



M5 East Motorway
Report 5: In-Stack Air Quality Monitoring
September 2021

Document Control

Revision History

Version	Issue date	By	Comments
001	6.10.2021	K.Guven	V1

References

Document name	Version	Abbreviation

Summary

- This report displays data as received directly from the monitoring instruments for PM10, NO, NO2, NOx, temperature and volumetric flow rate as per the requirements of the Minister's Conditions of Approval #72 and Schedule 1.7 (operational stage). Measurements for NO and NO2 are displayed for information purposes only.
- No ventilation stack related exceedances occurred during September 2021.
- PM10 results recorded negative and zero values throughout the month of September therefore data is erroneous and invalid. Data was not graphed.
- NO results recorded negative values at dates and times listed in table 1, therefore data was erroneous and invalid.
- Raw data as received directly from the Operational Monitoring Control System for PM10, NO, NO2, NOx, temperature and volumetric flow rate are included in Appendix A.

Table 1: Dates and times invalid results were recorded for NO during September 2021

Date	Start Time	Finish Time	Reason data invalid
04-Sep-21	11:00:00 PM	12:00 PM	Non-viable, negative reading
05-Sep-21	12:00:00 AM	1:00 AM	Non-viable, negative reading
05-Sep-21	3:00:00 AM	4:00 AM	Non-viable, negative reading
11-Sep-21	11:00:00 PM	12:00 PM	Non-viable, negative reading
12-Sep-21	12:00:00 AM	1: 00 AM	Non-viable, negative reading
12-Sep-21	3:00:00 AM	5:00 AM	Non-viable, negative reading
15 to 16-Sep-21	11:00:00 AM	11:00 PM	Non-viable, negative reading, flatlined

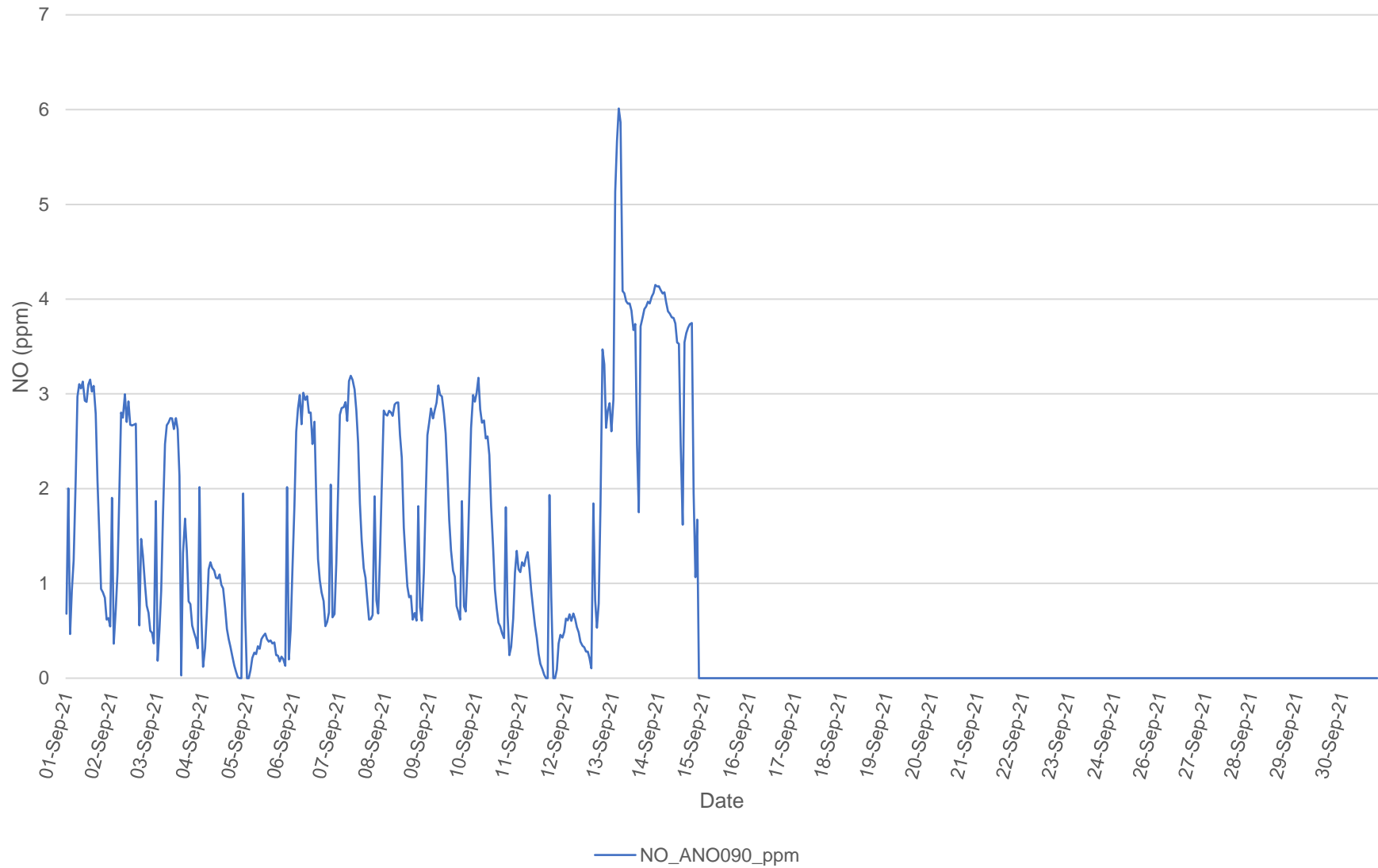


Figure 1: In-stack monitoring, NO results for September 2021 (60min time-weighted average)

