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TO: Randy Pancheco, APWS; Jim Griswold, NMOCD

FROM: Curtis Shuck, Chairman

DATE: November 13, 2022

RE: Cochise-King Gas Com #001 (30-025-30812) 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 in Lea County, NM.

The site conditions found at Cochise-King Gas Com #001 by the WDF Measure 1 Team on September 20, 2022, at 1:38 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 a 24.5-hour Methane Emissions Flow Monitoring Test using Ventbuster™ Instruments VB100-049 Ultra-Low Flow Meter with GPS for site location verification.



Image 1.1 – Cochise-King Gas Com #001 (30-025-30812) Lea County, New Mexico

The findings from the Pre-Plugging Methane Flow Monitoring Test, using Ventbuster™ Instruments VB100-0049 Ultra-Low Flow Meter with GPS, resulted in 85.61 cubic meters of total measured wellhead emissions over the 24.5-hour period that established an average methane flow rate of 83.87 m³/day. A composite gas sample was collected at the wellhead by WDF during the methane flow test beginning on September 20, 2022, and at the end of the methane flow test on September 21, 2022, approximately 24.5-hours later. Methane gas concentration levels were measured at 762,470 ppm, pursuant to Test ID 2022058141 performed by Laboratory Services of Hobbs, NM on September 22, 2022, at 8:11 A.M. Therefore, the average methane gas emission measured at this wellhead is calculated at **1,476.14 grams per hour (g/hour)**.¹ The peak methane gas emission was recorded at 2:52 P.M. on September 20, 2022 and would indicate that this orphan well has a much higher emission rate potential of **2,313.57 grams per hour (g/hour)**.

¹ Methane Calculation: 554 grams CH₄ per cubic meter (554 x 83.87 = 46,463.98 g/day total / 24 = 1,935.99 g/hour x 0.762470 (methane concentration) = **1,476.14 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: Tuesday, September 20th, 2022, 1:28 PM MDT	Test Operator: DJF
End Date: Wednesday, September 21st, 2022, 1:58 PM MDT	Authorized By: NMOCD
Device: VB100-0049	Test Reason: PRE PLUG
Well Licensee: NMOCD	Scope Of Work: 12-Hour
Well Name: CHOCHISE-KING GAS COM 001	AFE Number: NMOCD038AA/APWS22.001
UWI: 30-025-30812	GPS: 32.32065,-103.22261
Well License Number: 30-025-30812	Notes: GTG
Surface Location: PRIVATE	
Bottom Hole Location: UNK	

Flow Test

Average Flowrate 83.87 m3/d 1,476.14 g/ hour	Average Flow Temperature 27.6 °C	Average Flow Pressure -1.0 kPag	Flow Duration 24.5 hours
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Image 2.1 – Cochise-King Gas Com #001 (30-025-30812) Methane Monitoring Dashboard

BACKGROUND

The Cochise-King #001 (30-025-30812) Orphan Well is located in Lea County, NM at Latitude 32.3207169, Longitude -103.2224731 was measured and monitored by the WDF Field Team on 9/20-21/2022 following a Safety Briefing. Per the WDF protocol, the GPS coordinates were updated and 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	COCHISE-KING GAS COM #001 (30-025-30812)						
Stage	Stage 2b - Contract Monitoring Completed						⌵
GPS	32.3207169		✓	-103.2224731		✓	
API	30-025-30812						
Contract ID	NMOCD0038AA/APWS22.001						

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

The WDF Field Team collected Gas Sample #1 and #2 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 1:28 P.M MDT on 9.20.2022 as the well was being prepared for the Preliminary Flow Measurement. Gas Sample #2 was collected in the same 1 Liter Tedlar Bag on 9.21.2022 before the Preliminary Flow Test was concluded 1:58 P.M. MDT. The collected Gas Sample was secured and placed in a storage cooler for transport to Laboratory Services, Inc. in Hobbs, NM.

WDF rigged up the Ventbuster™ Instruments VB100-049 Continuous Ultra-Low Flow Meter with GPS for testing site confirmation for a minimum 12-Hour Methane Emission Test and began Test ID: 7cc44849, verifying a cellular signal, cloud link and GPS coordinates on September 20, 2022.

WDF returned to location on 9.21.2022 (approximately 24.5-hours) to conclude the Pre-Plugging Methane Emission Flow Test and rig the VB100-049 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

Cochise-King Gas Co #001 (30-025-30812):

- **Total C1 through C6 Gas Concentration: 889,650 ppm**
- **Total Measured Wellhead Gas Emissions: 83.87 m3/day**
- **Methane Gas Concentration: 762,470 ppm**
- **Calculated Average Wellhead Methane Gas Emissions: 1,476.14 g/hour**
- **Peak Methane Flow Measured at: 2,313.57 g/hour**

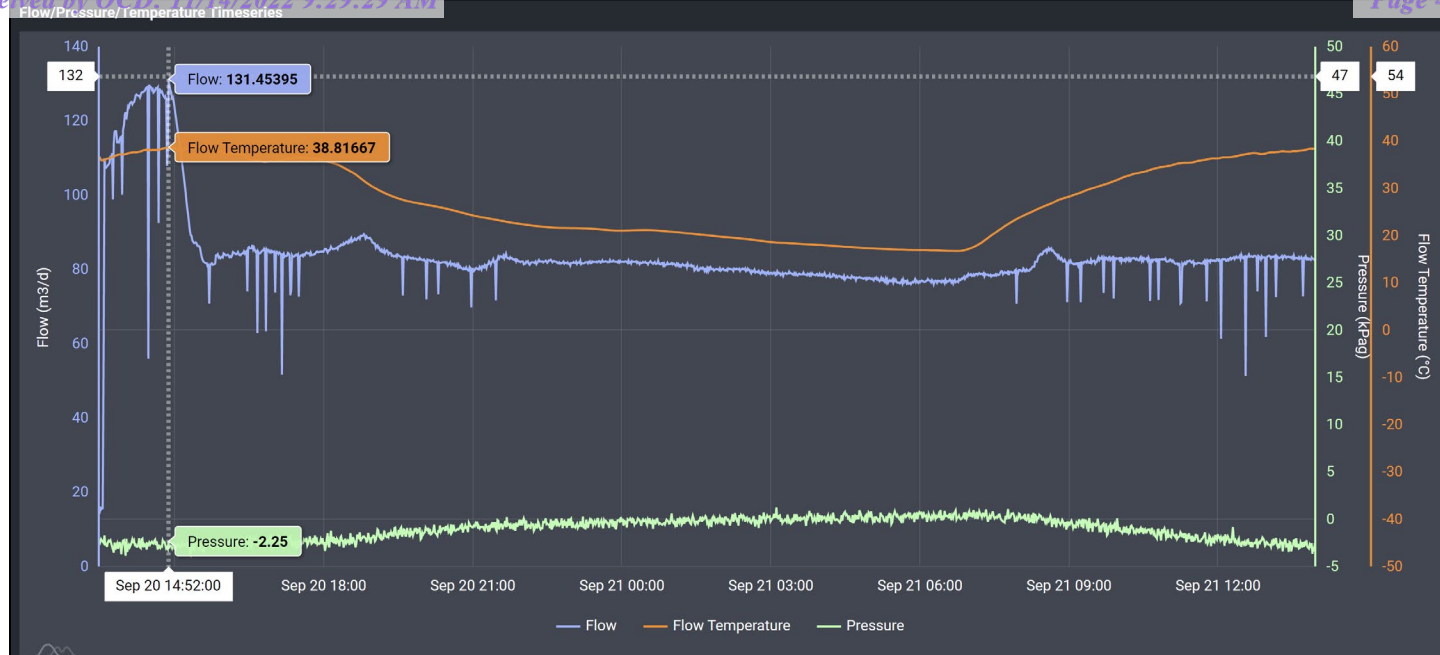


Image 4.1 – Cochise-King Gas Com #001 (30-025-30812) Methane Flow/Pressure/Temperature Timeseries & Peak Flow

CONCLUSIONS

- The Cochise-King Gas Com #001 (30-025-30812) is currently emitting Methane at the average rate of 1,476.14 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 2,313.57 m3/day recorded at 1:58 P.M on September 21, 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	2022-10-20	ces: WDF Measure 1 Team on Location of the Cochise King Gas Co #001. Site photos. Update GPS. Gather Gas Sample #1. Rig up VB100-049 for Methane Flow Testing.
2	2022-09-21	ces: Back on location with WDF Measure 1 to collect Gas Sample #2 from the Cochise King Gas Co #001 well. Good Methane Flow Test. Rig down VB100-049 from the 2 3/8" and secure wellhead. Place Green Ribbon @ Well to indicate Methane Flow Measurements are completed. WILDCAT OUT!

Image 4.2 – Cochise-King Gas Com #001 (30-025-30812) Field Notes from WDF Well Intel™ Orphan Well Project Management IoT

Appendix A – Site Photos for Cochise-King Gas Com #001 (30-025-30812)



1) Cochise-King Gas Com #001 (30-025-30812) – North Facing



2) Cochise-King Gas Com #001 (30-025-30812) – West Facing



3) Cochise-King Gas Com #001 (30-025-30812) – Gas Sample



4) Cochise-King Gas Com #001 (30-025-30812) – VB100-049 Rig

Well Done Foundation, Inc. / Ventbuster Test Data

Test ID: 632b6ced175f10f07cc44849
 Start Date: Tue Sep 20 2022 19:28:24 GMT+0000 (Coordinated Universal Time)
 End Date: Wed Sep 21 2022 19:58:31 GMT+0000 (Coordinated Universal Time)
 Device: VB100-0049
 Well Owner: Well Done Foundation Inc.
 Service Provider: Well Done Foundation Inc.
 Well Licensee: NMOCD
 Well Name: CHOCHISE-KING GAS COM 001
 UWI: 30-025-30812
 Well License Number: 30-025-30812
 Surface Location: PRIVATE
 Bottom Hole Location: UNK
 Test Operator: DJF
 Authorized By: NMOCD
 Test Reason: PRE PLUG
 Scope of Work: 12-Hour
 AFE Number: NMOCD038AA/APWS22.001
 GPS: 32.32065 -103.22261
 Notes: GTG

Field Notes:

time	Flow_m3_per_day	Pressure_kPag	Flow_Temperature_C	Shut_in_Status_Mode
2022-09-20T19:28:24.000Z	14.297448	-2.65	36.87666667	0
2022-09-20T19:29:25.254Z	16.235496	-2.35	36.46666667	0
2022-09-20T19:30:26.508Z	15.511248	-2.05	36.075	0
2022-09-20T19:31:27.762Z	15.829464	-2.2	36.065	0
2022-09-20T19:32:29.016Z	15.843792	-2.3	36.115	0
2022-09-20T19:33:30.270Z	59.46375086	-2.442857143	35.98857143	0
2022-09-20T19:34:31.524Z	110.022528	-1.65	36.1	0
2022-09-20T19:35:32.778Z	107.918544	-2.583333333	36.21333333	0
2022-09-20T19:36:34.032Z	107.591424	-2.55	36.295	0
2022-09-20T19:37:35.286Z	107.864088	-2.85	36.37833333	0
2022-09-20T19:38:36.540Z	108.154272	-2.4	36.43333333	0
2022-09-20T19:39:37.794Z	108.44676	-2.2	36.49166667	0
2022-09-20T19:40:39.048Z	108.750312	-2.283333333	36.54166667	0
2022-09-20T19:41:40.302Z	110.7560777	-2.157142857	36.61857143	0
2022-09-20T19:42:41.556Z	109.756536	-2.5	36.66833333	0
2022-09-20T19:43:42.810Z	111.473568	-2.833333333	36.725	0
2022-09-20T19:44:44.064Z	98.999808	-3.15	36.78833333	0
2022-09-20T19:45:45.318Z	113.748504	-3.466666667	36.86	0
2022-09-20T19:46:46.572Z	117.189096	-2.4	36.94833333	0
2022-09-20T19:47:47.826Z	117.372984	-3.166666667	37.04	0
2022-09-20T19:48:49.080Z	117.313176	-2.7	37.10833333	0
2022-09-20T19:49:50.334Z	114.3585669	-2.471428571	37.18428571	0
2022-09-20T19:50:51.588Z	114.387	-3.083333333	37.24	0
2022-09-20T19:51:52.842Z	114.287016	-2.65	37.28833333	0
2022-09-20T19:52:54.096Z	115.180632	-2.333333333	37.32333333	0
2022-09-20T19:53:55.350Z	115.734216	-2.75	37.34	0
2022-09-20T19:54:56.604Z	115.895904	-3.65	37.35166667	0
2022-09-20T19:55:57.858Z	100.25724	-2.55	37.33	0
2022-09-20T19:56:59.112Z	117.538752	-2.2	37.32166667	0
2022-09-20T19:58:00.366Z	118.9690354	-2.142857143	37.31714286	0
2022-09-20T19:59:01.620Z	121.703352	-2.966666667	37.33333333	0
2022-09-20T20:00:02.874Z	122.524368	-3.8	37.37166667	0
2022-09-20T20:01:04.128Z	120.494544	-2	37.41666667	0

2022-09-20T20:02:05.382Z	122.37612	-3.4	37.49	0
2022-09-20T20:03:06.636Z	124.107096	-2.916666667	37.53833333	0
2022-09-20T20:04:07.890Z	123.834048	-2.65	37.58833333	0
2022-09-20T20:05:09.144Z	124.769904	-2.9	37.63833333	0
2022-09-20T20:06:10.398Z	125.134128	-2.642857143	37.67	0
2022-09-20T20:07:11.652Z	125.207928	-2.4	37.69833333	0
2022-09-20T20:08:12.906Z	124.625856	-2.05	37.72333333	0
2022-09-20T20:09:14.160Z	125.076672	-2.3	37.76833333	0
2022-09-20T20:10:15.414Z	125.171472	-2.15	37.77333333	0
2022-09-20T20:11:16.668Z	125.899512	-2.65	37.75	0
2022-09-20T20:12:17.922Z	126.994872	-2.6	37.74833333	0
2022-09-20T20:13:19.176Z	127.262112	-2.85	37.76333333	0
2022-09-20T20:14:20.430Z	127.0367589	-2.857142857	37.78714286	0
2022-09-20T20:15:21.684Z	126.925488	-2.583333333	37.82666667	0
2022-09-20T20:16:22.938Z	126.971664	-1.95	37.86	0
2022-09-20T20:17:24.192Z	126.466248	-2.9	37.89666667	0
2022-09-20T20:18:25.446Z	127.201056	-3	37.945	0
2022-09-20T20:19:26.700Z	127.799784	-2.083333333	38.03333333	0
2022-09-20T20:20:27.954Z	127.819392	-2	38.10166667	0
2022-09-20T20:21:29.208Z	127.942896	-2.9	38.175	0
2022-09-20T20:22:30.462Z	128.1281966	-2.585714286	38.20714286	0
2022-09-20T20:23:31.716Z	128.421096	-2.733333333	38.25166667	0
2022-09-20T20:24:32.970Z	128.943816	-2.6	38.265	0
2022-09-20T20:25:34.224Z	129.146448	-3.15	38.27	0
2022-09-20T20:26:35.478Z	129.282	-2.55	38.25	0
2022-09-20T20:27:36.732Z	56.120616	-2.65	38.235	0
2022-09-20T20:28:37.986Z	129.867072	-2.4	38.22833333	0
2022-09-20T20:29:39.240Z	129.2027451	-2.614285714	38.23428571	0
2022-09-20T20:30:40.494Z	129.192144	-2.4	38.22666667	0
2022-09-20T20:31:41.748Z	128.485416	-2.3	38.22833333	0
2022-09-20T20:32:43.002Z	128.710848	-2.466666667	38.23833333	0
2022-09-20T20:33:44.256Z	127.77516	-2.516666667	38.25333333	0
2022-09-20T20:34:45.510Z	128.000568	-2.233333333	38.24666667	0
2022-09-20T20:35:46.764Z	128.483928	-2.1	38.23666667	0
2022-09-20T20:36:48.018Z	128.943672	-2.65	38.23333333	0
2022-09-20T20:37:49.272Z	128.7869143	-2.271428571	38.23428571	0
2022-09-20T20:38:50.526Z	129.1722	-3.15	38.24666667	0
2022-09-20T20:39:51.780Z	92.640744	-2.616666667	38.29166667	0
2022-09-20T20:40:53.034Z	128.874552	-2.883333333	38.32	0
2022-09-20T20:41:54.288Z	128.337768	-3	38.37333333	0
2022-09-20T20:42:55.542Z	127.883424	-2.8	38.40833333	0
2022-09-20T20:43:56.796Z	128.086728	-2.85	38.47333333	0
2022-09-20T20:44:58.050Z	127.47192	-2.183333333	38.53166667	0
2022-09-20T20:45:59.304Z	126.9194811	-2.385714286	38.57857143	0
2022-09-20T20:47:00.558Z	126.436272	-2.35	38.61166667	0
2022-09-20T20:48:01.812Z	126.756984	-2.633333333	38.65	0
2022-09-20T20:49:03.066Z	125.742888	-3.033333333	38.69666667	0
2022-09-20T20:50:04.320Z	108.045504	-2.9	38.735	0
2022-09-20T20:51:05.574Z	112.048632	-3.1	38.77166667	0
2022-09-20T20:52:06.828Z	131.453952	-2.25	38.81666667	0
2022-09-20T20:53:08.082Z	129.389592	-2.833333333	38.85666667	0
2022-09-20T20:54:09.336Z	128.4873531	-2.714285714	38.88714286	0
2022-09-20T20:55:10.590Z	127.75164	-2.75	38.87166667	0
2022-09-20T20:56:11.844Z	125.81784	-3	38.79833333	0
2022-09-20T20:57:13.098Z	126.36816	-2.683333333	38.70666667	0

