-03T12:40:48.925Z	1.00152	0.6	19.215	0
2022-09-03T12:41:29.180Z	0.98982	0.725	19.2125	0
2022-09-03T12:42:09.435Z	0.97812	1.15	19.22	0
2022-09-03T12:42:49.690Z	0.982548	0.525	19.23	0
2022-09-03T12:43:29.945Z	1.015884	0.85	19.225	0
2022-09-03T12:44:10.200Z	0.99882	0.325	19.2275	0
2022-09-03T12:44:50.455Z	0.967716	0.725	19.25	0
2022-09-03T12:45:30.710Z	0.991908	0.675	19.2475	0
2022-09-03T12:46:10.965Z	0.94716	0.125	19.2675	0
2022-09-03T12:46:51.220Z	0.99594	0.55	19.27	0
2022-09-03T12:47:31.475Z	1.004796	0.9	19.2775	0
2022-09-03T12:48:11.730Z	1.001988	0.875	19.2925	0
2022-09-03T12:48:51.985Z	0.992976	1.266666667	19.29666667	0
2022-09-03T12:49:32.240Z	0.98226	1.025	19.325	0
2022-09-03T12:50:12.495Z	1.018764	0.5	19.3425	0
2022-09-03T12:50:52.750Z	1.009584	0.55	19.355	0
2022-09-03T12:51:33.005Z	1.004472	0.85	19.37	0
2022-09-03T12:52:13.260Z	0.987336	1.125	19.385	0
2022-09-03T12:52:53.515Z	0.985608	0.45	19.43	0
2022-09-03T12:53:33.770Z	0.983268	0.65	19.425	0
2022-09-03T12:54:14.025Z	1.019088	0.375	19.4475	0
2022-09-03T12:54:54.280Z	0.963576	0.625	19.4875	0
2022-09-03T12:55:34.535Z	0.98658	0.425	19.52	0
2022-09-03T12:56:14.790Z	0.982224	0.55	19.5325	0

2022-09-03T12:56:55.045Z	0.9983232	0.32	19.558	0
2022-09-03T12:57:35.300Z	1.014516	0.775	19.5875	0
2022-09-03T12:58:15.555Z	0.993672	0.575	19.615	0
2022-09-03T12:58:55.810Z	0.991548	0.675	19.645	0
2022-09-03T12:59:36.065Z	0.986328	0.75	19.6875	0
2022-09-03T13:00:16.320Z	1.012932	0.975	19.6975	0
2022-09-03T13:00:56.575Z	0.99792	0.325	19.7425	0
2022-09-03T13:01:36.830Z	1.003932	0.45	19.7725	0
2022-09-03T13:02:17.085Z	0.972108	0.3	19.815	0
2022-09-03T13:02:57.340Z	1.0179	-0.025	19.8375	0
2022-09-03T13:03:37.595Z	1.007424	0.475	19.8825	0
2022-09-03T13:04:17.850Z	1.015668	0.35	19.9175	0
2022-09-03T13:04:58.105Z	1.0044	1.05	19.97	0
2022-09-03T13:05:38.360Z	0.94716	-0.1	20.0025	0
2022-09-03T13:06:18.615Z	1.004832	-0.35	20.025	0
2022-09-03T13:06:58.870Z	1.01124	0.75	20.0625	0
2022-09-03T13:07:39.125Z	0.985464	0.075	20.11	0
2022-09-03T13:08:19.380Z	0.959184	0.5	20.1525	0
2022-09-03T13:08:59.635Z	0.970488	1.275	20.1925	0
2022-09-03T13:09:39.890Z	0.998784	0.625	20.2225	0
2022-09-03T13:10:20.145Z	0.984708	0.35	20.255	0
2022-09-03T13:11:00.400Z	0.991404	0.225	20.2925	0
2022-09-03T13:11:40.655Z	0.996336	0.45	20.33	0
2022-09-03T13:12:20.910Z	0.980964	0.45	20.3625	0
2022-09-03T13:13:01.165Z	1.003392	0.35	20.395	0
2022-09-03T13:13:41.420Z	0.981288	0.2	20.4375	0
2022-09-03T13:14:21.675Z	0.964188	0.925	20.45	0
2022-09-03T13:15:01.930Z	1.034244	0.375	20.4775	0
2022-09-03T13:15:42.185Z	1.00152	-0.375	20.515	0
2022-09-03T13:16:22.440Z	0.947808	0.025	20.5475	0
2022-09-03T13:17:02.695Z	1.0386	0.95	20.5625	0
2022-09-03T13:17:42.950Z	1.003068	0.35	20.595	0
2022-09-03T13:18:23.205Z	0.960948	0.4	20.625	0
2022-09-03T13:19:03.460Z	1.011744	0.225	20.655	0
2022-09-03T13:19:43.715Z	0.998856	0.65	20.6825	0
2022-09-03T13:20:23.970Z	1.005372	0.8	20.7125	0
2022-09-03T13:21:04.225Z	1.036368	0.95	20.725	0
2022-09-03T13:21:44.480Z	0.9792	0.275	20.755	0
2022-09-03T13:22:24.735Z	0.983952	0.2	20.7725	0
2022-09-03T13:23:04.990Z	0.9930528	0.4	20.81	0
2022-09-03T13:23:45.245Z	1.000548	0.15	20.84	0
2022-09-03T13:24:25.500Z	0.975888	0.375	20.865	0
2022-09-03T13:25:05.755Z	0.983952	0.675	20.88	0
2022-09-03T13:25:46.010Z	0.967536	0.2	20.91	0
2022-09-03T13:26:26.265Z	0.996012	0.775	20.9475	0
2022-09-03T13:27:06.520Z	1.004328	0.775	20.97	0
2022-09-03T13:27:46.775Z	0.997344	0.225	21.0075	0