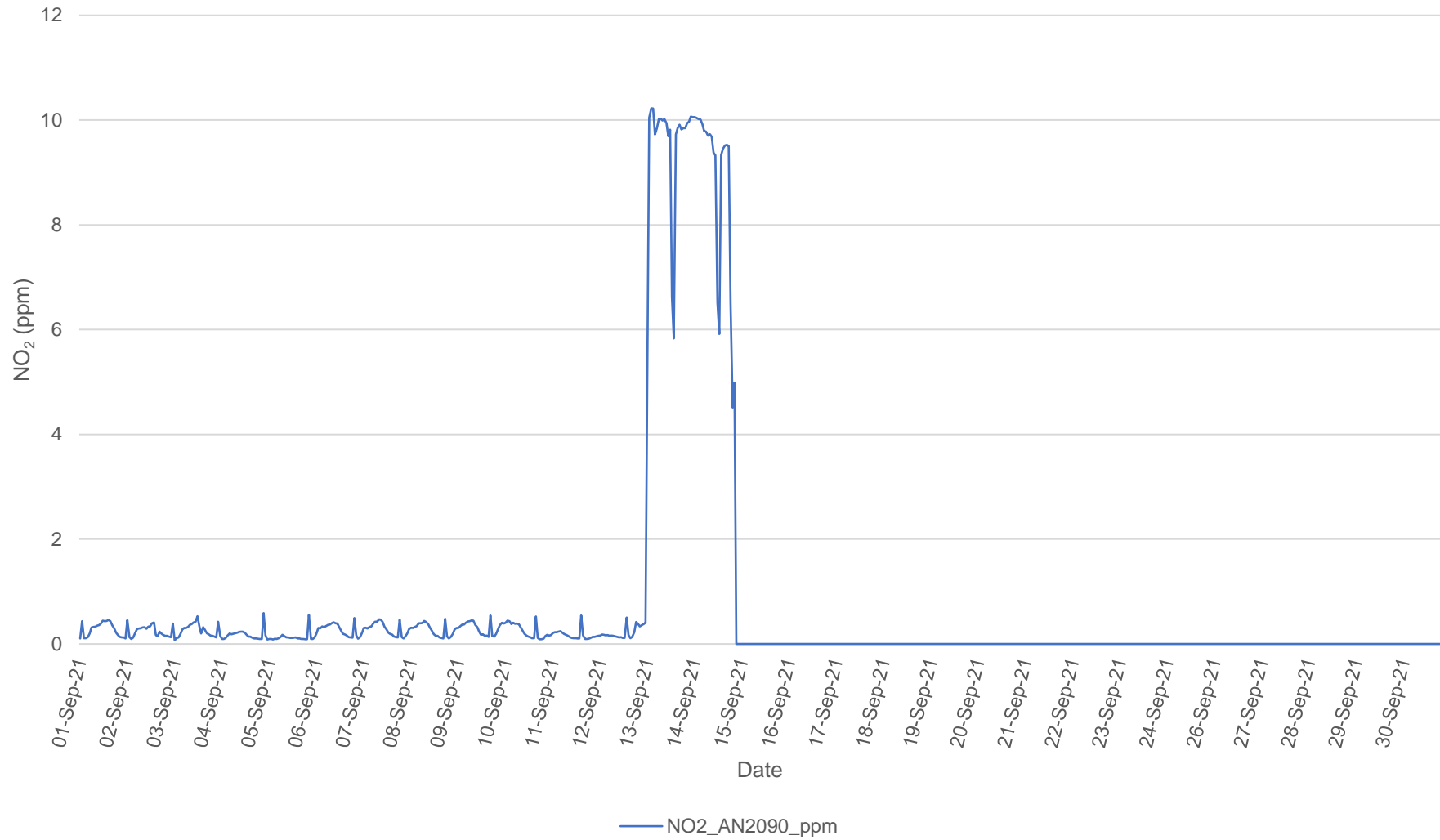


Figure 2: In-stack monitoring, NO₂ results for September 2021 (60min time-weighted average)

