



KẾT QUẢ QUAN TRẮC KHÍ THẢI TỰ ĐỘNG, LIÊN TỤC
THÁNG 8/2025

Tên cơ sở: Chi nhánh Công ty CP Thép Việt Ý tại Hải Phòng
Địa chỉ: Phường Thiên Hương, thành phố Hải Phòng

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#	Ngày	CO (mg/Nm ³)	NOX (mg/Nm ³)	SO ₂ (mg/Nm ³)	Bụi tổng (mg/Nm ³)	O ₂ (%)	Lưu lượng 1 (m ³ /h)	Lưu lượng 2 (m ³ /h)	Nhiệt độ (°C)	Áp suất (KPa)
1	31/08/2025 23:00	183.64	1.05	0.32	0	20.58	273928.9	320745.53	78.73	101.68
2	31/08/2025 22:00	259.76	0.84	0.43	0	20.73	279797.87	320113.94	74.52	101.69
3	31/08/2025 21:00	222.69	0.77	0.38	0	20.86	261812.02	313815.5	65.23	101.67
4	31/08/2025 20:00	110.3	0.83	0.42	0	20.9	288663.49	325849.78	70.84	101.7
5	31/08/2025 19:00	136.59	0.81	0.42	0	20.93	281597.42	321412.1	75.41	101.7
6	31/08/2025 18:00	221.24	0.78	0.4	0	20.93	274755.8	318673.9	77.75	101.68
7	31/08/2025 17:00	120.12	0.78	0.39	0	20.97	279293.56	320415.15	73.37	101.69
8	31/08/2025 16:00	214.83	0.8	0.39	0	20.92	270057.72	314472.35	74.37	101.68
9	31/08/2025 15:00	94.49	0.81	0.41	0	20.94	287607.27	325396	69.82	101.7
10	31/08/2025 14:00	257.83	0.74	0.35	0	20.78	247258.17	312283.15	77.01	101.65
11	31/08/2025 13:00	76.58	0.7	0.35	0	20.82	305491.08	323680.01	68.71	101.73
12	31/08/2025 12:00	125.45	1.96	0.34	0	20.71	325310.49	318102.55	74.13	101.75
13	31/08/2025 11:00	145.82	0.88	0.37	0	19.49	309644.05	314716.25	78.24	101.73
14	31/08/2025 10:00	268.81	0.77	0.38	0	19.06	286647.25	303178.48	79.4	101.7
15	31/08/2025 09:00	193.45	0.82	0.39	0	18.99	289323.27	304979.01	77.49	101.7
16	31/08/2025 08:00	172.74	0.76	0.37	0	18.92	290342.56	306263.57	73.49	101.71
17	31/08/2025 07:00	126.24	0.9	0.46	0	18.84	287569.38	306476.37	77.52	101.7
18	31/08/2025 06:00	134.92	1.08	0.54	0	19.91	286069.1	308033.98	76.44	101.7
19	31/08/2025 05:00	157.19	1.19	0.61	0	20.1	294296.34	308045.64	73.65	101.71
20	31/08/2025 04:00	147.35	1.21	0.6	0	20.12	293227.48	309006.63	73.24	101.71
21	31/08/2025 03:00	119.31	1.21	0.61	0	20.18	293458.75	302028.01	74.29	101.71
22	31/08/2025 02:00	166.78	1.07	0.53	0	20.22	291625.18	307046.75	76.69	101.71
23	31/08/2025 01:00	161.66	0.88	0.45	0	20.41	292011.91	308187.5	74.3	101.71
24	31/08/2025 00:00	121.89	2.02	0.36	0	20.51	299320.9	307679.31	72.85	101.72
25	30/08/2025 23:00	91.46	1.63	0.51	0	20.74	296813.97	309198.06	74.29	101.71
26	30/08/2025 22:00	124.93	0.69	0.31	0	20.72	303408.77	310996.64	69.18	101.72
27	30/08/2025 21:00	138.17	0.65	0.31	0	20.68	311097.7	311520.38	75.86	101.73
28	30/08/2025 20:00	275.92	0.6	0.31	0	20.7	261265.94	282510.8	66.29	101.67
29	30/08/2025 19:00	5.12	0.64	0.32	0	20.94	27098.28	37996.66	42.42	101.36
30	30/08/2025 18:00	0.82	0.69	0.32	0	20.91	486.82	812.32	47.49	101.33
31	30/08/2025 17:00	31.01	0.71	0.35	0	20.81	195698.76	207100.48	68.34	101.58
32	30/08/2025 16:00	276.61	0.69	0.32	0	20.59	290133.64	313140.17	79.39	101.71
33	30/08/2025 15:00	279.33	0.7	0.35	0	20.55	311935.28	319447.36	79.26	101.73
34	30/08/2025 14:00	221.55	0.63	0.28	0	20.58	319269.54	321226.51	78.09	101.74
35	30/08/2025 13:00	253.55	0.66	0.32	0	20.59	296628.38	317093.95	81.9	101.71
36	30/08/2025 12:00	252.74	0.69	0.33	0	20.57	306199.44	320554.11	82.66	101.73
37	30/08/2025 11:00	150.94	1.2	0.4	0	20	305393.92	317318.4	81.16	101.73
38	30/08/2025 10:00	204.38	0.6	0.29	0	19.79	305064.52	314722.08	80.13	101.72
39	30/08/2025 09:00	178.04	0.52	0.28	0	19.67	288916.13	315161.27	84.18	101.7
40	30/08/2025 08:00	171.28	0.55	0.26	0	19.57	301457.64	316324.37	82.25	101.72
41	30/08/2025 07:00	179.02	0.59	0.31	0	19.88	285773.71	313969.99	81.26	101.7
42	30/08/2025 06:00	143.2	0.64	0.31	0	20.33	297628.23	318164.74	79.35	101.71
43	30/08/2025 05:00	163.11	0.66	0.33	0	20.31	285163.49	317597.27	82.39	101.7
44	30/08/2025 04:00	164.79	0.68	0.32	0	20.34	286930.98	311387.26	80.63	101.7
45	30/08/2025 03:00	182.27	0.7	0.31	0	20.35	290160.86	316981.23	79.09	101.71

46	30/08/2025 02:00	173.67	0.63	0.3	0	20.36	297614.64	315284.67	78.66	101.71
47	30/08/2025 01:00	199.46	0.71	0.38	0	20.35	287078.68	306623.1	76.17	101.7
48	30/08/2025 00:00	167.42	0.7	0.31	0	20.4	292684.31	311839.09	74.9	101.71
49	29/08/2025 23:00	173.1	6.28	2.18	0	20.76	300531.62	310265.94	76.57	101.72
50	29/08/2025 22:00	189.32	0.67	0.32	0	20.73	299556.05	314596.72	73.41	101.72
51	29/08/2025 21:00	244.67	0.62	0.29	0	20.67	279259.55	308822.01	76.9	101.69
52	29/08/2025 20:00	148.7	0.59	0.29	0	20.74	255567.99	297120.04	55.13	101.66
53	29/08/2025 19:00	0.91	0.61	0.3	0	20.99	34892.14	35976.54	43.7	101.37
54	29/08/2025 18:00	4.73	0.57	0.26	0	21.01	539.29	812.32	49.1	101.33
55	29/08/2025 17:00	68.07	0.4	0.2	0	20.86	215979.71	237914.47	68.63	101.61
56	29/08/2025 16:00	171.61	0.46	0.23	0	20.66	303994.69	321322.7	80.06	101.72
57	29/08/2025 15:00	177.11	0.55	0.26	0	20.7	297044.25	322138.92	76.48	101.71
58	29/08/2025 14:00	168.75	0.48	0.25	0	20.51	297255.11	324782.87	81.35	101.71
59	29/08/2025 13:00	193.73	0.55	0.23	0	20.59	292630.87	325164.75	79.62	101.71
60	29/08/2025 12:00	186.2	0.61	0.27	0	20.56	291244.28	319491.09	83.38	101.71
61	29/08/2025 11:00	136.3	1.6	0.32	0	20.86	287076.74	321640.44	83.52	101.7
62	29/08/2025 10:00	159.8	0.42	0.21	0	20.67	287814.24	318342.56	85.96	101.7
63	29/08/2025 09:00	169.88	0.48	0.22	0	20.42	287800.64	321465.55	81.74	101.7
64	29/08/2025 08:00	142.92	0.55	0.28	0	20.22	298880.73	323175.7	77.26	101.72
65	29/08/2025 07:00	149.4	0.63	0.31	0	20.63	305217.07	321371.29	77.84	101.72
66	29/08/2025 06:00	165.36	0.67	0.33	0	20.73	292440.42	311449.44	75.79	101.71
67	29/08/2025 05:00	177.32	0.68	0.33	0	20.7	285071.18	311788.56	72.88	101.7
68	29/08/2025 04:00	182.79	0.69	0.35	0	20.73	292138.23	312901.14	74.54	101.71
69	29/08/2025 03:00	180.5	0.72	0.35	0	20.72	298558.13	315944.44	75.96	101.72
70	29/08/2025 02:00	234.59	0.7	0.36	0	20.56	286236.23	307446.11	72.2	101.7
71	29/08/2025 01:00	191.77	0.72	0.35	0	20.5	295229.15	313618.24	73.66	101.71
72	29/08/2025 00:00	179.42	8.75	3.17	0	20.43	299340.34	312605.75	75.25	101.72
73	28/08/2025 23:00	190.28	5.24	2.43	0	21.07	280862.83	308831.73	75.87	101.69
74	28/08/2025 22:00	169.52	0.73	0.38	0	20.93	285740.67	308703.47	74.46	101.7
75	28/08/2025 21:00	199.34	0.78	0.39	0	20.92	281514.83	305395.86	72.28	101.69
76	28/08/2025 20:00	297.51	0.74	0.38	0	20.79	237279.96	290022.88	65.37	101.63
77	28/08/2025 19:00	3.76	0.76	0.37	0	21.07	33907.83	32457.1	43.01	101.37
78	28/08/2025 18:00	0.81	0.77	0.37	0	21.05	598.56	760.83	47.88	101.33
79	28/08/2025 17:00	25.49	0.8	0.41	0	20.89	206215.28	209808.56	67.21	101.6
80	28/08/2025 16:00	200.83	0.77	0.37	0	20.84	331175.57	351347.69	84.4	101.76
81	28/08/2025 15:00	186.9	0.78	0.36	0	20.8	353452.35	362687.22	84.45	101.79
82	28/08/2025 14:00	164.39	0.71	0.36	0	20.82	347667.93	355728.03	84.36	101.78
83	28/08/2025 13:00	171.08	0.72	0.36	0	20.69	324013.3	337180.56	86.95	101.75
84	28/08/2025 12:00	187.51	3.29	0.58	0	20.65	315937.64	322032.03	85.81	101.74
85	28/08/2025 11:00	113.32	3.88	1.66	0	20.68	295814.1	321185.71	81.31	101.71
86	28/08/2025 10:00	158.63	0.69	0.32	0	20.55	299990.39	318190.98	84.03	101.72
87	28/08/2025 09:00	197.98	0.67	0.34	0	20.44	300793.01	319252.05	82.81	101.72
88	28/08/2025 08:00	221.84	0.66	0.3	0	20.33	319072.29	322300.22	81.75	101.74
89	28/08/2025 07:00	241.47	0.59	0.29	0	20.38	315116.57	327453.05	81.96	101.74
90	28/08/2025 06:00	218.63	0.55	0.26	0	21.28	293438.34	302780.1	80.27	101.71
91	28/08/2025 05:00	234.51	0.41	0.19	0	21.44	290696.25	302278.7	79.83	101.71
92	28/08/2025 04:00	285.26	0.31	0.18	0	21.44	295667.38	307386.84	79.4	101.71
93	28/08/2025 03:00	221.77	0.38	0.18	0	21.3	289439.87	303770.23	79.86	101.7
94	28/08/2025 02:00	218.56	0.53	0.25	0	20.97	292007.05	304773.99	79.53	101.71
95	28/08/2025 01:00	241.3	0.72	0.38	0	20.82	293339.23	314046.75	70.12	101.71
96	28/08/2025 00:00	182.77	13.06	4.74	0	20.72	292871.85	313976.79	73.44	101.71

