

KẾT QUẢ QUAN TRẮC KHÍ THẢI TỰ ĐỘNG, LIÊN TỤC
THÁNG 1 NĂM 2025

Tên cơ sở: Chi nhánh Công ty CP Thép Việt Ý tại Hải Phòng

Địa chỉ: xã Hoàng Động và xã Kiền Bái, huyện Thủy Nguyên, thành phố Hải Phòng

TT	Ngày	CO (mg/Nm3)	NOX (mg/Nm3)	SO2 (mg/Nm3)	O2 (%)	Bụi tổng (mg/Nm3)	Lưu lượng 1 (m3/h)	Lưu lượng 2 (m3/h)	Nhiệt độ (oC)	Áp suất (KPa)
1	24/01/2025 14:00	67.17	144.85	25.12	17.18	29.69	1838.45	6301.22	27.62	101.33
2	24/01/2025 13:00	66.43	113.16	12.32	17.12	31.4	1828.33	1718.04	27.27	101.33
3	24/01/2025 12:00	66.68	133.66	18.94	18.43	31.37	1794.13	1680.99	26.72	101.33
4	24/01/2025 11:00	66.21	101.26	5.27	18.5	31.89	1789.36	1697.35	25.81	101.33
5	24/01/2025 10:00	68.21	133.83	16.79	18.52	32.08	1816.8	1727.19	25.4	101.33
6	24/01/2025 09:00	69.18	142	20.83	18.54	32.43	1744.02	1640.85	24.3	101.33
7	24/01/2025 08:00	68.76	158.3	29.23	18.57	32.46	1854.58	1771.35	23.75	101.33
8	24/01/2025 07:00	67.99	118.3	12.21	18.58	32.72	1792.34	1722.42	22.89	101.33
9	24/01/2025 06:00	69.17	145.97	23.4	18.65	32.75	1771.33	1716.98	22.88	101.33
10	24/01/2025 05:00	69.65	135.58	17.35	18.66	32.86	1772.65	5412.62	22.9	101.33
11	24/01/2025 04:00	69.69	125.79	12.97	18.68	32.85	1820.65	1756.77	23.32	101.33
12	24/01/2025 03:00	69.77	135.45	16.57	18.69	32.72	1742.58	12219.13	23.51	101.33
13	24/01/2025 02:00	70.08	145.77	21.22	18.71	32.64	1797.71	4485.59	23.67	101.33
14	24/01/2025 01:00	71.4	152.43	25.29	18.79	32.83	1818.67	1738.96	24.15	101.33
15	24/01/2025 00:00	71.36	151.8	24.39	18.85	32.64	1778.23	1703.72	24.14	101.33
16	23/01/2025 23:00	70.88	149.46	21.05	18.91	32.66	1843.9	1762.15	24.26	101.33
17	23/01/2025 22:00	70.78	137.73	16.48	18.91	32.45	1775.83	1700.53	24.76	101.33
18	23/01/2025 21:00	71.42	148.15	21.19	18.96	32.57	1735.26	1654.38	24.73	101.33
19	23/01/2025 20:00	71.73	153.65	22.53	18.98	32.27	1810.84	1714.86	25.71	101.33
20	23/01/2025 19:00	72.06	148.71	21.92	19.01	32.29	1764.3	1684.22	26.16	101.33
21	23/01/2025 18:00	71.99	151.08	21.3	19.06	32.07	1884.81	1783.29	27.63	101.33
22	23/01/2025 17:00	73.02	144.48	18.33	19.03	32.02	1822.76	9054.67	28.74	101.33
23	23/01/2025 16:00	73.22	149.52	20.31	19.07	29.61	1835.89	1715.26	30.49	101.33
24	23/01/2025 15:00	73.8	154.53	22.14	19.12	26.99	1868.58	1748.92	31.18	101.33
25	23/01/2025 14:00	73.35	148.81	19.66	19.13	26.65	1794.13	1669.9	31.19	101.33
26	23/01/2025 13:00	74.5	150.57	20.84	19.19	29.29	1862.86	1727.91	29.77	101.33
27	23/01/2025 12:00	75.01	159.48	23.53	19.23	29.62	1767.08	1659.16	29.55	101.33
28	23/01/2025 11:00	75.21	160.03	25.05	19.28	32.34	1808.44	1722.82	26.86	101.33
29	23/01/2025 10:00	75.25	137.95	14.49	19.31	32.41	1764.81	1691.22	25.74	101.33
30	23/01/2025 09:00	76.61	160.69	24.08	19.32	32.29	1812.27	1738.41	25.17	101.33
31	23/01/2025 08:00	77.03	166.04	27.85	19.34	32.42	1789.89	6612.84	25.12	101.33
32	23/01/2025 07:00	76.25	140.56	14.37	19.37	32.41	1716.81	1686.85	26.64	101.33
33	23/01/2025 06:00	77.67	165.22	25.13	19.34	32.73	1807.77	1724.64	27.29	101.33
34	23/01/2025 05:00	78.16	157.07	21.11	19.34	32.55	1813.22	1722.02	27.71	101.33
35	23/01/2025 04:00	78.04	147.65	16.48	19.34	32.59	1857.37	1760.61	27.94	101.33
36	23/01/2025 03:00	78.97	169.45	24.64	19.32	32.57	1805.27	1718.04	27.92	101.33
37	23/01/2025 02:00	78.89	164.74	22.32	19.33	32.52	1820.38	1739.13	28.09	101.33
38	23/01/2025 01:00	80.75	172.4	26.62	19.34	32.33	1748	1660.75	29.13	101.33
39	23/01/2025 00:00	81.17	167.13	24.12	19.3	32.34	1732.09	1651.52	29.51	101.33
40	22/01/2025 23:00	83.35	174.27	25.26	19.2	32.25	1821.97	1721.22	29.49	101.33
41	22/01/2025 22:00	84.86	180.14	27.87	19.16	32.2	1789.36	1705.95	28.81	101.33
42	22/01/2025 21:00	86.04	183.06	29.44	19.03	32.13	1849.36	1741	29.37	101.33

43	22/01/2025 20:00	86.32	172.06	24.93	18.82	32.2	1816.94	1724.41	30.86	101.33
44	22/01/2025 19:00	88.09	148.56	13.9	18.63	31.96	1778.22	1675.07	32.09	101.33
45	22/01/2025 18:00	91.92	154.22	15.41	18.47	31.68	1911.06	1749.39	34.42	101.33
46	22/01/2025 17:00	99.53	162.21	21.94	17.99	29.37	45365.04	54336.78	42.53	101.33
47	22/01/2025 16:00	117.17	185.93	38.45	17.75	27.44	239171.79	284866.54	62.68	101.33
48	22/01/2025 15:00	237.24	198.51	49.42	18.97	27.1	330048.34	396787.51	82.16	101.33
49	22/01/2025 14:00	195.88	154.77	23.65	19.48	25.68	320795.46	388353.55	79.13	101.33
50	22/01/2025 13:00	189.85	169.58	34.33	19.63	23.36	336127.3	396578.25	76.95	101.33
51	22/01/2025 12:00	227.79	171.06	35.29	19.6	24.85	325748.7	390374.06	81.05	101.33
52	22/01/2025 11:00	239.2	162.92	29.76	19.6	25.95	316762.44	378203.24	86.36	101.33
53	22/01/2025 10:00	194.76	167.47	30.87	19.41	26.57	332459.96	390270.38	82.46	101.33
54	22/01/2025 09:00	228.3	176.24	35.95	19.5	27.25	300516.63	363568.97	89.95	101.33
55	22/01/2025 08:00	322.88	169.68	41.22	19.76	26.99	317004.27	389650.59	82.69	101.33
56	22/01/2025 07:00	203.77	176	34.24	19.87	28	327597.49	390303.1	82.45	101.33
57	22/01/2025 06:00	213.04	162.12	33.5	19.95	29	313529.06	393527.61	81.19	101.33
58	22/01/2025 05:00	216.2	163.13	29.13	20	31.59	334050.92	419078.89	79.62	101.33
59	22/01/2025 04:00	216.27	158.34	28.52	19.94	32.5	319190.2	398744.22	84.45	101.33
60	22/01/2025 03:00	251.62	169.95	36	20.1	32.55	340560.42	412135.17	79.62	101.33
61	22/01/2025 02:00	217.8	142.68	22.64	20.15	32.51	323541.58	386951.97	78.22	101.33
62	22/01/2025 01:00	170.91	151.89	25.51	20.06	32.47	310033.57	395982.25	83.08	101.33
63	22/01/2025 00:00	237.2	121.45	18.96	20.17	32.41	314985.96	386590.44	79.85	101.33
64	21/01/2025 23:00	291.78	156.22	37.05	20.19	32.46	318057.01	393823.2	79.4	101.33