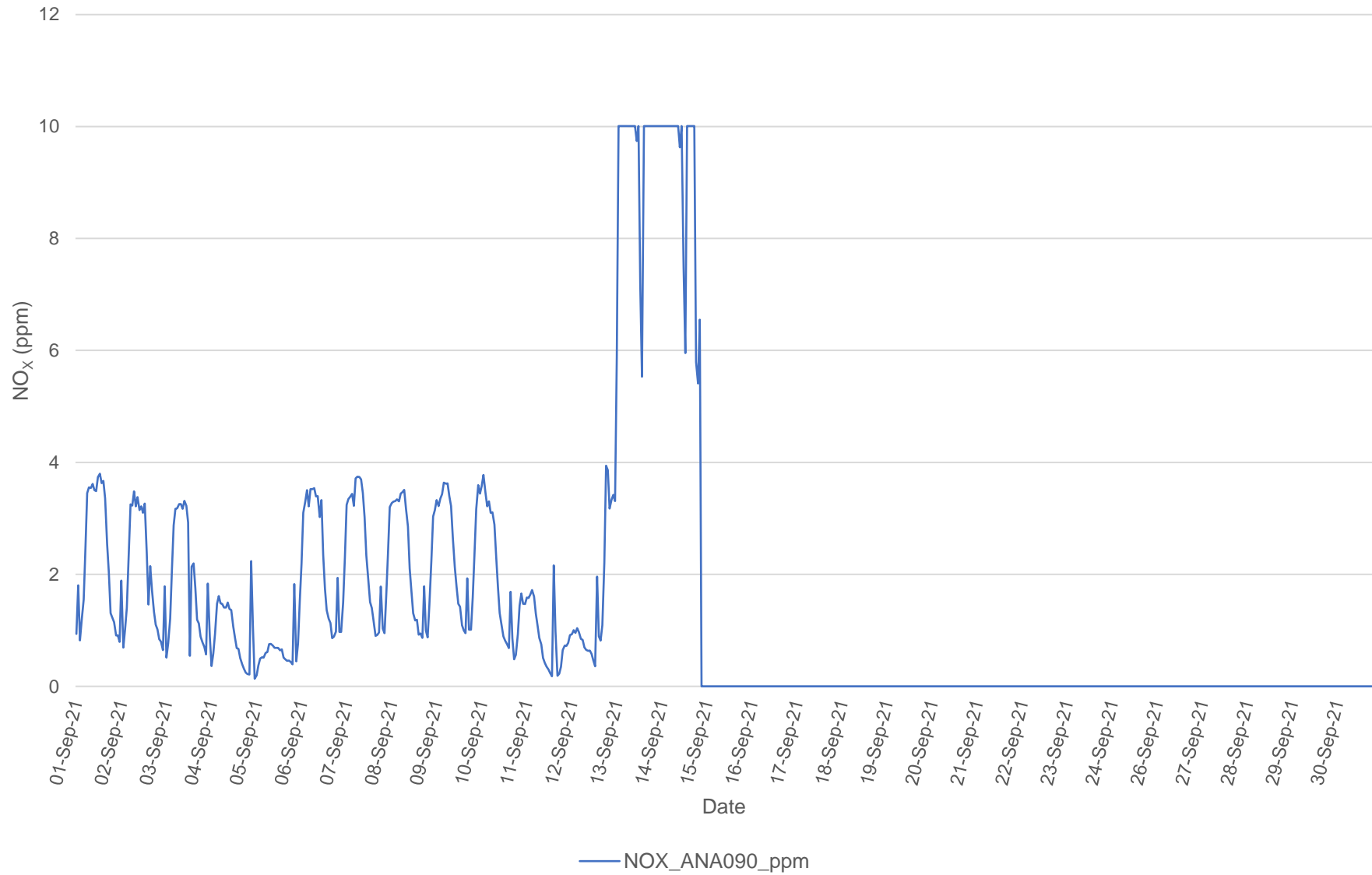


Figure 3: In-stack monitoring, NO_x results for September 2021 (60min time-weighted average)

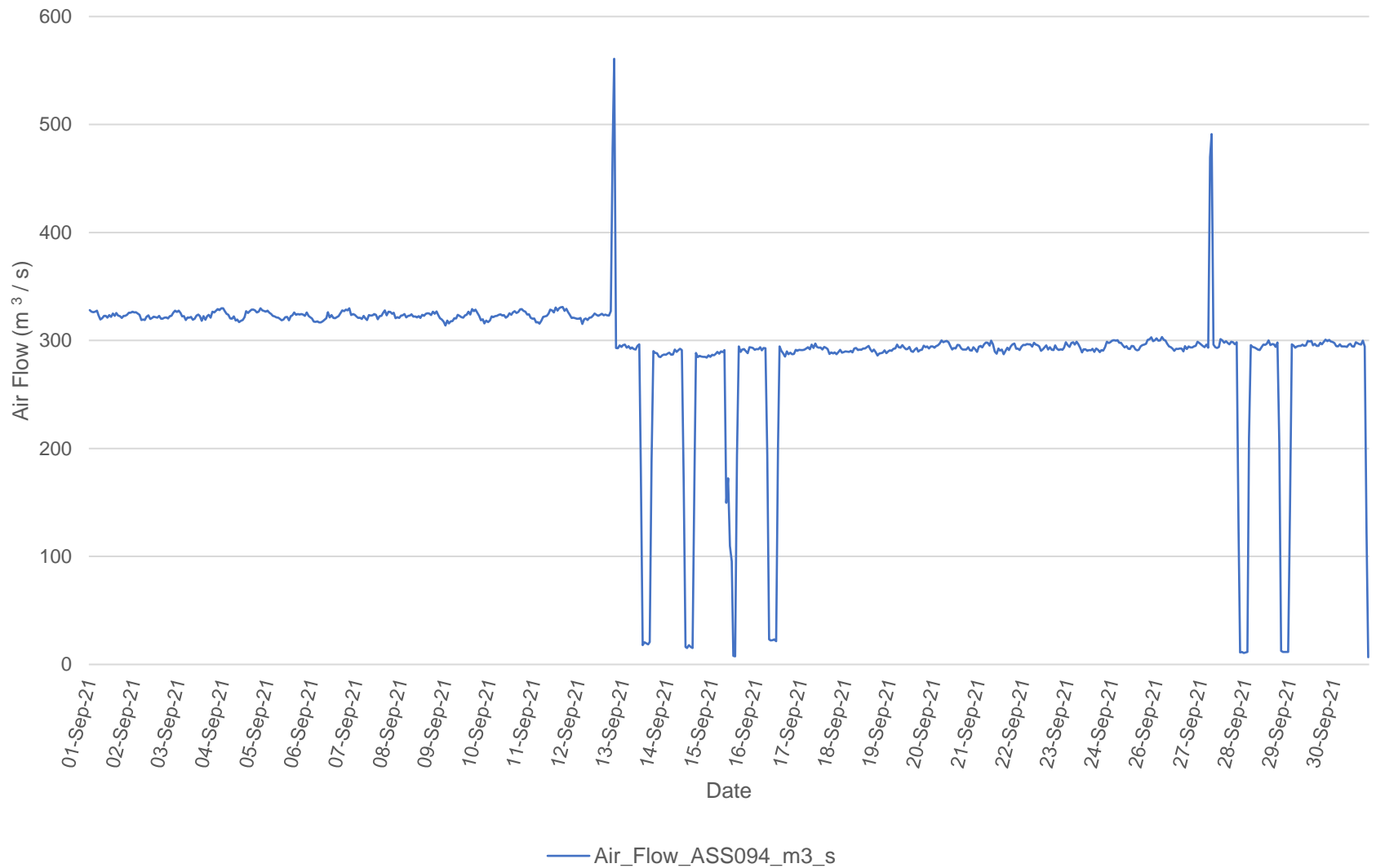


Figure 4: In-stack monitoring, air velocity results for September 2021 (60min time-weighted average)

