



Test Report

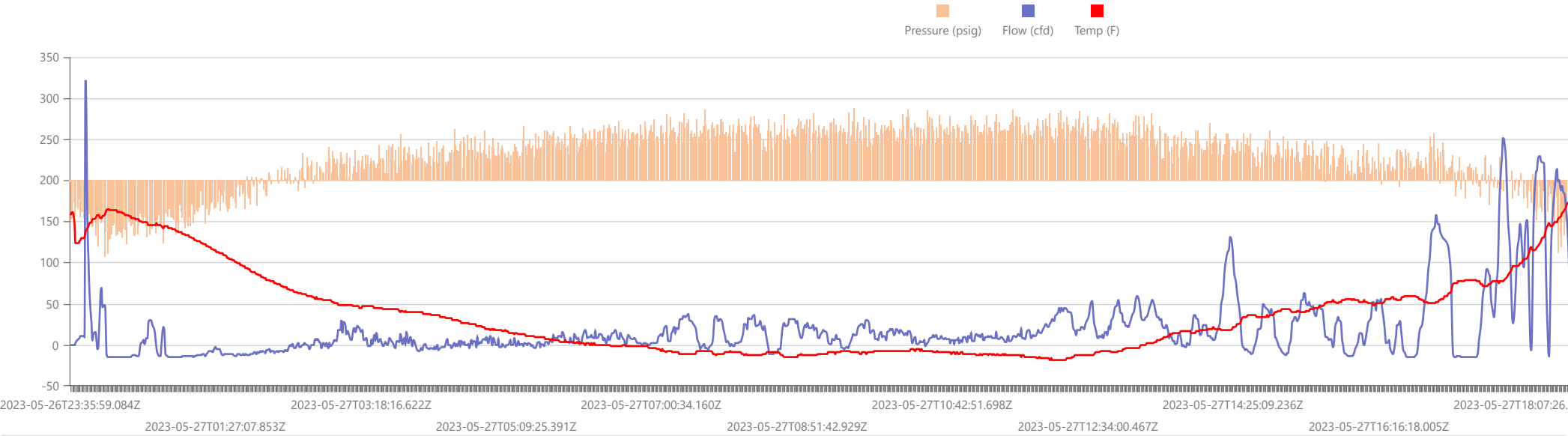
Start Date: Fri May 26 2023 23:36:32 GMT+0000 (Coordinated Universal Time) End Date: Sat May 27 2023 23:38:27 GMT+0000 (Coordinated Universal Time) Device: VB100-0054 Well Licensee: EMNRD OCD Well Name: Cato San Andres 069 UWI: 30-005-10586 Well License Number: 30-005-10586 Surface Location: CHAVES Bottom Hole Location: unknown	Test Operator: ces Authorized By: OCD Test Reason: IJJA PRE Plug Scope Of Work: 12-HOUR AFE Number: 52100-0000073108 GPS: 33.62529,-103.89598 Notes: Casing Prepared By: Curtis Shuck
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Flow / Pressure Test

Flow Duration 24 hrs 1 minutes Duration	Average Flowrate 23.2956 cfid	Average Pressure 0.0373 psig	Average Flow Temperature 76.4854 °F	Average CH4 Mass 1.62 g/hr
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Methane Calculation: 717 grams CH4 per cubic meter (717 g/m³ x 0.6597 m³/day = 473.00 g/day total /24 = 19.71 g/hour x 0.08239 (methane concentration) = **1.62 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilgram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 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 0.0448 *pound per cubic foot* [lb/ft³], or 0.0004144 *ounce per cubic inch* [oz/inch³].

Flow / Pressure / Temperature Timeseries



#	Date	Note
1	2023-06-29	ces: On location with WDF Measure 1 for Post Plugging Methane Testing. Perform Field Gas analysis. Collect gas sample for Laboratory analysis,. Place ribbon at well bore, Site photos. Secure location. WILDCAT OUT!
2	2023-05-28	ces: On location with WDF Measure 1. Stop active test. Rig down VBI-54. Secure location. WILDCAT OUT!
3	2023-05-27	ces: On location with WDF Measure1. Take site photos. Perform Field Gas Analysis. Collect Gas Samples for Pre Plug Laboratory analysis. Rig up VB100-54 for 12-hour test. Secure locaiton.





Test Report

Start Date: Friday, May 26th, 2023, 5:36 PM MDT
End Date: Saturday, May 27th, 2023, 5:38 PM MDT
Device: VB100-0054
Well Licensee: EMNRD OCD
Well Name: Cato San Andres 069
UWI: 30-005-10586
Well License Number: 30-005-10586
Surface Location: CHAVES
Bottom Hole Location: unknown

Test Operator: ces
Authorized By: OCD
Test Reason: IJJA PRE Plug
Scope Of Work: 12-HOUR
AFE Number: 52100-0000073108
GPS: 33.62529,-103.89598
Notes: Casing

Flow Test

Average Flowrate

0.6597

m3/d

Average Flow
Temperature**24.7**

°C

Average Flow
Pressure**0.3**

kPag

Flow Duration

24.0

hours

Methane Flow
Mass**1.6245**

gm/hour

Methane
Concentration: 8.243
%

Pressure Test

Maximum Shut-In Pressure

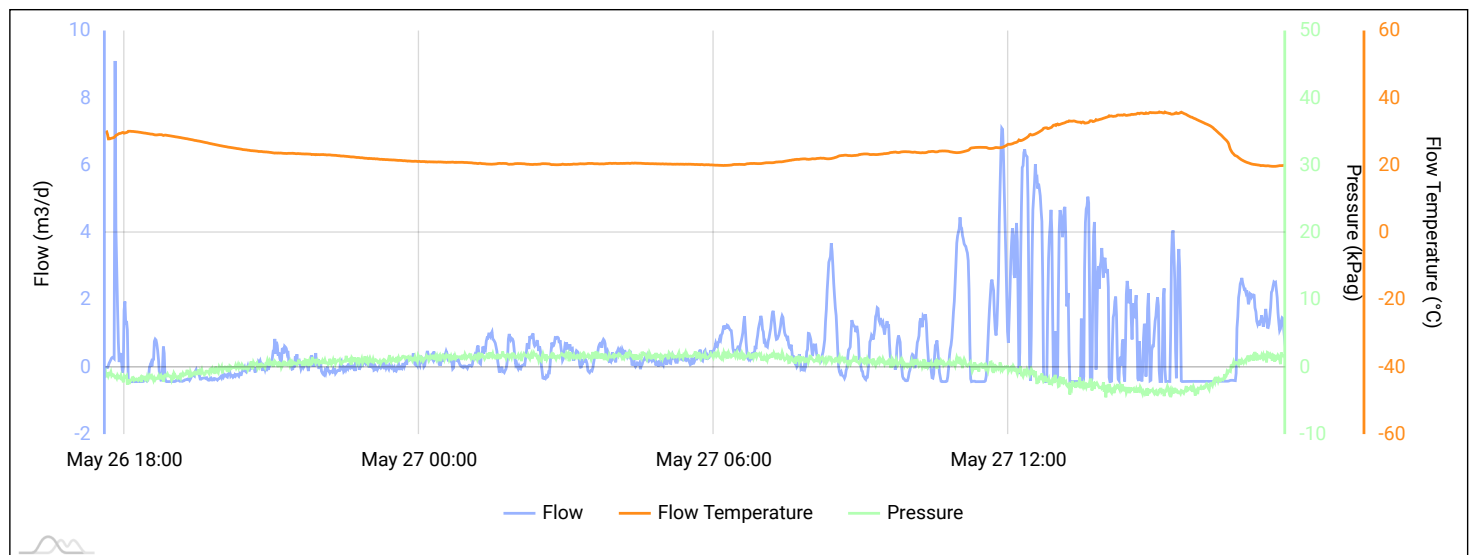
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Shut-in Pressure Duration

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 atmospheric vent gas meter. Since it is deployed into testing scenarios and conditions beyond our control, we are not liable for, or make warranties, as to the resultant test information.

Any conversions displayed of the resultant test flow rates into mass volume amounts of CH₄ or CO₂e have been calculated as per the direction and instruction from the Well Done Foundation and/or Well Done Montana to fulfill their reporting requirements. Any decisions, interpretations, or conclusions made from these computations are the sole responsibility of the User.

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C6+ Gas Analysis Report

17170G Sample Point Code	CSA #069 (Pre Plug) Sample Point Name	CSA #069 (Pre Plug) Sample Point Location	
Laboratory Services Source Laboratory	2023069952 Lab File No	BAG Container Identity	CES - Spot Sampler
USA District	USA Area Name	USA Field Name	New Mexico Facility Name
May 26, 2023 17:00 Date Sampled	May 26, 2023 17:00 Date Effective	Jun 8, 2023 07:09 Date Received	Jun 9, 2023 Date Reported
System Administrator			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Well Done Foundation Operator		NG Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	87.1200	87.119	
CO2 (CO2)	0.0530	0.053	
Methane (C1)	8.2430	8.243	
Ethane (C2)	1.9790	1.979	0.5290
Propane (C3)	1.1540	1.154	0.3180
I-Butane (IC4)	0.1580	0.158	0.0520
N-Butane (NC4)	0.3700	0.37	0.1170
I-Pentane (IC5)	0.0690	0.069	0.0250
N-Pentane (NC5)	0.0990	0.099	0.0360
Hexanes Plus (C6+)	0.7550	0.755	0.3280
TOTAL	100.0000	99.9990	1.4050

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:	Jun 5, 2023

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
210.7	208.000	211.2	208.5

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9666	0.9663
Molecular Weight	
27.9866	

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

Field H2S
0 PPM

PROTREND STATUS: Passed By Validator on Jun 12, 2023
DATA SOURCE: Imported

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

VALIDATOR:
Luis Cano

VALIDATOR COMMENTS:
OK

Source	Date	Notes
Luis Cano	Jun 12, 2023 9:16 am	Methane: 82,430 PPM

Well Done Foundation, Inc. / Ventbuster Test Data

Test ID: 64729477fb1dfdad548742a1
 Start Date: Fri May 26 2023 23:36:32 GMT+0000 (Coordinated Universal Time)
 End Date: Sat May 27 2023 23:38:27 GMT+0000 (Coordinated Universal Time)
 Device: VB100-0054
 Well Owner: Well Done Foundation Inc.
 Service Provider: Well Done Foundation Inc.
 Well Licensee: EMNRD OCD
 Well Name: Cato San Andres 069
 UWI: 30-005-10586
 Well License Number: 30-005-10586
 Surface Location: CHAVES
 Bottom Hole Location: unknown
 Test Operator: ces
 Authorized By: OCD
 Test Reason: IJIA PRE Plug
 Scope of Work: 12-HOUR
 AFE Number: 52100-0000073108
 GPS: 33.62529 -103.89598
 Notes: Casing
 Field Notes:

time	Flow_m3_per_day	Flow_Temperature_C	Pressure_kPag	Shut_in_Status_Mode
2023-05-26T23:35:59.084Z	-4.32E-04	2.99E+01	-5.00E-02	0
2023-05-26T23:36:59.163Z	-4.32E-04	3.00E+01	-1.30E+00	0
2023-05-26T23:37:59.242Z	-4.32E-04	3.01E+01	-1.27E+00	0
2023-05-26T23:38:59.321Z	2.02E-04	2.93E+01	-7.20E-01	0
2023-05-26T23:39:59.400Z	6.29E-02	2.80E+01	-1.22E+00	0
2023-05-26T23:40:59.479Z	1.35E-01	2.80E+01	-8.83E-01	0
2023-05-26T23:41:59.558Z	1.82E-01	2.80E+01	-9.50E-01	0
2023-05-26T23:42:59.637Z	2.36E-01	2.81E+01	-6.40E-01	0
2023-05-26T23:43:59.716Z	2.83E-01	2.82E+01	-1.22E+00	0
2023-05-26T23:44:59.795Z	3.02E-01	2.83E+01	-1.05E+00	0
2023-05-26T23:45:59.874Z	2.92E-01	2.83E+01	-1.07E+00	0
2023-05-26T23:46:59.953Z	2.67E-01	2.84E+01	-1.27E+00	0
2023-05-26T23:48:00.032Z	9.12E+00	2.87E+01	-1.47E+00	0
2023-05-26T23:49:00.111Z	4.15E+00	2.90E+01	-1.35E+00	0
2023-05-26T23:50:00.190Z	2.95E+00	2.91E+01	-1.60E+00	0
2023-05-26T23:51:00.269Z	1.77E+00	2.93E+01	-1.13E+00	0
2023-05-26T23:52:00.348Z	7.48E-01	2.94E+01	-1.35E+00	0
2023-05-26T23:53:00.427Z	1.62E-01	2.96E+01	-1.57E+00	0
2023-05-26T23:54:00.506Z	3.71E-01	2.96E+01	-1.52E+00	0
2023-05-26T23:55:00.585Z	4.27E-01	2.97E+01	-1.20E+00	0
2023-05-26T23:56:00.664Z	1.50E-01	2.98E+01	-1.87E+00	0
2023-05-26T23:57:00.743Z	-1.58E-01	2.99E+01	-1.45E+00	0
2023-05-26T23:58:00.822Z	1.42E-03	2.99E+01	-2.20E+00	0
2023-05-26T23:59:00.901Z	1.70E+00	2.97E+01	-1.27E+00	0
2023-05-27T00:00:00.980Z	1.96E+00	2.97E+01	-1.43E+00	0
2023-05-27T00:01:01.059Z	1.29E+00	2.98E+01	-1.37E+00	0
2023-05-27T00:02:01.138Z	1.38E+00	2.99E+01	-1.22E+00	0
2023-05-27T00:03:01.217Z	1.12E+00	3.00E+01	-2.57E+00	0
2023-05-27T00:04:01.296Z	-3.14E-01	3.02E+01	-1.73E+00	0
2023-05-27T00:05:01.375Z	-4.21E-01	3.03E+01	-2.47E+00	0
2023-05-27T00:06:01.454Z	-4.21E-01	3.02E+01	-2.02E+00	0
2023-05-27T00:07:01.533Z	-4.21E-01	3.03E+01	-1.98E+00	0
2023-05-27T00:08:01.612Z	-4.21E-01	3.02E+01	-1.80E+00	0
2023-05-27T00:09:01.691Z	-4.20E-01	3.02E+01	-1.50E+00	0
2023-05-27T00:10:01.770Z	-4.20E-01	3.02E+01	-1.47E+00	0
2023-05-27T00:11:01.849Z	-4.19E-01	3.02E+01	-1.88E+00	0
2023-05-27T00:12:01.928Z	-4.20E-01	3.01E+01	-1.73E+00	0
2023-05-27T00:13:02.007Z	-4.19E-01	3.01E+01	-1.82E+00	0
2023-05-27T00:14:02.086Z	-4.19E-01	3.01E+01	-1.70E+00	0
2023-05-27T00:15:02.165Z	-4.19E-01	3.01E+01	-1.77E+00	0
2023-05-27T00:16:02.244Z	-4.18E-01	3.00E+01	-1.90E+00	0
2023-05-27T00:17:02.323Z	-4.19E-01	3.00E+01	-1.63E+00	0
2023-05-27T00:18:02.402Z	-4.19E-01	2.99E+01	-1.68E+00	0
2023-05-27T00:19:02.481Z	-4.18E-01	2.99E+01	-1.52E+00	0
2023-05-27T00:20:02.560Z	-4.18E-01	2.99E+01	-2.15E+00	0
2023-05-27T00:21:02.639Z	-4.18E-01	2.98E+01	-1.32E+00	0
2023-05-27T00:22:02.718Z	-4.16E-01	2.98E+01	-1.37E+00	0
2023-05-27T00:23:02.797Z	-4.07E-01	2.97E+01	-1.55E+00	0
2023-05-27T00:24:02.876Z	-3.45E-01	2.97E+01	-1.47E+00	0
2023-05-27T00:25:02.955Z	-3.42E-01	2.97E+01	-1.88E+00	0
2023-05-27T00:26:03.034Z	-3.72E-01	2.96E+01	-1.85E+00	0
2023-05-27T00:27:03.113Z	-4.03E-01	2.96E+01	-1.38E+00	0
2023-05-27T00:28:03.192Z	-3.80E-01	2.96E+01	-1.80E+00	0
2023-05-27T00:29:03.271Z	-2.50E-01	2.95E+01	-1.55E+00	0
2023-05-27T00:30:03.350Z	5.28E-03	2.95E+01	-1.10E+00	0
2023-05-27T00:31:03.429Z	7.56E-02	2.94E+01	-1.23E+00	0