97	27/08/2025 23:00	171.19	7.04	2.86	0	22.65	301316.74	307887.26	74.22	101.72
98	27/08/2025 22:00	192.74	0.32	0.16	0	21.7	304945	302921.96	67.57	101.72
99	27/08/2025 21:00	231.02	0.49	0.24	0	20.44	307515.1	301210.83	59.77	101.73
100	27/08/2025 20:00	198.83	0.89	0.44	0	20.02	291541.62	290773.99	38.48	101.71
101	27/08/2025 19:00	1.18	1.11	0.56	0	19.97	28186.56	37685.73	24.85	101.37
102	27/08/2025 18:00	1.18	1.11	0.57	0	19.93	489.73	635.48	25.32	101.33
103	27/08/2025 17:00	1.18	1.1	0.53	0	19.91	489.73	2233.9	26.32	101.33
104	27/08/2025 16:00	1.14	1.08	0.54	0	19.91	475.16	638.4	26.56	101.33
105	27/08/2025 15:00	1.14	1.09	0.56	0	20.06	475.16	3844.95	25.06	101.33
106	27/08/2025 14:00	0.9	0.82	0.39	0	20.62	413.94	2305.8	25.32	101.33
107	27/08/2025 13:00	0.67	0.57	0.28	0	20.82	358.56	2347.58	24.37	101.33
108	27/08/2025 12:00	0.72	8.27	2.97	0	20.85	306.08	746.25	23.06	101.33
109	27/08/2025 11:00	0.52	3.47	1.3	0	19.67	303.17	737.51	22.56	101.33
110	27/08/2025 10:00	0.46	0.4	0.19	0	20.42	282.76	731.68	22.13	101.33
111	27/08/2025 09:00	0.45	0.38	0.22	0	20.4	274.01	725.85	21.92	101.33
112	27/08/2025 08:00	0.48	0.41	0.21	0	20.4	285.67	728.76	22.3	101.33
113	27/08/2025 07:00	0.52	0.46	0.2	0	20.34	291.5	725.85	22.43	101.33
114	27/08/2025 06:00	0.56	0.48	0.23	0	20.45	300.25	722.93	22.85	101.33
115	27/08/2025 05:00	0.46	0.4	0.22	0	20.76	282.76	722.93	22.93	101.33
116	27/08/2025 04:00	0.54	0.42	0.21	47.39	20.88	306.08	2324.26	23.39	101.33
117	27/08/2025 03:00	0.48	0.42	0.17	63.18	20.97	303.17	722.93	23.89	101.33
118	27/08/2025 02:00	0.5	0.42	0.22	63.2	20.95	332.32	728.76	25.4	101.33
119	27/08/2025 01:00	0.46	0.41	0.2	63.2	20.92	329.41	725.85	25.94	101.33
120	27/08/2025 00:00	0.48	2.32	0.85	63.19	20.88	326.49	722.93	25.94	101.33
121	26/08/2025 23:00	0.49	3.97	1.7	63.2	20.69	323.58	722.93	25.94	101.33
122	26/08/2025 22:00	0.47	0.42	0.19	63.19	20.83	329.41	3906.16	25.94	101.33
123	26/08/2025 21:00	0.55	0.46	0.25	63.21	20.84	335.24	7109.8	26.2	101.33
124	26/08/2025 20:00	0.55	0.52	0.26	63.22	20.83	352.73	702.53	26.46	101.33
125	26/08/2025 19:00	0.56	0.52	0.23	63.22	20.84	352.73	2314.55	26.58	101.33
126	26/08/2025 18:00	0.56	0.48	0.25	63.22	20.82	358.56	711.27	27.13	101.33
127	26/08/2025 17:00	0.61	0.5	0.26	63.23	20.83	367.3	5495.83	27.72	101.33
128	26/08/2025 16:00	0.6	0.5	0.26	63.24	20.82	376.05	696.7	27.97	101.33
129	26/08/2025 15:00	0.59	0.49	0.26	63.24	20.84	376.05	696.7	27.97	101.33
130	26/08/2025 14:00	0.54	0.45	0.22	63.22	20.85	358.56	699.61	27.96	101.33
131	26/08/2025 13:00	0.5	0.47	0.22	63.22	20.87	358.56	699.61	27.95	101.33
132	26/08/2025 12:00	0.52	0.47	0.31	63.21	20.86	352.73	702.53	27.57	101.33
133	26/08/2025 11:00	0.46	3.93	1.38	63.21	21.03	317.75	696.7	26.94	101.33
134	26/08/2025 10:00	0.55	0.47	0.2	63.21	21.01	335.24	687.95	26.5	101.33
135	26/08/2025 09:00	0.53	0.46	0.22	63.21	20.96	329.41	2199.89	26.95	101.33
136	26/08/2025 08:00	0.52	0.43	0.21	63.21	20.91	326.49	684.06	26.95	101.33
137	26/08/2025 07:00	0.52	0.52	0.22	63.22	20.79	343.98	686.98	27.21	101.33
138	26/08/2025 06:00	0.53	0.5	0.22	63.21	20.58	346.9	687.95	27.46	101.33
139	26/08/2025 05:00	0.55	0.52	0.24	63.22	20.49	332.32	684.06	27.46	101.33
140	26/08/2025 04:00	0.52	0.46	0.21	63.2	20.36	335.24	672.4	28.12	101.33
141	26/08/2025 03:00	0.57	0.54	0.27	63.23	20.78	361.47	672.4	28.93	101.33
142	26/08/2025 02:00	0.55	0.48	0.25	63.23	20.89	349.81	664.63	28.97	101.33
143	26/08/2025 01:00	0.62	0.52	0.27	63.22	20.86	346.9	2255.27	28.97	101.33
144	26/08/2025 00:00	0.55	0.49	0.24	63.21	20.83	323.57	641.31	28.96	101.33
145	25/08/2025 23:00	0.68	7.44	3.93	63.22	21.18	332.32	638.4	28.59	101.33
146	25/08/2025 22:00	0.63	0.56	0.27	63.22	21.18	323.58	623.82	28.8	101.33
147	25/08/2025 21:00	0.62	0.57	0.26	63.23	21.12	332.32	629.65	29.81	101.33

148	25/08/2025 20:00	2.96	0.59	0.29	63.23	21.02	349.81	612.16	32.07	101.33
149	25/08/2025 19:00	6.26	0.6	0.32	63.24	20.91	367.3	597.59	33.96	101.33
150	25/08/2025 18:00	4.58	0.65	0.31	63.25	20.77	49724.87	55762.9	41.48	101.39
151	25/08/2025 17:00	20.63	0.69	0.34	63.26	20.58	280164.19	298880.73	60.69	101.69
152	25/08/2025 16:00	237.57	0.68	0.34	63.25	20.61	310670.15	332641.84	71.73	101.73
153	25/08/2025 15:00	265.37	0.62	0.31	63.23	20.62	311350.33	331617.67	71.07	101.73
154	25/08/2025 14:00	219.74	0.62	0.29	63.24	20.72	315007.74	333367.68	73.03	101.74
155	25/08/2025 13:00	271.09	0.56	0.28	63.22	20.72	307964.99	329045.64	67.21	101.73
156	25/08/2025 12:00	221.9	38.61	18.97	63.23	20.65	314144.89	334542.45	67.19	101.74
157	25/08/2025 11:00	200.76	8.87	3.75	63.23	21.52	306041.06	333499.83	68.9	101.73
158	25/08/2025 10:00	154.73	0.47	0.23	63.23	21.62	311166.68	331115.32	64.25	101.73
159	25/08/2025 09:00	189.69	1.24	1.24	63.24	21.56	322712.22	339233.73	72.41	101.75
160	25/08/2025 08:00	222.38	33.79	22.81	63.23	21.44	320795.08	337783.01	74.38	101.74
161	25/08/2025 07:00	219.01	46.94	27.63	63.23	21.31	306482.21	321823.12	74.34	101.73
162	25/08/2025 06:00	192.48	46.46	26.75	63.24	21.25	302382.68	313484.15	75.32	101.72
163	25/08/2025 05:00	193.67	46.36	29.37	63.25	21.14	289062.86	311010.24	77.71	101.7
164	25/08/2025 04:00	225.12	58.13	35.65	63.26	20.99	290793.42	316426.4	85.32	101.71
165	25/08/2025 03:00	254.53	36.8	19.85	63.26	20.91	274789.82	309022.18	83.94	101.68
166	25/08/2025 02:00	218.73	26.02	19.85	63.25	20.95	291343.39	315338.12	77.33	101.71
167	25/08/2025 01:00	224.2	30.28	24.23	63.25	20.81	283817.71	307868.8	79.53	101.7
168	25/08/2025 00:00	175.29	69.81	38.97	63.26	20.71	297196.81	311933.34	77.34	101.71
169	24/08/2025 23:00	167.24	7.72	3.51	63.24	19.38	303452.5	316187.37	80.46	101.72
170	24/08/2025 22:00	283.08	0.6	0.29	63.26	19.46	289960.69	314399.47	79.55	101.7
171	24/08/2025 21:00	188.61	0.6	0.31	63.26	19.44	294489.7	312294.81	69.91	101.71
172	24/08/2025 20:00	194.48	0.5	0.25	63.25	19.58	293226.51	311215.27	81.62	101.71
173	24/08/2025 19:00	202.46	0.6	0.28	63.26	19.82	281285.51	311917.8	80.99	101.69
174	24/08/2025 18:00	196.6	0.61	0.32	63.25	19.84	265859.08	312142.25	79.15	101.67
175	24/08/2025 17:00	176.05	0.62	0.31	63.26	20.1	275541.89	311891.56	75.18	101.68
176	24/08/2025 16:00	138.24	0.72	0.33	63.26	20.33	327207.22	339760.38	73.36	101.76
177	24/08/2025 15:00	80.02	0.69	0.34	63.26	20.38	326659.19	330796.61	65.01	101.75
178	24/08/2025 14:00	224.8	0.7	0.35	63.26	20.28	299324.79	329454.72	78.47	101.72
179	24/08/2025 13:00	153	9.75	3.99	63.26	20.41	295486.64	328256.63	78	101.71
180	24/08/2025 12:00	271.47	60.02	28.8	63.3	20.47	297017.04	323298.13	82.68	101.71
181	24/08/2025 11:00	189.33	8.09	3.38	63.33	19.62	318434.87	338175.56	84.55	101.74
182	24/08/2025 10:00	203.06	0.63	0.31	63.31	19.46	324643.92	341518.15	83.94	101.75
183	24/08/2025 09:00	215.46	0.56	0.26	63.26	19.56	336937.64	347043.14	85	101.77
184	24/08/2025 08:00	232.08	0.63	0.32	63.26	19.64	303661.41	317906.27	84.69	101.72
185	24/08/2025 07:00	211.06	0.62	0.3	63.25	19.79	304016.08	317879.06	77.53	101.72
186	24/08/2025 06:00	170	0.59	0.3	63.24	19.86	316276.77	334162.52	75.89	101.74
187	24/08/2025 05:00	213.97	0.64	0.31	63.24	19.88	301682.1	330721.79	80.45	101.72
188	24/08/2025 04:00	225.65	0.63	0.32	63.25	20	288115.47	315905.58	79.61	101.7
189	24/08/2025 03:00	229.81	10.88	3.96	63.24	20.15	291497.89	311197.78	77.49	101.71
190	24/08/2025 02:00	224.33	49.44	22.13	63.26	20.19	268976.24	306873.79	83.05	101.68
191	24/08/2025 01:00	189.12	59.61	26.96	63.26	20.31	286331.46	307565.63	81.67	101.7
192	24/08/2025 00:00	209.54	70.34	33.31	63.26	20.4	279150.72	313216.93	81.91	101.69
193	23/08/2025 23:00	156.19	15.36	6.63	63.25	20.08	290958.61	312764.13	78.1	101.71
194	23/08/2025 22:00	264.27	0.57	0.27	63.25	19.98	276288.15	309465.27	72	101.69
195	23/08/2025 21:00	88.38	5.09	1.36	63.26	20.04	302220.4	314998.02	65.94	101.72
196	23/08/2025 20:00	235.75	9.16	1.11	63.24	20.04	238655.86	285716.38	63.29	101.64
197	23/08/2025 19:00	6.3	0.47	0.25	63.23	20.35	44875.21	47083.84	40.63	101.39
198	23/08/2025 18:00	0.57	0.71	0.27	63.25	20.41	486.82	320.66	42.65	101.33