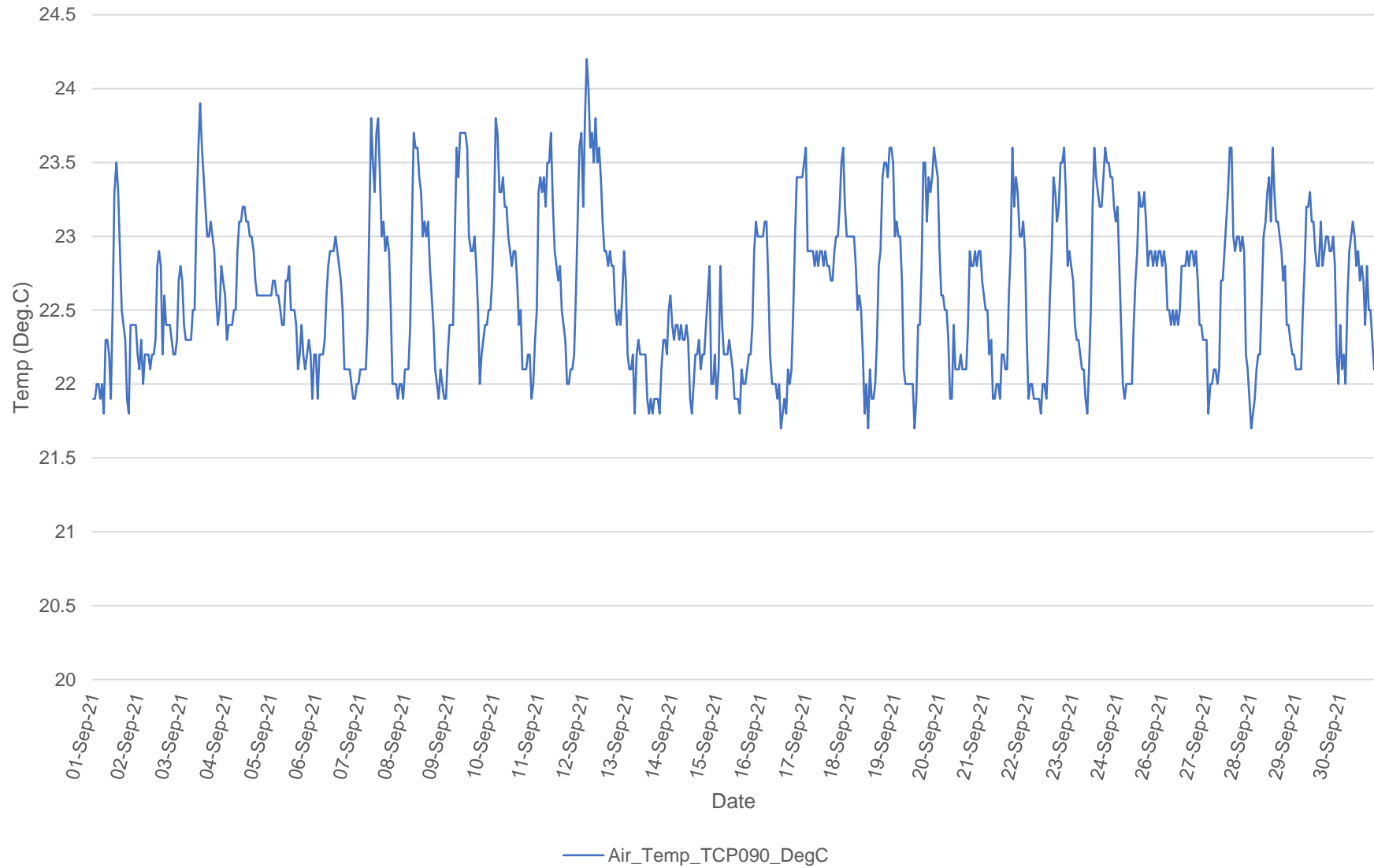


Figure 5: In-stack monitoring, temperature results for September 2021 (60min time-weighted average)

Appendix A: Raw Data September 2021

Date	Time	Number_Exhaust_Fans	Air_Flow_ASS094_m3_s	Air_Temp_TCP_090_DegC	NO_ANO090_ppm	NO2_AN2090_ppm	NOX_ANA090_ppm	PM10_PMT090_ug_m3
01-Sep-21	12:00:00 AM	2	328.1	21.9	0.6808	0.1056	0.9346	0
01-Sep-21	1:00:00 AM	2	326.6	21.9	2.0019	0.4342	1.803	0
01-Sep-21	2:00:00 AM	2	326.3	22	0.4664	0.1082	0.8217	0
01-Sep-21	3:00:00 AM	2	326.7	22	0.9305	0.1105	1.183	0
01-Sep-21	4:00:00 AM	2	327.7	21.9	1.2385	0.1295	1.5523	0
01-Sep-21	5:00:00 AM	2	323.3	22	2.0892	0.2003	2.4631	0
01-Sep-21	6:00:00 AM	2	319.5	21.8	2.9727	0.3134	3.4504	0
01-Sep-21	7:00:00 AM	2	320.7	22.3	3.1021	0.3258	3.5536	0
01-Sep-21	8:00:00 AM	2	322.9	22.3	3.058	0.3305	3.5447	0
01-Sep-21	9:00:00 AM	2	322.8	22.2	3.1297	0.348	3.6149	0
01-Sep-21	10:00:00 AM	2	321	21.9	2.9288	0.3592	3.5059	0
01-Sep-21	11:00:00 AM	2	323.6	22.5	2.9149	0.3873	3.4891	0
01-Sep-21	12:00:00 PM	2	321.9	23.3	3.0983	0.4441	3.7346	0
01-Sep-21	1:00:00 PM	2	325.1	23.5	3.152	0.4329	3.7978	0
01-Sep-21	2:00:00 PM	2	322.9	23.3	3.026	0.4375	3.6315	0
01-Sep-21	3:00:00 PM	2	325.5	22.9	3.0838	0.4591	3.6696	0
01-Sep-21	4:00:00 PM	2	323.1	22.5	2.7895	0.4347	3.3603	0
01-Sep-21	5:00:00 PM	2	322.5	22.4	2.0795	0.3486	2.5417	0
01-Sep-21	6:00:00 PM	2	320.9	22.3	1.5303	0.2945	2.0224	0
01-Sep-21	7:00:00 PM	2	322.9	21.9	0.9415	0.2137	1.3079	0
01-Sep-21	8:00:00 PM	2	322.9	21.8	0.9064	0.1692	1.224	0
01-Sep-21	9:00:00 PM	2	323.7	22.4	0.8494	0.1335	1.1472	0
01-Sep-21	10:00:00 PM	2	325.6	22.4	0.6169	0.1266	0.9105	0
01-Sep-21	11:00:00 PM	2	325.6	22.4	0.6349	0.1256	0.9095	0
02-Sep-21	12:00:00 AM	2	326.8	22.4	0.5459	0.1057	0.792	0
02-Sep-21	1:00:00 AM	2	325.9	22.2	1.9023	0.4562	1.891	0
02-Sep-21	2:00:00 AM	2	326.3	22.1	0.363	0.1293	0.6906	0
02-Sep-21	3:00:00 AM	2	324.9	22.3	0.7284	0.0968	1.0145	0
02-Sep-21	4:00:00 AM	2	323.7	22	1.1209	0.1198	1.3986	0

