

KẾT QUẢ QUAN TRẮC KHÍ THẢI TỰ ĐỘNG, LIÊN TỤC THÁNG 12/2022

Từ: 01/12/2022 00:00 Đến 31/12/2022 23:59

#	Ngày	CO (mg/Nm ³)	NOX (mg/Nm ³)	SO2 (mg/Nm ³)	O2 (%)	Bụi Tổng (mg/Nm ³)	Lưu lượng 1 (m ³ /h)	Nhiệt độ Temp (oC)	Áp suất (KPa)	Flow2 (m ³ /h)
1	31/12/2022 23:00	1.46	1.53	0.96	20.89	31.56	1718.16	14.52	101.33	1685.02
2	31/12/2022 22:00	1.27	2.96	1.61	20.92	30.36	1694.3	14.73	101.33	13166.21
3	31/12/2022 21:00	1.47	1.54	0.96	20.97	31.13	1741.23	15.04	101.33	7436.55
4	31/12/2022 20:00	1.5	1.52	0.92	20.97	30.79	1737.29	15.48	101.33	1706.47
5	31/12/2022 19:00	1.49	1.57	0.97	20.97	32.01	1752.04	16.05	101.33	1701.69
6	31/12/2022 18:00	1.42	1.5	0.93	20.95	31.87	1778.62	16.84	101.33	1718.44
7	31/12/2022 17:00	1.39	1.53	0.94	20.95	31.16	1790.55	17.99	101.33	1717.25
8	31/12/2022 16:00	1.28	7.06	3.3	20.92	28.83	1750.38	19.39	101.33	3619.04
9	31/12/2022 15:00	1.39	1.51	0.9	20.83	27.5	1773.85	20.11	101.33	1700.14
10	31/12/2022 14:00	1.46	1.48	0.92	20.84	26.93	1791.96	20.96	101.33	1709.07
11	31/12/2022 13:00	1.4	1.49	0.88	20.85	26.67	1786.18	20.59	101.33	1718.84
12	31/12/2022 12:00	1.35	1.46	0.87	20.89	26.49	1775.47	19.74	101.33	1699.09
13	31/12/2022 11:00	1.46	1.53	0.93	20.92	26.79	1788.56	18.65	101.33	1714.46
14	31/12/2022 10:00	1.37	1.87	0.9	20.95	26.93	1743.62	17.46	101.33	1713.67
15	31/12/2022 9:00	1.39	1.45	0.88	21.04	27.55	1744.81	16.05	101.33	1708.5
16	31/12/2022 8:00	1.41	1.53	0.91	21.03	29.99	1694.7	15.2	101.33	1669.5
17	31/12/2022 7:00	1.2	1.33	0.82	21	31.05	1699.07	14.71	101.33	1673.09
18	31/12/2022 6:00	1.41	1.55	0.92	20.99	31.95	1722.14	14.73	101.33	1705.71
19	31/12/2022 5:00	1.39	1.51	0.89	20.97	31.13	1746.4	15.37	101.33	1704.73
20	31/12/2022 4:00	1.9	17.42	8.7	20.93	31.58	1769.47	15.38	101.33	1729.98
21	31/12/2022 3:00	1.32	1.44	0.87	20.89	31.42	1734.25	15.35	101.33	1683.03
22	31/12/2022 2:00	1.43	1.54	0.91	20.89	31.42	1746.4	15.37	101.33	1708.89
23	31/12/2022 1:00	1.35	7.87	3.12	20.88	31.7	1728.18	15.36	101.33	1682.16
24	31/12/2022 0:00	1.55	7.82	3.36	20.9	31.62	1772.65	15.02	101.33	1726.8
25	30/12/2022 23:00	1.47	1.58	1	20.91	31.25	1749.19	14.75	101.33	1715.26
26	30/12/2022 22:00	1.49	3.38	1.79	20.92	30.99	1768.28	14.75	101.33	1727.59
27	30/12/2022 21:00	1.37	1.47	0.92	20.98	31.53	1723.73	14.73	101.33	1696.16
28	30/12/2022 20:00	1.13	1.28	0.77	20.97	31.5	1680.78	14.93	101.33	1669.9
29	30/12/2022 19:00	1.4	1.49	0.92	20.97	31.95	1726.91	15.37	101.33	1709.69
30	30/12/2022 18:00	1.45	1.54	0.91	20.96	31.91	1760.72	15.68	101.33	3628.59
31	30/12/2022 17:00	1.41	1.51	0.96	20.94	31.6	1741.23	16.2	101.33	1699.34
32	30/12/2022 16:00	1.49	15.12	7.29	20.92	31.7	1775.84	16.89	101.33	9381.32
33	30/12/2022 15:00	1.43	1.52	0.95	20.82	31.43	1758.33	17.87	101.33	7441.73
34	30/12/2022 14:00	1.46	1.56	0.95	20.82	30.42	1784.15	19.07	101.33	1719.05
35	30/12/2022 13:00	1.43	1.54	0.94	20.84	30.15	1778.62	19.03	101.33	3625.8
36	30/12/2022 12:00	1.42	1.54	0.94	20.87	28.39	1760.72	18.25	101.33	5549.48
37	30/12/2022 11:00	1.37	1.48	0.91	20.89	27.84	1745.53	17.42	101.33	1693.01
38	30/12/2022 10:00	1.53	2.47	1.42	20.93	28.15	1783.79	16.53	101.33	1729.18
39	30/12/2022 9:00	1.2	1.3	0.8	20.99	29.38	1696.94	15.52	101.33	3763.79
40	30/12/2022 8:00	1.45	1.58	1	20.98	29.37	1750.78	15.36	101.33	1709.69
41	30/12/2022 7:00	1.47	1.56	1	20.96	29.18	1744.02	14.9	101.33	1722.02
42	30/12/2022 6:00	1.4	1.5	0.91	20.95	31.34	1709.81	15.04	101.33	1678.26
43	30/12/2022 5:00	1.43	1.59	1	20.93	31.87	1751.18	15.36	101.33	1717.24
44	30/12/2022 4:00	1.53	4.43	2.38	20.94	31.87	1760.72	15.37	101.33	1723.83
45	30/12/2022 3:00	1.36	1.46	0.89	20.96	31.38	1718.56	15.35	101.33	1679.05
46	30/12/2022 2:00	1.49	1.58	0.95	20.96	31.46	1749.98	15.37	101.33	1707.7
47	30/12/2022 1:00	1.49	1.58	0.97	20.97	29.88	1738.05	15.37	101.33	1701.33

48	30/12/2022 0:00	1.29	1.4	0.93	20.98	31.75	1695.49	15.44	101.33	1655.18
49	29/12/2022 23:00	1.51	1.64	0.93	20.97	31.64	1759.92	15.99	101.33	1704.12
50	29/12/2022 22:00	1.51	7.93	3.74	20.97	31.34	1749.98	16	101.33	1715.26
51	29/12/2022 21:00	1.42	1.55	0.93	20.99	31.15	1752.04	15.99	101.33	1696.48
52	29/12/2022 20:00	1.5	1.56	1	20.98	31.83	1747.6	15.99	101.33	1698.54
53	29/12/2022 19:00	1.48	1.57	0.97	20.96	31.34	1749.19	16.51	101.33	1711.28
54	29/12/2022 18:00	1.45	1.57	1	20.94	30.56	1747.7	16.68	101.33	5887.52
55	29/12/2022 17:00	1.47	1.57	0.97	20.93	31.59	1748.39	17.25	101.33	1710.49
56	29/12/2022 16:00	1.59	4.99	2.26	20.92	31.72	1783.79	17.26	101.33	1729.58
57	29/12/2022 15:00	1.42	1.52	0.92	20.86	31.51	1772.87	17.69	101.33	1711.24
58	29/12/2022 14:00	1.51	1.56	0.94	20.87	31.31	1774.64	18.35	101.33	1710.09
59	29/12/2022 13:00	1.46	1.57	0.96	20.87	30.45	1775.44	19.8	101.33	3608.69
60	29/12/2022 12:00	1.56	1.64	1.01	20.88	26.54	1812.43	20.81	101.33	7471.17
61	29/12/2022 11:00	1.44	1.55	0.97	20.9	29.16	1770.27	19.7	101.33	3818.77
62	29/12/2022 10:00	1.33	6.48	2.93	20.94	28.41	1734.07	17.98	101.33	1699.74
63	29/12/2022 9:00	1.5	1.6	1	21.04	30.81	1760.72	16.15	101.33	1708.49
64	29/12/2022 8:00	1.47	1.57	0.96	21.02	30.94	1731.29	15.35	101.33	1698.94
65	29/12/2022 7:00	1.46	1.64	1.03	21	31.82	1738.84	15.36	101.33	1690.59
66	29/12/2022 6:00	1.49	1.59	0.98	20.97	31.76	1721.35	15.36	101.33	3613.47
67	29/12/2022 5:00	1.52	1.59	0.98	20.96	31.54	1729.3	15.36	101.33	3613.47
68	29/12/2022 4:00	1.78	13	5.87	20.94	31.72	1729.96	15.37	101.33	10456.21
69	29/12/2022 3:00	1.6	1.65	1.04	20.93	31.74	1765.06	15.99	101.33	7989.55
70	29/12/2022 2:00	1.6	1.7	1.05	20.92	31.5	1764.19	16	101.33	1709.94
71	29/12/2022 1:00	1.49	1.57	0.99	20.92	31.75	1758.73	15.99	101.33	1709.29
72	29/12/2022 0:00	1.42	1.65	1.01	20.9	31.65	1733.68	16.39	101.33	1687.01
73	28/12/2022 23:00	1.55	3.38	2.09	20.91	31.42	1748.39	16.62	101.33	1700.14
74	28/12/2022 22:00	1.54	7.48	3.82	20.95	31.69	1733.28	16.61	101.33	1695.76
75	28/12/2022 21:00	1.42	1.51	0.91	21.03	31.54	1748.79	17.08	101.33	1697.75
76	28/12/2022 20:00	1.57	1.67	1.05	21.01	31.37	1769.07	17.24	101.33	1710.88
77	28/12/2022 19:00	1.53	1.68	1.04	20.99	31.43	1755.15	17.25	101.33	1703.72
78	28/12/2022 18:00	1.42	1.48	0.92	20.99	31.32	1752.77	17.76	101.33	1700.54
79	28/12/2022 17:00	1.5	1.59	1	20.98	31.07	1767.48	18.34	101.33	1703.72
80	28/12/2022 16:00	1.52	9.63	4.58	20.95	30.54	1799.3	19.07	101.33	1707.69
81	28/12/2022 15:00	1.39	1.45	0.92	20.88	30.06	1766.36	19.63	101.33	1670.44
82	28/12/2022 14:00	1.41	1.53	0.94	20.86	29	1753.56	19.81	101.33	1684.62
83	28/12/2022 13:00	1.55	1.62	0.99	20.85	27.63	1816.01	20.59	101.33	1712.47
84	28/12/2022 12:00	1.42	1.52	0.95	20.87	26.62	1796.73	21.07	101.33	1705.6
85	28/12/2022 11:00	1.5	1.67	0.99	20.91	26.31	1823.16	21.37	101.33	1730.78
86	28/12/2022 10:00	1.66	6.52	3.24	20.93	26.84	1823.64	20.33	101.33	3819.35
87	28/12/2022 9:00	1.5	1.57	1.02	21.05	27.68	1800.2	19.41	101.33	1703.86
88	28/12/2022 8:00	1.59	1.66	1.03	21.03	28.4	1805.27	18.98	101.33	1727.59
89	28/12/2022 7:00	1.5	1.61	1.01	21.01	29.9	1784.99	18.5	101.33	1716.45
90	28/12/2022 6:00	1.57	1.66	0.99	21	30.23	1789.79	18.51	101.33	1721.66
91	28/12/2022 5:00	1.46	1.54	1.01	20.98	30.11	2428.91	18.7	101.33	1702.13
92	28/12/2022 4:00	1.65	14.34	6.15	20.95	29.48	2326.52	19.12	101.33	3772.47
93	28/12/2022 3:00	1.54	1.6	0.98	20.92	28.93	1789.35	19.14	101.33	5897.94
94	28/12/2022 2:00	1.51	1.61	1	20.92	28.83	2915.73	19.12	101.33	7983.04
95	28/12/2022 1:00	1.57	1.66	1.03	20.93	28.29	2436.87	19.71	101.33	3645.7
96	28/12/2022 0:00	1.51	1.58	1	20.94	28.25	1791.75	19.76	101.33	1710.88
97	27/12/2022 23:00	1.34	1.44	0.9	20.94	28.13	1777.43	19.75	101.33	1696.56
98	27/12/2022 22:00	1.64	5.15	2.68	20.93	28.05	3067.28	19.77	101.33	1716.45
99	27/12/2022 21:00	1.45	1.48	0.91	20.95	27.74	2665.16	20.08	101.33	1685.89
100	27/12/2022 20:00	1.5	1.61	0.97	20.93	27.11	2591.98	20.39	101.33	1706.5
101	27/12/2022 19:00	1.43	1.49	0.95	20.94	26.83	1780.61	20.55	101.33	1701.73
102	27/12/2022 18:00	1.54	1.61	1.02	20.92	26.87	1812.43	21.28	101.33	1718.44
103	27/12/2022 17:00	1.29	4.6	2.1	20.9	26.47	2704	22.38	101.33	1683.03

