



KẾT QUẢ QUAN TRẮC KHÍ THẢI TỰ ĐỘNG, LIÊN TỤC
THÁNG 7/2025

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

Nguyễn Văn Tuấn
Lê Tuấn

#	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	31/07/2025 23:00	6.92	128.17	73.48	18.47	19.91	320590.07	367116.8	86.96	101.33
2	31/07/2025 22:00	7.08	128.15	73.39	15.87	19.91	327218.53	366786.9	87.32	101.33
3	31/07/2025 21:00	6.97	128.41	73.63	18.29	19.91	321914.99	369324.98	87.21	101.33
4	31/07/2025 20:00	7.03	128.25	73.54	22.07	19.91	282357.62	354199.27	83.35	101.33
5	31/07/2025 19:00	7.18	128.17	73.47	22.04	19.91	123796.96	168970.56	52.13	101.33
6	31/07/2025 18:00	7.06	128.16	73.44	18.11	19.91	2229.89	1915.07	54.76	101.33
7	31/07/2025 17:00	7.07	128.27	73.46	10.08	19.91	109626.9	127774.79	64.1	101.33
8	31/07/2025 16:00	7.13	128.22	73.53	1.99	19.91	290749.6	359118.47	95.92	101.33
9	31/07/2025 15:00	7.05	128.46	73.59	2.13	19.91	318362.13	367854.46	100.34	101.33
10	31/07/2025 14:00	7.01	128.3	73.53	0	19.91	291938.57	358465.96	98.9	101.32
11	31/07/2025 13:00	7.06	128.4	73.58	0.45	19.91	306902.9	360980.99	99.8	101.32
12	31/07/2025 12:00	7.14	128.28	73.53	12.33	19.91	309028.91	363718.42	94.93	101.33
13	31/07/2025 11:00	7.12	128.15	73.48	21.45	19.91	307768.89	364914.86	93.08	101.33
14	31/07/2025 10:00	7.19	128.25	73.47	22.79	19.91	308625.82	367614.84	89.8	101.33
15	31/07/2025 09:00	7.02	128.36	73.57	23.04	19.91	310425.44	360578.79	91.03	101.33
16	31/07/2025 08:00	7.36	128.33	73.48	21.47	19.91	317550.74	363589.01	90.95	101.33
17	31/07/2025 07:00	7.11	128.26	73.58	18.47	19.91	313342.73	363077.62	83.98	101.33
18	31/07/2025 06:00	7.14	128.39	73.63	22.13	19.91	315550.29	360797.89	83.24	101.33
19	31/07/2025 05:00	7.08	128.29	73.56	24.1	19.91	324026.34	369596.2	79.02	101.33
20	31/07/2025 04:00	7.14	128.34	73.56	26.07	19.91	322790.2	370570.18	82.83	101.33
21	31/07/2025 03:00	6.94	128.3	73.51	25.18	19.91	317964.46	368370.05	81.98	101.33
22	31/07/2025 02:00	7.21	128.39	73.58	21.97	19.91	306376.18	363062.89	90.76	101.33
23	31/07/2025 01:00	7.29	128.32	73.59	19.74	19.91	308974.81	364732.07	86.79	101.33
24	31/07/2025 00:00	7.15	128.31	73.54	24.49	19.91	324024.65	365493.43	84.93	101.33
25	30/07/2025 23:00	7.11	128.38	73.57	25.65	19.91	325500.32	373543.6	80.12	101.33
26	30/07/2025 22:00	7.12	128.13	73.45	25.59	19.91	275186.88	357981.99	77.43	101.33
27	30/07/2025 21:00	7.07	128.03	73.41	24.36	19.91	283546.44	366914.38	77.29	101.33
28	30/07/2025 20:00	7.03	128.23	73.44	25.62	19.91	255674.19	339362.65	67.07	101.33
29	30/07/2025 19:00	6.97	128.15	73.47	22.86	19.91	107177.59	120896.64	39.82	101.33
30	30/07/2025 18:00	6.77	127.95	73.35	19.89	19.91	2145.72	1862.87	39.42	101.33
31	30/07/2025 17:00	6.95	128.14	73.41	13.1	19.91	2218.91	1892.15	42.76	101.33
32	30/07/2025 16:00	6.92	128.02	73.34	11.23	19.91	2225.12	1892.63	43.39	101.33
33	30/07/2025 15:00	6.88	128.04	73.36	7.12	19.91	2212.01	1885.68	44.81	101.33
34	30/07/2025 14:00	6.84	128.03	73.31	5.36	19.91	2210.32	1872.1	45.19	101.33
35	30/07/2025 13:00	6.88	128	73.37	1.46	19.91	2220.34	1877.34	45.26	101.33
36	30/07/2025 12:00	6.79	128.01	73.36	3.37	19.9	2206.5	8333.26	44.74	101.33
37	30/07/2025 11:00	6.9	128.1	73.4	7.37	19.91	2237.13	1891.8	45.4	101.33
38	30/07/2025 10:00	6.82	127.98	73.36	10.88	19.91	2209.36	1854.38	44.99	101.33
39	30/07/2025 09:00	6.81	127.97	73.35	14.25	19.9	296116.89	1873.61	45.19	101.33
40	30/07/2025 08:00	6.47	127.66	73.18	19.24	19.9	2093.51	1812.37	39.98	101.33
41	30/07/2025 07:00	6.55	127.71	73.18	22.03	19.9	2074.42	1819.75	37.3	101.33
42	30/07/2025 06:00	6.58	127.69	73.16	24.37	19.9	2059.02	1801.43	36.16	101.33
43	30/07/2025 05:00	6.6	127.73	73.15	24.96	19.9	2040.41	1809.55	36.11	101.33
44	30/07/2025 04:00	6.55	127.71	73.15	24.82	19.9	2047.62	1803.45	36.45	101.33

45	30/07/2025 03:00	6.56	127.72	73.16	24.58	19.9	2062.84	1808.12	36.74	101.33
46	30/07/2025 02:00	6.44	127.62	73.12	24.2	19.9	2033.2	1781.99	37.19	101.33
47	30/07/2025 01:00	6.42	127.54	73.06	23.5	19.9	2039.93	1759.9	37.73	101.33
48	30/07/2025 00:00	6.61	127.77	73.19	23.09	19.9	2086.47	1809.95	38.16	101.33
49	29/07/2025 23:00	6.52	127.72	73.14	22.95	19.9	2059.02	1787.11	38.75	101.33
50	29/07/2025 22:00	6.55	127.74	73.17	22.4	19.9	2089.57	1802.87	39.45	101.33
51	29/07/2025 21:00	6.32	127.52	73.09	21.99	19.9	2041.36	1765.63	39.87	101.33
52	29/07/2025 20:00	6.52	127.72	73.16	22	19.9	2106.96	1816.27	40.35	101.33
53	29/07/2025 19:00	6.54	127.72	73.11	21.85	19.9	2100.54	1807.16	40.7	101.33
54	29/07/2025 18:00	6.41	127.6	73.04	20.92	19.9	2090.04	1781.7	41.82	101.33
55	29/07/2025 17:00	6.45	127.67	73.14	17.97	19.9	2083.1	1791.54	43.47	101.33
56	29/07/2025 16:00	6.6	127.74	73.2	14.75	19.9	2134.91	1819.1	44.97	101.33
57	29/07/2025 15:00	6.45	127.57	73.09	10.1	19.9	2104.89	1773.21	46.37	101.33
58	29/07/2025 14:00	6.47	127.67	73.13	3.79	19.9	2143.98	1802.86	47.73	101.33
59	29/07/2025 13:00	6.35	127.6	73.09	2	19.9	2128.23	1800.65	47.3	101.33
60	29/07/2025 12:00	6.45	127.69	73.18	8.34	19.9	2126.32	1796.66	46.78	101.33
61	29/07/2025 11:00	6.45	127.69	73.06	12.09	19.9	2130.22	1790.06	46.78	101.33
62	29/07/2025 10:00	6.52	127.68	73.06	14.13	19.9	2147.32	1799.05	46.85	101.33
63	29/07/2025 09:00	6.5	127.67	73.2	16.09	19.9	2141.48	1810.34	47.13	101.33
64	29/07/2025 08:00	6.53	127.71	73.13	18.59	19.9	2098.64	3975.21	44.69	101.33
65	29/07/2025 07:00	6.45	127.68	73.15	22.04	19.9	2054.72	1789.02	41.37	101.33
66	29/07/2025 06:00	6.5	127.67	73.15	24.26	19.9	2047.09	1763.33	40.5	101.33
67	29/07/2025 05:00	6.55	127.69	73.17	24.62	19.9	2062.84	1785.68	40.69	101.33
68	29/07/2025 04:00	6.46	127.58	73.07	24.39	19.9	2061.41	1779.47	41.24	101.33
69	29/07/2025 03:00	6.44	127.61	73.1	24.22	19.9	2069.52	1774.7	42.19	101.33
70	29/07/2025 02:00	6.44	127.7	73.1	24.5	19.9	2066.66	1777.56	42.38	101.33
71	29/07/2025 01:00	6.56	127.72	73.17	24.48	19.9	2079.7	1781.7	43.16	101.33
72	29/07/2025 00:00	6.6	127.81	73.18	24.26	19.9	2081.93	1785.68	44.15	101.33
73	28/07/2025 23:00	6.52	127.7	73.13	24.14	19.9	2077.15	1778.04	44.78	101.33
74	28/07/2025 22:00	6.62	127.74	73.13	24.22	19.9	2074.42	1779.39	45.35	101.33
75	28/07/2025 21:00	6.62	127.77	73.21	23.94	19.9	2074.77	1783.77	46.15	101.33
76	28/07/2025 20:00	6.45	127.67	73.11	23.29	19.9	2064.87	1762.89	48.36	101.33
77	28/07/2025 19:00	6.65	127.79	73.22	21.67	19.9	2122.58	1809.33	51.64	101.33
78	28/07/2025 18:00	6.61	127.76	73.22	19.08	19.9	2171.18	1811.07	53.37	101.33
79	28/07/2025 17:00	6.58	127.75	73.13	13.94	19.9	168813.06	215653.96	69.77	101.33
80	28/07/2025 16:00	6.38	127.65	73.12	11.03	19.9	291988.94	360227.68	99.3	101.33
81	28/07/2025 15:00	6.78	127.58	73.06	11.14	19.91	289066.88	364261.05	100.21	101.33
82	28/07/2025 14:00	6.62	127.77	73.23	9.87	19.9	271596.23	363387.15	101.51	101.33
83	28/07/2025 13:00	6.53	127.91	73.21	1.39	19.9	281581.39	365065.3	103.38	101.32
84	28/07/2025 12:00	6.54	127.71	73.17	1.25	19.9	269163.43	363370.41	106.67	101.32
85	28/07/2025 11:00	6.48	127.73	73.17	7.96	19.9	280360.27	360249.99	101.86	101.33
86	28/07/2025 10:00	6.36	127.57	73.04	7.42	19.9	289445.23	362413.37	87.08	101.33
87	28/07/2025 09:00	6.44	127.52	73.04	9.3	19.9	291060.61	358889.41	92.75	101.33
88	28/07/2025 08:00	6.44	127.64	73.05	9.96	19.9	278297.7	363498.45	99.46	101.33
89	28/07/2025 07:00	6.31	127.56	73.11	9.52	19.9	277296.46	360960.73	95.3	101.33
90	28/07/2025 06:00	6.41	127.58	73.02	19.58	19.9	272137.05	353747.14	91.97	101.33
91	28/07/2025 05:00	6.4	127.55	73.13	23.14	19.9	277152.32	353189.48	90.47	101.33
92	28/07/2025 04:00	6.33	127.77	73.25	22.61	19.9	232915.74	347678.33	92.37	101.33
93	28/07/2025 03:00	6.5	127.79	73.2	23.29	19.9	263448.65	353188.05	93.67	101.33
94	28/07/2025 02:00	6.56	127.52	73.05	23.25	19.9	268889.66	363696.8	97.9	101.33
95	28/07/2025 01:00	6.55	127.72	73.13	22.97	19.9	278854.73	340441.61	94.63	101.33