2022-09-03T13:28:27.030Z	1.048176	0.3	21.02	0
2022-09-03T13:29:07.285Z	1.023696	0.675	21.065	0
2022-09-03T13:29:47.540Z	1.015488	-0.275	21.0875	0
2022-09-03T13:30:27.795Z	1.0206	0.225	21.12	0
2022-09-03T13:31:08.050Z	1.034244	0.425	21.1525	0
2022-09-03T13:31:48.305Z	0.993708	0.375	21.1875	0
2022-09-03T13:32:28.560Z	0.998964	0.525	21.2325	0
2022-09-03T13:33:08.815Z	1.021356	0.275	21.2575	0
2022-09-03T13:33:49.070Z	1.030824	0	21.3	0
2022-09-03T13:34:29.325Z	1.019196	-0.2	21.3425	0
2022-09-03T13:35:09.580Z	1.018188	0.725	21.3725	0
2022-09-03T13:35:49.835Z	1.014336	0.1	21.415	0
2022-09-03T13:36:30.090Z	0.96462	0.675	21.4875	0
2022-09-03T13:37:10.345Z	0.978156	-0.35	21.5075	0
2022-09-03T13:37:50.600Z	1.002744	0.425	21.5575	0
2022-09-03T13:38:30.855Z	1.026828	0.225	21.585	0
2022-09-03T13:39:11.110Z	1.007172	-0.225	21.635	0
2022-09-03T13:39:51.365Z	0.985896	-0.325	21.695	0
2022-09-03T13:40:31.620Z	0.998604	-0.525	21.7525	0
2022-09-03T13:41:11.875Z	1.010196	0.325	21.7975	0
2022-09-03T13:41:52.130Z	0.998172	0.5	21.8525	0
2022-09-03T13:42:32.385Z	0.99126	-0.125	21.915	0
2022-09-03T13:43:12.640Z	1.003464	0.375	21.97	0
2022-09-03T13:43:52.895Z	1.003824	-0.075	22.02	0
2022-09-03T13:44:33.150Z	0.967608	0.075	22.0775	0
2022-09-03T13:45:13.405Z	1.000404	0.2	22.12	0
2022-09-03T13:45:53.660Z	1.030716	0.375	22.175	0
2022-09-03T13:46:33.915Z	0.986724	-0.125	22.245	0
2022-09-03T13:47:14.170Z	0.971064	0.15	22.29	0
2022-09-03T13:47:54.425Z	1.002132	-0.5	22.355	0
2022-09-03T13:48:34.680Z	1.040544	-0.65	22.4	0
2022-09-03T13:49:14.935Z	1.0228032	-0.32	22.47	0
2022-09-03T13:49:55.190Z	0.991692	-0.15	22.5475	0
2022-09-03T13:50:35.445Z	1.001592	-0.4	22.605	0
2022-09-03T13:51:15.700Z	0.97074	-0.325	22.6725	0
2022-09-03T13:51:55.955Z	1.000476	0	22.725	0
2022-09-03T13:52:36.210Z	0.996228	-0.375	22.785	0
2022-09-03T13:53:16.465Z	1.000836	-0.125	22.8325	0
2022-09-03T13:53:56.720Z	0.92376	-0.075	22.925	0
2022-09-03T13:54:36.975Z	1.001268	-0.125	22.9675	0
2022-09-03T13:55:17.230Z	1.004328	-0.575	23.03	0
2022-09-03T13:55:57.485Z	1.022508	0.325	23.08	0
2022-09-03T13:56:37.740Z	0.99144	0.275	23.1625	0
2022-09-03T13:57:17.995Z	0.993636	-0.25	23.2075	0
2022-09-03T13:57:58.250Z	1.023768	-0.425	23.27	0
2022-09-03T13:58:38.505Z	1.014336	-0.05	23.325	0
2022-09-03T13:59:18.760Z	0.9909	-0.375	23.395	0

2022-09-03T13:59:59.015Z	1.004724	-0.55	23.44	0
2022-09-03T14:00:39.270Z	0.990468	-0.65	23.5175	0
2022-09-03T14:01:19.525Z	0.970956	-1.39E-17	23.57	0
2022-09-03T14:01:59.780Z	0.986076	-0.225	23.635	0
2022-09-03T14:02:40.035Z	0.983952	-0.2	23.69	0
2022-09-03T14:03:20.290Z	1.006344	0.25	23.755	0
2022-09-03T14:04:00.545Z	1.029816	-0.2	23.8175	0
2022-09-03T14:04:40.800Z	0.994068	-0.7	23.8925	0
2022-09-03T14:05:21.055Z	0.996156	-0.2	23.9425	0
2022-09-03T14:06:01.310Z	0.979488	-1.025	23.99	0
2022-09-03T14:06:41.565Z	1.03824	-0.1	24.05	0
2022-09-03T14:07:21.820Z	1.046844	-0.475	24.115	0
2022-09-03T14:08:02.075Z	0.961488	-0.9	24.18	0
2022-09-03T14:08:42.330Z	1.01286	-1.125	24.235	0
2022-09-03T14:09:22.585Z	1.014876	-1.39E-17	24.2825	0
2022-09-03T14:10:02.840Z	1.019988	-0.525	24.34	0
2022-09-03T14:10:43.095Z	0.978336	-0.7	24.3975	0
2022-09-03T14:11:23.350Z	1.008072	-0.9	24.44	0
2022-09-03T14:12:03.605Z	0.959112	-0.575	24.5025	0
2022-09-03T14:12:43.860Z	0.948852	-0.225	24.5475	0
2022-09-03T14:13:24.115Z	0.978012	-0.75	24.5925	0
2022-09-03T14:14:04.370Z	1.016964	-0.375	24.63	0
2022-09-03T14:14:44.625Z	1.042956	-0.375	24.6775	0
2022-09-03T14:15:24.880Z	0.9220896	-0.02	24.732	0
2022-09-03T14:16:05.135Z	0.972792	-0.525	24.7675	0
2022-09-03T14:16:45.390Z	1.026612	-0.175	24.8025	0
2022-09-03T14:17:25.645Z	0.958248	-0.725	24.84	0
2022-09-03T14:18:05.900Z	0.979128	-0.15	24.8675	0
2022-09-03T14:18:46.155Z	0.93258	-0.2	24.91	0
2022-09-03T14:19:26.410Z	1.038132	-0.325	24.9375	0
2022-09-03T14:20:06.665Z	1.034208	-0.95	24.9625	0
2022-09-03T14:20:46.920Z	1.011564	-0.7	24.975	0
2022-09-03T14:21:27.175Z	0.976176	-0.525	25.0225	0
2022-09-03T14:22:07.430Z	1.01826	0.7	25.0475	0
2022-09-03T14:22:47.685Z	0.956844	-0.35	25.0625	0
2022-09-03T14:23:27.940Z	0.996192	-0.05	25.115	0
2022-09-03T14:24:08.195Z	0.95976	-0.125	25.12	0
2022-09-03T14:24:48.450Z	0.9576	-0.125	25.1575	0
2022-09-03T14:25:28.705Z	1.001016	-0.775	25.18	0
2022-09-03T14:26:08.960Z	0.963396	-0.3	25.1975	0
2022-09-03T14:26:49.215Z	1.018548	-0.075	25.2225	0
2022-09-03T14:27:29.470Z	1.070136	-0.625	25.2525	0
2022-09-03T14:28:09.725Z	1.018728	-0.8	25.2825	0
2022-09-03T14:28:49.980Z	1.02888	-0.4	25.3075	0
2022-09-03T14:29:30.235Z	1.013724	0.25	25.35	0
2022-09-03T14:30:10.490Z	0.995976	-0.15	25.3725	0
2022-09-03T14:30:50.745Z	1.049868	-0.625	25.4125	0