2023-05-27T00:32:03.508Z	1.45E-01	2.94E+01	-1.48E+00	0
2023-05-27T00:33:03.587Z	3.48E-02	2.94E+01	-1.25E+00	0
2023-05-27T00:34:03.666Z	2.17E-01	2.94E+01	-1.53E+00	0
2023-05-27T00:35:03.745Z	2.39E-01	2.93E+01	-1.92E+00	0
2023-05-27T00:36:03.824Z	7.78E-01	2.92E+01	-1.55E+00	0
2023-05-27T00:37:03.903Z	8.45E-01	2.92E+01	-1.82E+00	0
2023-05-27T00:38:03.982Z	8.17E-01	2.92E+01	-1.60E+00	0
2023-05-27T00:39:04.061Z	6.93E-01	2.92E+01	-1.63E+00	0
2023-05-27T00:40:04.140Z	5.05E-01	2.92E+01	-1.53E+00	0
2023-05-27T00:41:04.219Z	2.44E-01	2.92E+01	-1.25E+00	0
2023-05-27T00:42:04.298Z	-1.27E-01	2.93E+01	-1.77E+00	0
2023-05-27T00:43:04.377Z	-2.91E-01	2.92E+01	-1.33E+00	0
2023-05-27T00:44:04.456Z	-3.77E-01	2.92E+01	-1.15E+00	0
2023-05-27T00:45:04.535Z	-3.75E-01	2.92E+01	-1.50E+00	0
2023-05-27T00:46:04.614Z	2.85E-02	2.91E+01	-1.42E+00	0
2023-05-27T00:47:04.693Z	6.23E-01	2.90E+01	-2.12E+00	0
2023-05-27T00:48:04.772Z	4.24E-01	2.91E+01	-1.60E+00	0
2023-05-27T00:49:04.851Z	-3.27E-01	2.91E+01	-1.10E+00	0
2023-05-27T00:50:04.930Z	-4.08E-01	2.91E+01	-1.10E+00	0
2023-05-27T00:51:05.009Z	-4.19E-01	2.90E+01	-1.22E+00	0
2023-05-27T00:52:05.088Z	-4.19E-01	2.90E+01	-9.50E-01	0
2023-05-27T00:53:05.167Z	-4.19E-01	2.90E+01	-1.22E+00	0
2023-05-27T00:54:05.246Z	-4.18E-01	2.89E+01	-1.28E+00	0
2023-05-27T00:55:05.325Z	-4.18E-01	2.89E+01	-1.25E+00	0
2023-05-27T00:56:05.404Z	-4.17E-01	2.89E+01	-1.32E+00	0
2023-05-27T00:57:05.483Z	-4.18E-01	2.88E+01	-1.82E+00	0
2023-05-27T00:58:05.562Z	-4.18E-01	2.88E+01	-1.40E+00	0
2023-05-27T00:59:05.641Z	-4.18E-01	2.87E+01	-1.77E+00	0
2023-05-27T01:00:05.720Z	-4.16E-01	2.87E+01	-8.33E-01	0
2023-05-27T01:01:05.799Z	-4.16E-01	2.87E+01	-1.05E+00	0
2023-05-27T01:02:05.878Z	-4.07E-01	2.86E+01	-1.28E+00	0
2023-05-27T01:03:05.957Z	-3.75E-01	2.86E+01	-1.45E+00	0
2023-05-27T01:04:06.036Z	-3.79E-01	2.85E+01	-1.60E+00	0
2023-05-27T01:05:06.115Z	-3.76E-01	2.85E+01	-1.40E+00	0
2023-05-27T01:06:06.194Z	-3.87E-01	2.84E+01	-1.52E+00	0
2023-05-27T01:07:06.273Z	-4.08E-01	2.84E+01	-1.25E+00	0
2023-05-27T01:08:06.352Z	-4.05E-01	2.84E+01	-1.52E+00	0
2023-05-27T01:09:06.431Z	-4.00E-01	2.83E+01	-7.83E-01	0
2023-05-27T01:10:06.510Z	-4.11E-01	2.83E+01	-1.42E+00	0
2023-05-27T01:11:06.589Z	-4.02E-01	2.82E+01	-9.00E-01	0
2023-05-27T01:12:06.668Z	-3.94E-01	2.82E+01	-1.13E+00	0
2023-05-27T01:13:06.747Z	-3.70E-01	2.81E+01	-9.83E-01	0
2023-05-27T01:14:06.826Z	-3.66E-01	2.81E+01	-1.05E+00	0
2023-05-27T01:15:06.905Z	-3.58E-01	2.81E+01	-8.83E-01	0
2023-05-27T01:16:06.984Z	-3.59E-01	2.80E+01	-3.50E-01	0
2023-05-27T01:17:07.063Z	-3.38E-01	2.80E+01	-8.17E-01	0
2023-05-27T01:18:07.142Z	-3.39E-01	2.79E+01	-8.33E-01	0
2023-05-27T01:19:07.221Z	-3.80E-01	2.79E+01	-1.47E+00	0
2023-05-27T01:20:07.300Z	-3.39E-01	2.78E+01	-6.50E-01	0
2023-05-27T01:21:07.379Z	-2.85E-01	2.78E+01	-9.67E-01	0
2023-05-27T01:22:07.458Z	-2.26E-01	2.77E+01	-1.18E+00	0
2023-05-27T01:23:07.537Z	-2.16E-01	2.77E+01	-1.03E+00	0
2023-05-27T01:24:07.616Z	-2.31E-01	2.76E+01	-7.67E-01	0
2023-05-27T01:25:07.695Z	-2.53E-01	2.76E+01	-7.00E-01	0
2023-05-27T01:26:07.774Z	-1.12E-01	2.75E+01	-9.67E-01	0
2023-05-27T01:27:07.853Z	-6.58E-02	2.75E+01	-7.50E-01	0
2023-05-27T01:28:07.932Z	-1.58E-01	2.74E+01	-8.83E-01	0
2023-05-27T01:29:08.011Z	-1.53E-01	2.74E+01	-6.83E-01	0
2023-05-27T01:30:08.090Z	-1.64E-01	2.73E+01	-2.83E-01	0
2023-05-27T01:31:08.169Z	-2.35E-01	2.73E+01	-1.03E+00	0
2023-05-27T01:32:08.248Z	-3.44E-01	2.73E+01	-5.00E-01	0
2023-05-27T01:33:08.327Z	-3.47E-01	2.72E+01	-7.33E-01	0
2023-05-27T01:34:08.406Z	-3.27E-01	2.72E+01	-3.50E-01	0
2023-05-27T01:35:08.485Z	-3.19E-01	2.71E+01	-8.17E-01	0
2023-05-27T01:36:08.564Z	-3.12E-01	2.70E+01	-9.00E-01	0
2023-05-27T01:37:08.643Z	-3.11E-01	2.70E+01	-1.08E+00	0
2023-05-27T01:38:08.722Z	-3.06E-01	2.69E+01	-9.67E-01	0
2023-05-27T01:39:08.801Z	-3.25E-01	2.69E+01	-5.50E-01	0
2023-05-27T01:40:08.880Z	-3.08E-01	2.68E+01	-5.33E-01	0
2023-05-27T01:41:08.959Z	-3.59E-01	2.68E+01	-5.86E-01	0
2023-05-27T01:42:09.038Z	-3.77E-01	2.67E+01	-7.33E-01	0
2023-05-27T01:43:09.117Z	-3.76E-01	2.67E+01	-9.33E-01	0
2023-05-27T01:44:09.196Z	-3.25E-01	2.66E+01	-2.33E-01	0
2023-05-27T01:45:09.275Z	-3.10E-01	2.66E+01	-1.67E-01	0
2023-05-27T01:46:09.354Z	-3.70E-01	2.65E+01	-5.33E-01	0
2023-05-27T01:47:09.433Z	-3.72E-01	2.65E+01	-1.50E-01	0
2023-05-27T01:48:09.512Z	-3.38E-01	2.64E+01	-4.50E-01	0
2023-05-27T01:49:09.591Z	-3.59E-01	2.64E+01	-3.50E-01	0

2023-05-27T01:50:09.670Z	-3.30E-01	2.63E+01	-9.50E-01	0
2023-05-27T01:51:09.749Z	-3.41E-01	2.63E+01	1.50E-01	0
2023-05-27T01:52:09.828Z	-3.48E-01	2.62E+01	-5.00E-01	0
2023-05-27T01:53:09.907Z	-3.72E-01	2.62E+01	-6.00E-01	0
2023-05-27T01:54:09.986Z	-3.39E-01	2.61E+01	-7.83E-01	0
2023-05-27T01:55:10.065Z	-3.30E-01	2.60E+01	1.17E-01	0
2023-05-27T01:56:10.144Z	-2.98E-01	2.60E+01	-1.17E-01	0
2023-05-27T01:57:10.223Z	-2.70E-01	2.60E+01	-2.00E-01	0
2023-05-27T01:58:10.302Z	-3.16E-01	2.59E+01	1.00E-01	0
2023-05-27T01:59:10.381Z	-2.53E-01	2.59E+01	-8.67E-01	0
2023-05-27T02:00:10.460Z	-2.88E-01	2.58E+01	-6.67E-02	0
2023-05-27T02:01:10.539Z	-2.09E-01	2.58E+01	-8.33E-02	0
2023-05-27T02:02:10.618Z	-2.40E-01	2.57E+01	8.33E-02	0
2023-05-27T02:03:10.697Z	-2.24E-01	2.57E+01	6.67E-02	0
2023-05-27T02:04:10.776Z	-2.71E-01	2.56E+01	-2.83E-01	0
2023-05-27T02:05:10.855Z	-2.86E-01	2.56E+01	-1.00E-01	0
2023-05-27T02:06:10.934Z	-1.95E-01	2.55E+01	-5.00E-01	0
2023-05-27T02:07:11.013Z	-1.91E-01	2.55E+01	-5.17E-01	0
2023-05-27T02:08:11.092Z	-1.40E-01	2.55E+01	2.67E-01	0
2023-05-27T02:09:11.171Z	-2.60E-01	2.54E+01	1.67E-01	0
2023-05-27T02:10:11.250Z	-2.30E-01	2.54E+01	-1.33E-01	0
2023-05-27T02:11:11.329Z	-2.36E-01	2.54E+01	-3.33E-02	0
2023-05-27T02:12:11.408Z	-2.88E-01	2.53E+01	1.67E-02	0
2023-05-27T02:13:11.487Z	-2.64E-01	2.53E+01	-1.67E-02	0
2023-05-27T02:14:11.566Z	-2.15E-01	2.52E+01	-1.67E-02	0
2023-05-27T02:15:11.645Z	-2.53E-01	2.52E+01	3.33E-01	0
2023-05-27T02:16:11.724Z	-2.08E-01	2.52E+01	-1.00E-01	0
2023-05-27T02:17:11.803Z	-2.05E-01	2.51E+01	1.00E-01	0
2023-05-27T02:18:11.882Z	-2.29E-01	2.51E+01	4.33E-01	0
2023-05-27T02:19:11.961Z	-2.59E-01	2.50E+01	-1.67E-02	0
2023-05-27T02:20:12.040Z	-1.85E-01	2.50E+01	3.50E-01	0
2023-05-27T02:21:12.119Z	-2.15E-01	2.50E+01	8.33E-02	0
2023-05-27T02:22:12.198Z	-2.13E-01	2.49E+01	-8.33E-02	0
2023-05-27T02:23:12.277Z	-1.17E-01	2.49E+01	4.17E-01	0
2023-05-27T02:24:12.356Z	-2.76E-03	2.48E+01	2.17E-01	0
2023-05-27T02:25:12.435Z	-4.68E-02	2.48E+01	-1.17E-01	0
2023-05-27T02:26:12.514Z	4.75E-03	2.48E+01	4.63E-18	0
2023-05-27T02:27:12.593Z	-1.11E-01	2.47E+01	-1.00E-01	0
2023-05-27T02:28:12.672Z	-1.32E-01	2.47E+01	1.00E-01	0
2023-05-27T02:29:12.751Z	-3.61E-02	2.47E+01	8.33E-02	0
2023-05-27T02:30:12.830Z	4.14E-02	2.46E+01	-3.67E-01	0
2023-05-27T02:31:12.909Z	-6.67E-02	2.46E+01	-1.17E-01	0
2023-05-27T02:32:12.988Z	-7.85E-02	2.46E+01	3.50E-01	0
2023-05-27T02:33:13.067Z	-1.57E-02	2.45E+01	4.50E-01	0
2023-05-27T02:34:13.146Z	-1.87E-02	2.45E+01	9.00E-01	0
2023-05-27T02:35:13.225Z	5.53E-02	2.45E+01	6.67E-02	0
2023-05-27T02:36:13.304Z	8.30E-03	2.45E+01	-2.50E-01	0
2023-05-27T02:37:13.383Z	-1.39E-02	2.44E+01	7.67E-01	0
2023-05-27T02:38:13.462Z	-5.21E-02	2.44E+01	5.17E-01	0
2023-05-27T02:39:13.541Z	-1.48E-01	2.44E+01	4.83E-01	0
2023-05-27T02:40:13.620Z	-2.65E-02	2.44E+01	5.17E-01	0
2023-05-27T02:41:13.699Z	-2.61E-02	2.43E+01	6.83E-01	0
2023-05-27T02:42:13.778Z	-7.08E-03	2.43E+01	-8.33E-02	0
2023-05-27T02:43:13.857Z	1.80E-01	2.42E+01	1.83E-01	0
2023-05-27T02:44:13.936Z	1.49E-01	2.43E+01	-1.85E-17	0
2023-05-27T02:45:14.015Z	2.01E-01	2.42E+01	6.00E-01	0
2023-05-27T02:46:14.094Z	9.32E-02	2.42E+01	-1.67E-02	0
2023-05-27T02:47:14.173Z	4.02E-02	2.42E+01	4.83E-01	0
2023-05-27T02:48:14.252Z	-9.98E-02	2.42E+01	3.83E-01	0
2023-05-27T02:49:14.331Z	6.32E-02	2.41E+01	2.83E-01	0
2023-05-27T02:50:14.410Z	2.78E-02	2.41E+01	2.50E-01	0
2023-05-27T02:51:14.489Z	-5.81E-02	2.41E+01	1.67E-02	0
2023-05-27T02:52:14.568Z	4.44E-02	2.41E+01	6.17E-01	0
2023-05-27T02:53:14.647Z	-1.08E-01	2.41E+01	6.33E-01	0
2023-05-27T02:54:14.726Z	5.86E-02	2.41E+01	1.12E+00	0
2023-05-27T02:55:14.805Z	-6.46E-02	2.41E+01	7.33E-01	0
2023-05-27T02:56:14.884Z	1.21E-02	2.40E+01	2.67E-01	0
2023-05-27T02:57:14.963Z	8.43E-02	2.40E+01	9.83E-01	0
2023-05-27T02:58:15.042Z	1.58E-01	2.40E+01	7.50E-01	0
2023-05-27T02:59:15.121Z	1.37E-01	2.39E+01	5.67E-01	0
2023-05-27T03:00:15.200Z	2.99E-01	2.39E+01	7.00E-01	0
2023-05-27T03:01:15.279Z	4.92E-01	2.38E+01	1.00E-01	0
2023-05-27T03:02:15.358Z	5.20E-01	2.38E+01	5.67E-01	0
2023-05-27T03:03:15.437Z	8.51E-01	2.38E+01	9.50E-01	0
2023-05-27T03:04:15.516Z	4.08E-01	2.38E+01	7.83E-01	0
2023-05-27T03:05:15.595Z	7.63E-01	2.38E+01	5.33E-01	0
2023-05-27T03:06:15.674Z	6.61E-01	2.38E+01	5.67E-01	0
2023-05-27T03:07:15.753Z	3.56E-01	2.38E+01	5.00E-02	0

2023-05-27T03:08:15.832Z	4.53E-01	2.38E+01	9.00E-01	0
2023-05-27T03:09:15.911Z	2.84E-01	2.38E+01	1.17E-01	0
2023-05-27T03:10:15.990Z	1.91E-01	2.38E+01	7.33E-01	0
2023-05-27T03:11:16.069Z	1.44E-01	2.38E+01	-3.33E-02	0
2023-05-27T03:12:16.148Z	5.48E-01	2.37E+01	2.33E-01	0
2023-05-27T03:13:16.227Z	5.61E-01	2.37E+01	4.83E-01	0
2023-05-27T03:14:16.306Z	4.19E-01	2.37E+01	1.00E+00	0
2023-05-27T03:15:16.385Z	6.33E-01	2.37E+01	2.67E-01	0
2023-05-27T03:16:16.464Z	6.07E-01	2.37E+01	6.83E-01	0
2023-05-27T03:17:16.543Z	5.67E-01	2.36E+01	6.33E-01	0
2023-05-27T03:18:16.622Z	4.28E-01	2.36E+01	4.50E-01	0
2023-05-27T03:19:16.701Z	4.93E-01	2.37E+01	6.67E-01	0
2023-05-27T03:20:16.780Z	1.92E-01	2.37E+01	8.00E-01	0
2023-05-27T03:21:16.859Z	1.58E-01	2.37E+01	3.83E-01	0
2023-05-27T03:22:16.938Z	2.29E-01	2.37E+01	8.83E-01	0
2023-05-27T03:23:17.017Z	3.77E-02	2.37E+01	5.33E-01	0
2023-05-27T03:24:17.096Z	-5.04E-02	2.37E+01	8.50E-01	0
2023-05-27T03:25:17.175Z	-3.98E-02	2.37E+01	5.50E-01	0
2023-05-27T03:26:17.254Z	1.49E-01	2.37E+01	7.50E-01	0
2023-05-27T03:27:17.333Z	4.87E-03	2.37E+01	6.33E-01	0
2023-05-27T03:28:17.412Z	3.29E-01	2.36E+01	6.67E-01	0
2023-05-27T03:29:17.491Z	1.51E-01	2.36E+01	5.50E-01	0
2023-05-27T03:30:17.570Z	3.96E-01	2.36E+01	4.00E-01	0
2023-05-27T03:31:17.649Z	7.73E-02	2.36E+01	5.83E-01	0
2023-05-27T03:32:17.728Z	1.66E-01	2.36E+01	1.17E+00	0
2023-05-27T03:33:17.807Z	1.96E-01	2.36E+01	7.50E-01	0
2023-05-27T03:34:17.886Z	1.00E-01	2.36E+01	7.17E-01	0
2023-05-27T03:35:17.965Z	-4.19E-02	2.35E+01	7.50E-01	0
2023-05-27T03:36:18.044Z	2.50E-02	2.35E+01	6.67E-01	0
2023-05-27T03:37:18.123Z	8.91E-02	2.35E+01	2.50E-01	0
2023-05-27T03:38:18.202Z	1.18E-03	2.35E+01	1.02E+00	0
2023-05-27T03:39:18.281Z	4.81E-02	2.35E+01	2.50E-01	0
2023-05-27T03:40:18.360Z	2.15E-01	2.35E+01	1.17E+00	0
2023-05-27T03:41:18.439Z	1.14E-01	2.35E+01	1.12E+00	0
2023-05-27T03:42:18.518Z	1.02E-01	2.35E+01	3.33E-01	0
2023-05-27T03:43:18.597Z	3.25E-02	2.35E+01	1.20E+00	0
2023-05-27T03:44:18.676Z	-1.04E-01	2.35E+01	6.83E-01	0
2023-05-27T03:45:18.755Z	1.01E-01	2.35E+01	1.00E+00	0
2023-05-27T03:46:18.834Z	1.24E-01	2.35E+01	2.33E-01	0
2023-05-27T03:47:18.913Z	1.02E-01	2.34E+01	1.10E+00	0
2023-05-27T03:48:18.992Z	3.65E-01	2.33E+01	4.29E-01	0
2023-05-27T03:49:19.071Z	2.77E-01	2.34E+01	1.55E+00	0
2023-05-27T03:50:19.150Z	3.12E-02	2.34E+01	6.83E-01	0
2023-05-27T03:51:19.229Z	2.13E-01	2.33E+01	1.08E+00	0
2023-05-27T03:52:19.308Z	3.36E-02	2.34E+01	1.10E+00	0
2023-05-27T03:53:19.387Z	4.30E-01	2.33E+01	6.67E-01	0
2023-05-27T03:54:19.466Z	7.20E-02	2.33E+01	9.00E-01	0
2023-05-27T03:55:19.545Z	1.65E-01	2.33E+01	1.12E+00	0
2023-05-27T03:56:19.624Z	2.48E-01	2.33E+01	8.33E-01	0
2023-05-27T03:57:19.703Z	-4.28E-02	2.33E+01	5.50E-01	0
2023-05-27T03:58:19.782Z	1.50E-01	2.33E+01	8.83E-01	0
2023-05-27T03:59:19.861Z	1.17E-01	2.33E+01	7.67E-01	0
2023-05-27T04:00:19.940Z	-1.08E-01	2.33E+01	7.17E-01	0
2023-05-27T04:01:20.019Z	-1.69E-01	2.33E+01	1.05E+00	0
2023-05-27T04:02:20.098Z	-2.06E-01	2.33E+01	7.33E-01	0
2023-05-27T04:03:20.177Z	-2.26E-01	2.33E+01	7.83E-01	0
2023-05-27T04:04:20.256Z	-1.10E-01	2.33E+01	1.13E+00	0
2023-05-27T04:05:20.335Z	-1.74E-01	2.33E+01	7.00E-01	0
2023-05-27T04:06:20.414Z	-5.98E-02	2.32E+01	7.50E-01	0
2023-05-27T04:07:20.493Z	2.64E-02	2.32E+01	6.50E-01	0
2023-05-27T04:08:20.572Z	-9.12E-02	2.32E+01	4.33E-01	0
2023-05-27T04:09:20.651Z	-1.07E-01	2.32E+01	5.67E-01	0
2023-05-27T04:10:20.730Z	-1.62E-01	2.32E+01	1.30E+00	0
2023-05-27T04:11:20.809Z	-1.18E-01	2.32E+01	8.00E-01	0
2023-05-27T04:12:20.888Z	-1.18E-01	2.31E+01	4.83E-01	0
2023-05-27T04:13:20.967Z	-1.37E-01	2.31E+01	7.33E-01	0
2023-05-27T04:14:21.046Z	-6.75E-02	2.31E+01	1.12E+00	0
2023-05-27T04:15:21.125Z	-1.67E-01	2.31E+01	6.00E-01	0
2023-05-27T04:16:21.204Z	-2.92E-02	2.31E+01	1.33E+00	0
2023-05-27T04:17:21.283Z	-1.74E-01	2.31E+01	5.83E-01	0
2023-05-27T04:18:21.362Z	-1.39E-01	2.31E+01	9.00E-01	0
2023-05-27T04:19:21.441Z	-1.08E-01	2.30E+01	9.50E-01	0
2023-05-27T04:20:21.520Z	-8.47E-02	2.30E+01	1.08E+00	0
2023-05-27T04:21:21.599Z	-9.14E-02	2.30E+01	1.02E+00	0
2023-05-27T04:22:21.678Z	-8.92E-02	2.30E+01	1.18E+00	0
2023-05-27T04:23:21.757Z	1.38E-01	2.29E+01	6.17E-01	0
2023-05-27T04:24:21.836Z	1.80E-01	2.29E+01	5.00E-01	0
2023-05-27T04:25:21.915Z	-1.85E-02	2.29E+01	6.50E-01	0