96	28/07/2025 00:00	6.63	127.74	73.18	22.68	19.9	274013.74	344801.86	97.34	101.33
97	27/07/2025 23:00	6.62	127.59	73.08	22.07	19.9	301355.31	355089.95	94.99	101.33
98	27/07/2025 22:00	6.74	127.71	73.17	18.15	19.9	306558.02	356338.67	94.51	101.33
99	27/07/2025 21:00	6.23	127.58	73.02	16.35	19.9	280651.13	350734.36	97.73	101.33
100	27/07/2025 20:00	6.61	127.85	73.23	17.63	19.9	278938.78	351698.92	92.76	101.33
101	27/07/2025 19:00	6.69	127.75	73.08	15.24	19.9	292100.27	351215.27	99.27	101.33
102	27/07/2025 18:00	6.43	127.78	73.14	14.78	19.9	288324.02	362298.53	97.07	101.33
103	27/07/2025 17:00	6.66	127.84	73.22	7.75	19.91	294565.4	361501.19	98.43	101.33
104	27/07/2025 16:00	6.85	127.85	73.21	3.16	19.91	295020.73	356803.41	92.34	101.33
105	27/07/2025 15:00	6.63	127.91	73.3	0	19.91	313399.84	363712.21	93.3	101.32
106	27/07/2025 14:00	6.58	127.78	73.19	0	19.9	301787.61	371144	104.64	101.32
107	27/07/2025 13:00	6.57	127.63	73.04	0	19.9	307360.82	366787.38	105.12	101.32
108	27/07/2025 12:00	6.59	127.74	73.16	0.11	19.9	295360.04	362434.63	103.02	101.32
109	27/07/2025 11:00	6.68	127.86	73.24	2.09	19.9	297723.1	354553.52	99	101.33
110	27/07/2025 10:00	6.68	127.83	73.21	4.77	19.91	292088.81	352590.76	101.55	101.33
111	27/07/2025 09:00	6.84	127.82	73.11	7.87	19.9	289661.83	351891.34	100.21	101.33
112	27/07/2025 08:00	6.76	127.7	73.13	10.59	19.9	290614.58	356615.95	94.88	101.33
113	27/07/2025 07:00	6.62	127.71	73.18	14.89	19.9	299561.83	358910.72	90.55	101.33
114	27/07/2025 06:00	6.58	127.74	73.21	19.57	19.9	295401.61	357002.3	87.07	101.33
115	27/07/2025 05:00	6.53	127.8	73.22	15.86	19.9	310145.74	356661.26	85.64	101.33
116	27/07/2025 04:00	6.53	127.88	73.32	20.79	19.9	296521.99	354101.62	89.24	101.33
117	27/07/2025 03:00	6.49	127.78	73.22	23.56	19.9	303922.01	355526.52	87.63	101.33
118	27/07/2025 02:00	6.45	127.73	73.18	22.98	19.9	289156.7	354113.33	91.57	101.33
119	27/07/2025 01:00	6.59	127.69	73.16	24.62	19.9	288273.58	351998.82	93.65	101.33
120	27/07/2025 00:00	6.53	127.71	73.13	24.61	19.9	290661.74	352015.46	92.6	101.33
121	26/07/2025 23:00	6.53	127.56	73.1	22.87	19.9	310878.58	357607.72	93.1	101.33
122	26/07/2025 22:00	6.53	127.8	73.14	14.55	19.9	293731.12	353045.77	90.73	101.33
123	26/07/2025 21:00	6.31	127.55	73.14	18.35	19.9	307087.81	353562.36	87.13	101.33
124	26/07/2025 20:00	6.54	127.64	73.2	24.14	19.9	264676.22	345921.44	86.54	101.33
125	26/07/2025 19:00	6.5	127.65	73.07	24.26	19.9	130324.61	138261.55	49.7	101.33
126	26/07/2025 18:00	6.46	127.65	73.12	22.74	19.9	2118.2	1809.07	49.13	101.33
127	26/07/2025 17:00	6.54	127.82	73.17	17.8	19.9	78238.18	95184.94	61.77	101.33
128	26/07/2025 16:00	6.52	127.72	73.12	8.33	19.9	277663.48	355160.81	100.12	101.33
129	26/07/2025 15:00	6.71	127.73	73.14	8.44	19.9	297217.19	387288.58	104.12	101.33
130	26/07/2025 14:00	6.53	127.67	73.15	5.27	19.9	277848.2	374979.36	102.82	101.33
131	26/07/2025 13:00	6.55	127.62	73.11	3.41	19.9	316190.02	383414.15	105.14	101.33
132	26/07/2025 12:00	6.53	127.5	72.95	0.4	19.9	318297.69	386212.33	104.97	101.32
133	26/07/2025 11:00	6.7	127.87	73.22	3.25	19.9	315806.29	376926.5	104.25	101.33
134	26/07/2025 10:00	6.5	127.64	73.03	10.42	19.9	311888.69	377768.2	107.04	101.33
135	26/07/2025 09:00	6.81	127.83	73.24	14.52	19.91	300580.18	372801.96	106.73	101.33
136	26/07/2025 08:00	6.6	127.8	73.18	20.28	19.9	311942.97	376751.3	102.67	101.33
137	26/07/2025 07:00	6.8	127.8	73.26	23.33	19.91	296527.04	372011.04	99.96	101.33
138	26/07/2025 06:00	6.71	127.88	73.2	23.8	19.9	280946.7	350503.88	98.76	101.33
139	26/07/2025 05:00	6.93	127.94	73.25	23.1	19.91	280009.8	351172.3	97.2	101.33
140	26/07/2025 04:00	6.93	127.74	73.18	16.67	19.91	286668.33	350069.42	94.51	101.33
141	26/07/2025 03:00	6.59	127.86	73.29	12.37	19.9	277504.56	349440.41	93.82	101.33
142	26/07/2025 02:00	6.65	127.85	73.19	11.47	19.9	282312.67	345684.63	94.26	101.33
143	26/07/2025 01:00	6.52	127.53	73.16	13.74	19.9	286334.24	353538.28	98.1	101.33
144	26/07/2025 00:00	6.59	127.84	73.24	19.01	19.9	279980.21	350435.6	95.75	101.33
145	25/07/2025 23:00	6.77	127.64	73.11	19.84	19.9	269815.57	349823.32	98.86	101.33
146	25/07/2025 22:00	6.52	127.65	73.01	22.66	19.9	271101.57	345046.26	94.11	101.33

147	25/07/2025 21:00	6.46	127.66	73.11	22.16	19.9	290437.65	348940.69	90.48	101.33
148	25/07/2025 20:00	6.41	127.6	73.11	23.6	19.9	227647.88	320033.33	85.11	101.33
149	25/07/2025 19:00	6.56	127.8	73.24	24.05	19.9	89400.81	105801.23	51.69	101.33
150	25/07/2025 18:00	6.53	127.68	73.17	17.62	19.9	2133	1816.23	51.58	101.33
151	25/07/2025 17:00	6.42	127.56	73.07	9.72	19.9	246362.02	290476.93	77.87	101.33
152	25/07/2025 16:00	6.37	127.54	73.06	8.28	19.9	304630.12	362418.99	105.71	101.33
153	25/07/2025 15:00	6.4	127.74	73.22	12.38	19.9	311208.49	367390.86	103.01	101.33
154	25/07/2025 14:00	6.6	127.62	73.14	18.83	19.9	274247.59	354101.38	100.52	101.33
155	25/07/2025 13:00	6.55	127.85	73.23	8.91	19.9	299552.99	376412.04	102.42	101.33
156	25/07/2025 12:00	6.41	127.72	73.17	1.64	19.9	287191.35	376962.31	107.21	101.33
157	25/07/2025 11:00	6.47	127.7	73.15	1.85	19.9	300026.22	375833.16	101.7	101.33
158	25/07/2025 10:00	6.55	127.57	73.03	3.02	19.9	294478.8	385306.5	107.17	101.33
159	25/07/2025 09:00	6.59	127.62	73.14	5.34	19.9	319860.57	390996.68	108.77	101.33
160	25/07/2025 08:00	6.68	127.89	73.19	7.12	19.91	337302.98	401958.56	104.75	101.33
161	25/07/2025 07:00	6.66	127.88	73.3	7.39	19.9	324855.04	381788.98	105.26	101.33
162	25/07/2025 06:00	6.57	127.78	73.18	10.6	19.9	275049.43	353098.76	100.92	101.33
163	25/07/2025 05:00	6.68	127.68	73.09	8.96	19.9	270230.01	349591.19	100.76	101.33
164	25/07/2025 04:00	6.79	127.86	73.17	8.69	19.9	276173.89	357642.08	97.41	101.33
165	25/07/2025 03:00	6.65	127.72	73.16	12.8	19.91	281918.43	356518.65	98.84	101.33
166	25/07/2025 02:00	6.65	127.67	73.12	12.06	19.91	285093.78	355677.4	94.13	101.33
167	25/07/2025 01:00	6.66	127.96	73.29	11.68	19.9	275576.34	352328.25	95.37	101.33
168	25/07/2025 00:00	6.63	127.74	73.08	9.66	19.9	285803.98	350025.02	92.64	101.33
169	24/07/2025 23:00	6.69	127.78	73.16	12.29	19.9	303998.85	357786.73	98.53	101.33
170	24/07/2025 22:00	6.76	127.82	73.26	17.02	19.91	300847.36	360961.69	97.25	101.33
171	24/07/2025 21:00	6.66	127.68	73.16	20.48	19.91	295257.21	361345.2	92.47	101.33
172	24/07/2025 20:00	6.59	127.77	73.24	23.65	19.9	208023.17	336683.12	94.24	101.33
173	24/07/2025 19:00	6.56	127.75	73.2	25.02	19.9	182272.37	142544.87	53.75	101.33
174	24/07/2025 18:00	6.69	127.9	73.25	22.88	19.9	158782.55	1859.2	58.15	101.33
175	24/07/2025 17:00	6.37	127.65	73.14	20.97	19.9	254714.43	315895.29	88.59	101.33
176	24/07/2025 16:00	6.41	127.76	73.2	21.74	19.9	321723.61	377800.94	102.48	101.33
177	24/07/2025 15:00	6.42	127.78	73.25	19.5	19.9	307328.05	386421.11	101.23	101.33
178	24/07/2025 14:00	6.54	127.7	73.12	14.03	19.9	305483.68	383373.09	103.64	101.33
179	24/07/2025 13:00	6.76	127.78	73.15	14.14	19.91	314861.26	389447.7	107.51	101.33
180	24/07/2025 12:00	6.33	127.42	72.91	9.96	19.9	321692.74	407686.11	106.32	101.33
181	24/07/2025 11:00	6.32	127.52	72.96	12.29	19.9	321383.09	397643.96	105.84	101.33
182	24/07/2025 10:00	6.53	127.78	73.2	17.36	19.9	334127.76	395363.96	99.86	101.33
183	24/07/2025 09:00	6.48	127.84	73.26	17.79	19.9	343284.18	404822	99.52	101.33
184	24/07/2025 08:00	6.64	127.75	73.22	17.83	19.9	322074.89	385841.94	100.47	101.33
185	24/07/2025 07:00	6.75	127.85	73.24	18.38	19.9	281637.8	358331.28	97.41	101.33
186	24/07/2025 06:00	6.73	127.98	73.33	16.99	19.9	284852.76	363457.26	95.39	101.33
187	24/07/2025 05:00	6.72	127.72	73.15	15.65	19.9	279666.1	362060	96.54	101.33
188	24/07/2025 04:00	6.58	127.79	73.23	17.35	19.91	283287.89	362521.86	95.91	101.33
189	24/07/2025 03:00	6.61	127.75	73.16	16.06	19.9	281682.88	359948.67	94.51	101.33
190	24/07/2025 02:00	6.62	127.64	73.12	15.53	19.9	299077.19	365606.12	92.95	101.33
191	24/07/2025 01:00	6.65	127.67	73.17	16.6	19.9	288134.07	359428.16	93.68	101.33
192	24/07/2025 00:00	6.46	127.65	73.11	18.33	19.9	304981.57	365837.46	85.48	101.33
193	23/07/2025 23:00	6.55	127.68	73.14	24.32	19.9	296752.73	355845.35	81.89	101.33
194	23/07/2025 22:00	6.27	127.61	73.06	24.86	19.9	295137.2	360157.2	71.65	101.33
195	23/07/2025 21:00	6.34	127.65	73.11	25.42	19.9	288612.84	342572.46	61.88	101.33
196	23/07/2025 20:00	6.46	127.59	73.11	25.9	19.9	297561.6	339838.36	60.47	101.33
197	23/07/2025 19:00	6.48	127.74	73.14	25.75	19.9	120409.23	125892.77	35.36	101.33

