



Pre-Plugging Test Report

Start Date: Monday, January 16th, 2023, 3:57 PM MST
End Date: Tuesday, January 17th, 2023, 12:08 PM MST
Device: VB100-0029
Well Licensee: 30-005-20598
Well Name: Cato San Andres Unit 196
UWI: 30-005-20598
Well License Number: 30-005-20598
Surface Location: State of NM
Bottom Hole Location: Unknown

Test Operator: Sean O. Jacobson
Authorized By: State of NM
Test Reason: IJJA Pre Plugging
Scope Of Work: 12 hour
AFE Number: 52100-00000073108
GPS: 33.56009,-103.90145
Notes: GTG

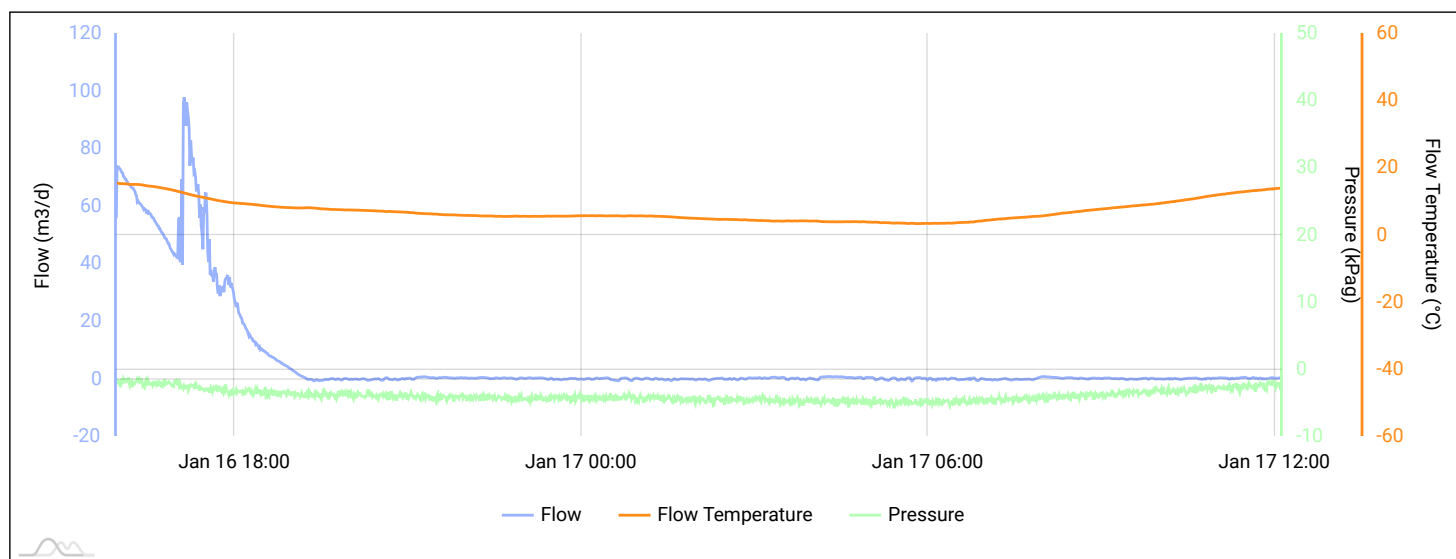
Orphan We Flow Test

Average Flowrate 6.37 m ³ /d	Average Flow Temperature 7.2 °C	Average Flow Pressure -3.9 kPag	Flow Duration 20.2 hours	Methane Concentration 499,130 ppm	Methane Emission 73.39 g/ hour
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Methane Calculations

- ¹ Methane Calculation: 554 grams CH₄ per cubic meter (554 x 6.37 m³/day = 3,528.98 g/day total /24 = 147.04 g/hour x 0.499130 (methane concentration) = **73.39 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].

Flow/Pressure/Temperature Timeseries



WDF #Measure1 Field Notes

1/16/2023: WDF #measure1 Team on location. Site Photographs. Gas Sample. Rig up VB100-029 for 12-hour test

1/17/2023: WDF #measure1 Team on location. Gas Sample 2. Rig down VB100-029. Secure location.

WILDCAT OUT!



CSA #196: South Facing



CSA #196: South Wellhead



CSA #196: Gas Sample



CSA #196: Methane Testing



CSA #196: North Facing



CSA #196: WDF Measure1 Team Member



Test Report

Start Date: Monday, January 16th, 2023, 3:57 PM MST
End Date: Tuesday, January 17th, 2023, 12:08 PM MST
Device: VB100-0029
Well Licensee: 30-005-20598
Well Name: Cato San Andres Unit 196
UWI: 30-005-20598
Well License Number: 30-005-20598
Surface Location: State of NM
Bottom Hole Location: Unknown

Test Operator: Sean O. Jacobson
Authorized By: State of NM
Test Reason: IJJA Pre Plugging
Scope Of Work: 12 hour
AFE Number: 52100-00000073108
GPS: 33.56009,-103.90145
Notes: GTG

Flow Test

Average Flowrate

6.37

m3/d

Average Flow
Temperature

7.2

°C

Average Flow
Pressure

-3.9

kPag

Flow Duration

20.2

hours

Pressure Test

Maximum Shut-In Pressure

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Last 24Hr Average Shut-In
Pressure

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*Displays after 24hrs of stabilized shut-in pressure

Extrapolated Shut-In Pressure

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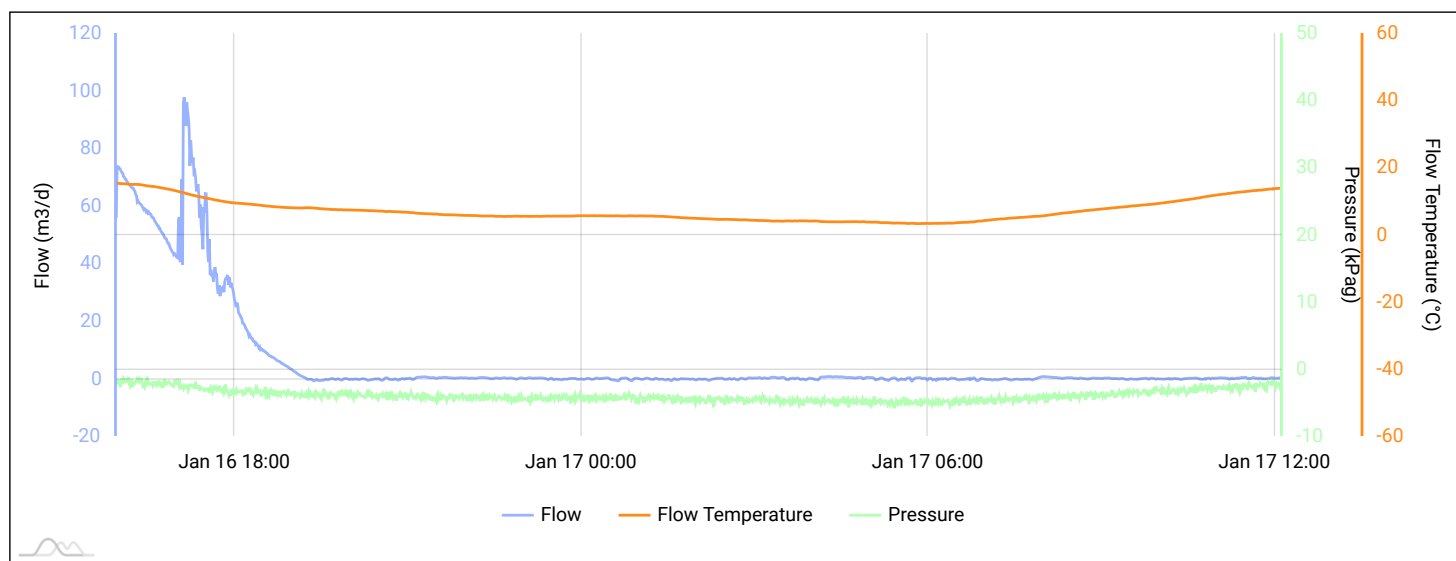
*Only valid for an unstable shut-in pressure

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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575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

15741G	Cato San Andreas #196	Cato San Andreas #196
Sample Point Code	Sample Point Name	Sample Point Location
Laboratory Services	2023062783	Tedlar Bag
Source Laboratory	Lab File No	Container Identity
USA	USA	USA
District	Area Name	Field Name
Jan 16, 2023 15:40	Jan 16, 2023 15:40	Jan 17, 2023 14:05
Date Sampled	Date Effective	Date Received
System Administrator		
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)	15.6290	15.629	
CO2 (CO2)	15.5630	15.563	
Methane (C1)	49.9130	49.913	
Ethane (C2)	7.9470	7.947	2.1250
Propane (C3)	5.1820	5.182	1.4270
I-Butane (IC4)	0.5960	0.596	0.1950
N-Butane (NC4)	1.2560	1.256	0.3960
I-Pentane (IC5)	0.4390	0.439	0.1610
N-Pentane (NC5)	0.4630	0.463	0.1680
Hexanes Plus (C6+)	3.0120	3.012	1.3070
TOTAL	100.0000	100.0000	5.7790

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:	Jan 3, 2023

Source	Date	Notes
Brooke Rush	Jan 18, 2023 11:48 am	Methane = 499,130 PPM

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F	14.73 PSI @ 60.00 Å°F		
Dry	Saturated	Dry	Saturated
1,029.7	1,013.1	1,032.1	1,015.4

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9859	0.9821
Molecular Weight	
28.4434	

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

Field H2S
0 PPM

PROTREND STATUS:

Passed By Validator on Jan 18, 2023

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Brooke Rush

VALIDATOR COMMENTS:

ok

Well Done Foundation, Inc. / Ventbuster Test Data

Test ID: 63c6f22a02b5fe93b0d9de6e
 Start Date: Mon Jan 16 2023 22:57:00 GMT+0000 (Coordinated Universal Time)
 End Date: Tue Jan 17 2023 19:08:24 GMT+0000 (Coordinated Universal Time)
 Device: VB100-0029
 Well Owner: Well Done Foundation Inc.
 Service Provider: Well Done Foundation Inc.
 Well Licensee: 30-005-20598
 Well Name: Cato San Andres Unit 196
 UWI: 30-005-20598
 Well License Number: 30-005-20598
 Surface Location: State of NM
 Bottom Hole Location: Unknown
 Test Operator: Sean O. Jacobson
 Authorized By: State of NM
 Test Reason: IJIA Pre Plugging
 Scope of Work: 12 hour
 AFE Number: 52100-00000073108
 GPS: 33.56009 -103.90145
 Notes: GTG

Field Notes:	Flow_m3_per_day	Flow_Temperature_C	Pressure_kPag	Shut_in_Status_Mode
time				
2023-01-16T22:57:00.000Z	5.59E+01	1.56E+01	-1.46E+00	0
2023-01-16T22:57:50.475Z	7.39E+01	1.56E+01	-1.54E+00	0
2023-01-16T22:58:40.950Z	7.37E+01	1.55E+01	-2.00E+00	0
2023-01-16T22:59:31.425Z	7.37E+01	1.54E+01	-2.04E+00	0
2023-01-16T23:00:21.900Z	7.32E+01	1.54E+01	-1.56E+00	0
2023-01-16T23:01:12.375Z	7.29E+01	1.54E+01	-2.64E+00	0
2023-01-16T23:02:02.850Z	7.23E+01	1.54E+01	-1.90E+00	0
2023-01-16T23:02:53.325Z	7.18E+01	1.54E+01	-1.36E+00	0
2023-01-16T23:03:43.800Z	7.16E+01	1.53E+01	-2.16E+00	0
2023-01-16T23:04:34.275Z	7.04E+01	1.53E+01	-1.36E+00	0
2023-01-16T23:05:24.750Z	7.02E+01	1.53E+01	-1.60E+00	0
2023-01-16T23:06:15.225Z	6.95E+01	1.53E+01	-1.56E+00	0
2023-01-16T23:07:05.700Z	6.94E+01	1.53E+01	-1.84E+00	0
2023-01-16T23:07:56.175Z	6.88E+01	1.53E+01	-1.78E+00	0
2023-01-16T23:08:46.650Z	6.85E+01	1.52E+01	-1.78E+00	0
2023-01-16T23:09:37.125Z	6.78E+01	1.52E+01	-1.16E+00	0
2023-01-16T23:10:27.600Z	6.76E+01	1.52E+01	-1.96E+00	0
2023-01-16T23:11:18.075Z	6.75E+01	1.52E+01	-2.38E+00	0
2023-01-16T23:12:08.550Z	6.70E+01	1.51E+01	-1.90E+00	0
2023-01-16T23:12:59.025Z	6.66E+01	1.51E+01	-1.74E+00	0
2023-01-16T23:13:49.500Z	6.64E+01	1.51E+01	-2.64E+00	0
2023-01-16T23:14:39.975Z	6.64E+01	1.51E+01	-1.76E+00	0
2023-01-16T23:15:30.450Z	6.57E+01	1.51E+01	-2.32E+00	0
2023-01-16T23:16:20.925Z	6.53E+01	1.51E+01	-1.86E+00	0
2023-01-16T23:17:11.400Z	6.41E+01	1.51E+01	-1.88E+00	0
2023-01-16T23:18:01.875Z	6.38E+01	1.51E+01	-1.80E+00	0
2023-01-16T23:18:52.350Z	6.15E+01	1.51E+01	-1.40E+00	0
2023-01-16T23:19:42.825Z	6.19E+01	1.51E+01	-1.64E+00	0
2023-01-16T23:20:33.300Z	6.14E+01	1.51E+01	-1.42E+00	0
2023-01-16T23:21:23.775Z	6.10E+01	1.51E+01	-1.88E+00	0
2023-01-16T23:22:14.250Z	6.08E+01	1.50E+01	-1.76E+00	0
2023-01-16T23:23:04.725Z	6.06E+01	1.50E+01	-1.28E+00	0
2023-01-16T23:23:55.200Z	6.00E+01	1.50E+01	-1.86E+00	0
2023-01-16T23:24:45.675Z	5.95E+01	1.49E+01	-2.50E+00	0
2023-01-16T23:25:36.150Z	5.89E+01	1.49E+01	-2.42E+00	0
2023-01-16T23:26:26.625Z	5.92E+01	1.48E+01	-2.65E+00	0
2023-01-16T23:27:17.100Z	5.90E+01	1.48E+01	-1.96E+00	0
2023-01-16T23:28:07.575Z	5.81E+01	1.47E+01	-1.58E+00	0
2023-01-16T23:28:58.050Z	5.83E+01	1.47E+01	-1.98E+00	0
2023-01-16T23:29:48.525Z	5.77E+01	1.47E+01	-1.58E+00	0

2023-01-16T23:30:39.000Z	5.81E+01	1.46E+01	-2.08E+00	0
2023-01-16T23:31:29.475Z	5.75E+01	1.46E+01	-2.02E+00	0
2023-01-16T23:32:19.950Z	5.75E+01	1.46E+01	-2.22E+00	0
2023-01-16T23:33:10.425Z	5.71E+01	1.46E+01	-2.24E+00	0
2023-01-16T23:34:00.900Z	5.62E+01	1.45E+01	-2.06E+00	0
2023-01-16T23:34:51.375Z	5.61E+01	1.45E+01	-2.40E+00	0
2023-01-16T23:35:41.850Z	5.60E+01	1.45E+01	-2.10E+00	0
2023-01-16T23:36:32.325Z	5.52E+01	1.44E+01	-2.28E+00	0
2023-01-16T23:37:22.800Z	5.47E+01	1.44E+01	-2.22E+00	0
2023-01-16T23:38:13.275Z	5.43E+01	1.44E+01	-1.68E+00	0
2023-01-16T23:39:03.750Z	5.38E+01	1.44E+01	-2.44E+00	0
2023-01-16T23:39:54.225Z	5.33E+01	1.43E+01	-2.40E+00	0
2023-01-16T23:40:44.700Z	5.32E+01	1.43E+01	-2.32E+00	0
2023-01-16T23:41:35.175Z	5.23E+01	1.42E+01	-1.78E+00	0
2023-01-16T23:42:25.650Z	5.23E+01	1.42E+01	-1.83E+00	0
2023-01-16T23:43:16.125Z	5.15E+01	1.41E+01	-2.26E+00	0
2023-01-16T23:44:06.600Z	5.10E+01	1.41E+01	-2.16E+00	0
2023-01-16T23:44:57.075Z	5.08E+01	1.40E+01	-2.76E+00	0
2023-01-16T23:45:47.550Z	5.03E+01	1.40E+01	-2.20E+00	0
2023-01-16T23:46:38.025Z	4.98E+01	1.40E+01	-2.54E+00	0
2023-01-16T23:47:28.500Z	4.90E+01	1.39E+01	-1.48E+00	0
2023-01-16T23:48:18.975Z	4.89E+01	1.39E+01	-2.02E+00	0
2023-01-16T23:49:09.450Z	4.87E+01	1.38E+01	-2.16E+00	0
2023-01-16T23:49:59.925Z	4.78E+01	1.38E+01	-2.08E+00	0
2023-01-16T23:50:50.400Z	4.72E+01	1.37E+01	-1.88E+00	0
2023-01-16T23:51:40.875Z	4.71E+01	1.37E+01	-1.80E+00	0
2023-01-16T23:52:31.350Z	4.61E+01	1.36E+01	-2.04E+00	0
2023-01-16T23:53:21.825Z	4.54E+01	1.36E+01	-2.08E+00	0
2023-01-16T23:54:12.300Z	4.49E+01	1.35E+01	-2.24E+00	0
2023-01-16T23:55:02.775Z	4.43E+01	1.35E+01	-2.44E+00	0
2023-01-16T23:55:53.250Z	4.40E+01	1.34E+01	-2.40E+00	0
2023-01-16T23:56:43.725Z	4.32E+01	1.34E+01	-2.50E+00	0
2023-01-16T23:57:34.200Z	4.36E+01	1.33E+01	-1.74E+00	0
2023-01-16T23:58:24.675Z	4.32E+01	1.33E+01	-1.76E+00	0
2023-01-16T23:59:15.150Z	4.26E+01	1.32E+01	-1.64E+00	0
2023-01-17T00:00:05.625Z	4.23E+01	1.31E+01	-2.12E+00	0
2023-01-17T00:00:56.100Z	4.21E+01	1.31E+01	-2.18E+00	0
2023-01-17T00:01:46.575Z	5.55E+01	1.30E+01	-1.88E+00	0
2023-01-17T00:02:37.050Z	5.63E+01	1.29E+01	-2.48E+00	0
2023-01-17T00:03:27.525Z	4.10E+01	1.29E+01	-2.16E+00	0
2023-01-17T00:04:18.000Z	4.10E+01	1.28E+01	-2.88E+00	0
2023-01-17T00:05:08.475Z	6.95E+01	1.28E+01	-2.54E+00	0
2023-01-17T00:05:58.950Z	3.98E+01	1.27E+01	-2.58E+00	0
2023-01-17T00:06:49.425Z	9.58E+01	1.26E+01	-2.84E+00	0
2023-01-17T00:07:39.900Z	9.79E+01	1.26E+01	-2.40E+00	0
2023-01-17T00:08:30.375Z	9.51E+01	1.25E+01	-2.68E+00	0
2023-01-17T00:09:20.850Z	8.80E+01	1.24E+01	-2.62E+00	0
2023-01-17T00:10:11.325Z	9.62E+01	1.24E+01	-2.66E+00	0
2023-01-17T00:11:01.800Z	9.33E+01	1.23E+01	-2.27E+00	0
2023-01-17T00:11:52.275Z	9.10E+01	1.22E+01	-3.10E+00	0
2023-01-17T00:12:42.750Z	8.69E+01	1.22E+01	-2.80E+00	0
2023-01-17T00:13:33.225Z	7.40E+01	1.21E+01	-2.30E+00	0
2023-01-17T00:14:23.700Z	8.29E+01	1.21E+01	-2.26E+00	0
2023-01-17T00:15:14.175Z	7.78E+01	1.20E+01	-2.44E+00	0
2023-01-17T00:16:04.650Z	7.54E+01	1.19E+01	-2.38E+00	0
2023-01-17T00:16:55.125Z	7.69E+01	1.19E+01	-2.48E+00	0
2023-01-17T00:17:45.600Z	7.17E+01	1.18E+01	-2.64E+00	0
2023-01-17T00:18:36.075Z	7.21E+01	1.18E+01	-2.32E+00	0
2023-01-17T00:19:26.550Z	7.01E+01	1.17E+01	-2.86E+00	0
2023-01-17T00:20:17.025Z	6.57E+01	1.17E+01	-2.32E+00	0
2023-01-17T00:21:07.500Z	6.58E+01	1.16E+01	-2.68E+00	0
2023-01-17T00:21:57.975Z	6.77E+01	1.16E+01	-2.64E+00	0