199	23/08/2025 17:00	0.66	8.18	0.44	63.29	20.38	521.8	291.5	46.21	101.33
200	23/08/2025 16:00	2.47	16.39	2.84	63.32	20.38	583.01	271.1	51.04	101.33
201	23/08/2025 15:00	8.97	16.95	5.07	63.32	20.29	191101.73	210411.97	67.36	101.58
202	23/08/2025 14:00	250.93	33.88	14.36	63.34	20.08	303057.02	324415.57	86.28	101.72
203	23/08/2025 13:00	261.34	35.58	15.59	63.31	20.17	277135.46	318184.17	86.13	101.69
204	23/08/2025 12:00	235.01	56.19	26.6	63.27	20.39	300670.57	322280.78	84.09	101.72
205	23/08/2025 11:00	166.96	11.55	10.18	63.26	20.97	300371.29	326270.51	81.36	101.72
206	23/08/2025 10:00	218.52	6.78	10.5	63.23	21.03	300393.64	325479.56	78.07	101.72
207	23/08/2025 09:00	181.83	11.61	11.77	63.24	21.03	313426.81	329805.5	76.12	101.73
208	23/08/2025 08:00	182.98	18.35	14.89	63.23	20.89	306708.61	322797.72	77.17	101.73
209	23/08/2025 07:00	152.37	25.85	17.24	63.25	20.72	312048	325120.04	71.93	101.73
210	23/08/2025 06:00	205.19	35.5	21.1	63.28	20.59	301358.52	323414.74	77.05	101.72
211	23/08/2025 05:00	196.8	39.91	22.11	63.29	20.58	299191.67	326753.44	78.52	101.72
212	23/08/2025 04:00	223.49	46.4	25.5	63.32	20.51	299224.7	323462.35	78.79	101.71
213	23/08/2025 03:00	180.58	45.64	24.44	63.3	20.49	298525.09	322541.2	77.02	101.72
214	23/08/2025 02:00	129.71	41.56	22.63	63.27	20.64	302426.4	330719.85	74.25	101.72
215	23/08/2025 01:00	200.76	44.79	21.99	63.29	20.55	301188.48	323859.77	79.56	101.72
216	23/08/2025 00:00	182.93	99.95	48.28	63.31	20.54	306281.06	325615.6	76.86	101.73
217	22/08/2025 23:00	174	18.33	8.54	63.31	20.13	290281.35	315259.41	82.46	101.7
218	22/08/2025 22:00	199.25	0.86	0.45	63.3	19.9	292516.21	315587.84	81.48	101.71
219	22/08/2025 21:00	202.37	0.86	0.42	63.3	19.87	303372.81	314682.23	75.75	101.72
220	22/08/2025 20:00	242.44	2.21	0.42	63.29	19.66	260039.67	309508.99	63.21	101.67
221	22/08/2025 19:00	2.27	29.05	10.7	63.3	20.03	54526.93	36864.66	42.94	101.4
222	22/08/2025 18:00	6.1	79.93	34.16	63.33	19.97	67371.59	69073.01	49.44	101.42
223	22/08/2025 17:00	124.96	121.02	53.65	63.32	19.83	274543.01	296049.25	73.29	101.68
224	22/08/2025 16:00	140.58	132.77	59.57	63.33	19.8	284541.62	330616.85	81.15	101.7
225	22/08/2025 15:00	200.63	133.06	59.51	63.34	19.85	301836.59	330233.04	78.82	101.72
226	22/08/2025 14:00	207.58	121.43	56.16	63.31	19.9	311256.08	322140.86	76.71	101.73
227	22/08/2025 13:00	183.42	103.52	49.24	63.27	20.2	308547.03	317795.5	75.97	101.73
228	22/08/2025 12:00	202.97	107.63	51.75	63.26	20.36	312959.44	320643.5	83.19	101.73
229	22/08/2025 11:00	212.45	38.88	19.04	63.23	20.42	307511.21	317895.58	85.3	101.73
230	22/08/2025 10:00	221.82	51.14	23.54	63.23	20.17	310023.99	318689.45	81.36	101.73
231	22/08/2025 09:00	192.1	57.56	26.22	63.23	19.96	316194.17	317526.35	76.56	101.74
232	22/08/2025 08:00	210.55	63.17	28.38	63.24	20.11	308458.6	320655.16	79.74	101.73
233	22/08/2025 07:00	226.96	71.09	34.79	63.27	20.44	301150.58	330728.59	83.43	101.72
234	22/08/2025 06:00	219.32	76.78	36.6	63.28	20.27	311270.65	340904.05	75	101.73
235	22/08/2025 05:00	188.24	81.46	36.47	63.29	20.31	307402.38	334826.17	76.09	101.73
236	22/08/2025 04:00	238.01	88.49	40.14	63.27	20.19	313701.8	336988.17	77.29	101.74
237	22/08/2025 03:00	188.2	85.42	38.64	63.3	20.31	308452.77	329442.09	74.67	101.73
238	22/08/2025 02:00	135.23	79.12	36.34	63.29	20.38	308803.56	334616.29	71.33	101.73
239	22/08/2025 01:00	120.75	81.85	37.86	63.27	20.35	317448.61	345802.3	62.35	101.74
240	22/08/2025 00:00	220.71	93.55	45.32	63.29	20.43	318566.04	357154.47	67.08	101.74
241	21/08/2025 23:00	181.73	56.66	28.25	63.3	20.48	320687.23	353591.31	72.05	101.75
242	21/08/2025 22:00	130.19	70.44	36.38	63.3	20.5	309908.35	327937.92	73.08	101.73
243	21/08/2025 21:00	179.16	66.77	32.72	63.26	20.56	315910.44	340227.76	72.55	101.74
244	21/08/2025 20:00	231.88	66.34	33.59	63.25	20.4	299967.08	314494.7	64.73	101.72
245	21/08/2025 19:00	21.01	49.92	26.75	63.26	20.82	50905.47	69749.3	41.99	101.4
246	21/08/2025 18:00	6.13	48.49	25.13	63.25	20.86	531.51	32.07	45.97	101.33
247	21/08/2025 17:00	19.18	62.35	31.32	63.27	20.68	186112.14	200143.24	62.49	101.57
248	21/08/2025 16:00	206.3	76.43	37.56	63.29	20.49	313640.59	326907.94	81.11	101.73
249	21/08/2025 15:00	234.19	78.45	38.42	63.28	20.45	313649.33	330991.92	81.95	101.74