2022-09-03T14:31:31.000Z	0.975816	-0.45	25.445	0
2022-09-03T14:32:11.255Z	1.010376	-0.45	25.5025	0
2022-09-03T14:32:51.510Z	0.95148	-0.175	25.5175	0
2022-09-03T14:33:31.765Z	0.783576	-0.225	25.5525	0
2022-09-03T14:34:12.020Z	0.87768	-0.7	25.6075	0
2022-09-03T14:34:52.275Z	0.891576	-0.125	25.6375	0
2022-09-03T14:35:32.530Z	0.975348	-0.725	25.67	0
2022-09-03T14:36:12.785Z	1.076364	-0.6	25.7125	0
2022-09-03T14:36:53.040Z	1.008144	-0.125	25.72	0
2022-09-03T14:37:33.295Z	1.000548	-1.025	25.7775	0
2022-09-03T14:38:13.550Z	0.91116	-0.425	25.8025	0
2022-09-03T14:38:53.805Z	0.963324	-1.125	25.85	0
2022-09-03T14:39:34.060Z	0.969192	-0.9	25.88	0
2022-09-03T14:40:14.315Z	1.026684	-0.75	25.895	0
2022-09-03T14:40:54.570Z	1.014084	0.275	25.945	0
2022-09-03T14:41:34.825Z	0.9969408	-0.52	25.99	0
2022-09-03T14:42:15.080Z	0.962028	-0.6	26.04	0
2022-09-03T14:42:55.335Z	1.020276	-0.8	26.0625	0
2022-09-03T14:43:35.590Z	0.9891	-0.275	26.0925	0
2022-09-03T14:44:15.845Z	0.901152	-0.65	26.14	0
2022-09-03T14:44:56.100Z	0.918612	-0.65	26.1775	0
2022-09-03T14:45:36.355Z	0.99306	-0.85	26.2125	0
2022-09-03T14:46:16.610Z	0.987372	-0.85	26.2425	0
2022-09-03T14:46:56.865Z	1.005444	-0.675	26.275	0
2022-09-03T14:47:37.120Z	1.022904	-0.775	26.3075	0
2022-09-03T14:48:17.375Z	1.021644	-0.525	26.37	0
2022-09-03T14:48:57.630Z	0.934632	-0.3	26.3975	0
2022-09-03T14:49:37.885Z	1.006164	-0.4	26.42	0
2022-09-03T14:50:18.140Z	0.972648	-0.25	26.47	0
2022-09-03T14:50:58.395Z	1.075284	-0.625	26.4975	0
2022-09-03T14:51:38.650Z	1.032624	-1.175	26.54	0
2022-09-03T14:52:18.905Z	0.874656	-1.05	26.5625	0
2022-09-03T14:52:59.160Z	0.95472	-0.225	26.6125	0
2022-09-03T14:53:39.415Z	0.9459	-0.95	26.6225	0
2022-09-03T14:54:19.670Z	1.04112	-0.175	26.6675	0
2022-09-03T14:54:59.925Z	0.939348	-0.7	26.6825	0
2022-09-03T14:55:40.180Z	1.009368	-0.35	26.7325	0
2022-09-03T14:56:20.435Z	0.919188	-0.675	26.7675	0
2022-09-03T14:57:00.690Z	0.95292	-1.35	26.795	0
2022-09-03T14:57:40.945Z	1.063044	-0.175	26.835	0
2022-09-03T14:58:21.200Z	0.922212	-0.575	26.875	0
2022-09-03T14:59:01.455Z	0.881568	-0.775	26.915	0
2022-09-03T14:59:41.710Z	1.021248	-0.85	26.965	0
2022-09-03T15:00:21.965Z	0.990252	-0.375	26.99	0
2022-09-03T15:01:02.220Z	1.017576	-0.1	27.0125	0
2022-09-03T15:01:42.475Z	1.056168	-0.3	27.0525	0
2022-09-03T15:02:22.730Z	1.015056	-1.025	27.1075	0