2023-01-17T00:22:48.450Z	6.43E+01	1.15E+01	-2.56E+00	0
2023-01-17T00:23:38.925Z	5.61E+01	1.15E+01	-3.16E+00	0
2023-01-17T00:24:29.400Z	6.07E+01	1.14E+01	-2.62E+00	0
2023-01-17T00:25:19.875Z	5.34E+01	1.14E+01	-2.72E+00	0
2023-01-17T00:26:10.350Z	5.00E+01	1.13E+01	-2.84E+00	0
2023-01-17T00:27:00.825Z	4.51E+01	1.13E+01	-2.92E+00	0
2023-01-17T00:27:51.300Z	5.98E+01	1.12E+01	-3.06E+00	0
2023-01-17T00:28:41.775Z	5.77E+01	1.12E+01	-3.16E+00	0
2023-01-17T00:29:32.250Z	6.45E+01	1.11E+01	-2.90E+00	0
2023-01-17T00:30:22.725Z	6.44E+01	1.11E+01	-2.98E+00	0
2023-01-17T00:31:13.200Z	5.75E+01	1.10E+01	-3.04E+00	0
2023-01-17T00:32:03.675Z	4.42E+01	1.10E+01	-2.86E+00	0
2023-01-17T00:32:54.150Z	4.07E+01	1.09E+01	-2.86E+00	0
2023-01-17T00:33:44.625Z	4.86E+01	1.09E+01	-3.46E+00	0
2023-01-17T00:34:35.100Z	3.62E+01	1.08E+01	-3.00E+00	0
2023-01-17T00:35:25.575Z	3.79E+01	1.08E+01	-2.63E+00	0
2023-01-17T00:36:16.050Z	3.58E+01	1.07E+01	-2.90E+00	0
2023-01-17T00:37:06.525Z	3.66E+01	1.07E+01	-3.40E+00	0
2023-01-17T00:37:57.000Z	3.39E+01	1.06E+01	-3.12E+00	0
2023-01-17T00:38:47.475Z	3.65E+01	1.06E+01	-2.62E+00	0
2023-01-17T00:39:37.950Z	3.89E+01	1.05E+01	-2.74E+00	0
2023-01-17T00:40:28.425Z	3.65E+01	1.05E+01	-2.58E+00	0
2023-01-17T00:41:18.900Z	3.65E+01	1.04E+01	-3.06E+00	0
2023-01-17T00:42:09.375Z	3.17E+01	1.04E+01	-3.16E+00	0
2023-01-17T00:42:59.850Z	2.97E+01	1.03E+01	-2.94E+00	0
2023-01-17T00:43:50.325Z	3.26E+01	1.03E+01	-2.40E+00	0
2023-01-17T00:44:40.800Z	2.88E+01	1.02E+01	-3.08E+00	0
2023-01-17T00:45:31.275Z	2.99E+01	1.02E+01	-3.20E+00	0
2023-01-17T00:46:21.750Z	3.13E+01	1.02E+01	-3.32E+00	0
2023-01-17T00:47:12.225Z	3.18E+01	1.01E+01	-2.94E+00	0
2023-01-17T00:48:02.700Z	3.12E+01	1.01E+01	-2.78E+00	0
2023-01-17T00:48:53.175Z	3.02E+01	1.00E+01	-3.58E+00	0
2023-01-17T00:49:43.650Z	3.38E+01	1.00E+01	-3.38E+00	0
2023-01-17T00:50:34.125Z	3.49E+01	9.97E+00	-2.24E+00	0
2023-01-17T00:51:24.600Z	3.50E+01	9.92E+00	-2.92E+00	0
2023-01-17T00:52:15.075Z	3.58E+01	9.89E+00	-3.14E+00	0
2023-01-17T00:53:05.550Z	3.57E+01	9.85E+00	-3.37E+00	0
2023-01-17T00:53:56.025Z	3.28E+01	9.80E+00	-3.76E+00	0
2023-01-17T00:54:46.500Z	3.54E+01	9.77E+00	-3.30E+00	0
2023-01-17T00:55:36.975Z	3.19E+01	9.72E+00	-3.88E+00	0
2023-01-17T00:56:27.450Z	3.34E+01	9.70E+00	-2.94E+00	0
2023-01-17T00:57:17.925Z	3.20E+01	9.67E+00	-3.34E+00	0
2023-01-17T00:58:08.400Z	3.13E+01	9.65E+00	-3.10E+00	0
2023-01-17T00:58:58.875Z	2.98E+01	9.63E+00	-3.62E+00	0
2023-01-17T00:59:49.350Z	2.76E+01	9.61E+00	-3.38E+00	0
2023-01-17T01:00:39.825Z	2.67E+01	9.59E+00	-3.44E+00	0
2023-01-17T01:01:30.300Z	2.50E+01	9.57E+00	-3.00E+00	0
2023-01-17T01:02:20.775Z	2.66E+01	9.55E+00	-3.44E+00	0
2023-01-17T01:03:11.250Z	2.56E+01	9.52E+00	-3.16E+00	0
2023-01-17T01:04:01.725Z	2.30E+01	9.52E+00	-3.22E+00	0
2023-01-17T01:04:52.200Z	2.27E+01	9.50E+00	-3.32E+00	0
2023-01-17T01:05:42.675Z	2.21E+01	9.48E+00	-3.26E+00	0
2023-01-17T01:06:33.150Z	2.14E+01	9.46E+00	-3.22E+00	0
2023-01-17T01:07:23.625Z	2.11E+01	9.45E+00	-3.16E+00	0
2023-01-17T01:08:14.100Z	1.94E+01	9.42E+00	-3.56E+00	0
2023-01-17T01:09:04.575Z	1.94E+01	9.42E+00	-3.28E+00	0
2023-01-17T01:09:55.050Z	1.90E+01	9.39E+00	-3.32E+00	0
2023-01-17T01:10:45.525Z	1.84E+01	9.37E+00	-3.82E+00	0
2023-01-17T01:11:36.000Z	1.76E+01	9.34E+00	-3.03E+00	0
2023-01-17T01:12:26.475Z	1.72E+01	9.32E+00	-3.26E+00	0
2023-01-17T01:13:16.950Z	1.67E+01	9.30E+00	-3.22E+00	0
2023-01-17T01:14:07.425Z	1.59E+01	9.28E+00	-2.88E+00	0

2023-01-17T01:14:57.900Z	1.49E+01	9.26E+00	-2.82E+00	0
2023-01-17T01:15:48.375Z	1.53E+01	9.24E+00	-3.10E+00	0
2023-01-17T01:16:38.850Z	1.47E+01	9.22E+00	-3.42E+00	0
2023-01-17T01:17:29.325Z	1.42E+01	9.20E+00	-3.14E+00	0
2023-01-17T01:18:19.800Z	1.41E+01	9.17E+00	-3.48E+00	0
2023-01-17T01:19:10.275Z	1.32E+01	9.15E+00	-3.84E+00	0
2023-01-17T01:20:00.750Z	1.31E+01	9.12E+00	-3.58E+00	0
2023-01-17T01:20:51.225Z	1.30E+01	9.10E+00	-3.24E+00	0
2023-01-17T01:21:41.700Z	1.21E+01	9.07E+00	-2.82E+00	0
2023-01-17T01:22:32.175Z	1.24E+01	9.05E+00	-3.20E+00	0
2023-01-17T01:23:22.650Z	1.21E+01	9.02E+00	-2.86E+00	0
2023-01-17T01:24:13.125Z	1.15E+01	9.00E+00	-3.42E+00	0
2023-01-17T01:25:03.600Z	1.09E+01	8.96E+00	-3.46E+00	0
2023-01-17T01:25:54.075Z	1.13E+01	8.95E+00	-2.98E+00	0
2023-01-17T01:26:44.550Z	1.03E+01	8.91E+00	-3.48E+00	0
2023-01-17T01:27:35.025Z	1.05E+01	8.88E+00	-3.80E+00	0
2023-01-17T01:28:25.500Z	1.04E+01	8.85E+00	-3.66E+00	0
2023-01-17T01:29:15.975Z	9.92E+00	8.83E+00	-3.07E+00	0
2023-01-17T01:30:06.450Z	9.88E+00	8.80E+00	-3.84E+00	0
2023-01-17T01:30:56.925Z	9.64E+00	8.77E+00	-3.46E+00	0
2023-01-17T01:31:47.400Z	9.58E+00	8.74E+00	-2.60E+00	0
2023-01-17T01:32:37.875Z	9.22E+00	8.70E+00	-4.22E+00	0
2023-01-17T01:33:28.350Z	8.99E+00	8.69E+00	-4.20E+00	0
2023-01-17T01:34:18.825Z	8.87E+00	8.66E+00	-3.06E+00	0
2023-01-17T01:35:09.300Z	8.41E+00	8.65E+00	-3.60E+00	0
2023-01-17T01:35:59.775Z	8.12E+00	8.62E+00	-3.90E+00	0
2023-01-17T01:36:50.250Z	7.97E+00	8.59E+00	-2.94E+00	0
2023-01-17T01:37:40.725Z	7.98E+00	8.57E+00	-3.72E+00	0
2023-01-17T01:38:31.200Z	7.71E+00	8.56E+00	-3.22E+00	0
2023-01-17T01:39:21.675Z	7.58E+00	8.53E+00	-3.56E+00	0
2023-01-17T01:40:12.150Z	7.48E+00	8.50E+00	-3.90E+00	0
2023-01-17T01:41:02.625Z	7.32E+00	8.48E+00	-3.02E+00	0
2023-01-17T01:41:53.100Z	7.00E+00	8.47E+00	-3.38E+00	0
2023-01-17T01:42:43.575Z	6.90E+00	8.45E+00	-3.56E+00	0
2023-01-17T01:43:34.050Z	6.60E+00	8.43E+00	-3.76E+00	0
2023-01-17T01:44:24.525Z	6.38E+00	8.41E+00	-3.46E+00	0
2023-01-17T01:45:15.000Z	6.27E+00	8.39E+00	-3.70E+00	0
2023-01-17T01:46:05.475Z	6.19E+00	8.38E+00	-3.20E+00	0
2023-01-17T01:46:55.950Z	6.07E+00	8.36E+00	-3.77E+00	0
2023-01-17T01:47:46.425Z	5.76E+00	8.34E+00	-3.90E+00	0
2023-01-17T01:48:36.900Z	5.53E+00	8.33E+00	-3.40E+00	0
2023-01-17T01:49:27.375Z	5.52E+00	8.31E+00	-3.48E+00	0
2023-01-17T01:50:17.850Z	5.20E+00	8.30E+00	-3.36E+00	0
2023-01-17T01:51:08.325Z	5.06E+00	8.28E+00	-3.24E+00	0
2023-01-17T01:51:58.800Z	4.94E+00	8.27E+00	-3.42E+00	0
2023-01-17T01:52:49.275Z	4.67E+00	8.25E+00	-3.58E+00	0
2023-01-17T01:53:39.750Z	4.58E+00	8.24E+00	-3.82E+00	0
2023-01-17T01:54:30.225Z	4.45E+00	8.23E+00	-3.26E+00	0
2023-01-17T01:55:20.700Z	4.21E+00	8.21E+00	-3.08E+00	0
2023-01-17T01:56:11.175Z	3.94E+00	8.20E+00	-3.24E+00	0
2023-01-17T01:57:01.650Z	3.85E+00	8.20E+00	-3.68E+00	0
2023-01-17T01:57:52.125Z	3.58E+00	8.18E+00	-3.76E+00	0
2023-01-17T01:58:42.600Z	3.46E+00	8.17E+00	-3.54E+00	0
2023-01-17T01:59:33.075Z	3.29E+00	8.17E+00	-3.68E+00	0
2023-01-17T02:00:23.550Z	3.00E+00	8.16E+00	-3.64E+00	0
2023-01-17T02:01:14.025Z	2.80E+00	8.15E+00	-3.26E+00	0
2023-01-17T02:02:04.500Z	2.66E+00	8.14E+00	-3.90E+00	0
2023-01-17T02:02:54.975Z	2.46E+00	8.13E+00	-3.56E+00	0
2023-01-17T02:03:45.450Z	2.24E+00	8.13E+00	-3.86E+00	0
2023-01-17T02:04:35.925Z	2.02E+00	8.12E+00	-3.65E+00	0
2023-01-17T02:05:26.400Z	1.83E+00	8.11E+00	-3.58E+00	0
2023-01-17T02:06:16.875Z	1.60E+00	8.12E+00	-3.74E+00	0

2023-01-17T02:07:07.350Z	1.44E+00	8.10E+00	-3.74E+00	0
2023-01-17T02:07:57.825Z	1.31E+00	8.10E+00	-4.06E+00	0
2023-01-17T02:08:48.300Z	1.15E+00	8.10E+00	-3.76E+00	0
2023-01-17T02:09:38.775Z	1.01E+00	8.10E+00	-3.44E+00	0
2023-01-17T02:10:29.250Z	9.13E-01	8.10E+00	-3.82E+00	0
2023-01-17T02:11:19.725Z	7.87E-01	8.11E+00	-4.04E+00	0
2023-01-17T02:12:10.200Z	6.13E-01	8.14E+00	-4.06E+00	0
2023-01-17T02:13:00.675Z	4.98E-01	8.13E+00	-3.74E+00	0
2023-01-17T02:13:51.150Z	3.78E-01	8.17E+00	-3.92E+00	0
2023-01-17T02:14:41.625Z	1.30E-01	8.20E+00	-3.54E+00	0
2023-01-17T02:15:32.100Z	-1.11E-01	8.19E+00	-3.94E+00	0
2023-01-17T02:16:22.575Z	-5.86E-02	8.17E+00	-4.12E+00	0
2023-01-17T02:17:13.050Z	-6.56E-02	8.18E+00	-3.10E+00	0
2023-01-17T02:18:03.525Z	-8.88E-02	8.16E+00	-3.28E+00	0
2023-01-17T02:18:54.000Z	-6.55E-02	8.14E+00	-3.82E+00	0
2023-01-17T02:19:44.475Z	-5.62E-02	8.14E+00	-3.70E+00	0
2023-01-17T02:20:34.950Z	-2.30E-01	8.12E+00	-3.94E+00	0
2023-01-17T02:21:25.425Z	-4.71E-01	8.10E+00	-3.80E+00	0
2023-01-17T02:22:15.900Z	-6.16E-01	8.07E+00	-3.95E+00	0
2023-01-17T02:23:06.375Z	-5.44E-01	8.04E+00	-4.16E+00	0
2023-01-17T02:23:56.850Z	-3.63E-01	8.04E+00	-3.02E+00	0
2023-01-17T02:24:47.325Z	-2.09E-01	8.02E+00	-4.04E+00	0
2023-01-17T02:25:37.800Z	-2.40E-01	7.99E+00	-3.70E+00	0
2023-01-17T02:26:28.275Z	-3.84E-01	7.96E+00	-3.32E+00	0
2023-01-17T02:27:18.750Z	-5.12E-01	7.94E+00	-3.96E+00	0
2023-01-17T02:28:09.225Z	-5.39E-01	7.91E+00	-3.92E+00	0
2023-01-17T02:28:59.700Z	-4.87E-01	7.88E+00	-4.14E+00	0
2023-01-17T02:29:50.175Z	-4.86E-01	7.87E+00	-4.40E+00	0
2023-01-17T02:30:40.650Z	-4.58E-01	7.85E+00	-3.54E+00	0
2023-01-17T02:31:31.125Z	-3.99E-01	7.84E+00	-4.14E+00	0
2023-01-17T02:32:21.600Z	-3.21E-01	7.83E+00	-2.84E+00	0
2023-01-17T02:33:12.075Z	-2.94E-01	7.80E+00	-3.18E+00	0
2023-01-17T02:34:02.550Z	-1.57E-01	7.79E+00	-3.50E+00	0
2023-01-17T02:34:53.025Z	-9.26E-02	7.77E+00	-3.48E+00	0
2023-01-17T02:35:43.500Z	-1.62E-01	7.76E+00	-4.12E+00	0
2023-01-17T02:36:33.975Z	-2.28E-01	7.75E+00	-3.74E+00	0
2023-01-17T02:37:24.450Z	-2.05E-01	7.73E+00	-4.44E+00	0
2023-01-17T02:38:14.925Z	-7.76E-02	7.71E+00	-3.44E+00	0
2023-01-17T02:39:05.400Z	6.95E-02	7.70E+00	-3.80E+00	0
2023-01-17T02:39:55.875Z	1.42E-01	7.66E+00	-3.43E+00	0
2023-01-17T02:40:46.350Z	1.58E-01	7.66E+00	-3.56E+00	0
2023-01-17T02:41:36.825Z	1.55E-01	7.65E+00	-3.74E+00	0
2023-01-17T02:42:27.300Z	1.66E-01	7.63E+00	-3.80E+00	0
2023-01-17T02:43:17.775Z	7.39E-02	7.64E+00	-3.72E+00	0
2023-01-17T02:44:08.250Z	-1.13E-01	7.65E+00	-4.14E+00	0
2023-01-17T02:44:58.725Z	-1.76E-01	7.64E+00	-3.98E+00	0
2023-01-17T02:45:49.200Z	-8.69E-02	7.62E+00	-4.40E+00	0
2023-01-17T02:46:39.675Z	6.87E-02	7.61E+00	-4.06E+00	0
2023-01-17T02:47:30.150Z	1.37E-01	7.59E+00	-3.34E+00	0
2023-01-17T02:48:20.625Z	1.67E-02	7.60E+00	-3.36E+00	0
2023-01-17T02:49:11.100Z	-1.34E-01	7.60E+00	-3.80E+00	0
2023-01-17T02:50:01.575Z	-2.76E-01	7.59E+00	-3.68E+00	0
2023-01-17T02:50:52.050Z	-3.53E-01	7.58E+00	-3.18E+00	0
2023-01-17T02:51:42.525Z	-2.97E-01	7.57E+00	-3.18E+00	0
2023-01-17T02:52:33.000Z	-7.12E-02	7.56E+00	-3.82E+00	0
2023-01-17T02:53:23.475Z	1.30E-01	7.52E+00	-3.78E+00	0
2023-01-17T02:54:13.950Z	2.10E-01	7.52E+00	-3.48E+00	0
2023-01-17T02:55:04.425Z	1.96E-01	7.52E+00	-3.26E+00	0
2023-01-17T02:55:54.900Z	1.75E-01	7.51E+00	-3.78E+00	0
2023-01-17T02:56:45.375Z	1.51E-01	7.52E+00	-3.76E+00	0
2023-01-17T02:57:35.850Z	3.68E-02	7.53E+00	-3.93E+00	0
2023-01-17T02:58:26.325Z	-1.26E-01	7.52E+00	-3.06E+00	0