104	27/12/2022 16:00	1.39	23.3	10.61	20.91	25.93	1827.94	23.9	101.33	1724.01
105	27/12/2022 15:00	1.46	1.53	0.92	20.84	24.94	2228.46	25.77	101.33	14000.53
106	27/12/2022 14:00	1.52	1.61	0.97	20.84	18.99	1873.68	27.75	101.33	14018.83
107	27/12/2022 13:00	1.41	1.47	0.92	20.85	14.97	4874.32	27.33	101.33	3792
108	27/12/2022 12:00	1.55	1.62	1	20.87	16.43	3954.62	26.3	101.33	3661.61
109	27/12/2022 11:00	1.41	1.47	0.91	20.89	19.21	3623.42	25.39	101.33	1704.3
110	27/12/2022 10:00	1.57	8.46	4.15	20.92	21.9	4528.55	24.42	101.33	1744.3
111	27/12/2022 9:00	1.35	1.44	0.9	20.97	25.73	2629.37	21.68	101.33	1703.43
112	27/12/2022 8:00	1.39	1.46	0.86	20.97	27.54	1786.18	19.21	101.33	1713.66
113	27/12/2022 7:00	1.44	6.04	2.38	20.93	28.93	1781.8	18.49	101.33	1712.87
114	27/12/2022 6:00	1.36	1.46	0.94	20.94	29.05	1894.76	18.48	101.33	1692.18
115	27/12/2022 5:00	1.44	1.51	0.93	20.94	28.83	2724.43	18.49	101.33	1710.48
116	27/12/2022 4:00	1.46	8.08	3.8	20.92	28.52	3398.99	18.49	101.33	1720.43
117	27/12/2022 3:00	1.5	1.55	0.93	20.91	27.65	1775.83	18.49	101.33	3624.21
118	27/12/2022 2:00	1.42	1.53	0.95	20.92	27.29	1761.52	18.5	101.33	1709.29
119	27/12/2022 1:00	1.52	1.64	0.98	20.93	26.85	1779.02	18.49	101.33	1716.05
120	27/12/2022 0:00	1.53	1.59	0.99	20.93	26.79	1788.93	18.5	101.33	1724.7
121	26/12/2022 23:00	1.44	1.5	0.94	20.94	26.63	1756.74	18.5	101.33	3611.08
122	26/12/2022 22:00	1.53	17.45	8.54	20.93	26.41	1786.57	18.51	101.33	3649.68
123	26/12/2022 21:00	1.44	1.58	0.95	20.89	26.35	1777.82	18.6	101.33	3635.35
124	26/12/2022 20:00	1.34	1.37	0.84	20.88	26.2	1761.12	19.11	101.33	1697.75
125	26/12/2022 19:00	1.27	1.48	0.93	20.88	26.08	1760.32	19.59	101.33	1690.19
126	26/12/2022 18:00	1.43	1.53	0.93	20.88	25.79	1795.72	20.44	101.33	1727.99
127	26/12/2022 17:00	1.54	1.62	1.02	20.9	25.55	1825.55	21.28	101.33	1746.29
128	26/12/2022 16:00	1.74	48.57	21.47	20.85	25.18	1850.61	21.91	101.33	1758.62
129	26/12/2022 15:00	2	158.91	68.65	20.61	25.03	1792.54	22.4	101.33	3629.79
130	26/12/2022 14:00	1.44	149.93	64.11	20.59	24.81	1802.37	22.94	101.33	5882.74
131	26/12/2022 13:00	1.3	112.81	47.36	20.61	24.16	1796.3	24.18	101.33	3790.27
132	26/12/2022 12:00	1.39	50.19	19.79	20.7	22.72	1833.9	25.38	101.33	5537.55
133	26/12/2022 11:00	1.21	33.37	13.58	20.74	21.13	2398.68	25.28	101.33	11302.61
134	26/12/2022 10:00	2.29	1.24	0.75	20.81	19.29	1828.4	24.29	101.33	5916.17
135	26/12/2022 9:00	0.84	1.06	0.62	0	23.42	1863.34	22.25	101.33	1810.35
136	24/12/2022 9:00	1.07	1.2	0.72	21.01	25.14	1684.35	20.22	101.33	1662.74
137	24/12/2022 8:00	0.97	1.06	0.64	20.99	25.88	1614.07	18.58	101.33	1613.58
138	24/12/2022 7:00	1.28	1.37	0.84	20.98	27.7	1688.69	17.41	101.33	1673.04
139	24/12/2022 6:00	1.37	4.44	2.09	20.98	28.67	1704.24	17.3	101.33	1683.02
140	24/12/2022 5:00	1.2	1.81	0.8	20.97	28.1	1682.37	17.85	101.33	1626.13
141	24/12/2022 4:00	1.31	1.42	0.89	20.97	29.72	1703.84	18.14	101.33	1677.46
142	24/12/2022 3:00	1.24	1.38	0.86	20.96	28.11	1692.16	18.5	101.33	1670.01
143	24/12/2022 2:00	1.15	1.32	0.76	20.95	27.71	1684.35	18.49	101.33	1663.13
144	24/12/2022 1:00	1.28	4.57	1.87	20.94	28.33	1694.86	18.87	101.33	1670.13
145	24/12/2022 0:00	1.28	12.46	5.93	20.96	29.44	1695.49	19.13	101.33	1676.26
146	23/12/2022 23:00	1.23	1.29	0.82	20.97	28.97	1691.51	19.11	101.33	1664.73
147	23/12/2022 22:00	1.17	1.26	0.71	20.97	29.43	1662.08	19.1	101.33	1634.09
148	23/12/2022 21:00	1.28	1.37	0.83	20.95	28.76	1684.36	19.12	101.33	1661.94
149	23/12/2022 20:00	1.27	1.36	0.83	20.91	28.72	1679.58	19.18	101.33	3572.49
150	23/12/2022 19:00	1.34	4.14	1.96	20.9	28.22	1724.92	19.93	101.33	1690.99
151	23/12/2022 18:00	1.35	5.47	2.39	20.97	27.49	1743.22	21.18	101.33	1691.78
152	23/12/2022 17:00	1.3	5.64	2.45	20.99	26.85	1758.33	23.74	101.33	1684.62
153	23/12/2022 16:00	1.3	11.41	4.62	20.98	26.35	1774.64	26.82	101.33	1690.99
154	23/12/2022 15:00	1.19	1.28	0.81	20.99	24.44	1778.62	28.37	101.33	1665.92
155	23/12/2022 14:00	1.23	1.35	0.84	20.98	17.29	1781.8	28.18	101.33	1683.82
156	23/12/2022 13:00	1.38	1.41	0.88	20.96	14.55	1806.71	27.47	101.33	7966.11
157	23/12/2022 12:00	1.38	10.9	4.7	20.88	17.3	2100.38	26.68	101.33	1704.11
158	23/12/2022 11:00	1.22	1.28	0.81	20.9	17.69	2668.75	25.81	101.33	1655.58
159	23/12/2022 10:00	1.16	1.23	0.7	20.95	16.38	1743.22	24.29	101.33	1667.91