65	21/01/2025 22:00	239.13	149.55	30.03	20.2	32.34	306247.17	390457.5	81.18	101.33
66	21/01/2025 21:00	160.26	157.46	31.84	20.39	32.17	338720.53	401684.05	72.11	101.33
67	21/01/2025 20:00	304.18	158.31	37.55	20.12	32.21	281029.27	375660.07	77.53	101.33
68	21/01/2025 19:00	102.87	150.75	19.72	20.05	31.77	73553.2	103900.34	37.13	101.33
69	21/01/2025 18:00	93.94	145.61	23.84	19.95	30.87	28533.41	47905.84	42.62	101.33
70	21/01/2025 17:00	132.48	165.14	35.65	20.25	26.77	238959.41	306521.6	70.41	101.33
71	21/01/2025 16:00	194.69	178.67	61.85	20.34	24.7	334357.56	403245.84	78.02	101.33
72	21/01/2025 15:00	220.86	154.66	28.62	20	23.75	319516.33	391687.69	85.6	101.33
73	21/01/2025 14:00	246.31	168.66	34.61	19.98	21.85	316618.73	387674.55	78.44	101.33
74	21/01/2025 13:00	179.94	163.4	35.17	20.09	21.8	312484.41	396077.74	83.38	101.33
75	21/01/2025 12:00	254.97	168.05	32.56	20.03	20.98	322715.26	390314.7	85.84	101.33
76	21/01/2025 11:00	243.13	173.32	37.29	19.97	22.4	314658.91	383412.72	84.88	101.33
77	21/01/2025 10:00	266.28	163.67	33.83	20.17	25.81	306017.27	382013.19	83.2	101.33
78	21/01/2025 09:00	210.23	161.29	30.41	20.24	26.31	329874.92	387413.81	73.69	101.33
79	21/01/2025 08:00	177.07	164.84	31.44	20.16	28.87	316157.08	388998.13	76.91	101.33
80	21/01/2025 07:00	199.2	163.64	32.33	20.24	32.45	324261.31	387461.56	78.81	101.33
81	21/01/2025 06:00	214.03	177.66	33.25	20.36	32.45	298880.73	380672.61	81.98	101.33
82	21/01/2025 05:00	224.74	181.99	38.42	20.25	31.96	303602.23	386106.44	81.51	101.33
83	21/01/2025 04:00	262.98	119.37	15.83	20.39	31.61	320896.81	386798.05	75.2	101.33
84	21/01/2025 03:00	244.22	169.15	35.63	20.27	30.83	326775.77	388303.7	77.1	101.33
85	21/01/2025 02:00	244.2	172.58	38.84	20.32	29.66	313824.97	382908.81	76.36	101.33
86	21/01/2025 01:00	238.52	178.92	41.48	20.22	30.82	319400.6	382534.81	76.73	101.33
87	21/01/2025 00:00	259.79	137.62	22.65	20.07	31.75	328874.69	389413.66	74.58	101.33
88	20/01/2025 23:00	253.3	150.99	30.1	19.98	31.88	325233.1	385387.09	76.73	101.33
89	20/01/2025 22:00	285.62	136.15	21.12	20.33	32.61	312654.65	381508.7	75.98	101.33
90	20/01/2025 21:00	208.6	131.73	19.65	20.3	32.51	337490.18	397321.44	74.46	101.33
91	20/01/2025 20:00	366.94	139.14	32.39	20.17	32.37	288363.75	373826.2	75.05	101.33
92	20/01/2025 19:00	98.95	126.22	12.37	20.25	32.05	13727.09	1688.76	33.64	101.33

93	20/01/2025 18:00	89.61	143.53	21.97	19.85	31.01	21128.27	25702.93	39.47	101.33
94	20/01/2025 17:00	151.14	151.54	29.66	20.29	28.66	250071.56	307743.49	67.78	101.33
95	20/01/2025 16:00	298.32	167.21	41.67	20.46	27.21	308123.27	391829.13	78.84	101.33
96	20/01/2025 15:00	237.63	149.47	29.95	20.26	26.31	310861.06	392866.35	82.14	101.33
97	20/01/2025 14:00	224.71	159.84	35.55	20.17	24.85	315482.16	382836.41	79.05	101.33
98	20/01/2025 13:00	269.87	159.55	32.8	19.82	24.81	310282.73	382433.5	77.01	101.33
99	20/01/2025 12:00	219.47	157.29	25.91	18.78	24.62	307675.56	382845.52	79.17	101.33
100	20/01/2025 11:00	205.77	169.67	34.05	18.87	26.98	313496.25	387810.42	77.58	101.33
101	20/01/2025 10:00	177.05	140.09	21.22	18.92	30.56	311894.02	393508.14	74.58	101.33
102	20/01/2025 09:00	200.15	149.98	24.19	18.87	30.74	325340.92	407761.58	74.44	101.33
103	20/01/2025 08:00	234.37	148.46	26.95	18.87	32	323617.46	401873.34	77.12	101.33
104	20/01/2025 07:00	241.94	140.51	23.37	18.88	31.69	318782.12	393231.24	72.74	101.33
105	20/01/2025 06:00	238.18	127.83	15.82	18.88	31.71	314413.58	396681.69	73.75	101.33
106	20/01/2025 05:00	222.9	128.5	15.38	18.96	31.01	320868.32	398369.9	75.62	101.33
107	20/01/2025 04:00	236.11	128.11	16.37	19.09	32.43	319331.95	399665.68	73.55	101.33
108	20/01/2025 03:00	214.58	132.4	23.03	19.3	32.03	325833.46	412199.37	75.23	101.33
109	20/01/2025 02:00	209.53	137.67	23.54	19.35	32	310315.44	392456.35	74.8	101.33
110	20/01/2025 01:00	220.84	131.38	21.58	19.38	31.2	312083.51	395235.99	76.32	101.33
111	20/01/2025 00:00	211.07	131.23	23.31	19.43	30.8	313101.69	395438.23	78.21	101.33
112	19/01/2025 23:00	235	147.61	28.61	19.51	30.83	316258.12	387634.23	75.57	101.33
113	19/01/2025 22:00	241.05	142.22	26.05	19.33	30.98	311458.27	385774.38	75.61	101.33
114	19/01/2025 21:00	240.04	133.54	21.75	19.13	31.78	314057.32	388312.2	74.72	101.33
115	19/01/2025 20:00	247.38	147.42	30.45	19.21	29.94	312732.08	400935.65	73.36	101.33
116	19/01/2025 19:00	211.98	148.53	31.25	19.27	28.57	314848.01	393820.24	79.16	101.33
117	19/01/2025 18:00	245.48	153.6	34.7	19.32	29.39	307109.29	400396.61	80.32	101.33
118	19/01/2025 17:00	234.75	148.08	34.06	19.03	30.7	324039.36	399222.61	79.75	101.33
119	19/01/2025 16:00	217.03	145.12	25.47	18.67	28.75	322568.38	393104.74	77.48	101.33
120	19/01/2025 15:00	216.41	152.65	25.48	18.59	26.47	328849.3	388003.46	72.94	101.33
121	19/01/2025 14:00	291.38	153.29	25.62	18.52	25.6	307518.79	382904.74	74.1	101.33
122	19/01/2025 13:00	130.71	150.76	36.24	18.55	26.15	168393.54	223683.82	41.28	101.33
123	19/01/2025 12:00	89	146.48	29.87	18.75	27.87	135144.9	179290.78	40.9	101.33
124	19/01/2025 11:00	95.45	145.03	21.47	18.73	30.72	132838.55	191116.51	47.28	101.33
125	19/01/2025 10:00	136.67	146.89	25.58	18.8	31.93	280800.76	375994.31	70.7	101.33
126	19/01/2025 09:00	241.18	153.49	34.05	18.85	32.65	314364.91	385675.33	77.77	101.33
127	19/01/2025 08:00	308.22	162.64	35.72	18.9	32.71	289520.34	381300.23	78.07	101.33
128	19/01/2025 07:00	240.77	162.08	33.05	18.86	32.84	299831.24	379244.21	78.32	101.33
129	19/01/2025 06:00	274.33	174.31	36.9	18.78	32.67	297151	376215.49	77.86	101.33
130	19/01/2025 05:00	248.33	133.71	25.17	18.83	32.66	295463.31	381625.87	80.46	101.33