250	21/08/2025 14:00	275.68	77.83	38.45	63.29	20.38	309629.48	327763.99	82.31	101.73
251	21/08/2025 13:00	239.96	78.81	38.71	63.28	20.38	315696.67	328714.29	80.68	101.74
252	21/08/2025 12:00	308.78	93.87	44.67	63.27	20.35	314000.11	332169.6	80.53	101.74
253	21/08/2025 11:00	164.72	30.65	14.89	63.28	20.26	319295.78	332929.45	74.31	101.74
254	21/08/2025 10:00	218.92	58.59	29.8	63.28	19.93	312837	328325.62	71.5	101.73
255	21/08/2025 09:00	159.08	78.45	37.93	63.27	19.95	308920.15	311573.82	55.09	101.73
256	21/08/2025 08:00	9.58	65.7	31.66	63.26	20.11	170699.32	174716.25	39.56	101.55
257	21/08/2025 07:00	9.96	67.4	32.14	63.26	20.02	17530.12	47937.95	40.06	101.35
258	21/08/2025 06:00	17.29	64.58	31.89	63.26	20.21	189689.88	247896.56	52.62	101.57
259	21/08/2025 05:00	205.22	70.4	35.41	63.26	20.06	314233.31	339128.78	80.58	101.74
260	21/08/2025 04:00	259.78	67.43	33.67	63.24	19.94	290968.33	317550.64	82.23	101.71
261	21/08/2025 03:00	234.69	63.96	32.02	63.26	20.05	310945.14	323588.67	84.28	101.73
262	21/08/2025 02:00	280.07	67.28	32.59	63.24	20.04	304903.21	323620.74	81.43	101.73
263	21/08/2025 01:00	252.13	56.95	27.78	63.24	20.35	314229.43	337417.65	79.7	101.74
264	21/08/2025 00:00	253.49	48.8	23.28	63.24	20.39	302357.41	321133.23	75.35	101.72
265	20/08/2025 23:00	206.4	21.45	12.37	63.25	20.58	311094.78	326528.98	72.92	101.73
266	20/08/2025 22:00	276.85	26.8	16.2	63.24	20.52	284861.3	326199.58	67.26	101.7
267	20/08/2025 21:00	214.78	23.36	14.35	63.22	20.56	279783.29	313926.27	48.3	101.69
268	20/08/2025 20:00	114.49	22.91	12.82	63.21	20.57	285811.6	312435.7	48	101.7
269	20/08/2025 19:00	76.73	6.66	7.2	63.2	20.84	45013.19	61976.81	28.66	101.39
270	20/08/2025 18:00	1.56	1.32	1.52	63.2	20.94	364.39	11.66	28.62	101.33
271	20/08/2025 17:00	0.48	2.04	2.03	63.21	20.93	373.13	11.66	29.63	101.33
272	20/08/2025 16:00	0.49	1.68	1.39	63.23	20.91	390.62	0	30.47	101.33
273	20/08/2025 15:00	0.54	0.54	0.56	63.23	20.93	402.28	0	30.47	101.33
274	20/08/2025 14:00	0.46	5.06	3.17	63.21	20.88	376.05	0	30.47	101.33
275	20/08/2025 13:00	0.49	16.48	7.57	63.21	20.83	378.96	0	30.47	101.33
276	20/08/2025 12:00	0.68	30.1	14.87	63.25	20.76	413.94	0	30.57	101.33
277	20/08/2025 11:00	0.67	25.29	16.1	63.24	20.63	67429.9	116622.28	31.35	101.42
278	20/08/2025 10:00	0.63	25.47	16.25	63.23	20.6	396.45	0	28.22	101.33
279	20/08/2025 09:00	0.64	23.34	13.57	63.23	20.64	378.96	0	27.01	101.33
280	20/08/2025 08:00	0.64	11.79	7.27	63.23	20.69	378.96	1591.62	26.3	101.33
281	20/08/2025 07:00	0.68	11.29	7.31	63.23	20.65	358.56	0	25.71	101.33
282	20/08/2025 06:00	0.69	11.45	6.83	63.22	20.66	352.73	1588.7	25.46	101.33
283	20/08/2025 05:00	0.63	11.33	6.97	63.22	20.67	349.81	1588.7	25.96	101.33
284	20/08/2025 04:00	0.61	14.17	7.68	63.22	20.69	343.98	6351.89	25.95	101.33
285	20/08/2025 03:00	0.61	13.11	7.36	63.21	20.69	349.81	4760.27	25.95	101.33
286	20/08/2025 02:00	0.57	15.63	8.28	63.2	20.73	335.24	1588.7	25.95	101.33
287	20/08/2025 01:00	0.56	14.79	7.64	63.2	20.78	332.32	0	26.41	101.33
288	20/08/2025 00:00	0.61	19.23	9.71	63.21	20.8	346.9	0	26.46	101.33
289	19/08/2025 23:00	0.56	9.02	5.33	63.2	20.71	338.15	1585.79	26.95	101.33
290	19/08/2025 22:00	0.56	8.6	5.26	63.21	20.67	343.98	0	26.96	101.33
291	19/08/2025 21:00	0.6	12.29	6.78	63.21	20.67	352.73	0	26.96	101.33
292	19/08/2025 20:00	0.59	12.29	6.5	63.21	20.67	349.81	0	27.25	101.33
293	19/08/2025 19:00	0.56	14.7	6.74	63.2	20.68	346.9	0	27.66	101.33
294	19/08/2025 18:00	0.6	15.79	7.42	63.21	20.69	346.9	0	27.95	101.33
295	19/08/2025 17:00	0.54	15.08	6.73	63.2	20.67	332.32	0	28.32	101.33
296	19/08/2025 16:00	0.6	17.4	8.1	63.22	20.67	346.9	0	28.45	101.33
297	19/08/2025 15:00	0.62	18.11	7.45	63.23	20.72	352.73	1582.87	28.58	101.33
298	19/08/2025 14:00	0.61	19.44	8.54	63.22	20.74	349.81	0	28.96	101.33
299	19/08/2025 13:00	0.61	20.67	9.3	63.22	20.76	349.81	0	28.87	101.33
300	19/08/2025 12:00	0.59	22.22	9.35	63.21	20.76	329.4	0	28.16	101.33

301	19/08/2025 11:00	0.53	4.27	3	63.2	20.78	317.74	0	27.95	101.33
302	19/08/2025 10:00	0.6	0.55	3.01	63.2	20.71	317.74	0	27.62	101.33
303	19/08/2025 09:00	0.59	0.57	2.57	63.2	20.73	317.74	0	27.45	101.33
304	19/08/2025 08:00	0.59	1.37	2.75	63.2	20.73	311.91	0	27.03	101.33
305	19/08/2025 07:00	0.56	3.5	3.93	63.19	20.72	300.25	1578.98	26.74	101.33
306	19/08/2025 06:00	0.59	5.77	4.09	63.19	20.71	297.34	0	26.45	101.33
307	19/08/2025 05:00	0.62	5.54	3.02	63.19	20.71	297.34	0	25.95	101.33
308	19/08/2025 04:00	0.59	6.61	3.6	63.2	20.7	300.25	1576.07	26.29	101.33
309	19/08/2025 03:00	0.6	9.23	5.21	63.2	20.71	306.08	0	26.75	101.33
310	19/08/2025 02:00	0.59	12.06	5.55	63.19	20.72	309	0	27.83	101.33
311	19/08/2025 01:00	0.61	17.07	8.36	63.19	20.75	314.83	0	28.92	101.33
312	19/08/2025 00:00	0.65	15.6	7.44	63.2	20.75	320.66	0	29.43	101.33
313	18/08/2025 23:00	0.62	108.62	49.14	63.2	21.08	332.32	1576.07	30.23	101.33
314	18/08/2025 22:00	0.59	131.8	59.39	63.2	21.11	341.07	0	31.32	101.33
315	18/08/2025 21:00	0.59	131.37	59.57	63.2	21.16	349.81	0	33.2	101.33
316	18/08/2025 20:00	0.56	127.73	59.62	63.2	21.3	349.81	0	35.08	101.33
317	18/08/2025 19:00	1.23	101.85	49.55	63.16	21.62	338.15	0	39.03	101.33
318	18/08/2025 18:00	6.87	87.47	47.33	63.06	22.17	19571.63	16096.89	48.39	101.36
319	18/08/2025 17:00	68.01			63.05	22.16	281875.32	289082.29	75.44	101.69
320	18/08/2025 16:00	279.72	0.21	0.09	63.16	21.51	321808.55	331570.07	86.28	101.75
321	18/08/2025 15:00	232	0.52	0.26	63.24	21	301705.41	336639.34	81.06	101.72
322	18/08/2025 14:00	214.09	0.54	0.27	63.25	20.92	317915.02	342205.13	81.16	101.74
323	18/08/2025 13:00	232.65	0.63	0.29	63.27	20.67	327947.64	337418.63	80.59	101.75
324	18/08/2025 12:00	257.41	2.23	0.82	63.3	20.58	324503.03	339494.13	80.32	101.75
325	18/08/2025 11:00	238.34	13.92	6.68	63.32	20.37	330710.13	342668.62	80.51	101.76
326	18/08/2025 10:00	162.17	0.84	0.4	63.3	20.23	323745.11	346638.92	80.33	101.75
327	18/08/2025 09:00	186.19	0.83	0.4	63.29	20.21	340856.44	351715.96	79.11	101.77
328	18/08/2025 08:00	262.8	0.84	0.41	63.29	20.1	316630.45	333759.27	85.08	101.74
329	18/08/2025 07:00	226.26	0.82	0.41	63.27	19.96	304751.64	320033.29	83.55	101.72
330	18/08/2025 06:00	257.37	0.76	0.39	63.25	19.96	276202.64	307872.67	81.41	101.69
331	18/08/2025 05:00	263.87	0.81	0.42	63.26	19.85	291436.67	312765.1	79.44	101.71
332	18/08/2025 04:00	283.53	0.79	0.4	63.25	19.76	297815.77	313005.11	78.35	101.71
333	18/08/2025 03:00	267.82	0.71	0.36	63.24	19.73	284592.15	307716.24	71.95	101.7
334	18/08/2025 02:00	62.59	0.69	0.35	63.24	19.92	126033.03	230218.75	56.69	101.49
335	18/08/2025 01:00	302.11	0.57	0.27	63.22	19.69	312661.13	329938.62	84.47	101.73
336	18/08/2025 00:00	257.02	2.42	1.38	63.23	19.78	317893.65	326737.9	78.25	101.74
337	17/08/2025 23:00	159.92	5.98	2.26	63.23	22.09	310708.05	328721.1	77.55	101.73
338	17/08/2025 22:00	178.08	0.5	0.23	64.64	22.39	317736.22	332089.92	76.46	101.74
339	17/08/2025 21:00	227.2	0.55	0.27	75.89	22.3	321941.67	330301.05	80.55	101.75
340	17/08/2025 20:00	240.59	0.61	0.31	77.48	22.23	313762.05	327027.45	74.67	101.74
341	17/08/2025 19:00	151.63	0.6	0.28	71.47	22.24	323383.64	334507.46	80.19	101.75
342	17/08/2025 18:00	209.64	0.48	0.27	69.2	22.11	319887.53	327162.52	80.72	101.74
343	17/08/2025 17:00	211.61	0.55	0.24	64.34	21.91	316535.22	330587.7	83.08	101.74
344	17/08/2025 16:00	308.74	0.63	0.28	62.65	21.11	309060.07	331600.19	88.25	101.73
345	17/08/2025 15:00	244.65	0.68	0.33	29.63	20.53	321263.43	329553.83	83.13	101.75
346	17/08/2025 14:00	175.71	0.69	0.36	32.53	20.56	294743.31	316978.32	72.62	101.71
347	17/08/2025 13:00	277.18	0.74	0.36	13.4	20.47	306586.17	324819.79	89.17	101.73
348	17/08/2025 12:00	236.85	3.07	1.75	9.24	20.56	309124.21	326945.84	87.07	101.73
349	17/08/2025 11:00	253.19	23.49	10.47	20.95	20.37	309508.02	321356.72	86.8	101.73
350	17/08/2025 10:00	244.2	0.4	0.17	40.04	20.36	299639.62	324715.82	84.55	101.72
351	17/08/2025 09:00	210.12	0.36	0.19	54.52	20.28	298961.38	323426.4	78.36	101.72