160	23/12/2022 9:00	1.22	1.24	0.81	20.96	21.58	1730.49	21.99	101.33	1663.14
161	23/12/2022 8:00	1.08	1.19	0.68	20.96	26.06	1670.84	18.9	101.33	1649.21
162	23/12/2022 7:00	1.22	4.34	2.47	20.94	27.63	1647.13	17.85	101.33	1631.47
163	23/12/2022 6:00	1.35	12.87	6.12	20.94	29.46	1710.61	17.88	101.33	1685.02
164	23/12/2022 5:00	1.12	1.22	0.72	20.93	29.65	1659.69	17.85	101.33	1647.22
165	23/12/2022 4:00	1.09	1.2	0.73	20.91	28.66	1662.88	17.85	101.33	5474.68
166	23/12/2022 3:00	1.24	1.98	0.81	20.9	27.58	1698.67	17.92	101.33	1673.48
167	23/12/2022 2:00	1.33	1.4	0.86	20.91	27.47	1704.75	18.5	101.33	1681.29
168	23/12/2022 1:00	1.28	1.62	0.82	20.92	27.22	1702.65	18.5	101.33	1672.68
169	23/12/2022 0:00	1.52	8.74	4.04	20.98	27.13	1704.24	18.5	101.33	1677.86
170	22/12/2022 23:00	1.24	1.35	0.81	21	27.2	1697.48	18.81	101.33	1661.54
171	22/12/2022 22:00	1.23	1.3	0.76	20.99	26.8	1695.89	19.12	101.33	1665.92
172	22/12/2022 21:00	1.35	2.06	0.86	20.97	26.99	1708.22	19.13	101.33	1669.57
173	22/12/2022 20:00	1.22	1.32	0.81	20.97	27.05	1717.29	19.63	101.33	1660.11
174	22/12/2022 19:00	1.31	1.33	0.83	20.95	27.32	1706.23	20.33	101.33	1664.33
175	22/12/2022 18:00	1.64	10.95	5.28	20.96	28.01	1742.5	21.43	101.33	1687.8
176	22/12/2022 17:00	1.01	1.19	0.73	20.96	26.72	1726.12	24.14	101.33	1665.52
177	22/12/2022 16:00	1.1	1.15	0.69	20.95	24.15	1749.98	27.68	101.33	1653.98
178	22/12/2022 15:00	1.17	1.28	0.82	20.94	18.26	1785.89	29.09	101.33	1669.58
179	22/12/2022 14:00	1.19	1.29	0.79	20.94	11.29	1774.24	29	101.33	1670.69
180	22/12/2022 13:00	1.14	1.27	0.72	20.95	9.39	1758.55	28.08	101.33	1668.71
181	22/12/2022 12:00	1.4	2.58	1.26	20.94	7.5	1810.18	27.63	101.33	7970.45
182	22/12/2022 11:00	1.11	1.26	0.68	20.96	12.23	2325.11	26.8	101.33	3584.03
183	22/12/2022 10:00	1.24	1.19	0.7	20.98	12.04	1748.14	25.07	101.33	1663.93
184	22/12/2022 9:00	1.49	2.13	0.71	20.99	21.53	1658.76	21.25	101.33	1608.81
185	22/12/2022 8:00	1.04	1.11	0.67	21	25.96	1623.11	16.58	101.33	1622.15
186	22/12/2022 7:00	1.53	4.28	2.35	20.97	28.26	1674.38	15.47	101.33	3764.23
187	22/12/2022 6:00	1.66	11.48	5.39	20.97	29.73	1679.58	15.64	101.33	1683.9
188	22/12/2022 5:00	1.3	1.37	0.84	20.97	29.3	1660.1	15.98	101.33	1665.92
189	22/12/2022 4:00	1.32	1.47	0.92	20.97	29.26	1677.2	16.04	101.33	1681.44
190	22/12/2022 3:00	1.37	1.5	0.94	20.97	30.74	1691.12	16.62	101.33	1692.97
191	22/12/2022 2:00	1.31	1.44	0.88	20.95	30.17	1676.4	16.61	101.33	3580.44
192	22/12/2022 1:00	1.25	1.39	0.83	20.95	29.81	1658.9	16.98	101.33	1664.73
193	22/12/2022 0:00	1.32	7.33	3.34	20.95	28.2	1672.83	17.23	101.33	1653.59
194	21/12/2022 23:00	1.24	1.31	0.81	20.95	28.3	1676.4	17.44	101.33	3580.85
195	21/12/2022 22:00	1.29	1.36	0.86	20.95	28.8	1674.02	17.85	101.33	1655.18
196	21/12/2022 21:00	1.28	1.36	0.81	20.95	29.17	1679.98	18.38	101.33	1659.95
197	21/12/2022 20:00	1.31	1.4	0.85	20.94	28.92	1695.89	19.01	101.33	1668.7
198	21/12/2022 19:00	1.25	3.6	1.92	20.92	28.22	1660.89	19.59	101.33	1648.41
199	21/12/2022 18:00	1.35	7.11	3.26	20.86	28.61	1729.3	20.81	101.33	1688.2
200	21/12/2022 17:00	1.26	1.31	0.78	20.82	27.39	1699.87	23.15	101.33	1650.8
201	21/12/2022 16:00	1.34	8.58	4.03	20.83	25	1778.22	26.56	101.33	1696.16
202	21/12/2022 15:00	1.25	4.13	1.63	20.87	22.48	1761.11	28.16	101.33	1684.22
203	21/12/2022 14:00	1.28	1.36	0.79	20.89	12.83	1765.1	28.32	101.33	3594.37
204	21/12/2022 13:00	1.17	1.26	0.77	20.93	17.01	1730.49	26.95	101.33	1648.02
205	21/12/2022 12:00	1.39	7.66	4.03	20.97	15.58	1775.44	26.85	101.33	1671.89
206	21/12/2022 11:00	1.12	1.2	0.78	20.98	15.01	1745.61	26.49	101.33	1652.79
207	21/12/2022 10:00	1.21	2	1.3	20.99	16.55	1769.83	25	101.33	1681.29
208	21/12/2022 9:00	1.22	1.3	0.8	21	24.48	1724.93	21.99	101.33	1663.54
209	21/12/2022 8:00	1.19	1.31	0.8	20.98	26.3	1688.73	18.54	101.33	1667.12
210	21/12/2022 7:00	1.33	1.4	0.83	20.97	27.56	1689.13	17.87	101.33	1674.28
211	21/12/2022 6:00	1.4	3.48	1.1	20.96	27.63	1730.09	17.99	101.33	1705.71
212	21/12/2022 5:00	1.33	4.05	1.22	20.94	28.34	1709.09	18.49	101.33	3776.38
213	21/12/2022 4:00	1.12	1.18	0.72	20.94	28.39	1655.32	18.49	101.33	3581.64
214	21/12/2022 3:00	1.25	5	1.62	20.93	29.49	1693.5	18.49	101.33	1670.69
215	21/12/2022 2:00	1.17	1.21	0.77	20.95	28.87	1689.53	18.59	101.33	1660.35

216	21/12/2022 1:00	1.17	8.53	2.79	20.93	29.15	1684.35	19.11	101.33	1670.44
217	21/12/2022 0:00	1.2	4.53	2.37	20.99	28.29	1719.07	19.12	101.33	1675.21
218	20/12/2022 23:00	1.26	1.33	0.85	21.01	27.07	1693.1	19.12	101.33	1689
219	20/12/2022 22:00	1.19	1.3	0.84	21.02	27.95	1693.11	19.12	101.33	1670.29
220	20/12/2022 21:00	1.25	1.31	0.83	20.99	27.97	1708.22	19.12	101.33	5507.31
221	20/12/2022 20:00	1.22	1.32	0.77	20.97	28.55	1695.09	19.12	101.33	1661.94
222	20/12/2022 19:00	1.46	3.13	1.18	20.94	28.54	1693.9	19.23	101.33	1667.51
223	20/12/2022 18:00	1.54	28.72	10.34	20.89	27.56	3147.62	20.24	101.33	1699.34
224	20/12/2022 17:00	1.26	7.45	0.91	20.88	26.79	1837.95	22.83	101.33	1689.54
225	20/12/2022 16:00	1.13	9.22	1.75	20.88	24.98	1758.98	26.14	101.33	1675.65
226	20/12/2022 15:00	0.99	11.17	1.54	20.89	21.26	1732.48	27.73	101.33	1638.47
227	20/12/2022 14:00	1.19	9.83	1.23	20.9	11.54	1775.84	28.22	101.33	1680.24
228	20/12/2022 13:00	1.13	7.12	1	20.92	8.85	1765.1	27.76	101.33	3593.18
229	20/12/2022 12:00	1.09	3.32	0.81	20.91	8.86	1760.72	27.18	101.33	1687.4
230	20/12/2022 11:00	1.19	1.23	0.79	20.94	12.31	1765.06	26.25	101.33	1671.31
231	20/12/2022 10:00	1.15	1.43	0.71	20.96	14.08	1731.68	24.4	101.33	11235.76
232	20/12/2022 9:00	1.12	2.13	0.76	20.98	22.09	1687.94	19.69	101.33	1667.51
233	20/12/2022 8:00	1.1	3.06	0.76	20.97	26.68	1623.9	14.55	101.33	12011.6
234	20/12/2022 7:00	1.13	4.71	1.12	20.94	31.87	1604.09	13.46	101.33	1643.53
235	20/12/2022 6:00	1.31	3.56	1.07	20.94	32.14	1641	13.47	101.33	1666.32
236	20/12/2022 5:00	1.3	3.69	0.83	20.92	32.03	1612.76	13.46	101.33	3558.96
237	20/12/2022 4:00	1.28	3.59	0.81	20.9	31.98	1630.55	13.92	101.33	1651.78
238	20/12/2022 3:00	1.28	3.45	0.78	20.9	31.91	1622.71	14.35	101.33	1647.22
239	20/12/2022 2:00	1.3	3.36	0.8	20.91	31.91	1652.54	14.73	101.33	1665.13
240	20/12/2022 1:00	1.23	3.14	0.84	20.91	31.88	1650.95	14.73	101.33	1662.63
241	20/12/2022 0:00	1.36	2.07	0.86	20.97	31.89	1654.13	14.99	101.33	1669.1
242	19/12/2022 23:00	1.2	1.32	0.75	20.97	31.87	1628.67	15.35	101.33	1645.23
243	19/12/2022 22:00	1.14	1.21	0.76	20.97	31.81	1628.67	15.71	101.33	1645.23
244	19/12/2022 21:00	1.2	1.27	0.81	20.98	31.52	1640.53	16.14	101.33	1643.1
245	19/12/2022 20:00	1.25	1.32	0.84	20.97	31.74	1670.04	16.69	101.33	1663.14
246	19/12/2022 19:00	1.13	1.28	0.79	20.96	31.58	1674.02	17.29	101.33	1659.55
247	19/12/2022 18:00	1.28	1.95	1.24	20.88	31.4	1684.84	18.43	101.33	1676.82
248	19/12/2022 17:00	1.2	5.8	2.34	20.85	30.11	1703.45	20.9	101.33	1655.98
249	19/12/2022 16:00	1.2	1.37	0.86	20.87	26.8	1727.75	24.15	101.33	3778.11
250	19/12/2022 15:00	1.21	1.35	0.84	20.88	22.11	1737.65	25.4	101.33	1670.29
251	19/12/2022 14:00	1.21	1.3	0.75	20.88	19.65	1717.77	25.26	101.33	1639.62
252	19/12/2022 13:00	1.18	6.18	3.33	20.89	19.27	1722.94	24.45	101.33	1674.27
253	19/12/2022 12:00	1.24	3.35	1.67	20.93	17.07	1738.6	24.31	101.33	1662.63
254	19/12/2022 11:00	1.17	1.25	0.76	20.97	19.12	1705.44	24.03	101.33	1811.14
255	19/12/2022 10:00	1.07	1.16	0.69	20.99	21.01	1672.43	22.66	101.33	1618.98
256	19/12/2022 9:00	1.11	1.25	0.74	21.01	25.96	1644	18.93	101.33	9995.66
257	19/12/2022 8:00	1.15	1.86	1.03	20.98	28.45	1631.85	14.35	101.33	1652.39
258	19/12/2022 7:00	1.16	5.27	3.22	20.96	31.23	1610.38	13.47	101.33	5466.33
259	19/12/2022 6:00	1.29	4.72	2.45	20.98	31.99	1623.61	13.47	101.33	3746.86
260	19/12/2022 5:00	1.26	1.32	0.77	20.97	31.92	1609.18	14.09	101.33	1637.28
261	19/12/2022 4:00	1.19	1.32	0.85	20.97	31.81	1612.76	14.09	101.33	3734.71
262	19/12/2022 3:00	1.37	1.43	0.9	20.95	31.86	1632.81	14.54	101.33	1661.07
263	19/12/2022 2:00	1.29	1.66	0.86	20.94	31.6	1637.42	14.73	101.33	5207.31
264	19/12/2022 1:00	1.24	2.83	0.8	20.94	31.55	1624.7	15.14	101.33	3562.54
265	19/12/2022 0:00	1.4	1.62	0.89	20.92	31.85	1669.24	15.37	101.33	3584.03
266	18/12/2022 23:00	1.12	1.16	0.73	20.9	31.76	1612.76	15.81	101.33	1623.35
267	18/12/2022 22:00	1.19	1.33	0.79	20.9	31.67	1609.18	16.39	101.33	1619.37
268	18/12/2022 21:00	1.21	1.28	0.8	20.9	31.34	1649.36	16.71	101.33	1636.48
269	18/12/2022 20:00	1.22	1.33	0.81	20.9	30.57	1663.68	17.25	101.33	1657.17
270	18/12/2022 19:00	1.33	1.4	0.85	20.89	30.01	1686.74	18.03	101.33	1669.5
271	18/12/2022 18:00	1.42	1.67	1.17	20.89	29.22	1709.81	19.35	101.33	1668.71