2022-09-03T15:03:02.985Z	1.03878	-0.275	27.13	0
2022-09-03T15:03:43.240Z	0.933732	-0.85	27.18	0
2022-09-03T15:04:23.495Z	0.884736	-0.925	27.215	0
2022-09-03T15:05:03.750Z	0.9476352	-0.78	27.256	0
2022-09-03T15:05:44.005Z	1.00998	-1.225	27.3025	0
2022-09-03T15:06:24.260Z	1.049184	-0.5	27.33	0
2022-09-03T15:07:04.515Z	1.044	-1.125	27.3225	0
2022-09-03T15:07:44.770Z	1.005984	-1.2	27.3975	0
2022-09-03T15:08:25.025Z	0.992376	-0.375	27.4325	0
2022-09-03T15:09:05.280Z	1.0476	-0.366666667	27.44	0
2022-09-03T15:09:45.535Z	1.067568	-0.7	27.49	0
2022-09-03T15:10:25.790Z	1.061676	-1.275	27.5175	0
2022-09-03T15:11:06.045Z	1.031652	-1	27.545	0
2022-09-03T15:11:46.300Z	0.91674	-0.475	27.6025	0
2022-09-03T15:12:26.555Z	1.021248	-1.425	27.615	0
2022-09-03T15:13:06.810Z	0.988164	-0.475	27.66	0
2022-09-03T15:13:47.065Z	0.966024	-0.925	27.6825	0
2022-09-03T15:14:27.320Z	1.011132	-0.5	27.7125	0
2022-09-03T15:15:07.575Z	0.967464	-1.1	27.7525	0
2022-09-03T15:15:47.830Z	0.907776	-0.975	27.7875	0
2022-09-03T15:16:28.085Z	0.881028	-1.15	27.825	0
2022-09-03T15:17:08.340Z	0.970092	0.3	27.8375	0
2022-09-03T15:17:48.595Z	0.994392	-0.025	27.8725	0
2022-09-03T15:18:28.850Z	1.02438	-0.425	27.9	0
2022-09-03T15:19:09.105Z	0.914112	-1.025	27.9225	0
2022-09-03T15:19:49.360Z	1.019844	-0.275	27.9475	0
2022-09-03T15:20:29.615Z	1.016928	-0.95	27.9525	0
2022-09-03T15:21:09.870Z	0.96606	-0.775	28	0
2022-09-03T15:21:50.125Z	1.003824	-0.6	28.035	0
2022-09-03T15:22:30.380Z	1.042272	-0.9	28.0475	0
2022-09-03T15:23:10.635Z	0.98442	-0.575	28.07	0
2022-09-03T15:23:50.890Z	0.997056	-0.55	28.1075	0
2022-09-03T15:24:31.145Z	1.004292	-0.6	28.12	0
2022-09-03T15:25:11.400Z	1.063188	-0.4	28.1575	0
2022-09-03T15:25:51.655Z	1.007136	-1.05	28.1575	0
2022-09-03T15:26:31.910Z	1.016136	-0.925	28.2	0
2022-09-03T15:27:12.165Z	1.036512	-0.85	28.2325	0
2022-09-03T15:27:52.420Z	1.012428	-1.125	28.2775	0
2022-09-03T15:28:32.675Z	0.968832	-0.95	28.2825	0
2022-09-03T15:29:12.930Z	1.031904	-0.775	28.33	0
2022-09-03T15:29:53.185Z	0.956376	-0.875	28.345	0
2022-09-03T15:30:33.440Z	1.034676	-0.5	28.37	0
2022-09-03T15:31:13.695Z	0.98802	-0.35	28.435	0
2022-09-03T15:31:53.950Z	1.0274976	-0.96	28.472	0
2022-09-03T15:32:34.205Z	0.9999	-0.4	28.5025	0
2022-09-03T15:33:14.460Z	1.009008	-1.05	28.55	0
2022-09-03T15:33:54.715Z	1.007676	-1.1	28.5825	0

2022-09-03T15:34:34.970Z	1.00872	-1.1	28.61	0
2022-09-03T15:35:15.225Z	1.01232	-0.525	28.6625	0
2022-09-03T15:35:55.480Z	1.012536	-0.65	28.685	0
2022-09-03T15:36:35.735Z	0.990468	-0.975	28.735	0
2022-09-03T15:37:15.990Z	1.05534	-1	28.7775	0
2022-09-03T15:37:56.245Z	0.951624	-0.2	28.8125	0
2022-09-03T15:38:36.500Z	0.965412	-0.775	28.865	0
2022-09-03T15:39:16.755Z	0.951444	-0.7	28.885	0
2022-09-03T15:39:57.010Z	1.002564	-0.975	28.945	0
2022-09-03T15:40:37.265Z	0.978696	-0.4	28.9525	0
2022-09-03T15:41:17.520Z	0.966708	-0.775	29.025	0
2022-09-03T15:41:57.775Z	0.901692	-1.125	29.05	0
2022-09-03T15:42:38.030Z	0.940536	-0.775	29.1	0
2022-09-03T15:43:18.285Z	0.997416	-0.875	29.125	0
2022-09-03T15:43:58.540Z	1.04004	-0.6	29.1575	0
2022-09-03T15:44:38.795Z	1.035036	-0.475	29.1975	0
2022-09-03T15:45:19.050Z	1.065492	-0.825	29.22	0
2022-09-03T15:45:59.305Z	1.05624	-1.275	29.28	0
2022-09-03T15:46:39.560Z	0.987948	-0.875	29.2975	0
2022-09-03T15:47:19.815Z	0.949428	-1.525	29.3525	0
2022-09-03T15:48:00.070Z	1.00494	-0.7	29.3825	0
2022-09-03T15:48:40.325Z	1.103976	-0.4	29.3975	0
2022-09-03T15:49:20.580Z	0.953244	-0.475	29.4475	0
2022-09-03T15:50:00.835Z	1.013076	-1.375	29.4825	0
2022-09-03T15:50:41.090Z	1.002024	-1.525	29.505	0
2022-09-03T15:51:21.345Z	0.97146	-1.35	29.5575	0
2022-09-03T15:52:01.600Z	1.005552	-1.075	29.5825	0
2022-09-03T15:52:41.855Z	1.041696	-1.225	29.63	0
2022-09-03T15:53:22.110Z	1.075896	-1	29.645	0
2022-09-03T15:54:02.365Z	1.017756	-1.2	29.685	0
2022-09-03T15:54:42.620Z	1.056528	-1.5	29.755	0
2022-09-03T15:55:22.875Z	1.033344	-1.15	29.7575	0
2022-09-03T15:56:03.130Z	0.924192	-0.65	29.8125	0
2022-09-03T15:56:43.385Z	0.989496	-0.625	29.855	0
2022-09-03T15:57:23.640Z	1.046448	-0.95	29.8775	0
2022-09-03T15:58:03.895Z	1.0295424	-0.76	29.932	0
2022-09-03T15:58:44.150Z	1.094796	-1.275	29.9675	0
2022-09-03T15:59:24.405Z	1.054872	-0.975	30.01	0
2022-09-03T16:00:04.660Z	0.983628	-0.7	30.05	0
2022-09-03T16:00:44.915Z	1.039032	-0.95	30.085	0
2022-09-03T16:01:25.170Z	0.988236	-1.575	30.1425	0
2022-09-03T16:02:05.425Z	1.055772	-1.225	30.165	0
2022-09-03T16:02:45.680Z	1.000008	-0.825	30.1975	0
2022-09-03T16:03:25.935Z	0.985644	-1.3	30.2275	0
2022-09-03T16:04:06.190Z	1.02528	-1.275	30.2625	0
2022-09-03T16:04:46.445Z	1.03086	-1.4	30.325	0
2022-09-03T16:05:26.700Z	1.054476	-1.175	30.3525	0