11/08/2025 14:00

352	17/08/2025 08:00	377.72	0.61	0.28	67.47	20.19	315070.91	328862.96	82.55	101.74
353	17/08/2025 07:00	362.94	0.88	0.45	74.66	20.37	295356.44	320650.31	85.46	101.71
354	17/08/2025 06:00	332.83	0.97	0.5	78.54	20.22	290463.05	316501.22	85.96	101.71
355	17/08/2025 05:00	339.49	0.88	0.43	80.01	20.16	283116.16	318978.04	85.36	101.7
356	17/08/2025 04:00	290.73	0.88	0.45	80.42	20.07	277027.6	314047.73	81.56	101.69
357	17/08/2025 03:00	267.77	0.78	0.41	79.63	20.14	290302.72	317146.42	81.18	101.7
358	17/08/2025 02:00	276.08	0.53	0.26	81.25	20.32	292201.39	316531.34	81.51	101.71
359	17/08/2025 01:00	244.01	0.06	0.04	81.52	20.63	297837.15	319713.6	80.77	101.72
360	17/08/2025 00:00	331.83	0.07	1.16	81.52	20.65	290225.96	318228.87	80.71	101.7
361	16/08/2025 23:00	302.48	11.1	4.82	80.74	19.91	300897.95	317444.72	79.52	101.72
362	16/08/2025 22:00	395.83	0.01	0.01	82.04	19.73	292145.04	318098.66	79.03	101.71
363	16/08/2025 21:00	274.59	0.18	0.1	81.55	20.59	300312.99	322170.01	75.58	101.72
364	16/08/2025 20:00	395.65	0.06	0.05	82.69	20.6	241249.28	298206.38	60.94	101.64
365	16/08/2025 19:00	2.1	0.11	0.05	82.44	20.98	47017.76	37516.66	34.03	101.39
366	16/08/2025 18:00	0.44	0.15	0.08	81.68	20.92	279.84	0	34.29	101.33
367	16/08/2025 17:00	5.42	0.27	0.12	80.59	20.85	317.74	0	36.23	101.33
368	16/08/2025 16:00	13.34	0.42	0.22	77.34	20.71	358.56	0	38.87	101.33
369	16/08/2025 15:00	33.45	0.62	0.3	68.43	20.54	187940.85	204449.73	54.24	101.57
370	16/08/2025 14:00	267.53	0.7	0.34	70.69	20.22	304070.49	332909.05	81.38	101.72
371	16/08/2025 13:00	276.82	0.67	0.32	79.26	20.2	305320.07	333843.81	83.3	101.73
372	16/08/2025 12:00	287.24	3.95	2.87	80.68	20.39	298143.22	332045.22	84.25	101.72
373	16/08/2025 11:00	289.61	55.26	15.09	79.45	20.12	293093.39	329273.98	74.54	101.71
374	16/08/2025 10:00	318.46	30.86	0.93	79.54	20.1	315767.6	331048.27	77.59	101.74
375	16/08/2025 09:00	243.3	31.52	4.99	60.21	18.18	232605.91	242945.31	71.68	92.49
376	16/08/2025 08:00					19.52	0	0	83.16	101.71
377	16/08/2025 07:00					19.37	0	0	77.93	101.75
378	16/08/2025 06:00					19.25	0	0	80.68	101.75
379	16/08/2025 05:00					19.22	0	0	80.87	101.73
380	16/08/2025 04:00					19.64	0	0	76.62	101.73
381	16/08/2025 03:00					20.25	0	0	75.64	101.74
382	16/08/2025 02:00					18.76	0	0	63.11	84.78
383	16/08/2025 01:00					20.64	0	0	78.47	101.73
384	16/08/2025 00:00					20.48	0	0	78.62	101.73
385	15/08/2025 23:00					13.34	0	0	51.26	67.82
386	15/08/2025 22:00					16.48	0	0	63.37	84.78
387	15/08/2025 21:00					19.84	0	0	70.36	101.73
388	15/08/2025 20:00					20.07	0	0	52.56	101.72
389	15/08/2025 19:00					20.55	0	0	35.58	50.74
390	15/08/2025 18:00					17.13	0	0	31.7	0
391	15/08/2025 17:00					0	0	0	0	0
392	15/08/2025 16:00					0	0	0	0	0
393	15/08/2025 15:00					0	0	0	0	0
394	14/08/2025 13:00	7.14	128.37	73.56	2.28	19.91	312382.59	400035.69	107.56	101.33
395	14/08/2025 12:00	7.06	128.23	73.53	2.14	19.91	298478.85	384751.38	103.84	101.33
396	14/08/2025 11:00	7.16	128.22	73.5	9.06	19.91	303625.23	363126.92	100.29	101.33
397	14/08/2025 10:00	7.15	128.35	73.54	13.46	19.91	294661.47	367656.51	97.87	101.33
398	14/08/2025 09:00	7.16	128.25	73.5	19.08	19.91	301651.46	365175.55	92.27	101.33
399	14/08/2025 08:00	7.19	128.41	73.64	17.36	19.91	303918.67	368718.16	93.57	101.33
400	14/08/2025 07:00	7.18	128.35	73.57	21.25	19.91	292972.34	348474.34	90.09	101.33
401	14/08/2025 06:00	7.29	128.41	73.58	21.1	19.91	261825.31	325672.95	86.68	101.33
402	14/08/2025 05:00	7.2	128.34	73.63	21.49	19.91	266885.6	328468.55	86.88	101.33

403	14/08/2025 04:00	7.22	128.34	73.53	21.35	19.91	270654.63	329004.38	82.58	101.33
404	14/08/2025 03:00	7.24	128.25	73.55	23.3	19.91	283476.63	337592.24	71.69	101.33
405	14/08/2025 02:00	7.33	128.44	73.67	25.05	19.91	281451.66	327457.01	59.59	101.33
406	14/08/2025 01:00	7.24	128.38	73.59	25.38	19.91	119630.69	152389.32	34.85	101.33
407	14/08/2025 00:00	7.1	128.26	73.52	25.28	19.91	2146.36	1889.28	32.4	101.33
408	13/08/2025 23:00	7.1	128.27	73.58	25.09	19.91	2160.68	1891.67	32.95	101.33
409	13/08/2025 22:00	6.98	128.19	73.46	24.75	19.91	2123.45	1871.62	33.2	101.33
410	13/08/2025 21:00	7	128.17	73.44	24.44	19.91	2125.62	1869.67	33.75	101.33
411	13/08/2025 20:00	7.02	128.23	73.42	24.23	19.91	2154.48	1885.46	34.32	101.33
412	13/08/2025 19:00	7.14	128.28	73.5	23.33	19.91	2168.53	9224.42	34.97	101.33
413	13/08/2025 18:00	7.04	128.17	73.48	20.37	19.91	2170.23	1884.99	36.1	101.33
414	13/08/2025 17:00	7.2	128.29	73.59	13.24	19.91	2202.61	1913	37.94	101.33
415	13/08/2025 16:00	7.04	128.22	73.52	9.47	19.91	2171.66	1899.79	38.41	101.33
416	13/08/2025 15:00	7.02	128.2	73.57	8.07	19.91	2206.76	1926.96	38.43	101.33
417	13/08/2025 14:00	7.13	128.31	73.59	7.4	19.91	2187.89	1904.56	38.04	101.33
418	13/08/2025 13:00	7.13	128.2	73.54	6.88	19.91	2175.96	1904.08	38.1	101.33
419	13/08/2025 12:00	7.12	128.25	73.44	9.81	19.91	2158.77	1889.76	39.27	101.33
420	13/08/2025 11:00	7.11	128.22	73.53	16.03	19.91	2187.89	1901.22	37.66	101.33
421	13/08/2025 10:00	6.98	128.22	73.47	22.87	19.91	207413.1	258395.15	39.28	101.33
422	13/08/2025 09:00	7.17	128.34	73.59	26.21	19.91	155912.67	107934.71	33.58	101.33
423	13/08/2025 08:00	6.99	128.14	73.48	27.19	19.91	2100.38	1889.52	30.24	101.33
424	13/08/2025 07:00	7.03	128.21	73.47	27.74	19.91	2087.87	1889.63	30.73	101.33
425	13/08/2025 06:00	6.94	128.13	73.43	27.38	19.91	2086.33	1880.37	32.09	101.33
426	13/08/2025 05:00	7.23	128.42	73.58	26.41	19.91	2160.34	1937.81	34.06	101.33
427	13/08/2025 04:00	7.18	128.37	73.58	25.42	19.91	2171.18	1896.57	35.55	101.33
428	13/08/2025 03:00	7.18	128.38	73.62	25.08	19.91	2198.08	1920.01	36.4	101.33
429	13/08/2025 02:00	7.27	128.44	73.62	24.91	19.91	2185.5	1923.66	36.81	101.33
430	13/08/2025 01:00	7.26	128.38	73.64	24.9	19.91	2208.41	1934.64	36.81	101.33
431	13/08/2025 00:00	7.17	128.4	73.59	24.5	19.91	2187.24	1917.84	37.26	101.33
432	12/8/2025 23:00	7.2	128.4	73.62	24.37	19.91	2210.67	3933.06	37.9	101.33
433	12/8/2025 22:00	7.18	128.37	73.55	24.16	19.91	2212.23	1918.89	38.19	101.33
434	12/8/2025 21:00	7.21	128.35	73.56	23.98	19.91	2218.48	1927.39	38.69	101.33
435	12/8/2025 20:00	7.22	128.41	73.58	23.87	19.91	2219.78	1934.33	39.26	101.33
436	12/8/2025 19:00	7.25	128.36	73.55	23.37	19.91	2196	1931.3	39.71	101.33
437	12/8/2025 18:00	7.32	128.45	73.65	21.81	19.91	2245.16	4031.55	40.96	101.33
438	12/8/2025 17:00	7.23	128.36	73.62	17.47	19.91	2225.12	1925.57	42.39	101.33
439	12/8/2025 16:00	7.23	128.44	73.62	14.84	19.91	2238	1934.34	42.85	101.33
440	12/8/2025 15:00	7.2	128.34	73.58	21.79	19.91	2228.46	1919.58	41.43	101.33
441	12/8/2025 14:00	7.09	128.3	73.61	11.67	19.91	2220.5	1909.81	42.83	101.33
442	12/8/2025 13:00	7.19	128.37	73.59	10.69	19.91	2251.02	1926.09	43.15	101.33
443	12/8/2025 12:00	7.25	128.39	73.53	10.44	19.91	2242.34	1923.05	44.62	101.33
444	12/8/2025 11:00	7.27	128.41	73.56	16.14	19.91	2248.34	1934.48	44.55	101.33
445	12/8/2025 10:00	7.2	128.38	73.57	18.26	19.91	2236.94	6824.51	44.69	101.33
446	12/8/2025 9:00	7.12	128.33	73.64	19.08	19.91	2257.09	1936.07	44.2	101.33
447	12/8/2025 8:00	7.17	128.35	73.57	21.69	19.91	2230.37	1930.82	42.58	101.33
448	12/8/2025 7:00	7.18	128.35	73.54	23.26	19.91	2202.2	1937.51	41.06	101.33
449	12/8/2025 6:00	7.17	128.34	73.64	24.71	19.91	2193.62	1913.64	39.99	101.33
450	12/8/2025 5:00	7.15	128.31	73.55	24.83	19.91	2175.48	1910.29	40.57	101.33
451	12/8/2025 4:00	7.09	128.29	73.54	24.5	19.91	2157.92	1885.67	41.26	101.33
452	12/8/2025 3:00	7.31	128.45	73.62	24.17	19.91	2219.39	1905.04	42.33	101.33
453	12/8/2025 2:00	7.25	128.44	73.63	24.05	19.91	2235.14	1910.29	43.22	101.33