198	23/07/2025 18:00	6.55	127.72	73.17	24.89	19.9	2073.34	4037.28	33.67	101.33
199	23/07/2025 17:00	6.35	127.51	73.07	23.08	19.9	2057.93	1792.84	36.32	101.33
200	23/07/2025 16:00	6.43	127.62	73.05	18.82	19.9	2065.74	1795.01	38.82	101.33
201	23/07/2025 15:00	6.58	127.63	73.13	14.89	19.9	5079.73	4515.67	39.56	101.33
202	23/07/2025 14:00	6.43	127.62	73.1	15.4	19.9	2066.18	1831.99	38.48	101.33
203	23/07/2025 13:00	6.49	127.68	73.13	18.83	19.9	2082.41	1831.51	37.17	101.33
204	23/07/2025 12:00	6.33	127.5	72.98	20.6	19.9	2054.24	1810.03	37.04	101.33
205	23/07/2025 11:00	6.39	127.54	73.08	21.86	19.9	2718.14	1829.6	37.16	101.33
206	23/07/2025 10:00	6.42	127.48	73.07	23.8	19.9	3939.24	1801.33	35.52	101.33
207	23/07/2025 09:00	6.51	127.64	73.1	23.92	19.9	3025.08	1797.62	35.46	101.33
208	23/07/2025 08:00	6.52	127.73	73.14	25.12	19.9	2053.45	4277.11	33.65	101.33
209	23/07/2025 07:00	6.46	127.67	73.11	27.29	19.9	2006.3	1811.94	29.65	101.33
210	23/07/2025 06:00	6.41	127.62	73.08	28.06	19.9	1980.27	1800.22	29.35	101.33
211	23/07/2025 05:00	6.42	127.62	73.08	27.49	19.9	1991.01	1799.21	29.81	101.33
212	23/07/2025 04:00	6.4	127.58	73.06	27.48	19.9	1979.21	1785.94	29.8	101.33
213	23/07/2025 03:00	6.53	127.74	73.17	27.69	19.9	2012.73	1828.17	29.82	101.33
214	23/07/2025 02:00	6.5	127.66	73.15	27.43	19.9	2014.12	1828.86	29.99	101.33
215	23/07/2025 01:00	6.49	127.67	73.14	27.12	19.9	2015.27	4263.84	30.45	101.33
216	23/07/2025 00:00	6.43	127.61	73.05	26.96	19.9	2001.96	1795.44	30.43	101.33
217	22/07/2025 23:00	6.49	127.68	73.08	27.05	19.9	2001.48	1814.59	30.44	101.33
218	22/07/2025 22:00	6.44	127.56	73.05	27.12	19.9	4499.01	1801.08	30.37	101.33
219	22/07/2025 21:00	6.44	127.61	73.11	27.85	19.9	3017.4	1801.43	29.62	101.33
220	22/07/2025 20:00	6.46	127.58	73.07	29.05	19.9	3524.92	11804.71	29.17	101.33
221	22/07/2025 19:00	6.48	127.63	73.12	29.5	19.9	1965.95	1797.62	29.18	101.33
222	22/07/2025 18:00	6.59	127.81	73.18	28.4	19.9	2001.1	1821.05	30.5	101.33
223	22/07/2025 17:00	6.48	127.62	73.13	26.98	19.9	1999.36	1801.43	32.13	101.33
224	22/07/2025 16:00	6.51	127.65	73.16	26.63	19.9	4591.86	1809.77	32.21	101.33
225	22/07/2025 15:00	6.43	127.61	73.11	27.48	19.9	2384.66	1799.78	31.69	101.33
226	22/07/2025 14:00	6.4	127.56	73.08	27.57	19.9	1971.68	1782.82	32.18	101.33
227	22/07/2025 13:00	6.46	127.65	73.1	27.3	19.9	7969.7	1796.31	32.31	101.33
228	22/07/2025 12:00	6.47	127.66	73.09	26.41	19.9	10666.29	3459.57	32.88	101.33
229	22/07/2025 11:00	6.37	127.55	73.04	27.13	19.9	10953.61	1803.82	31.49	101.33
230	22/07/2025 10:00	6.46	127.63	73.11	27.87	19.9	7499.06	1800.48	31.37	101.33
231	22/07/2025 09:00	6.35	127.52	73.12	27.75	19.9	2935.78	1788.06	31.68	101.33
232	22/07/2025 08:00	6.47	127.57	72.99	27.36	19.9	1971.2	1779.47	32.25	101.33
233	22/07/2025 07:00	6.53	127.64	73.13	27.22	19.9	1978.84	1800.48	32.57	101.33
234	22/07/2025 06:00	6.44	127.64	73.09	27.39	19.9	1978.1	1805.43	33.23	101.33
235	22/07/2025 05:00	6.55	127.66	73.11	27.07	19.9	1984.09	1796.66	33.63	101.33
236	22/07/2025 04:00	6.56	127.69	73.19	26.96	19.9	2017.15	17838.22	34.15	101.33
237	22/07/2025 03:00	6.54	127.71	73.14	27.1	19.9	2005.57	8422.54	33.58	101.33
238	22/07/2025 02:00	6.42	127.65	73.11	27.42	19.9	1982.39	1809.82	33.36	101.33
239	22/07/2025 01:00	6.52	127.6	73.04	28.24	19.9	1968.82	1831.51	32.95	101.33
240	22/07/2025 00:00	6.5	127.66	73.12	28.1	19.9	1974.63	1804.99	32.94	101.33
241	21/07/2025 23:00	6.53	127.72	73.17	28.17	19.9	1986	1812.89	33.56	101.33
242	21/07/2025 22:00	6.5	127.68	73.1	28.44	19.9	1958.79	1799.05	33.69	101.33
243	21/07/2025 21:00	6.47	127.64	73.04	28.92	19.9	1943.04	1779.47	34.44	101.33
244	21/07/2025 20:00	6.55	127.7	73.17	29.09	19.9	1966.38	1806.73	35.28	101.33
245	21/07/2025 19:00	6.39	127.59	73.08	29.11	19.9	1961.18	1798.57	36.75	101.33
246	21/07/2025 18:00	6.4	127.62	73.08	28.81	19.9	1948.16	1781.99	36.75	101.33
247	21/07/2025 17:00	6.4	127.61	73.1	27.95	19.9	78130.32	101527.43	50.6	101.33
248	21/07/2025 16:00	6.55	127.7	73.12	27.67	19.9	323082.15	378270.61	89.73	101.33

249	21/07/2025 15:00	6.09	127.48	73	27.61	19.9	333210.96	386942.82	82.85	101.33
250	21/07/2025 14:00	6.46	127.36	72.85	27.46	19.9	328216.43	396310.59	90.32	101.33
251	21/07/2025 13:00	6.29	127.61	73.16	27.29	19.9	320764.28	373355.01	90.27	101.33
252	21/07/2025 12:00	6.56	127.56	73.05	26.86	19.9	308373.12	376443.56	95.46	101.33
253	21/07/2025 11:00	6.46	127.66	73.14	26.69	19.9	305446.44	378703.76	95.16	101.33
254	21/07/2025 10:00	6.41	127.91	73.26	26.48	19.9	311596.2	374906.26	84.9	101.33
255	21/07/2025 09:00	6.46	127.77	73.11	26.23	19.9	336125.84	394358.29	90.71	101.33
256	21/07/2025 08:00	6.54	127.61	73.02	26.2	19.9	335739.1	393626.08	85.65	101.33
257	21/07/2025 07:00	6.48	127.63	73.09	26.14	19.9	322604.06	372040.24	82.15	101.33
258	21/07/2025 06:00	6.39	127.69	73.17	26.5	19.9	232592.89	334778.67	86.34	101.33
259	21/07/2025 05:00	6.51	127.7	73.19	26.95	19.9	76691.71	98633.95	41.13	101.33
260	21/07/2025 04:00	6.62	127.79	73.16	26.8	19.9	69801.38	88155.77	42.97	101.33
261	21/07/2025 03:00	6.7	127.84	73.27	26.71	19.9	2076.16	1832.34	45.36	101.33
262	21/07/2025 02:00	6.48	127.64	73.15	26.39	19.9	2071.35	1775.34	49.32	101.33
263	21/07/2025 01:00	6.55	127.7	73.14	25.95	19.9	127694.26	146870.28	58.26	101.33
264	21/07/2025 00:00	6.49	127.71	73.11	25.55	19.9	301370.15	367499.09	101.35	101.33
265	20/07/2025 23:00	6.67	127.6	73.07	25.37	19.9	297203.9	361995.42	99.61	101.33
266	20/07/2025 22:00	6.43	127.66	73.15	25.08	19.9	308253.97	368408.68	97.19	101.33
267	20/07/2025 21:00	6.58	127.57	73.1	25.7	19.9	270781.27	361869.29	92.24	101.33
268	20/07/2025 20:00	6.39	127.49	72.97	25.97	19.9	293467.59	368560.19	91.19	101.33
269	20/07/2025 19:00	6.36	127.7	73.12	26.5	19.9	295061.69	361707.36	93.95	101.33
270	20/07/2025 18:00	6.36	127.74	73.15	26.26	19.9	295118.17	362089.32	93.02	101.33
271	20/07/2025 17:00	6.48	127.74	73.16	24.51	19.9	300830.82	364361.52	90.78	101.33
272	20/07/2025 16:00	6.53	127.89	73.31	18.56	19.9	310000.96	378625.36	98.11	101.33
273	20/07/2025 15:00	6.71	127.66	73.09	23	19.91	321598.87	381344.38	99.38	101.33
274	20/07/2025 14:00	6.44	127.99	73.34	23.36	19.9	307099.89	366136.4	92.5	101.33
275	20/07/2025 13:00	6.55	127.7	73.12	24.93	19.9	315240.7	364245.35	88.84	101.33
276	20/07/2025 12:00	6.57	127.81	73.23	24.56	19.9	309718.96	367778.77	92.35	101.33
277	20/07/2025 11:00	6.44	127.65	73.13	24.05	19.9	302765.8	365300.89	92.33	101.33
278	20/07/2025 10:00	6.38	127.62	73.06	23.39	19.9	302017.26	370413.83	90.55	101.33
279	20/07/2025 09:00	6.41	127.95	73.29	24.05	19.9	296263.25	357264.42	90.87	101.33
280	20/07/2025 08:00	6.64	127.8	73.2	24	19.91	296236.61	364677.04	87	101.33
281	20/07/2025 07:00	6.62	127.91	73.3	25.34	19.9	302433.29	360846.4	85.58	101.33
282	20/07/2025 06:00	6.58	127.77	73.21	25.81	19.9	304338.84	363695.5	82.74	101.33
283	20/07/2025 05:00	6.62	127.9	73.27	26.83	19.9	259042.56	340773.31	82.57	101.33
284	20/07/2025 04:00	6.61	127.71	73.21	26.83	19.9	150695.98	164967.16	41.11	101.33
285	20/07/2025 03:00	6.52	127.61	73.12	27.37	19.9	1970.33	1783.29	35.46	101.33
286	20/07/2025 02:00	6.61	127.76	73.19	27.57	19.9	1993.39	1806.77	35.47	101.33
287	20/07/2025 01:00	6.6	127.73	73.17	27.69	19.9	1977.09	1790.85	35.99	101.33
288	20/07/2025 00:00	6.59	127.81	73.22	27.76	19.9	1990.21	1805.57	36.51	101.33
289	19/07/2025 23:00	6.56	127.77	73.2	27.73	19.9	1977.09	3636.54	37.09	101.33
290	19/07/2025 22:00	6.48	127.64	73.1	27.79	19.9	1941.29	1757.03	37.64	101.33
291	19/07/2025 21:00	6.61	127.73	73.16	27.64	19.9	1983.85	1782.09	38.49	101.33
292	19/07/2025 20:00	6.65	127.85	73.19	27.65	19.9	1977.88	1791.65	39.37	101.33
293	19/07/2025 19:00	6.65	127.81	73.24	27.61	19.9	1977.49	1775.33	41.38	101.33
294	19/07/2025 18:00	6.63	127.79	73.21	26.91	19.9	2025.22	1790.05	41.18	101.33
295	19/07/2025 17:00	6.78	127.97	73.3	25.94	19.91	159003.85	184422.76	60.21	101.33
296	19/07/2025 16:00	6.53	127.68	73.17	25.67	19.9	341201.15	384448.94	79.96	101.33
297	19/07/2025 15:00	6.79	127.88	73.18	20.51	19.91	337130.7	376820.26	77.06	101.33
298	19/07/2025 14:00	6.65	127.93	73.19	5.1	19.9	322603.24	384890.39	93.49	101.33
299	19/07/2025 13:00	6.8	127.8	73.29	5	19.9	304800.67	370889.05	94.48	101.33