131	19/01/2025 04:00	295.5	163.01	31.91	18.86	32.73	276055.79	377820.28	81.74	101.33
132	19/01/2025 03:00	262.3	174.13	34.97	18.85	32.74	272114.16	385843.84	78.61	101.33
133	19/01/2025 02:00	292.51	141.41	25.17	18.85	32.68	285607.82	379273.33	78.11	101.33
134	19/01/2025 01:00	190.47	160.15	30.48	18.86	32.6	285328.59	372306.56	81.43	101.33
135	19/01/2025 00:00	273.53	155.49	31.93	18.66	32.48	276575.77	370292.25	79.91	101.33
136	18/01/2025 23:00	216.32	157.42	30.74	18.72	32.49	320692.58	389192.82	76.23	101.33
137	18/01/2025 22:00	242.26	160.37	28.8	18.67	32.58	305898.74	373377.94	76.32	101.33
138	18/01/2025 21:00	237.85	165.1	34.18	18.74	32.65	319850.28	379041.31	75.12	101.33
139	18/01/2025 20:00	348.15	144.05	26	18.6	32.3	251570.11	357818.73	76.83	101.33
140	18/01/2025 19:00	92.27	159.11	21.88	18.79	31.98	110192.2	154867.18	39.77	101.33
141	18/01/2025 18:00	87.75	158.36	24.01	18.16	29.65	82608.94	133077.83	49.16	101.33
142	18/01/2025 17:00	153.96	162.12	27.55	18.93	28.05	235066.39	309369.96	83.16	101.33

143	18/01/2025 16:00	253.43	154.3	29.7	18.96	31.75	298948.75	368524.53	85.74	101.33
144	18/01/2025 15:00	237.95	159.92	30.74	19	30.34	297594.33	374019.3	85.61	101.33
145	18/01/2025 14:00	258.07	162.29	33.34	18.98	28.19	300554.32	371284.85	86.1	101.33
146	18/01/2025 13:00	205.67	155.17	29.53	18.71	28.44	303203.23	377844.37	86.91	101.33
147	18/01/2025 12:00	259.53	154.87	24.88	18.57	27.22	286499.38	384889.92	89.89	101.33
148	18/01/2025 11:00	230.02	160.93	28.31	18.64	26.49	295851.79	387342.4	87.75	101.33
149	18/01/2025 10:00	268.89	166.04	30.07	18.57	28.82	254337.37	368261	88.36	101.33
150	18/01/2025 09:00	300.12	167.78	33.88	18.52	29.03	291235.43	374786.86	81.97	101.33
151	18/01/2025 08:00	281.77	167.04	34.07	18.47	31.1	272800.48	367786.66	86.47	101.33
152	18/01/2025 07:00	284.13	179.24	41.08	18.36	32.68	286615.82	374087.88	83.8	101.33
153	18/01/2025 06:00	327.93	182.35	38.51	18.24	32.73	287294.17	383130.81	80.62	101.33
154	18/01/2025 05:00	244.5	169.66	33.85	18.02	32.7	297221.95	380178.1	78.98	101.33
155	18/01/2025 04:00	251.07	166.73	34.12	17.89	32.7	285249.22	370482.54	78.65	101.33
156	18/01/2025 03:00	240.89	136.48	22.08	17.86	32.57	305282.69	382626.33	76.04	101.33
157	18/01/2025 02:00	364.4	168.45	30.61	17.78	32.66	287712.63	370998.87	74.6	101.33
158	18/01/2025 01:00	250.67	169.5	29.29	17.71	32.66	298454.11	378034.27	79.59	101.33
159	18/01/2025 00:00	273.48	168.74	34.66	17.72	32.7	289416.93	366224.33	76.92	101.33
160	17/01/2025 23:00	249.66	163.87	33.54	18.12	32.49	306212	374986.9	73.73	101.33
161	17/01/2025 22:00	276.08	165.83	31.32	18.17	32.59	306288.36	375222.28	77.6	101.33
162	17/01/2025 21:00	230.13	169.02	31.73	18.32	32.58	304227.95	376155.19	74.67	101.33
163	17/01/2025 20:00	284.15	165.56	53.45	18.27	32.57	240313.93	349130.77	75.46	101.33
164	17/01/2025 19:00	105.63	152.9	17.6	18.34	32.11	93460.08	113844.63	37.89	101.33
165	17/01/2025 18:00	108.39	155.37	18.24	18.15	31.96	18469.43	26979.86	42.82	101.33
166	17/01/2025 17:00	164.48	164.07	23.68	18.42	30.56	238996.16	320556.62	78.63	101.33
167	17/01/2025 16:00	266.4	165.73	25.41	18.33	27.7	302397.37	380814.3	81.9	101.33
168	17/01/2025 15:00	235.28	168.44	33.26	18.33	26.16	294521.98	380912.39	84.89	101.33
169	17/01/2025 14:00	229.99	174.4	36.39	18.33	24.08	298770.24	380039.64	82.91	101.33
170	17/01/2025 13:00	234.46	170.98	26.8	18.2	24.88	297026.9	381171.82	88.65	101.33
171	17/01/2025 12:00	322.1	160.63	21.95	18.16	24.93	293927.77	381042.02	89.57	101.33
172	17/01/2025 11:00	230	169.65	27.08	18.04	26.93	275973.55	376235.67	87.57	101.33
173	17/01/2025 10:00	257.55	157.98	20.67	18.03	28.01	294396.92	381942.68	79.29	101.33
174	17/01/2025 09:00	256.97	177.82	29.89	18.08	29.53	301389.25	378182.02	82.29	101.33
175	17/01/2025 08:00	287.35	176.16	26.43	18.78	30.82	302942.28	380623.27	81.75	101.33
176	17/01/2025 07:00	234.56	176.06	28.03	18.8	32.65	273482.99	371140.19	81.66	101.33
177	17/01/2025 06:00	262.55	164.58	27	18.81	32.77	313174.88	388464.97	74.84	101.33
178	17/01/2025 05:00	243.94	165.58	27.7	18.87	32.7	313999.38	392498.91	69.54	101.33
179	17/01/2025 04:00	258.86	166.63	29.68	18.94	32.51	313126.96	390445.74	74.28	101.33
180	17/01/2025 03:00	283.5	173.09	29.39	18.98	32.22	283251.96	376192.92	78.08	101.33
181	17/01/2025 02:00	261.18	170.41	30.63	19.13	32.55	292365.46	378081.22	70.94	101.33
182	17/01/2025 01:00	274.51	174.66	32.61	19.12	32.06	269441.87	371355.01	73.34	101.33
183	17/01/2025 00:00	299.19	162.4	28.24	19.19	32.42	292478.26	383427.53	73.16	101.33
184	16/01/2025 23:00	230.83	135.89	20.05	19.25	32.5	296860.17	368845.64	73.95	101.33
185	16/01/2025 22:00	220.49	140.47	25.34	19.38	32.51	316826.61	372110.08	67.03	101.33
186	16/01/2025 21:00	222.5	141.35	23.95	19.29	32.5	291077.93	364899.59	67.07	101.33
187	16/01/2025 20:00	211.69	146.45	15.05	19.28	32.72	268551.73	333559.15	45.44	101.33
188	16/01/2025 19:00	73.5	129.87	15.37	19.62	32.4	67159.82	75396.39	22.43	101.33
189	16/01/2025 18:00	74.54	139.05	20.22	19.77	32.14	1811.1	1720.16	21.94	101.33
190	16/01/2025 17:00	74.7	146.76	23.64	19.86	31.83	1816.94	1713.27	23.61	101.33
191	16/01/2025 16:00	75.9	150.99	28.69	19.99	30.25	1835.18	3914.1	25.92	101.33
192	16/01/2025 15:00	76.06	123.91	18.52	20.16	27.06	1848.54	1743.67	27.06	101.33

193	16/01/2025 14:00	74.06	116.37	13.63	20.18	24.32	1807.97	1694.01	29.4	101.33
194	16/01/2025 13:00	74.51	126.93	15.29	19.74	24.23	1855.74	1705.6	30.2	101.33
195	16/01/2025 12:00	76.02	152.17	28.75	19.66	23.5	1800.64	1672.61	29.94	101.33