454	12/8/2025 1:00	7.23	128.37	73.62	23.74	19.91	2209.89	1895.22	44.13	101.33
455	12/8/2025 0:00	7.31	128.4	73.63	23.42	19.91	2224.16	1893.58	44.97	101.33
456	11/8/2025 23:00	7.26	128.43	73.63	23.2	19.91	2217.61	5891.42	45.88	101.33
457	11/8/2025 22:00	7.31	128.45	73.65	23.06	19.91	2236.7	1894.41	45.38	101.33
458	11/8/2025 21:00	7.29	128.45	73.66	22.58	19.91	2240.6	1880.08	44.98	101.33
459	11/8/2025 20:00	7.35	128.55	73.71	21.62	19.91	2278.79	1889.63	46.94	101.33
460	11/8/2025 19:00	7.31	128.5	73.72	20.26	19.91	2282.26	1911.33	48.99	101.33
461	11/8/2025 18:00	7.33	128.54	73.69	16.38	19.91	20028.22	25046.45	55.27	101.33
462	11/8/2025 17:00	7.46	128.74	73.78	9.26	19.91	247285.83	287663.51	75.43	101.33
463	11/8/2025 16:00	7.36	128.68	73.75	3.77	19.91	322336.68	370334.27	96.19	101.33
464	11/8/2025 15:00	7.32	128.48	73.68	0.54	19.91	305331.89	373074.31	103.45	101.33
465	11/8/2025 14:00	7.26	128.5	73.67	0.97	19.91	297672.51	365419.04	101.69	101.33
466	11/8/2025 13:00	7.35	128.59	73.73	0	19.91	301504.8	368653.47	100.12	101.32
467	11/8/2025 12:00	7.37	128.54	73.76	0.61	19.91	301742.57	368993.33	101.38	101.32
468	11/8/2025 11:00	7.5	128.58	73.77	9.5	19.91	306054.98	373518.78	103.42	101.33
469	11/8/2025 10:00	7.48	128.61	73.76	13.53	19.91	308562.13	370593.04	96.96	101.33
470	11/8/2025 9:00	7.44	128.72	73.74	11.09	19.91	323908.58	370492.78	91.92	101.33
471	11/8/2025 8:00	7.26	128.67	73.77	13.64	19.91	319399.14	372918.54	94.45	101.33
472	11/8/2025 7:00	7.33	128.49	73.72	12.62	19.91	315695.56	371047.59	94.65	101.33
473	11/8/2025 6:00	7.39	128.49	73.7	10.9	19.91	320408.23	373932.24	96.73	101.33
474	11/8/2025 5:00	7.32	128.58	73.71	12.05	19.91	317620.82	374530.74	97.51	101.33
475	11/8/2025 4:00	7.42	128.45	73.66	12.48	19.91	317776.97	375226.59	100.92	101.33
476	11/8/2025 3:00	7.41	128.43	73.64	13.93	19.91	320014.18	375710	94.75	101.33
477	11/8/2025 2:00	7.26	128.5	73.69	14.37	19.91	323529.88	368808.26	88.74	101.33
478	11/8/2025 1:00	7.36	128.53	73.66	13.72	19.91	319701.76	372404.39	93.22	101.33
479	11/8/2025 0:00	7.29	128.55	73.71	14.52	19.91	319263.97	374144.01	94.59	101.33
480	10/8/2025 23:00	7.43	128.55	73.72	13.95	19.91	311410.94	372728.61	97.24	101.33
481	10/8/2025 22:00	7.51	128.74	73.78	12.99	19.91	314894.15	366363.85	100.12	101.33
482	10/8/2025 21:00	7.39	128.62	73.72	12.92	19.91	313265.24	361209.95	100.61	101.33
483	10/8/2025 20:00	7.23	128.53	73.67	11.84	19.91	311244.44	363545.59	100.85	101.33
484	10/8/2025 19:00	7.48	128.43	73.66	11.64	19.91	310006.9	365960.72	103.07	101.33
485	10/8/2025 18:00	7.19	128.72	73.83	11.35	19.91	308880.95	361575.24	100.28	101.33
486	10/8/2025 17:00	7.46	128.56	73.77	14.82	19.91	314688.01	361903.67	97.63	101.33
487	10/8/2025 16:00	7.45	128.52	73.67	20.75	19.91	311817.53	366773.67	92.34	101.33
488	10/8/2025 15:00	7.66	128.77	73.8	15.11	19.91	317597.67	364647.73	92.25	101.33
489	10/8/2025 14:00	7.4	128.73	73.81	0.28	19.91	317094.47	360410.72	95.08	101.33
490	10/8/2025 13:00	7.43	128.51	73.7	0.87	19.91	317024.3	367941.35	105.03	101.33
491	10/8/2025 12:00	7.51	128.67	73.79	1.04	19.91	325127.57	365638.18	106.23	101.33
492	10/8/2025 11:00	7.55	128.41	73.66	5.74	19.91	325381.97	364055.98	105.29	101.33
493	10/8/2025 10:00	7.39	128.46	73.66	8.43	19.91	323255.77	363399.49	106.46	101.33
494	10/8/2025 9:00	7.23	128.51	73.7	7.52	19.91	325141.41	381287.67	98.12	101.33
495	10/8/2025 8:00	7.34	128.69	73.81	7.81	19.91	312968.05	359790.05	104.42	101.33
496	10/8/2025 7:00	7.28	128.6	73.7	11.6	19.91	314349.62	359171.78	101.56	101.33
497	10/8/2025 6:00	7.52	128.56	73.74	14.46	19.91	310367.67	368799.32	104.07	101.33
498	10/8/2025 5:00	7.31	128.51	73.73	19.47	19.91	310213.99	362608.38	100.17	101.33
499	10/8/2025 4:00	7.31	128.53	73.73	19.42	19.91	302063.49	361399.98	97.81	101.33
500	10/8/2025 3:00	7.38	128.6	73.72	19.55	19.91	270450.36	326948.85	92.05	101.33
501	10/8/2025 2:00	7.27	128.61	73.81	18.76	19.91	313224.2	372071.68	94.64	101.33
502	10/8/2025 1:00	7.49	128.52	73.63	17.55	19.91	311083.12	363423.82	96.01	101.33
503	10/8/2025 0:00	7.38	128.73	73.79	18.48	19.91	314676.42	363727.19	93.16	101.33
504	9/8/2025 23:00	7.33	128.55	73.7	18.59	19.91	312029.8	361760.67	95.92	101.33

505	9/8/2025 22:00	7.47	128.54	73.73	18.08	19.91	312249.6	351894.19	88.88	101.33
506	9/8/2025 21:00	7.44	128.72	73.79	17.86	19.91	306054.5	351794.87	91.5	101.33
507	9/8/2025 20:00	7.4	128.59	73.78	20.95	19.91	302227.66	343855.79	82.12	101.33
508	9/8/2025 19:00	7.3	128.39	73.69	20.65	19.91	52025.69	91883.19	52.81	101.33
509	9/8/2025 18:00	7.42	128.59	73.7	14.65	19.91	52812.99	73359.34	61.66	101.33
510	9/8/2025 17:00	7.32	128.52	73.7	7.75	19.91	255040.56	324945.07	89.42	101.33
511	9/8/2025 16:00	7.27	128.45	73.74	2.18	19.91	301722.7	364222.59	100.52	101.33
512	9/8/2025 15:00	7.39	128.45	73.69	0	19.91	311366.62	369084.84	104.85	101.32
513	9/8/2025 14:00	7.11	128.7	73.78	0	19.91	312250.55	363359.69	102.51	101.32
514	9/8/2025 13:00	7.41	128.6	73.78	0.26	19.91	313018.48	366397.79	101.54	101.32
515	9/8/2025 12:00	7.35	128.48	73.69	2.41	19.91	312070.92	365089.2	103.51	101.33
516	9/8/2025 11:00	7.28	128.45	73.66	3.4	19.91	313016.58	369760.85	102.6	101.33
517	9/8/2025 10:00	7.49	128.35	73.45	6.46	19.91	314490.43	362565.89	100.19	101.33
518	9/8/2025 9:00	7.19	128.58	73.71	6.4	19.91	314199.76	367887.41	101.7	101.33
519	9/8/2025 8:00	7.29	128.49	73.69	8.91	19.91	314802.57	370255.48	97.88	101.33
520	9/8/2025 7:00	7.07	128.43	73.6	13.43	19.91	312159.86	366030.17	97.71	101.33
521	9/8/2025 6:00	7.21	128.39	73.59	17.76	19.91	301091.27	370416.86	99.59	101.33
522	9/8/2025 5:00	7.14	128.26	73.56	18.24	19.91	301525.63	371881.38	98.09	101.33
523	9/8/2025 4:00	7.13	128.29	73.58	13.95	19.91	305278.91	376853.68	94.89	101.33
524	9/8/2025 3:00	7.14	128.29	73.55	12.9	19.91	296041.58	370509.05	95.49	101.33
525	9/8/2025 2:00	7.09	128.19	73.52	12.89	19.91	292870.8	368905.64	96.38	101.33
526	9/8/2025 1:00	7.23	128.37	73.63	13.13	19.91	304075.17	368567.54	89.57	101.33
527	9/8/2025 0:00	7.07	128.19	73.5	14.83	19.91	293116.82	371064.54	96.44	101.33
528	8/8/2025 23:00	7.17	128.41	73.62	11.97	19.91	287491.86	374192.18	99.06	101.33
529	8/8/2025 22:00	7.17	128.39	73.64	13.92	19.91	302091.42	359824.8	93.54	101.33
530	8/8/2025 21:00	7.08	128.21	73.53	15.4	19.91	287596.17	356501.92	94.23	101.33
531	8/8/2025 20:00	7.16	128.29	73.46	19.46	19.91	287576.6	357130.73	85.46	101.33
532	8/8/2025 19:00	7.12	128.28	73.53	20.9	19.91	79570.27	70131.39	52.53	101.33
533	8/8/2025 18:00	7.03	128.18	73.47	16.19	19.91	2323.38	1901.06	56.3	101.33
534	8/8/2025 17:00	7.13	128.37	73.55	7.44	19.91	192890.74	247057.83	85.5	101.33
535	8/8/2025 16:00	7.13	128.2	73.48	0.1	19.91	265227.01	365673.04	104.71	101.32
536	8/8/2025 15:00	6.97	128.27	73.55	0.45	19.91	306057.04	376351.32	103.88	101.32
537	8/8/2025 14:00	7.2	128.52	73.7	0.16	19.91	293688.59	367628.55	104.3	101.32
538	8/8/2025 13:00	7.17	128.28	73.56	0	19.91	299932.91	370962.13	104.88	101.32
539	8/8/2025 12:00	7.2	128.35	73.63	0.5	19.91	299652.09	365679.03	101.95	101.32
540	8/8/2025 11:00	7.27	128.53	73.7	7.98	19.91	302691.93	364446.83	101.16	101.33
541	8/8/2025 10:00	7.08	128.39	73.64	12.87	19.91	305274.15	366854.23	100.81	101.33
542	8/8/2025 9:00	7.19	128.56	73.67	12.33	19.91	303032.37	369883.59	97.8	101.33
543	8/8/2025 8:00	7.31	128.44	73.67	10.66	19.91	306131.34	368002.47	98.99	101.33
544	8/8/2025 7:00	7.56	128.55	73.68	14.51	19.91	303763.92	364641.44	95.62	101.33
545	8/8/2025 6:00	7.44	128.67	73.74	18.08	19.91	316717.41	375291.99	99.7	101.33
546	8/8/2025 5:00	7.51	128.63	73.66	19.32	19.91	312245.78	375371.7	102.91	101.33
547	8/8/2025 4:00	7.33	128.56	73.72	18.29	19.91	318023.48	380139.34	102.83	101.33
548	8/8/2025 3:00	7.4	128.48	73.66	12.62	19.91	329636.9	377471.49	94.29	101.33
549	8/8/2025 2:00	7.41	128.47	73.63	13.29	19.91	326154.68	376109.34	102.61	101.33
550	8/8/2025 1:00	7.21	128.52	73.66	10.69	19.91	324701.05	391882.57	96.23	101.33
551	8/8/2025 0:00	7.19	128.56	73.68	10.39	19.91	321173.95	391034.46	92.65	101.33
552	7/8/2025 23:00	7.28	128.45	73.62	12.79	19.91	311900.15	376675.46	96.7	101.33
553	7/8/2025 22:00	7.21	128.26	73.54	14.86	19.91	318240.84	363155.55	92.79	101.33
554	7/8/2025 21:00	7.31	128.48	73.67	18.88	19.91	317435.93	367561.17	87.39	101.33
555	7/8/2025 20:00	7.26	128.41	73.69	21.45	19.91	317673.4	362089.41	78.2	101.33