2022-09-20T20:58:14.352Z	125.229984	-2.4	38.65	0
2022-09-20T20:59:15.606Z	123.675072	-3.15	38.59833333	0
2022-09-20T21:00:16.860Z	121.942464	-2.8	38.57333333	0
2022-09-20T21:01:18.114Z	120.512136	-3	38.54	0
2022-09-20T21:02:19.368Z	118.767888	-2.614285714	38.50714286	0
2022-09-20T21:03:20.622Z	116.833992	-2.583333333	38.48166667	0
2022-09-20T21:04:21.876Z	115.579224	-2.833333333	38.45	0
2022-09-20T21:05:23.130Z	114.051024	-2.883333333	38.445	0
2022-09-20T21:06:24.384Z	112.080672	-2.75	38.41833333	0
2022-09-20T21:07:25.638Z	110.572752	-2.85	38.39333333	0
2022-09-20T21:08:26.892Z	108.560064	-2.3	38.37833333	0
2022-09-20T21:09:28.146Z	106.747824	-2.65	38.40333333	0
2022-09-20T21:10:29.400Z	105.0088114	-2.557142857	38.43285714	0
2022-09-20T21:11:30.654Z	102.788664	-2.6	38.46	0
2022-09-20T21:12:31.908Z	101.003304	-2.816666667	38.50333333	0
2022-09-20T21:13:33.162Z	98.294184	-2.8	38.53	0
2022-09-20T21:14:34.416Z	96.543264	-2.383333333	38.59333333	0
2022-09-20T21:15:35.670Z	94.837944	-2.4	38.625	0
2022-09-20T21:16:36.924Z	92.853552	-2.65	38.665	0
2022-09-20T21:17:38.178Z	90.826752	-3.45	38.69333333	0
2022-09-20T21:18:39.432Z	89.44539429	-3.642857143	38.73714286	0
2022-09-20T21:19:40.686Z	89.161752	-2.9	38.77333333	0
2022-09-20T21:20:41.940Z	87.955584	-3.05	38.78333333	0
2022-09-20T21:21:43.194Z	87.603	-2.1	38.79166667	0
2022-09-20T21:22:44.448Z	87.248496	-3.4	38.81833333	0
2022-09-20T21:23:45.702Z	87.302496	-2.8	38.81666667	0
2022-09-20T21:24:46.956Z	87.421728	-2.633333333	38.84666667	0
2022-09-20T21:25:48.210Z	87.181536	-2.45	38.89333333	0
2022-09-20T21:26:49.464Z	86.54046171	-2.3	38.92571429	0
2022-09-20T21:27:50.718Z	86.5296	-2.4	38.96833333	0
2022-09-20T21:28:51.972Z	86.389728	-3.3	39.00166667	0
2022-09-20T21:29:53.226Z	86.00328	-2.633333333	39.03	0
2022-09-20T21:30:54.480Z	84.6882	-2.566666667	39.025	0
2022-09-20T21:31:55.734Z	83.562744	-3.083333333	38.99833333	0
2022-09-20T21:32:56.988Z	82.851768	-3.25	38.96	0
2022-09-20T21:33:58.242Z	82.311	-3.15	38.91666667	0
2022-09-20T21:34:59.496Z	82.111104	-3.457142857	38.87571429	0
2022-09-20T21:36:00.750Z	81.957024	-2.675	38.84	0
2022-09-20T21:37:02.004Z	81.803664	-2.6	38.8	0
2022-09-20T21:38:03.258Z	81.806304	-2.8	38.79166667	0
2022-09-20T21:39:04.512Z	81.05724	-2.6	38.74333333	0
2022-09-20T21:40:05.766Z	81.297072	-2.266666667	38.7	0
2022-09-20T21:41:07.020Z	70.94388	-2.15	38.67333333	0
2022-09-20T21:42:08.274Z	81.054264	-2.25	38.58833333	0
2022-09-20T21:43:09.528Z	81.55133486	-3.028571429	38.53	0
2022-09-20T21:44:10.782Z	81.787368	-2.516666667	38.47833333	0
2022-09-20T21:45:12.036Z	81.387768	-2.85	38.425	0
2022-09-20T21:46:13.290Z	81.431784	-3.05	38.37333333	0
2022-09-20T21:47:14.544Z	81.532488	-2.916666667	38.27666667	0
2022-09-20T21:48:15.798Z	81.706536	-2.583333333	38.14833333	0
2022-09-20T21:49:17.052Z	83.960496	-2.6	38.02166667	0
2022-09-20T21:50:18.306Z	83.937696	-2.683333333	37.935	0
2022-09-20T21:51:19.560Z	84.239688	-3.016666667	37.89	0
2022-09-20T21:52:20.814Z	83.38299429	-2.1	37.87428571	0
2022-09-20T21:53:22.068Z	83.601504	-2.8	37.85166667	0

2022-09-20T21:54:23.322Z	83.151768	-2.583333333	37.84	0
2022-09-20T21:55:24.576Z	83.35548	-2.8	37.82333333	0
2022-09-20T21:56:25.830Z	83.570688	-2.566666667	37.79833333	0
2022-09-20T21:57:27.084Z	83.390016	-3.05	37.78333333	0
2022-09-20T21:58:28.338Z	84.470472	-2.45	37.75666667	0
2022-09-20T21:59:29.592Z	84.305664	-2.985714286	37.70571429	0
2022-09-20T22:00:30.846Z	83.991384	-2.983333333	37.65833333	0
2022-09-20T22:01:32.100Z	83.958192	-2.066666667	37.60666667	0
2022-09-20T22:02:33.354Z	84.055152	-3.2	37.59	0
2022-09-20T22:03:34.608Z	84.1164	-2.75	37.58	0
2022-09-20T22:04:35.862Z	83.850816	-2.45	37.58666667	0
2022-09-20T22:05:37.116Z	83.45652	-2.4	37.595	0
2022-09-20T22:06:38.370Z	83.714376	-2.3	37.6	0
2022-09-20T22:07:39.624Z	83.48823771	-2.971428571	37.58285714	0
2022-09-20T22:08:40.878Z	83.933088	-2.633333333	37.52	0
2022-09-20T22:09:42.132Z	84.806112	-2	37.46166667	0
2022-09-20T22:10:43.386Z	84.6144	-2.35	37.43166667	0
2022-09-20T22:11:44.640Z	84.552432	-2.65	37.40333333	0
2022-09-20T22:12:45.894Z	84.318744	-2.6	37.39833333	0
2022-09-20T22:13:47.148Z	84.233136	-2.1	37.4	0
2022-09-20T22:14:48.402Z	84.362472	-2.3	37.40166667	0
2022-09-20T22:15:49.656Z	84.81476571	-2.714285714	37.38	0
2022-09-20T22:16:50.910Z	84.207168	-2.8	37.365	0
2022-09-20T22:17:52.164Z	83.992584	-2.6	37.365	0
2022-09-20T22:18:53.418Z	83.959752	-2.65	37.36833333	0
2022-09-20T22:19:54.672Z	84.296736	-2.75	37.37	0
2022-09-20T22:20:55.926Z	84.465648	-1.75	37.35833333	0
2022-09-20T22:21:57.180Z	84.466176	-2.55	37.295	0
2022-09-20T22:22:58.434Z	84.9606	-2.45	37.19	0
2022-09-20T22:23:59.688Z	84.41584457	-2.371428571	37.04	0
2022-09-20T22:25:00.942Z	84.930528	-2.533333333	36.89	0
2022-09-20T22:26:02.196Z	85.093752	-1.733333333	36.76833333	0
2022-09-20T22:27:03.450Z	74.268768	-2.3	36.63333333	0
2022-09-20T22:28:04.704Z	85.960848	-3.2	36.47	0
2022-09-20T22:29:05.958Z	86.185344	-2.15	36.29333333	0
2022-09-20T22:30:07.212Z	85.7954592	-1.66	36.162	0
2022-09-20T22:31:08.466Z	85.8254112	-2.78	36.072	0
2022-09-20T22:32:09.720Z	85.82996571	-2.942857143	36.01	0
2022-09-20T22:33:10.974Z	86.74452	-2.45	35.97666667	0
2022-09-20T22:34:12.228Z	85.49028	-2.216666667	35.96833333	0
2022-09-20T22:35:13.482Z	85.983024	-2	35.965	0
2022-09-20T22:36:14.736Z	85.238496	-2.35	35.98	0
2022-09-20T22:37:15.990Z	84.86472	-2.15	35.97666667	0
2022-09-20T22:38:17.244Z	85.346904	-2.75	36.01	0
2022-09-20T22:39:18.498Z	63.006336	-2.4	36.01166667	0
2022-09-20T22:40:19.752Z	84.878208	-2.485714286	36.06285714	0
2022-09-20T22:41:21.006Z	84.396456	-2.35	36.08166667	0
2022-09-20T22:42:22.260Z	84.479736	-2.6	36.05666667	0
2022-09-20T22:43:23.514Z	84.671832	-2.283333333	36.00333333	0
2022-09-20T22:44:24.768Z	85.071792	-1.75	35.91666667	0
2022-09-20T22:45:26.022Z	85.20864	-2.55	35.82166667	0
2022-09-20T22:46:27.276Z	85.256136	-2	35.75	0
2022-09-20T22:47:28.530Z	85.7748	-2.333333333	35.72833333	0
2022-09-20T22:48:29.784Z	85.43694857	-2.457142857	35.72571429	0
2022-09-20T22:49:31.038Z	63.513552	-2.4	35.73	0

2022-09-20T22:50:32.292Z	85.526928	-2.425	35.765	0
2022-09-20T22:51:33.546Z	85.1832	-2.35	35.79666667	0
2022-09-20T22:52:34.800Z	85.357032	-2.116666667	35.81833333	0
2022-09-20T22:53:36.054Z	84.811344	-2.1	35.83666667	0
2022-09-20T22:54:37.308Z	85.080264	-1.766666667	35.855	0
2022-09-20T22:55:38.562Z	84.730512	-1.533333333	35.87	0
2022-09-20T22:56:39.816Z	85.12282286	-3.142857143	35.86285714	0
2022-09-20T22:57:41.070Z	84.800448	-2.266666667	35.87	0
2022-09-20T22:58:42.324Z	84.918408	-2.016666667	35.87833333	0
2022-09-20T22:59:43.578Z	84.995616	-2.216666667	35.87833333	0
2022-09-20T23:00:44.832Z	73.96044	-1.983333333	35.85833333	0
2022-09-20T23:01:46.086Z	84.561528	-2.183333333	35.84833333	0
2022-09-20T23:02:47.340Z	84.883608	-2.483333333	35.86333333	0
2022-09-20T23:03:48.594Z	84.724032	-2.133333333	35.875	0
2022-09-20T23:04:49.848Z	84.31464	-1.7	35.92	0
2022-09-20T23:05:51.102Z	84.683328	-1.75	35.945	0
2022-09-20T23:06:52.356Z	84.378768	-2.3	35.98833333	0
2022-09-20T23:07:53.610Z	84.2166	-2.55	36.015	0
2022-09-20T23:08:54.864Z	51.797088	-2.266666667	36.07	0
2022-09-20T23:09:56.118Z	84.189936	-2.266666667	36.11	0
2022-09-20T23:10:57.372Z	84.465	-3.1	36.15833333	0
2022-09-20T23:11:58.626Z	83.554584	-2.2	36.21	0
2022-09-20T23:12:59.880Z	83.78559771	-1.771428571	36.26	0
2022-09-20T23:14:01.134Z	83.742216	-2.65	36.30833333	0
2022-09-20T23:15:02.388Z	83.865336	-2.25	36.33166667	0
2022-09-20T23:16:03.642Z	84.593976	-1.9	36.35833333	0
2022-09-20T23:17:04.896Z	84.40788	-1.866666667	36.37166667	0
2022-09-20T23:18:06.150Z	83.94264	-1.933333333	36.38833333	0
2022-09-20T23:19:07.404Z	73.180008	-1.8	36.41666667	0
2022-09-20T23:20:08.658Z	74.62499657	-2.514285714	36.45	0
2022-09-20T23:21:09.912Z	84.024048	-2.8	36.47666667	0
2022-09-20T23:22:11.166Z	83.612856	-2.2	36.53666667	0
2022-09-20T23:23:12.420Z	83.607456	-2.483333333	36.56666667	0
2022-09-20T23:24:13.674Z	83.711856	-2.283333333	36.595	0
2022-09-20T23:25:14.928Z	84.0606	-3.133333333	36.62833333	0
2022-09-20T23:26:16.182Z	84.151368	-2.3	36.65333333	0
2022-09-20T23:27:17.436Z	83.884848	-3.05	36.70166667	0
2022-09-20T23:28:18.690Z	84.16816457	-2.085714286	36.71142857	0
2022-09-20T23:29:19.944Z	72.821544	-2.833333333	36.70333333	0
2022-09-20T23:30:21.198Z	83.530896	-2.683333333	36.68833333	0
2022-09-20T23:31:22.452Z	83.923008	-2.1	36.67666667	0
2022-09-20T23:32:23.706Z	83.917728	-2.6	36.655	0
2022-09-20T23:33:24.960Z	84.0786	-2.45	36.62833333	0
2022-09-20T23:34:26.214Z	83.713536	-2.45	36.60333333	0
2022-09-20T23:35:27.468Z	84.142656	-2.066666667	36.58	0
2022-09-20T23:36:28.722Z	84.00433371	-2.185714286	36.56571429	0
2022-09-20T23:37:29.976Z	84.520272	-2.25	36.56166667	0
2022-09-20T23:38:31.230Z	84.729672	-1.9	36.55	0
2022-09-20T23:39:32.484Z	84.423768	-2.7	36.53666667	0
2022-09-20T23:40:33.738Z	84.47328	-2.5	36.50666667	0
2022-09-20T23:41:34.992Z	84.502008	-2.2	36.48833333	0
2022-09-20T23:42:36.246Z	84.09072	-1.75	36.47166667	0
2022-09-20T23:43:37.500Z	84.675984	-2.2	36.45833333	0
2022-09-20T23:44:38.754Z	83.98658057	-2.528571429	36.45857143	0
2022-09-20T23:45:40.008Z	84.051192	-2.433333333	36.44666667	0

2022-09-20T23:46:41.262Z	84.065424	-1.916666667	36.445	0
2022-09-20T23:47:42.516Z	84.232608	-2.466666667	36.43	0
2022-09-20T23:48:43.770Z	84.273192	-1.65	36.395	0
2022-09-20T23:49:45.024Z	84.611016	-2.55	36.35666667	0
2022-09-20T23:50:46.278Z	84.92388	-1.85	36.31833333	0
2022-09-20T23:51:47.532Z	84.970464	-2.583333333	36.28666667	0
2022-09-20T23:52:48.786Z	84.72688457	-2.471428571	36.25714286	0
2022-09-20T23:53:50.040Z	84.823344	-2.55	36.22666667	0
2022-09-20T23:54:51.294Z	84.907608	-2.5	36.16833333	0
2022-09-20T23:55:52.548Z	84.981792	-2.05	36.12	0
2022-09-20T23:56:53.802Z	84.90324	-2.283333333	36.05666667	0
2022-09-20T23:57:55.056Z	85.019952	-1.95	36.01	0
2022-09-20T23:58:56.310Z	84.903504	-2.5	35.95166667	0
2022-09-20T23:59:57.564Z	85.306896	-2.466666667	35.9	0
2022-09-21T00:00:58.818Z	85.65792686	-3.285714286	35.86285714	0
2022-09-21T00:02:00.072Z	85.656264	-2.7	35.825	0
2022-09-21T00:03:01.326Z	85.165968	-2	35.78833333	0
2022-09-21T00:04:02.580Z	84.703584	-1.433333333	35.74	0
2022-09-21T00:05:03.834Z	85.275336	-2.6	35.70333333	0
2022-09-21T00:06:05.088Z	85.252488	-2.933333333	35.665	0
2022-09-21T00:07:06.342Z	85.539384	-1.85	35.605	0
2022-09-21T00:08:07.596Z	86.264904	-1.133333333	35.56	0
2022-09-21T00:09:08.850Z	85.82021486	-2.228571429	35.51857143	0
2022-09-21T00:10:10.104Z	85.615704	-2.316666667	35.47166667	0
2022-09-21T00:11:11.358Z	85.633632	-1.783333333	35.41166667	0
2022-09-21T00:12:12.612Z	85.671528	-2.5	35.36833333	0
2022-09-21T00:13:13.866Z	85.72692	-1.95	35.32333333	0
2022-09-21T00:14:15.120Z	85.880664	-2.566666667	35.26	0
2022-09-21T00:15:16.374Z	86.004768	-2	35.20833333	0
2022-09-21T00:16:17.628Z	85.629672	-2.15	35.14666667	0
2022-09-21T00:17:18.882Z	86.36624229	-2.4	35.05857143	0
2022-09-21T00:18:20.136Z	86.456328	-2.783333333	34.96666667	0
2022-09-21T00:19:21.390Z	86.457408	-1.883333333	34.88166667	0
2022-09-21T00:20:22.644Z	86.885472	-1.75	34.78833333	0
2022-09-21T00:21:23.898Z	86.801472	-2.2	34.69666667	0
2022-09-21T00:22:25.152Z	86.705496	-2.216666667	34.60333333	0
2022-09-21T00:23:26.406Z	87.245064	-2.95	34.51166667	0
2022-09-21T00:24:27.660Z	86.97024	-2.3	34.41	0
2022-09-21T00:25:28.914Z	87.16904229	-2	34.30285714	0
2022-09-21T00:26:30.168Z	87.653616	-2.483333333	34.20833333	0
2022-09-21T00:27:31.422Z	87.595152	-2.333333333	34.11333333	0
2022-09-21T00:28:32.676Z	87.291048	-2.166666667	34.03166667	0
2022-09-21T00:29:33.930Z	87.853512	-2.283333333	33.92666667	0
2022-09-21T00:30:35.184Z	87.547512	-2.65	33.825	0
2022-09-21T00:31:36.438Z	88.2036	-1.433333333	33.72333333	0
2022-09-21T00:32:37.692Z	88.593024	-2.033333333	33.625	0
2022-09-21T00:33:38.946Z	87.63545829	-2.528571429	33.53428571	0
2022-09-21T00:34:40.200Z	87.929688	-1.85	33.42	0
2022-09-21T00:35:41.454Z	88.020576	-2.116666667	33.31	0
2022-09-21T00:36:42.708Z	88.438944	-2.35	33.20833333	0
2022-09-21T00:37:43.962Z	88.142352	-2.916666667	33.08333333	0
2022-09-21T00:38:45.216Z	88.05108	-2.533333333	32.95833333	0
2022-09-21T00:39:46.470Z	88.401144	-1.583333333	32.82333333	0
2022-09-21T00:40:47.724Z	88.73508	-1.85	32.69333333	0
2022-09-21T00:41:48.978Z	88.80778286	-1.928571429	32.53571429	0