02-Sep-21	5:00:00 AM	2	319	22.2	1.9481	0.2016	2.2661	0
02-Sep-21	6:00:00 AM	2	319.5	22.2	2.8025	0.2868	3.2527	0
02-Sep-21	7:00:00 AM	2	319	22.2	2.7499	0.2961	3.2299	0
02-Sep-21	8:00:00 AM	2	322	22.1	2.9961	0.3016	3.4837	0
02-Sep-21	9:00:00 AM	2	323.3	22.2	2.7028	0.3132	3.2142	0
02-Sep-21	10:00:00 AM	2	320	22.2	2.922	0.3185	3.3799	0
02-Sep-21	11:00:00 AM	2	320.8	22.3	2.6745	0.2904	3.1477	0
02-Sep-21	12:00:00 PM	2	322.1	22.8	2.6675	0.3317	3.2143	0
02-Sep-21	1:00:00 PM	2	321.6	22.9	2.6755	0.3337	3.1012	0
02-Sep-21	2:00:00 PM	2	321.2	22.8	2.6858	0.3936	3.2644	0
02-Sep-21	3:00:00 PM	2	322.7	22.2	1.4652	0.4102	2.3853	0
02-Sep-21	4:00:00 PM	2	320.2	22.6	0.5562	0.1687	1.4609	0
02-Sep-21	5:00:00 PM	2	320.2	22.4	1.4694	0.1455	2.1475	0
02-Sep-21	6:00:00 PM	2	321.2	22.4	1.2921	0.2359	1.721	0
02-Sep-21	7:00:00 PM	2	321.3	22.4	0.9945	0.1968	1.3335	0
02-Sep-21	8:00:00 PM	2	320.3	22.3	0.7643	0.1676	1.0991	0
02-Sep-21	9:00:00 PM	2	322.5	22.2	0.6897	0.1569	1.0146	0
02-Sep-21	10:00:00 PM	2	322.7	22.2	0.4999	0.154	0.8453	0
02-Sep-21	11:00:00 PM	2	325.6	22.3	0.4791	0.141	0.8002	0
03-Sep-21	12:00:00 AM	2	327.7	22.7	0.3656	0.1286	0.6473	0
03-Sep-21	1:00:00 AM	2	326.5	22.8	1.8681	0.3886	1.7847	0
03-Sep-21	2:00:00 AM	2	327.7	22.7	0.1852	0.0692	0.5159	0
03-Sep-21	3:00:00 AM	2	325.5	22.4	0.505	0.109	0.7686	0
03-Sep-21	4:00:00 AM	2	322.4	22.3	0.9241	0.1245	1.2094	0
03-Sep-21	5:00:00 AM	2	322.6	22.3	1.7169	0.1894	2.0785	0
03-Sep-21	6:00:00 AM	2	319	22.3	2.471	0.2733	2.8783	0
03-Sep-21	7:00:00 AM	2	321.3	22.3	2.6694	0.3067	3.1694	0
03-Sep-21	8:00:00 AM	2	321.2	22.5	2.6981	0.3067	3.1787	0
03-Sep-21	9:00:00 AM	2	321.8	22.5	2.7433	0.3238	3.2546	0
03-Sep-21	10:00:00 AM	2	319.2	23.1	2.7425	0.3628	3.2539	0
03-Sep-21	11:00:00 AM	2	320.1	23.6	2.6298	0.3797	3.1712	0
03-Sep-21	12:00:00 PM	2	323	23.9	2.7441	0.4091	3.3143	0
03-Sep-21	1:00:00 PM	2	324	23.6	2.6265	0.4251	3.2246	0

03-Sep-21	2:00:00 PM	2	322.5	23.4	2.1333	0.5297	2.9257	0
03-Sep-21	3:00:00 PM	2	318.3	23.2	0.0292	0.3465	0.5461	0
03-Sep-21	4:00:00 PM	2	322.5	23	1.3195	0.1999	2.1378	0
03-Sep-21	5:00:00 PM	2	319.2	23	1.6842	0.3199	2.1971	0
03-Sep-21	6:00:00 PM	2	322.6	23.1	1.3441	0.2655	1.7566	0
03-Sep-21	7:00:00 PM	2	323.8	23	0.8099	0.2026	1.1888	0
03-Sep-21	8:00:00 PM	2	321	22.9	0.7806	0.187	1.1229	0
03-Sep-21	9:00:00 PM	2	326.7	22.6	0.5562	0.1618	0.8881	0
03-Sep-21	10:00:00 PM	2	326	22.4	0.4767	0.1542	0.7828	0
03-Sep-21	11:00:00 PM	2	327.7	22.5	0.418	0.1403	0.7064	0
04-Sep-21	12:00:00 AM	2	329.1	22.8	0.3155	0.1241	0.5702	0
04-Sep-21	1:00:00 AM	2	328.1	22.7	2.0171	0.4244	1.8354	0
04-Sep-21	2:00:00 AM	2	329.8	22.6	0.6746	0.1536	0.8895	0
04-Sep-21	3:00:00 AM	2	329.8	22.3	0.1214	0.0972	0.3636	0
04-Sep-21	4:00:00 AM	2	327	22.4	0.3177	0.0932	0.5829	0
04-Sep-21	5:00:00 AM	2	324.8	22.4	0.6945	0.1172	0.9394	0
04-Sep-21	6:00:00 AM	2	323.9	22.4	1.1494	0.1645	1.4738	0
04-Sep-21	7:00:00 AM	2	320.5	22.5	1.2221	0.2013	1.6124	0
04-Sep-21	8:00:00 AM	2	320.1	22.5	1.1631	0.1828	1.4834	0
04-Sep-21	9:00:00 AM	2	322.3	22.9	1.1351	0.1928	1.4714	0
04-Sep-21	10:00:00 AM	2	318.5	23.1	1.0586	0.2038	1.4065	0
04-Sep-21	11:00:00 AM	2	319.4	23.1	1.0516	0.2158	1.4098	0
04-Sep-21	12:00:00 PM	2	316.9	23.2	1.0941	0.231	1.499	0
04-Sep-21	1:00:00 PM	2	318.3	23.2	0.9856	0.2324	1.3828	0
04-Sep-21	2:00:00 PM	2	319	23.1	0.9466	0.2352	1.3629	0
04-Sep-21	3:00:00 PM	2	321.6	23.1	0.7389	0.2131	1.0718	0
04-Sep-21	4:00:00 PM	2	327.1	23	0.5198	0.1744	0.8708	0
04-Sep-21	5:00:00 PM	2	325.5	23	0.4126	0.1407	0.6819	0
04-Sep-21	6:00:00 PM	2	327.1	22.9	0.3281	0.1418	0.6684	0
04-Sep-21	7:00:00 PM	2	328.7	22.7	0.2363	0.1203	0.5044	0
04-Sep-21	8:00:00 PM	2	328.7	22.6	0.1342	0.1053	0.3952	0
04-Sep-21	9:00:00 PM	2	327.9	22.6	0.0674	0.1066	0.3138	0
04-Sep-21	10:00:00 PM	2	326	22.6	0.0083	0.0986	0.2483	0