556	7/8/2025 19:00	7.27	128.43	73.65	22.11	19.91	129639.26	144046.75	51.22	101.33
557	7/8/2025 18:00	7.19	128.33	73.57	16.76	19.91	2319.14	1941.9	51.08	101.33
558	7/8/2025 17:00	7.22	128.36	73.6	10.29	19.91	131522.68	173387.81	67.91	101.33
559	7/8/2025 16:00	7.34	128.38	73.59	10.05	19.91	352280.51	419297.92	96.55	101.33
560	7/8/2025 15:00	7.34	128.46	73.64	10.26	19.91	352213.69	410240.46	96.04	101.33
561	7/8/2025 14:00	7.2	128.36	73.63	8.81	19.91	351667.07	413941.07	98.83	101.33
562	7/8/2025 13:00	7.34	128.38	73.49	4.82	19.91	323300.37	386774.04	103.9	101.33
563	7/8/2025 12:00	7.18	128.37	73.59	9.65	19.91	317366.99	389751.67	102.93	101.33
564	7/8/2025 11:00	7.24	128.16	73.52	11.57	19.91	325866.95	404402.65	103.84	101.33
565	7/8/2025 10:00	7.27	128.4	73.59	18.46	19.91	301581.75	375692.97	97.3	101.33
566	7/8/2025 9:00	7.16	128.41	73.58	21.76	19.91	313477.16	378238.72	78.67	101.33
567	7/8/2025 8:00	7.2	128.48	73.64	22.7	19.91	335569.16	402190	88.65	101.33
568	7/8/2025 7:00	7.31	128.42	73.64	24.82	19.91	318249.43	383893.23	102.15	101.33
569	7/8/2025 6:00	7.41	128.63	73.82	25.25	19.91	303847.81	369343.17	91.26	101.33
570	7/8/2025 5:00	7.39	128.52	73.63	24.42	19.91	293743.22	361074.36	91.72	101.33
571	7/8/2025 4:00	7.35	128.33	73.58	23.76	19.91	256638.35	297086.23	64.21	101.33
572	7/8/2025 3:00	7.28	128.45	73.6	23.52	19.91	293730.34	344589.32	77.77	101.33
573	7/8/2025 2:00	6.93	128.31	73.56	25.99	19.91	299041.82	366524.3	92.58	101.33
574	7/8/2025 1:00	7.22	128.23	73.52	28.12	19.91	299976.2	360018.36	85.38	101.33
575	7/8/2025 0:00	7.27	128.46	73.65	25.76	19.91	294539.55	352746.12	79.52	101.33
576	6/8/2025 23:00	7.29	128.32	73.51	21.3	19.91	288447.15	350169.21	95.25	101.33
577	6/8/2025 22:00	7.36	128.38	73.54	21.51	19.91	287681.9	344875.33	85.78	101.33
578	6/8/2025 21:00	7.24	128.36	73.57	19.57	19.91	326584.23	359832.56	81.69	101.33
579	6/8/2025 20:00	7.31	128.52	73.66	24.3	19.91	321880.16	345960.58	68.74	101.33
580	6/8/2025 19:00	7.13	128.31	73.61	25.04	19.91	89178.92	94957.03	34.74	101.33
581	6/8/2025 18:00	7.24	128.39	73.62	24.57	19.91	2177.86	1894.06	32.72	101.33
582	6/8/2025 17:00	7.13	128.28	73.54	23.65	19.91	2149.7	1886.42	34.03	101.33
583	6/8/2025 16:00	7.16	128.28	73.5	22.84	19.91	2167.36	4089.79	34.27	101.33
584	6/8/2025 15:00	7.11	128.3	73.57	22.13	19.91	2158.45	1848.01	34.75	101.33
585	6/8/2025 14:00	7.23	128.36	73.6	21.04	19.91	2182.03	1884.42	34.9	101.33
586	6/8/2025 13:00	7.18	128.32	73.57	19.64	19.91	2178.56	1881.82	35.48	101.33
587	6/8/2025 12:00	7.16	128.28	73.51	17.25	19.91	2165.54	1869.67	36.15	101.33
588	6/8/2025 11:00	7.23	128.34	73.51	18	19.91	2177.38	1884.98	35.4	101.33
589	6/8/2025 10:00	7.23	128.38	73.58	21.62	19.91	2144.93	242419.93	34.39	101.33
590	6/8/2025 2:00	7.18	128.34	73.5	27.33	19.91	2108.08	1890.98	32.38	101.33
591	6/8/2025 1:00	7.13	128.27	73.52	27.24	19.91	2100.39	1881.16	32.37	101.33
592	6/8/2025 0:00	7.28	128.38	73.6	27.36	19.91	2099.99	3911.07	32.39	101.33
593	5/8/2025 23:00	7.28	128.38	73.62	27.58	19.91	2102.45	1899.79	32.4	101.33
594	5/8/2025 22:00	7.28	128.33	73.59	27.72	19.91	2121.54	1897.88	32.7	101.33
595	5/8/2025 21:00	7.25	128.39	73.64	27.18	19.91	2132.47	1913.79	33.37	101.33
596	5/8/2025 20:00	7.25	128.44	73.66	27.02	19.91	2106.09	1888.76	33.48	101.33
597	5/8/2025 19:00	7.23	128.37	73.61	25.21	19.91	2128.75	1879.84	36.3	101.33
598	5/8/2025 18:00	7.24	128.38	73.59	20.23	19.91	2221.29	1862.55	40.57	101.33
599	5/8/2025 17:00	7.32	128.47	73.7	18.18	19.91	2222.25	1885.46	41.26	101.33
600	5/8/2025 16:00	7.29	128.43	73.61	15.34	19.91	2203	1861.27	42.1	101.33
601	5/8/2025 15:00	7.2	128.37	73.59	13.02	19.91	2192.66	1834.85	42.88	101.33
602	5/8/2025 14:00	7.2	128.42	73.64	12.11	19.91	2231.93	1876.61	43.48	101.33
603	5/8/2025 13:00	7.18	128.34	73.56	10.42	19.91	2231.93	1847.96	44.85	101.33
604	5/8/2025 12:00	7.22	128.38	73.61	8.29	19.91	2243.57	1864.06	45.6	101.33
605	5/8/2025 11:00	7.29	128.42	73.62	9.51	19.91	2257.62	1874.54	45.53	101.33
606	5/8/2025 10:00	7.3	128.45	73.61	12.21	19.91	2247.54	1877.91	44.34	101.33