2022-09-03T16:06:06.955Z	1.047708	-0.9	30.3875	0
2022-09-03T16:06:47.210Z	1.000908	-1.35	30.41	0
2022-09-03T16:07:27.465Z	1.0035	-1	30.445	0
2022-09-03T16:08:07.720Z	1.05642	-0.85	30.4875	0
2022-09-03T16:08:47.975Z	1.028952	-1.25	30.53	0
2022-09-03T16:09:28.230Z	1.005228	-0.475	30.5475	0
2022-09-03T16:10:08.485Z	0.99504	-0.8	30.61	0
2022-09-03T16:10:48.740Z	1.011744	-1.325	30.6325	0
2022-09-03T16:11:28.995Z	1.083024	-1.3	30.665	0
2022-09-03T16:12:09.250Z	0.997092	-1.575	30.7425	0
2022-09-03T16:12:49.505Z	0.954684	-1.25	30.73	0
2022-09-03T16:13:29.760Z	1.042632	-1.425	30.7725	0
2022-09-03T16:14:10.015Z	1.033128	-1.8	30.8025	0
2022-09-03T16:14:50.270Z	0.995184	-0.9	30.87	0
2022-09-03T16:15:30.525Z	0.969228	-0.85	30.8775	0
2022-09-03T16:16:10.780Z	1.028088	-1.675	30.9225	0
2022-09-03T16:16:51.035Z	1.021392	-1.1	30.9625	0
2022-09-03T16:17:31.290Z	1.003536	-1.55	30.99	0
2022-09-03T16:18:11.545Z	1.041072	-1.5	31.04666667	0
2022-09-03T16:18:51.800Z	1.054944	-1.7	31.07	0
2022-09-03T16:19:32.055Z	1.098324	-1.05	31.1125	0
2022-09-03T16:20:12.310Z	1.023156	-1.3	31.17	0
2022-09-03T16:20:52.565Z	1.040688	-1.25	31.175	0
2022-09-03T16:21:32.820Z	1.033488	-0.925	31.2175	0
2022-09-03T16:22:13.075Z	0.940068	-1.125	31.2525	0
2022-09-03T16:22:53.330Z	0.958212	-0.975	31.2925	0
2022-09-03T16:23:33.585Z	0.992988	-0.975	31.3275	0
2022-09-03T16:24:13.840Z	0.925416	-0.75	31.3825	0
2022-09-03T16:24:54.095Z	0.997488	-0.8	31.41	0
2022-09-03T16:25:34.350Z	0.99576	-1.075	31.4325	0
2022-09-03T16:26:14.605Z	0.982896	-0.8	31.44666667	0
2022-09-03T16:26:54.860Z	0.9693792	-0.94	31.456	0
2022-09-03T16:27:35.115Z	0.988632	-0.375	31.4925	0
2022-09-03T16:28:15.370Z	1.031148	-1.5	31.5075	0
2022-09-03T16:28:55.625Z	1.037052	-0.75	31.5275	0
2022-09-03T16:29:35.880Z	1.03608	-1.15	31.53	0
2022-09-03T16:30:16.135Z	1.064628	-1.25	31.5825	0
2022-09-03T16:30:56.390Z	1.01142	-1.45	31.595	0
2022-09-03T16:31:36.645Z	1.071504	-1.375	31.635	0
2022-09-03T16:32:16.900Z	0.999504	-0.55	31.6575	0
2022-09-03T16:32:57.155Z	0.949284	-1.475	31.69	0
2022-09-03T16:33:37.410Z	0.974196	-1.625	31.715	0
2022-09-03T16:34:17.665Z	1.017504	-0.8	31.75	0
2022-09-03T16:34:57.920Z	1.034028	-0.925	31.765	0
2022-09-03T16:35:38.175Z	1.032552	-1.725	31.8075	0
2022-09-03T16:36:18.430Z	0.992196	-0.825	31.8275	0
2022-09-03T16:36:58.685Z	1.067688	-0.675	31.8475	0