2022-09-21T00:42:50.232Z	88.39956	-1.3	32.395	0
2022-09-21T00:43:51.486Z	89.164512	-2.266666667	32.25666667	0
2022-09-21T00:44:52.740Z	89.165928	-1.983333333	32.12	0
2022-09-21T00:45:53.994Z	89.166936	-1.95	31.99	0
2022-09-21T00:46:55.248Z	89.3304	-1.766666667	31.85	0
2022-09-21T00:47:56.502Z	89.634912	-1.75	31.73333333	0
2022-09-21T00:48:57.756Z	89.23610057	-1.885714286	31.59	0
2022-09-21T00:49:59.010Z	88.503576	-1.95	31.45166667	0
2022-09-21T00:51:00.264Z	89.002704	-2.316666667	31.315	0
2022-09-21T00:52:01.518Z	88.653792	-2.25	31.20166667	0
2022-09-21T00:53:02.772Z	88.650816	-1.383333333	31.08333333	0
2022-09-21T00:54:04.026Z	88.550208	-1.866666667	30.96166667	0
2022-09-21T00:55:05.280Z	88.657416	-2.05	30.85833333	0
2022-09-21T00:56:06.534Z	88.310256	-2.516666667	30.74833333	0
2022-09-21T00:57:07.788Z	88.08852343	-1.914285714	30.61571429	0
2022-09-21T00:58:09.042Z	87.39684	-1.883333333	30.50333333	0
2022-09-21T00:59:10.296Z	87.376608	-1.683333333	30.4	0
2022-09-21T01:00:11.550Z	87.095592	-1.7	30.28833333	0
2022-09-21T01:01:12.804Z	87.094008	-2.266666667	30.19	0
2022-09-21T01:02:14.058Z	86.036376	-2.133333333	30.10166667	0
2022-09-21T01:03:15.312Z	86.581752	-1.7	29.99333333	0
2022-09-21T01:04:16.566Z	86.677656	-1	29.89666667	0
2022-09-21T01:05:17.820Z	85.90986514	-1.1	29.79571429	0
2022-09-21T01:06:19.074Z	86.044368	-1.75	29.695	0
2022-09-21T01:07:20.328Z	85.224024	-1.9	29.59833333	0
2022-09-21T01:08:21.582Z	85.033824	-1.5	29.51166667	0
2022-09-21T01:09:22.836Z	85.427688	-2.2	29.425	0
2022-09-21T01:10:24.090Z	84.874296	-1.916666667	29.34166667	0
2022-09-21T01:11:25.344Z	84.727128	-1.95	29.25833333	0
2022-09-21T01:12:26.598Z	85.34556	-1.116666667	29.17666667	0
2022-09-21T01:13:27.852Z	84.59592686	-1.685714286	29.08857143	0
2022-09-21T01:14:29.106Z	85.008216	-1.75	29	0
2022-09-21T01:15:30.360Z	85.252656	-1.833333333	28.92833333	0
2022-09-21T01:16:31.614Z	84.942576	-1.6	28.86166667	0
2022-09-21T01:17:32.868Z	84.265032	-1.783333333	28.77666667	0
2022-09-21T01:18:34.122Z	84.640032	-1.3	28.70666667	0
2022-09-21T01:19:35.376Z	84.565584	-1.666666667	28.63166667	0
2022-09-21T01:20:36.630Z	84.486888	-1.3	28.565	0
2022-09-21T01:21:37.884Z	83.79580114	-1.585714286	28.49142857	0
2022-09-21T01:22:39.138Z	83.866344	-1.45	28.40833333	0
2022-09-21T01:23:40.392Z	83.632896	-1.8	28.35833333	0
2022-09-21T01:24:41.646Z	83.777808	-0.85	28.3	0
2022-09-21T01:25:42.900Z	83.683752	-0.816666667	28.23833333	0
2022-09-21T01:26:44.154Z	83.97276	-1.6	28.17333333	0
2022-09-21T01:27:45.408Z	83.53332	-1.633333333	28.1	0
2022-09-21T01:28:46.662Z	84.127008	-2	28.045	0
2022-09-21T01:29:47.916Z	83.88074057	-1.057142857	27.99857143	0
2022-09-21T01:30:49.170Z	83.767632	-1.616666667	27.92666667	0
2022-09-21T01:31:50.424Z	83.6107776	-0.94	27.878	0
2022-09-21T01:32:51.678Z	83.545944	-0.8	27.82333333	0
2022-09-21T01:33:52.932Z	83.355408	-1.8	27.75666667	0
2022-09-21T01:34:54.186Z	73.127736	-1.533333333	27.70333333	0
2022-09-21T01:35:55.440Z	83.515416	-1	27.65666667	0
2022-09-21T01:36:56.694Z	83.660712	-1.05	27.60833333	0
2022-09-21T01:37:57.948Z	83.52569829	-1.685714286	27.55571429	0

2022-09-21T01:38:59.202Z	83.509344	-1.7	27.49666667	0
2022-09-21T01:40:00.456Z	82.986048	-0.85	27.455	0
2022-09-21T01:41:01.710Z	83.62536	-1.35	27.41333333	0
2022-09-21T01:42:02.964Z	83.31204	-1.366666667	27.375	0
2022-09-21T01:43:04.218Z	83.389752	-1.85	27.33	0
2022-09-21T01:44:05.472Z	83.298264	-0.85	27.295	0
2022-09-21T01:45:06.726Z	83.058864	-1.483333333	27.25666667	0
2022-09-21T01:46:07.980Z	83.13111771	-1.357142857	27.20857143	0
2022-09-21T01:47:09.234Z	83.331744	-1.7	27.17833333	0
2022-09-21T01:48:10.488Z	83.008704	-1.35	27.13666667	0
2022-09-21T01:49:11.742Z	83.061144	-0.866666667	27.095	0
2022-09-21T01:50:12.996Z	83.090928	-1.25	27.075	0
2022-09-21T01:51:14.250Z	83.04024	-0.85	27.03666667	0
2022-09-21T01:52:15.504Z	82.729968	-1.5	26.99833333	0
2022-09-21T01:53:16.758Z	82.780584	-0.983333333	26.97166667	0
2022-09-21T01:54:18.012Z	82.799568	-1.328571429	26.93571429	0
2022-09-21T01:55:19.266Z	83.2416	-0.8	26.89833333	0
2022-09-21T01:56:20.520Z	82.885296	-2.066666667	26.87166667	0
2022-09-21T01:57:21.774Z	82.817856	-1.95	26.83833333	0
2022-09-21T01:58:23.028Z	82.667352	-1.35	26.805	0
2022-09-21T01:59:24.282Z	82.64736	-1.55	26.77	0
2022-09-21T02:00:25.536Z	82.872048	-1.4	26.73833333	0
2022-09-21T02:01:26.790Z	82.499064	-1.333333333	26.70833333	0
2022-09-21T02:02:28.044Z	82.40609829	-0.828571429	26.67285714	0
2022-09-21T02:03:29.298Z	72.116808	-1	26.66	0
2022-09-21T02:04:30.552Z	82.804896	-1.1	26.62	0
2022-09-21T02:05:31.806Z	82.70484	-0.85	26.57833333	0
2022-09-21T02:06:33.060Z	82.6554	-1.55	26.54166667	0
2022-09-21T02:07:34.314Z	82.688616	-0.966666667	26.52833333	0
2022-09-21T02:08:35.568Z	82.261896	-1.55	26.48833333	0
2022-09-21T02:09:36.822Z	82.418424	-1.5	26.45833333	0
2022-09-21T02:10:38.076Z	82.55960229	-1.357142857	26.42285714	0
2022-09-21T02:11:39.330Z	82.687584	-1.166666667	26.38333333	0
2022-09-21T02:12:40.584Z	82.16772	-0.5	26.35333333	0
2022-09-21T02:13:41.838Z	82.130424	-1.35	26.31833333	0
2022-09-21T02:14:43.092Z	82.089912	-1.45	26.28666667	0
2022-09-21T02:15:44.346Z	82.1784	-1.55	26.255	0
2022-09-21T02:16:45.600Z	81.763176	-1.7	26.21833333	0
2022-09-21T02:17:46.854Z	73.44810514	-1.085714286	26.18285714	0
2022-09-21T02:18:48.108Z	82.09824	-1.4	26.14166667	0
2022-09-21T02:19:49.362Z	81.859176	-0.6	26.11833333	0
2022-09-21T02:20:50.616Z	81.988488	-1.25	26.07166667	0
2022-09-21T02:21:51.870Z	82.00416	-1.05	26.03666667	0
2022-09-21T02:22:53.124Z	82.126776	-0.9	26.015	0
2022-09-21T02:23:54.378Z	82.062744	-0.85	25.96166667	0
2022-09-21T02:24:55.632Z	82.054656	-0.866666667	25.93	0
2022-09-21T02:25:56.886Z	82.16489829	-1.185714286	25.88142857	0
2022-09-21T02:26:58.140Z	81.828336	-0.65	25.84666667	0
2022-09-21T02:27:59.394Z	82.037856	-0.9	25.8	0
2022-09-21T02:29:00.648Z	81.189192	-0.7	25.76333333	0
2022-09-21T02:30:01.902Z	81.59412	-1.3	25.71166667	0
2022-09-21T02:31:03.156Z	81.698088	-1.15	25.67333333	0
2022-09-21T02:32:04.410Z	82.103232	-1.333333333	25.62666667	0
2022-09-21T02:33:05.664Z	81.282744	-0.466666667	25.59	0
2022-09-21T02:34:06.918Z	81.59910171	-1.328571429	25.53714286	0

2022-09-21T02:35:08.172Z	81.642528	-1.133333333	25.49666667	0
2022-09-21T02:36:09.426Z	81.315912	-0.516666667	25.45	0
2022-09-21T02:37:10.680Z	81.624192	-1.05	25.40833333	0
2022-09-21T02:38:11.934Z	80.98368	-1.15	25.35833333	0
2022-09-21T02:39:13.188Z	81.068184	-1.133333333	25.31666667	0
2022-09-21T02:40:14.442Z	81.511896	-1	25.27666667	0
2022-09-21T02:41:15.696Z	80.778312	-0.95	25.23333333	0
2022-09-21T02:42:16.950Z	81.39042514	-1.014285714	25.17571429	0
2022-09-21T02:43:18.204Z	80.7186	-0.9	25.12666667	0
2022-09-21T02:44:19.458Z	80.9472	-0.7	25.08333333	0
2022-09-21T02:45:20.712Z	80.525808	-0.85	25.04333333	0
2022-09-21T02:46:21.966Z	80.415288	-0.35	24.98666667	0
2022-09-21T02:47:23.220Z	80.220096	-1.35	24.94333333	0
2022-09-21T02:48:24.474Z	80.509632	-0.966666667	24.91	0
2022-09-21T02:49:25.728Z	80.223432	-0.833333333	24.85833333	0
2022-09-21T02:50:26.982Z	80.22832457	-0.571428571	24.79857143	0
2022-09-21T02:51:28.236Z	80.688432	-0.833333333	24.755	0
2022-09-21T02:52:29.490Z	80.216088	-0.783333333	24.70666667	0
2022-09-21T02:53:30.744Z	79.92672	-1.3	24.665	0
2022-09-21T02:54:31.998Z	79.8048	-0.3	24.625	0
2022-09-21T02:55:33.252Z	80.804568	-0.483333333	24.58333333	0
2022-09-21T02:56:34.506Z	80.526432	-0.65	24.53166667	0
2022-09-21T02:57:35.760Z	69.939168	-0.7	24.49	0
2022-09-21T02:58:37.014Z	80.20878171	-0.785714286	24.44285714	0
2022-09-21T02:59:38.268Z	80.302752	-0.8	24.39666667	0
2022-09-21T03:00:39.522Z	79.709208	-0.6	24.355	0
2022-09-21T03:01:40.776Z	79.991088	-0.683333333	24.30833333	0
2022-09-21T03:02:42.030Z	80.461512	-0.366666667	24.27333333	0
2022-09-21T03:03:43.284Z	80.519856	-0.5	24.22666667	0
2022-09-21T03:04:44.538Z	80.307984	-0.2	24.2	0
2022-09-21T03:05:45.792Z	80.227968	-0.933333333	24.16833333	0
2022-09-21T03:06:47.046Z	80.13515657	-0.685714286	24.12	0
2022-09-21T03:07:48.300Z	80.906664	-0.9	24.08	0
2022-09-21T03:08:49.554Z	80.636256	-0.75	24.055	0
2022-09-21T03:09:50.808Z	80.12112	-0.766666667	24.03	0
2022-09-21T03:10:52.062Z	81.040608	-0.75	23.98833333	0
2022-09-21T03:11:53.316Z	80.93568	-0.75	23.96666667	0
2022-09-21T03:12:54.570Z	80.692848	-1	23.935	0
2022-09-21T03:13:55.824Z	81.378264	-1.1	23.89666667	0
2022-09-21T03:14:57.078Z	81.15858514	-0.442857143	23.87714286	0
2022-09-21T03:15:58.332Z	80.51628	-0.75	23.835	0
2022-09-21T03:16:59.586Z	81.383856	-0.75	23.805	0
2022-09-21T03:18:00.840Z	81.593304	-1.25	23.77	0
2022-09-21T03:19:02.094Z	82.346976	-0.583333333	23.73666667	0
2022-09-21T03:20:03.348Z	82.080888	-0.916666667	23.7	0
2022-09-21T03:21:04.602Z	81.422616	-0.6	23.67166667	0
2022-09-21T03:22:05.856Z	82.05936	-0.45	23.64166667	0
2022-09-21T03:23:07.110Z	82.262016	-0.842857143	23.60857143	0
2022-09-21T03:24:08.364Z	82.902456	-0.275	23.575	0
2022-09-21T03:25:09.618Z	82.131216	-0.566666667	23.54666667	0
2022-09-21T03:26:10.872Z	82.29744	-0.25	23.51666667	0
2022-09-21T03:27:12.126Z	71.807976	-1	23.48333333	0
2022-09-21T03:28:13.380Z	82.303704	-1.183333333	23.45166667	0
2022-09-21T03:29:14.634Z	82.883088	-0.033333333	23.41833333	0
2022-09-21T03:30:15.888Z	83.602632	-0.1	23.38666667	0