272	18/12/2022 17:00	1.26	1.36	0.84	20.88	27.29	1714.98	21.9	101.33	1665.52
273	18/12/2022 16:00	1.27	1.36	0.78	20.88	25.21	1730.1	25.19	101.33	1662.74
274	18/12/2022 15:00	1.32	1.37	0.87	20.88	23.13	1749.58	26.55	101.33	1674.67
275	18/12/2022 14:00	1.36	1.45	0.87	20.9	15.12	1758.55	26.09	101.33	1685.2
276	18/12/2022 13:00	1.06	1.13	0.68	20.92	17.52	1662.66	24.96	101.33	1593.19
277	18/12/2022 12:00	1.29	7.56	3.6	20.89	17.73	1725.57	23.87	101.33	1670.01
278	18/12/2022 11:00	1.3	1.33	0.81	20.91	22.13	1713.39	22.04	101.33	1656.77
279	18/12/2022 10:00	1.31	1.41	0.89	20.95	24.39	1709.01	21.27	101.33	3831.9
280	18/12/2022 9:00	1.28	1.38	0.84	20.96	28	1682.62	19.85	101.33	1643.1
281	18/12/2022 8:00	1.31	1.26	0.77	20.96	30.56	1629.07	17.17	101.33	1630.51
282	18/12/2022 7:00	1.16	1.67	0.78	20.94	31.49	1638.62	16.61	101.33	3583.63
283	18/12/2022 6:00	1.4	5.29	2.1	20.97	31.95	1685.15	16.63	101.33	1681.04
284	18/12/2022 5:00	1.23	1.3	0.81	20.98	32.02	1647.13	16.59	101.33	1627.64
285	18/12/2022 4:00	1.31	1.35	0.92	20.95	32.09	1658.1	16.6	101.33	1657.57
286	18/12/2022 3:00	1.27	1.38	0.82	20.95	31.99	1658.11	16.82	101.33	1659.55
287	18/12/2022 2:00	1.37	1.43	0.85	20.95	32.06	1668.85	17.24	101.33	1664.73
288	18/12/2022 1:00	1.29	1.99	1.1	20.94	31.84	1649.76	17.23	101.33	1654.38
289	18/12/2022 0:00	1.31	5.18	2.52	20.99	31.82	1666.57	17.41	101.33	1647.44
290	17/12/2022 23:00	1.25	1.37	0.82	21.02	31.61	1669.24	17.85	101.33	3554.98
291	17/12/2022 22:00	1.38	1.48	0.9	21.02	31.62	1667.25	17.87	101.33	1670.3
292	17/12/2022 21:00	1.31	1.41	0.85	21.01	31.48	1666.06	18.43	101.33	1656.37
293	17/12/2022 20:00	1.37	1.45	0.88	20.99	31.43	1697.08	18.65	101.33	1670.3
294	17/12/2022 19:00	1.23	1.31	0.76	20.96	31.03	1654.12	19.11	101.33	1642.45
295	17/12/2022 18:00	1.5	1.76	1.25	20.95	31.07	1730.49	19.4	101.33	1702.13
296	17/12/2022 17:00	1.42	1.47	0.89	20.93	30.88	1705.04	20.06	101.33	1673.48
297	17/12/2022 16:00	1.38	1.47	0.91	20.92	30.7	1727.71	21.22	101.33	3584.43
298	17/12/2022 15:00	1.22	1.28	0.75	20.9	29.27	1705.83	22.55	101.33	1650.41
299	17/12/2022 14:00	1.36	1.44	0.88	20.9	26.26	1755.55	23.52	101.33	3591.58
300	17/12/2022 13:00	1.38	1.46	0.88	20.92	25.32	1740.84	22.99	101.33	1673.48
301	17/12/2022 12:00	1.37	1.43	0.92	21.01	25.21	1751.97	22.9	101.33	1692.18
302	17/12/2022 11:00	1.35	1.47	0.9	21.05	25.82	1730.1	21.9	101.33	1673.08
303	17/12/2022 10:00	1.29	1.42	0.91	21.07	27.38	1724.53	20.59	101.33	1667.91
304	17/12/2022 9:00	1.34	1.47	0.92	21.04	28.7	1708.62	20.01	101.33	1661.15
305	17/12/2022 8:00	1.45	1.52	0.93	21.01	29.38	1729.7	19.76	101.33	1691.78
306	17/12/2022 7:00	1.37	4.94	2.56	20.98	29.43	1698.28	19.75	101.33	1673.48
307	17/12/2022 6:00	1.42	9.42	4.57	20.98	28.98	1726.11	19.76	101.33	3611.08
308	17/12/2022 5:00	1.4	1.47	0.9	20.97	28.65	1712.99	19.75	101.33	6280.75
309	17/12/2022 4:00	1.28	1.44	0.9	20.94	28.84	1702.14	19.74	101.33	1657.86
310	17/12/2022 3:00	1.18	1.27	0.76	20.93	27.81	1690.32	20.37	101.33	1658.36
311	17/12/2022 2:00	1.2	1.27	0.8	20.92	27.28	1666.86	20.36	101.33	1637.67
312	17/12/2022 1:00	1.54	7.28	3.6	20.91	26.91	1691.74	20.37	101.33	1651.34
313	17/12/2022 0:00	1.54	10.9	5.44	20.98	26.35	1726.44	20.39	101.33	1684.33
314	16/12/2022 23:00	1.36	1.41	0.84	21.02	25.97	1722.94	20.38	101.33	1674.68
315	16/12/2022 22:00	1.3	1.45	0.9	21.02	26.33	1724.27	20.38	101.33	16300
316	16/12/2022 21:00	1.21	1.27	0.72	21.02	26.06	1700.79	20.36	101.33	1646.43
317	16/12/2022 20:00	1.23	1.36	0.82	21	26.11	1695.89	20.78	101.33	1628.92
318	16/12/2022 19:00	1.23	3.69	1.63	20.97	25.86	1670.04	21.67	101.33	6219.64
319	16/12/2022 18:00	1.37	14.59	6.51	20.95	26.04	1750.7	22.72	101.33	3994.3
320	16/12/2022 17:00	1.18	3.43	1.86	20.95	25.39	1726.52	24.97	101.33	1658.36
321	16/12/2022 16:00	1.2	1.33	0.83	20.95	22.41	1792.15	27.55	101.33	1690.99
322	16/12/2022 15:00	1.22	1.31	0.79	20.94	18.14	1770.67	28.37	101.33	1662.34
323	16/12/2022 14:00	1.19	1.31	0.81	20.94	10.43	1802.88	29.42	101.33	1692.58
324	16/12/2022 13:00	1.27	1.35	0.85	20.95	5.57	1792.54	29.8	101.33	1687.41
325	16/12/2022 12:00	1.44	1.54	0.96	20.93	4.01	1827.97	29.47	101.33	1711.24
326	16/12/2022 11:00	1.27	1.35	0.86	20.95	9.26	1804.07	28.8	101.33	1691.78
327	16/12/2022 10:00	1.36	1.45	0.91	20.97	10.31	1804.47	27.39	101.33	1696.96