2023-01-17T02:59:16.800Z	-1.75E-01	7.52E+00	-3.68E+00	0
2023-01-17T03:00:07.275Z	-9.09E-02	7.50E+00	-3.90E+00	0
2023-01-17T03:00:57.750Z	1.43E-02	7.50E+00	-3.42E+00	0
2023-01-17T03:01:48.225Z	-6.36E-02	7.50E+00	-3.80E+00	0
2023-01-17T03:02:38.700Z	-1.53E-01	7.50E+00	-4.08E+00	0
2023-01-17T03:03:29.175Z	-9.05E-02	7.49E+00	-4.38E+00	0
2023-01-17T03:04:19.650Z	4.27E-02	7.47E+00	-3.68E+00	0
2023-01-17T03:05:10.125Z	3.28E-02	7.48E+00	-3.96E+00	0
2023-01-17T03:06:00.600Z	1.84E-03	7.46E+00	-4.30E+00	0
2023-01-17T03:06:51.075Z	2.95E-02	7.46E+00	-3.52E+00	0
2023-01-17T03:07:41.550Z	-7.22E-02	7.46E+00	-3.34E+00	0
2023-01-17T03:08:32.025Z	-2.01E-01	7.45E+00	-3.80E+00	0
2023-01-17T03:09:22.500Z	-1.56E-01	7.44E+00	-3.76E+00	0
2023-01-17T03:10:12.975Z	-6.70E-02	7.44E+00	-3.62E+00	0
2023-01-17T03:11:03.450Z	1.07E-02	7.41E+00	-3.80E+00	0
2023-01-17T03:11:53.925Z	8.47E-02	7.40E+00	-3.96E+00	0
2023-01-17T03:12:44.400Z	1.45E-01	7.39E+00	-3.96E+00	0
2023-01-17T03:13:34.875Z	1.39E-01	7.38E+00	-4.04E+00	0
2023-01-17T03:14:25.350Z	9.18E-02	7.38E+00	-4.02E+00	0
2023-01-17T03:15:15.825Z	3.38E-02	7.38E+00	-4.20E+00	0
2023-01-17T03:16:06.300Z	-7.85E-02	7.37E+00	-4.10E+00	0
2023-01-17T03:16:56.775Z	-2.37E-01	7.35E+00	-3.94E+00	0
2023-01-17T03:17:47.250Z	-3.84E-01	7.34E+00	-3.28E+00	0
2023-01-17T03:18:37.725Z	-4.33E-01	7.32E+00	-3.42E+00	0
2023-01-17T03:19:28.200Z	-4.02E-01	7.32E+00	-3.00E+00	0
2023-01-17T03:20:18.675Z	-3.40E-01	7.32E+00	-3.88E+00	0
2023-01-17T03:21:09.150Z	-2.56E-01	7.30E+00	-3.82E+00	0
2023-01-17T03:21:59.625Z	-2.03E-01	7.29E+00	-3.30E+00	0
2023-01-17T03:22:50.100Z	-2.01E-01	7.29E+00	-4.06E+00	0
2023-01-17T03:23:40.575Z	-1.12E-01	7.28E+00	-3.84E+00	0
2023-01-17T03:24:31.050Z	2.48E-02	7.27E+00	-4.00E+00	0
2023-01-17T03:25:21.525Z	8.60E-02	7.24E+00	-3.98E+00	0
2023-01-17T03:26:12.000Z	7.17E-02	7.24E+00	-4.10E+00	0
2023-01-17T03:27:02.475Z	-1.61E-02	7.23E+00	-3.82E+00	0
2023-01-17T03:27:52.950Z	5.45E-02	7.21E+00	-4.14E+00	0
2023-01-17T03:28:43.425Z	1.83E-01	7.19E+00	-3.68E+00	0
2023-01-17T03:29:33.900Z	1.62E-01	7.17E+00	-4.26E+00	0
2023-01-17T03:30:24.375Z	-3.54E-02	7.19E+00	-3.90E+00	0
2023-01-17T03:31:14.850Z	-2.76E-01	7.19E+00	-3.66E+00	0
2023-01-17T03:32:05.325Z	-3.50E-01	7.17E+00	-3.66E+00	0
2023-01-17T03:32:55.800Z	-3.97E-01	7.15E+00	-3.78E+00	0
2023-01-17T03:33:46.275Z	-3.96E-01	7.15E+00	-4.00E+00	0
2023-01-17T03:34:36.750Z	-2.14E-01	7.13E+00	-3.57E+00	0
2023-01-17T03:35:27.225Z	1.31E-01	7.09E+00	-3.78E+00	0
2023-01-17T03:36:17.700Z	3.35E-01	7.06E+00	-3.98E+00	0
2023-01-17T03:37:08.175Z	4.63E-01	7.04E+00	-3.68E+00	0
2023-01-17T03:37:58.650Z	4.92E-01	7.03E+00	-4.20E+00	0
2023-01-17T03:38:49.125Z	4.16E-01	7.04E+00	-4.56E+00	0
2023-01-17T03:39:39.600Z	1.82E-01	7.08E+00	-3.36E+00	0
2023-01-17T03:40:30.075Z	-9.77E-02	7.07E+00	-4.30E+00	0
2023-01-17T03:41:20.550Z	-1.08E-01	7.07E+00	-4.32E+00	0
2023-01-17T03:42:11.025Z	-1.64E-01	7.04E+00	-3.28E+00	0
2023-01-17T03:43:01.500Z	-2.25E-01	7.04E+00	-4.16E+00	0
2023-01-17T03:43:51.975Z	-2.44E-01	7.02E+00	-3.82E+00	0
2023-01-17T03:44:42.450Z	-1.44E-01	7.01E+00	-4.32E+00	0
2023-01-17T03:45:32.925Z	3.68E-02	6.98E+00	-4.06E+00	0
2023-01-17T03:46:23.400Z	8.52E-02	6.98E+00	-3.88E+00	0
2023-01-17T03:47:13.875Z	-4.23E-02	6.98E+00	-3.88E+00	0
2023-01-17T03:48:04.350Z	-1.84E-01	6.97E+00	-4.64E+00	0
2023-01-17T03:48:54.825Z	-2.61E-01	6.97E+00	-3.97E+00	0
2023-01-17T03:49:45.300Z	-3.65E-01	6.94E+00	-4.03E+00	0
2023-01-17T03:50:35.775Z	-2.32E-01	6.93E+00	-3.95E+00	0

2023-01-17T03:51:26.250Z	-4.50E-02	6.93E+00	-3.62E+00	0
2023-01-17T03:52:16.725Z	-7.51E-02	6.91E+00	-4.20E+00	0
2023-01-17T03:53:07.200Z	9.47E-02	6.90E+00	-3.54E+00	0
2023-01-17T03:53:57.675Z	1.90E-01	6.87E+00	-3.64E+00	0
2023-01-17T03:54:48.150Z	1.93E-01	6.86E+00	-4.18E+00	0
2023-01-17T03:55:38.625Z	1.36E-01	6.87E+00	-3.98E+00	0
2023-01-17T03:56:29.100Z	-7.10E-02	6.88E+00	-4.00E+00	0
2023-01-17T03:57:19.575Z	5.84E-02	6.83E+00	-3.56E+00	0
2023-01-17T03:58:10.050Z	2.71E-01	6.82E+00	-3.62E+00	0
2023-01-17T03:59:00.525Z	1.45E-01	6.82E+00	-4.46E+00	0
2023-01-17T03:59:51.000Z	2.01E-01	6.80E+00	-3.74E+00	0
2023-01-17T04:00:41.475Z	2.84E-01	6.78E+00	-4.20E+00	0
2023-01-17T04:01:31.950Z	3.50E-01	6.74E+00	-3.92E+00	0
2023-01-17T04:02:22.425Z	3.24E-01	6.74E+00	-3.80E+00	0
2023-01-17T04:03:12.900Z	1.91E-01	6.72E+00	-3.38E+00	0
2023-01-17T04:04:03.375Z	-9.90E-02	6.72E+00	-3.80E+00	0
2023-01-17T04:04:53.850Z	-3.65E-02	6.70E+00	-3.90E+00	0
2023-01-17T04:05:44.325Z	-8.80E-02	6.69E+00	-4.18E+00	0
2023-01-17T04:06:34.800Z	1.17E-01	6.66E+00	-4.00E+00	0
2023-01-17T04:07:25.275Z	3.15E-01	6.61E+00	-4.02E+00	0
2023-01-17T04:08:15.750Z	4.56E-01	6.58E+00	-4.28E+00	0
2023-01-17T04:09:06.225Z	6.00E-01	6.54E+00	-4.00E+00	0
2023-01-17T04:09:56.700Z	6.51E-01	6.53E+00	-3.68E+00	0
2023-01-17T04:10:47.175Z	6.88E-01	6.51E+00	-3.82E+00	0
2023-01-17T04:11:37.650Z	6.86E-01	6.51E+00	-4.02E+00	0
2023-01-17T04:12:28.125Z	6.85E-01	6.49E+00	-4.38E+00	0
2023-01-17T04:13:18.600Z	7.17E-01	6.48E+00	-4.54E+00	0
2023-01-17T04:14:09.075Z	7.55E-01	6.46E+00	-3.82E+00	0
2023-01-17T04:14:59.550Z	7.82E-01	6.44E+00	-3.62E+00	0
2023-01-17T04:15:50.025Z	7.81E-01	6.44E+00	-4.18E+00	0
2023-01-17T04:16:40.500Z	7.97E-01	6.43E+00	-3.80E+00	0
2023-01-17T04:17:30.975Z	7.90E-01	6.41E+00	-3.46E+00	0
2023-01-17T04:18:21.450Z	7.67E-01	6.40E+00	-4.32E+00	0
2023-01-17T04:19:11.925Z	7.28E-01	6.39E+00	-4.02E+00	0
2023-01-17T04:20:02.400Z	6.68E-01	6.39E+00	-3.86E+00	0
2023-01-17T04:20:52.875Z	6.11E-01	6.38E+00	-3.80E+00	0
2023-01-17T04:21:43.350Z	5.88E-01	6.36E+00	-3.96E+00	0
2023-01-17T04:22:33.825Z	5.39E-01	6.36E+00	-4.58E+00	0
2023-01-17T04:23:24.300Z	4.92E-01	6.35E+00	-4.06E+00	0
2023-01-17T04:24:14.775Z	4.85E-01	6.35E+00	-4.07E+00	0
2023-01-17T04:25:05.250Z	5.13E-01	6.33E+00	-4.16E+00	0
2023-01-17T04:25:55.725Z	5.58E-01	6.30E+00	-4.74E+00	0
2023-01-17T04:26:46.200Z	5.29E-01	6.29E+00	-4.06E+00	0
2023-01-17T04:27:36.675Z	4.43E-01	6.28E+00	-4.44E+00	0
2023-01-17T04:28:27.150Z	3.49E-01	6.30E+00	-4.42E+00	0
2023-01-17T04:29:17.625Z	2.72E-01	6.29E+00	-4.72E+00	0
2023-01-17T04:30:08.100Z	2.97E-01	6.27E+00	-3.84E+00	0
2023-01-17T04:30:58.575Z	3.66E-01	6.22E+00	-3.58E+00	0
2023-01-17T04:31:49.050Z	4.63E-01	6.20E+00	-4.48E+00	0
2023-01-17T04:32:39.525Z	5.15E-01	6.17E+00	-4.20E+00	0
2023-01-17T04:33:30.000Z	5.04E-01	6.17E+00	-3.88E+00	0
2023-01-17T04:34:20.475Z	4.97E-01	6.15E+00	-4.38E+00	0
2023-01-17T04:35:10.950Z	5.11E-01	6.14E+00	-4.32E+00	0
2023-01-17T04:36:01.425Z	5.79E-01	6.11E+00	-3.68E+00	0
2023-01-17T04:36:51.900Z	6.13E-01	6.10E+00	-4.06E+00	0
2023-01-17T04:37:42.375Z	6.30E-01	6.09E+00	-4.00E+00	0
2023-01-17T04:38:32.850Z	6.37E-01	6.08E+00	-4.06E+00	0
2023-01-17T04:39:23.325Z	5.92E-01	6.08E+00	-4.22E+00	0
2023-01-17T04:40:13.800Z	5.86E-01	6.07E+00	-4.66E+00	0
2023-01-17T04:41:04.275Z	5.52E-01	6.07E+00	-4.26E+00	0
2023-01-17T04:41:54.750Z	4.70E-01	6.08E+00	-4.03E+00	0
2023-01-17T04:42:45.225Z	4.38E-01	6.07E+00	-4.18E+00	0

2023-01-17T04:43:35.700Z	4.50E-01	6.05E+00	-3.82E+00	0
2023-01-17T04:44:26.175Z	4.23E-01	6.05E+00	-3.98E+00	0
2023-01-17T04:45:16.650Z	4.19E-01	6.04E+00	-3.80E+00	0
2023-01-17T04:46:07.125Z	3.97E-01	6.04E+00	-3.80E+00	0
2023-01-17T04:46:57.600Z	3.72E-01	6.04E+00	-4.36E+00	0
2023-01-17T04:47:48.075Z	3.25E-01	6.05E+00	-4.76E+00	0
2023-01-17T04:48:38.550Z	2.88E-01	6.04E+00	-4.08E+00	0
2023-01-17T04:49:29.025Z	3.39E-01	6.02E+00	-3.94E+00	0
2023-01-17T04:50:19.500Z	3.98E-01	6.01E+00	-4.14E+00	0
2023-01-17T04:51:09.975Z	4.15E-01	5.99E+00	-3.98E+00	0
2023-01-17T04:52:00.450Z	4.09E-01	5.98E+00	-4.02E+00	0
2023-01-17T04:52:50.925Z	4.12E-01	5.97E+00	-4.30E+00	0
2023-01-17T04:53:41.400Z	4.77E-01	5.95E+00	-3.98E+00	0
2023-01-17T04:54:31.875Z	5.25E-01	5.92E+00	-3.84E+00	0
2023-01-17T04:55:22.350Z	5.14E-01	5.93E+00	-3.92E+00	0
2023-01-17T04:56:12.825Z	4.42E-01	5.92E+00	-3.74E+00	0
2023-01-17T04:57:03.300Z	4.10E-01	5.92E+00	-4.26E+00	0
2023-01-17T04:57:53.775Z	4.37E-01	5.90E+00	-3.92E+00	0
2023-01-17T04:58:44.250Z	4.63E-01	5.89E+00	-4.10E+00	0
2023-01-17T04:59:34.725Z	4.78E-01	5.89E+00	-4.13E+00	0
2023-01-17T05:00:25.200Z	4.51E-01	5.88E+00	-4.02E+00	0
2023-01-17T05:01:15.675Z	3.93E-01	5.89E+00	-4.70E+00	0
2023-01-17T05:02:06.150Z	3.25E-01	5.90E+00	-4.08E+00	0
2023-01-17T05:02:56.625Z	3.02E-01	5.89E+00	-4.54E+00	0
2023-01-17T05:03:47.100Z	3.27E-01	5.88E+00	-4.02E+00	0
2023-01-17T05:04:37.575Z	3.48E-01	5.87E+00	-3.68E+00	0
2023-01-17T05:05:28.050Z	3.71E-01	5.85E+00	-4.52E+00	0
2023-01-17T05:06:18.525Z	3.51E-01	5.85E+00	-4.40E+00	0
2023-01-17T05:07:09.000Z	3.30E-01	5.85E+00	-4.52E+00	0
2023-01-17T05:07:59.475Z	3.19E-01	5.85E+00	-4.10E+00	0
2023-01-17T05:08:49.950Z	3.11E-01	5.84E+00	-3.82E+00	0
2023-01-17T05:09:40.425Z	2.95E-01	5.85E+00	-3.92E+00	0
2023-01-17T05:10:30.900Z	2.94E-01	5.83E+00	-4.28E+00	0
2023-01-17T05:11:21.375Z	3.41E-01	5.82E+00	-3.92E+00	0
2023-01-17T05:12:11.850Z	3.88E-01	5.80E+00	-4.14E+00	0
2023-01-17T05:13:02.325Z	4.62E-01	5.79E+00	-4.22E+00	0
2023-01-17T05:13:52.800Z	4.96E-01	5.77E+00	-4.30E+00	0
2023-01-17T05:14:43.275Z	5.42E-01	5.74E+00	-4.68E+00	0
2023-01-17T05:15:33.750Z	5.40E-01	5.74E+00	-3.70E+00	0
2023-01-17T05:16:24.225Z	5.65E-01	5.73E+00	-4.04E+00	0
2023-01-17T05:17:14.700Z	5.82E-01	5.72E+00	-3.83E+00	0
2023-01-17T05:18:05.175Z	5.71E-01	5.71E+00	-4.62E+00	0
2023-01-17T05:18:55.650Z	5.63E-01	5.71E+00	-3.86E+00	0
2023-01-17T05:19:46.125Z	5.39E-01	5.71E+00	-4.16E+00	0
2023-01-17T05:20:36.600Z	4.85E-01	5.72E+00	-3.72E+00	0
2023-01-17T05:21:27.075Z	4.35E-01	5.72E+00	-4.36E+00	0
2023-01-17T05:22:17.550Z	4.23E-01	5.72E+00	-4.42E+00	0
2023-01-17T05:23:08.025Z	4.00E-01	5.70E+00	-3.96E+00	0
2023-01-17T05:23:58.500Z	3.06E-01	5.72E+00	-4.18E+00	0
2023-01-17T05:24:48.975Z	2.30E-01	5.72E+00	-3.84E+00	0
2023-01-17T05:25:39.450Z	1.44E-01	5.73E+00	-4.14E+00	0
2023-01-17T05:26:29.925Z	1.05E-01	5.72E+00	-4.02E+00	0
2023-01-17T05:27:20.400Z	2.02E-01	5.70E+00	-3.96E+00	0
2023-01-17T05:28:10.875Z	2.23E-01	5.69E+00	-4.40E+00	0
2023-01-17T05:29:01.350Z	1.93E-01	5.68E+00	-4.14E+00	0
2023-01-17T05:29:51.825Z	3.25E-01	5.65E+00	-3.90E+00	0
2023-01-17T05:30:42.300Z	4.23E-01	5.62E+00	-4.36E+00	0
2023-01-17T05:31:32.775Z	4.62E-01	5.61E+00	-4.56E+00	0
2023-01-17T05:32:23.250Z	4.15E-01	5.61E+00	-4.36E+00	0
2023-01-17T05:33:13.725Z	3.61E-01	5.62E+00	-4.24E+00	0
2023-01-17T05:34:04.200Z	2.92E-01	5.63E+00	-3.96E+00	0
2023-01-17T05:34:54.675Z	2.76E-01	5.63E+00	-4.08E+00	0