2023-05-27T04:26:21.994Z	3.67E-03	2.29E+01	9.33E-01	0
2023-05-27T04:27:22.073Z	-1.27E-01	2.29E+01	9.17E-01	0
2023-05-27T04:28:22.152Z	-9.68E-02	2.28E+01	1.00E+00	0
2023-05-27T04:29:22.231Z	5.15E-02	2.28E+01	9.50E-01	0
2023-05-27T04:30:22.310Z	-5.75E-02	2.28E+01	1.73E+00	0
2023-05-27T04:31:22.389Z	6.05E-03	2.28E+01	1.18E+00	0
2023-05-27T04:32:22.468Z	-3.06E-02	2.28E+01	1.03E+00	0
2023-05-27T04:33:22.547Z	1.17E-01	2.27E+01	9.67E-01	0
2023-05-27T04:34:22.626Z	-5.00E-02	2.27E+01	1.23E+00	0
2023-05-27T04:35:22.705Z	1.17E-01	2.26E+01	1.32E+00	0
2023-05-27T04:36:22.784Z	3.06E-02	2.26E+01	4.17E-01	0
2023-05-27T04:37:22.863Z	8.59E-02	2.26E+01	1.45E+00	0
2023-05-27T04:38:22.942Z	-1.30E-03	2.26E+01	1.27E+00	0
2023-05-27T04:39:23.021Z	-2.99E-02	2.26E+01	8.00E-01	0
2023-05-27T04:40:23.100Z	3.01E-02	2.26E+01	1.52E+00	0
2023-05-27T04:41:23.179Z	-1.04E-01	2.25E+01	1.00E+00	0
2023-05-27T04:42:23.258Z	1.52E-01	2.25E+01	1.43E+00	0
2023-05-27T04:43:23.337Z	2.72E-02	2.25E+01	7.33E-01	0
2023-05-27T04:44:23.416Z	1.10E-01	2.25E+01	1.03E+00	0
2023-05-27T04:45:23.495Z	7.98E-02	2.25E+01	1.48E+00	0
2023-05-27T04:46:23.574Z	-6.73E-02	2.24E+01	7.17E-01	0
2023-05-27T04:47:23.653Z	2.59E-01	2.24E+01	9.83E-01	0
2023-05-27T04:48:23.732Z	3.56E-02	2.24E+01	9.33E-01	0
2023-05-27T04:49:23.811Z	7.84E-02	2.24E+01	1.30E+00	0
2023-05-27T04:50:23.890Z	6.45E-02	2.24E+01	6.50E-01	0
2023-05-27T04:51:23.969Z	1.70E-01	2.23E+01	9.17E-01	0
2023-05-27T04:52:24.048Z	1.90E-01	2.23E+01	1.02E+00	0
2023-05-27T04:53:24.127Z	1.50E-01	2.22E+01	1.68E+00	0
2023-05-27T04:54:24.206Z	2.51E-01	2.22E+01	8.67E-01	0
2023-05-27T04:55:24.285Z	6.69E-02	2.22E+01	7.50E-01	0
2023-05-27T04:56:24.364Z	2.20E-01	2.22E+01	1.18E+00	0
2023-05-27T04:57:24.443Z	2.84E-01	2.21E+01	7.17E-01	0
2023-05-27T04:58:24.522Z	2.54E-03	2.22E+01	1.12E+00	0
2023-05-27T04:59:24.601Z	2.16E-01	2.21E+01	1.43E+00	0
2023-05-27T05:00:24.680Z	1.68E-01	2.22E+01	1.08E+00	0
2023-05-27T05:01:24.759Z	1.96E-02	2.21E+01	8.50E-01	0
2023-05-27T05:02:24.838Z	2.90E-03	2.21E+01	8.17E-01	0
2023-05-27T05:03:24.917Z	2.09E-01	2.21E+01	1.27E+00	0
2023-05-27T05:04:24.996Z	-8.00E-02	2.21E+01	8.67E-01	0
2023-05-27T05:05:25.075Z	-6.54E-02	2.21E+01	1.05E+00	0
2023-05-27T05:06:25.154Z	2.43E-02	2.20E+01	1.17E+00	0
2023-05-27T05:07:25.233Z	-2.26E-02	2.20E+01	1.08E+00	0
2023-05-27T05:08:25.312Z	-6.56E-02	2.21E+01	9.17E-01	0
2023-05-27T05:09:25.391Z	-7.90E-03	2.20E+01	7.33E-01	0
2023-05-27T05:10:25.470Z	-4.37E-03	2.20E+01	7.67E-01	0
2023-05-27T05:11:25.549Z	5.65E-02	2.19E+01	9.83E-01	0
2023-05-27T05:12:25.628Z	1.48E-01	2.19E+01	5.83E-01	0
2023-05-27T05:13:25.707Z	-6.77E-03	2.19E+01	8.33E-01	0
2023-05-27T05:14:25.786Z	1.50E-02	2.19E+01	9.83E-01	0
2023-05-27T05:15:25.865Z	2.18E-01	2.18E+01	9.83E-01	0
2023-05-27T05:16:25.944Z	4.61E-02	2.19E+01	1.20E+00	0
2023-05-27T05:17:26.023Z	-4.91E-02	2.19E+01	1.13E+00	0
2023-05-27T05:18:26.102Z	1.29E-01	2.18E+01	9.67E-01	0
2023-05-27T05:19:26.181Z	-1.33E-02	2.18E+01	7.00E-01	0
2023-05-27T05:20:26.260Z	3.84E-02	2.18E+01	8.17E-01	0
2023-05-27T05:21:26.339Z	4.87E-03	2.18E+01	9.33E-01	0
2023-05-27T05:22:26.418Z	-4.35E-02	2.18E+01	1.38E+00	0
2023-05-27T05:23:26.497Z	6.53E-02	2.18E+01	1.83E+00	0
2023-05-27T05:24:26.576Z	2.61E-02	2.17E+01	1.15E+00	0
2023-05-27T05:25:26.655Z	-6.98E-03	2.17E+01	8.50E-01	0
2023-05-27T05:26:26.734Z	5.05E-02	2.17E+01	1.22E+00	0
2023-05-27T05:27:26.813Z	1.34E-02	2.17E+01	1.38E+00	0
2023-05-27T05:28:26.892Z	-5.59E-02	2.17E+01	1.07E+00	0
2023-05-27T05:29:26.971Z	1.68E-04	2.17E+01	1.02E+00	0
2023-05-27T05:30:27.050Z	-9.56E-02	2.17E+01	1.17E+00	0
2023-05-27T05:31:27.129Z	-1.10E-01	2.16E+01	7.67E-01	0
2023-05-27T05:32:27.208Z	-4.31E-02	2.16E+01	1.58E+00	0
2023-05-27T05:33:27.287Z	5.58E-02	2.16E+01	1.08E+00	0
2023-05-27T05:34:27.366Z	9.05E-02	2.16E+01	1.47E+00	0
2023-05-27T05:35:27.445Z	-7.21E-02	2.16E+01	1.08E+00	0
2023-05-27T05:36:27.524Z	1.34E-02	2.16E+01	1.13E+00	0
2023-05-27T05:37:27.603Z	-2.08E-02	2.16E+01	1.38E+00	0
2023-05-27T05:38:27.682Z	-3.58E-02	2.16E+01	1.40E+00	0
2023-05-27T05:39:27.761Z	9.70E-02	2.15E+01	1.67E+00	0
2023-05-27T05:40:27.840Z	9.87E-02	2.15E+01	1.68E+00	0
2023-05-27T05:41:27.919Z	2.67E-02	2.15E+01	1.62E+00	0
2023-05-27T05:42:27.998Z	1.06E-01	2.15E+01	1.36E+00	0
2023-05-27T05:43:28.077Z	1.64E-01	2.14E+01	1.53E+00	0

2023-05-27T05:44:28.156Z	8.67E-02	2.15E+01	1.47E+00	0
2023-05-27T05:45:28.235Z	3.15E-01	2.14E+01	1.57E+00	0
2023-05-27T05:46:28.314Z	2.40E-01	2.14E+01	1.64E+00	0
2023-05-27T05:47:28.393Z	2.20E-01	2.14E+01	1.11E+00	0
2023-05-27T05:48:28.472Z	2.31E-01	2.14E+01	1.25E+00	0
2023-05-27T05:49:28.551Z	2.91E-01	2.14E+01	1.48E+00	0
2023-05-27T05:50:28.630Z	2.92E-01	2.13E+01	1.27E+00	0
2023-05-27T05:51:28.709Z	2.73E-01	2.13E+01	1.00E+00	0
2023-05-27T05:52:28.788Z	4.25E-01	2.13E+01	1.32E+00	0
2023-05-27T05:53:28.867Z	2.65E-01	2.13E+01	1.23E+00	0
2023-05-27T05:54:28.946Z	9.29E-02	2.14E+01	1.60E+00	0
2023-05-27T05:55:29.025Z	7.42E-02	2.13E+01	1.13E+00	0
2023-05-27T05:56:29.104Z	1.05E-01	2.13E+01	1.17E+00	0
2023-05-27T05:57:29.183Z	5.78E-02	2.13E+01	8.83E-01	0
2023-05-27T05:58:29.262Z	2.26E-01	2.13E+01	1.82E+00	0
2023-05-27T05:59:29.341Z	1.12E-01	2.13E+01	1.58E+00	0
2023-05-27T06:00:29.420Z	6.32E-02	2.13E+01	1.43E+00	0
2023-05-27T06:01:29.499Z	3.51E-01	2.12E+01	1.17E+00	0
2023-05-27T06:02:29.578Z	2.80E-01	2.12E+01	1.55E+00	0
2023-05-27T06:03:29.657Z	1.88E-01	2.13E+01	1.43E+00	0
2023-05-27T06:04:29.736Z	2.18E-01	2.12E+01	9.40E-01	0
2023-05-27T06:05:29.815Z	2.60E-02	2.13E+01	1.11E+00	0
2023-05-27T06:06:29.894Z	6.24E-02	2.12E+01	1.28E+00	0
2023-05-27T06:07:29.973Z	2.44E-01	2.12E+01	1.36E+00	0
2023-05-27T06:08:30.052Z	3.73E-01	2.12E+01	1.76E+00	0
2023-05-27T06:09:30.131Z	4.92E-01	2.11E+01	1.57E+00	0
2023-05-27T06:10:30.210Z	4.00E-01	2.12E+01	1.60E+00	0
2023-05-27T06:11:30.289Z	2.19E-01	2.12E+01	1.10E+00	0
2023-05-27T06:12:30.368Z	2.50E-01	2.12E+01	1.40E+00	0
2023-05-27T06:13:30.447Z	2.77E-01	2.11E+01	1.67E+00	0
2023-05-27T06:14:30.526Z	3.35E-01	2.12E+01	1.38E+00	0
2023-05-27T06:15:30.605Z	2.59E-01	2.11E+01	1.38E+00	0
2023-05-27T06:16:30.684Z	2.17E-01	2.12E+01	1.73E+00	0
2023-05-27T06:17:30.763Z	4.78E-01	2.11E+01	1.72E+00	0
2023-05-27T06:18:30.842Z	2.38E-01	2.11E+01	1.15E+00	0
2023-05-27T06:19:30.921Z	2.63E-01	2.11E+01	1.63E+00	0
2023-05-27T06:20:31.000Z	3.68E-01	2.11E+01	1.25E+00	0
2023-05-27T06:21:31.079Z	3.49E-01	2.11E+01	1.70E+00	0
2023-05-27T06:22:31.158Z	3.04E-01	2.11E+01	1.30E+00	0
2023-05-27T06:23:31.237Z	1.67E-01	2.11E+01	1.68E+00	0
2023-05-27T06:24:31.316Z	2.22E-01	2.11E+01	1.85E+00	0
2023-05-27T06:25:31.395Z	5.60E-02	2.11E+01	9.50E-01	0
2023-05-27T06:26:31.474Z	2.02E-01	2.11E+01	1.28E+00	0
2023-05-27T06:27:31.553Z	2.91E-01	2.11E+01	1.77E+00	0
2023-05-27T06:28:31.632Z	1.76E-01	2.11E+01	1.90E+00	0
2023-05-27T06:29:31.711Z	3.46E-01	2.10E+01	1.77E+00	0
2023-05-27T06:30:31.790Z	3.88E-01	2.10E+01	1.22E+00	0
2023-05-27T06:31:31.869Z	3.95E-01	2.10E+01	1.57E+00	0
2023-05-27T06:32:31.948Z	4.87E-01	2.10E+01	1.83E+00	0
2023-05-27T06:33:32.027Z	4.23E-01	2.10E+01	1.55E+00	0
2023-05-27T06:34:32.106Z	2.54E-01	2.10E+01	1.60E+00	0
2023-05-27T06:35:32.185Z	1.86E-01	2.10E+01	1.98E+00	0
2023-05-27T06:36:32.264Z	3.85E-01	2.10E+01	1.13E+00	0
2023-05-27T06:37:32.343Z	3.15E-01	2.10E+01	1.37E+00	0
2023-05-27T06:38:32.422Z	1.86E-01	2.11E+01	1.72E+00	0
2023-05-27T06:39:32.501Z	1.60E-01	2.11E+01	1.33E+00	0
2023-05-27T06:40:32.580Z	-3.91E-02	2.11E+01	1.52E+00	0
2023-05-27T06:41:32.659Z	-9.62E-03	2.10E+01	1.67E+00	0
2023-05-27T06:42:32.738Z	3.19E-01	2.10E+01	1.12E+00	0
2023-05-27T06:43:32.817Z	2.88E-01	2.10E+01	1.72E+00	0
2023-05-27T06:44:32.896Z	2.32E-01	2.10E+01	1.37E+00	0
2023-05-27T06:45:32.975Z	2.06E-01	2.10E+01	1.57E+00	0
2023-05-27T06:46:33.054Z	1.97E-01	2.10E+01	1.62E+00	0
2023-05-27T06:47:33.133Z	2.30E-01	2.10E+01	1.57E+00	0
2023-05-27T06:48:33.212Z	1.34E-01	2.10E+01	1.52E+00	0
2023-05-27T06:49:33.291Z	7.28E-02	2.10E+01	1.60E+00	0
2023-05-27T06:50:33.370Z	4.28E-02	2.10E+01	1.60E+00	0
2023-05-27T06:51:33.449Z	4.23E-02	2.10E+01	1.13E+00	0
2023-05-27T06:52:33.528Z	1.00E-02	2.10E+01	1.90E+00	0
2023-05-27T06:53:33.607Z	-1.54E-03	2.10E+01	1.53E+00	0
2023-05-27T06:54:33.686Z	4.55E-02	2.10E+01	1.40E+00	0
2023-05-27T06:55:33.765Z	4.38E-02	2.10E+01	2.00E+00	0
2023-05-27T06:56:33.844Z	1.66E-02	2.10E+01	1.73E+00	0
2023-05-27T06:57:33.923Z	2.08E-02	2.10E+01	1.37E+00	0
2023-05-27T06:58:34.002Z	-2.17E-02	2.09E+01	1.52E+00	0
2023-05-27T06:59:34.081Z	3.78E-02	2.09E+01	1.67E+00	0
2023-05-27T07:00:34.160Z	6.67E-02	2.09E+01	1.85E+00	0
2023-05-27T07:01:34.239Z	6.86E-02	2.09E+01	1.62E+00	0