2022-09-21T03:31:17.142Z	83.126568	-1	23.35333333	0
2022-09-21T03:32:18.396Z	83.71894629	-0.685714286	23.31142857	0
2022-09-21T03:33:19.650Z	83.723472	-0.466666667	23.275	0
2022-09-21T03:34:20.904Z	83.501568	-0.5	23.245	0
2022-09-21T03:35:22.158Z	83.329704	-1	23.21	0
2022-09-21T03:36:23.412Z	83.864736	-0.6	23.16666667	0
2022-09-21T03:37:24.666Z	83.164032	-0.533333333	23.145	0
2022-09-21T03:38:25.920Z	83.798136	-0.116666667	23.10666667	0
2022-09-21T03:39:27.174Z	84.39619886	-0.785714286	23.07	0
2022-09-21T03:40:28.428Z	83.392536	0.3	23.04166667	0
2022-09-21T03:41:29.682Z	83.193576	-0.55	23.01333333	0
2022-09-21T03:42:30.936Z	83.15844	-0.416666667	22.975	0
2022-09-21T03:43:32.190Z	83.003472	-0.45	22.94166667	0
2022-09-21T03:44:33.444Z	83.4282	-0.95	22.91333333	0
2022-09-21T03:45:34.698Z	83.111328	-0.55	22.88166667	0
2022-09-21T03:46:35.952Z	83.209248	-0.75	22.86	0
2022-09-21T03:47:37.206Z	82.91215543	-0.6	22.83	0
2022-09-21T03:48:38.460Z	82.944168	-1.05	22.795	0
2022-09-21T03:49:39.714Z	82.706304	-0.4	22.765	0
2022-09-21T03:50:40.968Z	82.912344	-1.15	22.76166667	0
2022-09-21T03:51:42.222Z	82.274352	-0.3	22.72333333	0
2022-09-21T03:52:43.476Z	82.806648	-0.666666667	22.70166667	0
2022-09-21T03:53:44.730Z	82.609248	-0.65	22.675	0
2022-09-21T03:54:45.984Z	82.3218	-0.4	22.64666667	0
2022-09-21T03:55:47.238Z	82.33878857	-0.014285714	22.61857143	0
2022-09-21T03:56:48.492Z	82.101672	-0.583333333	22.59833333	0
2022-09-21T03:57:49.746Z	82.247352	-0.033333333	22.56666667	0
2022-09-21T03:58:51.000Z	82.343088	-0.566666667	22.535	0
2022-09-21T03:59:52.254Z	82.336944	-0.15	22.51666667	0
2022-09-21T04:00:53.508Z	81.546312	0.15	22.50833333	0
2022-09-21T04:01:54.762Z	81.757776	-0.15	22.475	0
2022-09-21T04:02:56.016Z	81.696288	-1.083333333	22.45166667	0
2022-09-21T04:03:57.270Z	82.28647543	-0.071428571	22.42428571	0
2022-09-21T04:04:58.524Z	82.110744	-0.9	22.41166667	0
2022-09-21T04:05:59.778Z	82.363284	-0.65	22.3825	0
2022-09-21T04:07:01.032Z	81.63654171	-0.542857143	22.36714286	0
2022-09-21T04:08:02.286Z	81.392328	-0.6	22.34333333	0
2022-09-21T04:09:03.540Z	81.786144	-0.95	22.31666667	0
2022-09-21T04:10:04.794Z	82.050144	-0.4	22.295	0
2022-09-21T04:11:06.048Z	82.105704	-0.516666667	22.27	0
2022-09-21T04:12:07.302Z	82.04663314	-0.485714286	22.24571429	0
2022-09-21T04:13:08.556Z	82.038936	-1.15	22.22	0
2022-09-21T04:14:09.810Z	81.863376	-0.95	22.205	0
2022-09-21T04:15:11.064Z	82.263168	-0.5	22.175	0
2022-09-21T04:16:12.318Z	81.578016	-0.533333333	22.16333333	0
2022-09-21T04:17:13.572Z	81.900984	-0.916666667	22.12166667	0
2022-09-21T04:18:14.826Z	82.313376	-0.2	22.10833333	0
2022-09-21T04:19:16.080Z	82.685928	-0.4	22.08166667	0
2022-09-21T04:20:17.334Z	82.28546743	-0.771428571	22.07	0
2022-09-21T04:21:18.588Z	82.370904	-1	22.045	0
2022-09-21T04:22:19.842Z	82.22232	-0.883333333	22.03	0
2022-09-21T04:23:21.096Z	82.321008	-0.883333333	22.01166667	0
2022-09-21T04:24:22.350Z	82.04064	-0.233333333	22	0
2022-09-21T04:25:23.604Z	82.286376	-0.283333333	21.99	0
2022-09-21T04:26:24.858Z	82.257624	-0.15	21.965	0

2022-09-21T04:27:26.112Z	82.554648	0.15	21.95333333	0
2022-09-21T04:28:27.366Z	82.37297829	-0.457142857	21.93714286	0
2022-09-21T04:29:28.620Z	81.940416	-0.4	21.93	0
2022-09-21T04:30:29.874Z	82.269096	-0.5	21.91	0
2022-09-21T04:31:31.128Z	82.67292	-0.5	21.89333333	0
2022-09-21T04:32:32.382Z	82.641576	-0.883333333	21.87333333	0
2022-09-21T04:33:33.636Z	82.776768	0.066666667	21.86666667	0
2022-09-21T04:34:34.890Z	82.440168	-1.016666667	21.85166667	0
2022-09-21T04:35:36.144Z	82.07136	-0.8	21.84166667	0
2022-09-21T04:36:37.398Z	82.35078171	-0.1	21.83142857	0
2022-09-21T04:37:38.652Z	82.429344	-0.5	21.81	0
2022-09-21T04:38:39.906Z	82.245936	-0.35	21.82333333	0
2022-09-21T04:39:41.160Z	82.217568	0.1	21.79333333	0
2022-09-21T04:40:42.414Z	82.1952	-0.7	21.78833333	0
2022-09-21T04:41:43.668Z	81.79236	-0.2	21.77833333	0
2022-09-21T04:42:44.922Z	81.792912	-0.4	21.77333333	0
2022-09-21T04:43:46.176Z	82.082568	-0.6	21.76666667	0
2022-09-21T04:44:47.430Z	81.71897143	-0.485714286	21.75	0
2022-09-21T04:45:48.684Z	81.908112	-0.35	21.75833333	0
2022-09-21T04:46:49.938Z	81.76704	0.15	21.75833333	0
2022-09-21T04:47:51.192Z	82.022952	-0.883333333	21.75	0
2022-09-21T04:48:52.446Z	82.279992	-0.233333333	21.76	0
2022-09-21T04:49:53.700Z	81.726864	-0.133333333	21.75666667	0
2022-09-21T04:50:54.954Z	81.995904	-0.616666667	21.75333333	0
2022-09-21T04:51:56.208Z	81.959568	-0.183333333	21.74	0
2022-09-21T04:52:57.462Z	81.78905829	-0.828571429	21.73857143	0
2022-09-21T04:53:58.716Z	82.062432	-0.45	21.73	0
2022-09-21T04:54:59.970Z	81.68136	0.1	21.745	0
2022-09-21T04:56:01.224Z	81.672384	-0.6	21.73166667	0
2022-09-21T04:57:02.478Z	81.171696	0.016666667	21.725	0
2022-09-21T04:58:03.732Z	81.928656	0.133333333	21.73333333	0
2022-09-21T04:59:04.986Z	81.940824	-0.85	21.72333333	0
2022-09-21T05:00:06.240Z	81.878736	-0.2	21.72	0
2022-09-21T05:01:07.494Z	82.138608	-0.728571429	21.72142857	0
2022-09-21T05:02:08.748Z	81.868704	-0.7	21.71333333	0
2022-09-21T05:03:10.002Z	81.819744	-0.8	21.72166667	0
2022-09-21T05:04:11.256Z	82.237848	-0.55	21.71666667	0
2022-09-21T05:05:12.510Z	81.63912	-0.4	21.70833333	0
2022-09-21T05:06:13.764Z	82.014552	-0.85	21.70333333	0
2022-09-21T05:07:15.018Z	82.07892	-0.65	21.70666667	0
2022-09-21T05:08:16.272Z	81.889128	-0.65	21.685	0
2022-09-21T05:09:17.526Z	82.49173714	-0.171428571	21.69285714	0
2022-09-21T05:10:18.780Z	81.54456	-0.5	21.685	0
2022-09-21T05:11:20.034Z	81.818064	-0.75	21.68	0
2022-09-21T05:12:21.288Z	81.78468	0.35	21.67	0
2022-09-21T05:13:22.542Z	81.751248	-0.9	21.65833333	0
2022-09-21T05:14:23.796Z	81.878832	-0.45	21.65666667	0
2022-09-21T05:15:25.050Z	82.103424	-1	21.65833333	0
2022-09-21T05:16:26.304Z	82.09437943	7.93E-18	21.65285714	0
2022-09-21T05:17:27.558Z	82.112256	-0.35	21.64333333	0
2022-09-21T05:18:28.812Z	81.782976	-0.85	21.62833333	0
2022-09-21T05:19:30.066Z	82.203624	-0.35	21.62833333	0
2022-09-21T05:20:31.320Z	82.36584	-0.05	21.61333333	0
2022-09-21T05:21:32.574Z	81.77688	-0.4	21.61666667	0
2022-09-21T05:22:33.828Z	81.840192	0.016666667	21.6	0

2022-09-21T05:23:35.082Z	82.306776	-0.083333333	21.585	0
2022-09-21T05:24:36.336Z	82.10378057	-0.628571429	21.58	0
2022-09-21T05:25:37.590Z	82.24284	-0.4	21.55166667	0
2022-09-21T05:26:38.844Z	82.12632	-0.15	21.55833333	0
2022-09-21T05:27:40.098Z	82.098528	-0.45	21.54	0
2022-09-21T05:28:41.352Z	82.280016	-0.25	21.52833333	0
2022-09-21T05:29:42.606Z	82.038336	0.1	21.52	0
2022-09-21T05:30:43.860Z	82.114944	0.1	21.50333333	0
2022-09-21T05:31:45.114Z	82.419024	-0.8	21.48666667	0
2022-09-21T05:32:46.368Z	82.35308571	-0.285714286	21.47571429	0
2022-09-21T05:33:47.622Z	81.981432	-0.25	21.44666667	0
2022-09-21T05:34:48.876Z	82.098408	-0.033333333	21.43666667	0
2022-09-21T05:35:50.130Z	82.594464	-0.6	21.41833333	0
2022-09-21T05:36:51.384Z	82.179816	-0.9	21.405	0
2022-09-21T05:37:52.638Z	82.221456	-0.05	21.38666667	0
2022-09-21T05:38:53.892Z	82.255272	-0.25	21.37	0
2022-09-21T05:39:55.146Z	82.394184	-0.1	21.34666667	0
2022-09-21T05:40:56.400Z	82.29528	-0.185714286	21.33142857	0
2022-09-21T05:41:57.654Z	82.083192	-0.4	21.31333333	0
2022-09-21T05:42:58.908Z	82.091832	-0.4	21.28666667	0
2022-09-21T05:44:00.162Z	82.07652	-0.833333333	21.275	0
2022-09-21T05:45:01.416Z	82.672872	-0.133333333	21.26166667	0
2022-09-21T05:46:02.670Z	82.226256	-0.2	21.24	0
2022-09-21T05:47:03.924Z	82.22028	0.05	21.225	0
2022-09-21T05:48:05.178Z	82.264344	-0.7	21.225	0
2022-09-21T05:49:06.432Z	82.572552	-0.3	21.20833333	0
2022-09-21T05:50:07.686Z	82.36791771	-0.557142857	21.20285714	0
2022-09-21T05:51:08.940Z	82.177896	-0.15	21.20166667	0
2022-09-21T05:52:10.194Z	82.212	-1	21.18333333	0
2022-09-21T05:53:11.448Z	82.204584	-0.4	21.18666667	0
2022-09-21T05:54:12.702Z	82.02972	-0.05	21.17833333	0
2022-09-21T05:55:13.956Z	82.39416	-0.05	21.17833333	0
2022-09-21T05:56:15.210Z	81.998208	3.70E-17	21.18	0
2022-09-21T05:57:16.464Z	82.44557486	-0.285714286	21.19285714	0
2022-09-21T05:58:17.718Z	82.121952	0.3	21.18166667	0
2022-09-21T05:59:18.972Z	82.201248	-0.233333333	21.19166667	0
2022-09-21T06:00:20.226Z	82.26528	0.1	21.18833333	0
2022-09-21T06:01:21.480Z	82.118664	-0.616666667	21.19333333	0
2022-09-21T06:02:22.734Z	82.132464	-0.033333333	21.18666667	0
2022-09-21T06:03:23.988Z	82.36428	-0.45	21.19333333	0
2022-09-21T06:04:25.242Z	82.345584	-0.1	21.2	0
2022-09-21T06:05:26.496Z	82.15463314	-0.814285714	21.20428571	0
2022-09-21T06:06:27.750Z	81.888288	0.05	21.21666667	0
2022-09-21T06:07:29.004Z	82.60464	-0.05	21.22	0
2022-09-21T06:08:30.258Z	81.926856	-0.05	21.21	0
2022-09-21T06:09:31.512Z	82.107072	0.15	21.22166667	0
2022-09-21T06:10:32.766Z	81.712488	9.25E-18	21.22666667	0
2022-09-21T06:11:34.020Z	82.402392	-0.35	21.23666667	0
2022-09-21T06:12:35.274Z	82.206216	0.1	21.23166667	0
2022-09-21T06:13:36.528Z	82.27178743	-1.59E-17	21.24285714	0
2022-09-21T06:14:37.782Z	82.138032	-0.5	21.25	0
2022-09-21T06:15:39.036Z	82.203648	-0.3	21.25666667	0
2022-09-21T06:16:40.290Z	82.353792	-0.35	21.26333333	0
2022-09-21T06:17:41.544Z	81.86436	-0.2	21.265	0
2022-09-21T06:18:42.798Z	82.183272	0.15	21.26666667	0

2022-09-21T06:19:44.052Z	82.009632	0.05	21.26666667	0
2022-09-21T06:20:45.306Z	81.570888	-0.05	21.28	0
2022-09-21T06:21:46.560Z	82.00744457	-0.257142857	21.28142857	0
2022-09-21T06:22:47.814Z	81.787728	-0.65	21.28666667	0
2022-09-21T06:23:49.068Z	81.82944	-0.15	21.295	0
2022-09-21T06:24:50.322Z	82.181352	0.05	21.3	0
2022-09-21T06:25:51.576Z	82.006584	-0.15	21.28666667	0
2022-09-21T06:26:52.830Z	82.003632	-0.1	21.29	0
2022-09-21T06:27:54.084Z	82.197912	-1.85E-17	21.30166667	0
2022-09-21T06:28:55.338Z	81.878592	-0.35	21.28666667	0
2022-09-21T06:29:56.592Z	81.88245257	-0.557142857	21.29857143	0
2022-09-21T06:30:57.846Z	81.498744	0.05	21.29333333	0
2022-09-21T06:31:59.100Z	81.974088	-0.15	21.28	0
2022-09-21T06:33:00.354Z	82.122768	0.15	21.27833333	0
2022-09-21T06:34:01.608Z	82.372752	-0.35	21.275	0
2022-09-21T06:35:02.862Z	82.008384	-0.35	21.265	0
2022-09-21T06:36:04.116Z	81.891936	-0.15	21.26166667	0
2022-09-21T06:37:05.370Z	81.658968	-0.95	21.25166667	0
2022-09-21T06:38:06.624Z	81.90882514	0	21.24142857	0
2022-09-21T06:39:07.878Z	82.164792	-0.4	21.23333333	0
2022-09-21T06:40:09.132Z	81.651912	-0.4	21.225	0
2022-09-21T06:41:10.386Z	81.6366	0.05	21.21	0
2022-09-21T06:42:11.640Z	81.759312	0.1	21.20833333	0
2022-09-21T06:43:12.894Z	82.524264	-0.3	21.18833333	0
2022-09-21T06:44:14.148Z	81.709104	-0.45	21.17666667	0
2022-09-21T06:45:15.402Z	81.521328	-0.333333333	21.16	0
2022-09-21T06:46:16.656Z	81.49653257	-0.428571429	21.14285714	0
2022-09-21T06:47:17.910Z	81.861336	-0.45	21.13833333	0
2022-09-21T06:48:19.164Z	81.925752	-0.516666667	21.12333333	0
2022-09-21T06:49:20.418Z	81.209256	-0.4	21.10666667	0
2022-09-21T06:50:21.672Z	81.744792	-0.35	21.09166667	0
2022-09-21T06:51:22.926Z	81.1026	-0.5	21.07833333	0
2022-09-21T06:52:24.180Z	81.360168	-0.25	21.065	0
2022-09-21T06:53:25.434Z	81.47772	-3.70E-17	21.05166667	0
2022-09-21T06:54:26.688Z	81.94854857	-0.114285714	21.02142857	0
2022-09-21T06:55:27.942Z	81.499656	-0.15	21.00666667	0
2022-09-21T06:56:29.196Z	81.57516	-0.4	20.99333333	0
2022-09-21T06:57:30.450Z	81.563952	-0.35	20.99	0
2022-09-21T06:58:31.704Z	81.65364	0.15	20.96166667	0
2022-09-21T06:59:32.958Z	81.895248	0.683333333	20.95833333	0
2022-09-21T07:00:34.212Z	81.505344	-0.1	20.93666667	0
2022-09-21T07:01:35.466Z	81.770424	-0.3	20.92333333	0
2022-09-21T07:02:36.720Z	81.63370286	-0.185714286	20.89571429	0
2022-09-21T07:03:37.974Z	81.355296	-0.5	20.88333333	0
2022-09-21T07:04:39.228Z	81.120192	-0.15	20.86333333	0
2022-09-21T07:05:40.482Z	81.72096	-0.75	20.84833333	0
2022-09-21T07:06:41.736Z	81.26832	0.166666667	20.83	0
2022-09-21T07:07:42.990Z	81.566376	-0.116666667	20.80833333	0
2022-09-21T07:08:44.244Z	80.977632	-0.3	20.79166667	0
2022-09-21T07:09:45.498Z	81.235416	0.15	20.78166667	0
2022-09-21T07:10:46.752Z	80.92405029	0.042857143	20.76142857	0
2022-09-21T07:11:48.006Z	81.318816	-0.5	20.73666667	0
2022-09-21T07:12:49.260Z	81.57144	-0.35	20.71833333	0
2022-09-21T07:13:50.514Z	81.249672	0.3	20.705	0
2022-09-21T07:14:51.768Z	81.120312	-0.416666667	20.68666667	0