196	16/01/2025 11:00	75.65	112.93	9.33	19.7	23.76	1842.72	3699.99	29.51	101.33
197	16/01/2025 10:00	76.58	138.37	21.98	19.75	25.52	1798.42	1676.35	28.08	101.33
198	16/01/2025 09:00	76.34	113.42	9.72	19.91	29.01	1745.45	3881.63	25.26	101.33
199	16/01/2025 08:00	77.6	132.25	18.04	20.02	32.43	1706.1	1640.59	21.81	101.33
200	16/01/2025 07:00	77.65	130.84	17.58	19.86	32.8	1687.01	1622.56	21.59	101.33
201	16/01/2025 06:00	77.71	109.26	11.29	19.78	33.1	1714.29	1650.04	21.6	101.33
202	16/01/2025 05:00	79.4	138.5	16.37	19.73	33	1746.88	1681.6	22.07	101.33
203	16/01/2025 04:00	79.43	145.33	18.5	19.67	32.7	1755.47	1699.26	22.57	101.33
204	16/01/2025 03:00	79.52	162.94	25.94	19.52	32.85	1753.56	6081.66	22.88	101.33
205	16/01/2025 02:00	80.08	139.05	17.05	19.81	32.62	1774.17	1701.26	23.51	101.33
206	16/01/2025 01:00	80.34	148.54	22.74	19.63	32.73	1761.78	1687.8	23.57	101.33
207	16/01/2025 00:00	81.34	150.94	19.85	19.3	32.68	1757.38	1675.87	24.2	101.33
208	15/01/2025 23:00	82.32	143.99	15.34	19.48	32.34	1745.87	4117.96	24.75	101.33
209	15/01/2025 22:00	82.97	147.8	16.09	19.98	32.48	1778.62	1702.13	24.92	101.33
210	15/01/2025 21:00	83.13	148.61	16.71	19.96	32.45	1723.84	1653.95	25.37	101.33
211	15/01/2025 20:00	84.32	164.6	23.99	19.98	32.7	1779.34	12868.92	25.77	101.33
212	15/01/2025 19:00	85.48	181.22	32.98	20.05	32.49	1769.4	1684.77	26.01	101.33
213	15/01/2025 18:00	84.03	140.46	16.8	19.9	32.44	1768.36	3869.7	26.62	101.33
214	15/01/2025 17:00	85.49	128.48	13.03	19.92	32.27	1777.64	1692.58	27.44	101.33
215	15/01/2025 16:00	86.02	183.89	32.89	19.93	31.92	1813.22	1711.15	28.67	101.33
216	15/01/2025 15:00	84.55	130.84	12.96	19.92	31.19	1775.47	1668.71	29.61	101.33
217	15/01/2025 14:00	87.49	154.75	17.01	19.84	28.89	1847.31	1733.5	30.42	101.33
218	15/01/2025 13:00	88.3	171.34	24.24	19.86	27.76	1812.62	1695.56	30.41	101.33
219	15/01/2025 12:00	88.85	155.48	19.5	19.89	30.27	1776.83	4435.46	29.29	101.33
220	15/01/2025 11:00	89.31	172.6	24.8	19.89	32.21	1765.02	1676.34	28.51	101.33
221	15/01/2025 10:00	90.22	192.38	33.55	19.89	32.29	1767.4	1678.25	28.45	101.33
222	15/01/2025 09:00	89.71	149.09	15.54	19.86	32.13	1770.27	1670.14	27.44	101.33
223	15/01/2025 08:00	90.33	133.37	13.91	19.84	32.57	1727.31	1668.71	26.63	101.33
224	15/01/2025 07:00	92.79	166.43	19.7	19.85	33.09	1727.31	1660.12	26.68	101.33
225	15/01/2025 06:00	94.77	168.54	19.54	19.84	33.17	1791.74	1701.17	27.53	101.33
226	15/01/2025 05:00	95.46	169.74	20.27	19.8	32.95	1766.56	1687.27	27.9	101.33
227	15/01/2025 04:00	96.27	174.04	22.54	19.82	32.68	1717.77	1626.8	28.42	101.33
228	15/01/2025 03:00	98.34	185.76	29.33	19.81	32.95	1765.49	1677.78	29.02	101.33
229	15/01/2025 02:00	99.26	189.19	30.95	19.8	32.85	1795.19	1703.72	29.58	101.33
230	15/01/2025 01:00	99.12	157.08	16.17	19.79	32.48	1780.87	1688.86	30.27	101.33
231	15/01/2025 00:00	100.9	152.54	14.45	19.79	32.41	1760.72	1656.12	31.36	101.33
232	14/01/2025 23:00	103.84	182.84	23.01	19.75	32.3	1740.76	1646.57	29.31	101.33
233	14/01/2025 22:00	106.64	183.56	23.41	19.77	32.29	1780.34	1659.16	29	101.33
234	14/01/2025 21:00	107.48	186.18	22.89	19.76	32.02	1786.97	1686.61	30.42	101.33
235	14/01/2025 20:00	111.05	190.46	24.14	19.72	32.14	1785.78	1666.32	32.45	101.33
236	14/01/2025 19:00	117.05	205.63	29.8	19.76	32.15	1858.56	1668.71	34.4	101.33
237	14/01/2025 18:00	123.25	211.7	31.84	19.6	32.1	86610.28	122913.18	45.54	101.33
238	14/01/2025 17:00	210.18	225.54	36.71	19.54	31.1	302109.93	390811.57	86.01	101.33
239	14/01/2025 16:00	301.56	201.76	30.69	19.31	27.54	315985.74	384896.6	83.57	101.33
240	14/01/2025 15:00	261.13	215.9	35.05	19.23	26.29	310138.93	382980.58	87.97	101.33
241	14/01/2025 14:00	270.01	233.03	41.97	19.33	26.87	315358.24	376171.54	86.83	101.33
242	14/01/2025 13:00	277.34	223.27	39.02	19.32	28.87	313761.62	382019.57	82.84	101.33

243	14/01/2025 12:00	296.09	189.91	21.56	19.39	31.43	312871.02	388295.75	84.93	101.33
244	14/01/2025 11:00	314.27	218.6	43.28	19.63	31.79	309842.46	386875.96	82.14	101.33
245	14/01/2025 10:00	255.51	213.48	39.21	19.93	31.89	334830.67	390141.97	86.49	101.33
246	14/01/2025 09:00	225.73	220.54	47.84	19.92	31.75	325142.84	410935.11	75.31	101.33
247	14/01/2025 08:00	278.84	187.18	30.01	19.69	29.08	318266.01	403194.79	82.27	101.33
248	14/01/2025 07:00	276.61	206.23	32.95	19.34	31.96	300871	386166.51	87.7	101.33
249	14/01/2025 06:00	289.56	211.7	37.29	19.31	31.32	304608.49	383343.25	88.65	101.33
250	14/01/2025 05:00	280.98	218.37	40.51	19.26	29.91	302357.06	386230.04	80.98	101.33
251	14/01/2025 04:00	292.08	204.86	30.04	19.34	30.3	300644.16	378726.84	87.67	101.33
252	14/01/2025 03:00	305.2	153.6	11.76	19.58	30.02	300138.92	377089.36	83.65	101.33
253	14/01/2025 02:00	393	213.37	34.66	19.66	30.06	294198.95	378305.97	89.31	101.33
254	14/01/2025 01:00	344.53	225.63	40.34	19.72	31.6	303084.38	381853.89	89.68	101.33
255	14/01/2025 00:00	290.07	237.93	45.97	19.82	32.09	315905.32	385663.02	83.51	101.33
256	13/01/2025 23:00	276.14	212.05	36.5	19.9	32.22	310492.96	371136.76	77.82	101.33
257	13/01/2025 22:00	381.6	213.65	39.09	19.79	32.61	266814.9	346923.59	84.22	101.33
258	13/01/2025 21:00	294.26	204.64	31.85	19.85	32.48	152086.61	238888.47	48.13	101.33
259	13/01/2025 20:00	121.46	196.67	27.1	19.99	32.4	28909.72	127581.66	34.42	101.33
260	13/01/2025 19:00	124.77	194.31	25.07	20.15	32.18	9828.12	74958.82	35.24	101.33
261	13/01/2025 18:00	155.14	224.03	35.66	20.14	31.75	1818.59	1680.64	36.7	101.33
262	13/01/2025 17:00	162.1	228.44	33.9	19.67	29.83	99182.56	135357.87	51.62	101.33