2023-05-27T07:02:34.318Z	5.86E-02	2.09E+01	2.07E+00	0
2023-05-27T07:03:34.397Z	4.26E-02	2.09E+01	1.32E+00	0
2023-05-27T07:04:34.476Z	8.41E-02	2.08E+01	1.48E+00	0
2023-05-27T07:05:34.555Z	2.60E-01	2.08E+01	1.47E+00	0
2023-05-27T07:06:34.634Z	2.93E-01	2.08E+01	1.30E+00	0
2023-05-27T07:07:34.713Z	3.68E-01	2.07E+01	1.82E+00	0
2023-05-27T07:08:34.792Z	3.12E-01	2.08E+01	1.85E+00	0
2023-05-27T07:09:34.871Z	4.09E-01	2.07E+01	1.57E+00	0
2023-05-27T07:10:34.950Z	5.90E-01	2.07E+01	1.20E+00	0
2023-05-27T07:11:35.029Z	6.55E-01	2.06E+01	1.63E+00	0
2023-05-27T07:12:35.108Z	4.11E-01	2.07E+01	2.22E+00	0
2023-05-27T07:13:35.187Z	1.34E-01	2.07E+01	1.42E+00	0
2023-05-27T07:14:35.266Z	1.09E-01	2.07E+01	1.52E+00	0
2023-05-27T07:15:35.345Z	3.58E-01	2.07E+01	2.13E+00	0
2023-05-27T07:16:35.424Z	4.24E-01	2.06E+01	1.70E+00	0
2023-05-27T07:17:35.503Z	6.22E-01	2.06E+01	1.80E+00	0
2023-05-27T07:18:35.582Z	4.11E-01	2.06E+01	1.63E+00	0
2023-05-27T07:19:35.661Z	5.63E-01	2.06E+01	1.28E+00	0
2023-05-27T07:20:35.740Z	5.35E-01	2.06E+01	1.50E+00	0
2023-05-27T07:21:35.819Z	7.84E-01	2.05E+01	1.57E+00	0
2023-05-27T07:22:35.898Z	8.82E-01	2.05E+01	1.98E+00	0
2023-05-27T07:23:35.977Z	8.75E-01	2.05E+01	1.95E+00	0
2023-05-27T07:24:36.056Z	9.99E-01	2.05E+01	1.28E+00	0
2023-05-27T07:25:36.135Z	9.99E-01	2.05E+01	2.25E+00	0
2023-05-27T07:26:36.214Z	9.35E-01	2.05E+01	1.78E+00	0
2023-05-27T07:27:36.293Z	1.01E+00	2.05E+01	1.93E+00	0
2023-05-27T07:28:36.372Z	1.06E+00	2.05E+01	1.67E+00	0
2023-05-27T07:29:36.451Z	8.41E-01	2.05E+01	2.07E+00	0
2023-05-27T07:30:36.530Z	8.21E-01	2.05E+01	1.60E+00	0
2023-05-27T07:31:36.609Z	7.77E-01	2.05E+01	1.68E+00	0
2023-05-27T07:32:36.688Z	7.26E-01	2.05E+01	1.45E+00	0
2023-05-27T07:33:36.767Z	6.10E-01	2.05E+01	1.60E+00	0
2023-05-27T07:34:36.846Z	4.83E-01	2.06E+01	1.50E+00	0
2023-05-27T07:35:36.925Z	1.82E-01	2.07E+01	2.05E+00	0
2023-05-27T07:36:37.004Z	2.54E-02	2.07E+01	1.45E+00	0
2023-05-27T07:37:37.083Z	-1.49E-01	2.07E+01	1.42E+00	0
2023-05-27T07:38:37.162Z	-7.42E-02	2.07E+01	1.70E+00	0
2023-05-27T07:39:37.241Z	-5.15E-02	2.07E+01	1.58E+00	0
2023-05-27T07:40:37.320Z	2.28E-02	2.07E+01	1.82E+00	0
2023-05-27T07:41:37.399Z	-1.23E-01	2.07E+01	2.38E+00	0
2023-05-27T07:42:37.478Z	-1.17E-01	2.07E+01	1.90E+00	0
2023-05-27T07:43:37.557Z	-1.47E-01	2.07E+01	1.68E+00	0
2023-05-27T07:44:37.636Z	-9.10E-02	2.07E+01	1.72E+00	0
2023-05-27T07:45:37.715Z	-4.58E-02	2.07E+01	1.38E+00	0
2023-05-27T07:46:37.794Z	6.50E-02	2.06E+01	1.87E+00	0
2023-05-27T07:47:37.873Z	2.85E-01	2.05E+01	1.97E+00	0
2023-05-27T07:48:37.952Z	8.44E-01	2.05E+01	1.77E+00	0
2023-05-27T07:49:38.031Z	9.96E-01	2.04E+01	1.48E+00	0
2023-05-27T07:50:38.110Z	9.02E-01	2.05E+01	1.88E+00	0
2023-05-27T07:51:38.189Z	8.22E-01	2.05E+01	1.90E+00	0
2023-05-27T07:52:38.268Z	8.67E-01	2.05E+01	1.52E+00	0
2023-05-27T07:53:38.347Z	8.48E-01	2.05E+01	2.07E+00	0
2023-05-27T07:54:38.426Z	7.83E-01	2.05E+01	2.07E+00	0
2023-05-27T07:55:38.505Z	5.56E-01	2.05E+01	1.95E+00	0
2023-05-27T07:56:38.584Z	2.66E-01	2.06E+01	1.55E+00	0
2023-05-27T07:57:38.663Z	8.83E-02	2.06E+01	1.63E+00	0
2023-05-27T07:58:38.742Z	1.34E-01	2.06E+01	1.50E+00	0
2023-05-27T07:59:38.821Z	1.37E-02	2.06E+01	1.60E+00	0
2023-05-27T08:00:38.900Z	-3.80E-02	2.07E+01	1.87E+00	0
2023-05-27T08:01:38.979Z	3.67E-02	2.06E+01	1.47E+00	0
2023-05-27T08:02:39.058Z	-3.46E-02	2.06E+01	1.65E+00	0
2023-05-27T08:03:39.137Z	-4.59E-02	2.06E+01	1.88E+00	0
2023-05-27T08:04:39.216Z	4.11E-02	2.06E+01	9.50E-01	0
2023-05-27T08:05:39.295Z	6.14E-02	2.06E+01	1.57E+00	0
2023-05-27T08:06:39.374Z	7.13E-02	2.06E+01	1.83E+00	0
2023-05-27T08:07:39.453Z	8.40E-02	2.06E+01	2.08E+00	0
2023-05-27T08:08:39.532Z	7.83E-02	2.06E+01	1.90E+00	0
2023-05-27T08:09:39.611Z	2.65E-01	2.05E+01	1.82E+00	0
2023-05-27T08:10:39.690Z	4.44E-01	2.05E+01	1.68E+00	0
2023-05-27T08:11:39.769Z	7.19E-01	2.04E+01	1.62E+00	0
2023-05-27T08:12:39.848Z	6.64E-01	2.05E+01	1.90E+00	0
2023-05-27T08:13:39.927Z	5.52E-01	2.04E+01	1.53E+00	0
2023-05-27T08:14:40.006Z	9.33E-01	2.04E+01	1.28E+00	0
2023-05-27T08:15:40.085Z	8.73E-01	2.04E+01	1.88E+00	0
2023-05-27T08:16:40.164Z	8.93E-01	2.04E+01	2.13E+00	0
2023-05-27T08:17:40.243Z	9.60E-01	2.04E+01	1.35E+00	0
2023-05-27T08:18:40.322Z	1.01E+00	2.04E+01	1.78E+00	0
2023-05-27T08:19:40.401Z	7.15E-01	2.04E+01	2.17E+00	0

2023-05-27T08:20:40.480Z	6.41E-01	2.04E+01	1.90E+00	0
2023-05-27T08:21:40.559Z	6.73E-01	2.04E+01	1.80E+00	0
2023-05-27T08:22:40.638Z	7.21E-01	2.04E+01	1.90E+00	0
2023-05-27T08:23:40.717Z	8.13E-01	2.04E+01	1.50E+00	0
2023-05-27T08:24:40.796Z	6.61E-01	2.04E+01	1.60E+00	0
2023-05-27T08:25:40.875Z	4.93E-01	2.05E+01	1.00E+00	0
2023-05-27T08:26:40.954Z	6.28E-01	2.05E+01	1.35E+00	0
2023-05-27T08:27:41.033Z	4.89E-01	2.05E+01	1.13E+00	0
2023-05-27T08:28:41.112Z	9.19E-02	2.06E+01	9.83E-01	0
2023-05-27T08:29:41.191Z	-9.77E-02	2.06E+01	1.68E+00	0
2023-05-27T08:30:41.270Z	-3.14E-01	2.06E+01	2.07E+00	0
2023-05-27T08:31:41.349Z	-3.24E-01	2.06E+01	1.65E+00	0
2023-05-27T08:32:41.428Z	-3.06E-01	2.06E+01	1.45E+00	0
2023-05-27T08:33:41.507Z	-3.27E-01	2.06E+01	1.04E+00	0
2023-05-27T08:34:41.586Z	-2.58E-01	2.06E+01	1.96E+00	0
2023-05-27T08:35:41.665Z	-2.93E-01	2.06E+01	1.25E+00	0
2023-05-27T08:36:41.744Z	-2.72E-01	2.06E+01	1.52E+00	0
2023-05-27T08:37:41.823Z	-1.36E-01	2.05E+01	1.53E+00	0
2023-05-27T08:38:41.902Z	-1.47E-01	2.05E+01	1.57E+00	0
2023-05-27T08:39:41.981Z	1.40E-01	2.04E+01	1.63E+00	0
2023-05-27T08:40:42.060Z	4.93E-01	2.04E+01	1.87E+00	0
2023-05-27T08:41:42.139Z	7.42E-01	2.03E+01	1.37E+00	0
2023-05-27T08:42:42.218Z	6.32E-01	2.03E+01	2.22E+00	0
2023-05-27T08:43:42.297Z	6.48E-01	2.03E+01	1.38E+00	0
2023-05-27T08:44:42.376Z	7.20E-01	2.03E+01	1.72E+00	0
2023-05-27T08:45:42.455Z	8.83E-01	2.03E+01	1.50E+00	0
2023-05-27T08:46:42.534Z	8.72E-01	2.03E+01	1.25E+00	0
2023-05-27T08:47:42.613Z	8.99E-01	2.03E+01	1.67E+00	0
2023-05-27T08:48:42.692Z	9.00E-01	2.03E+01	1.73E+00	0
2023-05-27T08:49:42.771Z	8.74E-01	2.03E+01	1.55E+00	0
2023-05-27T08:50:42.850Z	7.28E-01	2.03E+01	1.47E+00	0
2023-05-27T08:51:42.929Z	8.12E-01	2.03E+01	1.80E+00	0
2023-05-27T08:52:43.008Z	6.04E-01	2.04E+01	1.87E+00	0
2023-05-27T08:53:43.087Z	4.42E-01	2.04E+01	2.08E+00	0
2023-05-27T08:54:43.166Z	2.11E-01	2.05E+01	2.00E+00	0
2023-05-27T08:55:43.245Z	2.64E-01	2.04E+01	1.77E+00	0
2023-05-27T08:56:43.324Z	4.62E-01	2.04E+01	1.72E+00	0
2023-05-27T08:57:43.403Z	6.60E-01	2.04E+01	1.88E+00	0
2023-05-27T08:58:43.482Z	6.15E-01	2.04E+01	1.58E+00	0
2023-05-27T08:59:43.561Z	7.46E-01	2.04E+01	2.07E+00	0
2023-05-27T09:00:43.640Z	5.73E-01	2.04E+01	1.80E+00	0
2023-05-27T09:01:43.719Z	5.77E-01	2.04E+01	2.07E+00	0
2023-05-27T09:02:43.798Z	5.56E-01	2.04E+01	9.33E-01	0
2023-05-27T09:03:43.877Z	6.91E-01	2.04E+01	1.60E+00	0
2023-05-27T09:04:43.956Z	4.94E-01	2.04E+01	2.25E+00	0
2023-05-27T09:05:44.035Z	5.71E-01	2.04E+01	1.58E+00	0
2023-05-27T09:06:44.114Z	5.78E-01	2.04E+01	1.68E+00	0
2023-05-27T09:07:44.193Z	2.37E-01	2.05E+01	1.48E+00	0
2023-05-27T09:08:44.272Z	2.37E-01	2.05E+01	1.87E+00	0
2023-05-27T09:09:44.351Z	3.28E-01	2.05E+01	1.58E+00	0
2023-05-27T09:10:44.430Z	4.26E-01	2.05E+01	1.43E+00	0
2023-05-27T09:11:44.509Z	5.01E-01	2.05E+01	1.72E+00	0
2023-05-27T09:12:44.588Z	4.80E-01	2.05E+01	1.82E+00	0
2023-05-27T09:13:44.667Z	4.47E-01	2.05E+01	1.52E+00	0
2023-05-27T09:14:44.746Z	3.23E-01	2.05E+01	1.67E+00	0
2023-05-27T09:15:44.825Z	7.98E-02	2.06E+01	1.45E+00	0
2023-05-27T09:16:44.904Z	8.11E-03	2.06E+01	1.92E+00	0
2023-05-27T09:17:44.983Z	1.69E-02	2.06E+01	1.68E+00	0
2023-05-27T09:18:45.062Z	1.84E-01	2.06E+01	1.97E+00	0
2023-05-27T09:19:45.141Z	1.50E-01	2.06E+01	2.10E+00	0
2023-05-27T09:20:45.220Z	2.21E-01	2.05E+01	1.58E+00	0
2023-05-27T09:21:45.299Z	3.40E-01	2.06E+01	1.90E+00	0
2023-05-27T09:22:45.378Z	1.90E-01	2.06E+01	1.55E+00	0
2023-05-27T09:23:45.457Z	1.94E-01	2.06E+01	1.62E+00	0
2023-05-27T09:24:45.536Z	1.10E-01	2.06E+01	1.67E+00	0
2023-05-27T09:25:45.615Z	-9.04E-02	2.07E+01	1.87E+00	0
2023-05-27T09:26:45.694Z	-1.27E-01	2.07E+01	1.57E+00	0
2023-05-27T09:27:45.773Z	-1.51E-01	2.07E+01	1.77E+00	0
2023-05-27T09:28:45.852Z	-1.04E-01	2.07E+01	1.63E+00	0
2023-05-27T09:29:45.931Z	-8.41E-02	2.07E+01	1.22E+00	0
2023-05-27T09:30:46.010Z	-9.97E-02	2.07E+01	1.63E+00	0
2023-05-27T09:31:46.089Z	-1.71E-02	2.07E+01	2.30E+00	0
2023-05-27T09:32:46.168Z	1.44E-01	2.06E+01	1.48E+00	0
2023-05-27T09:33:46.247Z	2.78E-01	2.06E+01	1.53E+00	0
2023-05-27T09:34:46.326Z	3.76E-01	2.06E+01	2.00E+00	0
2023-05-27T09:35:46.405Z	3.48E-01	2.06E+01	2.42E+00	0
2023-05-27T09:36:46.484Z	3.42E-01	2.06E+01	1.32E+00	0
2023-05-27T09:37:46.563Z	4.63E-01	2.06E+01	1.72E+00	0

2023-05-27T09:38:46.642Z	6.10E-01	2.06E+01	1.95E+00	0
2023-05-27T09:39:46.721Z	6.83E-01	2.05E+01	1.62E+00	0
2023-05-27T09:40:46.800Z	7.23E-01	2.05E+01	1.70E+00	0
2023-05-27T09:41:46.879Z	7.23E-01	2.06E+01	1.33E+00	0
2023-05-27T09:42:46.958Z	5.89E-01	2.06E+01	2.11E+00	0
2023-05-27T09:43:47.037Z	7.83E-01	2.06E+01	1.42E+00	0
2023-05-27T09:44:47.116Z	8.37E-01	2.05E+01	1.85E+00	0
2023-05-27T09:45:47.195Z	8.04E-01	2.06E+01	1.10E+00	0
2023-05-27T09:46:47.274Z	7.12E-01	2.06E+01	2.07E+00	0
2023-05-27T09:47:47.353Z	3.97E-01	2.06E+01	1.32E+00	0
2023-05-27T09:48:47.432Z	4.30E-01	2.06E+01	1.28E+00	0
2023-05-27T09:49:47.511Z	4.94E-01	2.06E+01	1.17E+00	0
2023-05-27T09:50:47.590Z	4.20E-01	2.07E+01	1.43E+00	0
2023-05-27T09:51:47.669Z	1.88E-01	2.07E+01	1.92E+00	0
2023-05-27T09:52:47.748Z	2.01E-01	2.07E+01	1.63E+00	0
2023-05-27T09:53:47.827Z	1.74E-01	2.07E+01	1.53E+00	0
2023-05-27T09:54:47.906Z	3.37E-01	2.07E+01	1.53E+00	0
2023-05-27T09:55:47.985Z	4.52E-01	2.07E+01	1.72E+00	0
2023-05-27T09:56:48.064Z	2.70E-01	2.07E+01	1.87E+00	0
2023-05-27T09:57:48.143Z	3.04E-01	2.07E+01	1.57E+00	0
2023-05-27T09:58:48.222Z	2.79E-01	2.07E+01	1.85E+00	0
2023-05-27T09:59:48.301Z	1.54E-01	2.07E+01	1.70E+00	0
2023-05-27T10:00:48.380Z	4.51E-01	2.07E+01	1.78E+00	0
2023-05-27T10:01:48.459Z	4.80E-01	2.07E+01	1.83E+00	0
2023-05-27T10:02:48.538Z	5.45E-01	2.07E+01	1.65E+00	0
2023-05-27T10:03:48.617Z	4.89E-01	2.07E+01	2.03E+00	0
2023-05-27T10:04:48.696Z	5.29E-01	2.07E+01	1.97E+00	0
2023-05-27T10:05:48.775Z	3.47E-01	2.07E+01	1.75E+00	0
2023-05-27T10:06:48.854Z	4.13E-01	2.07E+01	1.67E+00	0
2023-05-27T10:07:48.933Z	5.37E-01	2.07E+01	1.32E+00	0
2023-05-27T10:08:49.012Z	4.72E-01	2.07E+01	1.45E+00	0
2023-05-27T10:09:49.091Z	4.08E-01	2.07E+01	1.30E+00	0
2023-05-27T10:10:49.170Z	5.17E-01	2.07E+01	1.73E+00	0
2023-05-27T10:11:49.249Z	4.22E-01	2.07E+01	1.67E+00	0
2023-05-27T10:12:49.328Z	3.86E-01	2.07E+01	2.23E+00	0
2023-05-27T10:13:49.407Z	3.23E-01	2.07E+01	1.82E+00	0
2023-05-27T10:14:49.486Z	3.91E-01	2.07E+01	1.40E+00	0
2023-05-27T10:15:49.565Z	3.46E-01	2.07E+01	2.12E+00	0
2023-05-27T10:16:49.644Z	4.81E-01	2.07E+01	2.38E+00	0
2023-05-27T10:17:49.723Z	4.68E-01	2.07E+01	2.15E+00	0
2023-05-27T10:18:49.802Z	3.02E-01	2.08E+01	1.75E+00	0
2023-05-27T10:19:49.881Z	6.17E-02	2.08E+01	1.67E+00	0
2023-05-27T10:20:49.960Z	1.34E-01	2.08E+01	1.47E+00	0
2023-05-27T10:21:50.039Z	2.69E-01	2.07E+01	1.93E+00	0
2023-05-27T10:22:50.118Z	7.12E-02	2.08E+01	1.15E+00	0
2023-05-27T10:23:50.197Z	2.55E-02	2.08E+01	1.80E+00	0
2023-05-27T10:24:50.276Z	7.08E-02	2.08E+01	1.80E+00	0
2023-05-27T10:25:50.355Z	1.30E-01	2.07E+01	1.15E+00	0
2023-05-27T10:26:50.434Z	9.79E-02	2.08E+01	1.77E+00	0
2023-05-27T10:27:50.513Z	1.00E-01	2.07E+01	1.23E+00	0
2023-05-27T10:28:50.592Z	1.46E-01	2.07E+01	1.72E+00	0
2023-05-27T10:29:50.671Z	-4.86E-02	2.07E+01	1.52E+00	0
2023-05-27T10:30:50.750Z	6.19E-02	2.07E+01	1.35E+00	0
2023-05-27T10:31:50.829Z	8.43E-02	2.07E+01	2.35E+00	0
2023-05-27T10:32:50.908Z	1.81E-01	2.07E+01	1.95E+00	0
2023-05-27T10:33:50.987Z	2.23E-01	2.07E+01	2.13E+00	0
2023-05-27T10:34:51.066Z	2.46E-01	2.07E+01	2.08E+00	0
2023-05-27T10:35:51.145Z	3.24E-01	2.06E+01	1.82E+00	0
2023-05-27T10:36:51.224Z	2.69E-01	2.06E+01	1.68E+00	0
2023-05-27T10:37:51.303Z	3.40E-01	2.06E+01	1.30E+00	0
2023-05-27T10:38:51.382Z	2.19E-01	2.07E+01	1.80E+00	0
2023-05-27T10:39:51.461Z	1.89E-01	2.06E+01	1.42E+00	0
2023-05-27T10:40:51.540Z	2.26E-01	2.06E+01	2.18E+00	0
2023-05-27T10:41:51.619Z	3.09E-01	2.06E+01	1.90E+00	0
2023-05-27T10:42:51.698Z	2.45E-01	2.06E+01	1.22E+00	0
2023-05-27T10:43:51.777Z	1.94E-01	2.06E+01	1.67E+00	0
2023-05-27T10:44:51.856Z	2.33E-01	2.06E+01	1.73E+00	0
2023-05-27T10:45:51.935Z	1.99E-01	2.06E+01	1.60E+00	0
2023-05-27T10:46:52.014Z	2.02E-01	2.06E+01	1.78E+00	0
2023-05-27T10:47:52.093Z	1.84E-01	2.06E+01	1.52E+00	0
2023-05-27T10:48:52.172Z	6.00E-02	2.06E+01	2.17E+00	0
2023-05-27T10:49:52.251Z	1.67E-01	2.05E+01	1.62E+00	0
2023-05-27T10:50:52.330Z	1.46E-01	2.06E+01	1.83E+00	0
2023-05-27T10:51:52.409Z	3.19E-02	2.06E+01	1.67E+00	0
2023-05-27T10:52:52.488Z	1.64E-01	2.05E+01	1.73E+00	0
2023-05-27T10:53:52.567Z	1.48E-01	2.06E+01	1.43E+00	0
2023-05-27T10:54:52.646Z	2.15E-01	2.05E+01	1.90E+00	0
2023-05-27T10:55:52.725Z	4.29E-02	2.05E+01	1.78E+00	0