300	19/07/2025 12:00	6.56	127.8	73.22	6.37	19.9	308797.91	377079.5	96.55	101.33
301	19/07/2025 11:00	6.52	127.94	73.31	7.78	19.9	312397.64	382381.99	93.87	101.33
302	19/07/2025 10:00	6.71	127.77	73.16	8.94	19.91	307702.07	374479.86	92.62	101.33
303	19/07/2025 09:00	6.57	127.84	73.24	9.96	19.9	316624.82	381376.45	92.67	101.33
304	19/07/2025 08:00	6.7	127.88	73.32	7.92	19.91	310493.73	378291.21	91.59	101.33
305	19/07/2025 07:00	6.68	127.82	73.21	1.98	19.91	287033.19	360895.05	98.78	101.33
306	19/07/2025 06:00	6.63	127.8	73.32	8.7	19.9	286814.16	368523.98	101.55	101.33
307	19/07/2025 05:00	6.73	127.95	73.35	8.59	19.91	273861	352700.12	99.8	101.33
308	19/07/2025 04:00	6.53	127.87	73.32	6.23	19.9	301010.6	362383.03	100.23	101.33
309	19/07/2025 03:00	6.67	127.88	73.26	8.37	19.91	283112.6	358166.77	100.11	101.33
310	19/07/2025 02:00	6.66	127.85	73.32	11.93	19.9	271234.39	349995.2	99.97	101.33
311	19/07/2025 01:00	6.75	127.92	73.31	11.03	19.91	293735.66	352231.03	98.01	101.33
312	19/07/2025 00:00	6.67	127.95	73.28	12.01	19.91	307036.26	361324.07	96.76	101.33
313	18/07/2025 23:00	6.55	127.75	73.2	13.44	19.91	275825.96	354475.71	94.66	101.33
314	18/07/2025 22:00	6.7	127.76	73.2	14.92	19.91	260606.92	346919.3	87.07	101.33
315	18/07/2025 21:00	6.58	127.98	73.35	19.32	19.9	191253.35	263838.89	60.02	101.33
316	18/07/2025 20:00	6.66	127.85	73.24	18.95	19.9	2113.12	1808.36	47.06	101.33
317	18/07/2025 19:00	6.7	127.89	73.26	18.15	19.9	2129.66	1823.39	48.81	101.33
318	18/07/2025 18:00	6.7	127.81	73.24	16.58	19.91	2107.83	1802.39	50.45	101.33
319	18/07/2025 17:00	6.57	127.69	73.14	12.75	19.9	2112.95	1793.79	53.25	101.33
320	18/07/2025 16:00	6.63	127.79	73.19	10.16	19.9	2140.16	1809.55	54.66	101.33
321	18/07/2025 15:00	6.75	127.9	73.23	7.33	19.91	171324.52	218395.4	65.29	101.33
322	18/07/2025 14:00	6.67	127.82	73.19	7.31	19.91	299406.94	367127.31	96.55	101.33
323	18/07/2025 13:00	6.69	127.79	73.22	0.41	19.9	297074.64	370120.76	103.81	101.32
324	18/07/2025 12:00	6.57	127.77	73.16	2.64	19.9	309260.66	358833.6	104.15	101.33
325	18/07/2025 11:00	6.68	127.95	73.25	1.78	19.91	301056.89	363809.13	101.95	101.33
326	18/07/2025 10:00	6.83	127.83	73.28	1.88	19.91	306922.51	356094.69	95.4	101.33
327	18/07/2025 09:00	6.74	127.89	73.22	8.72	19.91	326464.43	362441.28	92.54	101.33
328	18/07/2025 08:00	6.72	127.77	73.2	6.27	19.9	321802.22	362224.12	95.62	101.33
329	18/07/2025 07:00	6.74	127.7	73.17	7.75	19.91	301337.54	359475.42	95.22	101.33
330	18/07/2025 06:00	6.77	127.8	73.26	8.64	19.91	307936.42	362027.81	95.04	101.33
331	18/07/2025 05:00	6.48	127.83	73.27	9.8	19.9	288557.89	356830.4	94.16	101.33
332	18/07/2025 04:00	6.59	127.76	73.2	12.8	19.9	300013.57	363744.19	96.13	101.33
333	18/07/2025 03:00	6.68	127.73	73.16	11.63	19.9	293389.31	362583.93	92.12	101.33
334	18/07/2025 02:00	6.63	127.83	73.21	9.67	19.9	291266.28	354647.17	96.1	101.33
335	18/07/2025 01:00	6.58	127.67	73.16	9.88	19.9	277997.75	349930.97	95.08	101.33
336	18/07/2025 00:00	6.46	127.84	73.22	11.87	19.9	279881.41	351831.57	90.74	101.33
337	17/07/2025 23:00	6.65	127.82	73.17	12.75	19.9	302568.44	355730.89	87.19	101.33
338	17/07/2025 22:00	6.56	127.67	73.19	11.33	19.9	293302.05	349583.87	87.59	101.33
339	17/07/2025 21:00	6.37	127.7	73.07	18.44	19.9	260218.9	340535.46	78.11	101.33
340	17/07/2025 20:00	6.5	127.61	73.05	20.93	19.9	99338.74	119836.47	52.07	101.33
341	17/07/2025 19:00	6.45	127.5	73.02	19.1	19.9	2111.52	1794.75	53.2	101.33
342	17/07/2025 18:00	6.54	127.5	73.04	12.83	19.9	2184.2	1797.62	54.98	101.33
343	17/07/2025 17:00	6.74	127.76	73.2	4.94	19.9	127624.27	173724.91	74.08	101.33
344	17/07/2025 16:00	6.45	127.57	73.03	0	19.9	308281.74	366361.34	100.64	101.32
345	17/07/2025 15:00	6.53	127.76	73.22	0	19.9	312996.53	365084.36	93.63	101.32
346	17/07/2025 14:00	6.72	127.54	73.04	22.81	19.9	301815.29	363801.49	95.63	101.32
347	17/07/2025 13:00	6.98	128.32	73.55	23.87	19.91	311248.78	363979.84	82.62	101.33
348	17/07/2025 12:00	7.2	128.14	73.43	24.14	19.91	312743.58	358739.69	78.8	101.33
349	17/07/2025 11:00	7.16	128.29	73.51	17.54	19.91	324818.4	366387.73	85.66	101.33
350	17/07/2025 10:00	6.92	128.17	73.48	18.47	19.91	320590.07	367116.8	86.96	101.33