263	13/01/2025 16:00	301.36	254.85	45.85	19.25	26.04	322055.61	405719.16	98.64	101.33
264	13/01/2025 15:00	335.83	211.21	34.22	19.11	25.11	318239.22	396535.66	97.75	101.33
265	13/01/2025 14:00	311.03	222.81	37.44	18.98	22.45	323098.17	395739.21	98.48	101.33
266	13/01/2025 13:00	330.43	196.43	24.72	18.58	22.49	308007.54	391394.32	99.07	101.33
267	13/01/2025 12:00	326.74	258.91	50.06	18.52	24.61	324087.58	377122.97	97.95	101.33
268	13/01/2025 11:00	378.13	241.27	48.78	19.04	26.18	309895.38	366020.18	90.02	101.33
269	13/01/2025 10:00	324.77	222.99	37.56	19.21	25.92	305628.28	369818.64	89.24	101.33
270	13/01/2025 09:00	335.85	213.03	30.78	19.24	27.3	301558.04	379634.76	86.55	101.33
271	13/01/2025 08:00	307.52	232.45	46.42	19.13	29.27	297451.16	372674.52	83.21	101.33
272	13/01/2025 07:00	333.9	247.74	50.86	18.99	32.61	295151.03	376069.74	78.44	101.33
273	13/01/2025 06:00	259.83	199.86	25.24	18.88	32.38	296218.24	376067.36	83.76	101.33
274	13/01/2025 05:00	309.95	214.4	33.35	18.72	32.63	305585.06	378820.74	79.87	101.33
275	13/01/2025 04:00	290.5	260.13	54.76	18.8	32.6	299450.49	375250.67	82.99	101.33
276	13/01/2025 03:00	269.86	240.76	48.19	18.8	32.29	298983.22	371097.92	79.47	101.33
277	13/01/2025 02:00	297.88	188.6	25.68	18.75	32.22	299310.04	381313.42	82.65	101.33
278	13/01/2025 01:00	320.91	221.21	47.56	18.78	32.44	299286.32	374472.14	79.82	101.33
279	13/01/2025 00:00	291.54	170.4	25.44	19.04	32.46	319561.95	383546.82	66.61	101.33
280	12/1/2025 23:00	213.11	197.75	30.33	19.04	32.49	325733.71	390188.04	69.37	101.33
281	12/1/2025 22:00	295.5	196.06	30.1	19.14	32.37	296812.44	367444.83	80.53	101.33
282	12/1/2025 21:00	289.94	156.59	20.75	19.32	32.27	302989.72	375369.37	79.31	101.33
283	12/1/2025 20:00	230.08	205.83	48.55	19.62	32.04	310822.04	374699.48	79.19	101.33
284	12/1/2025 19:00	257.64	163.93	28.42	19.42	31.88	284423.13	364405.3	83.05	101.33
285	12/1/2025 18:00	158.51	158.44	22.43	19.24	31.52	305661.43	380250.39	65	101.33
286	12/1/2025 17:00	238.79	195.39	39.04	19.33	29.38	311490.24	377877.31	83.27	101.33
287	12/1/2025 16:00	292.96	181.96	29.77	19.46	26.55	313908.15	374517.57	82.16	101.33
288	12/1/2025 15:00	275.15	156.23	24.45	19.33	25.85	319303.15	385382.34	88.8	101.33
289	12/1/2025 14:00	241.28	111.9	12.92	19.22	22.47	300366.27	377497.71	89.62	101.33
290	12/1/2025 13:00	220.98	118.64	18.37	19.04	20.7	323538.76	385328.2	84.65	101.33
291	12/1/2025 12:00	272.3	145.85	31.22	18.89	20.43	301586.32	374766.08	85.48	101.33
292	12/1/2025 11:00	261.01	151.69	33.82	18.7	22.38	300384.88	373490.61	86.58	101.33

293	12/1/2025 10:00	274.06	103.49	14.84	19.46	23.87	289517.69	382832.65	85.41	101.33
294	12/1/2025 9:00	250.92	85.76	5.74	19.58	26.41	289600.27	387371.64	79.57	101.33
295	12/1/2025 8:00	222.07	126.83	21.74	19.63	31.01	279751.58	367607.15	79.3	101.33
296	12/1/2025 7:00	213.3	146.72	29.09	19.61	32.69	309453.16	364219.62	77.58	101.33
297	12/1/2025 6:00	158.21	156.96	36.48	19.54	32.58	305686.04	365932.3	77.12	101.33
298	12/1/2025 5:00	172.09	90.59	5.92	19.62	32.86	306678.9	365194.06	71.47	101.33
299	12/1/2025 4:00	188.72	125.19	22.88	19.74	32.81	309703.07	366968.33	71.49	101.33
300	12/1/2025 3:00	212.64	157.8	37.41	19.73	32.78	297322.95	360336.95	75.56	101.33
301	12/1/2025 2:00	253.84	84.32	5.73	19.69	32.62	310128.82	366834.44	71.8	101.33
302	12/1/2025 1:00	227.75	138.6	28.76	19.62	32.82	320973.11	376864.29	79.04	101.33
303	12/1/2025 0:00	234.04	113.24	20.9	19.29	32.7	298897.11	364004.53	80.97	101.33
304	11/1/2025 23:00	280.4	131.46	29.94	19.52	32.85	293684.35	370258.36	81.11	101.33
305	11/1/2025 22:00	226.64	137.33	33.22	19.46	32.81	294120.41	360754.04	76.5	101.33
306	11/1/2025 21:00	227.62	176.58	51.77	19.54	32.52	298328.28	359448.2	75.58	101.33
307	11/1/2025 20:00	340.75	124.56	30.88	19.56	32.61	237386.77	335768.17	78	101.33
308	11/1/2025 19:00	96.27	76.27	2.29	20.09	32.48	59942.96	100338.4	32.63	101.33
309	11/1/2025 18:00	89.11	58.81	0.81	19.71	32.3	47578.82	64454.17	40.27	101.33
310	11/1/2025 17:00	161.19	112.78	14.39	19.86	32.06	281769.05	347457.85	82.21	101.33
311	11/1/2025 16:00	251.06	129.19	18.68	19.8	29.65	301075.04	381871.55	87.07	101.33
312	11/1/2025 15:00	246.73	135.79	24.86	19.84	30.62	303552.38	385955.75	85	101.33
313	11/1/2025 14:00	221.81	124.45	21.25	19.94	32.05	306672.09	381674.36	81.24	101.33
314	11/1/2025 13:00	251.53	135.74	25.87	19.78	32.16	317709.2	381901.65	77.75	101.33
315	11/1/2025 12:00	255.91	127.47	25.43	20.06	32.14	314506.34	389142.05	78.66	101.33
316	11/1/2025 11:00	223.27	109.78	20.47	20.07	32.12	318228.97	388815.89	75.59	101.33
317	11/1/2025 10:00	219.17	119.21	24.68	20.23	32.47	287759.57	363918.17	72.22	101.33
318	11/1/2025 9:00	79.18	96.73	8.33	20.62	32.42	318021.93	374957.2	52.93	101.33
319	11/1/2025 8:00	137.1	71.03	6.32	20.16	32.6	301854.91	372880.46	68.61	101.33
320	11/1/2025 7:00	191.21	114.76	13.98	20.09	32.55	310321.9	374666.58	78.16	101.33
321	11/1/2025 6:00	224.73	118.36	17.36	19.9	32.8	302519.67	368878.31	79.61	101.33
322	11/1/2025 5:00	205.49	120.67	15.9	19.92	32.8	311238.23	369906.48	75.75	101.33
323	11/1/2025 4:00	198.1	118.44	12.9	19.93	32.55	303154.54	366282.25	75.25	101.33
324	11/1/2025 3:00	205.51	122.1	14.48	19.75	32.69	318237.07	374541.93	76.33	101.33
325	11/1/2025 2:00	247.94	119.24	16.5	19.89	32.73	310194.01	372022.56	73.75	101.33
326	11/1/2025 1:00	247.21	117.73	14.87	19.9	32.7	315256.35	368752.1	70.26	101.33
327	11/1/2025 0:00	135.58	125.74	17.06	20.05	32.42	318500.05	385198.34	67.61	101.33
328	10/1/2025 23:00	188.89	132.2	21.1	19.88	32.06	308058.13	386508.44	70.84	101.33