2023-05-27T10:56:52.804Z	1.50E-01	2.06E+01	1.30E+00	0
2023-05-27T10:57:52.883Z	9.25E-02	2.06E+01	1.65E+00	0
2023-05-27T10:58:52.962Z	2.74E-01	2.05E+01	1.65E+00	0
2023-05-27T10:59:53.041Z	2.78E-01	2.05E+01	1.85E+00	0
2023-05-27T11:00:53.120Z	1.48E-01	2.05E+01	1.85E+00	0
2023-05-27T11:01:53.199Z	8.45E-02	2.05E+01	1.77E+00	0
2023-05-27T11:02:53.278Z	2.93E-01	2.05E+01	1.60E+00	0
2023-05-27T11:03:53.357Z	2.12E-01	2.05E+01	1.23E+00	0
2023-05-27T11:04:53.436Z	4.13E-01	2.05E+01	2.18E+00	0
2023-05-27T11:05:53.515Z	1.32E-01	2.05E+01	2.02E+00	0
2023-05-27T11:06:53.594Z	1.23E-01	2.05E+01	1.90E+00	0
2023-05-27T11:07:53.673Z	3.14E-01	2.05E+01	1.68E+00	0
2023-05-27T11:08:53.752Z	3.82E-01	2.04E+01	2.02E+00	0
2023-05-27T11:09:53.831Z	2.95E-01	2.04E+01	1.82E+00	0
2023-05-27T11:10:53.910Z	3.18E-01	2.04E+01	1.53E+00	0
2023-05-27T11:11:53.989Z	2.48E-01	2.05E+01	1.62E+00	0
2023-05-27T11:12:54.068Z	3.54E-01	2.04E+01	1.62E+00	0
2023-05-27T11:13:54.147Z	1.57E-01	2.05E+01	1.55E+00	0
2023-05-27T11:14:54.226Z	1.55E-01	2.05E+01	1.70E+00	0
2023-05-27T11:15:54.305Z	2.58E-01	2.05E+01	1.90E+00	0
2023-05-27T11:16:54.384Z	2.58E-01	2.05E+01	2.20E+00	0
2023-05-27T11:17:54.463Z	2.82E-01	2.04E+01	1.52E+00	0
2023-05-27T11:18:54.542Z	2.59E-01	2.05E+01	1.78E+00	0
2023-05-27T11:19:54.621Z	2.80E-01	2.05E+01	1.80E+00	0
2023-05-27T11:20:54.700Z	2.38E-01	2.04E+01	1.65E+00	0
2023-05-27T11:21:54.779Z	2.19E-01	2.05E+01	1.42E+00	0
2023-05-27T11:22:54.858Z	2.23E-01	2.04E+01	1.98E+00	0
2023-05-27T11:23:54.937Z	4.26E-01	2.04E+01	1.93E+00	0
2023-05-27T11:24:55.016Z	2.38E-01	2.05E+01	2.23E+00	0
2023-05-27T11:25:55.095Z	2.08E-01	2.04E+01	1.55E+00	0
2023-05-27T11:26:55.174Z	2.28E-01	2.04E+01	1.95E+00	0
2023-05-27T11:27:55.253Z	2.69E-01	2.04E+01	1.67E+00	0
2023-05-27T11:28:55.332Z	2.10E-01	2.05E+01	1.67E+00	0
2023-05-27T11:29:55.411Z	1.51E-01	2.04E+01	1.67E+00	0
2023-05-27T11:30:55.490Z	8.62E-02	2.05E+01	1.72E+00	0
2023-05-27T11:31:55.569Z	1.04E-01	2.04E+01	1.67E+00	0
2023-05-27T11:32:55.648Z	2.97E-01	2.04E+01	1.67E+00	0
2023-05-27T11:33:55.727Z	1.29E-01	2.04E+01	1.65E+00	0
2023-05-27T11:34:55.806Z	1.27E-01	2.04E+01	1.88E+00	0
2023-05-27T11:35:55.885Z	1.78E-01	2.04E+01	1.97E+00	0
2023-05-27T11:36:55.964Z	2.84E-01	2.04E+01	2.40E+00	0
2023-05-27T11:37:56.043Z	2.87E-01	2.04E+01	1.82E+00	0
2023-05-27T11:38:56.122Z	2.60E-01	2.04E+01	2.15E+00	0
2023-05-27T11:39:56.201Z	2.93E-01	2.04E+01	1.37E+00	0
2023-05-27T11:40:56.280Z	3.77E-01	2.04E+01	2.13E+00	0
2023-05-27T11:41:56.359Z	2.99E-01	2.04E+01	2.13E+00	0
2023-05-27T11:42:56.438Z	5.33E-01	2.03E+01	1.85E+00	0
2023-05-27T11:43:56.517Z	2.36E-01	2.04E+01	1.33E+00	0
2023-05-27T11:44:56.596Z	2.22E-01	2.04E+01	1.58E+00	0
2023-05-27T11:45:56.675Z	2.00E-01	2.03E+01	1.85E+00	0
2023-05-27T11:46:56.754Z	3.41E-01	2.03E+01	1.67E+00	0
2023-05-27T11:47:56.833Z	4.73E-01	2.03E+01	1.53E+00	0
2023-05-27T11:48:56.912Z	5.06E-01	2.03E+01	1.97E+00	0
2023-05-27T11:49:56.991Z	3.63E-01	2.03E+01	1.52E+00	0
2023-05-27T11:50:57.070Z	2.40E-01	2.03E+01	1.52E+00	0
2023-05-27T11:51:57.149Z	3.40E-01	2.03E+01	1.38E+00	0
2023-05-27T11:52:57.228Z	2.83E-01	2.03E+01	1.57E+00	0
2023-05-27T11:53:57.307Z	3.00E-01	2.03E+01	1.70E+00	0
2023-05-27T11:54:57.386Z	4.12E-01	2.02E+01	1.87E+00	0
2023-05-27T11:55:57.465Z	5.12E-01	2.02E+01	2.10E+00	0
2023-05-27T11:56:57.544Z	4.19E-01	2.03E+01	1.82E+00	0
2023-05-27T11:57:57.623Z	3.98E-01	2.02E+01	1.70E+00	0
2023-05-27T11:58:57.702Z	4.85E-01	2.02E+01	1.47E+00	0
2023-05-27T11:59:57.781Z	5.32E-01	2.02E+01	2.02E+00	0
2023-05-27T12:00:57.860Z	6.07E-01	2.02E+01	1.87E+00	0
2023-05-27T12:01:57.939Z	7.22E-01	2.02E+01	2.08E+00	0
2023-05-27T12:02:58.018Z	6.43E-01	2.02E+01	1.67E+00	0
2023-05-27T12:03:58.097Z	6.20E-01	2.02E+01	1.82E+00	0
2023-05-27T12:04:58.176Z	7.51E-01	2.01E+01	2.27E+00	0
2023-05-27T12:05:58.255Z	7.67E-01	2.02E+01	1.78E+00	0
2023-05-27T12:06:58.334Z	8.77E-01	2.01E+01	1.50E+00	0
2023-05-27T12:07:58.413Z	8.25E-01	2.01E+01	1.38E+00	0
2023-05-27T12:08:58.492Z	9.77E-01	2.01E+01	1.26E+00	0
2023-05-27T12:09:58.571Z	1.01E+00	2.01E+01	1.77E+00	0
2023-05-27T12:10:58.650Z	1.14E+00	2.01E+01	1.47E+00	0
2023-05-27T12:11:58.729Z	1.25E+00	2.01E+01	2.27E+00	0
2023-05-27T12:12:58.808Z	1.13E+00	2.01E+01	1.95E+00	0
2023-05-27T12:13:58.887Z	1.25E+00	2.01E+01	2.35E+00	0

2023-05-27T12:14:58.966Z	1.16E+00	2.01E+01	1.73E+00	0
2023-05-27T12:15:59.045Z	1.26E+00	2.01E+01	1.97E+00	0
2023-05-27T12:16:59.124Z	1.25E+00	2.01E+01	1.35E+00	0
2023-05-27T12:17:59.203Z	1.19E+00	2.02E+01	2.13E+00	0
2023-05-27T12:18:59.282Z	1.14E+00	2.02E+01	1.82E+00	0
2023-05-27T12:19:59.361Z	1.11E+00	2.02E+01	1.88E+00	0
2023-05-27T12:20:59.440Z	1.10E+00	2.02E+01	1.58E+00	0
2023-05-27T12:21:59.519Z	8.76E-01	2.03E+01	1.70E+00	0
2023-05-27T12:22:59.598Z	5.79E-01	2.03E+01	1.83E+00	0
2023-05-27T12:23:59.677Z	4.60E-01	2.04E+01	1.80E+00	0
2023-05-27T12:24:59.756Z	3.39E-01	2.04E+01	2.05E+00	0
2023-05-27T12:25:59.835Z	5.12E-01	2.04E+01	1.68E+00	0
2023-05-27T12:26:59.914Z	5.15E-01	2.04E+01	2.10E+00	0
2023-05-27T12:27:59.993Z	5.21E-01	2.04E+01	2.32E+00	0
2023-05-27T12:29:00.072Z	6.14E-01	2.04E+01	1.53E+00	0
2023-05-27T12:30:00.151Z	6.13E-01	2.04E+01	1.75E+00	0
2023-05-27T12:31:00.230Z	5.45E-01	2.04E+01	1.92E+00	0
2023-05-27T12:32:00.309Z	6.91E-01	2.04E+01	1.40E+00	0
2023-05-27T12:33:00.388Z	7.83E-01	2.04E+01	1.47E+00	0
2023-05-27T12:34:00.467Z	9.01E-01	2.04E+01	2.17E+00	0
2023-05-27T12:35:00.546Z	1.05E+00	2.04E+01	1.88E+00	0
2023-05-27T12:36:00.625Z	1.33E+00	2.04E+01	1.07E+00	0
2023-05-27T12:37:00.704Z	1.52E+00	2.04E+01	1.73E+00	0
2023-05-27T12:38:00.783Z	1.13E+00	2.04E+01	1.53E+00	0
2023-05-27T12:39:00.862Z	7.42E-01	2.05E+01	1.70E+00	0
2023-05-27T12:40:00.941Z	4.53E-01	2.06E+01	1.65E+00	0
2023-05-27T12:41:01.020Z	2.75E-01	2.06E+01	1.73E+00	0
2023-05-27T12:42:01.099Z	2.39E-01	2.06E+01	2.12E+00	0
2023-05-27T12:43:01.178Z	3.04E-01	2.06E+01	2.05E+00	0
2023-05-27T12:44:01.257Z	2.49E-01	2.07E+01	1.28E+00	0
2023-05-27T12:45:01.336Z	3.19E-01	2.07E+01	1.70E+00	0
2023-05-27T12:46:01.415Z	2.25E-01	2.07E+01	1.87E+00	0
2023-05-27T12:47:01.494Z	4.24E-01	2.07E+01	1.93E+00	0
2023-05-27T12:48:01.573Z	4.33E-01	2.07E+01	1.43E+00	0
2023-05-27T12:49:01.652Z	3.45E-01	2.07E+01	1.80E+00	0
2023-05-27T12:50:01.731Z	6.45E-01	2.07E+01	1.70E+00	0
2023-05-27T12:51:01.810Z	5.48E-01	2.07E+01	2.25E+00	0
2023-05-27T12:52:01.889Z	8.00E-01	2.06E+01	1.60E+00	0
2023-05-27T12:53:01.968Z	9.43E-01	2.06E+01	1.92E+00	0
2023-05-27T12:54:02.047Z	1.15E+00	2.06E+01	1.90E+00	0
2023-05-27T12:55:02.126Z	1.28E+00	2.06E+01	2.05E+00	0
2023-05-27T12:56:02.205Z	1.38E+00	2.06E+01	1.78E+00	0
2023-05-27T12:57:02.284Z	1.54E+00	2.07E+01	1.95E+00	0
2023-05-27T12:58:02.363Z	1.43E+00	2.07E+01	1.03E+00	0
2023-05-27T12:59:02.442Z	1.13E+00	2.07E+01	1.38E+00	0
2023-05-27T13:00:02.521Z	1.06E+00	2.07E+01	1.27E+00	0
2023-05-27T13:01:02.600Z	7.73E-01	2.08E+01	1.58E+00	0
2023-05-27T13:02:02.679Z	7.93E-01	2.08E+01	1.25E+00	0
2023-05-27T13:03:02.758Z	6.37E-01	2.09E+01	1.13E+00	0
2023-05-27T13:04:02.837Z	6.36E-01	2.09E+01	1.57E+00	0
2023-05-27T13:05:02.916Z	6.12E-01	2.09E+01	1.15E+00	0
2023-05-27T13:06:02.995Z	7.87E-01	2.09E+01	1.62E+00	0
2023-05-27T13:07:03.074Z	8.84E-01	2.09E+01	1.47E+00	0
2023-05-27T13:08:03.153Z	1.03E+00	2.09E+01	1.53E+00	0
2023-05-27T13:09:03.232Z	1.17E+00	2.09E+01	2.00E+00	0
2023-05-27T13:10:03.311Z	1.40E+00	2.09E+01	1.47E+00	0
2023-05-27T13:11:03.390Z	1.61E+00	2.09E+01	2.20E+00	0
2023-05-27T13:12:03.469Z	1.69E+00	2.09E+01	1.52E+00	0
2023-05-27T13:13:03.548Z	1.50E+00	2.09E+01	2.15E+00	0
2023-05-27T13:14:03.627Z	1.26E+00	2.10E+01	1.88E+00	0
2023-05-27T13:15:03.706Z	9.67E-01	2.11E+01	1.40E+00	0
2023-05-27T13:16:03.785Z	8.37E-01	2.11E+01	1.42E+00	0
2023-05-27T13:17:03.864Z	8.50E-01	2.11E+01	2.17E+00	0
2023-05-27T13:18:03.943Z	9.06E-01	2.11E+01	1.65E+00	0
2023-05-27T13:19:04.022Z	9.70E-01	2.12E+01	1.90E+00	0
2023-05-27T13:20:04.101Z	1.09E+00	2.12E+01	1.77E+00	0
2023-05-27T13:21:04.180Z	1.23E+00	2.12E+01	1.12E+00	0
2023-05-27T13:22:04.259Z	1.44E+00	2.12E+01	1.70E+00	0
2023-05-27T13:23:04.338Z	1.54E+00	2.12E+01	2.25E+00	0
2023-05-27T13:24:04.417Z	1.49E+00	2.12E+01	1.85E+00	0
2023-05-27T13:25:04.496Z	1.23E+00	2.13E+01	1.37E+00	0
2023-05-27T13:26:04.575Z	1.04E+00	2.13E+01	1.12E+00	0
2023-05-27T13:27:04.654Z	9.54E-01	2.14E+01	1.23E+00	0
2023-05-27T13:28:04.733Z	9.38E-01	2.14E+01	1.32E+00	0
2023-05-27T13:29:04.812Z	8.52E-01	2.14E+01	1.82E+00	0
2023-05-27T13:30:04.891Z	8.75E-01	2.15E+01	1.68E+00	0
2023-05-27T13:31:04.970Z	6.77E-01	2.15E+01	7.17E-01	0
2023-05-27T13:32:05.049Z	5.87E-01	2.16E+01	7.50E-01	0