351	17/07/2025 09:00	7.08	128.15	73.39	15.87	19.91	327218.53	366786.9	87.32	101.33
352	17/07/2025 08:00	6.97	128.41	73.63	18.29	19.91	321914.99	369324.98	87.21	101.33
353	17/07/2025 07:00	7.03	128.25	73.54	22.07	19.91	282357.62	354199.27	83.35	101.33
354	17/07/2025 06:00	7.18	128.17	73.47	22.04	19.91	123796.96	168970.56	52.13	101.33
355	17/07/2025 05:00	7.06	128.16	73.44	18.11	19.91	2229.89	1915.07	54.76	101.33
356	17/07/2025 04:00	7.07	128.27	73.46	10.08	19.91	109626.9	127774.79	64.1	101.33
357	17/07/2025 03:00	7.13	128.22	73.53	1.99	19.91	290749.6	359118.47	95.92	101.33
358	17/07/2025 02:00	7.05	128.46	73.59	2.13	19.91	318362.13	367854.46	100.34	101.33
359	17/07/2025 01:00	7.01	128.3	73.53	0	19.91	291938.57	358465.96	98.9	101.32
360	17/07/2025 00:00	7.06	128.4	73.58	0.45	19.91	306902.9	360980.99	99.8	101.32
361	16/07/2025 23:00	7.14	128.28	73.53	12.33	19.91	309028.91	363718.42	94.93	101.33
362	16/07/2025 22:00	7.25	128.44	73.63	24.05	19.91	2235.14	1910.29	43.22	101.33
363	16/07/2025 21:00	7.23	128.37	73.62	23.74	19.91	2209.89	1895.22	44.13	101.33
364	16/07/2025 20:00	7.31	128.4	73.63	23.42	19.91	2224.16	1893.58	44.97	101.33
365	16/07/2025 19:00	7.26	128.43	73.63	23.2	19.91	2217.61	5891.42	45.88	101.33
366	16/07/2025 18:00	7.31	128.45	73.65	23.06	19.91	2236.7	1894.41	45.38	101.33
367	16/07/2025 17:00	7.29	128.45	73.66	22.58	19.91	2240.6	1880.08	44.98	101.33
368	16/07/2025 16:00	7.35	128.55	73.71	21.62	19.91	2278.79	1889.63	46.94	101.33
369	16/07/2025 15:00	7.31	128.5	73.72	20.26	19.91	2282.26	1911.33	48.99	101.33
370	16/07/2025 14:00	7.33	128.54	73.69	16.38	19.91	20028.22	25046.45	55.27	101.33
371	16/07/2025 13:00	7.46	128.74	73.78	9.26	19.91	247285.83	287663.51	75.43	101.33
372	16/07/2025 12:00	7.36	128.68	73.75	3.77	19.91	322336.68	370334.27	96.19	101.33
373	16/07/2025 11:00	7.32	128.48	73.68	0.54	19.91	305331.89	373074.31	103.45	101.33
374	16/07/2025 10:00	7.26	128.5	73.67	0.97	19.91	297672.51	365419.04	101.69	101.33
375	16/07/2025 09:00	7.35	128.59	73.73	0	19.91	301504.8	368653.47	100.12	101.32
376	16/07/2025 08:00	7.37	128.54	73.76	0.61	19.91	301742.57	368993.33	101.38	101.32
377	16/07/2025 07:00	7.5	128.58	73.77	9.5	19.91	306054.98	373518.78	103.42	101.33
378	16/07/2025 06:00	7.48	128.61	73.76	13.53	19.91	308562.13	370593.04	96.96	101.33
379	16/07/2025 05:00	7.44	128.72	73.74	11.09	19.91	323908.58	370492.78	91.92	101.33
380	16/07/2025 04:00	7.26	128.67	73.77	13.64	19.91	319399.14	372918.54	94.45	101.33
381	16/07/2025 03:00	7.33	128.49	73.72	12.62	19.91	315695.56	371047.59	94.65	101.33
382	16/07/2025 02:00	7.39	128.49	73.7	10.9	19.91	320408.23	373932.24	96.73	101.33
383	16/07/2025 01:00	7.32	128.58	73.71	12.05	19.91	317620.82	374530.74	97.51	101.33
384	16/07/2025 00:00	7.42	128.45	73.66	12.48	19.91	317776.97	375226.59	100.92	101.33
385	15/07/2025 23:00	7.41	128.43	73.64	13.93	19.91	320014.18	375710	94.75	101.33
386	15/07/2025 22:00	7.26	128.5	73.69	14.37	19.91	323529.88	368808.26	88.74	101.33
387	15/07/2025 21:00	7.36	128.53	73.66	13.72	19.91	319701.76	372404.39	93.22	101.33
388	15/07/2025 20:00	7.29	128.55	73.71	14.52	19.91	319263.97	374144.01	94.59	101.33
389	15/07/2025 19:00	7.43	128.55	73.72	13.95	19.91	311410.94	372728.61	97.24	101.33
390	15/07/2025 18:00	7.51	128.74	73.78	12.99	19.91	314894.15	366363.85	100.12	101.33
391	15/07/2025 17:00	7.39	128.62	73.72	12.92	19.91	313265.24	361209.95	100.61	101.33
392	15/07/2025 16:00	7.23	128.53	73.67	11.84	19.91	311244.44	363545.59	100.85	101.33
393	15/07/2025 15:00	7.48	128.43	73.66	11.64	19.91	310006.9	365960.72	103.07	101.33
394	15/07/2025 14:00	7.19	128.72	73.83	11.35	19.91	308880.95	361575.24	100.28	101.33
395	15/07/2025 13:00	7.46	128.56	73.77	14.82	19.91	314688.01	361903.67	97.63	101.33
396	15/07/2025 12:00	7.45	128.52	73.67	20.75	19.91	311817.53	366773.67	92.34	101.33
397	15/07/2025 11:00	7.66	128.77	73.8	15.11	19.91	317597.67	364647.73	92.25	101.33
398	15/07/2025 10:00	7.4	128.73	73.81	0.28	19.91	317094.47	360410.72	95.08	101.33
399	15/07/2025 09:00	7.43	128.51	73.7	0.87	19.91	317024.3	367941.35	105.03	101.33
400	15/07/2025 08:00	7.51	128.67	73.79	1.04	19.91	325127.57	365638.18	106.23	101.33
401	15/07/2025 07:00	7.55	128.41	73.66	5.74	19.91	325381.97	364055.98	105.29	101.33

402	15/07/2025 06:00	7.39	128.46	73.66	8.43	19.91	323255.77	363399.49	106.46	101.33
403	15/07/2025 05:00	7.23	128.51	73.7	7.52	19.91	325141.41	381287.67	98.12	101.33
404	15/07/2025 04:00	7.34	128.69	73.81	7.81	19.91	312968.05	359790.05	104.42	101.33
405	15/07/2025 03:00	7.28	128.6	73.7	11.6	19.91	314349.62	359171.78	101.56	101.33
406	15/07/2025 02:00	7.52	128.56	73.74	14.46	19.91	310367.67	368799.32	104.07	101.33
407	15/07/2025 01:00	7.31	128.51	73.73	19.47	19.91	310213.99	362608.38	100.17	101.33
408	15/07/2025 00:00	7.31	128.53	73.73	19.42	19.91	302063.49	361399.98	97.81	101.33
409	14/07/2025 23:00	7.38	128.6	73.72	19.55	19.91	270450.36	326948.85	92.05	101.33
410	14/07/2025 22:00	7.27	128.61	73.81	18.76	19.91	313224.2	372071.68	94.64	101.33
411	14/07/2025 21:00	7.49	128.52	73.63	17.55	19.91	311083.12	363423.82	96.01	101.33
412	14/07/2025 20:00	7.38	128.73	73.79	18.48	19.91	314676.42	363727.19	93.16	101.33
413	14/07/2025 19:00	7.33	128.55	73.7	18.59	19.91	312029.8	361760.67	95.92	101.33
414	14/07/2025 18:00	7.47	128.54	73.73	18.08	19.91	312249.6	351894.19	88.88	101.33
415	14/07/2025 17:00	7.44	128.72	73.79	17.86	19.91	306054.5	351794.87	91.5	101.33
416	14/07/2025 16:00	7.4	128.59	73.78	20.95	19.91	302227.66	343855.79	82.12	101.33
417	14/07/2025 15:00	7.3	128.39	73.69	20.65	19.91	52025.69	91883.19	52.81	101.33
418	14/07/2025 14:00	7.42	128.59	73.7	14.65	19.91	52812.99	73359.34	61.66	101.33
419	14/07/2025 13:00	7.32	128.52	73.7	7.75	19.91	255040.56	324945.07	89.42	101.33
420	14/07/2025 12:00	7.27	128.45	73.74	2.18	19.91	301722.7	364222.59	100.52	101.33
421	14/07/2025 11:00	7.39	128.45	73.69	0	19.91	311366.62	369084.84	104.85	101.32
422	14/07/2025 10:00	7.11	128.7	73.78	0	19.91	312250.55	363359.69	102.51	101.32
423	14/07/2025 09:00	7.41	128.6	73.78	0.26	19.91	313018.48	366397.79	101.54	101.32
424	14/07/2025 08:00	7.35	128.48	73.69	2.41	19.91	312070.92	365089.2	103.51	101.33
425	14/07/2025 07:00	7.28	128.45	73.66	3.4	19.91	313016.58	369760.85	102.6	101.33
426	14/07/2025 06:00	7.49	128.35	73.45	6.46	19.91	314490.43	362565.89	100.19	101.33
427	14/07/2025 05:00	7.19	128.58	73.71	6.4	19.91	314199.76	367887.41	101.7	101.33
428	14/07/2025 04:00	7.29	128.49	73.69	8.91	19.91	314802.57	370255.48	97.88	101.33
429	14/07/2025 03:00	7.07	128.43	73.6	13.43	19.91	312159.86	366030.17	97.71	101.33
430	14/07/2025 02:00	7.21	128.39	73.59	17.76	19.91	301091.27	370416.86	99.59	101.33
431	14/07/2025 01:00	7.14	128.26	73.56	18.24	19.91	301525.63	371881.38	98.09	101.33
432	14/07/2025 00:00	7.13	128.29	73.58	13.95	19.91	305278.91	376853.68	94.89	101.33
433	13/07/2025 23:00	7.14	128.29	73.55	12.9	19.91	296041.58	370509.05	95.49	101.33
434	13/07/2025 22:00	7.09	128.19	73.52	12.89	19.91	292870.8	368905.64	96.38	101.33
435	13/07/2025 21:00	7.23	128.37	73.63	13.13	19.91	304075.17	368567.54	89.57	101.33
436	13/07/2025 20:00	7.07	128.19	73.5	14.83	19.91	293116.82	371064.54	96.44	101.33
437	13/07/2025 19:00	7.17	128.41	73.62	11.97	19.91	287491.86	374192.18	99.06	101.33
438	13/07/2025 18:00	7.17	128.39	73.64	13.92	19.91	302091.42	359824.8	93.54	101.33
439	13/07/2025 17:00	7.08	128.21	73.53	15.4	19.91	287596.17	356501.92	94.23	101.33
440	13/07/2025 16:00	7.16	128.29	73.46	19.46	19.91	287576.6	357130.73	85.46	101.33
441	13/07/2025 15:00	7.12	128.28	73.53	20.9	19.91	79570.27	70131.39	52.53	101.33
442	13/07/2025 14:00	7.03	128.18	73.47	16.19	19.91	2323.38	1901.06	56.3	101.33
443	13/07/2025 13:00	7.13	128.37	73.55	7.44	19.91	192890.74	247057.83	85.5	101.33
444	13/07/2025 12:00	7.13	128.2	73.48	0.1	19.91	265227.01	365673.04	104.71	101.32
445	13/07/2025 11:00	6.97	128.27	73.55	0.45	19.91	306057.04	376351.32	103.88	101.32
446	13/07/2025 10:00	7.2	128.52	73.7	0.16	19.91	293688.59	367628.55	104.3	101.32
447	13/07/2025 09:00	7.17	128.28	73.56	0	19.91	299932.91	370962.13	104.88	101.32
448	13/07/2025 08:00	7.2	128.35	73.63	0.5	19.91	299652.09	365679.03	101.95	101.32
449	13/07/2025 07:00	7.27	128.53	73.7	7.98	19.91	302691.93	364446.83	101.16	101.33
450	13/07/2025 06:00	7.08	128.39	73.64	12.87	19.91	305274.15	366854.23	100.81	101.33
451	13/07/2025 05:00	7.19	128.56	73.67	12.33	19.91	303032.37	369883.59	97.8	101.33
452	13/07/2025 04:00	7.31	128.44	73.67	10.66	19.91	306131.34	368002.47	98.99	101.33