329	10/1/2025 22:00	203.81	138.7	23.24	19.91	32.54	315279.97	382133.29	68.12	101.33
330	10/1/2025 21:00	148.09	168	35.82	19.98	32.61	326216.72	400308.3	58	101.33
331	10/1/2025 20:00	252.75	127.49	17.35	19.8	32.54	268122.17	367510.71	74.33	101.33
332	10/1/2025 19:00	90.2	70.27	0.7	19.38	32.36	66572.5	65942.81	32.48	101.33
333	10/1/2025 18:00	89.74	110.61	2.76	19.11	32.23	1810.18	1658.29	34.7	101.33
334	10/1/2025 17:00	122.78	162.05	23.7	19.46	32.27	212371.56	287208.51	66.22	101.33
335	10/1/2025 16:00	263.08	156.77	17.56	19.82	32.47	279920.03	368891.33	87.43	101.33
336	10/1/2025 15:00	244.09	128.45	16.6	19.77	32.21	279809.34	370943.98	87.38	101.33
337	10/1/2025 14:00	151.43	120.64	12.94	19.91	31.93	285242.21	350888.71	66.59	101.33
338	10/1/2025 13:00	334.68	117.96	13.48	20	31.69	313906.23	379206.03	78.44	101.33
339	10/1/2025 12:00	199.71	114.55	8.27	19.9	30.48	317009.47	383082.07	83.14	101.33
340	10/1/2025 11:00	210.87	116.42	11.29	19.99	29.93	301373.34	373045.16	86.08	101.33
341	10/1/2025 10:00	223.43	129.67	18.17	19.87	30.97	299565.87	366299.94	75.35	101.33
342	10/1/2025 9:00	222.6	122.58	15.93	20.23	31.78	305228.17	370352.57	79.21	101.33

343	10/1/2025 8:00	219.31	105.41	12.51	20.13	32.46	316479.25	374727.19	79.43	101.33
344	10/1/2025 7:00	217.04	106.87	8.89	20.09	32.55	307335.86	370238.99	79.9	101.33
345	10/1/2025 6:00	230.53	109.59	11	19.85	32.54	305758.1	375926.49	78.21	101.33
346	10/1/2025 5:00	225.69	104.32	15.57	20.03	32.45	303828.71	371841.46	76.42	101.33
347	10/1/2025 4:00	197.44	89.98	12.28	19.99	32.43	313014.67	376546.7	68.83	101.33
348	10/1/2025 3:00	230.13	82.97	7.61	19.94	32.56	311667.73	376199.07	72.47	101.33
349	10/1/2025 2:00	196.41	73.11	4.36	19.79	32.47	303920.7	381163.2	73.02	101.33
350	10/1/2025 1:00	205.97	83.87	12.31	19.51	32.24	313734.37	384815.23	73.84	101.33
351	10/1/2025 0:00	205.34	79.84	11.6	19.11	32.41	313676.82	381156.6	66.64	101.33
352	9/1/2025 23:00	170.06	94.08	15.5	18.88	32.26	304347.85	363992.03	64.53	101.33
353	9/1/2025 22:00	196.95	91.02	12.45	20.18	32.45	262336.59	363034.04	63.25	101.33
354	9/1/2025 21:00	138.64	87.93	4.75	20.07	32.4	250277.46	351733.95	55.4	101.33
355	9/1/2025 20:00	168	105.09	0.95	19.99	32.13	277143.24	343360.94	40.01	101.33
356	9/1/2025 19:00	44.64	78.59	0.93	19.97	32.15	91869.04	123993.05	25.12	101.33
357	9/1/2025 18:00	41.57	76.37	0.86	20.18	32.07	1814.08	1712.54	23.92	101.33
358	9/1/2025 17:00	41.97	78.07	1.28	20.19	31.88	1851.4	1742.93	24.63	101.33
359	9/1/2025 16:00	42.24	77.47	0.8	20.2	29.84	1817.99	1710.08	25.97	101.33
360	9/1/2025 15:00	41.68	77.64	0.8	20.19	25.83	1838.99	1685.42	27.84	101.33
361	9/1/2025 14:00	42.06	77.65	0.96	20.18	24.87	1859.52	1730.77	27.86	101.33
362	9/1/2025 13:00	42.33	72.26	0.97	20.14	25.38	1851.93	4176.84	27.29	101.33
363	9/1/2025 12:00	42.48	77.06	0.73	20.17	25.58	1768.83	1658.2	27.39	101.33
364	9/1/2025 11:00	43.33	81.42	1.16	20.22	25.55	1812.74	1713.11	26.97	101.33
365	9/1/2025 10:00	43.53	84.76	1.31	20.28	28.68	1758.33	1683.98	25.21	101.33
366	9/1/2025 9:00	44.42	91.07	3.78	20.26	31.67	1755.51	1681.73	23.6	101.33
367	9/1/2025 8:00	45.55	84.5	1.85	20.23	32.24	1767.09	1700	22.53	101.33
368	9/1/2025 7:00	45.67	89.21	1.96	20.18	32.85	1732.61	1685.15	22.25	101.33
369	9/1/2025 6:00	45.8	72.47	1.42	20.11	33.1	1745.45	1693.06	22.25	101.33
370	9/1/2025 5:00	46.81	85.79	0.9	20.03	32.63	1755.47	1721.7	22.45	101.33
371	9/1/2025 4:00	46.7	88.24	1.52	19.99	32.62	1708.22	1657.96	22.87	101.33
372	9/1/2025 3:00	47.44	88.91	1.24	19.99	32.79	1743.36	7437.89	23.45	101.33
373	9/1/2025 2:00	47.2	87.77	1.21	19.97	32.69	1730.18	1661.55	23.69	101.33
374	9/1/2025 1:00	47.25	91.84	2.81	19.93	32.55	1752.04	1687.37	24.14	101.33
375	9/1/2025 0:00	47.54	89.73	1.6	19.89	32.48	1782.99	1713.8	24.14	101.33
376	8/1/2025 23:00	48.15	91.93	1.96	19.86	32.47	1739.51	1684.62	24.12	101.33
377	8/1/2025 22:00	48.7	93.17	2.68	19.82	32.42	1750.7	1689.71	24.13	101.33
378	8/1/2025 21:00	49.83	91.45	1.58	19.75	32.41	1747.7	1705.6	24.76	101.33
379	8/1/2025 20:00	49.62	92.23	1.62	19.73	32.35	1781.72	1698.78	25.02	101.33
380	8/1/2025 19:00	49.72	93.14	2.14	19.75	32.33	1749.19	2218.55	25.43	101.33
381	8/1/2025 18:00	50.89	93.35	1.64	19.79	32.36	1807.01	1730.77	26.17	101.33
382	8/1/2025 17:00	51.37	97.42	2.93	19.8	32.37	1818.47	1731.25	26.9	101.33
383	8/1/2025 16:00	52.16	95.46	2.69	19.82	32.25	1796.25	1709.02	27.9	101.33
384	8/1/2025 15:00	53.07	101.27	4.59	19.84	32.13	1828.97	1718.84	28.92	101.33
385	8/1/2025 14:00	53.41	102.48	2.83	19.89	31.81	1795.5	1688.49	29.69	101.33
386	8/1/2025 13:00	53.94	107.96	4.95	19.96	30.88	1825.63	1721.7	29.79	101.33
387	8/1/2025 12:00	54.87	89.12	1.92	20.02	30.48	1796.3	1696.05	29.32	101.33
388	8/1/2025 11:00	57.05	112.29	7.08	20.11	31.67	1796.99	1709.29	28.27	101.33
389	8/1/2025 10:00	57.41	117.81	10.5	20.12	32.16	1757.38	1667.27	27.9	101.33
390	8/1/2025 9:00	57.06	107.74	5.63	20.05	32.36	1810.36	1708.33	27.53	101.33
391	8/1/2025 8:00	58.78	108.16	5.08	20.03	32.47	1801.29	1708.33	27.28	101.33
392	8/1/2025 7:00	59.68	113.41	6.98	20.01	32.49	1810.84	1714.07	27.72	101.33

393	8/1/2025 6:00	59.83	113.7	6.45	19.99	32.45	1812.16	1714.33	27.92	101.33
394	8/1/2025 5:00	60.84	110.97	4.3	19.98	32.34	1777.91	1690.2	28.46	101.33
395	8/1/2025 4:00	61.75	112.52	5.75	19.97	32.22	1789.36	1713.59	28.92	101.33
396	8/1/2025 3:00	63.56	122.49	7.15	19.95	32.17	1792.83	1699.52	29.16	101.33
397	8/1/2025 2:00	64.71	120.89	5.92	19.93	32.66	1769.4	1687.8	29.15	101.33
398	8/1/2025 1:00	66.19	129.61	7.74	19.94	32.67	1797.47	1711.68	29.28	101.33
399	8/1/2025 0:00	67.35	123.92	4.84	19.92	32.4	1775.04	1694.01	30.1	101.33