2023-01-17T05:35:45.150Z	2.69E-01	5.62E+00	-4.08E+00	0
2023-01-17T05:36:35.625Z	2.82E-01	5.62E+00	-4.18E+00	0
2023-01-17T05:37:26.100Z	3.55E-01	5.59E+00	-4.44E+00	0
2023-01-17T05:38:16.575Z	4.25E-01	5.58E+00	-4.24E+00	0
2023-01-17T05:39:07.050Z	4.50E-01	5.57E+00	-4.22E+00	0
2023-01-17T05:39:57.525Z	4.64E-01	5.57E+00	-4.34E+00	0
2023-01-17T05:40:48.000Z	4.39E-01	5.57E+00	-3.90E+00	0
2023-01-17T05:41:38.475Z	3.92E-01	5.58E+00	-4.24E+00	0
2023-01-17T05:42:28.950Z	3.31E-01	5.60E+00	-4.40E+00	0
2023-01-17T05:43:19.425Z	3.01E-01	5.59E+00	-3.68E+00	0
2023-01-17T05:44:09.900Z	3.06E-01	5.61E+00	-4.44E+00	0
2023-01-17T05:45:00.375Z	3.49E-01	5.59E+00	-4.14E+00	0
2023-01-17T05:45:50.850Z	3.94E-01	5.59E+00	-4.46E+00	0
2023-01-17T05:46:41.325Z	4.02E-01	5.59E+00	-4.28E+00	0
2023-01-17T05:47:31.800Z	3.78E-01	5.60E+00	-4.76E+00	0
2023-01-17T05:48:22.275Z	3.21E-01	5.61E+00	-4.42E+00	0
2023-01-17T05:49:12.750Z	2.52E-01	5.62E+00	-4.60E+00	0
2023-01-17T05:50:03.225Z	1.67E-01	5.65E+00	-4.20E+00	0
2023-01-17T05:50:53.700Z	1.42E-01	5.64E+00	-4.12E+00	0
2023-01-17T05:51:44.175Z	-8.24E-03	5.68E+00	-4.58E+00	0
2023-01-17T05:52:34.650Z	-3.47E-02	5.69E+00	-4.37E+00	0
2023-01-17T05:53:25.125Z	-4.58E-03	5.68E+00	-4.60E+00	0
2023-01-17T05:54:15.600Z	1.11E-01	5.66E+00	-4.34E+00	0
2023-01-17T05:55:06.075Z	2.60E-01	5.64E+00	-3.96E+00	0
2023-01-17T05:55:56.550Z	3.57E-01	5.62E+00	-4.40E+00	0
2023-01-17T05:56:47.025Z	4.25E-01	5.61E+00	-4.16E+00	0
2023-01-17T05:57:37.500Z	4.47E-01	5.60E+00	-3.84E+00	0
2023-01-17T05:58:27.975Z	4.13E-01	5.62E+00	-4.56E+00	0
2023-01-17T05:59:18.450Z	3.54E-01	5.62E+00	-4.52E+00	0
2023-01-17T06:00:08.925Z	3.12E-01	5.63E+00	-4.34E+00	0
2023-01-17T06:00:59.400Z	2.57E-01	5.64E+00	-4.30E+00	0
2023-01-17T06:01:49.875Z	2.41E-01	5.64E+00	-4.40E+00	0
2023-01-17T06:02:40.350Z	2.56E-01	5.63E+00	-4.36E+00	0
2023-01-17T06:03:30.825Z	3.10E-01	5.63E+00	-4.52E+00	0
2023-01-17T06:04:21.300Z	3.84E-01	5.60E+00	-4.62E+00	0
2023-01-17T06:05:11.775Z	4.50E-01	5.59E+00	-3.92E+00	0
2023-01-17T06:06:02.250Z	4.89E-01	5.59E+00	-4.60E+00	0
2023-01-17T06:06:52.725Z	4.65E-01	5.60E+00	-4.90E+00	0
2023-01-17T06:07:43.200Z	4.20E-01	5.60E+00	-4.22E+00	0
2023-01-17T06:08:33.675Z	3.48E-01	5.62E+00	-3.88E+00	0
2023-01-17T06:09:24.150Z	2.83E-01	5.62E+00	-4.50E+00	0
2023-01-17T06:10:14.625Z	3.10E-01	5.62E+00	-4.37E+00	0
2023-01-17T06:11:05.100Z	3.47E-01	5.61E+00	-4.38E+00	0
2023-01-17T06:11:55.575Z	3.47E-01	5.62E+00	-4.42E+00	0
2023-01-17T06:12:46.050Z	3.55E-01	5.62E+00	-3.64E+00	0
2023-01-17T06:13:36.525Z	3.45E-01	5.62E+00	-4.24E+00	0
2023-01-17T06:14:27.000Z	3.72E-01	5.62E+00	-4.58E+00	0
2023-01-17T06:15:17.475Z	4.00E-01	5.61E+00	-3.86E+00	0
2023-01-17T06:16:07.950Z	4.14E-01	5.61E+00	-4.30E+00	0
2023-01-17T06:16:58.425Z	4.13E-01	5.62E+00	-4.34E+00	0
2023-01-17T06:17:48.900Z	4.22E-01	5.61E+00	-3.88E+00	0
2023-01-17T06:18:39.375Z	4.24E-01	5.60E+00	-4.30E+00	0
2023-01-17T06:19:29.850Z	4.16E-01	5.61E+00	-4.18E+00	0
2023-01-17T06:20:20.325Z	3.62E-01	5.63E+00	-4.52E+00	0
2023-01-17T06:21:10.800Z	2.82E-01	5.64E+00	-4.36E+00	0
2023-01-17T06:22:01.275Z	2.61E-01	5.64E+00	-4.40E+00	0
2023-01-17T06:22:51.750Z	2.31E-01	5.65E+00	-4.22E+00	0
2023-01-17T06:23:42.225Z	1.16E-01	5.67E+00	-4.60E+00	0
2023-01-17T06:24:32.700Z	-6.02E-02	5.69E+00	-4.40E+00	0
2023-01-17T06:25:23.175Z	-1.42E-01	5.67E+00	-4.30E+00	0
2023-01-17T06:26:13.650Z	-1.00E-01	5.66E+00	-4.82E+00	0
2023-01-17T06:27:04.125Z	7.44E-02	5.66E+00	-3.76E+00	0

2023-01-17T06:27:54.600Z	2.78E-01	5.66E+00	-4.62E+00	0
2023-01-17T06:28:45.075Z	3.32E-01	5.63E+00	-3.96E+00	0
2023-01-17T06:29:35.550Z	2.31E-01	5.66E+00	-4.24E+00	0
2023-01-17T06:30:26.025Z	-4.54E-02	5.69E+00	-4.20E+00	0
2023-01-17T06:31:16.500Z	-1.97E-01	5.68E+00	-4.00E+00	0
2023-01-17T06:32:06.975Z	-1.63E-01	5.68E+00	-4.46E+00	0
2023-01-17T06:32:57.450Z	-1.54E-02	5.66E+00	-4.08E+00	0
2023-01-17T06:33:47.925Z	1.02E-02	5.66E+00	-3.92E+00	0
2023-01-17T06:34:38.400Z	-2.09E-02	5.67E+00	-4.08E+00	0
2023-01-17T06:35:28.875Z	-8.30E-02	5.66E+00	-4.02E+00	0
2023-01-17T06:36:19.350Z	-3.05E-02	5.67E+00	-4.42E+00	0
2023-01-17T06:37:09.825Z	-1.16E-01	5.68E+00	-4.06E+00	0
2023-01-17T06:38:00.300Z	-2.17E-01	5.67E+00	-4.52E+00	0
2023-01-17T06:38:50.775Z	-2.53E-01	5.67E+00	-4.54E+00	0
2023-01-17T06:39:41.250Z	-2.27E-01	5.66E+00	-4.02E+00	0
2023-01-17T06:40:31.725Z	-1.45E-01	5.67E+00	-4.30E+00	0
2023-01-17T06:41:22.200Z	-4.94E-02	5.67E+00	-4.24E+00	0
2023-01-17T06:42:12.675Z	3.92E-03	5.67E+00	-3.80E+00	0
2023-01-17T06:43:03.150Z	8.81E-03	5.66E+00	-4.02E+00	0
2023-01-17T06:43:53.625Z	-3.92E-02	5.67E+00	-4.26E+00	0
2023-01-17T06:44:44.100Z	-4.33E-02	5.68E+00	-3.96E+00	0
2023-01-17T06:45:34.575Z	1.03E-02	5.67E+00	-4.47E+00	0
2023-01-17T06:46:25.050Z	7.37E-02	5.68E+00	-4.40E+00	0
2023-01-17T06:47:15.525Z	1.50E-01	5.67E+00	-4.12E+00	0
2023-01-17T06:48:06.000Z	2.13E-01	5.67E+00	-4.24E+00	0
2023-01-17T06:48:56.475Z	2.56E-01	5.67E+00	-5.04E+00	0
2023-01-17T06:49:46.950Z	2.76E-01	5.68E+00	-3.90E+00	0
2023-01-17T06:50:37.425Z	2.51E-01	5.70E+00	-4.76E+00	0
2023-01-17T06:51:27.900Z	2.48E-01	5.72E+00	-4.36E+00	0
2023-01-17T06:52:18.375Z	2.37E-01	5.72E+00	-3.98E+00	0
2023-01-17T06:53:08.850Z	2.49E-01	5.73E+00	-3.70E+00	0
2023-01-17T06:53:59.325Z	2.37E-01	5.74E+00	-4.74E+00	0
2023-01-17T06:54:49.800Z	1.52E-01	5.75E+00	-4.46E+00	0
2023-01-17T06:55:40.275Z	-3.57E-02	5.78E+00	-3.98E+00	0
2023-01-17T06:56:30.750Z	-8.67E-02	5.77E+00	-3.90E+00	0
2023-01-17T06:57:21.225Z	-4.89E-02	5.76E+00	-4.06E+00	0
2023-01-17T06:58:11.700Z	4.06E-03	5.78E+00	-3.70E+00	0
2023-01-17T06:59:02.175Z	3.94E-02	5.79E+00	-4.18E+00	0
2023-01-17T06:59:52.650Z	8.34E-02	5.79E+00	-4.52E+00	0
2023-01-17T07:00:43.125Z	3.85E-02	5.79E+00	-4.02E+00	0
2023-01-17T07:01:33.600Z	-6.87E-02	5.81E+00	-4.28E+00	0
2023-01-17T07:02:24.075Z	-1.17E-01	5.80E+00	-3.80E+00	0
2023-01-17T07:03:14.550Z	-4.95E-02	5.79E+00	-4.75E+00	0
2023-01-17T07:04:05.025Z	2.25E-03	5.82E+00	-4.18E+00	0
2023-01-17T07:04:55.500Z	1.05E-01	5.80E+00	-4.08E+00	0
2023-01-17T07:05:45.975Z	2.05E-01	5.78E+00	-4.30E+00	0
2023-01-17T07:06:36.450Z	2.61E-01	5.78E+00	-4.08E+00	0
2023-01-17T07:07:26.925Z	2.73E-01	5.77E+00	-4.40E+00	0
2023-01-17T07:08:17.400Z	2.50E-01	5.78E+00	-3.86E+00	0
2023-01-17T07:09:07.875Z	1.51E-01	5.80E+00	-4.56E+00	0
2023-01-17T07:09:58.350Z	3.53E-03	5.83E+00	-4.28E+00	0
2023-01-17T07:10:48.825Z	-1.26E-01	5.78E+00	-4.08E+00	0
2023-01-17T07:11:39.300Z	-7.30E-02	5.80E+00	-4.44E+00	0
2023-01-17T07:12:29.775Z	-2.83E-02	5.80E+00	-4.18E+00	0
2023-01-17T07:13:20.250Z	5.44E-03	5.81E+00	-3.96E+00	0
2023-01-17T07:14:10.725Z	2.08E-01	5.79E+00	-4.40E+00	0
2023-01-17T07:15:01.200Z	3.55E-01	5.78E+00	-3.98E+00	0
2023-01-17T07:15:51.675Z	3.80E-01	5.77E+00	-4.40E+00	0
2023-01-17T07:16:42.150Z	3.57E-01	5.76E+00	-3.90E+00	0
2023-01-17T07:17:32.625Z	2.75E-01	5.78E+00	-4.40E+00	0
2023-01-17T07:18:23.100Z	1.70E-01	5.80E+00	-4.42E+00	0
2023-01-17T07:19:13.575Z	1.20E-01	5.80E+00	-4.12E+00	0

2023-01-17T07:20:04.050Z	2.09E-01	5.80E+00	-4.38E+00	0
2023-01-17T07:20:54.525Z	2.51E-01	5.78E+00	-4.46E+00	0
2023-01-17T07:21:45.000Z	2.78E-01	5.78E+00	-4.17E+00	0
2023-01-17T07:22:35.475Z	3.03E-01	5.76E+00	-3.98E+00	0
2023-01-17T07:23:25.950Z	3.21E-01	5.76E+00	-4.46E+00	0
2023-01-17T07:24:16.425Z	3.59E-01	5.76E+00	-4.18E+00	0
2023-01-17T07:25:06.900Z	4.08E-01	5.74E+00	-4.46E+00	0
2023-01-17T07:25:57.375Z	4.31E-01	5.73E+00	-4.00E+00	0
2023-01-17T07:26:47.850Z	4.35E-01	5.74E+00	-4.40E+00	0
2023-01-17T07:27:38.325Z	4.20E-01	5.73E+00	-4.46E+00	0
2023-01-17T07:28:28.800Z	3.39E-01	5.75E+00	-4.22E+00	0
2023-01-17T07:29:19.275Z	1.96E-01	5.77E+00	-4.20E+00	0
2023-01-17T07:30:09.750Z	-8.75E-02	5.79E+00	-3.54E+00	0
2023-01-17T07:31:00.225Z	-1.89E-01	5.77E+00	-4.60E+00	0
2023-01-17T07:31:50.700Z	-2.60E-01	5.76E+00	-3.92E+00	0
2023-01-17T07:32:41.175Z	-2.83E-01	5.76E+00	-4.38E+00	0
2023-01-17T07:33:31.650Z	-3.32E-01	5.76E+00	-4.50E+00	0
2023-01-17T07:34:22.125Z	-3.67E-01	5.76E+00	-3.96E+00	0
2023-01-17T07:35:12.600Z	-3.98E-01	5.75E+00	-3.86E+00	0
2023-01-17T07:36:03.075Z	-4.57E-01	5.77E+00	-4.28E+00	0
2023-01-17T07:36:53.550Z	-5.42E-01	5.76E+00	-4.10E+00	0
2023-01-17T07:37:44.025Z	-6.11E-01	5.76E+00	-4.60E+00	0
2023-01-17T07:38:34.500Z	-6.00E-01	5.77E+00	-4.13E+00	0
2023-01-17T07:39:24.975Z	-4.35E-01	5.77E+00	-4.18E+00	0
2023-01-17T07:40:15.450Z	-7.71E-02	5.75E+00	-4.14E+00	0
2023-01-17T07:41:05.925Z	2.18E-01	5.72E+00	-4.42E+00	0
2023-01-17T07:41:56.400Z	3.11E-01	5.70E+00	-4.38E+00	0
2023-01-17T07:42:46.875Z	3.33E-01	5.70E+00	-4.12E+00	0
2023-01-17T07:43:37.350Z	3.39E-01	5.71E+00	-4.04E+00	0
2023-01-17T07:44:27.825Z	3.75E-01	5.70E+00	-3.74E+00	0
2023-01-17T07:45:18.300Z	4.00E-01	5.71E+00	-4.12E+00	0
2023-01-17T07:46:08.775Z	3.84E-01	5.70E+00	-4.58E+00	0
2023-01-17T07:46:59.250Z	3.80E-01	5.72E+00	-3.66E+00	0
2023-01-17T07:47:49.725Z	2.88E-01	5.74E+00	-4.20E+00	0
2023-01-17T07:48:40.200Z	1.06E-01	5.77E+00	-4.05E+00	0
2023-01-17T07:49:30.675Z	-2.83E-01	5.79E+00	-3.55E+00	0
2023-01-17T07:50:21.150Z	-3.79E-01	5.77E+00	-3.82E+00	0
2023-01-17T07:51:11.625Z	-4.90E-01	5.76E+00	-3.90E+00	0
2023-01-17T07:52:02.100Z	-5.62E-01	5.76E+00	-4.46E+00	0
2023-01-17T07:52:52.575Z	-4.37E-01	5.76E+00	-4.18E+00	0
2023-01-17T07:53:43.050Z	-1.71E-01	5.77E+00	-3.90E+00	0
2023-01-17T07:54:33.525Z	9.28E-02	5.75E+00	-4.12E+00	0
2023-01-17T07:55:24.000Z	2.25E-01	5.73E+00	-3.80E+00	0
2023-01-17T07:56:14.475Z	3.08E-01	5.72E+00	-4.72E+00	0
2023-01-17T07:57:04.950Z	3.33E-01	5.71E+00	-4.52E+00	0
2023-01-17T07:57:55.425Z	3.10E-01	5.73E+00	-4.78E+00	0
2023-01-17T07:58:45.900Z	2.52E-01	5.74E+00	-4.52E+00	0
2023-01-17T07:59:36.375Z	1.77E-01	5.74E+00	-4.76E+00	0
2023-01-17T08:00:26.850Z	9.34E-02	5.77E+00	-4.06E+00	0
2023-01-17T08:01:17.325Z	-4.26E-03	5.77E+00	-3.76E+00	0
2023-01-17T08:02:07.800Z	-5.62E-02	5.76E+00	-4.12E+00	0
2023-01-17T08:02:58.275Z	-9.63E-02	5.75E+00	-4.24E+00	0
2023-01-17T08:03:48.750Z	-1.02E-01	5.75E+00	-4.36E+00	0
2023-01-17T08:04:39.225Z	-7.57E-03	5.73E+00	-4.96E+00	0
2023-01-17T08:05:29.700Z	1.53E-01	5.73E+00	-4.38E+00	0
2023-01-17T08:06:20.175Z	2.65E-01	5.71E+00	-4.56E+00	0
2023-01-17T08:07:10.650Z	3.53E-01	5.70E+00	-4.28E+00	0
2023-01-17T08:08:01.125Z	3.59E-01	5.69E+00	-4.40E+00	0
2023-01-17T08:08:51.600Z	3.32E-01	5.69E+00	-3.96E+00	0
2023-01-17T08:09:42.075Z	2.54E-01	5.71E+00	-3.80E+00	0
2023-01-17T08:10:32.550Z	1.51E-01	5.72E+00	-4.02E+00	0
2023-01-17T08:11:23.025Z	-1.15E-03	5.72E+00	-4.40E+00	0