328	16/12/2022 9:00	1.24	1.33	0.83	20.98	19.46	1724.13	23.19	101.33	3585.22
329	16/12/2022 8:00	1.3	1.34	0.81	20.97	25.74	1669.64	17.28	101.33	1673.08
330	16/12/2022 7:00	1.36	5.36	2.24	20.92	29.22	1648.56	16.09	101.33	1648.66
331	16/12/2022 6:00	1.51	11.03	4.75	20.99	30.42	1703.05	15.99	101.33	1695.36
332	16/12/2022 5:00	1.35	1.38	0.85	21	29.8	1665.66	16.45	101.33	1662.33
333	16/12/2022 4:00	1.2	1.28	0.81	20.98	29.33	1638.62	16.6	101.33	1642.05
334	16/12/2022 3:00	1.24	1.33	0.81	20.97	29.07	1643.79	16.76	101.33	1650.01
335	16/12/2022 2:00	1.24	1.37	0.85	20.96	29.2	1665.67	17.22	101.33	1657.57
336	16/12/2022 1:00	1.26	2.22	1.04	20.92	29.17	1660.93	17.22	101.33	1648.74
337	16/12/2022 0:00	1.39	4.28	2.19	20.94	29.06	1676.55	17.63	101.33	1668.71
338	15/12/2022 23:00	1.21	1.3	0.79	20.94	28.39	1668.3	17.86	101.33	1668.71
339	15/12/2022 22:00	1.27	1.36	0.86	20.94	28.44	1681.57	18.4	101.33	1675.07
340	15/12/2022 21:00	1.33	1.37	0.85	20.94	28.45	1690.72	18.96	101.33	1663.13
341	15/12/2022 20:00	1.32	1.38	0.84	20.94	28.05	1708.22	19.5	101.33	1671.89
342	15/12/2022 19:00	1.32	1.39	0.88	20.93	27.87	1709.52	20.1	101.33	1672.61
343	15/12/2022 18:00	1.39	9.72	4.6	20.96	28.1	1736.06	21.33	101.33	11256.45
344	15/12/2022 17:00	1.24	1.35	0.82	20.96	27.26	1739.24	23.63	101.33	5722.55
345	15/12/2022 16:00	1.29	1.41	0.83	20.96	23.75	1747.59	27.07	101.33	1671.09
346	15/12/2022 15:00	1.2	1.29	0.77	20.97	18.4	1761.52	28.68	101.33	1667.12
347	15/12/2022 14:00	1.21	1.32	0.81	20.98	11.59	1758.73	28.83	101.33	1660.35
348	15/12/2022 13:00	1.4	1.49	0.9	20.96	10.29	1790.55	27.98	101.33	7440.13
349	15/12/2022 12:00	2.03	31.45	13.06	10.44	10.91	1872.88	27.08	101.33	1777.32
350	15/12/2022 11:00	1.35	1.43	0.87	20.88	9.54	1778.51	26.49	101.33	7949.18
351	15/12/2022 10:00	1.28	1.38	0.88	20.9	15.26	1755.52	24.77	101.33	1678.69
352	15/12/2022 9:00	1.28	1.34	0.76	20.92	23.89	1671.23	20.98	101.33	10109.41
353	15/12/2022 8:00	1.33	4.72	2.5	20.95	26.29	1678.39	16.97	101.33	1677.85
354	15/12/2022 7:00	1.32	1.44	0.9	21.02	28.67	1655.72	15.98	101.33	1657.96
355	15/12/2022 6:00	1.37	1.45	0.92	21	30.83	1656.12	15.98	101.33	1898.27
356	15/12/2022 5:00	1.37	1.44	0.92	20.98	31.23	1648.34	16.03	101.33	5841.08
357	15/12/2022 4:00	1.3	1.37	0.91	20.97	31.58	1635.76	16.6	101.33	1646.13
358	15/12/2022 3:00	1.34	1.4	0.86	20.95	31.5	1660.5	16.7	101.33	1656.98
359	15/12/2022 2:00	1.46	12.63	5.67	20.93	31.34	1680.45	17.24	101.33	1681.72
360	15/12/2022 1:00	1.47	1.5	0.94	20.93	30.74	1683.16	17.4	101.33	1679.45
361	15/12/2022 0:00	1.45	1.53	0.92	20.95	30.1	1699.07	17.88	101.33	1686.6
362	14/12/2022 23:00	1.31	1.42	0.87	20.95	29.82	1688.73	18.24	101.33	1671.09
363	14/12/2022 22:00	1.29	1.35	0.85	20.95	29.92	1681.17	19.01	101.33	1648.81
364	14/12/2022 21:00	1.45	1.51	0.94	20.95	29.59	1715.78	19.45	101.33	1680.24
365	14/12/2022 20:00	1.44	2.51	1.25	20.95	28.93	1712.56	19.93	101.33	1677.39
366	14/12/2022 19:00	1.42	1.48	0.89	20.96	27.6	1712.2	20.69	101.33	1664.72
367	14/12/2022 18:00	1.35	1.41	0.86	20.95	27.3	1726.52	21.91	101.33	1687.8
368	14/12/2022 17:00	1.45	1.53	0.92	20.92	27	1767.4	23.72	101.33	1698.31
369	14/12/2022 16:00	1.38	1.44	0.91	20.93	25	1767.88	26.92	101.33	3599.15
370	14/12/2022 15:00	1.22	1.29	0.79	20.93	19.83	1749.19	27.89	101.33	1659.95
371	14/12/2022 14:00	1.32	13.56	5.72	20.92	19.12	1749.58	27.43	101.33	1679.45
372	14/12/2022 13:00	1.39	1.45	0.92	20.9	12.25	1766.69	27.18	101.33	3594.77
373	14/12/2022 12:00	1.42	1.48	0.92	20.93	16.4	1770.67	25.87	101.33	1686.61
374	14/12/2022 11:00	1.36	1.43	0.91	20.97	23.04	1727.31	24.12	101.33	1663.06
375	14/12/2022 10:00	1.43	1.53	0.95	20.99	25.71	1753.17	22.17	101.33	1697.75
376	14/12/2022 9:00	1.47	1.52	0.95	20.99	26.78	1731.29	20.28	101.33	1692.58
377	14/12/2022 8:00	1.55	7.4	3.89	20.98	27.7	1750.38	19.09	101.33	1711.67
378	14/12/2022 7:00	1.39	4.01	2.03	20.98	29.39	1709.08	18.5	101.33	1691.27
379	14/12/2022 6:00	1.42	1.47	0.95	20.97	29.55	1686.96	18.5	101.33	7657.08
380	14/12/2022 5:00	1.46	1.55	0.97	20.96	29.24	1710.6	18.51	101.33	1695.36
381	14/12/2022 4:00	1.48	1.55	0.97	20.94	29.56	1683.16	18.54	101.33	1670.3
382	14/12/2022 3:00	1.41	1.46	0.91	20.93	28.87	1718.16	19.13	101.33	1694.17
383	14/12/2022 2:00	1.62	4.63	2.31	20.93	28.42	1732.51	19.14	101.33	1734.68

384	14/12/2022 1:00	1.47	1.53	0.92	20.97	28.2	1693.9	19.12	101.33	1694.97
385	14/12/2022 0:00	1.47	1.58	0.98	20.98	28.15	1720.95	19.14	101.33	1692.97
386	13/12/2022 23:00	1.49	1.56	0.98	20.97	27.94	1726.12	19.13	101.33	1694.17
387	13/12/2022 22:00	1.39	1.47	0.89	20.97	27.6	1708.22	19.12	101.33	1671.89
388	13/12/2022 21:00	1.47	1.6	1	20.96	27.93	1722.14	19.34	101.33	1691.78
389	13/12/2022 20:00	1.58	4.44	1.72	20.98	27.58	1758.33	19.78	101.33	1715.66
390	13/12/2022 19:00	1.47	1.54	0.96	21.03	28.13	1742.82	20.55	101.33	3612.28
391	13/12/2022 18:00	1.44	1.52	0.94	21.02	28.78	1742.03	21.65	101.33	1695.76
392	13/12/2022 17:00	1.48	1.52	0.99	21.01	27.06	1770.66	23.53	101.33	1696.95
393	13/12/2022 16:00	1.39	1.48	0.91	21	24.37	1763.11	26.4	101.33	3599.54
394	13/12/2022 15:00	1.4	1.47	0.91	21	17.64	1788.96	28.44	101.33	10506.88
395	13/12/2022 14:00	1.45	5.58	2.38	20.91	11.37	1811.63	28.55	101.33	1709.29
396	13/12/2022 13:00	1.2	1.32	0.8	20.82	8.98	1732.48	27.84	101.33	3557.77
397	13/12/2022 12:00	1.38	1.49	0.9	20.85	12.43	1783.79	27.13	101.33	1685.42
398	13/12/2022 11:00	1.35	1.38	0.82	20.89	15.72	1767.48	26.54	101.33	1669.9
399	13/12/2022 10:00	1.39	1.48	0.91	20.91	16.09	1743.8	24.19	101.33	7946.58
400	13/12/2022 9:00	1.27	1.38	0.87	20.92	25.83	1707.42	20.99	101.33	1657.96
401	13/12/2022 8:00	1.5	7.45	3.73	20.97	27.48	1702.65	18.02	101.33	1689.4
402	13/12/2022 7:00	1.44	1.53	0.96	21.02	30.72	1678.39	17.24	101.33	1674.28
403	13/12/2022 6:00	1.42	1.5	0.93	20.99	31.42	1670.84	17.23	101.33	1671.89
404	13/12/2022 5:00	1.35	1.43	0.83	20.96	31.2	1665.67	17.74	101.33	1663.53
405	13/12/2022 4:00	1.38	1.49	0.89	20.96	31.07	1673.22	17.86	101.33	1666.72
406	13/12/2022 3:00	1.49	1.56	0.98	20.96	30.89	1700.26	18.44	101.33	1684.22
407	13/12/2022 2:00	1.46	8.14	3.67	20.95	30.19	1695.09	18.5	101.33	3598.75
408	13/12/2022 1:00	1.42	1.4	0.85	20.97	30.45	1663.68	18.48	101.33	1658.36
409	13/12/2022 0:00	1.47	1.54	0.97	20.98	30.54	1678.79	18.97	101.33	3583.23
410	12/12/2022 23:00	1.51	1.57	1	20.97	29.38	1700.66	19.38	101.33	15075.55
411	12/12/2022 22:00	1.52	1.6	0.96	20.98	28.29	1722.93	19.76	101.33	1687.8
412	12/12/2022 21:00	1.3	1.38	0.82	20.97	27.57	1668.05	20.09	101.33	1623.75
413	12/12/2022 20:00	1.53	2.24	1.37	20.97	27.3	1725.32	20.8	101.33	5533.96
414	12/12/2022 19:00	1.5	1.59	0.98	21.01	27.16	1735.56	21.53	101.33	1689.54
415	12/12/2022 18:00	1.51	1.59	0.97	20.99	26.92	1747.2	22.64	101.33	12331.48
416	12/12/2022 17:00	1.35	1.52	0.92	20.98	26.18	1763.11	24.73	101.33	1685.02
417	12/12/2022 16:00	1.42	1.53	0.93	20.98	22.7	1784.59	28.01	101.33	1694.17
418	12/12/2022 15:00	1.47	1.53	0.95	20.98	19.36	1795.33	29.17	101.33	5525.21
419	12/12/2022 14:00	1.64	7.32	2.79	20.94	16.27	1811.63	29.07	101.33	5537.94
420	12/12/2022 13:00	1.39	1.42	0.84	20.89	10.05	1764.3	28.1	101.33	1657.97
421	12/12/2022 12:00	1.26	1.27	0.75	20.92	17.52	1723.33	26.89	101.33	3569.31
422	12/12/2022 11:00	1.54	1.58	0.97	20.96	22.48	1783.79	25.88	101.33	1706.11
423	12/12/2022 10:00	1.62	1.7	1.09	20.8	24	1794.13	23.38	101.33	7436.56
424	12/12/2022 9:00	1.43	1.51	0.92	21	26.52	1718.16	21.58	101.33	1681.83
425	12/12/2022 8:00	1.5	3.65	1.63	20.98	27.28	1718.56	20.42	101.33	1673.48
426	12/12/2022 7:00	1.46	1.57	0.94	21.01	27.57	1689.56	19.98	101.33	1675.22
427	12/12/2022 6:00	1.31	1.41	0.85	20.99	27.65	1668.85	20.25	101.33	1632.1
428	12/12/2022 5:00	1.49	1.57	0.99	20.96	27.58	1724.13	20.38	101.33	1693.77
429	12/12/2022 4:00	1.3	1.45	0.85	20.93	27.14	1690	20.65	101.33	3743.82
430	12/12/2022 3:00	1.3	1.32	0.77	20.92	26.77	1675.21	20.98	101.33	3567.32
431	12/12/2022 2:00	1.48	10.99	5.3	20.94	27.53	1696.68	21	101.33	1659.95
432	12/12/2022 1:00	1.4	1.46	0.91	20.99	27.48	1685.15	20.99	101.33	1652
433	12/12/2022 0:00	1.4	1.46	0.98	20.98	27.24	1709.02	20.99	101.33	3580.45
434	11/12/2022 23:00	1.5	1.56	0.92	20.98	27.49	1724.13	21.31	101.33	1685.82
435	11/12/2022 22:00	1.44	1.51	0.93	20.97	27.59	1708.22	21.63	101.33	1687.4
436	11/12/2022 21:00	1.55	1.64	1.02	20.97	27.33	1737.26	21.9	101.33	1708.09
437	11/12/2022 20:00	1.6	7.72	3.83	20.94	27.14	1748.14	22.26	101.33	1701.26
438	11/12/2022 19:00	1.37	1.67	0.85	20.9	26.8	1697.37	22.41	101.33	1999.01
439	11/12/2022 18:00	1.38	1.45	0.87	20.9	27	1686.35	22.86	101.33	3570.5