2022-09-03T16:37:38.940Z	1.029024	-1.225	31.8875	0
2022-09-03T16:38:19.195Z	1.021572	-0.95	31.9125	0
2022-09-03T16:38:59.450Z	1.029348	-1.25	31.9425	0
2022-09-03T16:39:39.705Z	1.036296	-1.375	31.9675	0
2022-09-03T16:40:19.960Z	1.028592	-0.95	32.0175	0
2022-09-03T16:41:00.215Z	0.999648	-1.625	32.02	0
2022-09-03T16:41:40.470Z	0.989028	-0.95	32.06	0
2022-09-03T16:42:20.725Z	1.06614	-1.05	32.0925	0
2022-09-03T16:43:00.980Z	1.035288	-1.125	32.1125	0
2022-09-03T16:43:41.235Z	1.024596	-0.575	32.15	0
2022-09-03T16:44:21.490Z	1.010376	-0.725	32.1675	0
2022-09-03T16:45:01.745Z	1.033344	-0.825	32.21	0
2022-09-03T16:45:42.000Z	0.964584	-0.95	32.2225	0
2022-09-03T16:46:22.255Z	1.027476	-0.85	32.2525	0
2022-09-03T16:47:02.510Z	1.0287	-1.7	32.2625	0
2022-09-03T16:47:42.765Z	1.012536	-1.4	32.3	0
2022-09-03T16:48:23.020Z	1.009548	-0.4	32.325	0
2022-09-03T16:49:03.275Z	1.026936	-0.95	32.3475	0
2022-09-03T16:49:43.530Z	1.03806	-1.3	32.3725	0
2022-09-03T16:50:23.785Z	1.026504	-1.075	32.39	0
2022-09-03T16:51:04.040Z	1.0014624	-1.12	32.416	0
2022-09-03T16:51:44.295Z	1.049364	-1.75	32.4375	0
2022-09-03T16:52:24.550Z	1.041792	-1.1	32.47	0
2022-09-03T16:53:04.805Z	1.0337184	-1.38	32.49	0
2022-09-03T16:53:45.060Z	1.045476	-1.3	32.515	0
2022-09-03T16:54:25.315Z	1.04706	-1	32.545	0
2022-09-03T16:55:05.570Z	1.063728	-1.125	32.5625	0
2022-09-03T16:55:45.825Z	1.034568	-0.775	32.565	0
2022-09-03T16:56:26.080Z	0.985428	-1.1	32.6025	0
2022-09-03T16:57:06.335Z	1.050804	-0.975	32.605	0
2022-09-03T16:57:46.590Z	1.0269	-0.625	32.6325	0
2022-09-03T16:58:26.845Z	0.999432	-1	32.6525	0
2022-09-03T16:59:07.100Z	1.030464	-1.625	32.695	0
2022-09-03T16:59:47.355Z	1.050192	-1.35	32.7	0
2022-09-03T17:00:27.610Z	1.02726	-1.8	32.7175	0
2022-09-03T17:01:07.865Z	1.025028	-0.925	32.755	0
2022-09-03T17:01:48.120Z	1.046016	-0.7	32.755	0
2022-09-03T17:02:28.375Z	1.060056	-1.375	32.8	0
2022-09-03T17:03:08.630Z	1.022472	-1.25	32.81	0
2022-09-03T17:03:48.885Z	1.052856	-1.075	32.835	0
2022-09-03T17:04:29.140Z	1.057212	-0.675	32.855	0
2022-09-03T17:05:09.395Z	1.0422	-1	32.885	0
2022-09-03T17:05:49.650Z	1.00224	-1.125	32.9125	0
2022-09-03T17:06:29.905Z	1.002852	-1.575	32.9175	0
2022-09-03T17:07:10.160Z	0.955368	-1.85	32.9475	0
2022-09-03T17:07:50.415Z	1.003428	-1.575	32.9675	0
2022-09-03T17:08:30.670Z	0.9963	-1.025	33	0

2022-09-03T17:09:10.925Z	0.998352	-1.15	33	0
2022-09-03T17:09:51.180Z	1.049004	-1.6	32.995	0
2022-09-03T17:10:31.435Z	1.025928	-1.4	33.025	0
2022-09-03T17:11:11.690Z	1.029528	-1.4	33.05	0
2022-09-03T17:11:51.945Z	1.004688	-1.25	33.0725	0

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C6+ Gas Analysis Report

14846G	Double L Queen #1K	Double L Queen #1K	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022057681	Tedlar Bag	Stacy - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Aug 29, 2022 18:35	Aug 29, 2022 18:35	Sep 6, 2022 08:50	Sep 6, 2022
Date Sampled	Date Effective	Date Received	Date Reported
Torrance			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Well Done Foundation		NG	
Operator		Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	72.0150	72.01495	
CO2 (CO2)	0.0000	0	
Methane (C1)	22.0380	22.03761	
Ethane (C2)	3.2390	3.23931	0.8660
Propane (C3)	1.5060	1.50579	0.4150
I-Butane (IC4)	0.1670	0.16718	0.0550
N-Butane (NC4)	0.4020	0.4016	0.1270
I-Pentane (IC5)	0.1230	0.12313	0.0450
N-Pentane (NC5)	0.1430	0.14295	0.0520
Hexanes Plus (C6+)	0.3670	0.36748	0.1590
TOTAL	100.0000	100.0000	1.7190

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
367.1	361.7	367.9	362.5

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9056	0.9051
Molecular Weight	
26.2119	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
0 PPM

PROTREND STATUS: Passed By Validator on Sep 7, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON:
Close enough to be considered reasonable.