2023-01-17T08:12:13.500Z	-3.46E-02	5.74E+00	-4.02E+00	0
2023-01-17T08:13:03.975Z	-1.07E-01	5.71E+00	-4.22E+00	0
2023-01-17T08:13:54.450Z	-1.23E-01	5.68E+00	-4.17E+00	0
2023-01-17T08:14:44.925Z	-1.36E-01	5.67E+00	-3.87E+00	0
2023-01-17T08:15:35.400Z	8.01E-03	5.66E+00	-4.24E+00	0
2023-01-17T08:16:25.875Z	2.38E-01	5.65E+00	-3.96E+00	0
2023-01-17T08:17:16.350Z	3.03E-01	5.63E+00	-3.92E+00	0
2023-01-17T08:18:06.825Z	2.60E-01	5.63E+00	-4.30E+00	0
2023-01-17T08:18:57.300Z	1.81E-01	5.64E+00	-4.28E+00	0
2023-01-17T08:19:47.775Z	2.52E-02	5.65E+00	-3.92E+00	0
2023-01-17T08:20:38.250Z	-1.12E-01	5.63E+00	-4.24E+00	0
2023-01-17T08:21:28.725Z	-8.74E-02	5.61E+00	-4.24E+00	0
2023-01-17T08:22:19.200Z	-1.93E-02	5.60E+00	-4.66E+00	0
2023-01-17T08:23:09.675Z	4.98E-02	5.59E+00	-3.96E+00	0
2023-01-17T08:24:00.150Z	2.11E-02	5.60E+00	-4.00E+00	0
2023-01-17T08:24:50.625Z	-7.17E-02	5.60E+00	-4.50E+00	0
2023-01-17T08:25:41.100Z	-1.95E-01	5.56E+00	-4.12E+00	0
2023-01-17T08:26:31.575Z	-2.87E-01	5.55E+00	-4.56E+00	0
2023-01-17T08:27:22.050Z	-3.43E-01	5.54E+00	-4.28E+00	0
2023-01-17T08:28:12.525Z	-2.94E-01	5.52E+00	-4.46E+00	0
2023-01-17T08:29:03.000Z	-1.41E-01	5.51E+00	-4.34E+00	0
2023-01-17T08:29:53.475Z	-2.17E-02	5.50E+00	-4.22E+00	0
2023-01-17T08:30:43.950Z	-8.86E-02	5.49E+00	-3.73E+00	0
2023-01-17T08:31:34.425Z	-2.82E-01	5.47E+00	-4.22E+00	0
2023-01-17T08:32:24.900Z	-4.72E-01	5.45E+00	-4.24E+00	0
2023-01-17T08:33:15.375Z	-5.40E-01	5.45E+00	-4.48E+00	0
2023-01-17T08:34:05.850Z	-4.83E-01	5.43E+00	-4.74E+00	0
2023-01-17T08:34:56.325Z	-2.82E-01	5.42E+00	-4.32E+00	0
2023-01-17T08:35:46.800Z	3.95E-03	5.39E+00	-4.66E+00	0
2023-01-17T08:36:37.275Z	1.41E-01	5.37E+00	-4.24E+00	0
2023-01-17T08:37:27.750Z	7.02E-02	5.36E+00	-4.56E+00	0
2023-01-17T08:38:18.225Z	-1.47E-01	5.35E+00	-4.92E+00	0
2023-01-17T08:39:08.700Z	-2.07E-01	5.33E+00	-4.16E+00	0
2023-01-17T08:39:59.175Z	-2.37E-01	5.31E+00	-3.90E+00	0
2023-01-17T08:40:49.650Z	-1.91E-01	5.30E+00	-4.08E+00	0
2023-01-17T08:41:40.125Z	-9.03E-02	5.27E+00	-4.60E+00	0
2023-01-17T08:42:30.600Z	4.00E-02	5.24E+00	-3.96E+00	0
2023-01-17T08:43:21.075Z	1.64E-01	5.22E+00	-4.86E+00	0
2023-01-17T08:44:11.550Z	1.61E-01	5.21E+00	-4.70E+00	0
2023-01-17T08:45:02.025Z	1.29E-01	5.20E+00	-4.44E+00	0
2023-01-17T08:45:52.500Z	4.90E-02	5.20E+00	-4.76E+00	0
2023-01-17T08:46:42.975Z	8.32E-02	5.17E+00	-4.64E+00	0
2023-01-17T08:47:33.450Z	9.29E-02	5.17E+00	-4.48E+00	0
2023-01-17T08:48:23.925Z	9.30E-02	5.15E+00	-4.33E+00	0
2023-01-17T08:49:14.400Z	7.40E-02	5.13E+00	-4.68E+00	0
2023-01-17T08:50:04.875Z	6.34E-02	5.13E+00	-4.36E+00	0
2023-01-17T08:50:55.350Z	5.30E-02	5.12E+00	-4.26E+00	0
2023-01-17T08:51:45.825Z	1.18E-02	5.11E+00	-4.76E+00	0
2023-01-17T08:52:36.300Z	-2.87E-02	5.09E+00	-4.68E+00	0
2023-01-17T08:53:26.775Z	-1.60E-02	5.08E+00	-4.42E+00	0
2023-01-17T08:54:17.250Z	1.04E-02	5.06E+00	-4.62E+00	0
2023-01-17T08:55:07.725Z	5.04E-02	5.06E+00	-4.24E+00	0
2023-01-17T08:55:58.200Z	2.67E-02	5.06E+00	-4.32E+00	0
2023-01-17T08:56:48.675Z	-7.05E-02	5.04E+00	-3.94E+00	0
2023-01-17T08:57:39.150Z	-1.93E-01	5.04E+00	-4.78E+00	0
2023-01-17T08:58:29.625Z	-2.91E-01	5.02E+00	-5.12E+00	0
2023-01-17T08:59:20.100Z	-3.11E-01	5.01E+00	-4.32E+00	0
2023-01-17T09:00:10.575Z	-1.97E-01	5.00E+00	-4.52E+00	0
2023-01-17T09:01:01.050Z	-6.41E-02	4.99E+00	-4.68E+00	0
2023-01-17T09:01:51.525Z	2.74E-02	4.97E+00	-4.24E+00	0
2023-01-17T09:02:42.000Z	5.20E-02	4.95E+00	-4.12E+00	0
2023-01-17T09:03:32.475Z	-7.52E-03	4.95E+00	-4.82E+00	0

2023-01-17T09:04:22.950Z	-3.32E-02	4.95E+00	-4.58E+00	0
2023-01-17T09:05:13.425Z	-8.35E-02	4.93E+00	-4.32E+00	0
2023-01-17T09:06:03.900Z	-1.36E-01	4.92E+00	-4.35E+00	0
2023-01-17T09:06:54.375Z	-5.17E-02	4.91E+00	-4.40E+00	0
2023-01-17T09:07:44.850Z	5.83E-02	4.89E+00	-4.64E+00	0
2023-01-17T09:08:35.325Z	1.68E-02	4.89E+00	-4.90E+00	0
2023-01-17T09:09:25.800Z	-7.00E-02	4.89E+00	-4.96E+00	0
2023-01-17T09:10:16.275Z	-1.70E-01	4.87E+00	-4.74E+00	0
2023-01-17T09:11:06.750Z	-3.34E-01	4.87E+00	-4.48E+00	0
2023-01-17T09:11:57.225Z	-4.60E-01	4.86E+00	-3.80E+00	0
2023-01-17T09:12:47.700Z	-4.70E-01	4.85E+00	-4.24E+00	0
2023-01-17T09:13:38.175Z	-3.78E-01	4.84E+00	-4.12E+00	0
2023-01-17T09:14:28.650Z	-2.32E-01	4.83E+00	-4.96E+00	0
2023-01-17T09:15:19.125Z	-1.41E-01	4.83E+00	-4.24E+00	0
2023-01-17T09:16:09.600Z	-4.98E-02	4.81E+00	-4.64E+00	0
2023-01-17T09:17:00.075Z	5.86E-02	4.78E+00	-5.40E+00	0
2023-01-17T09:17:50.550Z	1.20E-01	4.78E+00	-5.33E+00	0
2023-01-17T09:18:41.025Z	1.48E-01	4.76E+00	-4.14E+00	0
2023-01-17T09:19:31.500Z	2.14E-01	4.74E+00	-4.42E+00	0
2023-01-17T09:20:21.975Z	2.44E-01	4.73E+00	-4.42E+00	0
2023-01-17T09:21:12.450Z	2.84E-01	4.71E+00	-4.40E+00	0
2023-01-17T09:22:02.925Z	2.85E-01	4.72E+00	-4.14E+00	0
2023-01-17T09:22:53.400Z	2.55E-01	4.71E+00	-4.30E+00	0
2023-01-17T09:23:43.875Z	2.80E-01	4.71E+00	-4.23E+00	0
2023-01-17T09:24:34.350Z	3.08E-01	4.71E+00	-4.72E+00	0
2023-01-17T09:25:24.825Z	3.42E-01	4.70E+00	-4.74E+00	0
2023-01-17T09:26:15.300Z	3.46E-01	4.69E+00	-4.40E+00	0
2023-01-17T09:27:05.775Z	2.18E-01	4.72E+00	-4.36E+00	0
2023-01-17T09:27:56.250Z	1.81E-02	4.74E+00	-4.62E+00	0
2023-01-17T09:28:46.725Z	-9.30E-02	4.73E+00	-5.28E+00	0
2023-01-17T09:29:37.200Z	-5.72E-02	4.71E+00	-4.50E+00	0
2023-01-17T09:30:27.675Z	-3.00E-02	4.73E+00	-3.96E+00	0
2023-01-17T09:31:18.150Z	-3.69E-02	4.72E+00	-4.00E+00	0
2023-01-17T09:32:08.625Z	-9.81E-02	4.70E+00	-4.34E+00	0
2023-01-17T09:32:59.100Z	1.09E-01	4.68E+00	-5.10E+00	0
2023-01-17T09:33:49.575Z	2.57E-01	4.67E+00	-4.56E+00	0
2023-01-17T09:34:40.050Z	1.62E-01	4.69E+00	-4.40E+00	0
2023-01-17T09:35:30.525Z	-8.35E-02	4.68E+00	-4.02E+00	0
2023-01-17T09:36:21.000Z	-5.03E-02	4.67E+00	-4.66E+00	0
2023-01-17T09:37:11.475Z	3.36E-02	4.66E+00	-4.52E+00	0
2023-01-17T09:38:01.950Z	1.69E-01	4.65E+00	-4.44E+00	0
2023-01-17T09:38:52.425Z	2.08E-01	4.64E+00	-4.46E+00	0
2023-01-17T09:39:42.900Z	8.80E-02	4.66E+00	-4.58E+00	0
2023-01-17T09:40:33.375Z	-1.35E-01	4.65E+00	-4.52E+00	0
2023-01-17T09:41:23.850Z	-2.20E-01	4.63E+00	-4.72E+00	0
2023-01-17T09:42:14.325Z	-2.82E-01	4.62E+00	-4.08E+00	0
2023-01-17T09:43:04.800Z	-2.50E-01	4.61E+00	-4.30E+00	0
2023-01-17T09:43:55.275Z	-4.11E-02	4.60E+00	-4.50E+00	0
2023-01-17T09:44:45.750Z	2.09E-01	4.58E+00	-4.14E+00	0
2023-01-17T09:45:36.225Z	3.22E-01	4.55E+00	-4.16E+00	0
2023-01-17T09:46:26.700Z	3.32E-01	4.55E+00	-4.44E+00	0
2023-01-17T09:47:17.175Z	2.62E-01	4.56E+00	-4.30E+00	0
2023-01-17T09:48:07.650Z	1.84E-01	4.58E+00	-4.30E+00	0
2023-01-17T09:48:58.125Z	1.16E-01	4.58E+00	-5.10E+00	0
2023-01-17T09:49:48.600Z	-1.27E-03	4.59E+00	-5.06E+00	0
2023-01-17T09:50:39.075Z	-6.20E-02	4.59E+00	-4.82E+00	0
2023-01-17T09:51:29.550Z	8.61E-02	4.56E+00	-4.46E+00	0
2023-01-17T09:52:20.025Z	2.95E-01	4.53E+00	-4.84E+00	0
2023-01-17T09:53:10.500Z	3.83E-01	4.50E+00	-4.88E+00	0
2023-01-17T09:54:00.975Z	4.42E-01	4.48E+00	-4.50E+00	0
2023-01-17T09:54:51.450Z	4.66E-01	4.47E+00	-4.76E+00	0
2023-01-17T09:55:41.925Z	4.35E-01	4.46E+00	-4.62E+00	0

2023-01-17T09:56:32.400Z	3.81E-01	4.46E+00	-4.66E+00	0
2023-01-17T09:57:22.875Z	3.48E-01	4.47E+00	-4.40E+00	0
2023-01-17T09:58:13.350Z	3.62E-01	4.46E+00	-4.76E+00	0
2023-01-17T09:59:03.825Z	3.80E-01	4.45E+00	-4.60E+00	0
2023-01-17T09:59:54.300Z	4.30E-01	4.42E+00	-4.32E+00	0
2023-01-17T10:00:44.775Z	4.30E-01	4.41E+00	-4.12E+00	0
2023-01-17T10:01:35.250Z	4.01E-01	4.40E+00	-4.46E+00	0
2023-01-17T10:02:25.725Z	3.80E-01	4.41E+00	-4.22E+00	0
2023-01-17T10:03:16.200Z	3.94E-01	4.39E+00	-4.38E+00	0
2023-01-17T10:04:06.675Z	5.07E-01	4.36E+00	-4.28E+00	0
2023-01-17T10:04:57.150Z	5.55E-01	4.35E+00	-4.14E+00	0
2023-01-17T10:05:47.625Z	4.67E-01	4.36E+00	-4.70E+00	0
2023-01-17T10:06:38.100Z	3.31E-01	4.37E+00	-4.88E+00	0
2023-01-17T10:07:28.575Z	2.46E-01	4.39E+00	-4.38E+00	0
2023-01-17T10:08:19.050Z	2.81E-01	4.37E+00	-3.90E+00	0
2023-01-17T10:09:09.525Z	3.87E-01	4.33E+00	-4.26E+00	0
2023-01-17T10:10:00.000Z	4.73E-01	4.32E+00	-4.10E+00	0
2023-01-17T10:10:50.475Z	4.33E-01	4.32E+00	-4.66E+00	0
2023-01-17T10:11:40.950Z	3.62E-01	4.32E+00	-4.46E+00	0
2023-01-17T10:12:31.425Z	3.01E-01	4.32E+00	-4.56E+00	0
2023-01-17T10:13:21.900Z	2.65E-01	4.32E+00	-4.50E+00	0
2023-01-17T10:14:12.375Z	2.79E-01	4.31E+00	-4.74E+00	0
2023-01-17T10:15:02.850Z	3.33E-01	4.30E+00	-4.98E+00	0
2023-01-17T10:15:53.325Z	4.38E-01	4.27E+00	-4.44E+00	0
2023-01-17T10:16:43.800Z	5.79E-01	4.22E+00	-4.77E+00	0
2023-01-17T10:17:34.275Z	6.34E-01	4.21E+00	-4.70E+00	0
2023-01-17T10:18:24.750Z	6.36E-01	4.21E+00	-4.54E+00	0
2023-01-17T10:19:15.225Z	6.62E-01	4.20E+00	-4.78E+00	0
2023-01-17T10:20:05.700Z	6.85E-01	4.20E+00	-4.74E+00	0
2023-01-17T10:20:56.175Z	6.48E-01	4.19E+00	-4.90E+00	0
2023-01-17T10:21:46.650Z	6.19E-01	4.20E+00	-4.68E+00	0
2023-01-17T10:22:37.125Z	5.15E-01	4.21E+00	-3.78E+00	0
2023-01-17T10:23:27.600Z	4.14E-01	4.23E+00	-4.86E+00	0
2023-01-17T10:24:18.075Z	4.73E-01	4.20E+00	-4.38E+00	0
2023-01-17T10:25:08.550Z	4.43E-01	4.21E+00	-4.70E+00	0
2023-01-17T10:25:59.025Z	3.69E-01	4.22E+00	-4.48E+00	0
2023-01-17T10:26:49.500Z	4.56E-01	4.19E+00	-5.16E+00	0
2023-01-17T10:27:39.975Z	5.77E-01	4.18E+00	-4.88E+00	0
2023-01-17T10:28:30.450Z	6.29E-01	4.17E+00	-4.74E+00	0
2023-01-17T10:29:20.925Z	6.22E-01	4.16E+00	-4.96E+00	0
2023-01-17T10:30:11.400Z	5.71E-01	4.17E+00	-4.22E+00	0
2023-01-17T10:31:01.875Z	4.57E-01	4.20E+00	-4.92E+00	0
2023-01-17T10:31:52.350Z	2.57E-01	4.24E+00	-4.70E+00	0
2023-01-17T10:32:42.825Z	-9.26E-02	4.26E+00	-4.82E+00	0
2023-01-17T10:33:33.300Z	-8.62E-02	4.25E+00	-4.64E+00	0
2023-01-17T10:34:23.775Z	-1.79E-01	4.25E+00	-4.65E+00	0
2023-01-17T10:35:14.250Z	-1.99E-01	4.27E+00	-4.82E+00	0
2023-01-17T10:36:04.725Z	7.14E-02	4.24E+00	-4.48E+00	0
2023-01-17T10:36:55.200Z	2.50E-01	4.21E+00	-4.96E+00	0
2023-01-17T10:37:45.675Z	3.08E-01	4.21E+00	-4.52E+00	0
2023-01-17T10:38:36.150Z	2.88E-01	4.22E+00	-5.34E+00	0
2023-01-17T10:39:26.625Z	3.35E-01	4.21E+00	-4.44E+00	0
2023-01-17T10:40:17.100Z	3.28E-01	4.22E+00	-4.72E+00	0
2023-01-17T10:41:07.575Z	1.91E-01	4.25E+00	-4.56E+00	0
2023-01-17T10:41:58.050Z	1.11E-01	4.26E+00	-4.88E+00	0
2023-01-17T10:42:48.525Z	2.89E-01	4.24E+00	-4.60E+00	0
2023-01-17T10:43:39.000Z	3.90E-01	4.22E+00	-4.48E+00	0
2023-01-17T10:44:29.475Z	3.98E-01	4.22E+00	-4.20E+00	0
2023-01-17T10:45:19.950Z	3.07E-01	4.23E+00	-4.54E+00	0
2023-01-17T10:46:10.425Z	1.77E-01	4.26E+00	-5.36E+00	0
2023-01-17T10:47:00.900Z	-1.07E-01	4.29E+00	-5.18E+00	0
2023-01-17T10:47:51.375Z	-1.60E-01	4.28E+00	-4.66E+00	0