453	13/07/2025 03:00	7.56	128.55	73.68	14.51	19.91	303763.92	364641.44	95.62	101.33
454	13/07/2025 02:00	7.44	128.67	73.74	18.08	19.91	316717.41	375291.99	99.7	101.33
455	13/07/2025 01:00	7.51	128.63	73.66	19.32	19.91	312245.78	375371.7	102.91	101.33
456	13/07/2025 00:00	7.33	128.56	73.72	18.29	19.91	318023.48	380139.34	102.83	101.33
457	12/7/2025 23:00	7.4	128.48	73.66	12.62	19.91	329636.9	377471.49	94.29	101.33
458	12/7/2025 22:00	7.41	128.47	73.63	13.29	19.91	326154.68	376109.34	102.61	101.33
459	12/7/2025 21:00	7.21	128.52	73.66	10.69	19.91	324701.05	391882.57	96.23	101.33
460	12/7/2025 20:00	7.19	128.56	73.68	10.39	19.91	321173.95	391034.46	92.65	101.33
461	12/7/2025 19:00	7.28	128.45	73.62	12.79	19.91	311900.15	376675.46	96.7	101.33
462	12/7/2025 18:00	7.21	128.26	73.54	14.86	19.91	318240.84	363155.55	92.79	101.33
463	12/7/2025 17:00	7.31	128.48	73.67	18.88	19.91	317435.93	367561.17	87.39	101.33
464	12/7/2025 16:00	7.26	128.41	73.69	21.45	19.91	317673.4	362089.41	78.2	101.33
465	12/7/2025 15:00	7.27	128.43	73.65	22.11	19.91	129639.26	144046.75	51.22	101.33
466	12/7/2025 14:00	7.19	128.33	73.57	16.76	19.91	2319.14	1941.9	51.08	101.33
467	12/7/2025 13:00	7.22	128.36	73.6	10.29	19.91	131522.68	173387.81	67.91	101.33
468	12/7/2025 12:00	7.34	128.38	73.59	10.05	19.91	352280.51	419297.92	96.55	101.33
469	12/7/2025 11:00	7.34	128.46	73.64	10.26	19.91	352213.69	410240.46	96.04	101.33
470	12/7/2025 10:00	7.2	128.36	73.63	8.81	19.91	351667.07	413941.07	98.83	101.33
471	12/7/2025 9:00	7.34	128.38	73.49	4.82	19.91	323300.37	386774.04	103.9	101.33
472	12/7/2025 8:00	7.18	128.37	73.59	9.65	19.91	317366.99	389751.67	102.93	101.33
473	12/7/2025 7:00	7.24	128.16	73.52	11.57	19.91	325866.95	404402.65	103.84	101.33
474	12/7/2025 6:00	7.27	128.4	73.59	18.46	19.91	301581.75	375692.97	97.3	101.33
475	12/7/2025 5:00	7.16	128.41	73.58	21.76	19.91	313477.16	378238.72	78.67	101.33
476	12/7/2025 4:00	6.73	127.67	73.15	26.37	19.9	294467.53	356082.53	88.99	101.33
477	12/7/2025 3:00	6.6	127.68	73.11	26.08	19.9	281309.01	354124.47	87.98	101.33
478	12/7/2025 2:00	6.51	127.74	73.19	25.41	19.9	288293.95	362172.46	88.77	101.33
479	12/7/2025 1:00	6.52	127.74	73.18	25.43	19.9	311819.56	362711.96	87.69	101.33
480	12/7/2025 0:00	6.43	127.68	73.19	25.65	19.9	283723.95	353571.64	81.01	101.33
481	11/7/2025 23:00	6.47	127.68	73.12	24.5	19.9	144898.78	243333.43	54.43	101.33
482	11/7/2025 22:00	6.5	127.58	73.11	18.71	19.9	189690.21	264562.91	73.12	101.33
483	11/7/2025 21:00	6.45	127.5	72.96	20.64	19.9	295284.83	363341.66	88.95	101.33
484	11/7/2025 20:00	6.62	127.81	73.23	25.42	19.9	252439.4	345620.89	77.36	101.33
485	11/7/2025 19:00	6.62	127.67	73.15	26.6	19.9	126603.85	155548.36	46.6	101.33
486	11/7/2025 18:00	6.31	127.54	73.1	26.22	19.9	2022.75	1755.12	45.64	101.33
487	11/7/2025 17:00	6.23	127.47	73.04	24.37	19.9	126072.63	170369.93	60.73	101.33
488	11/7/2025 16:00	6.41	127.71	73.1	19.05	19.9	310530.91	370375.82	93.63	101.33
489	11/7/2025 15:00	6.65	127.72	73.19	10.93	19.9	276616.81	362090.1	92.27	101.33
490	11/7/2025 14:00	6.37	127.93	73.25	2.4	19.9	277073.39	360322.41	96.88	101.33
491	11/7/2025 13:00	6.34	127.78	73.18	0.89	19.9	299811.33	366954.23	96.56	101.32
492	11/7/2025 12:00	6.46	127.49	73.06	0.77	19.9	284307.92	363060.51	97.45	101.33
493	11/7/2025 11:00	6.6	127.57	73.02	5.37	19.9	289149.32	360971.92	95.29	101.33
494	11/7/2025 10:00	6.59	127.83	73.16	8.79	19.9	303473.36	368784.97	91.09	101.33
495	11/7/2025 9:00	6.34	127.7	73.14	11.9	19.9	287993.58	366976.03	93.94	101.33
496	11/7/2025 8:00	6.44	127.74	73.16	19.79	19.9	299801.17	368410.2	96.35	101.33
497	11/7/2025 7:00	6.35	127.69	73.15	24.98	19.9	297924.51	369746.08	91.46	101.33
498	11/7/2025 6:00	6.68	127.75	73.21	26.32	19.9	303689.57	367481.58	91.09	101.33
499	11/7/2025 5:00	6.94	127.81	73.19	26.58	19.91	285360.58	360888.19	90.65	101.33
500	11/7/2025 4:00	6.6	128.02	73.36	26.43	19.9	317222.02	381765.91	88.53	101.33
501	11/7/2025 3:00	6.6	127.98	73.21	25.82	19.9	305970.5	367052.85	90.75	101.33
502	11/7/2025 2:00	6.66	127.78	73.16	25.81	19.91	293704.74	359832.16	90.17	101.33
503	11/7/2025 1:00	6.61	127.75	73.15	26.19	19.9	292756.04	361958.57	83.76	101.33

504	11/7/2025 0:00	6.79	127.9	73.25	26.12	19.9	299120.57	368603.57	75.05	101.33
505	10/7/2025 23:00	6.65	127.93	73.27	18.28	19.9	301433.21	364277.96	88.76	101.33
506	10/7/2025 22:00	6.36	127.59	73.09	11.18	19.9	298745.43	367834.88	90.61	101.33
507	10/7/2025 21:00	6.46	127.68	73.16	11.59	19.9	305242.48	368218.43	84.14	101.33
508	10/7/2025 20:00	6.47	127.71	73.11	18.14	19.9	278845.71	355907.94	82.78	101.33
509	10/7/2025 19:00	6.62	127.65	73.13	22.3	19.9	91665.98	99295.73	49.24	101.33
510	10/7/2025 18:00	6.45	127.53	73.07	20.45	19.9	2111.74	1791.54	52.45	101.33
511	10/7/2025 17:00	6.47	127.62	73.09	17.19	19.9	76098.53	93924.02	57.98	101.33
512	10/7/2025 16:00	6.47	127.57	73.07	16.07	19.9	310688.89	375359.78	90.94	101.33
513	10/7/2025 15:00	6.58	127.61	73.11	13.09	19.9	324209.59	381324.09	95.15	101.33
514	10/7/2025 14:00	6.48	127.85	73.22	10.36	19.9	320293.67	383708.27	97.21	101.33
515	10/7/2025 13:00	6.53	127.63	73.12	13.25	19.9	312605.33	387171.11	94.06	101.33
516	10/7/2025 12:00	6.44	127.62	73.03	18.77	19.9	273462.43	385512.25	93.94	101.33
517	10/7/2025 11:00	6.71	127.7	73.14	23.13	19.9	303873.1	391801.48	91.26	101.33
518	10/7/2025 10:00	6.45	127.83	73.21	24.94	19.9	298217.08	386546.64	86.44	101.33
519	10/7/2025 9:00	6.61	127.71	73.14	25.43	19.9	304042.76	389258.94	83.12	101.33
520	10/7/2025 8:00	6.38	127.85	73.19	25.31	19.9	324573.49	394514.54	88.35	101.33
521	10/7/2025 7:00	6.59	127.76	73.15	24.5	19.9	306578.56	386576.24	86.27	101.33
522	10/7/2025 6:00	6.72	127.77	73.16	26	19.9	306023.48	386695.1	86.19	101.33
523	10/7/2025 5:00	6.68	127.78	73.26	26.2	19.91	304869.4	385856.25	82.73	101.33
524	10/7/2025 4:00	6.74	127.82	73.31	26.26	19.91	301928.41	379676.78	84.3	101.33
525	10/7/2025 3:00	6.52	127.75	73.19	25.64	19.9	305844.14	384188.42	84.36	101.33
526	10/7/2025 2:00	6.61	127.65	73.1	24.45	19.9	291272.35	360844.34	89.66	101.33
527	10/7/2025 1:00	6.61	127.74	73.14	22.92	19.9	297467.45	362435.93	86.93	101.33
528	10/7/2025 0:00	6.66	127.77	73.21	16.54	19.9	269292.73	351323.78	88.26	101.33
529	9/7/2025 23:00	6.44	127.68	73.1	17.69	19.9	284393.45	363232.4	81.42	101.33
530	9/7/2025 22:00	6.55	127.61	73.06	20.74	19.9	287291.83	357826.48	73.33	101.33
531	9/7/2025 21:00	6.28	127.49	73	22.68	19.9	244422.09	338978.96	67.91	101.33
532	9/7/2025 20:00	6.2	127.55	73.01	24.18	19.9	253102.18	349306.96	62.57	101.33
533	9/7/2025 19:00	6.34	127.5	73.01	24.77	19.9	89360.72	116473.41	37.17	101.33
534	9/7/2025 18:00	6.53	127.67	73.15	24.12	19.9	2044.44	1807.16	35.9	101.33
535	9/7/2025 17:00	6.42	127.6	73.11	23.75	19.9	2036.11	6187.18	36.11	101.33
536	9/7/2025 16:00	6.44	127.64	73.11	23.67	19.9	2038.5	1797.14	36.48	101.33
537	9/7/2025 15:00	6.32	127.51	73.09	22.54	19.9	2051.86	1789.66	37.49	101.33
538	9/7/2025 14:00	6.48	127.7	73.12	18.73	19.9	4420.6	1823.87	40.14	101.33
539	9/7/2025 13:00	6.45	127.6	73.04	12.03	19.9	2144.14	1791.24	42.59	101.33
540	9/7/2025 12:00	6.46	127.65	73.11	9.59	19.9	2110.57	1803.82	43.46	101.33
541	9/7/2025 11:00	6.33	127.47	72.99	10.71	19.9	2109.57	3795.47	45.52	101.33
542	9/7/2025 10:00	6.46	127.58	73.09	11.58	19.9	2140.81	1806.29	45.91	101.33
543	9/7/2025 9:00	6.57	127.69	73.16	13.64	19.9	2131.41	1823.08	44.68	101.33
544	9/7/2025 8:00	6.51	127.66	73.11	19.46	19.9	2047.56	1790.45	40.48	101.33
545	9/7/2025 7:00	6.58	127.7	73.14	23.27	19.9	2054.25	1816.71	36.48	101.33
546	9/7/2025 6:00	6.41	127.64	73.08	25.14	19.9	2014.08	1797.61	34.83	101.33
547	9/7/2025 5:00	6.61	127.76	73.26	25.83	19.9	2024.52	4795.06	34.85	101.33
548	9/7/2025 4:00	6.51	127.68	73.15	25.68	19.9	2009.38	1787.59	34.84	101.33
549	9/7/2025 3:00	6.54	127.66	73.15	25.46	19.9	2002.22	1766.1	35.4	101.33
550	9/7/2025 2:00	6.38	127.55	73.15	25.4	19.9	2010.1	1794.83	35.47	101.33
551	9/7/2025 1:00	6.62	127.81	73.24	25.17	19.9	2041.45	3851.9	35.99	101.33
552	9/7/2025 0:00	6.47	127.56	73.11	24.99	19.9	2018.45	1781.12	36.27	101.33
553	8/7/2025 23:00	6.62	127.74	73.17	24.84	19.9	2043.18	1810.2	36.74	101.33
554	8/7/2025 22:00	6.46	127.65	73.09	24.55	19.9	2044.44	1811.41	36.95	101.33