VALIDATOR:
Luis Cano
VALIDATOR COMMENTS:
Methane 220,380 PPM

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Aug 14, 2022

Source	Date	Notes
Luis Cano	Sep 7, 2022 7:14 am	Methane = 220,038 PPM



Test Report

Start Date: Friday, September 2nd, 2022, 7:06 PM MDT
End Date: Saturday, September 3rd, 2022, 11:12 AM MDT
Device: VB100-0003
Well Licensee: NMOCD
Well Name: Double L Queen 01K
UWI: 30-005-60078
Well License Number: 30 -005-60078
Surface Location: Bogle
Bottom Hole Location: unknown

Test Operator: ces
Authorized By: NMOCD
Test Reason: IIJA PRE PLUG
Scope Of Work: 12-Hour
AFE Number: NMOCD038AA / APWS22.001
GPS: 33.05145,-103.97415
Notes: GTG

Flow Test

Average Flowrate

1.17

m3/d

5.84

g/ hour

Average Flow
Temperature**23.9**

°C

Average Flow
Pressure**-0.0**

kPag

Flow Duration

16.1

hours

Pressure Test

Maximum Shut-In Pressure

--

Last 24Hr Average Shut-In
Pressure

--

*Displays after 24hrs of stabilized shut-in pressure

Extrapolated Shut-In Pressure

--

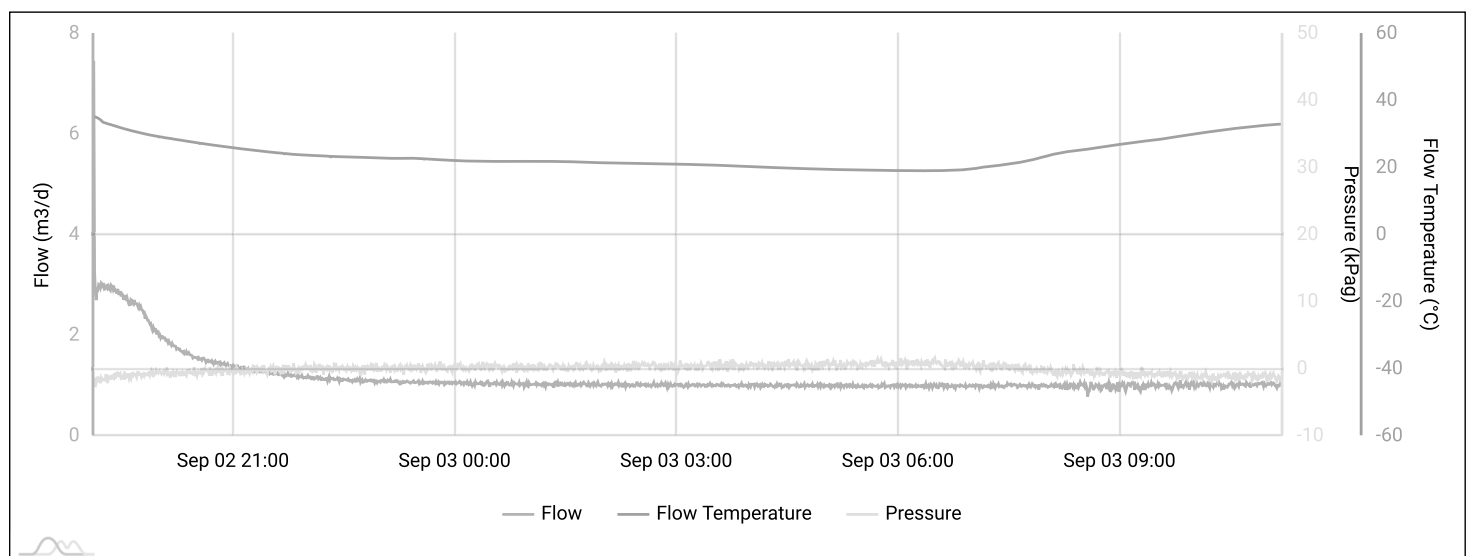
*Only valid for an unstable shut-in pressure

Shut-in Pressure Duration

0.0

hours

Flow/Pressure/Temperature Timeseries



Field Notes

Data Retention Time:

Testing data shall be stored on this web platform for a period of 6-months. It is strongly recommended that the User download and store the electronic PDF reports and CSV Data into their own database, immediately upon viewing.

Ventbuster Instruments Inc. Disclaimer:

The Ventbuster® is a high precision low flow vent gas meter. As it is deployed into testing conditions beyond our control, we are not liable for, or make warranties, as to the resultant test information. Any decisions or interpretations made from the test results are the sole responsibility and discretion of the User.

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Weather in Roswell, August 29

August 29, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +77°	+77°	26.3	S 6.5	56%
Morning	 +68°	+68°	26.3	E 4.9	63%
Day	 +91°	+91°	26.5	NE 6.3	20%
Evening	 +86°	+86°	26.4	SW 9.8	30%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

August 29, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +77°	+77°	26.5	NE 6.9	52%
Morning	 +68°	+68°	26.5	SE 5.1	76%

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 +68°

Day		+88°	+90°	26.5	SE 8.9	42%
Evening		+86°	+86°	26.5	E 8.1	32%

Bio-meteorological forecast

Meteorological sensitivity index	4	Strong reactions to the weather are possible by meteosensitive people.
Geomagnetic conditions	3	Strong solar activity will affect meteosensitive people.
Influence of solar activity	2	High risk of harm from unprotected sun exposure for people with sensitive skin types.

August 29, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +86°	+86°	26.4	N 9.4	33%
Morning	 +75°	+75°	26.4	N 8.7	50%
Day		+97°	26.5	E 7.8	28%
Evening	 +97°	+97°	26.4	SW 9.8	22%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
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Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.



Weather in Roswell, August 30

August 30, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +66°	+66°	26.5	E 4.5	67%
Morning	 +66°	+66°	26.5	NW 4.3	74%
Day	 +75°	+75°	26.6	NE 8.7	36%
Evening	 +73°	+73°	26.6	SW 5.6	65%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.