400	7/1/2025 23:00	69.77	137.57	10.68	19.87	32.29	1773.61	1694.49	30.28	101.33
401	7/1/2025 22:00	72.55	132.47	7.55	19.85	32.05	1766.45	1673.48	28.53	101.33
402	7/1/2025 21:00	77.29	132.79	4.56	19.81	31.87	1806.06	1726	29.75	101.33
403	7/1/2025 20:00	80.62	129.57	2.62	19.75	31.82	1819.58	1714.86	31.47	101.33
404	7/1/2025 19:00	85.51	127.73	5.1	19.72	31.98	1876.57	1731.2	33.98	101.33
405	7/1/2025 18:00	93.45	138.24	3.93	19.61	31.92	43657.33	53662.65	40.67	101.33
406	7/1/2025 17:00	129.84	142.88	6.51	19.5	31.29	261733.78	324880.28	70.68	101.33
407	7/1/2025 16:00	269.25	163.8	17.73	19.49	29.83	296946.07	378244.48	90.71	101.33
408	7/1/2025 15:00	249.06	163.16	21.28	19.44	28.08	297290.22	382150.27	92.53	101.33
409	7/1/2025 14:00	246.28	157.74	20.45	18.86	27.04	313460.24	385998.35	89.66	101.33
410	7/1/2025 13:00	279.24	160.06	19.85	19.74	27.13	336645.92	389742.93	92.67	101.33
411	6/1/2025 10:00	190.34	106.7	16.94	20.53	24.06	327079.66	401757.79	91.97	101.33
412	6/1/2025 9:00	216.91	90.6	10.34	20.17	24.99	315058.39	395362.05	91.97	101.33
413	6/1/2025 8:00	200.79	86.44	5.03	19.48	26.67	299761.55	384666.95	87.2	101.33
414	6/1/2025 7:00	216.29	89.23	7.07	20	28.85	301182.95	378972.45	82.58	101.33
415	6/1/2025 6:00	186.02	78.91	6.65	19.57	31.51	305737.25	378829.75	81.03	101.33
416	6/1/2025 5:00	167.6	80.86	7.59	20.04	32.32	317376.06	377686.8	76.04	101.33
417	6/1/2025 4:00	244.71	87.38	10.53	20.09	32.2	292868.73	377593.18	82.69	101.33
418	6/1/2025 3:00	214.56	73.14	6.67	19.77	31.87	280950.52	373301.08	83.55	101.33
419	6/1/2025 2:00	228.72	55.36	2	19.79	31.72	286573.41	373218.8	81.94	101.33
420	6/1/2025 1:00	202.44	58.61	3.94	19.82	31.53	317264.6	386782.66	84.6	101.33
421	6/1/2025 0:00	207.72	59.96	2.89	19.73	32.3	315260.76	386998.76	83.31	101.33
422	5/1/2025 23:00	131.42	61.92	2.3	19.9	32.23	316540.76	398777.09	77.35	101.33
423	5/1/2025 22:00	190.92	64.46	2.66	19.84	32.12	324028.09	405284.67	82.62	101.33
424	5/1/2025 21:00	166.59	54.44	1.1	19.71	31.79	319803.03	399494.74	82.44	101.33
425	5/1/2025 20:00	150.2	52.92	2.38	19.85	30.48	329372.97	412599.93	78.83	101.33
426	5/1/2025 19:00	160.57	54.19	3.06	19.39	28.04	320445.98	390963.02	80.67	101.33
427	5/1/2025 18:00	186.5	42.7	0.82	19.37	28.38	332887.67	438907.73	79.03	101.33
428	5/1/2025 17:00	174.45	43.97	0.86	19.61	29.23	323007.57	406031.63	84.98	101.33
429	5/1/2025 16:00	181.71	49.11	2.14	19.58	27.13	342530.63	400653.48	83.03	101.33
430	5/1/2025 15:00	188.26	50.12	0.87	19.7	25.88	339885.06	425452.56	84.61	101.33
431	5/1/2025 14:00	182.78	44.22	3.95	19.97	23.31	311515.07	387993.74	84.8	101.33
432	5/1/2025 13:00	195.09	50.31	4.47	19.93	21.47	315097.05	403689.04	83.68	101.33
433	5/1/2025 12:00	235.77	39.05	1.38	19.4	19.89	324261.56	394874.83	86.64	101.33
434	5/1/2025 11:00	185.69	33.68	0.75	19.35	20.2	319913.54	397950.61	79.13	101.33
435	5/1/2025 10:00	208.74	36.36	0.76	19.56	23.41	312657.1	389326.53	82.94	101.33
436	5/1/2025 9:00	173.63	24.47	0.85	19.29	26.69	333627.44	399046.43	71.32	101.33
437	5/1/2025 8:00	133.7	14.42	0.77	19.58	31.92	330849.72	399493.81	66.35	101.33
438	5/1/2025 7:00	192.65	21.06	0.87	19.47	32.37	319404.03	398053.36	72	101.33
439	5/1/2025 6:00	159.61	19.68	0.83	19.62	32.5	322506.69	395030.34	71.97	101.33
440	5/1/2025 5:00	229.04	12.52	0.91	19.6	33.11	292811.8	376835.03	66.16	101.33
441	5/1/2025 4:00	73.01	7.58	0.9	19.36	33.58	134202.25	148303.67	28.88	101.33
442	5/1/2025 3:00	18.34	12.12	0.78	19.9	32.66	54128.38	108123.03	26.7	101.33

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443	5/1/2025 2:00	24.39	22.55	0.8	19.44	32.19	66822.68	165886.5	31.91	101.33
444	5/1/2025 1:00	36.27	20.52	0.83	19.47	32.33	232236.44	291315.45	54.98	101.33
445	5/1/2025 0:00	190.9	20.22	0.85	19.47	32.35	309358.23	378527.59	75.49	101.33
446	4/1/2025 23:00	146.37	13.54	0.72	18.89	32.2	314699.52	390345.55	66.22	101.33
447	4/1/2025 22:00	143.35	20.99	0.85	19.46	32.44	308809.36	379978.25	72.28	101.33
448	4/1/2025 21:00	238.67	10.24	0.91	20.08	32.25	308338.14	377456.13	67.12	101.33
449	4/1/2025 20:00	210.57	26.87	0.97	20.02	32.13	300808.55	353720.76	47.81	101.33
450	4/1/2025 19:00	10.89	8.8	0.79	20.35	31.99	131300.28	150009.11	22.71	101.33
451	4/1/2025 18:00	10.96	6.03	0.74	20.51	31.79	1818	1711.15	21.07	101.33
452	4/1/2025 17:00	11.47	5.87	0.82	20.52	31.58	1847.11	1708.81	22.65	101.33
453	4/1/2025 16:00	11.22	3.59	0.73	20.55	29.3	1849.81	1701.6	24.92	101.33
454	4/1/2025 15:00	11.07	4.85	0.79	20.56	26.69	1872.62	1695.23	26.59	101.33
455	4/1/2025 14:00	10.78	2.98	0.84	20.57	23.37	1868.11	1711.2	27.72	101.33
456	4/1/2025 13:00	10.71	6.46	0.59	20.56	22.05	1812.27	1633.38	27.87	101.33
457	4/1/2025 12:00	11.29	7.41	0.76	20.61	24.15	1875.27	1716.45	27.7	101.33
458	4/1/2025 11:00	11.1	5.14	0.74	20.64	24.99	1860.47	1699.74	26.77	101.33
459	4/1/2025 10:00	11.43	5.36	0.77	20.66	27.65	1805.59	1690.67	24.88	101.33
460	4/1/2025 9:00	11.4	11.94	0.58	20.66	30.75	1726.36	1630.51	21.65	101.33
461	4/1/2025 8:00	10.02	8.09	0.79	20.69	32	1764.19	1681.73	18.59	101.33
462	4/1/2025 7:00	9.6	6.38	0.83	20.68	33.22	1770.27	1693.53	17.74	101.33
463	4/1/2025 6:00	9.4	10.24	0.79	20.65	33.76	1771.7	1689.24	17.37	101.33
464	4/1/2025 5:00	9.21	5.62	0.9	20.61	33.74	1757.68	1688.67	17.86	101.33
465	4/1/2025 4:00	10.2	11.86	0.81	20.58	33.59	1760.72	1666.05	17.93	101.33
466	4/1/2025 3:00	10.44	4	0.9	20.57	32.98	1807.01	1714.06	18.51	101.33
467	4/1/2025 2:00	10.41	9.27	0.85	20.55	32.71	1788.06	1682.59	18.89	101.33
468	4/1/2025 1:00	10.45	7.74	0.85	20.53	32.27	1776.63	1684.62	19.12	101.33