440	11/12/2022 17:00	1.42	1.52	0.94	20.7	27.09	1740.83	23.6	101.33	1662.34
441	11/12/2022 16:00	1.19	10.49	2.38	20.87	24.65	1695.89	25.73	101.33	1644.83
442	11/12/2022 15:00	1.55	27.49	8.06	20.87	22.5	1749.01	27.15	101.33	1680.86
443	11/12/2022 14:00	1.88	40.96	17.17	20.9	19.19	1779.02	27.17	101.33	1698.94
444	11/12/2022 13:00	1.35	1.41	0.81	20.91	16.07	1732.48	26.27	101.33	1673.87
445	11/12/2022 12:00	1.38	1.35	0.87	20.94	20.86	1734.07	24.59	101.33	1653.19
446	11/12/2022 11:00	1.26	1.38	0.86	20.96	24.9	1683.16	23.91	101.33	1647.22
447	11/12/2022 10:00	1.36	1.41	0.89	20.99	25.54	1726.91	23.02	101.33	1675.87
448	11/12/2022 9:00	1.41	1.46	0.91	20.99	26.86	1721.24	22.07	101.33	1692.14
449	11/12/2022 8:00	1.46	9.8	4.45	20.94	27.26	1727.31	21.62	101.33	1692.58
450	11/12/2022 7:00	1.2	1.36	0.98	20.96	27.47	1684.36	21.37	101.33	5487.81
451	11/12/2022 6:00	1.14	2.26	0.81	20.94	27.4	1657.45	21.2	101.33	1620.53
452	11/12/2022 5:00	1.28	1.83	0.85	20.93	27.53	1672.21	21.59	101.33	1647.01
453	11/12/2022 4:00	1.31	1.7	0.84	20.91	28.09	1699.47	21.6	101.33	5509.69
454	11/12/2022 3:00	1.37	2.25	0.88	20.9	28.14	1676	21.61	101.33	1670.7
455	11/12/2022 2:00	1.23	4.11	1.48	20.92	27.86	1692.31	21.61	101.33	1659.95
456	11/12/2022 1:00	1.33	4.93	2.43	20.95	28.03	1711.41	21.87	101.33	1677.46
457	11/12/2022 0:00	1.43	6.63	2.77	20.96	27.61	1701.46	22.25	101.33	1688.6
458	10/12/2022 23:00	1.45	7.05	3.58	20.95	27.44	1711.69	22.25	101.33	1686.07
459	10/12/2022 22:00	1.24	8.7	3.58	20.95	27.36	1678.39	22.24	101.33	1659.16
460	10/12/2022 21:00	1.31	7.53	2.81	20.94	27.54	1680.45	22.24	101.33	1658.29
461	10/12/2022 20:00	1.46	19.38	9.14	20.95	27.57	1726.12	22.26	101.33	1695.37
462	10/12/2022 19:00	1.33	34.77	17.83	20.98	27.63	1691.92	22.61	101.33	1672.29
463	10/12/2022 18:00	1.3	32.59	16.93	20.96	27.55	1668.74	22.87	101.33	1653.51
464	10/12/2022 17:00	1.24	35.99	18.77	20.96	27.93	1651.74	22.85	101.33	1637.68
465	10/12/2022 16:00	1.34	30.16	16.1	20.96	29.97	1660.49	22.85	101.33	1636.08
466	10/12/2022 15:00	1.4	25.37	12.47	20.94	30.2	1706.05	23.27	101.33	1670.88
467	10/12/2022 14:00	1.54	8.1	3.82	20.91	29.18	1744.24	24.03	101.33	1702.12
468	10/12/2022 13:00	1.3	1.4	0.89	20.83	29.18	1691.12	24.12	101.33	1672.69
469	10/12/2022 12:00	1.52	5.93	1.91	20.7	28.72	1732.08	24.4	101.33	3615.46
470	10/12/2022 11:00	1.31	10.58	2.71	20.87	26.66	1708.22	24.75	101.33	1674.27
471	10/12/2022 10:00	1.22	8.43	2.08	20.88	25.44	1712.2	24.72	101.33	1628.13
472	10/12/2022 9:00	1.27	8.44	2.16	20.88	26.17	1668.05	24.59	101.33	3563.74
473	10/12/2022 8:00	1.43	4.69	1.44	20.94	27.43	1697.08	24.11	101.33	1667.91
474	10/12/2022 7:00	1.39	1.46	0.88	21	27.51	1699.11	23.95	101.33	1671.31
475	10/12/2022 6:00	1.44	1.52	0.91	20.98	28.05	1706.92	24.02	101.33	1676.52
476	10/12/2022 5:00	1.32	1.46	0.86	20.99	28.34	1691.92	24.1	101.33	1645.23
477	10/12/2022 4:00	1.24	1.36	0.83	20.99	27.84	1701.06	24.13	101.33	1688.6
478	10/12/2022 3:00	2.19	21.21	9.05	20.79	28.4	1736.46	24.36	101.33	1712.47
479	10/12/2022 2:00	2.04	36.97	17.65	20.9	27.38	1740.83	24.77	101.33	5523.62
480	10/12/2022 1:00	1.44	2.3	2.17	20.89	27.78	1719.76	24.82	101.33	1684.22
481	10/12/2022 0:00	1.31	2.08	1.69	20.91	27.93	1693.9	25.38	101.33	1671.89
482	09/12/2022 23:00	1.29	3.88	1.91	20.9	26.95	1680.02	25.66	101.33	3746
483	09/12/2022 22:00	1.23	2.65	1.59	20.91	27.03	1690.86	25.14	101.33	1662.63
484	09/12/2022 21:00	1.36	3.94	2.42	20.91	28.74	1674.41	24.75	101.33	1663.54
485	09/12/2022 20:00	1.31	1.86	1.21	20.94	28.95	1684.36	25.25	101.33	1661.54
486	09/12/2022 19:00	1.31	1.4	0.78	20.97	28.36	1686.52	25.38	101.33	1666.54
487	09/12/2022 18:00	1.25	1.4	0.85	20.97	28.93	1663.28	26.17	101.33	1665.92
488	09/12/2022 17:00	1.4	1.46	0.9	20.97	27.55	1726.44	27	101.33	1684.77
489	09/12/2022 16:00	1.23	1.3	0.83	20.96	26.33	1726.91	26.55	101.33	3583.23
490	09/12/2022 15:00	1.16	1.84	0.84	20.97	24.98	1720.95	27.23	101.33	1659.16
491	09/12/2022 14:00	1.25	5.46	2.36	20.99	24.85	1744.41	27.47	101.33	1646.42
492	09/12/2022 13:00	1.33	9.84	6.63	21.02	25.74	1738.45	27.29	101.33	1681.04
493	09/12/2022 12:00	1.14	4.4	1.6	20.96	26.76	1709.41	30.3	101.33	1658.36
494	09/12/2022 11:00	1.32	3.97	1.44	20.92	26.65	1696.68	32.43	101.33	3556.58
495	09/12/2022 10:00	1.5	6.13	2.14	20.94	26.52	1735.42	32.92	101.33	1673.48