2023-05-27T13:33:05.128Z	5.67E-01	2.16E+01	1.57E+00	0
2023-05-27T13:34:05.207Z	6.79E-01	2.16E+01	1.58E+00	0
2023-05-27T13:35:05.286Z	4.58E-01	2.17E+01	1.48E+00	0
2023-05-27T13:36:05.365Z	2.31E-01	2.17E+01	9.67E-01	0
2023-05-27T13:37:05.444Z	3.53E-01	2.18E+01	9.50E-01	0
2023-05-27T13:38:05.523Z	1.89E-01	2.18E+01	1.13E+00	0
2023-05-27T13:39:05.602Z	1.17E-01	2.19E+01	5.67E-01	0
2023-05-27T13:40:05.681Z	1.33E-01	2.19E+01	1.48E+00	0
2023-05-27T13:41:05.760Z	2.16E-02	2.19E+01	1.52E+00	0
2023-05-27T13:42:05.839Z	6.28E-02	2.19E+01	1.23E+00	0
2023-05-27T13:43:05.918Z	2.83E-01	2.19E+01	1.45E+00	0
2023-05-27T13:44:05.997Z	3.95E-01	2.19E+01	7.71E-01	0
2023-05-27T13:45:06.076Z	2.01E-01	2.20E+01	1.05E+00	0
2023-05-27T13:46:06.155Z	-4.64E-02	2.20E+01	1.65E+00	0
2023-05-27T13:47:06.234Z	-1.86E-02	2.20E+01	1.12E+00	0
2023-05-27T13:48:06.313Z	-7.08E-02	2.20E+01	1.30E+00	0
2023-05-27T13:49:06.392Z	-7.67E-02	2.20E+01	1.42E+00	0
2023-05-27T13:50:06.471Z	4.66E-02	2.20E+01	1.15E+00	0
2023-05-27T13:51:06.550Z	-2.01E-02	2.20E+01	7.00E-01	0
2023-05-27T13:52:06.629Z	7.56E-02	2.20E+01	1.30E+00	0
2023-05-27T13:53:06.708Z	4.68E-01	2.19E+01	1.30E+00	0
2023-05-27T13:54:06.787Z	5.36E-01	2.19E+01	1.23E+00	0
2023-05-27T13:55:06.866Z	1.02E+00	2.19E+01	8.00E-01	0
2023-05-27T13:56:06.945Z	1.01E+00	2.19E+01	1.23E+00	0
2023-05-27T13:57:07.024Z	9.30E-01	2.20E+01	1.70E+00	0
2023-05-27T13:58:07.103Z	8.32E-01	2.20E+01	1.68E+00	0
2023-05-27T13:59:07.182Z	5.76E-01	2.20E+01	1.32E+00	0
2023-05-27T14:00:07.261Z	3.43E-01	2.21E+01	1.22E+00	0
2023-05-27T14:01:07.340Z	4.78E-01	2.21E+01	1.08E+00	0
2023-05-27T14:02:07.419Z	6.71E-01	2.21E+01	9.00E-01	0
2023-05-27T14:03:07.498Z	6.64E-01	2.21E+01	1.00E+00	0
2023-05-27T14:04:07.577Z	6.70E-01	2.21E+01	1.00E+00	0
2023-05-27T14:05:07.656Z	4.24E-01	2.21E+01	1.32E+00	0
2023-05-27T14:06:07.735Z	3.12E-01	2.22E+01	1.15E+00	0
2023-05-27T14:07:07.814Z	2.95E-01	2.22E+01	1.93E+00	0
2023-05-27T14:08:07.893Z	2.30E-01	2.22E+01	1.23E+00	0
2023-05-27T14:09:07.972Z	2.30E-01	2.22E+01	8.83E-01	0
2023-05-27T14:10:08.051Z	1.69E-01	2.23E+01	1.27E+00	0
2023-05-27T14:11:08.130Z	2.09E-01	2.22E+01	1.47E+00	0
2023-05-27T14:12:08.209Z	3.72E-01	2.22E+01	1.57E+00	0
2023-05-27T14:13:08.288Z	4.64E-01	2.22E+01	1.27E+00	0
2023-05-27T14:14:08.367Z	6.33E-01	2.22E+01	8.83E-01	0
2023-05-27T14:15:08.446Z	8.26E-01	2.22E+01	1.27E+00	0
2023-05-27T14:16:08.525Z	1.38E+00	2.21E+01	1.40E+00	0
2023-05-27T14:17:08.604Z	1.73E+00	2.21E+01	6.83E-01	0
2023-05-27T14:18:08.683Z	2.30E+00	2.21E+01	8.67E-01	0
2023-05-27T14:19:08.762Z	2.70E+00	2.21E+01	1.20E+00	0
2023-05-27T14:20:08.841Z	3.13E+00	2.21E+01	1.58E+00	0
2023-05-27T14:21:08.920Z	3.21E+00	2.21E+01	1.57E+00	0
2023-05-27T14:22:08.999Z	3.29E+00	2.21E+01	1.22E+00	0
2023-05-27T14:23:09.078Z	3.70E+00	2.21E+01	1.35E+00	0
2023-05-27T14:24:09.157Z	3.45E+00	2.22E+01	8.33E-01	0
2023-05-27T14:25:09.236Z	3.01E+00	2.23E+01	1.10E+00	0
2023-05-27T14:26:09.315Z	2.51E+00	2.23E+01	1.00E+00	0
2023-05-27T14:27:09.394Z	2.12E+00	2.24E+01	9.17E-01	0
2023-05-27T14:28:09.473Z	1.77E+00	2.25E+01	1.33E+00	0
2023-05-27T14:29:09.552Z	1.54E+00	2.25E+01	1.38E+00	0
2023-05-27T14:30:09.631Z	1.03E+00	2.26E+01	9.83E-01	0
2023-05-27T14:31:09.710Z	4.64E-01	2.27E+01	8.83E-01	0
2023-05-27T14:32:09.789Z	1.12E-02	2.29E+01	1.27E+00	0
2023-05-27T14:33:09.868Z	-1.27E-01	2.30E+01	1.60E+00	0
2023-05-27T14:34:09.947Z	-1.85E-01	2.30E+01	9.17E-01	0
2023-05-27T14:35:10.026Z	-1.34E-01	2.30E+01	1.22E+00	0
2023-05-27T14:36:10.105Z	-2.25E-01	2.31E+01	1.42E+00	0
2023-05-27T14:37:10.184Z	-2.49E-01	2.31E+01	1.15E+00	0
2023-05-27T14:38:10.263Z	-2.64E-01	2.31E+01	9.67E-01	0
2023-05-27T14:39:10.342Z	-3.19E-01	2.31E+01	1.58E+00	0
2023-05-27T14:40:10.421Z	-2.57E-01	2.31E+01	9.50E-01	0
2023-05-27T14:41:10.500Z	-8.35E-02	2.31E+01	9.00E-01	0
2023-05-27T14:42:10.579Z	-1.03E-02	2.31E+01	7.83E-01	0
2023-05-27T14:43:10.658Z	3.12E-01	2.30E+01	4.67E-01	0
2023-05-27T14:44:10.737Z	5.26E-01	2.30E+01	1.12E+00	0
2023-05-27T14:45:10.816Z	5.54E-01	2.30E+01	6.00E-01	0
2023-05-27T14:46:10.895Z	6.12E-01	2.30E+01	4.50E-01	0
2023-05-27T14:47:10.974Z	1.05E+00	2.30E+01	9.50E-01	0
2023-05-27T14:48:11.053Z	1.41E+00	2.30E+01	9.33E-01	0
2023-05-27T14:49:11.132Z	1.31E+00	2.30E+01	1.07E+00	0
2023-05-27T14:50:11.211Z	1.26E+00	2.30E+01	1.40E+00	0

2023-05-27T14:51:11.290Z	1.22E+00	2.31E+01	9.00E-01	0
2023-05-27T14:52:11.369Z	1.19E+00	2.30E+01	1.35E+00	0
2023-05-27T14:53:11.448Z	1.05E+00	2.31E+01	1.68E+00	0
2023-05-27T14:54:11.527Z	1.24E+00	2.31E+01	8.67E-01	0
2023-05-27T14:55:11.606Z	1.11E+00	2.31E+01	8.50E-01	0
2023-05-27T14:56:11.685Z	8.48E-01	2.32E+01	7.67E-01	0
2023-05-27T14:57:11.764Z	2.55E-01	2.33E+01	6.00E-01	0
2023-05-27T14:58:11.843Z	2.35E-01	2.33E+01	8.67E-01	0
2023-05-27T14:59:11.922Z	3.26E-02	2.34E+01	1.30E+00	0
2023-05-27T15:00:12.001Z	-9.55E-02	2.34E+01	1.17E+00	0
2023-05-27T15:01:12.080Z	-1.14E-01	2.34E+01	9.50E-01	0
2023-05-27T15:02:12.159Z	-2.58E-01	2.35E+01	7.50E-01	0
2023-05-27T15:03:12.238Z	-2.81E-01	2.35E+01	6.50E-01	0
2023-05-27T15:04:12.317Z	-3.34E-01	2.35E+01	1.48E+00	0
2023-05-27T15:05:12.396Z	-3.59E-01	2.35E+01	1.05E+00	0
2023-05-27T15:06:12.475Z	-2.79E-01	2.35E+01	7.17E-01	0
2023-05-27T15:07:12.554Z	-2.81E-01	2.35E+01	1.33E+00	0
2023-05-27T15:08:12.633Z	-4.91E-02	2.35E+01	1.05E+00	0
2023-05-27T15:09:12.712Z	2.30E-01	2.34E+01	8.17E-01	0
2023-05-27T15:10:12.791Z	7.63E-01	2.33E+01	1.08E+00	0
2023-05-27T15:11:12.870Z	8.25E-01	2.33E+01	1.08E+00	0
2023-05-27T15:12:12.949Z	9.56E-01	2.33E+01	7.83E-01	0
2023-05-27T15:13:13.028Z	9.11E-01	2.33E+01	6.00E-01	0
2023-05-27T15:14:13.107Z	8.31E-01	2.34E+01	1.33E+00	0
2023-05-27T15:15:13.186Z	9.66E-01	2.34E+01	9.50E-01	0
2023-05-27T15:16:13.265Z	1.14E+00	2.33E+01	6.17E-01	0
2023-05-27T15:17:13.344Z	1.52E+00	2.33E+01	3.00E-01	0
2023-05-27T15:18:13.423Z	1.58E+00	2.33E+01	7.50E-01	0
2023-05-27T15:19:13.502Z	1.78E+00	2.33E+01	6.50E-01	0
2023-05-27T15:20:13.581Z	1.75E+00	2.33E+01	1.25E+00	0
2023-05-27T15:21:13.660Z	1.42E+00	2.34E+01	1.38E+00	0
2023-05-27T15:22:13.739Z	1.35E+00	2.34E+01	8.33E-01	0
2023-05-27T15:23:13.818Z	1.47E+00	2.34E+01	1.17E+00	0
2023-05-27T15:24:13.897Z	1.38E+00	2.35E+01	8.83E-01	0
2023-05-27T15:25:13.976Z	1.28E+00	2.35E+01	8.17E-01	0
2023-05-27T15:26:14.055Z	1.33E+00	2.35E+01	1.32E+00	0
2023-05-27T15:27:14.134Z	1.13E+00	2.36E+01	1.00E+00	0
2023-05-27T15:28:14.213Z	9.84E-01	2.36E+01	5.33E-01	0
2023-05-27T15:29:14.292Z	1.19E+00	2.36E+01	8.33E-01	0
2023-05-27T15:30:14.371Z	1.26E+00	2.36E+01	8.17E-01	0
2023-05-27T15:31:14.450Z	1.38E+00	2.37E+01	3.67E-01	0
2023-05-27T15:32:14.529Z	1.24E+00	2.37E+01	9.33E-01	0
2023-05-27T15:33:14.608Z	1.24E+00	2.37E+01	1.08E+00	0
2023-05-27T15:34:14.687Z	6.96E-01	2.38E+01	7.00E-01	0
2023-05-27T15:35:14.766Z	3.20E-01	2.39E+01	1.25E+00	0
2023-05-27T15:36:14.845Z	2.60E-01	2.39E+01	-6.67E-02	0
2023-05-27T15:37:14.924Z	2.70E-01	2.40E+01	1.33E+00	0
2023-05-27T15:38:15.003Z	1.72E-01	2.40E+01	1.10E+00	0
2023-05-27T15:39:15.082Z	1.94E-01	2.40E+01	2.00E-01	0
2023-05-27T15:40:15.161Z	1.93E-01	2.40E+01	5.17E-01	0
2023-05-27T15:41:15.240Z	-6.62E-02	2.41E+01	8.00E-01	0
2023-05-27T15:42:15.319Z	7.68E-02	2.40E+01	1.22E+00	0
2023-05-27T15:43:15.398Z	5.92E-01	2.40E+01	7.33E-01	0
2023-05-27T15:44:15.477Z	8.26E-01	2.39E+01	3.00E-01	0
2023-05-27T15:45:15.556Z	9.51E-01	2.39E+01	4.83E-01	0
2023-05-27T15:46:15.635Z	8.62E-01	2.40E+01	7.50E-01	0
2023-05-27T15:47:15.714Z	7.53E-01	2.40E+01	8.67E-01	0
2023-05-27T15:48:15.793Z	2.00E-01	2.41E+01	1.17E+00	0
2023-05-27T15:49:15.872Z	-2.67E-02	2.41E+01	6.50E-01	0
2023-05-27T15:50:15.951Z	-2.68E-01	2.41E+01	1.07E+00	0
2023-05-27T15:51:16.030Z	-3.30E-01	2.42E+01	7.83E-01	0
2023-05-27T15:52:16.109Z	-3.41E-01	2.42E+01	2.00E-01	0
2023-05-27T15:53:16.188Z	-3.82E-01	2.42E+01	5.00E-01	0
2023-05-27T15:54:16.267Z	-3.92E-01	2.42E+01	3.17E-01	0
2023-05-27T15:55:16.346Z	-3.94E-01	2.42E+01	1.83E-01	0
2023-05-27T15:56:16.425Z	-3.86E-01	2.41E+01	6.83E-01	0
2023-05-27T15:57:16.504Z	-2.97E-01	2.42E+01	1.83E-01	0
2023-05-27T15:58:16.583Z	-1.49E-01	2.41E+01	2.50E-01	0
2023-05-27T15:59:16.662Z	-7.27E-02	2.41E+01	2.00E-01	0
2023-05-27T16:00:16.741Z	8.21E-02	2.41E+01	6.33E-01	0
2023-05-27T16:01:16.820Z	3.23E-01	2.40E+01	1.02E+00	0
2023-05-27T16:02:16.899Z	3.90E-01	2.40E+01	4.67E-01	0
2023-05-27T16:03:16.978Z	3.68E-01	2.40E+01	2.83E-01	0
2023-05-27T16:04:17.057Z	8.22E-02	2.40E+01	8.17E-01	0
2023-05-27T16:05:17.136Z	-1.56E-02	2.41E+01	1.23E+00	0
2023-05-27T16:06:17.215Z	1.01E-01	2.40E+01	4.33E-01	0
2023-05-27T16:07:17.294Z	4.87E-01	2.40E+01	9.00E-01	0
2023-05-27T16:08:17.373Z	7.48E-01	2.39E+01	1.03E+00	0

2023-05-27T16:09:17.452Z	8.25E-01	2.39E+01	5.83E-01	0
2023-05-27T16:10:17.531Z	9.43E-01	2.39E+01	2.00E-01	0
2023-05-27T16:11:17.610Z	1.35E+00	2.39E+01	3.50E-01	0
2023-05-27T16:12:17.689Z	1.46E+00	2.38E+01	7.67E-01	0
2023-05-27T16:13:17.768Z	1.38E+00	2.38E+01	6.50E-01	0
2023-05-27T16:14:17.847Z	1.20E+00	2.39E+01	5.00E-02	0
2023-05-27T16:15:17.926Z	1.53E+00	2.39E+01	3.67E-01	0
2023-05-27T16:16:18.005Z	1.50E+00	2.39E+01	1.25E+00	0
2023-05-27T16:17:18.084Z	1.47E+00	2.39E+01	3.17E-01	0
2023-05-27T16:18:18.163Z	1.58E+00	2.39E+01	5.67E-01	0
2023-05-27T16:19:18.242Z	1.31E+00	2.39E+01	-1.50E-01	0
2023-05-27T16:20:18.321Z	7.88E-01	2.40E+01	7.67E-01	0
2023-05-27T16:21:18.400Z	4.12E-01	2.41E+01	1.00E-01	0
2023-05-27T16:22:18.479Z	5.42E-02	2.42E+01	3.17E-01	0
2023-05-27T16:23:18.558Z	9.63E-02	2.42E+01	5.33E-01	0
2023-05-27T16:24:18.637Z	1.44E-01	2.42E+01	5.33E-01	0
2023-05-27T16:25:18.716Z	-1.02E-01	2.42E+01	7.67E-01	0
2023-05-27T16:26:18.795Z	-3.03E-01	2.43E+01	3.00E-01	0
2023-05-27T16:27:18.874Z	-3.15E-01	2.43E+01	4.67E-01	0
2023-05-27T16:28:18.953Z	-1.86E-01	2.42E+01	3.83E-01	0
2023-05-27T16:29:19.032Z	3.13E-01	2.42E+01	3.67E-01	0
2023-05-27T16:30:19.111Z	6.60E-01	2.41E+01	9.33E-01	0
2023-05-27T16:31:19.190Z	6.91E-01	2.41E+01	1.05E+00	0
2023-05-27T16:32:19.269Z	8.05E-01	2.41E+01	-2.17E-01	0
2023-05-27T16:33:19.348Z	5.18E-01	2.42E+01	1.00E+00	0
2023-05-27T16:34:19.427Z	1.94E-01	2.43E+01	9.50E-01	0
2023-05-27T16:35:19.506Z	-1.48E-01	2.43E+01	7.83E-01	0
2023-05-27T16:36:19.585Z	-2.85E-01	2.44E+01	3.67E-01	0
2023-05-27T16:37:19.664Z	-4.08E-01	2.44E+01	1.04E+00	0
2023-05-27T16:38:19.743Z	-4.20E-01	2.44E+01	8.50E-01	0
2023-05-27T16:39:19.822Z	-4.20E-01	2.44E+01	9.20E-01	0
2023-05-27T16:40:19.901Z	-4.19E-01	2.44E+01	4.00E-01	0
2023-05-27T16:41:19.980Z	-4.20E-01	2.44E+01	6.33E-01	0
2023-05-27T16:42:20.059Z	-4.20E-01	2.44E+01	3.83E-01	0
2023-05-27T16:43:20.138Z	-4.17E-01	2.44E+01	4.33E-01	0
2023-05-27T16:44:20.217Z	-4.02E-01	2.44E+01	4.67E-01	0
2023-05-27T16:45:20.296Z	-2.74E-01	2.43E+01	7.00E-01	0
2023-05-27T16:46:20.375Z	-2.79E-02	2.43E+01	6.83E-01	0
2023-05-27T16:47:20.454Z	3.34E-01	2.42E+01	9.33E-01	0
2023-05-27T16:48:20.533Z	5.46E-01	2.42E+01	5.17E-01	0
2023-05-27T16:49:20.612Z	6.66E-01	2.41E+01	6.33E-01	0
2023-05-27T16:50:20.691Z	8.74E-01	2.41E+01	3.67E-01	0
2023-05-27T16:51:20.770Z	1.25E+00	2.40E+01	4.00E-01	0
2023-05-27T16:52:20.849Z	1.66E+00	2.40E+01	7.67E-01	0
2023-05-27T16:53:20.928Z	1.96E+00	2.40E+01	5.83E-01	0
2023-05-27T16:54:21.007Z	2.50E+00	2.39E+01	2.50E-01	0
2023-05-27T16:55:21.086Z	3.08E+00	2.39E+01	9.33E-01	0
2023-05-27T16:56:21.165Z	3.70E+00	2.39E+01	1.50E+00	0
2023-05-27T16:57:21.244Z	3.91E+00	2.39E+01	1.13E+00	0
2023-05-27T16:58:21.323Z	4.03E+00	2.39E+01	1.60E+00	0
2023-05-27T16:59:21.402Z	4.13E+00	2.39E+01	7.00E-01	0
2023-05-27T17:00:21.481Z	4.47E+00	2.40E+01	6.33E-01	0
2023-05-27T17:01:21.560Z	4.17E+00	2.40E+01	1.08E+00	0
2023-05-27T17:02:21.639Z	4.14E+00	2.41E+01	7.83E-01	0
2023-05-27T17:03:21.718Z	3.92E+00	2.41E+01	-1.00E-01	0
2023-05-27T17:04:21.797Z	3.82E+00	2.42E+01	9.33E-01	0
2023-05-27T17:05:21.876Z	3.68E+00	2.42E+01	1.30E+00	0
2023-05-27T17:06:21.955Z	3.63E+00	2.43E+01	1.02E+00	0
2023-05-27T17:07:22.034Z	3.60E+00	2.44E+01	5.00E+00	0
2023-05-27T17:08:22.113Z	3.49E+00	2.44E+01	3.00E-01	0
2023-05-27T17:09:22.192Z	3.41E+00	2.45E+01	2.17E-01	0
2023-05-27T17:10:22.271Z	3.18E+00	2.46E+01	4.17E-01	0
2023-05-27T17:11:22.350Z	2.33E+00	2.47E+01	4.67E-01	0
2023-05-27T17:12:22.429Z	7.29E-01	2.50E+01	6.67E-01	0
2023-05-27T17:13:22.508Z	-3.35E-01	2.52E+01	8.50E-01	0
2023-05-27T17:14:22.587Z	-4.20E-01	2.53E+01	2.83E-01	0
2023-05-27T17:15:22.666Z	-4.14E-01	2.53E+01	-5.33E-01	0
2023-05-27T17:16:22.745Z	-4.08E-01	2.53E+01	-2.17E-01	0
2023-05-27T17:17:22.824Z	-4.08E-01	2.54E+01	3.00E-01	0
2023-05-27T17:18:22.903Z	-4.07E-01	2.54E+01	7.67E-01	0
2023-05-27T17:19:22.982Z	-4.21E-01	2.54E+01	-3.00E-01	0
2023-05-27T17:20:23.061Z	-4.21E-01	2.54E+01	3.33E-01	0
2023-05-27T17:21:23.140Z	-4.20E-01	2.54E+01	2.67E-01	0
2023-05-27T17:22:23.219Z	-4.21E-01	2.55E+01	5.00E-02	0
2023-05-27T17:23:23.298Z	-4.20E-01	2.55E+01	-6.00E-01	0
2023-05-27T17:24:23.377Z	-4.20E-01	2.55E+01	4.33E-01	0
2023-05-27T17:25:23.456Z	-4.20E-01	2.55E+01	4.83E-01	0
2023-05-27T17:26:23.535Z	-4.20E-01	2.55E+01	5.67E-01	0