469	4/1/2025 0:00	10.28	9.04	0.84	20.52	32.16	1783.16	1688.76	19.69	101.33
470	3/1/2025 23:00	10.31	8.58	0.83	20.49	32.12	1797.48	1698.79	19.95	101.33
471	3/1/2025 22:00	10.24	3.65	0.86	20.49	32.04	1823.2	1721.23	20.4	101.33
472	3/1/2025 21:00	9.84	14.48	0.86	20.37	32.18	1813.22	1697.83	20.95	101.33
473	3/1/2025 20:00	10.16	7.8	0.81	20.31	31.99	1812.16	1699.47	21.57	101.33
474	3/1/2025 19:00	10.65	10.39	0.93	20.34	31.96	1831.36	1721.23	22.28	101.33
475	3/1/2025 18:00	10.18	7.21	0.88	20.38	31.8	1852.36	1717.88	23.28	101.33
476	3/1/2025 17:00	10.27	11.22	0.84	20.39	31.24	1854.75	1715.02	25.34	101.33
477	3/1/2025 16:00	11.21	8.37	0.71	20.42	28.27	1820.86	8279.79	27.58	101.33
478	3/1/2025 15:00	12.43	9.64	0.8	20.47	25.55	1902.6	5734.74	27.8	101.33
479	3/1/2025 14:00	12.73	4.76	0.78	20.53	21.27	126632.48	129092.57	29.99	101.33
480	3/1/2025 13:00	10.71	3.98	0.83	20.56	18.31	62111.36	44510.64	30.24	101.33
481	3/1/2025 12:00	11.92	4.59	0.69	20.54	20.69	1870.06	1683.46	30.18	101.33
482	3/1/2025 11:00	13.43	9.87	0.66	20.55	20.24	1801.29	1638.15	29.06	101.33
483	3/1/2025 10:00	15.58	9.66	0.76	20.55	23.91	1826.59	6064.96	26.56	101.33
484	3/1/2025 9:00	17.95	9.16	0.64	20.53	29.13	1781.25	3868.74	22.55	101.33
485	3/1/2025 8:00	17.75	5.54	0.81	20.39	32.17	1784.11	1663.45	18.42	101.33
486	3/1/2025 7:00	13.14	8.6	0.8	20.14	33.74	1704.4	3826.25	17.85	101.33
487	3/1/2025 6:00	13.05	10.44	0.67	19.97	34.05	1745.45	1663.93	17.85	101.33
488	3/1/2025 5:00	12.79	10.68	0.72	19.65	33.75	1759.77	3883.54	17.85	101.33
489	3/1/2025 4:00	12.58	3.31	0.88	18.3	33.4	1782.68	1701.65	18.36	101.33
490	3/1/2025 3:00	13.05	11.88	0.73	19.7	33.18	1728.27	1649.13	18.46	101.33
491	3/1/2025 2:00	12.12	10.8	0.74	20.56	33.09	1788.3	1686.74	18.76	101.33
492	3/1/2025 1:00	12.26	12.45	0.74	20.56	32.83	1764.19	3263.78	19.11	101.33

493	3/1/2025 0:00	12.12	8.71	0.8	20.62	32.74	1761.78	4130.16	19.1	101.33
494	2/1/2025 23:00	11.16	13.1	0.78	20.71	32.56	1760.19	1660.22	19.73	101.33
495	2/1/2025 22:00	11.24	13.51	0.78	20.72	32.24	1777.42	1670.14	19.74	101.33
496	2/1/2025 21:00	11.1	12.47	0.65	20.72	32	1741.1	1642.72	20.35	101.33
497	2/1/2025 20:00	11.61	5.01	0.63	20.75	31.8	1746.4	1657.57	20.79	101.33
498	2/1/2025 19:00	13	6.95	0.71	20.76	31.8	1790.66	1673.05	21.62	101.33
499	2/1/2025 18:00	12.13	12.52	0.7	20.78	31.78	1808.98	1718.04	22.62	101.33
500	2/1/2025 17:00	12.26	5.01	0.77	20.79	31.29	1827.1	1691.28	24.43	101.33
501	2/1/2025 16:00	11.52	6.31	0.66	20.81	27.89	1849.28	1683.03	25.46	101.33
502	2/1/2025 15:00	11.49	8.92	0.74	20.83	25.38	1862.86	1694.01	26.84	101.33
503	2/1/2025 14:00	10.86	5.43	0.58	20.86	23.38	1830.88	6067.82	27.26	101.33
504	2/1/2025 13:00	10.53	4.15	0.71	20.84	20.2	1859.04	10498.44	28.97	101.33
505	2/1/2025 12:00	10.53	7.96	0.74	20.89	19.99	1868.59	1677.78	29.52	101.33
506	2/1/2025 11:00	11.01	7.82	0.75	20.94	22.74	1886.93	1702.66	28.47	101.33
507	2/1/2025 10:00	11.97	9.27	0.67	20.96	24.23	1806.54	1649.13	26.24	101.33
508	2/1/2025 9:00	11.93	9.16	0.75	20.99	28.35	1820.86	1700.21	22.32	101.33
509	2/1/2025 8:00	11.8	9.07	0.74	20.98	32.22	1762.15	1692.1	17.81	101.33
510	2/1/2025 7:00	12.21	9.74	0.78	20.94	33.89	1728.74	1655.34	16.84	101.33
511	2/1/2025 6:00	12.34	12.9	0.75	20.93	34.21	1734.2	1659.68	17.01	101.33
512	2/1/2025 5:00	12.31	11.42	0.78	20.95	34.03	1764.06	1697.35	17.24	101.33
513	2/1/2025 4:00	12.27	12.79	0.8	20.72	33.67	1748.79	1684.46	17.24	101.33
514	2/1/2025 3:00	12.07	12.37	0.86	20.62	33.36	1767.88	8302.23	17.74	101.33
515	2/1/2025 2:00	12.27	11.76	0.8	20.64	33.16	1760.19	4131.76	17.86	101.33
516	2/1/2025 1:00	11.98	14.41	0.75	20.64	33.04	1727.32	1675.39	17.86	101.33
517	2/1/2025 0:00	12.24	15.71	0.82	20.65	33.09	1768.84	1693.05	18.43	101.33
518	1/1/2025 23:00	11.8	6.98	0.75	20.66	32.88	1734.47	1649.61	18.78	101.33
519	1/1/2025 22:00	12.25	12.55	0.7	20.7	32.61	1783.63	8290.77	19.11	101.33
520	1/1/2025 21:00	12.26	12.63	0.7	20.72	32.38	1753.56	6058.75	19.72	101.33
521	1/1/2025 20:00	11.97	7.01	0.73	20.73	32.23	1758.33	1659.64	19.92	101.33
522	1/1/2025 19:00	12.22	9.06	0.84	20.7	32.08	1819.05	1698.41	20.72	101.33
523	1/1/2025 18:00	12.97	15.22	0.82	20.71	31.73	1794.13	5511.21	22.02	101.33
524	1/1/2025 17:00	12.86	16.25	0.71	20.71	31.71	1790.31	1670.62	24.12	101.33
525	1/1/2025 16:00	13.25	10.53	0.83	20.73	30.14	1851.4	1702.13	26.84	101.33
526	1/1/2025 15:00	13.26	12.35	0.85	20.75	26.05	1882.9	1711.67	29.03	101.33
527	1/1/2025 14:00	13.13	12.98	0.69	20.77	24.37	1847.5	1690.41	29.15	101.33
528	1/1/2025 13:00	13.25	7.92	0.77	20.83	23.87	1856.65	3895	29.15	101.33
529	1/1/2025 12:00	13.5	11.82	0.71	20.9	22.99	1861.43	6095.52	28.89	101.33
530	1/1/2025 11:00	13.91	16.6	0.73	20.95	24.02	1840.12	3676.55	27.44	101.33
531	1/1/2025 10:00	14.12	14.39	0.87	21.01	26.4	1849.28	1715.39	25.26	101.33
532	1/1/2025 9:00	13.16	8.01	0.73	20.98	29.97	1797.84	1676.13	22.09	101.33
533	1/1/2025 8:00	13.54	12.95	0.74	20.98	32.53	1724.71	1665.66	17.68	101.33
534	1/1/2025 7:00	13.64	15.18	0.67	20.88	34.3	1702.02	1658.21	16.65	101.33
535	1/1/2025 6:00	13.65	14.87	0.75	20.86	34.46	1734	3867.31	16.72	101.33
536	1/1/2025 5:00	13.23	13.02	0.8	20.84	34.38	1748.14	1685.2	17.23	101.33
537	1/1/2025 4:00	13.88	20.13	0.77	20.83	34.11	1739.24	1673	17.23	101.33
538	1/1/2025 3:00	13.66	19.55	0.81	20.82	34.09	1741.63	1679.21	17.36	101.33
539	1/1/2025 2:00	14.64	14.32	0.82	20.81	33.75	1767.88	1689.23	17.87	101.33
540	1/1/2025 1:00	14.69	15.82	0.83	20.77	33.61	1768.84	1681.6	17.92	101.33
541	1/1/2025 0:00	14.21	16.11	0.78	20.75	33.2	1747.71	1664.8	18.48	101.33