496	09/12/2022 9:00	2.23	8.59	2.03	20.94	27.42	1732.52	33.31	101.33	1676.08
497	09/12/2022 8:00	1.91	4.81	1.84	20.95	27.38	1778.62	34.92	101.33	3628.98
498	09/12/2022 7:00	3.45	1.51	0.94	20.97	27.21	1749.19	37.52	101.33	1681.44
499	09/12/2022 6:00	7.12	1.65	1	20.93	27.37	72625.29	46.58	101.33	125297.65
500	09/12/2022 5:00	81.71	1.51	1.09	20.43	26.9	260929.81	70.63	101.33	437922.38
501	09/12/2022 4:00	148.51	1.61	0.97	20.27	27.13	258301.98	76.85	101.33	428767.1
502	09/12/2022 3:00	143.09	1.68	0.94	20.41	27.54	259704.79	73.14	101.33	433202.1
503	09/12/2022 2:00	137.57	35.83	18.25	20.2	27.43	259175.4	78.61	101.33	432049.89
504	09/12/2022 1:00	194.45	1.5	0.89	20.15	27.08	258171.13	81.48	101.33	431428.41
505	09/12/2022 0:00	146.03	1.42	0.88	20.21	27.42	258091.84	77.98	101.33	432549.41
506	08/12/2022 23:00	117.95	1.41	0.92	20.46	27.64	260300.19	68.17	101.33	435646.19
507	08/12/2022 22:00	134.68	1.53	1.03	20.29	28.81	256626.73	76.73	101.33	432066.97
508	08/12/2022 21:00	145.84	1.55	0.98	20.15	27.91	256176.22	75.54	101.33	426977.27
509	08/12/2022 20:00	274.89	8.98	4.31	20.14	27.38	214111.8	74.95	101.33	369126.75
510	08/12/2022 19:00	11.94	1.47	0.91	20.94	27.44	44870.26	39.98	101.33	84034.28
511	08/12/2022 18:00	36.94	1.54	1.03	20.79	27.36	1772.25	44.22	101.33	1696.16
512	08/12/2022 17:00	53.32	1.54	0.98	20.8	27.15	172928.5	65.65	101.33	311822.67
513	08/12/2022 16:00	151.98	1.53	0.94	20.15	25.58	272075.5	88.03	101.33	464191.8
514	08/12/2022 15:00	153.05	1.44	0.92	20.03	20.88	273354.6	88.51	101.33	466425.01
515	08/12/2022 14:00	156.36	25.42	13.32	20.11	21.91	272798.17	86.27	101.33	464462.33
516	08/12/2022 13:00	157.1	48.68	21.16	20.16	17.44	269934.09	87.01	101.33	457282.47
517	08/12/2022 12:00	181.13	75.68	31.98	20.11	14.02	263526.21	85.28	101.33	440349.34
518	08/12/2022 11:00	137.46	67.22	30.03	20.37	14.13	268482.66	83.84	101.33	457429.14
519	08/12/2022 10:00	127.09	42.11	20.46	20.36	20.28	269092.89	83.45	101.33	450629.38
520	08/12/2022 9:00	164.06	43.77	22.09	20.21	25.27	259142.79	84.69	101.33	430569.42
521	08/12/2022 8:00	140.29	22.06	11.89	20.21	26.27	255641.54	82.6	101.33	424008.23
522	08/12/2022 7:00	75.17	1.7	1.07	20.3	26.14	251278.8	84.65	101.33	439565.15
523	08/12/2022 6:00	181.21	1.27	1.23	20.2	27.38	265131.46	82.42	101.33	433523.96
524	08/12/2022 5:00	136.54	1.52	0.97	20.27	27.61	253432.93	71.42	101.33	431827.86
525	08/12/2022 4:00	123.7	1.49	0.86	20.23	26.68	252425.47	80.14	101.33	438035.36
526	08/12/2022 3:00	186.01	1.5	2.74	20.11	25.78	247563.18	81.4	101.33	436845.33
527	08/12/2022 2:00	139.95	7.48	4.07	20.15	25.5	254439.19	82.55	101.33	445211.65
528	08/12/2022 1:00	165.49	1.51	0.84	19.97	24.88	233253.13	84.36	101.33	427078.17
529	08/12/2022 0:00	146.54	1.45	0.9	20.27	24.11	268186.85	77.73	101.33	453490.83
530	07/12/2022 23:00	175.94	1.45	0.89	20.16	24.78	259089.5	78.79	101.33	425890.13
531	07/12/2022 22:00	204.7	1.41	1.17	19.98	25.65	240651.76	77.19	101.33	399969.23
532	07/12/2022 21:00	131.98	1.84	2.76	20.28	27.1	236905.37	72.44	101.33	393861.75
533	07/12/2022 20:00	140.4	13.99	5.09	20.4	27.69	237664.79	61.68	101.33	396242.44
534	07/12/2022 19:00	6.32	1.36	0.81	20.82	27.03	51948.89	39.02	101.33	86286.32
535	07/12/2022 18:00	15.12	1.29	0.8	20.91	26.9	1768.28	42.65	101.33	1677.86
536	07/12/2022 17:00	18.82	1.17	0.79	20.9	26.46	59867.19	54.71	101.33	107054.35
537	07/12/2022 16:00	178.2	1.16	0.7	20.21	26.2	253721.25	83.56	101.33	416325.64
538	07/12/2022 15:00	151.01	1.38	1.32	20.28	23.96	260830.76	81.25	101.33	423713.01
539	07/12/2022 14:00	123.85	3.54	2.45	20.24	24.35	265038	83.08	101.33	427413.55
540	07/12/2022 13:00	173.32	1.29	2.17	20.12	23.13	264793	83.16	101.33	427373.78
541	07/12/2022 12:00	182.68	1.32	0.8	20.02	23.3	244536.02	87.39	101.33	413684.04
542	07/12/2022 11:00	73.17	3.3	2.69	20.38	26.08	261805.51	72.46	101.33	416522.67
543	07/12/2022 10:00	199.45	1.62	1.64	20.19	26.22	247184.53	84.18	101.33	410250.45
544	07/12/2022 9:00	95.49	1.3	0.98	20.53	25.81	258692.78	73.61	101.33	415570.44
545	07/12/2022 8:00	141.32	3.95	2.84	20.2	26.52	260775.48	82.6	101.33	422805.48
546	07/12/2022 7:00	155.05	1.37	0.87	20.44	26.89	269814.79	78.32	101.33	441337.23
547	07/12/2022 6:00	118.51	1.41	0.88	20.33	25.95	264952.52	82.38	101.33	432591.07
548	07/12/2022 5:00	148.37	1.34	0.86	20.27	25.5	248367	82.48	101.33	412739.1
549	07/12/2022 4:00	142.91	1.43	0.87	20.28	26.54	248670.07	79.71	101.33	420995.18
550	07/12/2022 3:00	148.66	1.42	0.88	20.34	27.2	237145.76	80.62	101.33	412296.28
551	07/12/2022 2:00	124.85	6.03	3.8	20.39	26.91	251795.87	78.55	101.33	422149.02

552	07/12/2022 1:00	140.83	13.25	7.26	20.47	26.53	258194.66	76.14	101.33	430422.65
553	07/12/2022 0:00	146.79	11.61	4.58	20.53	26.36	260524.66	77.11	101.33	434104.12
554	06/12/2022 23:00	183.04	27.31	9.58	20.2	26.36	246413.65	78.77	101.33	414329.09
555	06/12/2022 22:00	193.87	3.97	1.8	20.44	26.18	245255.13	74.53	101.33	411929.84
556	06/12/2022 21:00	157.03	1.37	0.8	20.47	26.21	248157.78	70.98	101.33	414077.52
557	06/12/2022 20:00	112.76	1.72	1.04	20.61	28.21	247935.74	58.75	101.33	410730.5
558	06/12/2022 19:00	6.72	1.42	0.88	21.09	28.19	61644.2	35.39	101.33	103349.08
559	06/12/2022 18:00	20.83	1.38	0.83	21.09	28.38	1717.33	36.83	101.33	1696.48
560	06/12/2022 17:00	21.47	1.13	0.68	21.17	28.22	104278.51	48.13	101.33	216082.47
561	06/12/2022 16:00	113.95	1.28	0.8	20.72	27.56	267312.88	78.5	101.33	449412.97
562	06/12/2022 15:00	155.54	1.44	0.88	20.23	26.6	260058.38	84.69	101.33	432256.35
563	06/12/2022 14:00	152.56	9.04	5.82	20.27	24.48	264836.23	82.23	101.33	429127.48
564	06/12/2022 13:00	148.48	1.44	1.53	20.09	13.5	258653.19	87.27	101.33	427839.66
565	06/12/2022 12:00	164.77	3.22	2.94	20.06	11.23	261183.57	86.88	101.33	425306.46
566	06/12/2022 11:00	164.41	1.41	1.37	20.17	18.22	268523.33	82.51	101.33	434037.61
567	06/12/2022 10:00	147.65	11.31	9.31	20.19	22.65	267886.96	83.61	101.33	448924.92
568	06/12/2022 9:00	161.46	1.46	1.16	20.05	23.27	268421.11	84.06	101.33	446609.37
569	06/12/2022 8:00	133.69	12.54	4.52	20.14	25.36	265027.15	84.85	101.33	433690.05
570	06/12/2022 7:00	179.26	27.76	6.64	19.97	26.73	266731.95	81.92	101.33	435711.04
571	06/12/2022 6:00	158.91	10.56	1.91	20.03	26.99	265764.26	75.5	101.33	451307.73
572	06/12/2022 5:00	130.23	20.49	4.34	20.08	26.8	252988.65	79.1	101.33	431424.03
573	06/12/2022 4:00	157.2	84.67	34.06	19.93	27.04	254960.63	79.62	101.33	424287.93
574	06/12/2022 3:00	194.2	3.94	4.01	20.11	27.01	256110.87	78.19	101.33	421711.35
575	06/12/2022 2:00	146.94	21.53	13.71	20.21	27.3	257161.67	74.73	101.33	426242.25
576	06/12/2022 1:00	135.62	21.7	12.44	20.22	27.1	252935.76	70.95	101.33	431800.42
577	06/12/2022 0:00	172.28	13.45	7.03	20.06	26.25	252190.42	79.18	101.33	432206.64
578	05/12/2022 23:00	174.57	13.14	5.69	20.1	26.4	251531.4	77.98	101.33	429211.25
579	05/12/2022 22:00	171.06	5.36	3.97	20.09	27.23	250657.54	70.29	101.33	428710.19
580	05/12/2022 21:00	201.89	9.84	4.89	20.23	26.98	249488.21	68.42	101.33	429416.41
581	05/12/2022 20:00	93.35	6.29	2.86	20.58	27.1	243928.77	54.72	101.33	406032.08
582	05/12/2022 19:00	6.16	1.2	0.79	20.9	28.06	47029.55	28.88	101.33	74515.37
583	05/12/2022 18:00	4.39	1.27	0.79	20.95	28.26	1712.2	28.91	101.33	1674.28
584	05/12/2022 17:00	3.81	1.6	1.05	20.96	28.7	1755.95	30.04	101.33	3790.7
585	05/12/2022 16:00	4.84	4.48	2.83	20.73	27.73	1750.38	31.16	101.33	1684.22
586	05/12/2022 15:00	4.06	8.6	4.49	20.9	27	1774.24	32.27	101.33	1714.46
587	05/12/2022 14:00	2.4	6.47	2.1	20.83	26.82	1763.32	32.66	101.33	1698.66
588	05/12/2022 13:00	1.39	7.98	1.83	20.53	26.26	1724.53	30.17	101.33	1687.8
589	05/12/2022 12:00	1.55	7.39	2.13	20.76	26.28	1702.14	27.28	101.33	1659.16
590	05/12/2022 11:00	3.14	6.51	1.67	20.6	26.58	1762.02	28.34	101.33	1712.11
591	05/12/2022 10:00	7.14	8.23	2.03	20.88	26.31	1767.08	33.94	101.33	1700.14
592	05/12/2022 9:00	25.4	10.25	2.74	20.87	26.75	1821.97	45.34	101.33	1723.61
593	05/12/2022 8:00	69.76	11.15	6.74	20.56	26.38	210215.61	69.17	101.33	351792.19
594	05/12/2022 7:00	157.64	12.17	6.82	20.27	25.79	265151.24	79.88	101.33	435708.75
595	05/12/2022 6:00	161.56	10.04	4.06	20.1	26.15	265116.53	81.74	101.33	448562.25
596	05/12/2022 5:00	164.71	3.95	2.89	20.07	27.53	259705.91	82.1	101.33	420724.16
597	05/12/2022 4:00	196.52	3.31	1.58	20.08	28.51	248709.81	79.41	101.33	418795.29
598	05/12/2022 3:00	197.83	8.48	6.6	20.2	27.12	250308.33	78.81	101.33	421780.19
599	05/12/2022 2:00	211.87	15.1	8.09	20.07	26.55	234512.89	85.64	101.33	405950.48
600	05/12/2022 1:00	182.42	20.11	7.33	20.25	26.26	249442.87	81.57	101.33	416506.5
601	05/12/2022 0:00	192.74	18.84	9.27	20.07	25.8	233473.07	86.05	101.33	410738.25
602	04/12/2022 23:00	183.78	18.72	9.4	20.14	24.61	262356.88	81.95	101.33	443393.4
603	04/12/2022 22:00	182.39	11.72	5.31	20.03	23.9	261750.4	82.8	101.33	440004.41
604	04/12/2022 21:00	157.7	6.25	4.71	20.2	24.44	262577.4	83.35	101.33	445734.95
605	04/12/2022 20:00	164.6	4.32	4.77	20.43	25.37	252481.19	84.67	101.33	420651.66
606	04/12/2022 19:00	180.52	1.29	4.54	20.79	25.72	244773.55	70.63	101.33	399360.11
607	04/12/2022 18:00	149.49	1.21	4.44	20.64	24.91	255721.47	74.08	101.33	448712.85