2022-09-21T07:15:53.022Z	81.17664	0.1	20.665	0
2022-09-21T07:16:54.276Z	81.376872	-0.05	20.65333333	0
2022-09-21T07:17:55.530Z	80.699448	0.25	20.63333333	0
2022-09-21T07:18:56.784Z	81.66458057	-0.157142857	20.61285714	0
2022-09-21T07:19:58.038Z	81.083808	0.15	20.60333333	0
2022-09-21T07:20:59.292Z	81.124008	-0.05	20.57666667	0
2022-09-21T07:22:00.546Z	81.065136	-0.383333333	20.55666667	0
2022-09-21T07:23:01.800Z	81.32796	-0.466666667	20.54666667	0
2022-09-21T07:24:03.054Z	80.927928	0.1	20.51833333	0
2022-09-21T07:25:04.308Z	81.13776	0.45	20.50166667	0
2022-09-21T07:26:05.562Z	81.102576	0.15	20.48666667	0
2022-09-21T07:27:06.816Z	79.876008	-0.3	20.45666667	0
2022-09-21T07:28:08.070Z	80.13912686	-0.485714286	20.44	0
2022-09-21T07:29:09.324Z	80.447832	-0.2	20.42333333	0
2022-09-21T07:30:10.578Z	80.847624	-0.183333333	20.40833333	0
2022-09-21T07:31:11.832Z	79.81284	-0.366666667	20.385	0
2022-09-21T07:32:13.086Z	79.833744	-0.116666667	20.375	0
2022-09-21T07:33:14.340Z	80.170968	-0.1	20.35333333	0
2022-09-21T07:34:15.594Z	80.578368	0.25	20.33	0
2022-09-21T07:35:16.848Z	80.479296	0.214285714	20.31714286	0
2022-09-21T07:36:18.102Z	80.298408	-0.2	20.295	0
2022-09-21T07:37:19.356Z	80.652192	0.2	20.29	0
2022-09-21T07:38:20.610Z	80.373024	0.05	20.26666667	0
2022-09-21T07:39:21.864Z	79.714896	0.166666667	20.255	0
2022-09-21T07:40:23.118Z	80.129136	0.4	20.23833333	0
2022-09-21T07:41:24.372Z	79.642104	0.25	20.22166667	0
2022-09-21T07:42:25.626Z	80.448432	-0.35	20.20333333	0
2022-09-21T07:43:26.880Z	79.77244114	-0.2	20.19	0
2022-09-21T07:44:28.134Z	80.919384	-0.65	20.16833333	0
2022-09-21T07:45:29.388Z	80.16012	-0.45	20.145	0
2022-09-21T07:46:30.642Z	80.700744	0.05	20.13	0
2022-09-21T07:47:31.896Z	80.282736	-0.766666667	20.11	0
2022-09-21T07:48:33.150Z	80.177736	0.183333333	20.095	0
2022-09-21T07:49:34.404Z	80.26716	0.333333333	20.075	0
2022-09-21T07:50:35.658Z	79.820856	-0.15	20.06166667	0
2022-09-21T07:51:36.912Z	80.03398629	0.114285714	20.02714286	0
2022-09-21T07:52:38.166Z	80.185704	-0.25	20.01333333	0
2022-09-21T07:53:39.420Z	80.244672	-0.05	19.99166667	0
2022-09-21T07:54:40.674Z	80.189016	-0.233333333	19.965	0
2022-09-21T07:55:41.928Z	80.171952	0.25	19.95833333	0
2022-09-21T07:56:43.182Z	79.950216	-0.05	19.93666667	0
2022-09-21T07:57:44.436Z	80.446872	0.3	19.92166667	0
2022-09-21T07:58:45.690Z	79.815648	0	19.89666667	0
2022-09-21T07:59:46.944Z	80.01078171	-0.385714286	19.88142857	0
2022-09-21T08:00:48.198Z	80.257176	0.25	19.85666667	0
2022-09-21T08:01:49.452Z	80.36832	-0.25	19.84666667	0
2022-09-21T08:02:50.706Z	79.971144	-0.55	19.82333333	0
2022-09-21T08:03:51.960Z	79.951248	0.25	19.81	0
2022-09-21T08:04:53.214Z	79.830168	0.283333333	19.805	0
2022-09-21T08:05:54.468Z	80.126544	0.15	19.78333333	0
2022-09-21T08:06:55.722Z	79.846896	-0.05	19.77833333	0
2022-09-21T08:07:56.976Z	80.42541943	0.014285714	19.75571429	0
2022-09-21T08:08:58.230Z	80.301096	-0.15	19.73833333	0
2022-09-21T08:09:59.484Z	80.23296	-0.6	19.73333333	0
2022-09-21T08:11:00.738Z	80.228328	-0.15	19.71833333	0

2022-09-21T08:12:01.992Z	80.118792	0.1	19.69666667	0
2022-09-21T08:13:03.246Z	80.164248	0.6	19.69	0
2022-09-21T08:14:04.500Z	79.74576	-0.2	19.67666667	0
2022-09-21T08:15:05.754Z	80.39316343	0.028571429	19.65857143	0
2022-09-21T08:16:07.008Z	80.257896	0.716666667	19.635	0
2022-09-21T08:17:08.262Z	80.167608	0.2	19.62166667	0
2022-09-21T08:18:09.516Z	80.364072	-0.05	19.605	0
2022-09-21T08:19:10.770Z	80.19084	0.2	19.58833333	0
2022-09-21T08:20:12.024Z	80.109936	-0.6	19.57666667	0
2022-09-21T08:21:13.278Z	80.334864	0.5	19.55333333	0
2022-09-21T08:22:14.532Z	79.756248	0.15	19.54	0
2022-09-21T08:23:15.786Z	80.12797714	0.542857143	19.52142857	0
2022-09-21T08:24:17.040Z	80.176032	0.433333333	19.49	0
2022-09-21T08:25:18.294Z	80.397864	0.15	19.485	0
2022-09-21T08:26:19.548Z	80.219472	0.45	19.47	0
2022-09-21T08:27:20.802Z	80.103432	0.3	19.435	0
2022-09-21T08:28:22.056Z	80.425464	-0.2	19.425	0
2022-09-21T08:29:23.310Z	79.683192	0.15	19.42	0
2022-09-21T08:30:24.564Z	79.859496	0.25	19.39166667	0
2022-09-21T08:31:25.818Z	80.34270171	-0.071428571	19.37	0
2022-09-21T08:32:27.072Z	80.004552	0.133333333	19.35666667	0
2022-09-21T08:33:28.326Z	80.091936	0.15	19.335	0
2022-09-21T08:34:29.580Z	79.525032	-0.25	19.3	0
2022-09-21T08:35:30.834Z	79.115136	-0.35	19.29333333	0
2022-09-21T08:36:32.088Z	79.773744	-0.1	19.26666667	0
2022-09-21T08:37:33.342Z	79.533288	0.05	19.255	0
2022-09-21T08:38:34.596Z	79.58052	0.416666667	19.22	0
2022-09-21T08:39:35.850Z	80.04774857	-0.271428571	19.19857143	0
2022-09-21T08:40:37.104Z	79.31652	-0.7	19.17333333	0
2022-09-21T08:41:38.358Z	79.46472	0	19.14166667	0
2022-09-21T08:42:39.612Z	79.56456	-0.3	19.13	0
2022-09-21T08:43:40.866Z	79.357776	-0.2	19.10833333	0
2022-09-21T08:44:42.120Z	79.748184	-0.85	19.08833333	0
2022-09-21T08:45:43.374Z	79.312728	0.533333333	19.06333333	0
2022-09-21T08:46:44.628Z	78.985416	-0.15	19.03166667	0
2022-09-21T08:47:45.882Z	79.27882971	-0.385714286	19.00857143	0
2022-09-21T08:48:47.136Z	79.724064	0.4	18.99166667	0
2022-09-21T08:49:48.390Z	79.279056	0.05	18.96833333	0
2022-09-21T08:50:49.644Z	79.497576	0.8	18.95333333	0
2022-09-21T08:51:50.898Z	79.070328	0.15	18.92333333	0
2022-09-21T08:52:52.152Z	79.306968	-0.166666667	18.885	0
2022-09-21T08:53:53.406Z	78.849864	0.15	18.88	0
2022-09-21T08:54:54.660Z	79.321488	0.45	18.85166667	0
2022-09-21T08:55:55.914Z	79.523856	0.271428571	18.82714286	0
2022-09-21T08:56:57.168Z	78.953136	0.3	18.815	0
2022-09-21T08:57:58.422Z	78.942144	0.366666667	18.79	0
2022-09-21T08:58:59.676Z	79.262808	-0.183333333	18.77333333	0
2022-09-21T09:00:00.930Z	79.224936	-0.016666667	18.765	0
2022-09-21T09:01:02.184Z	78.947712	0.15	18.73666667	0
2022-09-21T09:02:03.438Z	79.047696	0.2	18.72	0
2022-09-21T09:03:04.692Z	79.375584	0.65	18.70666667	0
2022-09-21T09:04:05.946Z	79.29769371	0.285714286	18.68428571	0
2022-09-21T09:05:07.200Z	78.631032	0.3	18.66	0
2022-09-21T09:06:08.454Z	78.742968	1.3	18.65666667	0
2022-09-21T09:07:09.708Z	79.619736	0.233333333	18.63	0

2022-09-21T09:08:10.962Z	79.077	0.15	18.63333333	0
2022-09-21T09:09:12.216Z	79.262976	0.43333333	18.62166667	0
2022-09-21T09:10:13.470Z	79.12524	0.48333333	18.62166667	0
2022-09-21T09:11:14.724Z	78.628128	-0.2	18.61166667	0
2022-09-21T09:12:15.978Z	78.83158629	0.171428571	18.60285714	0
2022-09-21T09:13:17.232Z	79.159344	-0.35	18.6	0
2022-09-21T09:14:18.486Z	78.421032	-0.2	18.605	0
2022-09-21T09:15:19.740Z	79.062864	-0.1	18.60166667	0
2022-09-21T09:16:20.994Z	79.126128	0.05	18.59666667	0
2022-09-21T09:17:22.248Z	79.172184	-0.05	18.58	0
2022-09-21T09:18:23.502Z	78.9474	-0.2	18.57166667	0
2022-09-21T09:19:24.756Z	79.02569829	0.557142857	18.55	0
2022-09-21T09:20:26.010Z	79.074	0.2	18.55333333	0
2022-09-21T09:21:27.264Z	79.563216	-0.4	18.53	0
2022-09-21T09:22:28.518Z	79.10448	-0.15	18.51666667	0
2022-09-21T09:23:29.772Z	79.181112	-0.4	18.51166667	0
2022-09-21T09:24:31.026Z	79.027872	-0.3	18.50166667	0
2022-09-21T09:25:32.280Z	78.833064	0.2	18.49166667	0
2022-09-21T09:26:33.534Z	78.70452	-0.266666667	18.48166667	0
2022-09-21T09:27:34.788Z	79.176672	0.5	18.46714286	0
2022-09-21T09:28:36.042Z	78.764016	0.5	18.45666667	0
2022-09-21T09:29:37.296Z	79.150464	-0.05	18.445	0
2022-09-21T09:30:38.550Z	78.644712	0.6	18.43666667	0
2022-09-21T09:31:39.804Z	78.542376	-0.05	18.425	0
2022-09-21T09:32:41.058Z	78.895464	-3.70E-17	18.41	0
2022-09-21T09:33:42.312Z	79.037328	0.3	18.395	0
2022-09-21T09:34:43.566Z	78.834768	-0.15	18.37833333	0
2022-09-21T09:35:44.820Z	78.79710857	0.185714286	18.36857143	0
2022-09-21T09:36:46.074Z	78.7992	0.05	18.35166667	0
2022-09-21T09:37:47.328Z	78.894	0.066666667	18.34333333	0
2022-09-21T09:38:48.582Z	79.310592	0.233333333	18.33333333	0
2022-09-21T09:39:49.836Z	78.802872	0.283333333	18.31833333	0
2022-09-21T09:40:51.090Z	78.747648	-0.05	18.31	0
2022-09-21T09:41:52.344Z	78.76584	-0.65	18.30833333	0
2022-09-21T09:42:53.598Z	78.597456	0.3	18.295	0
2022-09-21T09:43:54.852Z	79.05270857	0.114285714	18.29428571	0
2022-09-21T09:44:56.106Z	78.924984	0.35	18.28	0
2022-09-21T09:45:57.360Z	78.548136	0.95	18.26166667	0
2022-09-21T09:46:58.614Z	79.009872	0.4	18.26	0
2022-09-21T09:47:59.868Z	78.584448	0.7	18.245	0
2022-09-21T09:49:01.122Z	79.126584	0.2	18.245	0
2022-09-21T09:50:02.376Z	78.792672	-0.2	18.22833333	0
2022-09-21T09:51:03.630Z	78.763608	-0.083333333	18.21833333	0
2022-09-21T09:52:04.884Z	78.71138743	0.328571429	18.21571429	0
2022-09-21T09:53:06.138Z	78.613104	0.083333333	18.20666667	0
2022-09-21T09:54:07.392Z	78.791496	-0.2	18.18833333	0
2022-09-21T09:55:08.646Z	78.955248	0.116666667	18.18666667	0
2022-09-21T09:56:09.900Z	78.521304	0.716666667	18.17833333	0
2022-09-21T09:57:11.154Z	78.590544	-0.25	18.16833333	0
2022-09-21T09:58:12.408Z	79.024032	0.533333333	18.16166667	0
2022-09-21T09:59:13.662Z	78.528816	0.15	18.16	0
2022-09-21T10:00:14.916Z	78.544368	-7.93E-18	18.14857143	0
2022-09-21T10:01:16.170Z	78.844152	0.45	18.14	0
2022-09-21T10:02:17.424Z	78.48216	0.1	18.12166667	0
2022-09-21T10:03:18.678Z	78.696792	0.2	18.105	0

2022-09-21T10:04:19.932Z	79.167768	0.3	18.09166667	0
2022-09-21T10:05:21.186Z	78.49476	0.05	18.08	0
2022-09-21T10:06:22.440Z	78.152256	-0.3	18.07333333	0
2022-09-21T10:07:23.694Z	78.426504	0.316666667	18.06333333	0
2022-09-21T10:08:24.948Z	78.51606171	0.5	18.05142857	0
2022-09-21T10:09:26.202Z	78.328488	-0.133333333	18.035	0
2022-09-21T10:10:27.456Z	78.8106	0.1	18.01333333	0
2022-09-21T10:11:28.710Z	78.012264	0.3	18	0
2022-09-21T10:12:29.964Z	78.124152	-0.45	17.99	0
2022-09-21T10:13:31.218Z	78.169416	0.1	17.98	0
2022-09-21T10:14:32.472Z	78.88968	0.75	17.96333333	0
2022-09-21T10:15:33.726Z	78.809928	0.25	17.95166667	0
2022-09-21T10:16:34.980Z	78.50264914	-0.028571429	17.94	0
2022-09-21T10:17:36.234Z	78.115272	-0.05	17.91833333	0
2022-09-21T10:18:37.488Z	78.41616	0.033333333	17.91166667	0
2022-09-21T10:19:38.742Z	77.987616	0.033333333	17.89	0
2022-09-21T10:20:39.996Z	78.274584	-0.05	17.885	0
2022-09-21T10:21:41.250Z	78.444192	-0.2	17.86166667	0
2022-09-21T10:22:42.504Z	78.201048	-0.3	17.86	0
2022-09-21T10:23:43.758Z	78.270384	-0.1	17.84	0
2022-09-21T10:24:45.012Z	77.87972571	0.5	17.82857143	0
2022-09-21T10:25:46.266Z	78.104616	-0.1	17.81333333	0
2022-09-21T10:26:47.520Z	77.730072	0.55	17.79833333	0
2022-09-21T10:27:48.774Z	78.389472	0.7	17.785	0
2022-09-21T10:28:50.028Z	77.451504	0.85	17.79166667	0
2022-09-21T10:29:51.282Z	77.836488	0.5	17.75666667	0
2022-09-21T10:30:52.536Z	78.016008	0.583333333	17.75166667	0
2022-09-21T10:31:53.790Z	78.280848	0.433333333	17.745	0
2022-09-21T10:32:55.044Z	77.954256	0	17.72857143	0
2022-09-21T10:33:56.298Z	77.83956	0.45	17.70666667	0
2022-09-21T10:34:57.552Z	77.962968	-0.1	17.705	0
2022-09-21T10:35:58.806Z	77.760432	-0.15	17.69166667	0
2022-09-21T10:37:00.060Z	78.392784	-0.2	17.68	0
2022-09-21T10:38:01.314Z	78.122976	0.5	17.675	0
2022-09-21T10:39:02.568Z	77.9058	-0.35	17.655	0
2022-09-21T10:40:03.822Z	78.097656	-0.1	17.64666667	0
2022-09-21T10:41:05.076Z	77.95189029	0.571428571	17.63428571	0
2022-09-21T10:42:06.330Z	77.279016	0.1	17.61666667	0
2022-09-21T10:43:07.584Z	77.973936	0.133333333	17.60666667	0
2022-09-21T10:44:08.838Z	77.822112	0.483333333	17.6	0
2022-09-21T10:45:10.092Z	77.855832	0.05	17.58666667	0
2022-09-21T10:46:11.346Z	78.101568	1	17.565	0
2022-09-21T10:47:12.600Z	78.01116	0.8	17.56	0
2022-09-21T10:48:13.854Z	77.794896	0.55	17.54666667	0
2022-09-21T10:49:15.108Z	77.84168914	0.057142857	17.53	0
2022-09-21T10:50:16.362Z	77.7276	0.2	17.525	0
2022-09-21T10:51:17.616Z	77.643048	0.05	17.515	0
2022-09-21T10:52:18.870Z	77.782032	-0.1	17.50666667	0
2022-09-21T10:53:20.124Z	77.859528	0.4	17.49	0
2022-09-21T10:54:21.378Z	77.438472	0.516666667	17.48833333	0
2022-09-21T10:55:22.632Z	77.849544	-0.3	17.48	0
2022-09-21T10:56:23.886Z	77.538696	0.283333333	17.47	0
2022-09-21T10:57:25.140Z	77.77999543	0.8	17.46	0
2022-09-21T10:58:26.394Z	77.933664	0.683333333	17.44333333	0
2022-09-21T10:59:27.648Z	77.654856	0.25	17.43333333	0