2023-05-27T17:27:23.614Z	-4.20E-01	2.55E+01	4.17E-01	0
2023-05-27T17:28:23.693Z	-4.19E-01	2.55E+01	-1.67E-01	0
2023-05-27T17:29:23.772Z	-4.19E-01	2.55E+01	3.33E-01	0
2023-05-27T17:30:23.851Z	-4.16E-01	2.54E+01	4.50E-01	0
2023-05-27T17:31:23.930Z	-3.93E-01	2.54E+01	-8.33E-02	0
2023-05-27T17:32:24.009Z	-2.57E-01	2.54E+01	2.17E-01	0
2023-05-27T17:33:24.088Z	1.71E-01	2.54E+01	-2.00E-01	0
2023-05-27T17:34:24.167Z	7.05E-01	2.52E+01	-5.50E-01	0
2023-05-27T17:35:24.246Z	1.26E+00	2.52E+01	1.33E-01	0
2023-05-27T17:36:24.325Z	1.75E+00	2.51E+01	2.17E-01	0
2023-05-27T17:37:24.404Z	2.13E+00	2.51E+01	7.83E-01	0
2023-05-27T17:38:24.483Z	2.50E+00	2.51E+01	8.33E-01	0
2023-05-27T17:39:24.562Z	2.61E+00	2.51E+01	-8.33E-02	0
2023-05-27T17:40:24.641Z	2.44E+00	2.52E+01	1.67E-01	0
2023-05-27T17:41:24.720Z	2.29E+00	2.52E+01	-8.17E-01	0
2023-05-27T17:42:24.799Z	1.57E+00	2.53E+01	5.17E-01	0
2023-05-27T17:43:24.878Z	1.13E+00	2.54E+01	3.33E-02	0
2023-05-27T17:44:24.957Z	9.55E-01	2.54E+01	-2.43E-01	0
2023-05-27T17:45:25.036Z	1.26E+00	2.54E+01	1.00E+01	0
2023-05-27T17:46:25.115Z	1.95E+00	2.54E+01	-1.67E-02	0
2023-05-27T17:47:25.194Z	2.78E+00	2.54E+01	-2.67E-01	0
2023-05-27T17:48:25.273Z	4.40E+00	2.53E+01	-1.33E-01	0
2023-05-27T17:49:25.352Z	5.46E+00	2.54E+01	7.67E-01	0
2023-05-27T17:50:25.431Z	6.45E+00	2.54E+01	-2.83E-01	0
2023-05-27T17:51:25.510Z	7.12E+00	2.54E+01	3.70E-17	0
2023-05-27T17:52:25.589Z	7.08E+00	2.55E+01	-3.67E-01	0
2023-05-27T17:53:25.668Z	6.36E+00	2.56E+01	-6.67E-02	0
2023-05-27T17:54:25.747Z	5.29E+00	2.57E+01	-1.50E-01	0
2023-05-27T17:55:25.826Z	4.29E+00	2.58E+01	8.33E-02	0
2023-05-27T17:56:25.905Z	3.31E+00	2.60E+01	-1.67E-02	0
2023-05-27T17:57:25.984Z	2.22E+00	2.61E+01	-1.67E-02	0
2023-05-27T17:58:26.063Z	1.08E+00	2.63E+01	3.17E-01	0
2023-05-27T17:59:26.142Z	7.36E-01	2.64E+01	-5.83E-01	0
2023-05-27T18:00:26.221Z	1.47E+00	2.64E+01	-3.17E-01	0
2023-05-27T18:01:26.300Z	2.27E+00	2.64E+01	-8.33E-02	0
2023-05-27T18:02:26.379Z	3.17E+00	2.64E+01	3.33E-02	0
2023-05-27T18:03:26.458Z	3.71E+00	2.65E+01	-4.80E-01	0
2023-05-27T18:04:26.537Z	4.14E+00	2.66E+01	-2.17E-01	0
2023-05-27T18:05:26.616Z	3.91E+00	2.66E+01	2.50E-01	0
2023-05-27T18:06:26.695Z	2.77E+00	2.68E+01	1.67E-02	0
2023-05-27T18:07:26.774Z	2.66E+00	2.69E+01	-5.83E-01	0
2023-05-27T18:08:26.853Z	3.74E+00	2.69E+01	-8.33E-02	0
2023-05-27T18:09:26.932Z	4.30E+00	2.70E+01	-5.67E-01	0
2023-05-27T18:10:27.011Z	3.75E+00	2.71E+01	-9.17E-01	0
2023-05-27T18:11:27.090Z	1.94E+00	2.73E+01	-3.33E-01	0
2023-05-27T18:12:27.169Z	-1.95E-01	2.77E+01	-3.50E-01	0
2023-05-27T18:13:27.248Z	4.50E-01	2.76E+01	-7.50E-01	0
2023-05-27T18:14:27.327Z	3.14E+00	2.75E+01	2.17E-01	0
2023-05-27T18:15:27.406Z	4.77E+00	2.75E+01	-1.08E+00	0
2023-05-27T18:16:27.485Z	5.95E+00	2.76E+01	-1.07E+00	0
2023-05-27T18:17:27.564Z	6.00E+00	2.77E+01	-1.33E+00	0
2023-05-27T18:18:27.643Z	6.39E+00	2.78E+01	-9.17E-01	0
2023-05-27T18:19:27.722Z	6.49E+00	2.80E+01	-1.83E-01	0
2023-05-27T18:20:27.801Z	6.32E+00	2.81E+01	-8.83E-01	0
2023-05-27T18:21:27.880Z	6.30E+00	2.83E+01	-1.05E+00	0
2023-05-27T18:22:27.959Z	6.26E+00	2.84E+01	-3.67E-01	0
2023-05-27T18:23:28.038Z	5.04E+00	2.86E+01	-6.67E-01	0
2023-05-27T18:24:28.117Z	2.55E+00	2.89E+01	-7.33E-01	0
2023-05-27T18:25:28.196Z	8.51E-02	2.92E+01	-1.07E+00	0
2023-05-27T18:26:28.275Z	-3.99E-01	2.93E+01	-5.17E-01	0
2023-05-27T18:27:28.354Z	9.50E-01	2.92E+01	-1.83E-01	0
2023-05-27T18:28:28.433Z	3.24E+00	2.91E+01	-4.50E-01	0
2023-05-27T18:29:28.512Z	4.68E+00	2.92E+01	-1.13E+00	0
2023-05-27T18:30:28.591Z	5.10E+00	2.93E+01	-4.50E-01	0
2023-05-27T18:31:28.670Z	5.48E+00	2.93E+01	-1.43E+00	0
2023-05-27T18:32:28.749Z	6.05E+00	2.94E+01	-5.67E-01	0
2023-05-27T18:33:28.828Z	5.65E+00	2.96E+01	-1.42E+00	0
2023-05-27T18:34:28.907Z	5.67E+00	2.97E+01	-2.45E+00	0
2023-05-27T18:35:28.986Z	5.32E+00	2.98E+01	-1.77E+00	0
2023-05-27T18:36:29.065Z	5.47E+00	3.00E+01	-2.25E+00	0
2023-05-27T18:37:29.144Z	5.30E+00	3.01E+01	-1.22E+00	0
2023-05-27T18:38:29.223Z	5.11E+00	3.03E+01	-1.83E+00	0
2023-05-27T18:39:29.302Z	4.69E+00	3.04E+01	-1.38E+00	0
2023-05-27T18:40:29.381Z	4.34E+00	3.06E+01	-8.83E-01	0
2023-05-27T18:41:29.460Z	2.65E+00	3.08E+01	-1.73E+00	0
2023-05-27T18:42:29.539Z	-1.23E-01	3.11E+01	-2.10E+00	0
2023-05-27T18:43:29.618Z	-4.21E-01	3.12E+01	-1.97E+00	0
2023-05-27T18:44:29.697Z	-4.21E-01	3.13E+01	-1.23E+00	0

2023-05-27T18:45:29.776Z	-4.20E-01	3.13E+01	-1.90E+00	0
2023-05-27T18:46:29.855Z	-4.13E-01	3.13E+01	-2.00E+00	0
2023-05-27T18:47:29.934Z	1.61E+00	3.11E+01	-1.92E+00	0
2023-05-27T18:48:30.013Z	3.24E+00	3.11E+01	-1.63E+00	0
2023-05-27T18:49:30.092Z	3.89E+00	3.12E+01	-2.57E+00	0
2023-05-27T18:50:30.171Z	4.23E+00	3.13E+01	-2.08E+00	0
2023-05-27T18:51:30.250Z	4.69E+00	3.14E+01	-2.28E+00	0
2023-05-27T18:52:30.329Z	4.04E+00	3.15E+01	-2.40E+00	0
2023-05-27T18:53:30.408Z	1.58E+00	3.18E+01	-1.63E+00	0
2023-05-27T18:54:30.487Z	-4.13E-01	3.20E+01	-1.58E+00	0
2023-05-27T18:55:30.566Z	-4.20E-01	3.21E+01	-2.30E+00	0
2023-05-27T18:56:30.645Z	-4.05E-01	3.22E+01	-1.08E+00	0
2023-05-27T18:57:30.724Z	1.08E+00	3.20E+01	-1.88E+00	0
2023-05-27T18:58:30.803Z	3.41E-01	3.23E+01	-1.92E+00	0
2023-05-27T18:59:30.882Z	-3.84E-01	3.24E+01	-1.87E+00	0
2023-05-27T19:00:30.961Z	2.24E+00	3.22E+01	-2.82E+00	0
2023-05-27T19:01:31.040Z	4.08E+00	3.22E+01	-2.73E+00	0
2023-05-27T19:02:31.119Z	4.68E+00	3.23E+01	-1.35E+00	0
2023-05-27T19:03:31.198Z	4.54E+00	3.24E+01	-2.15E+00	0
2023-05-27T19:04:31.277Z	4.32E+00	3.25E+01	-1.65E+00	0
2023-05-27T19:05:31.356Z	3.88E+00	3.26E+01	-2.47E+00	0
2023-05-27T19:06:31.435Z	4.21E+00	3.26E+01	-1.43E+00	0
2023-05-27T19:07:31.514Z	4.71E+00	3.27E+01	-2.28E+00	0
2023-05-27T19:08:31.593Z	4.78E+00	3.28E+01	-2.18E+00	0
2023-05-27T19:09:31.672Z	3.87E+00	3.29E+01	-2.05E+00	0
2023-05-27T19:10:31.751Z	1.82E+00	3.31E+01	-2.62E+00	0
2023-05-27T19:11:31.830Z	1.88E+00	3.31E+01	-2.77E+00	0
2023-05-27T19:12:31.909Z	2.22E+00	3.31E+01	-2.50E+00	0
2023-05-27T19:13:31.988Z	4.76E-01	3.33E+01	-2.42E+00	0
2023-05-27T19:14:32.067Z	-4.18E-01	3.33E+01	-4.02E+00	0
2023-05-27T19:15:32.146Z	-4.18E-01	3.33E+01	-3.00E+00	0
2023-05-27T19:16:32.225Z	-4.17E-01	3.33E+01	-3.22E+00	0
2023-05-27T19:17:32.304Z	-4.17E-01	3.32E+01	-1.98E+00	0
2023-05-27T19:18:32.383Z	-4.17E-01	3.33E+01	-2.65E+00	0
2023-05-27T19:19:32.462Z	-4.17E-01	3.33E+01	-2.58E+00	0
2023-05-27T19:20:32.541Z	-4.16E-01	3.33E+01	-2.47E+00	0
2023-05-27T19:21:32.620Z	-4.16E-01	3.32E+01	-3.02E+00	0
2023-05-27T19:22:32.699Z	-4.16E-01	3.31E+01	-2.15E+00	0
2023-05-27T19:23:32.778Z	-4.16E-01	3.30E+01	-2.68E+00	0
2023-05-27T19:24:32.857Z	-4.16E-01	3.30E+01	-2.75E+00	0
2023-05-27T19:25:32.936Z	-4.16E-01	3.30E+01	-2.55E+00	0
2023-05-27T19:26:33.015Z	-4.15E-01	3.29E+01	-1.43E+00	0
2023-05-27T19:27:33.094Z	-4.14E-01	3.30E+01	-3.08E+00	0
2023-05-27T19:28:33.173Z	1.45E+00	3.28E+01	-2.07E+00	0
2023-05-27T19:29:33.252Z	9.19E-01	3.29E+01	-2.58E+00	0
2023-05-27T19:30:33.331Z	-4.15E-01	3.30E+01	-2.88E+00	0
2023-05-27T19:31:33.410Z	-2.73E-01	3.29E+01	-2.40E+00	0
2023-05-27T19:32:33.489Z	2.94E+00	3.27E+01	-2.82E+00	0
2023-05-27T19:33:33.568Z	4.31E+00	3.27E+01	-2.58E+00	0
2023-05-27T19:34:33.647Z	4.71E+00	3.27E+01	-2.93E+00	0
2023-05-27T19:35:33.726Z	4.80E+00	3.28E+01	-2.48E+00	0
2023-05-27T19:36:33.805Z	5.08E+00	3.28E+01	-2.57E+00	0
2023-05-27T19:37:33.884Z	4.90E+00	3.29E+01	-2.97E+00	0
2023-05-27T19:38:33.963Z	2.37E+00	3.31E+01	-2.24E+00	0
2023-05-27T19:39:34.042Z	-3.90E-01	3.34E+01	-1.82E+00	0
2023-05-27T19:40:34.121Z	-4.19E-01	3.34E+01	-1.82E+00	0
2023-05-27T19:41:34.200Z	-3.27E-01	3.33E+01	-3.42E+00	0
2023-05-27T19:42:34.279Z	2.30E+00	3.31E+01	-2.68E+00	0
2023-05-27T19:43:34.358Z	3.94E+00	3.32E+01	-2.13E+00	0
2023-05-27T19:44:34.437Z	4.33E+00	3.32E+01	-3.18E+00	0
2023-05-27T19:45:34.516Z	2.92E+00	3.34E+01	-2.37E+00	0
2023-05-27T19:46:34.595Z	-6.26E-02	3.37E+01	-2.47E+00	0
2023-05-27T19:47:34.674Z	1.29E+00	3.36E+01	-2.30E+00	0
2023-05-27T19:48:34.753Z	2.73E+00	3.36E+01	-2.53E+00	0
2023-05-27T19:49:34.832Z	3.01E+00	3.37E+01	-2.78E+00	0
2023-05-27T19:50:34.911Z	2.35E+00	3.37E+01	-3.00E+00	0
2023-05-27T19:51:34.990Z	3.01E+00	3.38E+01	-2.99E+00	0
2023-05-27T19:52:35.069Z	3.14E+00	3.39E+01	-2.93E+00	0
2023-05-27T19:53:35.148Z	3.55E+00	3.39E+01	-3.13E+00	0
2023-05-27T19:54:35.227Z	3.16E+00	3.40E+01	-2.98E+00	0
2023-05-27T19:55:35.306Z	2.68E+00	3.41E+01	-2.20E+00	0
2023-05-27T19:56:35.385Z	3.16E+00	3.42E+01	-3.62E+00	0
2023-05-27T19:57:35.464Z	3.26E+00	3.43E+01	-2.73E+00	0
2023-05-27T19:58:35.543Z	2.91E+00	3.44E+01	-4.43E+00	0
2023-05-27T19:59:35.622Z	2.81E+00	3.44E+01	-2.57E+00	0
2023-05-27T20:00:35.701Z	2.93E+00	3.45E+01	-3.58E+00	0
2023-05-27T20:01:35.780Z	2.39E+00	3.46E+01	-3.53E+00	0
2023-05-27T20:02:35.859Z	-2.93E-01	3.49E+01	-2.45E+00	0