04-Sep-21	11:00:00 PM	2	326.6	22.6	-0.0242	0.0973	0.2216	0
05-Sep-21	12:00:00 AM	2	329.8	22.6	-0.0308	0.0968	0.2112	0
05-Sep-21	1:00:00 AM	2	327.9	22.6	1.9496	0.5892	2.2373	0
05-Sep-21	2:00:00 AM	2	327.3	22.6	0.6554	0.1635	1.0752	0
05-Sep-21	3:00:00 AM	2	326.6	22.6	-0.0882	0.0872	0.1337	0
05-Sep-21	4:00:00 AM	2	327.7	22.6	-0.0577	0.096	0.1987	0
05-Sep-21	5:00:00 AM	2	325.8	22.7	0.0842	0.0967	0.3752	0
05-Sep-21	6:00:00 AM	2	324.5	22.7	0.2127	0.0851	0.4968	0
05-Sep-21	7:00:00 AM	2	322.9	22.6	0.2692	0.1004	0.52	0
05-Sep-21	8:00:00 AM	2	322.4	22.6	0.2549	0.0931	0.5149	0
05-Sep-21	9:00:00 AM	2	321.4	22.5	0.336	0.1078	0.5983	0
05-Sep-21	10:00:00 AM	2	321.1	22.4	0.3097	0.133	0.6099	0
05-Sep-21	11:00:00 AM	2	320	22.4	0.4114	0.1745	0.7541	0
05-Sep-21	12:00:00 PM	2	318.8	22.7	0.4438	0.1474	0.7591	0
05-Sep-21	1:00:00 PM	2	319.5	22.7	0.4712	0.1238	0.7278	0
05-Sep-21	2:00:00 PM	2	321.5	22.8	0.4132	0.123	0.6866	0
05-Sep-21	3:00:00 PM	2	321.9	22.5	0.3851	0.1132	0.6859	0
05-Sep-21	4:00:00 PM	2	318.6	22.5	0.3979	0.1141	0.6862	0
05-Sep-21	5:00:00 PM	2	322.5	22.5	0.3652	0.1201	0.6427	0
05-Sep-21	6:00:00 PM	2	323.4	22.4	0.3784	0.1244	0.6619	0
05-Sep-21	7:00:00 PM	2	326	22.1	0.2434	0.107	0.515	0
05-Sep-21	8:00:00 PM	2	323.9	22.2	0.2382	0.1045	0.481	0
05-Sep-21	9:00:00 PM	2	324.5	22.4	0.1774	0.0955	0.4566	0
05-Sep-21	10:00:00 PM	2	324.1	22.2	0.2285	0.0929	0.4619	0
05-Sep-21	11:00:00 PM	2	324.6	22.1	0.2002	0.0902	0.4316	0
06-Sep-21	12:00:00 AM	2	324	22.2	0.1301	0.0895	0.3939	0
06-Sep-21	1:00:00 AM	2	322.9	22.3	2.0171	0.5539	1.8265	0
06-Sep-21	2:00:00 AM	2	326	22.2	0.1974	0.0952	0.4462	0
06-Sep-21	3:00:00 AM	2	322.7	21.9	0.5059	0.0958	0.7665	0
06-Sep-21	4:00:00 AM	2	321.6	22.2	1.1358	0.1233	1.5219	0
06-Sep-21	5:00:00 AM	2	320.3	22.2	1.8204	0.2001	2.1889	0
06-Sep-21	6:00:00 AM	2	317.4	21.9	2.5995	0.3022	3.0995	0
06-Sep-21	7:00:00 AM	2	317.2	22.2	2.8463	0.3001	3.2992	0