607	5/8/2025 9:00	7.23	128.41	73.62	16.22	19.91	2205.07	1866.36	42.7	101.33
608	5/8/2025 8:00	7.27	128.41	73.62	18.94	19.91	2199.34	1863.97	42.45	101.33
609	5/8/2025 7:00	7.22	128.41	73.59	21.36	19.91	2145.58	1859.68	42.1	101.33
610	5/8/2025 6:00	7.31	128.47	73.64	22.72	19.91	2205.46	1868.36	41.82	101.33
611	5/8/2025 5:00	7.25	128.4	73.61	22.84	19.91	2183.77	1856.21	42.16	101.33
612	5/8/2025 4:00	7.23	128.4	73.63	22.67	19.91	2188.97	1854.91	42.85	101.33
613	5/8/2025 3:00	7.36	128.49	73.7	22.33	19.91	2214.61	1882.12	43.84	101.33
614	5/8/2025 2:00	7.31	128.44	73.63	22.03	19.91	2194.51	1848.54	44.47	101.33
615	5/8/2025 1:00	7.28	128.41	73.59	21.33	19.91	2216.92	1858.88	45.23	101.33
616	5/8/2025 0:00	7.32	128.47	73.64	19.98	19.91	2232.75	1875.44	46.17	101.33
617	4/8/2025 23:00	7.27	128.44	73.64	18.37	19.91	2230.84	1899.79	47.48	101.33
618	4/8/2025 22:00	7.3	128.47	73.64	18.42	19.91	2244.36	1908.49	48.47	101.33
619	4/8/2025 21:00	7.37	128.49	73.66	17.83	19.91	2265.34	1920.88	49.72	101.33
620	4/8/2025 20:00	7.28	128.48	73.7	16.86	19.91	2285.73	1914.59	51.01	101.33
621	4/8/2025 19:00	7.25	128.42	73.63	13.88	19.91	2303.39	1931.77	50.59	101.33
622	4/8/2025 18:00	7.36	128.51	73.68	9.91	19.91	169922.27	208459.45	61.35	101.33
623	4/8/2025 17:00	7.41	128.56	73.73	1.57	19.91	209397.11	266845.5	80.77	101.32
624	4/8/2025 16:00	7.57	128.72	73.84	0	19.91	318579.28	368433.12	96.94	101.32
625	4/8/2025 15:00	7.6	128.75	73.79	0	19.92	323088.79	368265.36	100.55	101.32
626	4/8/2025 14:00	7.61	128.68	73.87	0	19.92	296971.85	367287.26	105.21	101.32
627	4/8/2025 13:00	7.59	128.73	73.77	0	19.91	256505.28	356399.18	102.74	101.32
628	4/8/2025 12:00	7.28	128.44	73.67	0.52	19.91	308094.31	366014.54	97.68	101.32
629	4/8/2025 11:00	7.44	128.57	73.74	8.17	19.91	306355.36	368183.02	99.55	101.33
630	4/8/2025 10:00	7.55	128.72	73.81	12.07	19.91	308284.35	378393.91	97.48	101.33
631	4/8/2025 9:00	7.47	128.59	73.75	14.75	19.91	295029.32	365919.39	96.25	101.33
632	4/8/2025 8:00	7.43	128.53	73.71	17.63	19.91	292175.08	354450.18	84.68	101.33
633	4/8/2025 7:00	7.37	128.48	73.69	19.89	19.91	311485.47	356603.16	74.88	101.33
634	4/8/2025 6:00	7.42	128.48	73.62	18.96	19.91	282561.33	353091.62	80.4	101.33
635	4/8/2025 5:00	7.59	128.61	73.78	19.17	19.91	293029.17	353054.69	82.54	101.33
636	4/8/2025 4:00	7.73	128.64	73.76	19.04	19.91	300382.5	354214.07	79.1	101.33
637	4/8/2025 3:00	7.52	128.77	73.82	17.91	19.91	328705.25	367802.91	84.92	101.33
638	4/8/2025 2:00	7.53	128.59	73.66	19.55	19.91	307829.63	351514.32	89.89	101.33
639	4/8/2025 1:00	7.37	128.56	73.71	15.2	19.91	323191.98	356003.97	81.98	101.33
640	4/8/2025 0:00	7.3	128.52	73.74	13.67	19.91	302273.8	354754.68	91.09	101.33
641	3/8/2025 23:00	7.22	128.54	73.67	11.25	19.91	318994.53	360659.95	91.5	101.33
642	3/8/2025 22:00	7.32	128.36	73.59	13.27	19.91	319040.82	358551.11	90.55	101.33
643	3/8/2025 21:00	7.33	128.53	73.71	13.45	19.91	315950.9	359227.16	93.62	101.33
644	3/8/2025 20:00	7.36	128.37	73.56	13.47	19.91	333024.44	359407.57	90.46	101.33
645	3/8/2025 19:00	7.25	128.41	73.63	13.1	19.91	307479.66	363230.48	82.03	101.33
646	3/8/2025 18:00	7.22	128.47	73.62	11.53	19.91	272308.71	344675.68	85.19	101.33
647	3/8/2025 17:00	7.24	128.5	73.67	8.68	19.91	284794.22	350403.11	73.38	101.33
648	3/8/2025 16:00	7.1	128.35	73.59	6.03	19.91	149677	180313.05	57.82	101.33
649	3/8/2025 15:00	7.2	128.33	73.56	6.7	19.91	2238.48	10722.36	49.41	101.33
650	3/8/2025 14:00	7.12	128.29	73.56	7.2	19.91	2235.39	1921.75	50.43	101.33
651	3/8/2025 13:00	7.07	128.25	73.45	6.69	19.91	2212.4	1897.44	49.97	101.33
652	3/8/2025 12:00	7.16	128.26	73.56	7.96	19.91	2248.61	1915.91	50.61	101.33
653	3/8/2025 11:00	7.1	128.29	73.52	10.98	19.91	2259.48	1932.25	51.93	101.33
654	3/8/2025 10:00	7.03	128.23	73.53	14	19.91	2266.64	1916.44	52.63	101.33
655	3/8/2025 9:00	7.12	128.28	73.55	15	19.91	2295.75	1928.43	54.26	101.33
656	3/8/2025 8:00	7.08	128.32	73.56	15.51	19.91	2265.45	1923.54	52.82	101.33
657	3/8/2025 7:00	7.24	128.34	73.6	13.45	19.91	102304.55	121895.67	62.34	101.33

658	3/8/2025 6:00	7.15	128.26	73.56	18.77	19.91	265070.46	346478.61	90.86	101.33
659	3/8/2025 5:00	7.26	128.39	73.56	21.98	19.91	315573.38	360792.69	80.69	101.33
660	3/8/2025 4:00	7.14	128.37	73.57	22.64	19.91	290340.04	339755.8	72.49	101.33
661	3/8/2025 3:00	7.21	128.39	73.61	16.98	19.91	214030.01	274306.4	61.99	101.33
662	3/8/2025 2:00	7.18	128.46	73.63	15.79	19.91	329227.01	367336.37	93.29	101.33
663	3/8/2025 1:00	7.15	128.35	73.55	16.9	19.91	312169.42	367406.61	99.5	101.33
664	3/8/2025 0:00	7.35	128.43	73.59	14.1	19.91	307722.89	373456.07	99.29	101.33
665	2/8/2025 23:00	7.07	128.5	73.73	12.24	19.91	293405.13	372281.76	99.59	101.33
666	2/8/2025 22:00	7.28	128.4	73.62	9.49	19.91	294434.21	362739.04	95.84	101.33
667	2/8/2025 21:00	7.4	128.44	73.6	10.69	19.91	310951.87	365485.9	90.44	101.33
668	2/8/2025 20:00	7.24	128.61	73.68	19.15	19.91	240460.19	352135.66	93.89	101.33
669	2/8/2025 19:00	7.21	128.44	73.6	20.95	19.91	101584.73	137663.4	53.14	101.33
670	2/8/2025 18:00	7.36	128.52	73.7	19.18	19.91	2286.33	1940.25	51.59	101.33
671	2/8/2025 17:00	7.33	128.45	73.65	12.58	19.91	40138.82	51281.92	61.46	101.33
672	2/8/2025 16:00	7.27	128.49	73.65	7.67	19.91	276583.89	332266.71	99.68	101.33
673	2/8/2025 15:00	7.36	128.57	73.7	0.33	19.91	301047.35	376351.91	107.48	101.32
674	2/8/2025 14:00	7.21	128.46	73.64	0	19.91	275711.4	369895.49	104.98	101.32
675	2/8/2025 13:00	7.17	128.37	73.61	0	19.91	292507.63	361241.04	107.57	101.32
676	2/8/2025 12:00	7.16	128.45	73.67	0	19.91	337686.72	389266.11	109.86	101.32
677	2/8/2025 11:00	7.13	128.37	73.55	3.83	19.91	310250.27	373257.63	104.53	101.33
678	2/8/2025 10:00	7.15	128.29	73.6	6.16	19.91	293413.61	365369.14	101.79	101.33
679	2/8/2025 9:00	7.27	128.23	73.51	10.23	19.91	315918.45	370952.56	100.3	101.33
680	2/8/2025 8:00	7.15	128.41	73.54	11.72	19.91	302501.31	363864.72	99.33	101.33
681	2/8/2025 7:00	7.06	128.29	73.49	12.95	19.91	305618.09	361587.4	92.5	101.33
682	2/8/2025 6:00	7.13	128.35	73.57	12.62	19.91	327471.01	370286.3	90.01	101.33
683	2/8/2025 5:00	7.18	128.4	73.68	12.74	19.91	294799.29	361344.62	93.82	101.33
684	2/8/2025 4:00	7.25	128.39	73.54	15	19.91	305918.34	363424.67	93.75	101.33
685	2/8/2025 3:00	7.13	128.18	73.51	17.95	19.91	298320.33	364939.2	91.42	101.33
686	2/8/2025 2:00	7.07	128.11	73.46	14.1	19.91	312135.56	370142.21	93.88	101.33
687	2/8/2025 1:00	7.27	128.32	73.54	12.68	19.91	305915.14	366758.26	95.52	101.33
688	2/8/2025 0:00	7.07	128.39	73.57	11.89	19.91	297025.79	367903.17	92.46	101.33
689	1/8/2025 23:00	7.18	128.35	73.62	14.21	19.91	315948.42	371012.49	96.93	101.33
690	1/8/2025 22:00	7.18	128.33	73.6	21.04	19.91	319987.26	372130.53	97.79	101.33
691	1/8/2025 21:00	7.11	128.2	73.49	20.65	19.91	325922.64	372486.71	93.9	101.33
692	1/8/2025 20:00	7.05	128.19	73.46	22.79	19.91	277502.43	363889.66	92.99	101.33
693	1/8/2025 19:00	7.09	128.25	73.53	21.25	19.91	118495.33	127025.27	51.95	101.33
694	1/8/2025 18:00	6.95	128.12	73.45	18.45	19.91	16086.5	21882.99	54.24	101.33
695	1/8/2025 17:00	6.98	128.17	73.46	12.84	19.91	218010.15	268604.19	80.99	101.33
696	1/8/2025 16:00	7.1	128.36	73.57	15.32	19.91	332315.4	368349.65	97.63	101.33
697	1/8/2025 15:00	6.89	128.29	73.55	14.93	19.91	316386.98	357960.41	93.94	101.33
698	1/8/2025 14:00	7.09	128.28	73.52	12.93	19.91	328962.99	367473.45	90.01	101.33
699	1/8/2025 13:00	7.16	128.26	73.54	14.84	19.91	302408.6	364239.77	97.75	101.33
700	1/8/2025 12:00	7.15	128.09	73.44	12.98	19.91	291297.09	361571.34	99.91	101.33
701	1/8/2025 11:00	6.96	128.21	73.51	17.48	19.91	299008.63	359526.62	96.47	101.33
702	1/8/2025 10:00	6.97	128.17	73.52	21.28	19.91	315843.51	363543.19	93.21	101.33
703	1/8/2025 9:00	6.99	128.02	73.48	24.1	19.91	321327.45	376447.86	89.57	101.33
704	1/8/2025 8:00	6.97	128.12	73.38	25.29	19.9	326590.66	380900.63	86.3	101.33
705	1/8/2025 7:00	7.05	128.26	73.45	26.25	19.91	313331.34	374552.95	86.29	101.33
706	1/8/2025 6:00	7.09	128.31	73.56	26.69	19.91	324171.57	360817.49	83.73	101.33
707	1/8/2025 5:00	7.16	128.19	73.44	27.14	19.91	314347.24	366152.39	85.59	101.33
708	1/8/2025 4:00	7.12	128.02	73.33	26.69	19.91	302020.84	361526.73	83.51	101.33

709	1/8/2025 3:00	6.99	128.31	73.45	25.83	19.91	328229.88	371829.13	83.05	101.33
710	1/8/2025 2:00	6.98	128.32	73.55	23.87	19.91	311248.78	363979.84	82.62	101.33
711	1/8/2025 1:00	7.2	128.14	73.43	24.14	19.91	312743.58	358739.69	78.8	101.33
712	1/8/2025 0:00	7.16	128.29	73.51	17.54	19.91	324818.4	366387.73	85.66	101.33
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