2023-05-27T20:03:35.938Z	-4.18E-01	3.47E+01	-2.85E+00	0
2023-05-27T20:04:36.017Z	-4.18E-01	3.48E+01	-3.57E+00	0
2023-05-27T20:05:36.096Z	-4.06E-01	3.48E+01	-3.75E+00	0
2023-05-27T20:06:36.175Z	7.20E-01	3.47E+01	-3.17E+00	0
2023-05-27T20:07:36.254Z	1.49E+00	3.47E+01	-3.10E+00	0
2023-05-27T20:08:36.333Z	1.61E+00	3.47E+01	-3.82E+00	0
2023-05-27T20:09:36.412Z	1.97E+00	3.47E+01	-2.95E+00	0
2023-05-27T20:10:36.491Z	2.11E+00	3.48E+01	-3.17E+00	0
2023-05-27T20:11:36.570Z	1.56E+00	3.48E+01	-2.98E+00	0
2023-05-27T20:12:36.649Z	2.69E-01	3.50E+01	-2.47E+00	0
2023-05-27T20:13:36.728Z	-3.39E-01	3.51E+01	-2.97E+00	0
2023-05-27T20:14:36.807Z	-3.83E-01	3.51E+01	-3.02E+00	0
2023-05-27T20:15:36.886Z	2.46E-01	3.50E+01	-3.32E+00	0
2023-05-27T20:16:36.965Z	3.16E-01	3.51E+01	-2.73E+00	0
2023-05-27T20:17:37.044Z	4.74E-02	3.51E+01	-3.08E+00	0
2023-05-27T20:18:37.123Z	7.15E-01	3.50E+01	-2.48E+00	0
2023-05-27T20:19:37.202Z	8.37E-01	3.51E+01	-3.52E+00	0
2023-05-27T20:20:37.281Z	-1.70E-01	3.52E+01	-3.08E+00	0
2023-05-27T20:21:37.360Z	-4.15E-01	3.52E+01	-3.23E+00	0
2023-05-27T20:22:37.439Z	6.92E-01	3.50E+01	-2.90E+00	0
2023-05-27T20:23:37.518Z	2.17E+00	3.50E+01	-3.75E+00	0
2023-05-27T20:24:37.597Z	2.57E+00	3.50E+01	-3.43E+00	0
2023-05-27T20:25:37.676Z	2.37E+00	3.50E+01	-3.50E+00	0
2023-05-27T20:26:37.755Z	1.91E+00	3.51E+01	-2.92E+00	0
2023-05-27T20:27:37.834Z	1.98E+00	3.51E+01	-3.82E+00	0
2023-05-27T20:28:37.913Z	2.33E+00	3.51E+01	-3.00E+00	0
2023-05-27T20:29:37.992Z	1.46E+00	3.53E+01	-3.33E+00	0
2023-05-27T20:30:38.071Z	8.35E-01	3.53E+01	-3.18E+00	0
2023-05-27T20:31:38.150Z	1.62E+00	3.52E+01	-3.18E+00	0
2023-05-27T20:32:38.229Z	1.91E+00	3.53E+01	-3.10E+00	0
2023-05-27T20:33:38.308Z	1.47E+00	3.53E+01	-3.57E+00	0
2023-05-27T20:34:38.387Z	1.87E+00	3.53E+01	-3.53E+00	0
2023-05-27T20:35:38.466Z	2.15E+00	3.53E+01	-3.22E+00	0
2023-05-27T20:36:38.545Z	1.17E+00	3.55E+01	-3.73E+00	0
2023-05-27T20:37:38.624Z	-3.23E-01	3.56E+01	-3.00E+00	0
2023-05-27T20:38:38.703Z	-3.99E-01	3.56E+01	-3.45E+00	0
2023-05-27T20:39:38.782Z	7.86E-01	3.55E+01	-3.53E+00	0
2023-05-27T20:40:38.861Z	1.08E-01	3.56E+01	-2.90E+00	0
2023-05-27T20:41:38.940Z	-2.32E-01	3.57E+01	-3.15E+00	0
2023-05-27T20:42:39.019Z	-4.13E-01	3.57E+01	-3.57E+00	0
2023-05-27T20:43:39.098Z	-8.78E-02	3.56E+01	-3.93E+00	0
2023-05-27T20:44:39.177Z	8.80E-01	3.55E+01	-3.52E+00	0
2023-05-27T20:45:39.256Z	1.30E+00	3.55E+01	-3.72E+00	0
2023-05-27T20:46:39.335Z	1.23E+00	3.56E+01	-4.00E+00	0
2023-05-27T20:47:39.414Z	-2.67E-01	3.57E+01	-3.87E+00	0
2023-05-27T20:48:39.493Z	4.58E-01	3.56E+01	-3.12E+00	0
2023-05-27T20:49:39.572Z	1.76E+00	3.56E+01	-4.18E+00	0
2023-05-27T20:50:39.651Z	2.21E+00	3.56E+01	-3.30E+00	0
2023-05-27T20:51:39.730Z	1.18E+00	3.57E+01	-3.37E+00	0
2023-05-27T20:52:39.809Z	-3.94E-01	3.58E+01	-3.60E+00	0
2023-05-27T20:53:39.888Z	-3.79E-01	3.58E+01	-3.43E+00	0
2023-05-27T20:54:39.967Z	5.11E-01	3.58E+01	-3.45E+00	0
2023-05-27T20:55:40.046Z	6.47E-01	3.58E+01	-3.27E+00	0
2023-05-27T20:56:40.125Z	6.46E-01	3.58E+01	-3.65E+00	0
2023-05-27T20:57:40.204Z	1.04E+00	3.58E+01	-3.87E+00	0
2023-05-27T20:58:40.283Z	1.38E+00	3.57E+01	-3.58E+00	0
2023-05-27T20:59:40.362Z	1.54E+00	3.58E+01	-3.47E+00	0
2023-05-27T21:00:40.441Z	1.88E+00	3.58E+01	-4.00E+00	0
2023-05-27T21:01:40.520Z	2.09E+00	3.58E+01	-4.05E+00	0
2023-05-27T21:02:40.599Z	1.83E+00	3.59E+01	-3.85E+00	0
2023-05-27T21:03:40.678Z	-9.00E-02	3.60E+01	-3.22E+00	0
2023-05-27T21:04:40.757Z	-4.16E-01	3.59E+01	-3.70E+00	0
2023-05-27T21:05:40.836Z	-4.16E-01	3.59E+01	-3.03E+00	0
2023-05-27T21:06:40.915Z	-4.16E-01	3.59E+01	-3.63E+00	0
2023-05-27T21:07:40.994Z	4.98E-01	3.58E+01	-3.47E+00	0
2023-05-27T21:08:41.073Z	2.07E+00	3.57E+01	-3.42E+00	0
2023-05-27T21:09:41.152Z	2.35E+00	3.57E+01	-4.25E+00	0
2023-05-27T21:10:41.231Z	-4.55E-02	3.60E+01	-3.58E+00	0
2023-05-27T21:11:41.310Z	-4.16E-01	3.59E+01	-3.55E+00	0
2023-05-27T21:12:41.389Z	-4.16E-01	3.58E+01	-3.20E+00	0
2023-05-27T21:13:41.468Z	-4.15E-01	3.57E+01	-2.80E+00	0
2023-05-27T21:14:41.547Z	-4.15E-01	3.56E+01	-3.20E+00	0
2023-05-27T21:15:41.626Z	-4.15E-01	3.55E+01	-3.68E+00	0
2023-05-27T21:16:41.705Z	-4.15E-01	3.56E+01	-3.40E+00	0
2023-05-27T21:17:41.784Z	1.02E+00	3.54E+01	-4.40E+00	0
2023-05-27T21:18:41.863Z	3.27E+00	3.53E+01	-3.98E+00	0
2023-05-27T21:19:41.942Z	3.98E+00	3.53E+01	-3.27E+00	0
2023-05-27T21:20:42.021Z	4.08E+00	3.54E+01	-3.52E+00	0

2023-05-27T21:21:42.100Z	3.41E+00	3.54E+01	-3.85E+00	0
2023-05-27T21:22:42.179Z	2.60E+00	3.55E+01	-3.02E+00	0
2023-05-27T21:23:42.258Z	5.22E-01	3.57E+01	-3.68E+00	0
2023-05-27T21:24:42.337Z	-3.18E-01	3.58E+01	-3.20E+00	0
2023-05-27T21:25:42.416Z	1.41E+00	3.56E+01	-3.68E+00	0
2023-05-27T21:26:42.495Z	2.98E+00	3.55E+01	-3.75E+00	0
2023-05-27T21:27:42.574Z	3.52E+00	3.56E+01	-3.62E+00	0
2023-05-27T21:28:42.653Z	2.97E+00	3.57E+01	-3.65E+00	0
2023-05-27T21:29:42.732Z	1.52E+00	3.58E+01	-3.87E+00	0
2023-05-27T21:30:42.811Z	-3.98E-01	3.59E+01	-3.42E+00	0
2023-05-27T21:31:42.890Z	-4.17E-01	3.58E+01	-3.48E+00	0
2023-05-27T21:32:42.969Z	-4.17E-01	3.57E+01	-3.68E+00	0
2023-05-27T21:33:43.048Z	-4.16E-01	3.56E+01	-3.83E+00	0
2023-05-27T21:34:43.127Z	-4.15E-01	3.54E+01	-3.52E+00	0
2023-05-27T21:35:43.206Z	-4.15E-01	3.54E+01	-3.30E+00	0
2023-05-27T21:36:43.285Z	-4.14E-01	3.53E+01	-2.76E+00	0
2023-05-27T21:37:43.364Z	-4.14E-01	3.51E+01	-3.46E+00	0
2023-05-27T21:38:43.443Z	-4.13E-01	3.50E+01	-3.38E+00	0
2023-05-27T21:39:43.522Z	-4.13E-01	3.48E+01	-3.10E+00	0
2023-05-27T21:40:43.601Z	-4.13E-01	3.47E+01	-3.06E+00	0
2023-05-27T21:41:43.680Z	-4.12E-01	3.46E+01	-3.19E+00	0
2023-05-27T21:42:43.759Z	-4.12E-01	3.45E+01	-2.84E+00	0
2023-05-27T21:43:43.838Z	-4.12E-01	3.44E+01	-2.90E+00	0
2023-05-27T21:44:43.917Z	-4.12E-01	3.43E+01	-3.62E+00	0
2023-05-27T21:45:43.996Z	-4.12E-01	3.42E+01	-2.90E+00	0
2023-05-27T21:46:44.075Z	-4.12E-01	3.40E+01	-3.22E+00	0
2023-05-27T21:47:44.154Z	-4.12E-01	3.40E+01	-4.17E+00	0
2023-05-27T21:48:44.233Z	-4.12E-01	3.38E+01	-3.50E+00	0
2023-05-27T21:49:44.312Z	-4.12E-01	3.37E+01	-3.33E+00	0
2023-05-27T21:50:44.391Z	-4.12E-01	3.36E+01	-3.95E+00	0
2023-05-27T21:51:44.470Z	-4.12E-01	3.35E+01	-3.08E+00	0
2023-05-27T21:52:44.549Z	-4.12E-01	3.34E+01	-3.13E+00	0
2023-05-27T21:53:44.628Z	-4.12E-01	3.33E+01	-3.08E+00	0
2023-05-27T21:54:44.707Z	-4.12E-01	3.32E+01	-2.87E+00	0
2023-05-27T21:55:44.786Z	-4.12E-01	3.30E+01	-3.15E+00	0
2023-05-27T21:56:44.865Z	-4.12E-01	3.29E+01	-3.12E+00	0
2023-05-27T21:57:44.944Z	-4.12E-01	3.28E+01	-2.92E+00	0
2023-05-27T21:58:45.023Z	-4.12E-01	3.27E+01	-3.07E+00	0
2023-05-27T21:59:45.102Z	-4.12E-01	3.26E+01	-2.98E+00	0
2023-05-27T22:00:45.181Z	-4.12E-01	3.25E+01	-2.55E+00	0
2023-05-27T22:01:45.260Z	-4.13E-01	3.24E+01	-2.42E+00	0
2023-05-27T22:02:45.339Z	-4.13E-01	3.23E+01	-2.60E+00	0
2023-05-27T22:03:45.418Z	-4.12E-01	3.22E+01	-3.05E+00	0
2023-05-27T22:04:45.497Z	-4.13E-01	3.20E+01	-3.28E+00	0
2023-05-27T22:05:45.576Z	-4.13E-01	3.19E+01	-2.48E+00	0
2023-05-27T22:06:45.655Z	-4.13E-01	3.18E+01	-2.38E+00	0
2023-05-27T22:07:45.734Z	-4.13E-01	3.16E+01	-2.48E+00	0
2023-05-27T22:08:45.813Z	-4.12E-01	3.14E+01	-2.70E+00	0
2023-05-27T22:09:45.892Z	-4.12E-01	3.13E+01	-2.15E+00	0
2023-05-27T22:10:45.971Z	-4.11E-01	3.10E+01	-1.88E+00	0
2023-05-27T22:11:46.050Z	-4.10E-01	3.08E+01	-2.18E+00	0
2023-05-27T22:12:46.129Z	-4.09E-01	3.06E+01	-1.40E+00	0
2023-05-27T22:13:46.208Z	-4.09E-01	3.03E+01	-1.77E+00	0
2023-05-27T22:14:46.287Z	-4.08E-01	3.01E+01	-1.67E+00	0
2023-05-27T22:15:46.366Z	-4.08E-01	2.99E+01	-2.07E+00	0
2023-05-27T22:16:46.445Z	-4.07E-01	2.97E+01	-1.68E+00	0
2023-05-27T22:17:46.524Z	-4.07E-01	2.95E+01	-1.90E+00	0
2023-05-27T22:18:46.603Z	-4.08E-01	2.93E+01	-1.97E+00	0
2023-05-27T22:19:46.682Z	-4.07E-01	2.90E+01	-1.70E+00	0
2023-05-27T22:20:46.761Z	-4.08E-01	2.88E+01	-1.72E+00	0
2023-05-27T22:21:46.840Z	-4.07E-01	2.85E+01	-1.82E+00	0
2023-05-27T22:22:46.919Z	-4.07E-01	2.83E+01	-1.60E+00	0
2023-05-27T22:23:46.998Z	-4.07E-01	2.80E+01	-1.00E+00	0
2023-05-27T22:24:47.077Z	-4.07E-01	2.78E+01	-1.43E+00	0
2023-05-27T22:25:47.156Z	-4.07E-01	2.76E+01	-1.23E+00	0
2023-05-27T22:26:47.235Z	-4.06E-01	2.73E+01	-5.67E-01	0
2023-05-27T22:27:47.314Z	-4.06E-01	2.70E+01	-7.33E-01	0
2023-05-27T22:28:47.393Z	-4.02E-01	2.64E+01	-4.67E-01	0
2023-05-27T22:29:47.472Z	-3.91E-01	2.56E+01	-4.50E-01	0
2023-05-27T22:30:47.551Z	-3.83E-01	2.49E+01	-5.50E-01	0
2023-05-27T22:31:47.630Z	-3.80E-01	2.44E+01	4.33E-01	0
2023-05-27T22:32:47.709Z	-3.80E-01	2.40E+01	-8.33E-02	0
2023-05-27T22:33:47.788Z	-3.81E-01	2.37E+01	4.17E-01	0
2023-05-27T22:34:47.867Z	-3.84E-01	2.35E+01	8.67E-01	0
2023-05-27T22:35:47.946Z	-3.87E-01	2.32E+01	5.00E-01	0
2023-05-27T22:36:48.025Z	-3.90E-01	2.30E+01	7.67E-01	0
2023-05-27T22:37:48.104Z	-1.69E-01	2.29E+01	7.67E-01	0
2023-05-27T22:38:48.183Z	1.17E+00	2.28E+01	6.33E-01	0

2023-05-27T22:39:48.262Z	1.51E+00	2.26E+01	5.67E-01	0
2023-05-27T22:40:48.341Z	2.08E+00	2.24E+01	4.00E-01	0
2023-05-27T22:41:48.420Z	2.25E+00	2.22E+01	1.27E+00	0
2023-05-27T22:42:48.499Z	2.49E+00	2.21E+01	4.17E-01	0
2023-05-27T22:43:48.578Z	2.56E+00	2.19E+01	7.67E-01	0
2023-05-27T22:44:48.657Z	2.66E+00	2.17E+01	1.10E+00	0
2023-05-27T22:45:48.736Z	2.52E+00	2.16E+01	8.50E-01	0
2023-05-27T22:46:48.815Z	2.42E+00	2.15E+01	6.50E-01	0
2023-05-27T22:47:48.894Z	2.32E+00	2.13E+01	9.33E-01	0
2023-05-27T22:48:48.973Z	2.33E+00	2.12E+01	1.08E+00	0
2023-05-27T22:49:49.052Z	2.23E+00	2.11E+01	8.50E-01	0
2023-05-27T22:50:49.131Z	2.29E+00	2.10E+01	1.35E+00	0
2023-05-27T22:51:49.210Z	2.12E+00	2.09E+01	1.63E+00	0
2023-05-27T22:52:49.289Z	1.88E+00	2.09E+01	1.63E+00	0
2023-05-27T22:53:49.368Z	1.97E+00	2.08E+01	1.07E+00	0
2023-05-27T22:54:49.447Z	2.20E+00	2.07E+01	1.12E+00	0
2023-05-27T22:55:49.526Z	2.17E+00	2.06E+01	1.62E+00	0
2023-05-27T22:56:49.605Z	2.10E+00	2.05E+01	1.52E+00	0
2023-05-27T22:57:49.684Z	2.16E+00	2.05E+01	1.70E+00	0
2023-05-27T22:58:49.763Z	2.16E+00	2.04E+01	1.02E+00	0
2023-05-27T22:59:49.842Z	2.15E+00	2.04E+01	1.54E+00	0
2023-05-27T23:00:49.921Z	1.78E+00	2.04E+01	2.32E+00	0
2023-05-27T23:01:50.000Z	1.65E+00	2.03E+01	1.08E+00	0
2023-05-27T23:02:50.079Z	1.38E+00	2.03E+01	2.08E+00	0
2023-05-27T23:03:50.158Z	1.29E+00	2.02E+01	1.08E+00	0
2023-05-27T23:04:50.237Z	1.38E+00	2.02E+01	1.88E+00	0
2023-05-27T23:05:50.316Z	1.25E+00	2.02E+01	1.42E+00	0
2023-05-27T23:06:50.395Z	1.38E+00	2.01E+01	1.35E+00	0
2023-05-27T23:07:50.474Z	1.39E+00	2.00E+01	1.50E+00	0
2023-05-27T23:08:50.553Z	1.55E+00	2.01E+01	1.87E+00	0
2023-05-27T23:09:50.632Z	1.36E+00	2.01E+01	1.52E+00	0
2023-05-27T23:10:50.711Z	1.21E+00	2.01E+01	1.87E+00	0
2023-05-27T23:11:50.790Z	1.36E+00	2.00E+01	1.30E+00	0
2023-05-27T23:12:50.869Z	1.49E+00	2.00E+01	1.43E+00	0
2023-05-27T23:13:50.948Z	1.74E+00	2.00E+01	2.05E+00	0
2023-05-27T23:14:51.027Z	1.52E+00	2.00E+01	7.67E-01	0
2023-05-27T23:15:51.106Z	1.20E+00	2.00E+01	2.25E+00	0
2023-05-27T23:16:51.185Z	1.19E+00	2.00E+01	2.18E+00	0
2023-05-27T23:17:51.264Z	1.29E+00	2.00E+01	1.57E+00	0
2023-05-27T23:18:51.343Z	1.53E+00	1.99E+01	1.52E+00	0
2023-05-27T23:19:51.422Z	1.80E+00	1.99E+01	1.93E+00	0
2023-05-27T23:20:51.501Z	2.24E+00	1.98E+01	1.75E+00	0
2023-05-27T23:21:51.580Z	2.29E+00	1.98E+01	1.00E+00	0
2023-05-27T23:22:51.659Z	2.43E+00	1.98E+01	1.87E+00	0
2023-05-27T23:23:51.738Z	2.54E+00	1.98E+01	1.77E+00	0
2023-05-27T23:24:51.817Z	2.52E+00	1.98E+01	8.67E-01	0
2023-05-27T23:25:51.896Z	2.54E+00	1.98E+01	1.87E+00	0
2023-05-27T23:26:51.975Z	2.31E+00	1.99E+01	1.25E+00	0
2023-05-27T23:27:52.054Z	2.08E+00	1.99E+01	1.33E+00	0
2023-05-27T23:28:52.133Z	1.63E+00	1.99E+01	1.85E+00	0
2023-05-27T23:29:52.212Z	1.34E+00	2.00E+01	1.70E+00	0
2023-05-27T23:30:52.291Z	1.10E+00	2.00E+01	1.17E+00	0
2023-05-27T23:31:52.370Z	1.15E+00	2.00E+01	5.00E-01	0
2023-05-27T23:32:52.449Z	1.38E+00	2.00E+01	2.23E+00	0
2023-05-27T23:33:52.528Z	1.48E+00	2.00E+01	1.73E+00	0
2023-05-27T23:34:52.607Z	1.46E+00	2.01E+01	1.82E+00	0
2023-05-27T23:35:52.686Z	1.15E+00	2.01E+01	1.77E+00	0
2023-05-27T23:36:52.765Z	8.57E-01	2.02E+01	1.57E+00	0
2023-05-27T23:37:52.844Z	6.10E-01	2.02E+01	1.75E+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 243492

DEFINITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 243492
	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

1625 N. French Dr., Hobbs, NM 88240
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District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 243492

QUESTIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 243492
	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	[30-005-10586] CATO SAN ANDRES UNIT #069
Well Status	Plugged (not released)

Monitoring Event Information

Please answer all the questions in this group.

Reason For Filing	Pre-Plug Methane Monitoring
Date of monitoring	05/27/2023
Latitude	33.6252213
Longitude	-103.8959427

Monitoring Event Details

Please answer all the questions in this group.

Flow rate in cubic meters per day (m³/day)	0.66
Test duration in hours (hr)	24.1
Average flow temperature in degrees Celsius (°C)	24.7
Average gauge flow pressure in kilopascals (kPag)	0.3
Methane concentration in part per million (ppm)	82,430
Methane emission rate in grams per hour (g/hr)	1.62
Testing Method	Steady State

Monitoring Contractor

Please answer all the questions in this group.

Name of monitoring contractor	Well Done New Mexico LLC
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