2023-01-17T10:48:41.850Z	-1.46E-01	4.27E+00	-4.86E+00	0
2023-01-17T10:49:32.325Z	1.54E-02	4.26E+00	-4.92E+00	0
2023-01-17T10:50:22.800Z	8.30E-02	4.27E+00	-5.36E+00	0
2023-01-17T10:51:13.275Z	-3.61E-02	4.28E+00	-4.60E+00	0
2023-01-17T10:52:03.750Z	-1.78E-01	4.27E+00	-4.73E+00	0
2023-01-17T10:52:54.225Z	-3.19E-01	4.26E+00	-4.82E+00	0
2023-01-17T10:53:44.700Z	-1.73E-01	4.26E+00	-4.76E+00	0
2023-01-17T10:54:35.175Z	-2.97E-02	4.26E+00	-4.26E+00	0
2023-01-17T10:55:25.650Z	1.51E-01	4.22E+00	-4.40E+00	0
2023-01-17T10:56:16.125Z	2.79E-01	4.20E+00	-4.80E+00	0
2023-01-17T10:57:06.600Z	3.67E-01	4.19E+00	-4.82E+00	0
2023-01-17T10:57:57.075Z	3.21E-01	4.20E+00	-4.70E+00	0
2023-01-17T10:58:47.550Z	2.20E-01	4.21E+00	-4.38E+00	0
2023-01-17T10:59:38.025Z	1.73E-01	4.22E+00	-4.64E+00	0
2023-01-17T11:00:28.500Z	1.87E-01	4.20E+00	-4.86E+00	0
2023-01-17T11:01:18.975Z	1.40E-01	4.22E+00	-4.64E+00	0
2023-01-17T11:02:09.450Z	-1.41E-01	4.23E+00	-4.48E+00	0
2023-01-17T11:02:59.925Z	-1.51E-01	4.22E+00	-5.18E+00	0
2023-01-17T11:03:50.400Z	-1.82E-01	4.21E+00	-4.32E+00	0
2023-01-17T11:04:40.875Z	-2.49E-01	4.20E+00	-5.06E+00	0
2023-01-17T11:05:31.350Z	-3.01E-01	4.20E+00	-4.50E+00	0
2023-01-17T11:06:21.825Z	-1.50E-01	4.18E+00	-4.76E+00	0
2023-01-17T11:07:12.300Z	2.90E-01	4.12E+00	-4.92E+00	0
2023-01-17T11:08:02.775Z	5.58E-01	4.08E+00	-4.88E+00	0
2023-01-17T11:08:53.250Z	7.02E-01	4.04E+00	-5.24E+00	0
2023-01-17T11:09:43.725Z	7.57E-01	4.04E+00	-4.97E+00	0
2023-01-17T11:10:34.200Z	7.70E-01	4.04E+00	-4.40E+00	0
2023-01-17T11:11:24.675Z	7.34E-01	4.04E+00	-4.54E+00	0
2023-01-17T11:12:15.150Z	7.47E-01	4.03E+00	-4.26E+00	0
2023-01-17T11:13:05.625Z	7.92E-01	4.02E+00	-4.92E+00	0
2023-01-17T11:13:56.100Z	7.98E-01	4.02E+00	-4.72E+00	0
2023-01-17T11:14:46.575Z	8.41E-01	4.01E+00	-4.72E+00	0
2023-01-17T11:15:37.050Z	8.86E-01	4.01E+00	-4.72E+00	0
2023-01-17T11:16:27.525Z	8.87E-01	3.99E+00	-4.50E+00	0
2023-01-17T11:17:18.000Z	8.80E-01	3.99E+00	-4.60E+00	0
2023-01-17T11:18:08.475Z	8.85E-01	3.98E+00	-4.60E+00	0
2023-01-17T11:18:58.950Z	8.76E-01	3.98E+00	-4.92E+00	0
2023-01-17T11:19:49.425Z	8.39E-01	3.98E+00	-4.82E+00	0
2023-01-17T11:20:39.900Z	8.00E-01	3.98E+00	-4.90E+00	0
2023-01-17T11:21:30.375Z	7.64E-01	4.00E+00	-4.20E+00	0
2023-01-17T11:22:20.850Z	7.98E-01	3.98E+00	-4.68E+00	0
2023-01-17T11:23:11.325Z	8.27E-01	3.98E+00	-5.46E+00	0
2023-01-17T11:24:01.800Z	8.40E-01	3.97E+00	-4.86E+00	0
2023-01-17T11:24:52.275Z	8.36E-01	3.97E+00	-4.42E+00	0
2023-01-17T11:25:42.750Z	8.53E-01	3.96E+00	-5.50E+00	0
2023-01-17T11:26:33.225Z	8.29E-01	3.97E+00	-4.98E+00	0
2023-01-17T11:27:23.700Z	7.83E-01	3.98E+00	-4.67E+00	0
2023-01-17T11:28:14.175Z	7.52E-01	3.98E+00	-4.86E+00	0
2023-01-17T11:29:04.650Z	7.90E-01	3.97E+00	-4.64E+00	0
2023-01-17T11:29:55.125Z	8.13E-01	3.98E+00	-4.52E+00	0
2023-01-17T11:30:45.600Z	7.74E-01	3.97E+00	-4.40E+00	0
2023-01-17T11:31:36.075Z	7.56E-01	3.98E+00	-5.02E+00	0
2023-01-17T11:32:26.550Z	7.32E-01	3.99E+00	-4.04E+00	0
2023-01-17T11:33:17.025Z	6.82E-01	3.99E+00	-4.62E+00	0
2023-01-17T11:34:07.500Z	6.22E-01	4.00E+00	-4.88E+00	0
2023-01-17T11:34:57.975Z	5.35E-01	4.01E+00	-4.52E+00	0
2023-01-17T11:35:48.450Z	5.15E-01	4.01E+00	-4.36E+00	0
2023-01-17T11:36:38.925Z	5.84E-01	4.00E+00	-4.26E+00	0
2023-01-17T11:37:29.400Z	5.74E-01	4.00E+00	-5.62E+00	0
2023-01-17T11:38:19.875Z	5.85E-01	4.00E+00	-5.34E+00	0
2023-01-17T11:39:10.350Z	5.80E-01	4.00E+00	-4.54E+00	0
2023-01-17T11:40:00.825Z	5.80E-01	4.01E+00	-4.54E+00	0

2023-01-17T11:40:51.300Z	5.45E-01	4.01E+00	-4.48E+00	0
2023-01-17T11:41:41.775Z	4.47E-01	4.02E+00	-5.12E+00	0
2023-01-17T11:42:32.250Z	4.58E-01	4.02E+00	-4.60E+00	0
2023-01-17T11:43:22.725Z	4.43E-01	4.02E+00	-4.92E+00	0
2023-01-17T11:44:13.200Z	3.57E-01	4.03E+00	-4.70E+00	0
2023-01-17T11:45:03.675Z	4.07E-01	4.01E+00	-4.88E+00	0
2023-01-17T11:45:54.150Z	4.94E-01	4.01E+00	-4.45E+00	0
2023-01-17T11:46:44.625Z	5.49E-01	3.99E+00	-4.87E+00	0
2023-01-17T11:47:35.100Z	5.02E-01	3.99E+00	-4.64E+00	0
2023-01-17T11:48:25.575Z	5.65E-01	3.98E+00	-4.60E+00	0
2023-01-17T11:49:16.050Z	6.35E-01	3.97E+00	-4.68E+00	0
2023-01-17T11:50:06.525Z	6.56E-01	3.96E+00	-4.90E+00	0
2023-01-17T11:50:57.000Z	5.45E-01	3.97E+00	-4.70E+00	0
2023-01-17T11:51:47.475Z	3.76E-01	4.00E+00	-5.24E+00	0
2023-01-17T11:52:37.950Z	1.41E-01	4.04E+00	-4.38E+00	0
2023-01-17T11:53:28.425Z	1.59E-01	4.02E+00	-4.64E+00	0
2023-01-17T11:54:18.900Z	3.69E-01	3.98E+00	-4.86E+00	0
2023-01-17T11:55:09.375Z	4.82E-01	3.95E+00	-4.64E+00	0
2023-01-17T11:55:59.850Z	6.00E-01	3.93E+00	-5.28E+00	0
2023-01-17T11:56:50.325Z	6.05E-01	3.91E+00	-4.56E+00	0
2023-01-17T11:57:40.800Z	6.22E-01	3.91E+00	-4.60E+00	0
2023-01-17T11:58:31.275Z	6.29E-01	3.89E+00	-4.96E+00	0
2023-01-17T11:59:21.750Z	5.69E-01	3.90E+00	-4.40E+00	0
2023-01-17T12:00:12.225Z	5.31E-01	3.89E+00	-5.24E+00	0
2023-01-17T12:01:02.700Z	5.53E-01	3.87E+00	-5.42E+00	0
2023-01-17T12:01:53.175Z	5.59E-01	3.86E+00	-4.85E+00	0
2023-01-17T12:02:43.650Z	4.99E-01	3.86E+00	-4.93E+00	0
2023-01-17T12:03:34.125Z	3.80E-01	3.86E+00	-4.20E+00	0
2023-01-17T12:04:24.600Z	1.95E-01	3.89E+00	-4.16E+00	0
2023-01-17T12:05:15.075Z	-2.41E-01	3.90E+00	-5.22E+00	0
2023-01-17T12:06:05.550Z	-2.80E-01	3.87E+00	-4.78E+00	0
2023-01-17T12:06:56.025Z	-1.73E-01	3.86E+00	-4.68E+00	0
2023-01-17T12:07:46.500Z	-8.92E-02	3.83E+00	-4.70E+00	0
2023-01-17T12:08:36.975Z	-5.20E-02	3.83E+00	-4.94E+00	0
2023-01-17T12:09:27.450Z	1.17E-01	3.79E+00	-4.94E+00	0
2023-01-17T12:10:17.925Z	3.36E-01	3.74E+00	-4.30E+00	0
2023-01-17T12:11:08.400Z	4.10E-01	3.72E+00	-4.92E+00	0
2023-01-17T12:11:58.875Z	3.97E-01	3.72E+00	-4.66E+00	0
2023-01-17T12:12:49.350Z	3.56E-01	3.72E+00	-4.82E+00	0
2023-01-17T12:13:39.825Z	2.51E-01	3.73E+00	-5.00E+00	0
2023-01-17T12:14:30.300Z	-1.02E-01	3.76E+00	-4.72E+00	0
2023-01-17T12:15:20.775Z	-2.10E-01	3.74E+00	-4.62E+00	0
2023-01-17T12:16:11.250Z	-2.25E-01	3.73E+00	-4.68E+00	0
2023-01-17T12:17:01.725Z	-2.29E-01	3.71E+00	-4.88E+00	0
2023-01-17T12:17:52.200Z	-3.95E-01	3.71E+00	-5.22E+00	0
2023-01-17T12:18:42.675Z	-4.81E-01	3.71E+00	-4.90E+00	0
2023-01-17T12:19:33.150Z	-3.96E-01	3.70E+00	-4.78E+00	0
2023-01-17T12:20:23.625Z	-1.58E-01	3.68E+00	-5.22E+00	0
2023-01-17T12:21:14.100Z	6.24E-02	3.66E+00	-4.90E+00	0
2023-01-17T12:22:04.575Z	1.98E-01	3.64E+00	-4.56E+00	0
2023-01-17T12:22:55.050Z	3.35E-01	3.59E+00	-4.74E+00	0
2023-01-17T12:23:45.525Z	4.05E-01	3.59E+00	-5.00E+00	0
2023-01-17T12:24:36.000Z	4.08E-01	3.59E+00	-5.76E+00	0
2023-01-17T12:25:26.475Z	4.08E-01	3.58E+00	-5.42E+00	0
2023-01-17T12:26:16.950Z	2.82E-01	3.60E+00	-5.20E+00	0
2023-01-17T12:27:07.425Z	1.52E-01	3.62E+00	-4.62E+00	0
2023-01-17T12:27:57.900Z	-2.83E-01	3.64E+00	-4.84E+00	0
2023-01-17T12:28:48.375Z	-3.79E-01	3.63E+00	-5.22E+00	0
2023-01-17T12:29:38.850Z	-3.92E-01	3.62E+00	-5.10E+00	0
2023-01-17T12:30:29.325Z	-3.08E-01	3.62E+00	-4.68E+00	0
2023-01-17T12:31:19.800Z	-3.45E-02	3.60E+00	-4.62E+00	0
2023-01-17T12:32:10.275Z	1.18E-01	3.59E+00	-5.12E+00	0

2023-01-17T12:33:00.750Z	-5.44E-03	3.60E+00	-4.94E+00	0
2023-01-17T12:33:51.225Z	-1.32E-01	3.58E+00	-4.72E+00	0
2023-01-17T12:34:41.700Z	-6.71E-02	3.59E+00	-4.06E+00	0
2023-01-17T12:35:32.175Z	-1.48E-01	3.58E+00	-4.76E+00	0
2023-01-17T12:36:22.650Z	-2.42E-01	3.58E+00	-5.15E+00	0
2023-01-17T12:37:13.125Z	1.00E-01	3.53E+00	-5.04E+00	0
2023-01-17T12:38:03.600Z	3.19E-01	3.50E+00	-4.22E+00	0
2023-01-17T12:38:54.075Z	4.15E-01	3.49E+00	-5.00E+00	0
2023-01-17T12:39:44.550Z	4.63E-01	3.49E+00	-5.20E+00	0
2023-01-17T12:40:35.025Z	4.86E-01	3.49E+00	-4.98E+00	0
2023-01-17T12:41:25.500Z	3.97E-01	3.50E+00	-4.66E+00	0
2023-01-17T12:42:15.975Z	-2.58E-01	3.56E+00	-4.72E+00	0
2023-01-17T12:43:06.450Z	-6.65E-01	3.56E+00	-5.10E+00	0
2023-01-17T12:43:56.925Z	-6.26E-01	3.54E+00	-5.10E+00	0
2023-01-17T12:44:47.400Z	-1.60E-01	3.53E+00	-4.98E+00	0
2023-01-17T12:45:37.875Z	1.49E-01	3.49E+00	-4.98E+00	0
2023-01-17T12:46:28.350Z	2.97E-01	3.47E+00	-4.94E+00	0
2023-01-17T12:47:18.825Z	4.20E-01	3.46E+00	-4.46E+00	0
2023-01-17T12:48:09.300Z	4.84E-01	3.45E+00	-5.10E+00	0
2023-01-17T12:48:59.775Z	5.04E-01	3.45E+00	-5.20E+00	0
2023-01-17T12:49:50.250Z	4.94E-01	3.45E+00	-4.90E+00	0
2023-01-17T12:50:40.725Z	5.36E-01	3.44E+00	-4.94E+00	0
2023-01-17T12:51:31.200Z	5.22E-01	3.44E+00	-5.14E+00	0
2023-01-17T12:52:21.675Z	4.41E-01	3.46E+00	-4.26E+00	0
2023-01-17T12:53:12.150Z	3.28E-01	3.49E+00	-4.76E+00	0
2023-01-17T12:54:02.625Z	1.72E-01	3.51E+00	-5.20E+00	0
2023-01-17T12:54:53.100Z	2.53E-01	3.49E+00	-5.10E+00	0
2023-01-17T12:55:43.575Z	3.57E-01	3.47E+00	-4.84E+00	0
2023-01-17T12:56:34.050Z	3.16E-01	3.49E+00	-4.56E+00	0
2023-01-17T12:57:24.525Z	2.82E-01	3.49E+00	-4.70E+00	0
2023-01-17T12:58:15.000Z	6.43E-02	3.52E+00	-4.78E+00	0
2023-01-17T12:59:05.475Z	-3.36E-01	3.53E+00	-4.30E+00	0
2023-01-17T12:59:55.950Z	-1.55E-01	3.51E+00	-5.26E+00	0
2023-01-17T13:00:46.425Z	2.24E-01	3.48E+00	-4.80E+00	0
2023-01-17T13:01:36.900Z	2.97E-01	3.47E+00	-5.00E+00	0
2023-01-17T13:02:27.375Z	3.35E-01	3.48E+00	-4.74E+00	0
2023-01-17T13:03:17.850Z	2.50E-01	3.49E+00	-4.84E+00	0
2023-01-17T13:04:08.325Z	-1.24E-01	3.55E+00	-5.22E+00	0
2023-01-17T13:04:58.800Z	-3.11E-01	3.52E+00	-4.72E+00	0
2023-01-17T13:05:49.275Z	-2.18E-01	3.53E+00	-5.08E+00	0
2023-01-17T13:06:39.750Z	-1.01E-01	3.53E+00	-5.02E+00	0
2023-01-17T13:07:30.225Z	-1.75E-01	3.54E+00	-5.16E+00	0
2023-01-17T13:08:20.700Z	-4.57E-01	3.53E+00	-4.60E+00	0
2023-01-17T13:09:11.175Z	-3.30E-01	3.53E+00	-4.88E+00	0
2023-01-17T13:10:01.650Z	1.44E-01	3.50E+00	-4.58E+00	0
2023-01-17T13:10:52.125Z	1.17E-01	3.52E+00	-4.94E+00	0
2023-01-17T13:11:42.600Z	-7.60E-02	3.55E+00	-4.32E+00	0
2023-01-17T13:12:33.075Z	-3.56E-02	3.54E+00	-5.23E+00	0
2023-01-17T13:13:23.550Z	1.43E-01	3.53E+00	-4.74E+00	0
2023-01-17T13:14:14.025Z	1.71E-01	3.53E+00	-5.36E+00	0
2023-01-17T13:15:04.500Z	5.51E-02	3.56E+00	-4.76E+00	0
2023-01-17T13:15:54.975Z	2.38E-02	3.57E+00	-4.58E+00	0
2023-01-17T13:16:45.450Z	1.80E-01	3.54E+00	-4.88E+00	0
2023-01-17T13:17:35.925Z	2.45E-01	3.55E+00	-4.80E+00	0
2023-01-17T13:18:26.400Z	2.03E-01	3.56E+00	-4.70E+00	0
2023-01-17T13:19:16.875Z	6.16E-02	3.59E+00	-4.68E+00	0
2023-01-17T13:20:07.350Z	-1.73E-01	3.59E+00	-4.62E+00	0
2023-01-17T13:20:57.825Z	-1.07E-01	3.59E+00	-4.56E+00	0
2023-01-17T13:21:48.300Z	-5.77E-02	3.61E+00	-4.98E+00	0
2023-01-17T13:22:38.775Z	1.15E-01	3.59E+00	-5.36E+00	0
2023-01-17T13:23:29.250Z	2.81E-01	3.58E+00	-4.84E+00	0
2023-01-17T13:24:19.725Z	3.90E-01	3.57E+00	-5.26E+00	0

2023-01-17T13:25:10.200Z	3.33E-01	3.59E+00	-4.62E+00	0
2023-01-17T13:26:00.675Z	2.87E-01	3.61E+00	-5.34E+00	0
2023-01-17T13:26:51.150Z	2.57E-01	3.63E+00	-4.40E+00	0
2023-01-17T13:27:41.625Z	2.65E-01	3.64E+00	-4.42E+00	0
2023-01-17T13:28:32.100Z	2.14E-01	3.66E+00	-4.78E+00	0
2023-01-17T13:29:22.575Z	-5.64E-02	3.71E+00	-4.40E+00	0
2023-01-17T13:30:13.050Z	-1.31E-01	3.73E+00	-4.78E+00	0
2023-01-17T13:31:03.525Z	-2.23E-01	3.73E+00	-4.96E+00	0
2023-01-17T13:31:54.000Z	-3.16E-01	3.74E+00	-4.40E+00	0
2023-01-17T13:32:44.475Z	-2.49E-01	3.75E+00	-5.38E+00	0
2023-01-17T13:33:34.950Z	-1.89E-01	3.76E+00	-4.32E+00	0
2023-01-17T13:34:25.425Z	-1.94E-01	3.77E+00	-4.90E+00	0
2023-01-17T13:35:15.900Z	-1.07E-01	3.79E+00	-4.82E+00	0
2023-01-17T13:36:06.375Z	-1.53E-01	3.80E+00	-4.40E+00	0
2023-01-17T13:36:56.850Z	-1.59E-01	3.81E+00	-4.58E+00	0
2023-01-17T13:37:47.325Z	-1.06E-01	3.82E+00	-4.30E+00	0
2023-01-17T13:38:37.800Z	-4.20E-02	3.83E+00	-4.90E+00	0
2023-01-17T13:39:28.275Z	-1.67E-02	3.82E+00	-4.96E+00	0
2023-01-17T13:40:18.750Z	1.46E-01	3.82E+00	-5.18E+00	0
2023-01-17T13:41:09.225Z	6.62E-02	3.86E+00	-5.06E+00	0
2023-01-17T13:41:59.700Z	1.94E-01	3.84E+00	-4.72E+00	0
2023-01-17T13:42:50.175Z	-1.27E-01	3.90E+00	-4.38E+00	0
2023-01-17T13:43:40.650Z	2.14E-01	3.88E+00	-5.22E+00	0
2023-01-17T13:44:31.125Z	-9.49E-02	3.93E+00	-4.46E+00	0
2023-01-17T13:45:21.600Z	-2.36E-02	3.94E+00	-4.82E+00	0
2023-01-17T13:46:12.075Z	2.93E-01	3.92E+00	-4.58E+00	0
2023-01-17T13:47:02.550Z	4.27E-01	3.92E+00	-4.72E+00	0
2023-01-17T13:47:53.025Z	4.38E-01	3.95E+00	-4.32E+00	0
2023-01-17T13:48:43.500Z	2.28E-01	4.02E+00	-4.47E+00	0
2023-01-17T13:49:33.975Z	-2.71E-01	4.09E+00	-4.80E+00	0
2023-01-17T13:50:24.450Z	-5.00E-01	4.12E+00	-4.42E+00	0
2023-01-17T13:51:14.925Z	-5.13E-01	4.14E+00	-4.82E+00	0
2023-01-17T13:52:05.400Z	-5.34E-01	4.17E+00	-4.96E+00	0
2023-01-17T13:52:55.875Z	-4.03E-01	4.20E+00	-4.28E+00	0
2023-01-17T13:53:46.350Z	-1.69E-01	4.22E+00	-4.20E+00	0
2023-01-17T13:54:36.825Z	1.36E-01	4.19E+00	-4.22E+00	0
2023-01-17T13:55:27.300Z	2.23E-01	4.21E+00	-4.60E+00	0
2023-01-17T13:56:17.775Z	1.91E-01	4.25E+00	-4.38E+00	0
2023-01-17T13:57:08.250Z	9.07E-02	4.30E+00	-4.70E+00	0
2023-01-17T13:57:58.725Z	7.89E-02	4.32E+00	-4.34E+00	0
2023-01-17T13:58:49.200Z	1.65E-02	4.36E+00	-4.98E+00	0
2023-01-17T13:59:39.675Z	-1.17E-01	4.39E+00	-4.88E+00	0
2023-01-17T14:00:30.150Z	-1.27E-01	4.40E+00	-4.54E+00	0
2023-01-17T14:01:20.625Z	-1.40E-01	4.43E+00	-4.80E+00	0
2023-01-17T14:02:11.100Z	-1.81E-01	4.45E+00	-4.48E+00	0
2023-01-17T14:03:01.575Z	-1.73E-01	4.47E+00	-4.66E+00	0
2023-01-17T14:03:52.050Z	-1.62E-01	4.50E+00	-4.62E+00	0
2023-01-17T14:04:42.525Z	-1.44E-01	4.53E+00	-4.38E+00	0
2023-01-17T14:05:33.000Z	-2.19E-01	4.55E+00	-4.17E+00	0
2023-01-17T14:06:23.475Z	-3.64E-01	4.59E+00	-4.82E+00	0
2023-01-17T14:07:13.950Z	-3.73E-01	4.62E+00	-4.94E+00	0
2023-01-17T14:08:04.425Z	-2.90E-01	4.64E+00	-4.78E+00	0
2023-01-17T14:08:54.900Z	-1.45E-01	4.66E+00	-4.20E+00	0
2023-01-17T14:09:45.375Z	-1.42E-01	4.68E+00	-5.20E+00	0
2023-01-17T14:10:35.850Z	-2.47E-01	4.71E+00	-4.44E+00	0
2023-01-17T14:11:26.325Z	-3.30E-01	4.73E+00	-4.42E+00	0
2023-01-17T14:12:16.800Z	-3.25E-01	4.77E+00	-4.34E+00	0
2023-01-17T14:13:07.275Z	-2.04E-01	4.78E+00	-4.34E+00	0
2023-01-17T14:13:57.750Z	-1.54E-01	4.80E+00	-3.92E+00	0
2023-01-17T14:14:48.225Z	-1.26E-01	4.82E+00	-4.40E+00	0
2023-01-17T14:15:38.700Z	-4.44E-02	4.84E+00	-4.74E+00	0
2023-01-17T14:16:29.175Z	-1.13E-02	4.85E+00	-4.20E+00	0