2022-09-21T11:00:28.902Z	77.512632	0.9	17.42166667	0
2022-09-21T11:01:30.156Z	77.705808	0.25	17.42666667	0
2022-09-21T11:02:31.410Z	77.36736	-0.2	17.41333333	0
2022-09-21T11:03:32.664Z	77.171544	0.05	17.41	0
2022-09-21T11:04:33.918Z	77.791368	-0.3	17.40333333	0
2022-09-21T11:05:35.172Z	77.67327086	0.285714286	17.39142857	0
2022-09-21T11:06:36.426Z	77.973432	0.3	17.38166667	0
2022-09-21T11:07:37.680Z	77.43096	0.15	17.365	0
2022-09-21T11:08:38.934Z	77.69592	-0.05	17.36166667	0
2022-09-21T11:09:40.188Z	77.194248	0.05	17.365	0
2022-09-21T11:10:41.442Z	76.941768	-0.3	17.34666667	0
2022-09-21T11:11:42.696Z	77.216376	0.75	17.33	0
2022-09-21T11:12:43.950Z	77.886864	0.533333333	17.33166667	0
2022-09-21T11:13:45.204Z	77.32186971	0.428571429	17.31857143	0
2022-09-21T11:14:46.458Z	77.631024	0.35	17.3	0
2022-09-21T11:15:47.712Z	77.023296	-0.05	17.30166667	0
2022-09-21T11:16:48.966Z	76.78272	-0.15	17.3	0
2022-09-21T11:17:50.220Z	77.642352	0	17.28333333	0
2022-09-21T11:18:51.474Z	76.73604	0.4	17.28333333	0
2022-09-21T11:19:52.728Z	77.443392	-0.3	17.25833333	0
2022-09-21T11:20:53.982Z	76.56196114	0.385714286	17.25428571	0
2022-09-21T11:21:55.236Z	76.974624	0.55	17.24166667	0
2022-09-21T11:22:56.490Z	77.229312	0.2	17.245	0
2022-09-21T11:23:57.744Z	76.977552	0.7	17.235	0
2022-09-21T11:24:58.998Z	76.960176	-0.45	17.22666667	0
2022-09-21T11:26:00.252Z	77.356032	-0.25	17.23333333	0
2022-09-21T11:27:01.506Z	76.62768	0.45	17.20666667	0
2022-09-21T11:28:02.760Z	77.4777024	0.6	17.18	0
2022-09-21T11:29:04.014Z	77.03302629	0.9	17.19571429	0
2022-09-21T11:30:05.268Z	77.353812	0.6	17.1925	0
2022-09-21T11:31:06.522Z	76.833552	0.4	17.19166667	0
2022-09-21T11:32:07.776Z	76.566504	0.533333333	17.16833333	0
2022-09-21T11:33:09.030Z	76.60992	0.3	17.16666667	0
2022-09-21T11:34:10.284Z	76.593072	0.1	17.165	0
2022-09-21T11:35:11.538Z	76.394736	-1.39E-17	17.15833333	0
2022-09-21T11:36:12.792Z	76.633512	0.45	17.16666667	0
2022-09-21T11:37:14.046Z	77.100408	-0.35	17.14666667	0
2022-09-21T11:38:15.300Z	76.38689829	0.228571429	17.14714286	0
2022-09-21T11:39:16.554Z	77.402616	-1.39E-17	17.14666667	0
2022-09-21T11:40:17.808Z	76.67496	0.55	17.13166667	0
2022-09-21T11:41:19.062Z	76.990584	0.6	17.13666667	0
2022-09-21T11:42:20.316Z	77.067864	0.3	17.11333333	0
2022-09-21T11:43:21.570Z	76.475784	0.4	17.115	0
2022-09-21T11:44:22.824Z	76.96608	0.5	17.105	0
2022-09-21T11:45:24.078Z	76.316088	0.65	17.095	0
2022-09-21T11:46:25.332Z	76.38751543	0.357142857	17.09285714	0
2022-09-21T11:47:26.586Z	76.520112	0.75	17.08333333	0
2022-09-21T11:48:27.840Z	76.1766	0.35	17.08333333	0
2022-09-21T11:49:29.094Z	76.5324	0.216666667	17.08	0
2022-09-21T11:50:30.348Z	76.808064	0.35	17.06666667	0
2022-09-21T11:51:31.602Z	76.652232	0.5	17.08166667	0
2022-09-21T11:52:32.856Z	76.934496	-0.25	17.08	0
2022-09-21T11:53:34.110Z	77.47767771	0.485714286	17.08428571	0
2022-09-21T11:54:35.364Z	76.693008	0.316666667	17.07333333	0
2022-09-21T11:55:36.618Z	77.04996	0.816666667	17.07666667	0

2022-09-21T11:56:37.872Z	76.736832	0.066666667	17.07666667	0
2022-09-21T11:57:39.126Z	76.495704	0.55	17.08	0
2022-09-21T11:58:40.380Z	76.923384	0.816666667	17.07833333	0
2022-09-21T11:59:41.634Z	76.740384	0.7	17.07833333	0
2022-09-21T12:00:42.888Z	76.975416	0.75	17.07666667	0
2022-09-21T12:01:44.142Z	77.15826514	0.442857143	17.07571429	0
2022-09-21T12:02:45.396Z	77.067864	0.133333333	17.07	0
2022-09-21T12:03:46.650Z	76.813032	0.85	17.07166667	0
2022-09-21T12:04:47.904Z	76.748256	0.366666667	17.07	0
2022-09-21T12:05:49.158Z	76.812888	0.366666667	17.06	0
2022-09-21T12:06:50.412Z	76.989672	0.466666667	17.06833333	0
2022-09-21T12:07:51.666Z	77.1192	-0.233333333	17.05333333	0
2022-09-21T12:08:52.920Z	77.545416	0.1	17.04666667	0
2022-09-21T12:09:54.174Z	77.22039086	0.628571429	17.03	0
2022-09-21T12:10:55.428Z	77.16252	0.383333333	17.03	0
2022-09-21T12:11:56.682Z	76.991472	0.283333333	17.02666667	0
2022-09-21T12:12:57.936Z	76.672944	-0.15	17.01333333	0
2022-09-21T12:13:59.190Z	77.3067744	0.38	16.992	0
2022-09-21T12:15:00.444Z	76.965	0.2	17.01833333	0
2022-09-21T12:16:01.698Z	76.163472	0.68	17.012	0
2022-09-21T12:17:02.952Z	76.8563136	0.44	17.01	0
2022-09-21T12:18:04.206Z	77.128416	0.114285714	16.99428571	0
2022-09-21T12:19:05.460Z	77.015136	0.4	16.99666667	0
2022-09-21T12:20:06.714Z	76.542144	0.25	16.99333333	0
2022-09-21T12:21:07.968Z	77.081808	0.35	16.98666667	0
2022-09-21T12:22:09.222Z	76.974336	0.6	16.98333333	0
2022-09-21T12:23:10.476Z	77.05896	0.2	16.97333333	0
2022-09-21T12:24:11.730Z	76.81272	1.05	16.96833333	0
2022-09-21T12:25:12.984Z	76.64004	-0.05	16.94833333	0
2022-09-21T12:26:14.238Z	77.09085257	0.457142857	16.95285714	0
2022-09-21T12:27:15.492Z	76.847784	0.05	16.94	0
2022-09-21T12:28:16.746Z	77.045808	0.1	16.93166667	0
2022-09-21T12:29:18.000Z	76.467624	0.95	16.93166667	0
2022-09-21T12:30:19.254Z	77.31156	0.4	16.91333333	0
2022-09-21T12:31:20.508Z	76.660728	0.45	16.90333333	0
2022-09-21T12:32:21.762Z	76.939536	0.383333333	16.90333333	0
2022-09-21T12:33:23.016Z	76.851792	0.45	16.89666667	0
2022-09-21T12:34:24.270Z	77.04226286	0.142857143	16.88857143	0
2022-09-21T12:35:25.524Z	77.414064	0.7	16.895	0
2022-09-21T12:36:26.778Z	77.21508	0.383333333	16.88833333	0
2022-09-21T12:37:28.032Z	76.655568	-0.05	16.87833333	0
2022-09-21T12:38:29.286Z	77.014296	0.45	16.88666667	0
2022-09-21T12:39:30.540Z	76.335456	0.2	16.87833333	0
2022-09-21T12:40:31.794Z	77.01636	0.7	16.88	0
2022-09-21T12:41:33.048Z	77.317416	0.8	16.86833333	0
2022-09-21T12:42:34.302Z	76.70882057	0.985714286	16.86285714	0
2022-09-21T12:43:35.556Z	76.81764	0.05	16.86666667	0
2022-09-21T12:44:36.810Z	76.908096	0.25	16.86833333	0
2022-09-21T12:45:38.064Z	76.736088	0.25	16.87	0
2022-09-21T12:46:39.318Z	77.467536	0.45	16.87	0
2022-09-21T12:47:40.572Z	77.19048	0.15	16.885	0
2022-09-21T12:48:41.826Z	77.302896	0.05	16.895	0
2022-09-21T12:49:43.080Z	77.661672	0.1	16.915	0
2022-09-21T12:50:44.334Z	77.53525714	0.271428571	16.95142857	0
2022-09-21T12:51:45.588Z	77.90772	0.35	16.98666667	0

2022-09-21T12:52:46.842Z	78.222216	0.8	17.01333333	0
2022-09-21T12:53:48.096Z	77.6064	0.05	17.06333333	0
2022-09-21T12:54:49.350Z	78.002232	0.816666667	17.105	0
2022-09-21T12:55:50.604Z	78.479928	0.15	17.165	0
2022-09-21T12:56:51.858Z	78.25368	0.35	17.22	0
2022-09-21T12:57:53.112Z	78.948672	0.7	17.28	0
2022-09-21T12:58:54.366Z	78.64208229	0.914285714	17.33142857	0
2022-09-21T12:59:55.620Z	78.66384	0.35	17.40666667	0
2022-09-21T13:00:56.874Z	78.877128	0.766666667	17.47666667	0
2022-09-21T13:01:58.128Z	78.3972	0.4	17.53666667	0
2022-09-21T13:02:59.382Z	78.534072	0.35	17.61833333	0
2022-09-21T13:04:00.636Z	78.851112	1.016666667	17.7	0
2022-09-21T13:05:01.890Z	78.441024	0.7	17.78666667	0
2022-09-21T13:06:03.144Z	78.697584	0.2	17.87166667	0
2022-09-21T13:07:04.398Z	78.98027657	0.228571429	17.96571429	0
2022-09-21T13:08:05.652Z	78.97524	0.85	18.07333333	0
2022-09-21T13:09:06.906Z	78.704472	0.083333333	18.16166667	0
2022-09-21T13:10:08.160Z	79.023696	0.4	18.25666667	0
2022-09-21T13:11:09.414Z	79.162776	0.9	18.36666667	0
2022-09-21T13:12:10.668Z	78.90372	0.633333333	18.47333333	0
2022-09-21T13:13:11.922Z	79.021296	0.483333333	18.58333333	0
2022-09-21T13:14:13.176Z	79.007472	0.25	18.69666667	0
2022-09-21T13:15:14.430Z	78.77787429	0.657142857	18.83285714	0
2022-09-21T13:16:15.684Z	79.136592	0.65	18.96333333	0
2022-09-21T13:17:16.938Z	78.320088	0.416666667	19.08333333	0
2022-09-21T13:18:18.192Z	78.96852	0.55	19.21666667	0
2022-09-21T13:19:19.446Z	78.751056	1.1	19.33833333	0
2022-09-21T13:20:20.700Z	78.716688	0.316666667	19.475	0
2022-09-21T13:21:21.954Z	78.807768	-0.2	19.61333333	0
2022-09-21T13:22:23.208Z	78.507816	0.066666667	19.74333333	0
2022-09-21T13:23:24.462Z	78.52754057	0.385714286	19.88	0
2022-09-21T13:24:25.716Z	78.730944	0.05	20.01666667	0
2022-09-21T13:25:26.970Z	78.241776	0.433333333	20.14166667	0
2022-09-21T13:26:28.224Z	78.565488	0.6	20.27	0
2022-09-21T13:27:29.478Z	78.46836	0.9	20.39833333	0
2022-09-21T13:28:30.732Z	78.653232	0.333333333	20.51833333	0
2022-09-21T13:29:31.986Z	78.524976	0.133333333	20.63833333	0
2022-09-21T13:30:33.240Z	78.824256	0.25	20.75333333	0
2022-09-21T13:31:34.494Z	78.53358857	0.328571429	20.88857143	0
2022-09-21T13:32:35.748Z	78.855528	0.2	21.025	0
2022-09-21T13:33:37.002Z	78.658176	0.3	21.14	0
2022-09-21T13:34:38.256Z	78.662928	0.566666667	21.25166667	0
2022-09-21T13:35:39.510Z	78.88644	0.583333333	21.38	0
2022-09-21T13:36:40.764Z	79.39908	0.15	21.49833333	0
2022-09-21T13:37:42.018Z	79.709808	-0.016666667	21.62666667	0
2022-09-21T13:38:43.272Z	79.597944	-0.1	21.74333333	0
2022-09-21T13:39:44.526Z	78.86857371	-0.2	21.86857143	0
2022-09-21T13:40:45.780Z	79.199784	-0.2	21.995	0
2022-09-21T13:41:47.034Z	79.431912	-0.283333333	22.11666667	0
2022-09-21T13:42:48.288Z	79.251864	0.433333333	22.24166667	0
2022-09-21T13:43:49.542Z	79.32312	0.016666667	22.34833333	0
2022-09-21T13:44:50.796Z	79.105704	0.633333333	22.46333333	0
2022-09-21T13:45:52.050Z	79.863672	1.133333333	22.57166667	0
2022-09-21T13:46:53.304Z	78.68376	0.183333333	22.665	0
2022-09-21T13:47:54.558Z	79.46707886	0.2	22.78571429	0

2022-09-21T13:48:55.812Z	79.489848	0.35	22.89666667	0
2022-09-21T13:49:57.066Z	79.502688	0.65	22.99166667	0
2022-09-21T13:50:58.320Z	79.231368	0.63333333	23.095	0
2022-09-21T13:51:59.574Z	79.342584	0.7	23.2	0
2022-09-21T13:53:00.828Z	79.312344	0.45	23.30333333	0
2022-09-21T13:54:02.082Z	79.807512	-0.13333333	23.40166667	0
2022-09-21T13:55:03.336Z	80.03208	-0.08333333	23.52	0
2022-09-21T13:56:04.590Z	70.89730971	0.214285714	23.61571429	0
2022-09-21T13:57:05.844Z	80.000808	0.01666667	23.715	0
2022-09-21T13:58:07.098Z	79.26096	0.21666667	23.81333333	0
2022-09-21T13:59:08.352Z	79.9938	0.66666667	23.89	0
2022-09-21T14:00:09.606Z	79.988976	0.6	23.98333333	0
2022-09-21T14:01:10.860Z	79.823064	0.15	24.075	0
2022-09-21T14:02:12.114Z	79.644072	0.23333333	24.155	0
2022-09-21T14:03:13.368Z	79.658664	0.2	24.25833333	0
2022-09-21T14:04:14.622Z	80.42638629	0.328571429	24.34285714	0
2022-09-21T14:05:15.876Z	80.189784	0.2	24.43166667	0
2022-09-21T14:06:17.130Z	79.631952	0.63333333	24.51666667	0
2022-09-21T14:07:18.384Z	79.632288	-1.85E-17	24.60833333	0
2022-09-21T14:08:19.638Z	80.131152	-0.05	24.68833333	0
2022-09-21T14:09:20.892Z	79.763016	0.18333333	24.77166667	0
2022-09-21T14:10:22.146Z	79.81116	0.65	24.84833333	0
2022-09-21T14:11:23.400Z	79.760712	-0.21666667	24.92833333	0
2022-09-21T14:12:24.654Z	80.16984	-0.171428571	24.99571429	0
2022-09-21T14:13:25.908Z	80.22372	-0.1	25.06666667	0
2022-09-21T14:14:27.162Z	80.542992	0.55	25.15	0
2022-09-21T14:15:28.416Z	80.83716	-0.35	25.245	0
2022-09-21T14:16:29.670Z	80.91228	0.73333333	25.32666667	0
2022-09-21T14:17:30.924Z	80.927904	-0.38333333	25.425	0
2022-09-21T14:18:32.178Z	82.256136	0.61666667	25.50833333	0
2022-09-21T14:19:33.432Z	82.22288914	0.285714286	25.59285714	0
2022-09-21T14:20:34.686Z	82.18656	-0.05	25.67666667	0
2022-09-21T14:21:35.940Z	82.90944	0.25	25.75	0
2022-09-21T14:22:37.194Z	83.740152	0.18333333	25.815	0
2022-09-21T14:23:38.448Z	83.786808	0.55	25.91333333	0
2022-09-21T14:24:39.702Z	84.200736	0.46666667	25.98666667	0
2022-09-21T14:25:40.956Z	84.389112	0.38333333	26.055	0
2022-09-21T14:26:42.210Z	84.13848	0.01666667	26.12333333	0
2022-09-21T14:27:43.464Z	84.359664	-1.59E-17	26.21	0
2022-09-21T14:28:44.718Z	85.013808	0.15	26.285	0
2022-09-21T14:29:45.972Z	84.990648	-0.01666667	26.36166667	0
2022-09-21T14:30:47.226Z	85.264152	-0.28333333	26.43	0
2022-09-21T14:31:48.480Z	85.453776	-0.01666667	26.51	0
2022-09-21T14:32:49.734Z	84.806496	-0.3	26.59333333	0
2022-09-21T14:33:50.988Z	85.4715744	0.02	26.622	0
2022-09-21T14:34:52.242Z	85.887192	-0.13333333	26.72333333	0
2022-09-21T14:35:53.496Z	85.314864	0.15	26.78333333	0
2022-09-21T14:36:54.750Z	85.571856	0.425	26.8525	0
2022-09-21T14:37:56.004Z	85.822656	0.08333333	26.92333333	0
2022-09-21T14:38:57.258Z	85.16112	-0.76666667	26.99166667	0
2022-09-21T14:39:58.512Z	85.27836	0.1	27.07	0
2022-09-21T14:40:59.766Z	84.979896	-0.45	27.17333333	0
2022-09-21T14:42:01.020Z	84.49128	0.2	27.25666667	0
2022-09-21T14:43:02.274Z	84.406584	-0.1	27.35166667	0
2022-09-21T14:44:03.528Z	83.97775543	-0.814285714	27.45	0