11/7/2025 11:00

555	8/7/2025 21:00	6.32	127.52	73.07	24.22	19.9	2005.87	1765.93	37.35	101.33
556	8/7/2025 20:00	6.56	127.62	73.17	23.8	19.9	2062.84	1822.92	37.94	101.33
557	8/7/2025 19:00	6.55	127.73	73.13	23.2	19.9	2045.66	1759.9	38.49	101.33
558	8/7/2025 18:00	6.4	127.59	73.14	21.68	19.9	2046.22	3781.59	39.52	101.33
559	8/7/2025 17:00	6.57	127.71	73.13	17.97	19.9	2091.95	1821.01	41.14	101.33
560	8/7/2025 16:00	6.42	127.56	73.13	15.27	19.9	2093.38	1788.54	42.57	101.33
561	8/7/2025 15:00	6.53	127.73	73.13	13.75	19.9	2106.27	1819.58	43.34	101.33
562	8/7/2025 14:00	6.65	127.74	73.22	9.16	19.9	2118.25	1826.26	44.22	101.33
563	8/7/2025 13:00	6.45	127.55	73.11	8.8	19.9	2073.81	1783.29	43.89	101.33
564	8/7/2025 12:00	6.47	127.68	73.03	10.54	19.9	2091.63	1811.54	43.64	101.33
565	8/7/2025 11:00	6.45	127.67	73.1	14.43	19.9	2090.52	1812.41	43.2	101.33
566	8/7/2025 10:00	6.45	127.76	73.1	17.93	19.9	2098.79	1815.92	43.23	101.33
567	8/7/2025 9:00	6.53	127.67	73.11	21.65	19.9	2080.9	1821.49	42.49	101.33
568	8/7/2025 8:00	6.49	127.63	73.08	23.6	19.9	2044.05	1786.77	40.78	101.33
569	8/7/2025 7:00	6.48	127.67	73.15	24.77	19.9	2037.54	1796.02	39.87	101.33
570	8/7/2025 6:00	6.52	127.67	73.05	25.07	19.9	2037.11	1786.33	39.98	101.33
571	8/7/2025 5:00	6.54	127.62	73.2	25.06	19.9	2060.45	1804.78	40.51	101.33
572	8/7/2025 4:00	6.52	127.76	73.17	24.94	19.9	2052.82	1790.93	40.88	101.33
573	8/7/2025 3:00	6.66	127.86	73.21	25.04	19.9	2078.76	1806.73	41.77	101.33
574	8/7/2025 2:00	6.58	127.63	73.06	24.8	19.9	2054.25	1790.45	42.58	101.33
575	8/7/2025 1:00	6.45	127.66	73.06	24.56	19.9	2058.8	1798.05	43.25	101.33
576	8/7/2025 0:00	6.58	127.7	73.21	24.41	19.9	2058.37	1794.57	44.17	101.33
577	7/7/2025 23:00	6.51	127.49	73.08	24.23	19.9	2047.09	1765.15	44.83	101.33
578	7/7/2025 22:00	6.64	127.66	73.12	23.93	19.9	2066.65	1783.77	46.02	101.33
579	7/7/2025 21:00	6.44	127.61	73.1	23.83	19.9	2048.04	1767.54	47.01	101.33
580	7/7/2025 20:00	6.61	127.81	73.2	22.58	19.9	2090.57	1796.55	49.37	101.33
581	7/7/2025 19:00	6.53	127.74	73.17	19.91	19.9	2120.27	1776.53	53.12	101.33
582	7/7/2025 18:00	6.54	127.71	73.14	14.32	19.9	64172.26	74190.08	58.55	101.33
583	7/7/2025 17:00	6.56	127.66	73.14	7.9	19.9	317529.27	355048.62	90.41	101.33
584	7/7/2025 16:00	6.57	127.72	73.16	3.07	19.9	318039.52	367103.09	101.52	101.33
585	7/7/2025 15:00	6.48	127.48	72.98	5.73	19.9	320467.4	369087.21	99.95	101.33
586	7/7/2025 14:00	6.57	127.84	73.16	6.87	19.9	295334.31	363345.06	102.83	101.33
587	7/7/2025 13:00	6.59	127.66	73.17	7.95	19.9	272231.56	352057	102.21	101.33
588	7/7/2025 12:00	6.65	127.78	73.21	9.07	19.9	297869.57	363250.43	100.71	101.33
589	7/7/2025 11:00	6.42	127.6	73.14	15.74	19.9	268826.53	353859.75	100.27	101.33
590	7/7/2025 10:00	6.56	127.6	73.09	12.49	19.9	300406.85	363357.46	95.45	101.33
591	7/7/2025 9:00	6.58	127.73	73.12	11.56	19.9	324235.49	366951.62	85.93	101.33
592	7/7/2025 8:00	6.61	127.78	73.12	12.06	19.9	270906.16	359613.41	101.21	101.33
593	7/7/2025 7:00	6.77	127.83	73.25	16.51	19.91	271340	352120.5	97.01	101.33
594	7/7/2025 6:00	6.65	127.7	73.23	18.76	19.91	316432.05	367024.32	94.22	101.33
595	7/7/2025 5:00	6.63	127.81	73.25	18.36	19.91	324227.42	366411.15	89.74	101.33
596	7/7/2025 4:00	6.59	127.69	73.14	15.3	19.9	319474.67	362945.46	89.04	101.33
597	7/7/2025 3:00	6.52	127.75	73.21	19.39	19.9	323207.71	368513.65	87.8	101.33
598	7/7/2025 2:00	6.88	127.86	73.16	20.99	19.9	320701.75	367610.47	88.93	101.33
599	7/7/2025 1:00	6.71	127.67	73.18	20.85	19.91	326591.88	361181.33	82.9	101.33
600	7/7/2025 0:00	6.82	127.88	73.14	21.59	19.91	330862.09	366552.49	81.91	101.33
601	6/7/2025 23:00	6.73	127.77	73.24	21.06	19.9	321433.42	360087.67	87.06	101.33
602	6/7/2025 22:00	6.54	127.8	73.17	18.25	19.9	320305.13	361214.25	90.48	101.33
603	6/7/2025 21:00	6.8	127.77	73.18	17.48	19.9	317557.9	363058.58	94.19	101.33
604	6/7/2025 20:00	6.48	127.65	73.12	20.52	19.9	317337.4	363578.51	94.98	101.33
605	6/7/2025 19:00	6.57	127.73	73.15	20.64	19.91	316049.26	367961.63	86.8	101.33

606	6/7/2025 18:00	6.69	127.86	73.26	15.87	19.9	318755.34	365066.81	94.6	101.33
607	6/7/2025 17:00	6.38	127.54	73	11.7	19.9	315289.52	368032.79	96.6	101.33
608	6/7/2025 16:00	6.44	127.77	73.18	5.64	19.9	316782.06	365000.51	95.2	101.33
609	6/7/2025 15:00	6.47	127.82	73.25	7.34	19.9	320197.27	368992.68	96.09	101.33
610	6/7/2025 14:00	6.71	127.82	73.25	10.39	19.91	318470.37	366172.97	97.48	101.33
611	6/7/2025 13:00	6.68	127.83	73.2	23.04	19.9	319349.3	367708.09	89.77	101.33
612	6/7/2025 12:00	6.58	127.56	73.08	12.41	19.9	316603.34	358655.86	85.21	101.33
613	6/7/2025 11:00	6.61	127.84	73.23	9.67	19.9	296257.38	355993	91.05	101.33
614	6/7/2025 10:00	6.43	127.71	73.1	10.57	19.9	296537.06	354725.87	96.96	101.33
615	6/7/2025 9:00	6.58	127.76	73.12	11.22	19.9	304126.28	363986.74	97.48	101.33
616	6/7/2025 8:00	6.56	127.73	73.19	10.29	19.9	262592.72	348214.31	98.43	101.33
617	6/7/2025 7:00	6.59	127.74	73.11	12.07	19.9	276896.82	355795.1	94.02	101.33
618	6/7/2025 6:00	6.47	127.75	73.13	15.54	19.9	307225.26	366204.91	89.31	101.33
619	6/7/2025 5:00	6.59	127.86	73.27	17.48	19.9	305880.05	364163.41	88.08	101.33
620	6/7/2025 4:00	6.65	127.86	73.21	15.57	19.9	304994.94	365059.55	88.62	101.33
621	6/7/2025 3:00	6.66	127.7	73.2	17.8	19.9	307493.98	364525.29	89.55	101.33
622	6/7/2025 2:00	6.66	127.72	73.21	18.89	19.91	313635.09	364645.61	83	101.33
623	6/7/2025 1:00	6.83	127.83	73.18	22.81	19.9	308413.22	363729.41	83.29	101.33
624	6/7/2025 0:00	6.65	127.88	73.21	21.8	19.9	306364.09	362202.18	86.92	101.33
625	5/7/2025 23:00	6.63	127.68	73.13	21.29	19.9	311577.58	362078.89	84.29	101.33
626	5/7/2025 22:00	6.48	127.74	73.19	22.74	19.9	310490.81	359342.24	86.86	101.33
627	5/7/2025 21:00	6.59	127.82	73.18	22.66	19.9	312104.98	360427.44	83.28	101.33
628	5/7/2025 20:00	6.43	127.68	73.13	23.18	19.9	314319.08	352550.18	77.24	101.33
629	5/7/2025 19:00	6.39	127.6	73.05	22.44	19.9	104324.4	126564.52	49.64	101.33
630	5/7/2025 18:00	6.47	127.73	73.16	17.81	19.9	2120.85	61414.41	50.66	101.33
631	5/7/2025 17:00	6.59	127.73	73.17	9.51	19.9	82258.79	153597.54	64.61	101.33
632	5/7/2025 16:00	6.45	127.68	73.13	2.8	19.9	285916.36	336920.78	95.35	101.33
633	5/7/2025 15:00	6.45	127.72	73.16	3.79	19.9	316368.52	371885.01	99.87	101.33
634	5/7/2025 14:00	6.67	127.71	73.12	0.56	19.9	281620.62	363234.31	102.15	101.32
635	5/7/2025 13:00	6.51	127.6	73.07	0	19.9	288393.48	369054.51	106.4	101.32
636	5/7/2025 12:00	6.57	127.83	73.23	0	19.9	311619.12	367966.66	105.66	101.32
637	5/7/2025 11:00	6.32	127.67	73.13	0	19.9	305242.17	369468.68	102.02	101.32
638	5/7/2025 10:00	6.4	127.81	73.2	1.24	19.9	319956.73	375888.31	99.83	101.33
639	5/7/2025 9:00	6.39	127.57	73.05	10.12	19.9	297369.43	365734.64	98.73	101.33
640	5/7/2025 8:00	6.76	127.77	73.21	13.14	19.9	301280	365879.52	94.62	101.33
641	5/7/2025 7:00	6.64	127.82	73.18	20.39	19.9	293676.71	364453.68	96.65	101.33
642	5/7/2025 6:00	6.85	127.81	73.16	18	19.91	286472.65	359490.71	91.46	101.33
643	5/7/2025 5:00	6.76	127.88	73.28	13.32	19.9	282612.4	364821.78	97.97	101.33
644	5/7/2025 4:00	6.55	127.75	73.2	14.72	19.9	277593.64	361889.75	97.09	101.33
645	5/7/2025 3:00	6.47	127.54	73.02	16.3	19.9	290803.01	367878.81	95.63	101.33
646	5/7/2025 2:00	6.58	127.76	73.17	18.56	19.9	301687.91	378072.01	91.71	101.33
647	5/7/2025 1:00	6.75	127.77	73.16	23.26	19.91	294936.12	366458.12	97.97	101.33
648	5/7/2025 0:00	6.66	127.85	73.26	22.67	19.9	295639.77	361195.64	89.32	101.33
649	4/7/2025 23:00	6.58	127.77	73.18	22.53	19.91	291221.98	358825.62	95.32	101.33
650	4/7/2025 22:00	6.75	127.92	73.19	23.12	19.9	313337.45	367005.02	86.64	101.33
651	4/7/2025 21:00	6.57	127.68	73.09	21.24	19.9	323693.34	367003.21	90.31	101.33
652	4/7/2025 20:00	6.66	127.87	73.23	23.87	19.9	221042.71	343466.05	89.19	101.33
653	4/7/2025 19:00	6.7	127.88	73.25	23.94	19.9	67919.12	92056.81	51.17	101.33
654	4/7/2025 18:00	6.42	127.57	73.08	19.79	19.9	2143.61	1796.02	53.45	101.33
655	4/7/2025 17:00	6.59	127.72	73.11	16.92	19.9	128727.85	196245.34	64.92	101.33
656	4/7/2025 16:00	6.55	127.69	73.06	13.33	19.9	304199.3	380910.48	104.05	101.33