06-Sep-21	8:00:00 AM	2	317.8	22.2	2.9868	0.3357	3.5043	0
06-Sep-21	9:00:00 AM	2	316.8	22.2	2.6792	0.3215	3.2157	0
06-Sep-21	10:00:00 AM	2	316.7	22.3	3.0114	0.3395	3.525	0
06-Sep-21	11:00:00 AM	2	317.8	22.6	2.9376	0.3644	3.5246	0
06-Sep-21	12:00:00 PM	2	319.3	22.8	2.9774	0.3676	3.5424	0
06-Sep-21	1:00:00 PM	2	320.6	22.9	2.8008	0.3952	3.3923	0
06-Sep-21	2:00:00 PM	2	326.3	22.9	2.803	0.4122	3.3983	0
06-Sep-21	3:00:00 PM	2	321.3	22.9	2.47	0.3943	3.0261	0
06-Sep-21	4:00:00 PM	2	323.5	23	2.7077	0.3877	3.3258	0
06-Sep-21	5:00:00 PM	2	320.8	22.9	1.8941	0.3209	2.3452	0
06-Sep-21	6:00:00 PM	2	320.7	22.8	1.2554	0.2544	1.7451	0
06-Sep-21	7:00:00 PM	2	321.6	22.7	1.0329	0.1965	1.3609	0
06-Sep-21	8:00:00 PM	2	322.5	22.5	0.9051	0.1803	1.2075	0
06-Sep-21	9:00:00 PM	2	325.2	22.1	0.8131	0.1587	1.1331	0
06-Sep-21	10:00:00 PM	2	327.8	22.1	0.5487	0.1312	0.8617	0
06-Sep-21	11:00:00 PM	2	327.1	22.1	0.5932	0.1225	0.8859	0
07-Sep-21	12:00:00 AM	2	328.5	22.1	0.6942	0.1175	0.9779	0
07-Sep-21	1:00:00 AM	2	327.8	22	2.0439	0.493	1.9396	0
07-Sep-21	2:00:00 AM	2	329.9	21.9	0.6416	0.1652	0.9738	0
07-Sep-21	3:00:00 AM	2	323.5	21.9	0.6765	0.0995	0.97	0
07-Sep-21	4:00:00 AM	2	324.5	22	1.2128	0.1348	1.4961	0
07-Sep-21	5:00:00 AM	2	323.9	22	1.9698	0.211	2.3002	0
07-Sep-21	6:00:00 AM	2	322.3	22.1	2.7791	0.3068	3.2408	0
07-Sep-21	7:00:00 AM	2	320.8	22.1	2.8509	0.3118	3.3443	0
07-Sep-21	8:00:00 AM	2	321.1	22.1	2.8598	0.2966	3.383	0
07-Sep-21	9:00:00 AM	2	319.8	22.1	2.9116	0.3247	3.4403	0
07-Sep-21	10:00:00 AM	2	322.9	22.4	2.7142	0.3328	3.2251	0
07-Sep-21	11:00:00 AM	2	320.6	23.1	3.1341	0.3885	3.7121	0
07-Sep-21	12:00:00 PM	2	318.9	23.8	3.1911	0.4247	3.7442	0
07-Sep-21	1:00:00 PM	2	323.6	23.5	3.1487	0.4251	3.7394	0
07-Sep-21	2:00:00 PM	2	323	23.3	3.0467	0.4695	3.6966	0
07-Sep-21	3:00:00 PM	2	323.2	23.7	2.8212	0.4663	3.4549	0
07-Sep-21	4:00:00 PM	2	324.4	23.8	2.4819	0.4194	3.0243	0

07-Sep-21	5:00:00 PM	2	323.9	23.4	1.8456	0.3311	2.3383	0
07-Sep-21	6:00:00 PM	2	319.7	23	1.4535	0.2758	1.8972	0
07-Sep-21	7:00:00 PM	2	322.5	23.1	1.1624	0.2135	1.5066	0
07-Sep-21	8:00:00 PM	2	322.9	22.9	1.0609	0.1875	1.4006	0
07-Sep-21	9:00:00 PM	2	325.5	23	0.8326	0.1809	1.173	0
07-Sep-21	10:00:00 PM	2	328	22.9	0.6173	0.1409	0.9024	0
07-Sep-21	11:00:00 PM	2	323.4	22.5	0.6244	0.1316	0.9199	0
08-Sep-21	12:00:00 AM	2	326.8	22	0.6661	0.1274	0.9633	0
08-Sep-21	1:00:00 AM	2	326.5	22	1.9191	0.4638	1.7805	0
08-Sep-21	2:00:00 AM	2	324.8	22	0.8229	0.1296	1.0289	0
08-Sep-21	3:00:00 AM	2	325.6	21.9	0.6828	0.1057	0.9498	0
08-Sep-21	4:00:00 AM	2	320.7	22	1.2787	0.143	1.6312	0
08-Sep-21	5:00:00 AM	2	321.6	22	2.0172	0.1987	2.3827	0
08-Sep-21	6:00:00 AM	2	320.9	21.9	2.8233	0.2871	3.2022	0
08-Sep-21	7:00:00 AM	2	323	22.1	2.7837	0.3083	3.2714	0
08-Sep-21	8:00:00 AM	2	323.4	22.1	2.7703	0.3033	3.2996	0
08-Sep-21	9:00:00 AM	2	324.6	22.1	2.8226	0.3238	3.3093	0
08-Sep-21	10:00:00 AM	2	321.4	22.4	2.8048	0.3402	3.3394	0
08-Sep-21	11:00:00 AM	2	322.9	23.1	2.7672	0.3953	3.3053	0
08-Sep-21	12:00:00 PM	2	323.1	23.7	2.8877	0.394	3.4416	0
08-Sep-21	1:00:00 PM	2	324.2	23.6	2.9074	0.4017	3.4697	0
08-Sep-21	2:00:00 PM	2	322.2	23.6	2.9105	0.4375	3.509	0
08-Sep-21	3:00:00 PM	2	322.3	23.4	2.5646	0.4184	3.1812	0
08-Sep-21	4:00:00 PM	2	321.4	23.3	2.3259	0.3809	2.8554	0
08-Sep-21	5:00:00 PM	2	322.6	23	1.5863	0.3116	2.1007	0
08-Sep-21	6:00:00 PM	2	320.9	23.1	1.2636	0.2547	1.699	0
08-Sep-21	7:00:00 PM	2	323.8	23	0.9686	0.1889	1.3061	0
08-Sep-21	8:00:00 PM	2	322.8	23.1	0.8526	0.1524	1.1764	0
08-Sep-21	9:00:00 PM	2	324.8	22.8	0.8709	0.1525	1.1887	0
08-Sep-21	10:00:00 PM	2	325.2	22.6	0.6171	0.1268	0.925	0
08-Sep-21	11:00:00 PM	2	325.1	22.4	0.6871	0.1146	0.9445	0
09-Sep-21	12:00:00 AM	2	323.5	22.1	0.607	0.1074	0.8654	0
09-Sep-21	1:00:00 AM	2	326.6	22	1.8152	0.4779	1.786	0