608	04/12/2022 17:00	146.58	1.27	0.8	20.5	23.91	267645.93	84.48	101.33	432756.09
609	04/12/2022 16:00	165.69	1.6	1	20.08	21.53	265735.26	84.53	101.33	430569.78
610	04/12/2022 15:00	131.87	1.61	0.95	20.21	19.38	267737.42	86.61	101.33	429052.35
611	04/12/2022 14:00	128.53	11.28	7.96	20.29	20.71	270345.75	84.99	101.33	431355.2
612	04/12/2022 13:00	175.41	3.34	3.57	20.04	18.56	269424.6	86.74	101.33	430364.54
613	04/12/2022 12:00	182.24	2.38	2.09	19.98	21.32	267667.37	83.22	101.33	430759.9
614	04/12/2022 11:00	162.22	1.36	3.65	20.03	20.14	268382.53	84.6	101.33	431278.02
615	04/12/2022 10:00	162.69	1.39	3.3	20.09	22.27	261458.79	84.8	101.33	418059.34
616	04/12/2022 9:00	152.97	2.75	5.6	20.23	19.35	269813.98	78.39	101.33	427660.62
617	04/12/2022 8:00	119.9	11.69	8.11	20.32	20.54	269296.2	82.19	101.33	428918.71
618	04/12/2022 7:00	208.31	17.27	11.55	19.94	24.98	262957.06	80.68	101.33	418203.79
619	04/12/2022 6:00	175.8	4.91	1.4	20.15	28.13	266246.31	77.21	101.33	425774.75
620	04/12/2022 5:00	115.94	1.59	1.09	20.17	28.22	255071.91	75.17	101.33	430699.13
621	04/12/2022 4:00	125.11	3.12	2.7	20.46	27.9	256535.9	69.13	101.33	427467.75
622	04/12/2022 3:00	175.47	1.38	1.73	20.17	26.7	241447.35	82.62	101.33	414538.29
623	04/12/2022 2:00	157.16	13.88	6.6	20.23	23.7	242642.28	84.07	101.33	402956.09
624	04/12/2022 1:00	174.41	9.8	9.79	20.18	24.98	240921.46	86.03	101.33	387193.68
625	04/12/2022 0:00	261.46	21.55	16.88	20.3	25.85	240733.3	80.24	101.33	388103.32
626	03/12/2022 23:00	200.72	14.68	11.33	20.36	24.81	242631.86	81.97	101.33	389013.58
627	03/12/2022 22:00	138.93	4.72	6.67	20.37	24.25	231904.78	78.85	101.33	388704.99
628	03/12/2022 21:00	227.05	7.28	6.96	20.3	23.97	233429.9	72.97	101.33	391455.04
629	03/12/2022 20:00	149.85	5.24	2.51	20.42	26.5	224383.67	64.86	101.33	381073.43
630	03/12/2022 19:00	5.47	1.31	0.79	20.86	26.79	18303.73	36.9	101.33	45948.19
631	03/12/2022 18:00	11.17	1.61	0.96	20.96	26.51	1806.06	40.33	101.33	1697.75
632	03/12/2022 17:00	14.47	1.3	0.8	20.95	26.17	54883.19	48.58	101.33	113748.44
633	03/12/2022 16:00	108.49	1.31	1.3	20.43	23.34	259124.49	79.07	101.33	438171.03
634	03/12/2022 15:00	121.23	1.39	0.84	20.25	24.4	270198.59	81.79	101.33	452424.15
635	03/12/2022 14:00	98.26	10.03	5.68	20.37	24.71	269937.27	78.97	101.33	451516.63
636	03/12/2022 13:00	107.33	1.33	1.32	20.24	24.08	262443.19	78.54	101.33	444777.58
637	03/12/2022 12:00	151.27	1.4	1.36	20.02	22.04	268737.32	86	101.33	430326.33
638	03/12/2022 11:00	162.47	1.24	2.17	20.19	25.52	270694.65	80.23	101.33	438136.3
639	03/12/2022 10:00	206.04	2.02	6.95	20.14	25.89	251231.47	84.35	101.33	413988.41
640	03/12/2022 9:00	153.31	2.36	3.54	20.3	24.83	254257.43	77.12	101.33	437039.1
641	03/12/2022 8:00	112.41	7.92	3.87	20.33	23.44	264282.59	78.37	101.33	455012.87
642	03/12/2022 7:00	197.51	4.79	0.79	20.19	27.57	260439.01	79.76	101.33	436139.14
643	03/12/2022 6:00	160.7	7.18	4.1	20.21	27.11	248519.72	78.73	101.33	411559.44
644	03/12/2022 5:00	155.22	2.14	10	20.21	28.53	246161.56	79.57	101.33	428935.4
645	03/12/2022 4:00	205.21	1.71	1.72	20.14	28.57	229710.11	76.27	101.33	408350.26
646	03/12/2022 3:00	126.79	1.52	2.37	20.39	27.42	242039.45	69.14	101.33	408343.89
647	03/12/2022 2:00	138.25	7.19	5.83	20.28	27.12	242853.58	76.77	101.33	412901.99
648	03/12/2022 1:00	174.07	27.22	16.14	20.08	27.04	223688.43	78.09	101.33	375341.8
649	03/12/2022 0:00	136.01	4.56	5.97	20.24	26.79	233250.73	74.59	101.33	391780.78
650	02/12/2022 23:00	154.34	3.05	6.11	20.14	26.54	247048.44	72.52	101.33	413130.3
651	02/12/2022 22:00	150.43	2.56	1.38	20.24	26.75	248013.4	72	101.33	413394.78
652	02/12/2022 21:00	153.33	5.09	5.8	20.36	26.87	246896.57	66.65	101.33	417279.54
653	02/12/2022 20:00	119.01	46	8.45	20.42	28.67	229932.74	58.54	101.33	379540.8
654	02/12/2022 19:00	16.32	40.6	11.52	20.79	30.42	20718.29	33.14	101.33	57873.13
655	02/12/2022 18:00	21.51	1.08	0.68	20.83	30.48	76061.31	39.72	101.33	130527.98
656	02/12/2022 17:00	54.12	1.45	0.9	20.63	30.11	169243.09	57.6	101.33	297474.01
657	02/12/2022 16:00	141.67	2.11	0.95	20.23	28.84	253825.49	76.64	101.33	424599.85
658	02/12/2022 15:00	131.12	8.23	1.49	20.23	26.28	258168.34	75.97	101.33	424401.34
659	02/12/2022 14:00	138.82	5.72	6.64	20.26	23.63	264277.93	77.88	101.33	436525.08
660	02/12/2022 13:00	65.98	1.65	815.18	6.52	22.38	262580	79.36	101.33	436827.05
661	02/12/2022 12:00	177.88	1.13	3.57	20.22	24.72	262517.09	78.66	101.33	433007.32
662	02/12/2022 11:00	20.11	320.01	221.97	6.78	26.19	265155.33	78.45	101.33	432783.16
663	02/12/2022 10:00	403.03	18.54	6.65	16.36	28.3	271686.93	79.83	101.33	402798.96

664	02/12/2022 9:00	207	19.88	10.09	20.2	24.9	326638.38	74.37	101.33	407563.35
665	02/12/2022 8:00	143.42	28.04	13.6	20.41	27.38	349061.57	72.2	101.33	434837.31
666	02/12/2022 7:00	224.45	1.51	2.53	20.41	27.39	349021	69.48	101.33	450610.28
667	02/12/2022 6:00	240.51	1.22	2.09	20.39	28.46	304156.67	72.19	101.33	398368.23
668	02/12/2022 5:00	210.16	1.27	5.16	20.3	30	297570.36	71.37	101.33	398296.85
669	02/12/2022 4:00	221.38	1.39	0.9	20.35	29.36	305200.73	70.49	101.33	398285.46
670	02/12/2022 3:00	224.94	1.48	0.94	20.28	29.17	318097.23	71.17	101.33	402045.7
671	02/12/2022 2:00	220.18	6.66	5.44	20.31	29.82	292000.34	69.54	101.33	377702.34
672	02/12/2022 1:00	260.94	20.42	13.08	20.08	29.42	285085.75	67.44	101.33	375850.27
673	02/12/2022 0:00	234.1	11.66	3.59	20.35	29.43	284727.54	63.86	101.33	381008.27
674	01/12/2022 23:00	290.86	1.19	1.2	20.17	30.1	292276.77	66.58	101.33	367925.62
675	01/12/2022 22:00	367.23	1.12	0.86	20.14	29.64	327465.8	57.08	101.33	437066.4
676	01/12/2022 21:00	282.31	1.47	0.73	20.37	30.15	318556.73	53.25	101.33	419298.78
677	01/12/2022 20:00	193.96	6.74	1.12	20.54	30.61	313929.27	34.94	101.33	404950.88
678	01/12/2022 19:00	1.53	1.63	1.02	20.9	29.33	90124.8	18.84	101.33	107618.23
679	01/12/2022 18:00	1.5	1.63	0.98	20.89	29.28	1736.86	18.13	101.33	1728.78
680	01/12/2022 17:00	1.42	1.49	0.95	20.9	29.41	1728.18	18.72	101.33	1711.67
681	01/12/2022 16:00	1.38	1.54	0.91	20.91	29.29	1719.93	19.35	101.33	1701.26
682	01/12/2022 15:00	1.49	1.44	0.9	20.89	30.18	1733.68	19.75	101.33	12068.5
683	01/12/2022 14:00	1.74	3.56	1.72	20.93	29.67	1729.7	20.16	101.33	7451.28
684	01/12/2022 13:00	1.84	1.33	0.83	20.97	28.46	1703.45	19.74	101.33	1673
685	01/12/2022 12:00	1.94	1.56	0.97	21	28.21	1745.21	20.27	101.33	1701.73
686	01/12/2022 11:00	2.56	1.58	0.99	21.02	27.58	1757.94	20.39	101.33	11301.01
687	01/12/2022 10:00	2.29	1.52	0.92	21.02	27.14	4128.83	20.38	101.33	1712.87
688	01/12/2022 9:00	12.17	1.54	0.94	21.01	28.19	2138.57	20.27	101.33	1709.69
689	01/12/2022 8:00	2.21	2.45	1.43	20.94	28.41	1745.21	19.76	101.33	1720.03
690	01/12/2022 7:00	1.42	1.48	0.95	20.98	28.24	1721.24	19.74	101.33	1687.37
691	01/12/2022 6:00	1.56	1.64	1.02	20.96	28.01	1734	19.88	101.33	1710.24
692	01/12/2022 5:00	1.57	1.63	0.98	20.93	27.74	1739.46	20.44	101.33	1716.02
693	01/12/2022 4:00	1.54	1.6	1.01	20.94	26.98	1747.2	21.01	101.33	1702.92
694	01/12/2022 3:00	1.58	1.59	1.02	20.93	26.79	1763.51	21.59	101.33	1720.82
695	01/12/2022 2:00	1.62	2.71	1.43	20.95	26.43	1776.63	22.13	101.33	1735.55
696	01/12/2022 1:00	1.52	1.54	0.96	20.98	26.26	1775.03	22.68	101.33	1705.31
697	01/12/2022 0:00	1.44	1.51	0.91	20.99	26.17	1770.26	22.99	101.33	1698.54
QCVN 51/2017/BTNMT Bảng 3, cột A1 Kp = 0,8; Kv = 0,8		640	544	320	-	128	-	-	-	-