2023-01-17T14:17:19.650Z	7.54E-02	4.86E+00	-4.86E+00	0
2023-01-17T14:18:10.125Z	1.29E-01	4.87E+00	-4.32E+00	0
2023-01-17T14:19:00.600Z	1.86E-01	4.88E+00	-4.98E+00	0
2023-01-17T14:19:51.075Z	2.23E-01	4.90E+00	-4.46E+00	0
2023-01-17T14:20:41.550Z	2.23E-01	4.93E+00	-3.98E+00	0
2023-01-17T14:21:32.025Z	9.64E-02	4.97E+00	-4.42E+00	0
2023-01-17T14:22:22.500Z	-4.78E-02	5.01E+00	-4.36E+00	0
2023-01-17T14:23:12.975Z	-6.80E-02	5.02E+00	-4.58E+00	0
2023-01-17T14:24:03.450Z	-1.38E-01	5.05E+00	-4.36E+00	0
2023-01-17T14:24:53.925Z	-2.65E-01	5.06E+00	-4.48E+00	0
2023-01-17T14:25:44.400Z	-3.64E-01	5.08E+00	-4.40E+00	0
2023-01-17T14:26:34.875Z	-3.08E-01	5.11E+00	-4.40E+00	0
2023-01-17T14:27:25.350Z	-3.03E-01	5.12E+00	-4.26E+00	0
2023-01-17T14:28:15.825Z	-2.78E-01	5.13E+00	-5.00E+00	0
2023-01-17T14:29:06.300Z	-1.33E-01	5.14E+00	-4.82E+00	0
2023-01-17T14:29:56.775Z	-7.54E-02	5.16E+00	-4.22E+00	0
2023-01-17T14:30:47.250Z	-4.87E-02	5.18E+00	-4.30E+00	0
2023-01-17T14:31:37.725Z	-1.35E-02	5.18E+00	-4.08E+00	0
2023-01-17T14:32:28.200Z	2.74E-03	5.20E+00	-4.70E+00	0
2023-01-17T14:33:18.675Z	8.61E-03	5.22E+00	-4.28E+00	0
2023-01-17T14:34:09.150Z	-5.87E-02	5.25E+00	-4.98E+00	0
2023-01-17T14:34:59.625Z	-1.41E-01	5.26E+00	-4.06E+00	0
2023-01-17T14:35:50.100Z	-1.68E-01	5.27E+00	-4.88E+00	0
2023-01-17T14:36:40.575Z	-1.62E-01	5.30E+00	-4.32E+00	0
2023-01-17T14:37:31.050Z	-1.68E-01	5.31E+00	-4.32E+00	0
2023-01-17T14:38:21.525Z	-1.00E-01	5.32E+00	-4.42E+00	0
2023-01-17T14:39:12.000Z	-1.27E-01	5.33E+00	-4.16E+00	0
2023-01-17T14:40:02.475Z	-8.91E-02	5.35E+00	-4.00E+00	0
2023-01-17T14:40:52.950Z	1.67E-02	5.36E+00	-4.38E+00	0
2023-01-17T14:41:43.425Z	-9.39E-03	5.38E+00	-4.40E+00	0
2023-01-17T14:42:33.900Z	-1.02E-01	5.40E+00	-4.02E+00	0
2023-01-17T14:43:24.375Z	-4.68E-02	5.43E+00	-4.30E+00	0
2023-01-17T14:44:14.850Z	3.30E-02	5.44E+00	-4.66E+00	0
2023-01-17T14:45:05.325Z	2.62E-02	5.46E+00	-4.24E+00	0
2023-01-17T14:45:55.800Z	-1.05E-01	5.49E+00	-4.68E+00	0
2023-01-17T14:46:46.275Z	-1.20E-01	5.51E+00	-4.42E+00	0
2023-01-17T14:47:36.750Z	-1.86E-01	5.53E+00	-4.44E+00	0
2023-01-17T14:48:27.225Z	-2.73E-01	5.56E+00	-4.14E+00	0
2023-01-17T14:49:17.700Z	-2.24E-01	5.57E+00	-4.36E+00	0
2023-01-17T14:50:08.175Z	-8.48E-02	5.60E+00	-4.72E+00	0
2023-01-17T14:50:58.650Z	3.81E-02	5.61E+00	-4.08E+00	0
2023-01-17T14:51:49.125Z	1.42E-01	5.61E+00	-4.22E+00	0
2023-01-17T14:52:39.600Z	2.12E-01	5.63E+00	-4.62E+00	0
2023-01-17T14:53:30.075Z	3.15E-01	5.64E+00	-3.98E+00	0
2023-01-17T14:54:20.550Z	4.81E-01	5.63E+00	-4.18E+00	0
2023-01-17T14:55:11.025Z	5.99E-01	5.65E+00	-3.94E+00	0
2023-01-17T14:56:01.500Z	6.64E-01	5.66E+00	-4.34E+00	0
2023-01-17T14:56:51.975Z	7.28E-01	5.69E+00	-4.24E+00	0
2023-01-17T14:57:42.450Z	8.01E-01	5.71E+00	-3.96E+00	0
2023-01-17T14:58:32.925Z	8.55E-01	5.74E+00	-3.82E+00	0
2023-01-17T14:59:23.400Z	8.87E-01	5.76E+00	-4.46E+00	0
2023-01-17T15:00:13.875Z	8.88E-01	5.79E+00	-4.04E+00	0
2023-01-17T15:01:04.350Z	8.67E-01	5.83E+00	-4.52E+00	0
2023-01-17T15:01:54.825Z	8.31E-01	5.85E+00	-4.20E+00	0
2023-01-17T15:02:45.300Z	8.19E-01	5.88E+00	-3.92E+00	0
2023-01-17T15:03:35.775Z	7.96E-01	5.91E+00	-4.90E+00	0
2023-01-17T15:04:26.250Z	7.74E-01	5.94E+00	-4.46E+00	0
2023-01-17T15:05:16.725Z	7.51E-01	5.97E+00	-4.20E+00	0
2023-01-17T15:06:07.200Z	7.38E-01	6.00E+00	-3.62E+00	0
2023-01-17T15:06:57.675Z	7.21E-01	6.04E+00	-4.28E+00	0
2023-01-17T15:07:48.150Z	6.83E-01	6.07E+00	-4.22E+00	0
2023-01-17T15:08:38.625Z	6.49E-01	6.11E+00	-3.78E+00	0

2023-01-17T15:09:29.100Z	6.11E-01	6.14E+00	-4.38E+00	0
2023-01-17T15:10:19.575Z	5.51E-01	6.18E+00	-3.82E+00	0
2023-01-17T15:11:10.050Z	6.05E-01	6.19E+00	-3.54E+00	0
2023-01-17T15:12:00.525Z	5.84E-01	6.24E+00	-3.66E+00	0
2023-01-17T15:12:51.000Z	5.91E-01	6.27E+00	-4.16E+00	0
2023-01-17T15:13:41.475Z	5.42E-01	6.30E+00	-4.36E+00	0
2023-01-17T15:14:31.950Z	5.00E-01	6.34E+00	-4.00E+00	0
2023-01-17T15:15:22.425Z	4.70E-01	6.37E+00	-4.16E+00	0
2023-01-17T15:16:12.900Z	4.38E-01	6.41E+00	-3.72E+00	0
2023-01-17T15:17:03.375Z	3.94E-01	6.46E+00	-4.16E+00	0
2023-01-17T15:17:53.850Z	3.21E-01	6.50E+00	-4.06E+00	0
2023-01-17T15:18:44.325Z	2.70E-01	6.54E+00	-4.20E+00	0
2023-01-17T15:19:34.800Z	2.44E-01	6.56E+00	-3.80E+00	0
2023-01-17T15:20:25.275Z	3.08E-01	6.58E+00	-3.78E+00	0
2023-01-17T15:21:15.750Z	2.96E-01	6.62E+00	-4.42E+00	0
2023-01-17T15:22:06.225Z	3.79E-01	6.62E+00	-3.68E+00	0
2023-01-17T15:22:56.700Z	4.27E-01	6.64E+00	-4.06E+00	0
2023-01-17T15:23:47.175Z	4.58E-01	6.66E+00	-3.98E+00	0
2023-01-17T15:24:37.650Z	5.14E-01	6.68E+00	-4.08E+00	0
2023-01-17T15:25:28.125Z	4.97E-01	6.70E+00	-3.70E+00	0
2023-01-17T15:26:18.600Z	5.09E-01	6.74E+00	-4.16E+00	0
2023-01-17T15:27:09.075Z	5.01E-01	6.76E+00	-4.44E+00	0
2023-01-17T15:27:59.550Z	5.00E-01	6.77E+00	-4.52E+00	0
2023-01-17T15:28:50.025Z	4.91E-01	6.81E+00	-3.66E+00	0
2023-01-17T15:29:40.500Z	4.68E-01	6.84E+00	-3.64E+00	0
2023-01-17T15:30:30.975Z	3.76E-01	6.87E+00	-4.26E+00	0
2023-01-17T15:31:21.450Z	2.90E-01	6.92E+00	-3.32E+00	0
2023-01-17T15:32:11.925Z	2.64E-01	6.94E+00	-3.87E+00	0
2023-01-17T15:33:02.400Z	3.13E-01	6.96E+00	-4.36E+00	0
2023-01-17T15:33:52.875Z	2.88E-01	6.99E+00	-3.66E+00	0
2023-01-17T15:34:43.350Z	2.25E-01	7.04E+00	-4.32E+00	0
2023-01-17T15:35:33.825Z	1.50E-01	7.07E+00	-3.82E+00	0
2023-01-17T15:36:24.300Z	1.42E-01	7.07E+00	-3.82E+00	0
2023-01-17T15:37:14.775Z	3.22E-01	7.09E+00	-4.42E+00	0
2023-01-17T15:38:05.250Z	3.78E-01	7.11E+00	-4.06E+00	0
2023-01-17T15:38:55.725Z	3.74E-01	7.13E+00	-3.50E+00	0
2023-01-17T15:39:46.200Z	3.28E-01	7.17E+00	-3.60E+00	0
2023-01-17T15:40:36.675Z	2.51E-01	7.22E+00	-3.60E+00	0
2023-01-17T15:41:27.150Z	2.20E-01	7.23E+00	-3.88E+00	0
2023-01-17T15:42:17.625Z	2.52E-01	7.27E+00	-3.78E+00	0
2023-01-17T15:43:08.100Z	1.65E-01	7.30E+00	-3.92E+00	0
2023-01-17T15:43:58.575Z	7.42E-02	7.34E+00	-4.54E+00	0
2023-01-17T15:44:49.050Z	2.47E-02	7.36E+00	-3.46E+00	0
2023-01-17T15:45:39.525Z	8.08E-02	7.38E+00	-3.54E+00	0
2023-01-17T15:46:30.000Z	-1.74E-02	7.40E+00	-4.08E+00	0
2023-01-17T15:47:20.475Z	1.77E-01	7.43E+00	-3.40E+00	0
2023-01-17T15:48:10.950Z	1.27E-01	7.45E+00	-3.88E+00	0
2023-01-17T15:49:01.425Z	2.15E-01	7.47E+00	-3.40E+00	0
2023-01-17T15:49:51.900Z	3.40E-01	7.49E+00	-3.52E+00	0
2023-01-17T15:50:42.375Z	3.64E-01	7.51E+00	-3.72E+00	0
2023-01-17T15:51:32.850Z	3.74E-01	7.54E+00	-4.46E+00	0
2023-01-17T15:52:23.325Z	3.76E-01	7.56E+00	-3.74E+00	0
2023-01-17T15:53:13.800Z	3.43E-01	7.59E+00	-3.52E+00	0
2023-01-17T15:54:04.275Z	3.18E-01	7.62E+00	-3.96E+00	0
2023-01-17T15:54:54.750Z	2.88E-01	7.65E+00	-3.62E+00	0
2023-01-17T15:55:45.225Z	2.95E-01	7.65E+00	-3.70E+00	0
2023-01-17T15:56:35.700Z	3.21E-01	7.69E+00	-3.76E+00	0
2023-01-17T15:57:26.175Z	3.08E-01	7.72E+00	-4.28E+00	0
2023-01-17T15:58:16.650Z	3.04E-01	7.75E+00	-3.80E+00	0
2023-01-17T15:59:07.125Z	2.25E-01	7.75E+00	-3.60E+00	0
2023-01-17T15:59:57.600Z	2.59E-01	7.79E+00	-3.70E+00	0
2023-01-17T16:00:48.075Z	2.52E-01	7.81E+00	-3.32E+00	0

2023-01-17T16:01:38.550Z	1.99E-01	7.84E+00	-4.02E+00	0
2023-01-17T16:02:29.025Z	3.39E-01	7.84E+00	-3.70E+00	0
2023-01-17T16:03:19.500Z	3.90E-01	7.86E+00	-4.02E+00	0
2023-01-17T16:04:09.975Z	3.88E-01	7.90E+00	-4.20E+00	0
2023-01-17T16:05:00.450Z	3.87E-01	7.92E+00	-3.92E+00	0
2023-01-17T16:05:50.925Z	3.88E-01	7.94E+00	-3.54E+00	0
2023-01-17T16:06:41.400Z	3.93E-01	7.95E+00	-3.66E+00	0
2023-01-17T16:07:31.875Z	3.94E-01	7.98E+00	-3.87E+00	0
2023-01-17T16:08:22.350Z	3.87E-01	8.01E+00	-3.82E+00	0
2023-01-17T16:09:12.825Z	3.40E-01	8.03E+00	-3.88E+00	0
2023-01-17T16:10:03.300Z	2.40E-01	8.08E+00	-3.70E+00	0
2023-01-17T16:10:53.775Z	1.79E-01	8.12E+00	-3.06E+00	0
2023-01-17T16:11:44.250Z	1.74E-01	8.13E+00	-3.44E+00	0
2023-01-17T16:12:34.725Z	1.68E-01	8.16E+00	-3.44E+00	0
2023-01-17T16:13:25.200Z	2.30E-01	8.15E+00	-4.12E+00	0
2023-01-17T16:14:15.675Z	1.47E-01	8.18E+00	-3.66E+00	0
2023-01-17T16:15:06.150Z	2.17E-01	8.20E+00	-4.20E+00	0
2023-01-17T16:15:56.625Z	1.52E-01	8.25E+00	-3.70E+00	0
2023-01-17T16:16:47.100Z	1.46E-01	8.26E+00	-3.74E+00	0
2023-01-17T16:17:37.575Z	1.16E-01	8.26E+00	-3.50E+00	0
2023-01-17T16:18:28.050Z	3.17E-02	8.33E+00	-3.20E+00	0
2023-01-17T16:19:18.525Z	1.72E-01	8.33E+00	-3.48E+00	0
2023-01-17T16:20:09.000Z	2.11E-01	8.35E+00	-3.68E+00	0
2023-01-17T16:20:59.475Z	2.81E-01	8.36E+00	-3.62E+00	0
2023-01-17T16:21:49.950Z	2.01E-01	8.40E+00	-3.14E+00	0
2023-01-17T16:22:40.425Z	2.02E-01	8.41E+00	-4.00E+00	0
2023-01-17T16:23:30.900Z	6.93E-02	8.43E+00	-3.84E+00	0
2023-01-17T16:24:21.375Z	3.05E-02	8.44E+00	-3.40E+00	0
2023-01-17T16:25:11.850Z	-1.65E-01	8.48E+00	-3.68E+00	0
2023-01-17T16:26:02.325Z	-1.29E-01	8.47E+00	-3.20E+00	0
2023-01-17T16:26:52.800Z	-1.19E-01	8.51E+00	-3.08E+00	0
2023-01-17T16:27:43.275Z	-1.85E-01	8.56E+00	-3.42E+00	0
2023-01-17T16:28:33.750Z	-6.80E-03	8.58E+00	-3.74E+00	0
2023-01-17T16:29:24.225Z	6.27E-02	8.62E+00	-3.20E+00	0
2023-01-17T16:30:14.700Z	9.02E-02	8.64E+00	-3.42E+00	0
2023-01-17T16:31:05.175Z	8.40E-02	8.67E+00	-3.38E+00	0
2023-01-17T16:31:55.650Z	3.71E-02	8.70E+00	-3.36E+00	0
2023-01-17T16:32:46.125Z	-1.52E-02	8.72E+00	-3.64E+00	0
2023-01-17T16:33:36.600Z	-4.64E-03	8.74E+00	-3.14E+00	0
2023-01-17T16:34:27.075Z	-4.32E-02	8.74E+00	-3.36E+00	0
2023-01-17T16:35:17.550Z	-4.48E-02	8.76E+00	-3.34E+00	0
2023-01-17T16:36:08.025Z	-6.89E-02	8.79E+00	-3.36E+00	0
2023-01-17T16:36:58.500Z	-1.22E-01	8.80E+00	-3.24E+00	0
2023-01-17T16:37:48.975Z	7.57E-03	8.80E+00	-2.92E+00	0
2023-01-17T16:38:39.450Z	8.05E-02	8.85E+00	-3.80E+00	0
2023-01-17T16:39:29.925Z	3.01E-02	8.90E+00	-3.58E+00	0
2023-01-17T16:40:20.400Z	4.62E-02	8.91E+00	-3.56E+00	0
2023-01-17T16:41:10.875Z	1.90E-01	8.95E+00	-3.58E+00	0
2023-01-17T16:42:01.350Z	2.30E-01	8.96E+00	-3.54E+00	0
2023-01-17T16:42:51.825Z	2.18E-01	8.98E+00	-3.23E+00	0
2023-01-17T16:43:42.300Z	2.59E-01	9.00E+00	-3.10E+00	0
2023-01-17T16:44:32.775Z	2.83E-01	9.00E+00	-3.24E+00	0
2023-01-17T16:45:23.250Z	3.05E-01	9.03E+00	-3.10E+00	0
2023-01-17T16:46:13.725Z	3.26E-01	9.05E+00	-3.38E+00	0
2023-01-17T16:47:04.200Z	2.83E-01	9.08E+00	-3.04E+00	0
2023-01-17T16:47:54.675Z	1.52E-01	9.09E+00	-3.76E+00	0
2023-01-17T16:48:45.150Z	-4.35E-02	9.13E+00	-3.84E+00	0
2023-01-17T16:49:35.625Z	1.67E-02	9.16E+00	-3.46E+00	0
2023-01-17T16:50:26.100Z	1.87E-01	9.15E+00	-3.62E+00	0
2023-01-17T16:51:16.575Z	2.94E-01	9.19E+00	-3.02E+00	0
2023-01-17T16:52:07.050Z	3.39E-01	9.21E+00	-3.40E+00	0
2023-01-17T16:52:57.525Z	3.01E-01	9.23E+00	-3.24E+00	0