2022-09-21T14:45:04.782Z	84.083112	-0.2	27.55166667	0
2022-09-21T14:46:06.036Z	83.339736	0.166666667	27.63333333	0
2022-09-21T14:47:07.290Z	83.804664	-0.2	27.7	0
2022-09-21T14:48:08.544Z	83.171856	-0.333333333	27.765	0
2022-09-21T14:49:09.798Z	82.846896	-0.5	27.83	0
2022-09-21T14:50:11.052Z	83.270544	-0.266666667	27.885	0
2022-09-21T14:51:12.306Z	82.837776	-7.40E-17	27.92833333	0
2022-09-21T14:52:13.560Z	82.244448	-0.171428571	28.00285714	0
2022-09-21T14:53:14.814Z	82.295016	-0.55	28.07333333	0
2022-09-21T14:54:16.068Z	82.744224	-0.35	28.125	0
2022-09-21T14:55:17.322Z	82.305792	-0.35	28.165	0
2022-09-21T14:56:18.576Z	81.785256	-1.05	28.22166667	0
2022-09-21T14:57:19.830Z	71.373216	-0.183333333	28.27166667	0
2022-09-21T14:58:21.084Z	81.952272	-0.55	28.32833333	0
2022-09-21T14:59:22.338Z	82.421952	-0.35	28.36333333	0
2022-09-21T15:00:23.592Z	81.97148571	-0.471428571	28.42857143	0
2022-09-21T15:01:24.846Z	82.502472	-0.25	28.49	0
2022-09-21T15:02:26.100Z	81.96924	-0.1	28.555	0
2022-09-21T15:03:27.354Z	81.708624	-0.4	28.625	0
2022-09-21T15:04:28.608Z	81.736848	-0.85	28.69166667	0
2022-09-21T15:05:29.862Z	81.500928	-0.583333333	28.76	0
2022-09-21T15:06:31.116Z	81.677784	-0.6	28.81833333	0
2022-09-21T15:07:32.370Z	81.530472	-0.9	28.875	0
2022-09-21T15:08:33.624Z	81.81958629	-0.257142857	28.92428571	0
2022-09-21T15:09:34.878Z	81.804408	-0.35	28.98	0
2022-09-21T15:10:36.132Z	81.082656	-0.55	29.035	0
2022-09-21T15:11:37.386Z	81.847296	0.05	29.09666667	0
2022-09-21T15:12:38.640Z	81.92208	-0.266666667	29.16	0
2022-09-21T15:13:39.894Z	71.303976	-0.2	29.22666667	0
2022-09-21T15:14:41.148Z	82.078416	-0.75	29.29666667	0
2022-09-21T15:15:42.402Z	82.030512	0.1	29.375	0
2022-09-21T15:16:43.656Z	81.79662857	-0.9	29.46	0
2022-09-21T15:17:44.910Z	82.184712	0.066666667	29.525	0
2022-09-21T15:18:46.164Z	82.1058	-0.35	29.59833333	0
2022-09-21T15:19:47.418Z	82.269984	0	29.67333333	0
2022-09-21T15:20:48.672Z	81.998424	-0.65	29.74333333	0
2022-09-21T15:21:49.926Z	82.484928	-0.433333333	29.815	0
2022-09-21T15:22:51.180Z	82.096248	-1.25	29.87833333	0
2022-09-21T15:23:52.434Z	81.89232	0.183333333	29.92333333	0
2022-09-21T15:24:53.688Z	81.86537829	-0.485714286	29.98	0
2022-09-21T15:25:54.942Z	82.724616	-0.85	30.04166667	0
2022-09-21T15:26:56.196Z	81.973272	-0.35	30.10333333	0
2022-09-21T15:27:57.450Z	82.42308	-1.25	30.16166667	0
2022-09-21T15:28:58.704Z	82.407336	-0.416666667	30.21166667	0
2022-09-21T15:29:59.958Z	82.520808	-0.533333333	30.27333333	0
2022-09-21T15:31:01.212Z	81.745272	-0.45	30.32333333	0
2022-09-21T15:32:02.466Z	82.195992	-0.633333333	30.37833333	0
2022-09-21T15:33:03.720Z	82.167408	-0.557142857	30.42857143	0
2022-09-21T15:34:04.974Z	83.039424	0.1	30.49333333	0
2022-09-21T15:35:06.228Z	83.462208	-0.35	30.55166667	0
2022-09-21T15:36:07.482Z	82.736784	-1.05	30.60666667	0
2022-09-21T15:37:08.736Z	83.18616	-0.866666667	30.66333333	0
2022-09-21T15:38:09.990Z	83.084448	-1.316666667	30.725	0
2022-09-21T15:39:11.244Z	83.556576	-0.6	30.785	0
2022-09-21T15:40:12.498Z	83.06532	-0.483333333	30.83666667	0

2022-09-21T15:41:13.752Z	73.83330514	-0.4	30.90285714	0
2022-09-21T15:42:15.006Z	83.285112	-1	30.95833333	0
2022-09-21T15:43:16.260Z	82.927416	-1.3	30.995	0
2022-09-21T15:44:17.514Z	83.302392	-0.35	31.04333333	0
2022-09-21T15:45:18.768Z	82.991712	-1.65	31.11666667	0
2022-09-21T15:46:20.022Z	82.744392	-1.5	31.16833333	0
2022-09-21T15:47:21.276Z	83.374248	-0.7	31.245	0
2022-09-21T15:48:22.530Z	83.515776	-0.63333333	31.31333333	0
2022-09-21T15:49:23.784Z	82.67634514	-0.485714286	31.38142857	0
2022-09-21T15:50:25.038Z	82.982664	-1.35	31.445	0
2022-09-21T15:51:26.292Z	83.299344	-0.53333333	31.51333333	0
2022-09-21T15:52:27.546Z	83.473368	-0.95	31.57166667	0
2022-09-21T15:53:28.800Z	72.285744	-0.6	31.64	0
2022-09-21T15:54:30.054Z	83.11584	-0.4	31.69166667	0
2022-09-21T15:55:31.308Z	82.868352	-1.11666667	31.755	0
2022-09-21T15:56:32.562Z	83.17428	-1.03333333	31.82833333	0
2022-09-21T15:57:33.816Z	83.01314057	0.142857143	31.89571429	0
2022-09-21T15:58:35.070Z	83.077992	-0.65	31.97666667	0
2022-09-21T15:59:36.324Z	83.146296	-1.2	32.04333333	0
2022-09-21T16:00:37.578Z	82.704744	-0.78333333	32.13666667	0
2022-09-21T16:01:38.832Z	83.4744	-1.2	32.20666667	0
2022-09-21T16:02:40.086Z	82.26216	-1.21666667	32.28333333	0
2022-09-21T16:03:41.340Z	82.969224	-1.4	32.365	0
2022-09-21T16:04:42.594Z	82.665456	-1.2	32.43833333	0
2022-09-21T16:05:43.848Z	82.52487771	-0.714285714	32.52285714	0
2022-09-21T16:06:45.102Z	82.89864	-1.35	32.57666667	0
2022-09-21T16:07:46.356Z	82.413048	-0.9	32.63166667	0
2022-09-21T16:08:47.610Z	83.090736	-0.81666667	32.67666667	0
2022-09-21T16:09:48.864Z	82.803024	-1.43333333	32.745	0
2022-09-21T16:10:50.118Z	83.151792	-0.9	32.785	0
2022-09-21T16:11:51.372Z	82.535736	-1.45	32.815	0
2022-09-21T16:12:52.626Z	83.049576	-1.35	32.87833333	0
2022-09-21T16:13:53.880Z	82.53263314	-0.671428571	32.94714286	0
2022-09-21T16:14:55.134Z	83.060016	-0.6	33.015	0
2022-09-21T16:15:56.388Z	83.156832	-0.85	33.09166667	0
2022-09-21T16:16:57.642Z	83.161704	-0.86666667	33.13333333	0
2022-09-21T16:17:58.896Z	83.252496	-1.36666667	33.18833333	0
2022-09-21T16:19:00.150Z	83.041656	-1.25	33.23833333	0
2022-09-21T16:20:01.404Z	82.8174	-1.4	33.26333333	0
2022-09-21T16:21:02.658Z	83.0874	-0.88333333	33.29	0
2022-09-21T16:22:03.912Z	82.79718171	-1.185714286	33.33857143	0
2022-09-21T16:23:05.166Z	82.62492	-1.1	33.38666667	0
2022-09-21T16:24:06.420Z	82.619664	-1.43333333	33.40333333	0
2022-09-21T16:25:07.674Z	83.22768	-1	33.45666667	0
2022-09-21T16:26:08.928Z	83.524272	-0.85	33.50166667	0
2022-09-21T16:27:10.182Z	82.446768	-1.3	33.52333333	0
2022-09-21T16:28:11.436Z	83.097864	-0.85	33.555	0
2022-09-21T16:29:12.690Z	82.50816	-1.5	33.585	0
2022-09-21T16:30:13.944Z	83.18308114	-1.042857143	33.64	0
2022-09-21T16:31:15.198Z	82.978152	-0.96666667	33.67666667	0
2022-09-21T16:32:16.452Z	82.91832	-1.35	33.71833333	0
2022-09-21T16:33:17.706Z	83.15184	-1.35	33.785	0
2022-09-21T16:34:18.960Z	82.530528	-1.05	33.84833333	0
2022-09-21T16:35:20.214Z	83.405544	-1.01666667	33.915	0
2022-09-21T16:36:21.468Z	82.857408	-1	33.98	0

2022-09-21T16:37:22.722Z	71.675352	-1.25	34.01666667	0
2022-09-21T16:38:23.976Z	82.64672229	-1.557142857	34.07428571	0
2022-09-21T16:39:25.230Z	82.76784	-0.85	34.15666667	0
2022-09-21T16:40:26.484Z	82.332456	-1.116666667	34.21833333	0
2022-09-21T16:41:27.738Z	82.77216	-1.483333333	34.26666667	0
2022-09-21T16:42:28.992Z	82.751616	-1.3	34.3	0
2022-09-21T16:43:30.246Z	82.850112	-1.75	34.335	0
2022-09-21T16:44:31.500Z	82.4766	-1.816666667	34.37666667	0
2022-09-21T16:45:32.754Z	82.896768	-1.971428571	34.41857143	0
2022-09-21T16:46:34.008Z	82.748592	-1.05	34.47	0
2022-09-21T16:47:35.262Z	71.897664	-1.033333333	34.52833333	0
2022-09-21T16:48:36.516Z	82.862592	-1.5	34.56833333	0
2022-09-21T16:49:37.770Z	82.829184	-1.4	34.60166667	0
2022-09-21T16:50:39.024Z	82.861656	-2.2	34.64166667	0
2022-09-21T16:51:40.278Z	82.996032	-0.983333333	34.67666667	0
2022-09-21T16:52:41.532Z	82.789176	-1.45	34.69	0
2022-09-21T16:53:42.786Z	82.94813486	-1.1	34.70857143	0
2022-09-21T16:54:44.040Z	82.866408	-0.9	34.73166667	0
2022-09-21T16:55:45.294Z	83.143176	-1.233333333	34.76	0
2022-09-21T16:56:46.548Z	82.467864	-1.966666667	34.795	0
2022-09-21T16:57:47.802Z	82.202856	-1.8	34.81666667	0
2022-09-21T16:58:49.056Z	82.317288	-1	34.865	0
2022-09-21T16:59:50.310Z	82.322688	-1.75	34.89333333	0
2022-09-21T17:00:51.564Z	82.768824	-1.666666667	34.915	0
2022-09-21T17:01:52.818Z	82.85498743	-1.771428571	34.95	0
2022-09-21T17:02:54.072Z	82.517688	-1.85	34.98166667	0
2022-09-21T17:03:55.326Z	82.217328	-0.95	35.03	0
2022-09-21T17:04:56.580Z	82.554912	-1.55	35.08166667	0
2022-09-21T17:05:57.834Z	82.234128	-1.633333333	35.15333333	0
2022-09-21T17:06:59.088Z	81.786984	-1.7	35.215	0
2022-09-21T17:08:00.342Z	81.649296	-1.85	35.24833333	0
2022-09-21T17:09:01.596Z	81.72336	-1.483333333	35.29	0
2022-09-21T17:10:02.850Z	81.79337829	-2.014285714	35.34	0
2022-09-21T17:11:04.104Z	81.420792	-1.85	35.38333333	0
2022-09-21T17:12:05.358Z	81.695904	-1.8	35.40333333	0
2022-09-21T17:13:06.612Z	81.552624	-1.733333333	35.43166667	0
2022-09-21T17:14:07.866Z	71.054376	-1.3	35.46166667	0
2022-09-21T17:15:09.120Z	71.288664	-1.45	35.48333333	0
2022-09-21T17:16:10.374Z	81.637536	-1.85	35.49	0
2022-09-21T17:17:11.628Z	81.242688	-1.45	35.50166667	0
2022-09-21T17:18:12.882Z	81.775152	-1.942857143	35.51714286	0
2022-09-21T17:19:14.136Z	82.047072	-1.433333333	35.52833333	0
2022-09-21T17:20:15.390Z	81.54288	-1.733333333	35.54	0
2022-09-21T17:21:16.644Z	81.71496	-2.383333333	35.53166667	0
2022-09-21T17:22:17.898Z	82.378032	-1.716666667	35.53333333	0
2022-09-21T17:23:19.152Z	82.28484	-1.85	35.53166667	0
2022-09-21T17:24:20.406Z	82.441992	-1.45	35.53666667	0
2022-09-21T17:25:21.660Z	82.573536	-2	35.54333333	0
2022-09-21T17:26:22.914Z	82.23949029	-1.742857143	35.55142857	0
2022-09-21T17:27:24.168Z	81.978696	-2.3	35.555	0
2022-09-21T17:28:25.422Z	82.270536	-1.7	35.59	0
2022-09-21T17:29:26.676Z	82.418688	-2.3	35.625	0
2022-09-21T17:30:27.930Z	81.345168	-1.85	35.675	0
2022-09-21T17:31:29.184Z	81.85188	-2.2	35.73666667	0
2022-09-21T17:32:30.438Z	81.738216	-1.5	35.79166667	0