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657	4/7/2025 15:00	6.54	127.91	73.25	5.52	19.9	319272.21	382179.74	101.57	101.33
658	4/7/2025 14:00	6.6	127.87	73.15	2.32	19.9	293932.53	363569.45	101.06	101.33
659	4/7/2025 13:00	6.6	127.88	73.21	2.8	19.9	300435.48	365807.68	99.7	101.33
660	4/7/2025 12:00	6.51	127.7	73.2	1.17	19.9	296022.16	363528.82	103.27	101.33
661	4/7/2025 11:00	6.66	127.72	73.17	4.65	19.91	314706.63	378039.17	103.76	101.33
662	4/7/2025 10:00	6.68	127.88	73.22	7.78	19.9	275266.11	355912.33	100.96	101.33
663	4/7/2025 9:00	6.37	127.75	73.22	10.23	19.9	282077.38	360257.94	100.26	101.33
664	4/7/2025 8:00	6.47	127.89	73.27	10.42	19.9	279442.79	353638.26	98.23	101.33
665	4/7/2025 7:00	6.69	127.77	73.1	13.55	19.9	283880.34	361338.99	95.7	101.33
666	4/7/2025 6:00	6.66	127.87	73.27	20.86	19.9	324028.08	367172.56	89.79	101.33
667	4/7/2025 5:00	6.64	127.97	73.23	24.07	19.9	321068.56	365862	89.78	101.33
668	4/7/2025 4:00	6.67	127.8	73.22	26.57	19.9	321845.31	364431.24	86.61	101.33
669	4/7/2025 3:00	6.67	127.87	73.25	26.58	19.9	329314.37	364697.57	82.55	101.33
670	4/7/2025 2:00	6.62	127.84	73.25	26.17	19.9	325428.73	363643.46	83.74	101.33
671	4/7/2025 1:00	6.62	127.98	73.35	26.59	19.9	322936.05	361485.77	85.51	101.33
672	4/7/2025 0:00	6.6	127.81	73.24	26.47	19.9	325890.26	369118.24	83.86	101.33
673	3/7/2025 23:00	6.63	127.78	73.3	25.93	19.91	322162.71	400643.46	80.28	101.33
674	3/7/2025 22:00	6.64	127.82	73.2	24.33	19.9	321735.84	395783.22	79.73	101.33
675	3/7/2025 21:00	6.57	127.75	73.19	22.01	19.9	322884.84	404876.91	75.69	101.33
676	3/7/2025 20:00	6.49	127.69	73.14	26.05	19.9	320206.33	395616.99	66.95	101.33
677	3/7/2025 19:00	6.62	127.81	73.23	26.55	19.9	87394.32	94007.84	43.61	101.33
678	3/7/2025 18:00	6.52	127.74	73.19	25.91	19.9	51990.64	75410.89	50.15	101.33
679	3/7/2025 17:00	6.63	127.65	73.15	24.87	19.9	234190.43	301099.58	74.09	101.33
680	3/7/2025 16:00	6.66	127.77	73.18	24.03	19.91	311840.57	375587.04	99.37	101.33
681	3/7/2025 15:00	6.45	127.98	73.29	20.88	19.9	339198.85	376925.3	92.37	101.33
682	3/7/2025 14:00	6.51	127.84	73.23	13.89	19.91	330426.43	382599.39	93.12	101.33
683	3/7/2025 13:00	6.46	127.75	73.22	12.28	19.9	321962.24	387191.16	99.46	101.33
684	3/7/2025 12:00	6.55	127.62	73.08	12.77	19.9	314269.01	377743.01	100.41	101.33
685	3/7/2025 11:00	6.75	127.7	73.16	15.61	19.9	287368.97	375785.19	89.16	101.33
686	3/7/2025 10:00	6.65	127.86	73.33	24.76	19.9	310517.07	377009.81	91.97	101.33
687	3/7/2025 9:00	6.63	127.68	73.14	24.38	19.9	294945.57	375465.14	90.45	101.33
688	3/7/2025 8:00	6.78	127.77	73.16	19.43	19.9	291591.27	380924.05	88.44	101.33
689	3/7/2025 7:00	6.49	127.68	73.19	15.53	19.9	288082.03	377649.09	92.27	101.33
690	3/7/2025 6:00	6.47	127.77	73.23	18.25	19.9	288439.91	375537.26	88.66	101.33
691	3/7/2025 5:00	6.58	127.73	73.18	20.54	19.9	279502.62	378109.78	85.9	101.33
692	3/7/2025 4:00	6.57	127.87	73.27	18.38	19.9	303079.59	377736.95	79.46	101.33
693	3/7/2025 3:00	6.78	127.94	73.3	16.42	19.9	315979.69	377064.55	82.54	101.33
694	3/7/2025 2:00	6.33	127.91	73.29	17.71	19.9	296182.92	384644.25	83.46	101.33
695	3/7/2025 1:00	6.56	127.74	73.2	21.11	19.9	333988.27	388090.16	83.14	101.33
696	2/7/2025 0:00	6.55	127.86	72.8	22.14	19.9	328399.82	381932.17	82.12	101.33
697	2/7/2025 23:00	6.73	127.88	73.16	25.01	19.9	320762.04	373035.78	82.27	101.33
698	2/7/2025 14:00	1.03	120.15	71.83	25.67	21.04	1913.44	1726	32.88	101.33
699	2/7/2025 13:00	0.85	125.02	72.25	26.14	20.88	96546.17	123873.1	32.6	101.33
700	2/7/2025 12:00	0.97	126.11	72.89	27.02	21.15	1906.29	1725.52	29.2	101.33
701	2/7/2025 11:00	1	126.25	72.51	27.45	21.16	4555.67	13245.62	28.01	101.33
702	2/7/2025 10:00	0.96	127.4	72.6	29.06	21.17	1838.51	1688.28	26.19	101.33
703	2/7/2025 9:00	0.91	128.86	72.49	29.4	21.2	1858.78	3702.59	26.45	101.33
704	2/7/2025 8:00	1.01	129.11	72.84	29.22	21.21	1909.55	1744.23	26.87	101.33
705	2/7/2025 7:00	0.97	128.65	72.68	29.16	21.19	1871.02	1717.51	26.71	101.33
706	2/7/2025 6:00	0.9	127.9	72.01	28.44	21.19	1878.74	1719.92	27.38	101.33
707	2/7/2025 5:00	1.11	128.35	72.43	28.35	21.2	1907.09	1739.26	27.26	101.33

708	2/7/2025 4:00	0.99	129.13	72.43	28.43	21.18	1899.13	1729.47	27.27	101.33
709	2/7/2025 3:00	0.96	129.87	72.06	28.59	21.19	1881.95	1721.22	27.25	101.33
710	2/7/2025 2:00	1.08	129.41	72.22	28.59	21.19	1911.06	1740.92	27.27	101.33
711	2/7/2025 1:00	0.96	130.23	71.93	28.54	21.2	1893.88	1715.97	27.76	101.33
712	2/7/2025 0:00	1.02	130.42	72.45	28.43	21.22	1884.34	1715.02	27.89	101.33
713	1/7/2025 23:00	0.98	129.08	72.54	28.43	21.22	1895.55	1731.17	27.89	101.33
714	1/7/2025 22:00	0.94	129.03	73.12	28.29	21.22	1846.15	1689.24	27.89	101.33
715	1/7/2025 21:00	0.85	128.63	72.57	28.16	21.21	1865.29	1689.97	27.88	101.33
716	1/7/2025 20:00	0.82	127.4	72.26	28.03	21.2	1823.72	1664.41	27.99	101.33
717	1/7/2025 19:00	0.98	128.63	72.47	27.8	21.18	1902.95	1733.64	28.84	101.33
718	1/7/2025 18:00	0.88	127.44	72.25	27.62	21.16	1859.89	1690.98	29.33	101.33
719	1/7/2025 17:00	0.96	127.38	72.27	27.35	21.12	2950.88	1725.13	29.76	101.33
720	1/7/2025 16:00	0.98	126.38	71.92	27.17	21.05	1898.65	1711.68	29.76	101.33
721	1/7/2025 15:00	0.97	126.87	71.7	26.89	21.03	2475.34	1720.79	29.25	101.33
722	1/7/2025 14:00	0.95	125.66	71.24	25.91	20.98	1912.39	1722.29	30.95	101.33
723	1/7/2025 13:00	0.86	126.84	71.94	25.38	21.05	2375.94	1724.09	31.4	101.33
724	1/7/2025 12:00	0.95	127.77	71.85	25.22	21.12	1913.02	1709.5	31.18	101.33
725	1/7/2025 11:00	0.81	127.4	72.13	26.79	21.14	1855.31	1697.79	28.27	101.33
726	1/7/2025 10:00	0.86	128.03	71.97	28.05	21.16	1869.06	1714.54	26.75	101.33
727	1/7/2025 9:00	0.93	127.3	72.24	29.03	21.16	1868.58	1715.97	26.62	101.33
728	1/7/2025 8:00	0.88	129.13	72.49	29.69	21.17	1852.84	1694.49	26.62	101.33
729	1/7/2025 7:00	0.99	130.84	72.76	30.17	21.16	1874.31	1724.09	26.63	101.33
730	1/7/2025 6:00	1.05	130.67	72.95	30.28	21.16	1881.47	1737.93	26.02	101.33
731	1/7/2025 5:00	0.84	130.79	72.47	30.47	21.15	1828.49	1690.67	25.99	101.33
732	1/7/2025 4:00	1	131.57	72.76	30.52	21.15	1824.94	1707.77	26.4	101.33
733	1/7/2025 3:00	1.02	131.22	72.57	30.33	21.14	1873.1	1734.68	27.03	101.33
734	1/7/2025 2:00	0.94	129.82	72.86	28.08	21.12	1895.66	1723.39	28.92	101.33
735	1/7/2025 1:00	0.89	129.13	73.01	27.21	21.12	3125.27	12717.1	29.77	101.33
736	1/7/2025 0:00	0.93	129.9	73.08	27.18	21.14	2990.52	1738.73	29.78	101.33
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