August 30, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +77°	+77°	26.5	E 5.4	50%
Morning	 +68°	+68°	26.4	E 3.1	78%

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 +68°

Day		+86°	+86°	26.5	S 8.1	39%
Evening		+86°	+86°	26.4	SW 9.2	37%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

August 30, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +86°	+86°	26.4	SE 5.8	28%
Morning	 +73°	+73°	26.3	NW 3.6	55%
Day	 +97°	+97°	26.4	NW 6.5	31%
Evening	 +95°	+95°	26.3	S 8.9	21%

Bio-meteorological forecast

Meteorological sensitivity index	4	Strong reactions to the weather are possible by meteosensitive people.
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Effect of low pressure	1	Low atmospheric pressure may affect some meteosensitive people.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.



Weather in Roswell, August 31

August 31, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +66°	+66°	26.6	NE 6.9	87%
Morning	 +68°	+68°	26.6	N 6.3	92%
Day	 +79°	+81°	26.6	NE 7.6	52%
Evening	 +68°	+68°	26.5	NE 6	77%

Bio-meteorological forecast

Meteorological sensitivity index	2	Some meteosensitive people may feel mild symptoms due to the weather.
Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	3	High risk of harm from unprotected sun exposure due to UV radiation.

August 31, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +73°	+73°	26.3	S 6.5	57%
Morning	 +68°	+68°	26.3	S 5.8	75%

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		+68°				
Day		+93°	+93°	26.4	SW 7.6	36%
Evening		+88°	+88°	26.3	W 8.9	34%

Bio-meteorological forecast

Meteorological sensitivity index	4	Strong reactions to the weather are possible by meteosensitive people.
Effect of low pressure	1	Low atmospheric pressure may affect some meteosensitive people.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

August 31, 2020

	Atmospheric conditions and temperature °F		RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night		+77°	+77°	26.2	W 7.8	32%
Morning		+75°	+75°	26.3	SW 4.7	40%
Day		+90°	+90°	26.4	N 11	29%
Evening		+88°	+88°	26.3	S 6.9	27%

Bio-meteorological forecast

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Meteorological sensitivity index	4	Strong reactions to the weather are possible by meteosensitive people.
Effect of low pressure	1	Low atmospheric pressure may affect some meteosensitive people.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.



Weather in Roswell, September 1

September 01, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +66°	+66°	26.5	NE 3.6	93%
Morning	 +66°	+66°	26.5	W 3.6	97%
Day	 +81°	+82°	26.5	S 5.6	58%
Evening	 +77°	+77°	26.4	S 8.3	61%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	3	High risk of harm from unprotected sun exposure due to UV radiation.

September 01, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +79°	+79°	26.3	SE 7.6	53%
Morning	 +68°	+68°	26.3	S 5.8	66%

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 +68°

Day	 +95°	+95°	26.4	S 11.4	34%
Evening	 +81°	+82°	26.3	SW 8.9	48%

Bio-meteorological forecast

Meteorological sensitivity index	4	Strong reactions to the weather are possible by meteosensitive people.
Geomagnetic conditions	3	Strong solar activity will affect meteosensitive people.
Influence of solar activity	3	High risk of harm from unprotected sun exposure due to UV radiation.

September 01, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +75°	+75°	26.3	SW 5.1	48%
Morning	 +70°	+70°	26.3	NW 4.7	56%
Day	 +95°	+95°	26.4	NW 14.5	18%
Evening	 +81°	+81°	26.3	NW 16.6	31%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
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Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	3	High risk of harm from unprotected sun exposure due to UV radiation.
Influence of the phases of the moon	1	Insomniacs may be affected by the full moon, resulting in tiredness during the day.



Weather in Roswell, September 2

September 02, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+68°	+68°	26.5	S 7.6	93%
Morning	+66°	+66°	26.5	S 4	99%
Day	+81°	+82°	26.5	SE 5.6	51%
Evening	+84°	+86°	26.5	SE 7.8	50%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

September 02, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+75°	+75°	26.4	N 4	83%
Morning	+70°	+70°	26.4	S 2.7	98%

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**+70°**

Day		+86°	+91°	26.5	S	7.8	60%
Evening		+79°	+79°	26.4	S	8.9	55%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

September 02, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+70°	+70°	26.3	NW 8.3	46%
Morning	+66°	+66°	26.4	N 9.2	47%
Day	+90°	+90°	26.5	NE 11.9	27%
Evening	+90°	+90°	26.4	NE 8.5	21%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
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Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.
Influence of the phases of the moon	1	Insomniacs may be affected by the full moon, resulting in tiredness during the day.



Weather in Roswell, September 3

September 03, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +70°	+72°	26.5	NE 5.6	86%
Morning	 +66°	+66°	26.6	N 3.1	94%
Day	 +88°	+88°	26.7	NE 7.8	33%
Evening	 +81°	+81°	26.6	E 9.2	39%

Bio-meteorological forecast

Meteorological sensitivity index	4	Strong reactions to the weather are possible by meteosensitive people.
Geomagnetic conditions	3	Strong solar activity will affect meteosensitive people.
Influence of solar activity	3	High risk of harm from unprotected sun exposure due to UV radiation.

September 03, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +73°	+73°	26.4	S 3.6	80%
Morning	 +70°	+70°	26.4	S 4.9	85%

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 +70°

Day		+91°	+93°	26.5	SW 7.4	38%
Evening		+86°	+90°	26.5	SW 10.1	59%

Bio-meteorological forecast

Meteorological sensitivity index	2	Some meteosensitive people may feel mild symptoms due to the weather.
Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

September 03, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +73°	+73°	26.4	SW 6.3	42%
Morning	 +64°	+64°	26.4	E 4	54%
Day	 +97°	+97°	26.5	E 6.9	21%
Evening	 +97°	+97°	26.5	S 8.9	14%

Bio-meteorological forecast

Meteorological sensitivity index	2	Some meteosensitive people may feel mild symptoms due to the weather.
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Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	4	Extreme risk of harm from unprotected sun exposure due to intense UV radiation, staying in shade during midday is recommended.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 150863

CONDITIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 150863
	Action Type: [IM-SD] Well File Support Doc (ENV) (IM-BWF)

CONDITIONS

Created By	Condition	Condition Date
jgriswold	None	10/13/2022