2022-09-21T17:33:31.692Z	81.649032	-1.8	35.82833333	0
2022-09-21T17:34:32.946Z	81.79247314	-1.728571429	35.88571429	0
2022-09-21T17:35:34.200Z	81.986088	-2.266666667	35.94333333	0
2022-09-21T17:36:35.454Z	81.860952	-2.233333333	35.945	0
2022-09-21T17:37:36.708Z	81.858048	-2.3	35.96833333	0
2022-09-21T17:38:37.962Z	81.740664	-2.25	35.99833333	0
2022-09-21T17:39:39.216Z	81.732696	-2.05	36.04166667	0
2022-09-21T17:40:40.470Z	81.738072	-1.966666667	36.07	0
2022-09-21T17:41:41.724Z	82.164816	-1.8	36.09833333	0
2022-09-21T17:42:42.978Z	81.82279543	-1.657142857	36.12714286	0
2022-09-21T17:43:44.232Z	82.655712	-1.3	36.15333333	0
2022-09-21T17:44:45.486Z	82.425264	-2.35	36.195	0
2022-09-21T17:45:46.740Z	71.545224	-2.266666667	36.23166667	0
2022-09-21T17:46:47.994Z	82.638168	-2.533333333	36.26833333	0
2022-09-21T17:47:49.248Z	82.43208	-2.3	36.29666667	0
2022-09-21T17:48:50.502Z	82.583592	-1.7	36.33666667	0
2022-09-21T17:49:51.756Z	82.14549943	-1.857142857	36.37714286	0
2022-09-21T17:50:53.010Z	82.746576	-2.783333333	36.43333333	0
2022-09-21T17:51:54.264Z	82.677864	-2.1	36.465	0
2022-09-21T17:52:55.518Z	82.461576	-1.95	36.48333333	0
2022-09-21T17:53:56.772Z	82.569864	-2.35	36.48833333	0
2022-09-21T17:54:58.026Z	82.622592	-2.4	36.48333333	0
2022-09-21T17:55:59.280Z	82.374864	-1.616666667	36.48	0
2022-09-21T17:57:00.534Z	82.479744	-1.95	36.47333333	0
2022-09-21T17:58:01.788Z	82.87745143	-2.1	36.46285714	0
2022-09-21T17:59:03.042Z	82.85964	-1.516666667	36.48166667	0
2022-09-21T18:00:04.296Z	82.547136	-1.883333333	36.50333333	0
2022-09-21T18:01:05.550Z	82.814808	-1.85	36.53	0
2022-09-21T18:02:06.804Z	82.468488	-2.15	36.55	0
2022-09-21T18:03:08.058Z	61.467768	-1.85	36.58166667	0
2022-09-21T18:04:09.312Z	82.817232	-2.1	36.64	0
2022-09-21T18:05:10.566Z	82.989	-1.95	36.67166667	0
2022-09-21T18:06:11.820Z	82.87601143	-1.742857143	36.69	0
2022-09-21T18:07:13.074Z	82.988616	-2.75	36.69833333	0
2022-09-21T18:08:14.328Z	82.904736	-1.533333333	36.68666667	0
2022-09-21T18:09:15.582Z	82.4724	-2.166666667	36.67833333	0
2022-09-21T18:10:16.836Z	82.553232	-2	36.68	0
2022-09-21T18:11:18.090Z	82.877784	-1.75	36.7	0
2022-09-21T18:12:19.344Z	82.62024	-1.95	36.70666667	0
2022-09-21T18:13:20.598Z	83.059128	-2.5	36.70833333	0
2022-09-21T18:14:21.852Z	83.27147657	-2.014285714	36.73714286	0
2022-09-21T18:15:23.106Z	82.869336	-2.45	36.765	0
2022-09-21T18:16:24.360Z	83.134944	-1.7	36.77333333	0
2022-09-21T18:17:25.614Z	83.269224	-0.75	36.80333333	0
2022-09-21T18:18:26.868Z	83.44512	-2	36.85333333	0
2022-09-21T18:19:28.122Z	82.938528	-2.3	36.88666667	0
2022-09-21T18:20:29.376Z	83.400816	-2.133333333	36.92333333	0
2022-09-21T18:21:30.630Z	83.639448	-2.45	36.94333333	0
2022-09-21T18:22:31.884Z	83.26135543	-2.585714286	36.98	0
2022-09-21T18:23:33.138Z	83.353608	-2.166666667	37.025	0
2022-09-21T18:24:34.392Z	83.352648	-1.983333333	37.075	0
2022-09-21T18:25:35.646Z	83.779464	-2.7	37.105	0
2022-09-21T18:26:36.900Z	83.049936	-2.4	37.15833333	0
2022-09-21T18:27:38.154Z	84.079704	-2.85	37.20333333	0
2022-09-21T18:28:39.408Z	83.34588	-2.35	37.23	0

2022-09-21T18:29:40.662Z	83.173056	-2.35	37.26833333	0
2022-09-21T18:30:41.916Z	83.56992686	-2.571428571	37.29285714	0
2022-09-21T18:31:43.170Z	83.667552	-2.35	37.32166667	0
2022-09-21T18:32:44.424Z	51.466896	-2.65	37.36333333	0
2022-09-21T18:33:45.678Z	83.534088	-2.6	37.38833333	0
2022-09-21T18:34:46.932Z	83.368992	-2.15	37.41	0
2022-09-21T18:35:48.186Z	83.746248	-2.1	37.44	0
2022-09-21T18:36:49.440Z	84.19548	-2.5	37.47333333	0
2022-09-21T18:37:50.694Z	83.5758	-2.45	37.51333333	0
2022-09-21T18:38:51.948Z	83.66679771	-2.871428571	37.53142857	0
2022-09-21T18:39:53.202Z	83.723112	-2.333333333	37.55833333	0
2022-09-21T18:40:54.456Z	83.535456	-2.9	37.59166667	0
2022-09-21T18:41:55.710Z	83.501856	-2.5	37.61166667	0
2022-09-21T18:42:56.964Z	83.81748	-2.5	37.61	0
2022-09-21T18:43:58.218Z	83.787024	-2.4	37.605	0
2022-09-21T18:44:59.472Z	83.7456	-2.45	37.59	0
2022-09-21T18:46:00.726Z	83.353152	-2	37.57	0
2022-09-21T18:47:01.980Z	74.25288	-3.028571429	37.53285714	0
2022-09-21T18:48:03.234Z	83.797416	-2.5	37.49166667	0
2022-09-21T18:49:04.488Z	83.629512	-2.35	37.44166667	0
2022-09-21T18:50:05.742Z	83.238	-2.45	37.40833333	0
2022-09-21T18:51:06.996Z	82.823544	-2.2	37.38	0
2022-09-21T18:52:08.250Z	83.651328	-2.166666667	37.38	0
2022-09-21T18:53:09.504Z	83.235672	-1.866666667	37.395	0
2022-09-21T18:54:10.758Z	83.462616	-2	37.41166667	0
2022-09-21T18:55:12.012Z	83.422656	-2.228571429	37.43	0
2022-09-21T18:56:13.266Z	83.370792	-2.733333333	37.45666667	0
2022-09-21T18:57:14.520Z	61.9962	-2.583333333	37.50333333	0
2022-09-21T18:58:15.774Z	83.456808	-2.35	37.57333333	0
2022-09-21T18:59:17.028Z	83.645472	-2.45	37.64	0
2022-09-21T19:00:18.282Z	83.795328	-2.616666667	37.675	0
2022-09-21T19:01:19.536Z	83.847864	-2.65	37.72	0
2022-09-21T19:02:20.790Z	83.592408	-2.633333333	37.725	0
2022-09-21T19:03:22.044Z	83.18322514	-2.871428571	37.72714286	0
2022-09-21T19:04:23.298Z	83.552472	-2.35	37.75166667	0
2022-09-21T19:05:24.552Z	83.475144	-2.5	37.75833333	0
2022-09-21T19:06:25.806Z	83.638008	-2	37.73666667	0
2022-09-21T19:07:27.060Z	83.554392	-2.5	37.75833333	0
2022-09-21T19:08:28.314Z	83.79168	-2.4	37.77833333	0
2022-09-21T19:09:29.568Z	72.664488	-1.916666667	37.795	0
2022-09-21T19:10:30.822Z	83.722608	-2.616666667	37.80166667	0
2022-09-21T19:11:32.076Z	83.49214629	-2.857142857	37.82571429	0
2022-09-21T19:12:33.330Z	83.261016	-2.516666667	37.84166667	0
2022-09-21T19:13:34.584Z	83.227104	-3	37.855	0
2022-09-21T19:14:35.838Z	83.408784	-2.25	37.91333333	0
2022-09-21T19:15:37.092Z	83.44632	-2.4	37.945	0
2022-09-21T19:16:38.346Z	83.767704	-2.4	37.96833333	0
2022-09-21T19:17:39.600Z	83.0486304	-3.34	37.968	0
2022-09-21T19:18:40.854Z	83.511936	-2.5	37.965	0
2022-09-21T19:19:42.108Z	83.86794514	-2.285714286	37.93428571	0
2022-09-21T19:20:43.362Z	83.677992	-2	37.90333333	0
2022-09-21T19:21:44.616Z	83.299488	-2.85	37.88666667	0
2022-09-21T19:22:45.870Z	83.516664	-2.8	37.88666667	0
2022-09-21T19:23:47.124Z	83.595864	-2.5	37.89	0
2022-09-21T19:24:48.378Z	83.576016	-3.4	37.885	0

2022-09-21T19:25:49.632Z	83.417784	-2.35	37.87333333	0
2022-09-21T19:26:50.886Z	83.487576	-2.45	37.85833333	0
2022-09-21T19:27:52.140Z	83.25752914	-3.357142857	37.91142857	0
2022-09-21T19:28:53.394Z	83.529072	-2.85	37.95833333	0
2022-09-21T19:29:54.648Z	83.1228	-2.7	38	0
2022-09-21T19:30:55.902Z	83.914944	-2.183333333	37.99833333	0
2022-09-21T19:31:57.156Z	83.0244	-2.133333333	37.99666667	0
2022-09-21T19:32:58.410Z	83.203488	-2.9	37.99833333	0
2022-09-21T19:33:59.664Z	83.31216	-1.966666667	38	0
2022-09-21T19:35:00.918Z	83.221272	-2.916666667	38.02166667	0
2022-09-21T19:36:02.172Z	83.05424229	-2.542857143	38.05285714	0
2022-09-21T19:37:03.426Z	83.465664	-3.05	38.08333333	0
2022-09-21T19:38:04.680Z	82.97916	-3	38.10166667	0
2022-09-21T19:39:05.934Z	83.099472	-2.35	38.11	0
2022-09-21T19:40:07.188Z	83.456328	-2.55	38.13666667	0
2022-09-21T19:41:08.442Z	82.933032	-2.95	38.16	0
2022-09-21T19:42:09.696Z	72.868248	-2.35	38.17166667	0
2022-09-21T19:43:10.950Z	83.261688	-2.866666667	38.19666667	0
2022-09-21T19:44:12.204Z	83.19188571	-2.285714286	38.22857143	0
2022-09-21T19:45:13.458Z	83.668776	-2.733333333	38.27166667	0
2022-09-21T19:46:14.712Z	82.935168	-2.15	38.30166667	0
2022-09-21T19:47:15.966Z	83.157312	-2.85	38.37666667	0
2022-09-21T19:48:17.220Z	82.848168	-2.95	38.425	0
2022-09-21T19:49:18.474Z	83.097072	-3.05	38.46666667	0
2022-09-21T19:50:19.728Z	82.918824	-2.6	38.47833333	0
2022-09-21T19:51:20.982Z	82.729392	-2.8	38.50333333	0
2022-09-21T19:52:22.236Z	83.36238171	-2.457142857	38.52	0
2022-09-21T19:53:23.490Z	83.041656	-3.6	38.52	0
2022-09-21T19:54:24.744Z	83.0346	-2.85	38.49166667	0
2022-09-21T19:55:25.998Z	82.828536	-3.35	38.47666667	0
2022-09-21T19:56:27.252Z	83.053992	-2.45	38.48166667	0
2022-09-21T19:57:28.506Z	82.765692	-3.325	38.5025	0



Test Report

Start Date: Tuesday, September 20th, 2022, 1:28 PM MDT
End Date: Wednesday, September 21st, 2022, 1:58 PM MDT
Device: VB100-0049
Well Licensee: NMOCD
Well Name: CHOCHISE-KING GAS COM 001
UWI: 30-025-30812
Well License Number: 30-025-30812
Surface Location: PRIVATE
Bottom Hole Location: UNK

Test Operator: DJF
Authorized By: NMOCD
Test Reason: PRE PLUG
Scope Of Work: 12-Hour
AFE Number: NMOCD038AA/APWS22.001
GPS: 32.32065,-103.22261
Notes: GTG

Flow Test

Average Flowrate

83.87

m3/d

1,476.14

g/ hour

Average Flow
Temperature**27.6**

°C

Average Flow
Pressure**-1.0**

kPag

Flow Duration

24.5

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

--

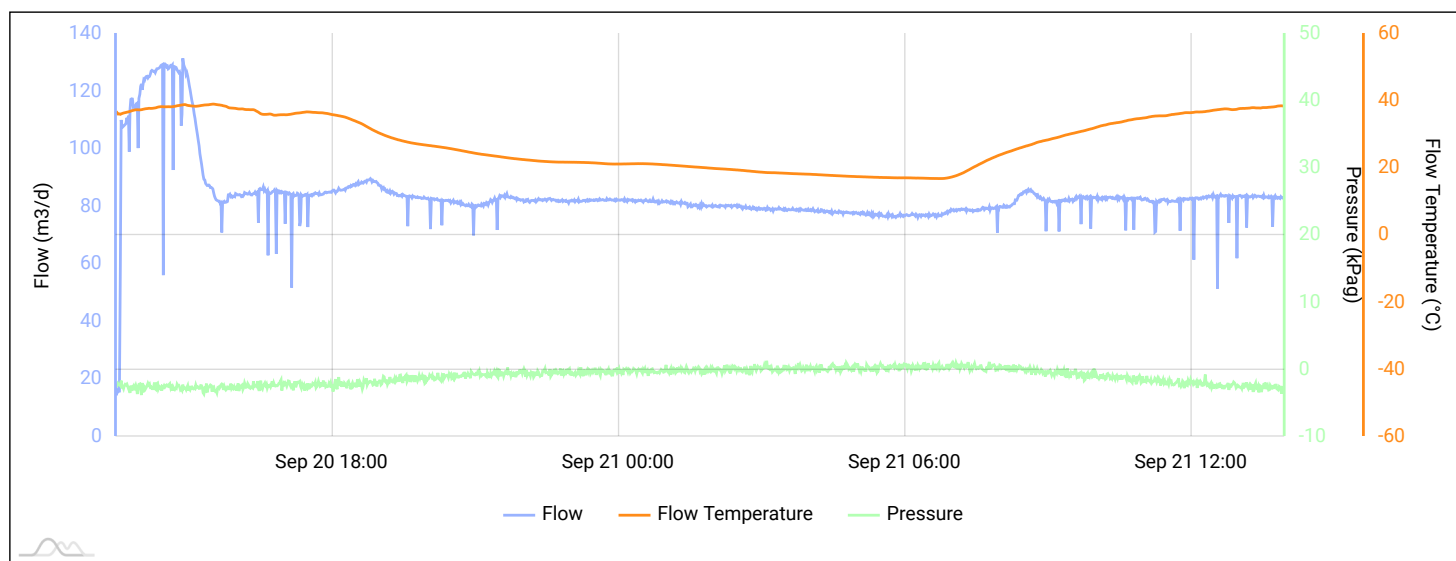
*Only valid for an unstable shut-in pressure

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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C6+ Gas Analysis Report

14946G	Cochise King #1	Cochise King #1	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022058141	Tedlar Bag	Client - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Sep 20, 2022 13:10	Sep 20, 2022 13:10	Sep 21, 2022 08:26	Sep 21, 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)	11.0020	11.00187	
CO2 (CO2)	0.0330	0.03305	
Methane (C1)	76.2470	76.2478	
Ethane (C2)	7.5180	7.51757	2.0100
Propane (C3)	2.9330	2.93292	0.8080
I-Butane (IC4)	0.3270	0.32654	0.1070
N-Butane (NC4)	0.7180	0.71824	0.2260
I-Pentane (IC5)	0.1710	0.17101	0.0630
N-Pentane (NC5)	0.1690	0.16854	0.0610
Hexanes Plus (C6+)	0.8820	0.88247	0.3830
TOTAL	100.0000	100.0000	3.6580

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

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,073.7	1,056.2	1,076.2	1,058.6

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7115	0.7099
Molecular Weight	
20.5570	

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

Field H2S
.2 PPM

PROTREND STATUS: Passed By Validator on Sep 22, 2022
DATA SOURCE: Imported

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

VALIDATOR:
Luis Cano
VALIDATOR COMMENTS:
ok

Source	Date	Notes
Luis Cano	Sep 22, 2022 8:11 am	Methane = 762,470 PPM



Weather in Hobbs, September 20

September 20, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +73°	+73°	26.5	S 9.4	64%
Morning	 +66°	+66°	26.5	S 9.6	83%
Day	 +88°	+88°	26.5	S 11.9	40%
Evening	 +84°	+84°	26.5	SE 12.5	37%

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.

September 20, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +75°	+75°	26.3	S 11.9	31%
Morning		+68°	26.3	S 8.1	53%

 +68°

Day		+93°	+93°	26.4	NW 11.6	18%
Evening		+86°	+86°	26.3	W 5.4	25%

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.
Influence of the phases of the moon	1	Insomniacs may be affected by the full moon, resulting in tiredness during the day.

September 20, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +63°	+63°	26.5	SE 7.4	68%
Morning	 +54°	+54°	26.5	SE 7.4	76%
Day	 +81°	+81°	26.6	SE 8.5	38%
Evening	 +75°	+75°	26.5	SE 9.6	31%

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.



Weather in Hobbs, September 21

September 21, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +73°	+73°	26.5	S 9.6	57%
Morning	 +66°	+66°	26.5	S 8.5	83%
Day	 +90°	+90°	26.5	SE 9.6	31%
Evening	 +84°	+84°	26.5	SE 11.2	36%

Bio-meteorological forecast

Meteorological sensitivity index	1	Weather situation is generally favorable to meteosensitive people.
Influence of solar activity	2	High risk of harm from unprotected sun exposure for people with sensitive skin types.

September 21, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +72°	+72°	26.4	NE 10.1	44%
Morning	 +61°	+61°	26.6	NE 16.8	47%
Day		+73°	26.7	NE 16.8	24%

**+73°**

Evening

**+70°****+70°**

26.7

NE 11.4

31%

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.

Influence of the phases of the moon**1**

Insomniacs may be affected by the full moon, resulting in tiredness during the day.

September 21, 2020Atmospheric conditions
and temperature °F

RealFeel °F

Atmospheric
pressure inHgWind speed
mph

Humidity

Night

**+63°****+63°**

26.5

SE 7.8

55%

Morning

**+52°****+52°**

26.5

E 6.7

66%

Day

**+81°****+81°**

26.6

SE 7.8

27%

Evening

**+73°****+73°**

26.5

E 9.4

24%

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.

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

CONDITIONS

Action 158394

CONDITIONS

Operator: PRIMAL ENERGY CORPORATION 211 Highland Cross Houston, TX 77073	OGRID: 154303
	Action Number: 158394
	Action Type: [IM-SD] Well File Support Doc (ENV) (IM-BWF)

CONDITIONS

Created By	Condition	Condition Date
jgriswold	None	11/14/2022