2023-01-17T16:53:48.000Z	2.45E-01	9.24E+00	-3.38E+00	0
2023-01-17T16:54:38.475Z	2.21E-01	9.27E+00	-2.78E+00	0
2023-01-17T16:55:28.950Z	1.46E-01	9.29E+00	-2.74E+00	0
2023-01-17T16:56:19.425Z	6.94E-03	9.32E+00	-3.08E+00	0
2023-01-17T16:57:09.900Z	-3.05E-03	9.36E+00	-2.74E+00	0
2023-01-17T16:58:00.375Z	1.37E-01	9.40E+00	-3.00E+00	0
2023-01-17T16:58:50.850Z	1.05E-01	9.43E+00	-3.06E+00	0
2023-01-17T16:59:41.325Z	1.01E-01	9.46E+00	-3.20E+00	0
2023-01-17T17:00:31.800Z	6.75E-02	9.47E+00	-3.20E+00	0
2023-01-17T17:01:22.275Z	4.64E-02	9.53E+00	-3.04E+00	0
2023-01-17T17:02:12.750Z	8.42E-02	9.57E+00	-3.74E+00	0
2023-01-17T17:03:03.225Z	1.86E-02	9.57E+00	-2.74E+00	0
2023-01-17T17:03:53.700Z	1.13E-02	9.58E+00	-2.98E+00	0
2023-01-17T17:04:44.175Z	-4.98E-02	9.65E+00	-2.86E+00	0
2023-01-17T17:05:34.650Z	8.18E-03	9.67E+00	-3.52E+00	0
2023-01-17T17:06:25.125Z	2.04E-02	9.63E+00	-3.58E+00	0
2023-01-17T17:07:15.600Z	1.48E-01	9.75E+00	-3.48E+00	0
2023-01-17T17:08:06.075Z	1.39E-01	9.78E+00	-3.66E+00	0
2023-01-17T17:08:56.550Z	1.11E-01	9.81E+00	-2.85E+00	0
2023-01-17T17:09:47.025Z	2.54E-01	9.80E+00	-2.56E+00	0
2023-01-17T17:10:37.500Z	8.55E-03	9.86E+00	-3.10E+00	0
2023-01-17T17:11:27.975Z	1.47E-03	9.89E+00	-3.70E+00	0
2023-01-17T17:12:18.450Z	2.05E-01	9.92E+00	-3.26E+00	0
2023-01-17T17:13:08.925Z	5.10E-02	9.95E+00	-3.20E+00	0
2023-01-17T17:13:59.400Z	9.56E-03	9.96E+00	-3.24E+00	0
2023-01-17T17:14:49.875Z	9.07E-02	1.00E+01	-2.90E+00	0
2023-01-17T17:15:40.350Z	2.70E-01	1.00E+01	-3.00E+00	0
2023-01-17T17:16:30.825Z	2.63E-01	1.01E+01	-3.22E+00	0
2023-01-17T17:17:21.300Z	1.42E-01	1.01E+01	-3.74E+00	0
2023-01-17T17:18:11.775Z	9.22E-02	1.02E+01	-3.25E+00	0
2023-01-17T17:19:02.250Z	1.93E-01	1.02E+01	-3.00E+00	0
2023-01-17T17:19:52.725Z	4.49E-02	1.02E+01	-3.48E+00	0
2023-01-17T17:20:43.200Z	5.10E-03	1.02E+01	-3.08E+00	0
2023-01-17T17:21:33.675Z	-2.76E-02	1.03E+01	-2.98E+00	0
2023-01-17T17:22:24.150Z	-1.42E-01	1.03E+01	-3.48E+00	0
2023-01-17T17:23:14.625Z	-3.44E-02	1.03E+01	-2.94E+00	0
2023-01-17T17:24:05.100Z	-2.24E-02	1.04E+01	-3.16E+00	0
2023-01-17T17:24:55.575Z	8.46E-02	1.04E+01	-2.98E+00	0
2023-01-17T17:25:46.050Z	4.51E-02	1.04E+01	-2.72E+00	0
2023-01-17T17:26:36.525Z	1.96E-01	1.05E+01	-3.06E+00	0
2023-01-17T17:27:27.000Z	1.66E-01	1.05E+01	-3.34E+00	0
2023-01-17T17:28:17.475Z	1.75E-01	1.05E+01	-3.68E+00	0
2023-01-17T17:29:07.950Z	2.56E-01	1.06E+01	-3.42E+00	0
2023-01-17T17:29:58.425Z	2.76E-01	1.06E+01	-3.40E+00	0
2023-01-17T17:30:48.900Z	3.32E-01	1.07E+01	-3.42E+00	0
2023-01-17T17:31:39.375Z	3.16E-01	1.07E+01	-2.60E+00	0
2023-01-17T17:32:29.850Z	3.03E-01	1.07E+01	-3.14E+00	0
2023-01-17T17:33:20.325Z	2.81E-01	1.08E+01	-3.14E+00	0
2023-01-17T17:34:10.800Z	3.12E-01	1.08E+01	-2.64E+00	0
2023-01-17T17:35:01.275Z	3.17E-01	1.08E+01	-3.48E+00	0
2023-01-17T17:35:51.750Z	3.47E-01	1.08E+01	-2.50E+00	0
2023-01-17T17:36:42.225Z	3.10E-01	1.09E+01	-2.42E+00	0
2023-01-17T17:37:32.700Z	3.95E-01	1.09E+01	-3.36E+00	0
2023-01-17T17:38:23.175Z	4.24E-01	1.10E+01	-3.36E+00	0
2023-01-17T17:39:13.650Z	3.48E-01	1.10E+01	-2.82E+00	0
2023-01-17T17:40:04.125Z	2.34E-01	1.11E+01	-3.16E+00	0
2023-01-17T17:40:54.600Z	1.08E-01	1.11E+01	-3.00E+00	0
2023-01-17T17:41:45.075Z	1.58E-01	1.11E+01	-2.42E+00	0
2023-01-17T17:42:35.550Z	2.13E-02	1.12E+01	-3.08E+00	0
2023-01-17T17:43:26.025Z	-2.66E-02	1.12E+01	-2.02E+00	0
2023-01-17T17:44:16.500Z	-2.92E-02	1.13E+01	-2.88E+00	0
2023-01-17T17:45:06.975Z	-6.59E-02	1.13E+01	-2.74E+00	0

2023-01-17T17:45:57.450Z	-4.75E-02	1.14E+01	-3.04E+00	0
2023-01-17T17:46:47.925Z	1.26E-01	1.14E+01	-2.96E+00	0
2023-01-17T17:47:38.400Z	1.66E-01	1.14E+01	-2.56E+00	0
2023-01-17T17:48:28.875Z	-1.32E-02	1.15E+01	-2.38E+00	0
2023-01-17T17:49:19.350Z	2.23E-01	1.15E+01	-2.48E+00	0
2023-01-17T17:50:09.825Z	3.20E-01	1.16E+01	-3.02E+00	0
2023-01-17T17:51:00.300Z	3.18E-01	1.16E+01	-2.56E+00	0
2023-01-17T17:51:50.775Z	3.50E-01	1.16E+01	-2.38E+00	0
2023-01-17T17:52:41.250Z	2.30E-01	1.17E+01	-2.70E+00	0
2023-01-17T17:53:31.725Z	6.93E-02	1.17E+01	-2.58E+00	0
2023-01-17T17:54:22.200Z	2.52E-01	1.18E+01	-3.54E+00	0
2023-01-17T17:55:12.675Z	3.55E-01	1.18E+01	-2.48E+00	0
2023-01-17T17:56:03.150Z	3.21E-01	1.18E+01	-2.50E+00	0
2023-01-17T17:56:53.625Z	2.61E-01	1.19E+01	-3.08E+00	0
2023-01-17T17:57:44.100Z	3.22E-01	1.19E+01	-2.66E+00	0
2023-01-17T17:58:34.575Z	3.47E-01	1.19E+01	-3.32E+00	0
2023-01-17T17:59:25.050Z	3.27E-01	1.20E+01	-2.78E+00	0
2023-01-17T18:00:15.525Z	3.33E-01	1.20E+01	-2.66E+00	0
2023-01-17T18:01:06.000Z	3.48E-01	1.20E+01	-2.54E+00	0
2023-01-17T18:01:56.475Z	4.64E-01	1.20E+01	-2.72E+00	0
2023-01-17T18:02:46.950Z	4.38E-01	1.21E+01	-2.60E+00	0
2023-01-17T18:03:37.425Z	4.47E-01	1.21E+01	-2.60E+00	0
2023-01-17T18:04:27.900Z	4.71E-01	1.21E+01	-2.84E+00	0
2023-01-17T18:05:18.375Z	4.46E-01	1.22E+01	-2.88E+00	0
2023-01-17T18:06:08.850Z	4.33E-01	1.22E+01	-2.76E+00	0
2023-01-17T18:06:59.325Z	3.80E-01	1.22E+01	-2.52E+00	0
2023-01-17T18:07:49.800Z	4.26E-01	1.22E+01	-2.84E+00	0
2023-01-17T18:08:40.275Z	3.70E-01	1.22E+01	-2.72E+00	0
2023-01-17T18:09:30.750Z	3.37E-01	1.23E+01	-2.84E+00	0
2023-01-17T18:10:21.225Z	2.95E-01	1.24E+01	-2.46E+00	0
2023-01-17T18:11:11.700Z	3.26E-01	1.24E+01	-3.13E+00	0
2023-01-17T18:12:02.175Z	9.79E-02	1.24E+01	-2.36E+00	0
2023-01-17T18:12:52.650Z	-6.25E-03	1.24E+01	-2.20E+00	0
2023-01-17T18:13:43.125Z	7.42E-02	1.24E+01	-2.52E+00	0
2023-01-17T18:14:33.600Z	2.85E-01	1.25E+01	-3.10E+00	0
2023-01-17T18:15:24.075Z	1.28E-01	1.26E+01	-2.82E+00	0
2023-01-17T18:16:14.550Z	3.12E-01	1.26E+01	-3.06E+00	0
2023-01-17T18:17:05.025Z	2.29E-01	1.26E+01	-2.20E+00	0
2023-01-17T18:17:55.500Z	1.10E-01	1.26E+01	-2.66E+00	0
2023-01-17T18:18:45.975Z	1.49E-01	1.26E+01	-2.12E+00	0
2023-01-17T18:19:36.450Z	3.04E-01	1.27E+01	-2.64E+00	0
2023-01-17T18:20:26.925Z	3.89E-01	1.28E+01	-2.04E+00	0
2023-01-17T18:21:17.400Z	3.17E-01	1.28E+01	-3.08E+00	0
2023-01-17T18:22:07.875Z	2.34E-01	1.28E+01	-2.20E+00	0
2023-01-17T18:22:58.350Z	3.92E-01	1.28E+01	-3.06E+00	0
2023-01-17T18:23:48.825Z	3.79E-01	1.28E+01	-3.46E+00	0
2023-01-17T18:24:39.300Z	4.76E-01	1.28E+01	-2.96E+00	0
2023-01-17T18:25:29.775Z	5.75E-01	1.29E+01	-2.28E+00	0
2023-01-17T18:26:20.250Z	5.11E-01	1.29E+01	-3.00E+00	0
2023-01-17T18:27:10.725Z	4.86E-01	1.29E+01	-2.00E+00	0
2023-01-17T18:28:01.200Z	6.38E-01	1.29E+01	-2.44E+00	0
2023-01-17T18:28:51.675Z	5.96E-01	1.30E+01	-2.27E+00	0
2023-01-17T18:29:42.150Z	6.20E-01	1.30E+01	-2.44E+00	0
2023-01-17T18:30:32.625Z	5.09E-01	1.30E+01	-2.62E+00	0
2023-01-17T18:31:23.100Z	3.17E-01	1.31E+01	-3.08E+00	0
2023-01-17T18:32:13.575Z	2.30E-01	1.31E+01	-2.26E+00	0
2023-01-17T18:33:04.050Z	3.08E-01	1.31E+01	-1.96E+00	0
2023-01-17T18:33:54.525Z	1.84E-01	1.31E+01	-2.20E+00	0
2023-01-17T18:34:45.000Z	2.40E-01	1.32E+01	-2.54E+00	0
2023-01-17T18:35:35.475Z	2.76E-01	1.32E+01	-2.62E+00	0
2023-01-17T18:36:25.950Z	3.98E-01	1.32E+01	-2.56E+00	0
2023-01-17T18:37:16.425Z	5.41E-01	1.33E+01	-2.72E+00	0

2023-01-17T18:38:06.900Z	5.71E-01	1.33E+01	-2.44E+00	0
2023-01-17T18:38:57.375Z	3.36E-01	1.33E+01	-2.32E+00	0
2023-01-17T18:39:47.850Z	2.56E-01	1.33E+01	-3.28E+00	0
2023-01-17T18:40:38.325Z	3.84E-01	1.33E+01	-2.94E+00	0
2023-01-17T18:41:28.800Z	3.20E-01	1.33E+01	-2.30E+00	0
2023-01-17T18:42:19.275Z	2.22E-01	1.34E+01	-2.44E+00	0
2023-01-17T18:43:09.750Z	9.73E-02	1.34E+01	-2.40E+00	0
2023-01-17T18:44:00.225Z	3.23E-01	1.34E+01	-2.46E+00	0
2023-01-17T18:44:50.700Z	3.63E-01	1.34E+01	-2.04E+00	0
2023-01-17T18:45:41.175Z	3.42E-01	1.34E+01	-2.24E+00	0
2023-01-17T18:46:31.650Z	1.20E-01	1.34E+01	-2.20E+00	0
2023-01-17T18:47:22.125Z	7.45E-02	1.35E+01	-2.14E+00	0
2023-01-17T18:48:12.600Z	1.97E-01	1.35E+01	-2.58E+00	0
2023-01-17T18:49:03.075Z	6.51E-02	1.35E+01	-2.38E+00	0
2023-01-17T18:49:53.550Z	8.79E-02	1.36E+01	-2.96E+00	0
2023-01-17T18:50:44.025Z	1.31E-01	1.36E+01	-2.82E+00	0
2023-01-17T18:51:34.500Z	1.31E-01	1.36E+01	-3.04E+00	0
2023-01-17T18:52:24.975Z	1.47E-01	1.37E+01	-1.92E+00	0
2023-01-17T18:53:15.450Z	1.58E-01	1.37E+01	-1.76E+00	0
2023-01-17T18:54:05.925Z	2.59E-01	1.37E+01	-2.08E+00	0
2023-01-17T18:54:56.400Z	3.68E-01	1.37E+01	-2.02E+00	0
2023-01-17T18:55:46.875Z	4.07E-01	1.37E+01	-2.00E+00	0
2023-01-17T18:56:37.350Z	4.96E-01	1.38E+01	-2.38E+00	0
2023-01-17T18:57:27.825Z	3.91E-01	1.38E+01	-1.56E+00	0
2023-01-17T18:58:18.300Z	4.76E-01	1.37E+01	-2.04E+00	0
2023-01-17T18:59:08.775Z	3.16E-01	1.39E+01	-2.00E+00	0
2023-01-17T18:59:59.250Z	3.82E-01	1.39E+01	-2.38E+00	0
2023-01-17T19:00:49.725Z	2.85E-01	1.39E+01	-2.74E+00	0
2023-01-17T19:01:40.200Z	3.26E-01	1.39E+01	-2.10E+00	0
2023-01-17T19:02:30.675Z	3.59E-01	1.39E+01	-2.38E+00	0
2023-01-17T19:03:21.150Z	3.35E-01	1.39E+01	-2.20E+00	0
2023-01-17T19:04:11.625Z	3.29E-01	1.40E+01	-2.07E+00	0
2023-01-17T19:05:02.100Z	4.04E-01	1.40E+01	-2.16E+00	0
2023-01-17T19:05:52.575Z	5.49E-01	1.40E+01	-3.03E+00	0
2023-01-17T19:06:43.050Z	4.11E-01	1.40E+01	-2.25E+00	0
2023-01-17T19:07:33.525Z	2.75E-01	1.40E+01	-2.38E+00	0

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 182777

DEFINITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 182777
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

DEFINITIONS

The Orphan Well Mitigation Activity (OMA) forms are a subset of the OCD's forms exclusively designed for activities related to State of New Mexico's contracted plugging and reclamation activities. Specifically, these forms are used for orphan wells or associated facilities which are in a "Reclamation Fund Approved" status. This status represents wells or facilities where the OCD has acquired a hearing order allowing the OCD to perform plugging or reclamation on wells and associated facilities that no longer have a viable operator to perform the necessary work. These forms are not to be utilized for any other purpose.

District I

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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

QUESTIONS

Action 182777

QUESTIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 182777
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[248802] CANO PETRO OF NEW MEXICO, INC.
[API] Well Name and Number	[30-005-20598] CATO SAN ANDRES UNIT #196
Well Status	Reclamation Fund Approved

Monitoring Event Information

Please answer all the questions in this group.

Reason For Filing	Pre-Plug Methane Monitoring
Date of monitoring	01/17/2023
Latitude	33.56009
Longitude	-103.90145

Monitoring Event Details

Please answer all the questions in this group.

Flow rate in cubic meters per day (m³/day)	6.37
Test duration in hours (hr)	20.2
Average flow temperature in degrees Celsius (°C)	7.2
Average gauge flow pressure in kilopascals (kPag)	-3.9
Methane concentration in part per million (ppm)	499,130
Methane emission rate in grams per hour (g/hr)	73.39
Testing Method	Steady State

Monitoring Contractor

Please answer all the questions in this group.

Name of monitoring contractor	Well Done Foundation, Inc.
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