09-Sep-21	2:00:00 AM	2	324.7	21.9	0.7497	0.1462	0.9942	0
09-Sep-21	3:00:00 AM	2	327	22.1	0.6069	0.1045	0.8734	0
09-Sep-21	4:00:00 AM	2	323.8	22	1.1163	0.1309	1.4508	0
09-Sep-21	5:00:00 AM	2	320.7	21.9	1.8705	0.1883	2.2472	0
09-Sep-21	6:00:00 AM	2	319.4	21.9	2.5649	0.2755	3.0346	0
09-Sep-21	7:00:00 AM	2	317.6	22.2	2.6985	0.3047	3.1504	0
09-Sep-21	8:00:00 AM	2	313.8	22.4	2.8451	0.3053	3.3289	0
09-Sep-21	9:00:00 AM	2	318.4	22.4	2.7402	0.342	3.2212	0
09-Sep-21	10:00:00 AM	2	315.7	22.4	2.8295	0.368	3.3552	0
09-Sep-21	11:00:00 AM	2	317.7	23	2.9081	0.3699	3.4338	0
09-Sep-21	12:00:00 PM	2	317.9	23.6	3.0906	0.4045	3.6394	0
09-Sep-21	1:00:00 PM	2	320.6	23.4	2.9872	0.4286	3.6215	0
09-Sep-21	2:00:00 PM	2	320.5	23.7	2.9756	0.4352	3.627	0
09-Sep-21	3:00:00 PM	2	323.7	23.7	2.7984	0.4517	3.3987	0
09-Sep-21	4:00:00 PM	2	322.9	23.7	2.5815	0.4468	3.2222	0
09-Sep-21	5:00:00 PM	2	321.6	23.7	2.1588	0.3664	2.665	0
09-Sep-21	6:00:00 PM	2	321.2	23.6	1.6682	0.3174	2.1295	0
09-Sep-21	7:00:00 PM	2	323.3	23	1.3494	0.2368	1.7822	0
09-Sep-21	8:00:00 PM	2	323.9	22.9	1.134	0.1773	1.477	0
09-Sep-21	9:00:00 PM	2	326.7	22.9	1.0719	0.1824	1.4234	0
09-Sep-21	10:00:00 PM	2	324.1	23	0.7596	0.1555	1.0905	0
09-Sep-21	11:00:00 PM	2	329	22.8	0.6966	0.1618	0.9988	0
10-Sep-21	12:00:00 AM	2	327.2	22.5	0.6173	0.1371	0.9505	0
10-Sep-21	1:00:00 AM	2	328.7	22	1.8673	0.5427	1.928	0
10-Sep-21	2:00:00 AM	2	325.8	22.2	0.7604	0.149	1.0117	0
10-Sep-21	3:00:00 AM	2	322.8	22.3	0.704	0.1374	1.013	0
10-Sep-21	4:00:00 AM	2	318.8	22.4	1.2138	0.1957	1.59	0
10-Sep-21	5:00:00 AM	2	319.7	22.4	1.938	0.2801	2.3641	0
10-Sep-21	6:00:00 AM	2	315.8	22.5	2.6405	0.3579	3.1688	0
10-Sep-21	7:00:00 AM	2	318.4	22.5	2.9879	0.4053	3.5952	0
10-Sep-21	8:00:00 AM	2	317	22.7	2.9181	0.3904	3.4434	0
10-Sep-21	9:00:00 AM	2	318.5	23.1	3.0083	0.4065	3.5813	0
10-Sep-21	10:00:00 AM	2	322.3	23.8	3.171	0.4435	3.7762	0

10-Sep-21	11:00:00 AM	2	321.6	23.7	2.8388	0.4335	3.4606	0
10-Sep-21	12:00:00 PM	2	322.6	23.3	2.6954	0.3788	3.215	0
10-Sep-21	1:00:00 PM	2	322.8	23.3	2.7209	0.4059	3.3026	0
10-Sep-21	2:00:00 PM	2	323.8	23.4	2.5288	0.3827	3.0989	0
10-Sep-21	3:00:00 PM	2	324.3	23.2	2.5525	0.388	3.1096	0
10-Sep-21	4:00:00 PM	2	323.1	23.2	2.3561	0.3762	2.8927	0
10-Sep-21	5:00:00 PM	2	323.6	23	1.8155	0.3149	2.3206	0
10-Sep-21	6:00:00 PM	2	321.1	22.9	1.3761	0.2525	1.7834	0
10-Sep-21	7:00:00 PM	2	322.4	22.8	0.9337	0.1933	1.3113	0
10-Sep-21	8:00:00 PM	2	325.2	22.9	0.7391	0.1598	1.0829	0
10-Sep-21	9:00:00 PM	2	323.7	22.9	0.585	0.1397	0.8907	0
10-Sep-21	10:00:00 PM	2	326	22.7	0.5467	0.1284	0.818	0
10-Sep-21	11:00:00 PM	2	327.2	22.4	0.4762	0.1123	0.7582	0
11-Sep-21	12:00:00 AM	2	325.4	22.5	0.4229	0.1079	0.6845	0
11-Sep-21	1:00:00 AM	2	326.5	22.1	1.803	0.5225	1.689	0
11-Sep-21	2:00:00 AM	2	328.9	22.1	0.6701	0.1163	0.8583	0
11-Sep-21	3:00:00 AM	2	329.2	22.1	0.2439	0.0885	0.4847	0
11-Sep-21	4:00:00 AM	2	327.5	22.2	0.3309	0.09	0.5623	0
11-Sep-21	5:00:00 AM	2	326.7	22.2	0.6269	0.098	0.9315	0
11-Sep-21	6:00:00 AM	2	324.1	21.9	1.114	0.1507	1.4433	0
11-Sep-21	7:00:00 AM	2	324.3	22	1.3448	0.1739	1.6561	0
11-Sep-21	8:00:00 AM	2	321.2	22.3	1.1484	0.158	1.4732	0
11-Sep-21	9:00:00 AM	2	320.1	22.5	1.1179	0.1692	1.4711	0
11-Sep-21	10:00:00 AM	2	320.4	23.3	1.2221	0.2075	1.5883	0
11-Sep-21	11:00:00 AM	2	316.8	23.4	1.1823	0.2249	1.5756	0
11-Sep-21	12:00:00 PM	2	316.9	23.3	1.2677	0.2266	1.6395	0
11-Sep-21	1:00:00 PM	2	315.6	23.4	1.3311	0.2344	1.7183	0
11-Sep-21	2:00:00 PM	2	318.1	23.2	1.15	0.2429	1.6025	0
11-Sep-21	3:00:00 PM	2	321.8	23.5	0.9271	0.2132	1.3031	0
11-Sep-21	4:00:00 PM	2	322.3	23.5	0.7217	0.1875	1.0875	0
11-Sep-21	5:00:00 PM	2	322.9	23.7	0.554	0.1767	0.8641	0
11-Sep-21	6:00:00 PM	2	325.1	23.2	0.4282	0.157	0.7485	0
11-Sep-21	7:00:00 PM	2	328.6	22.9	0.2591	0.1312	0.5078	0

11-Sep-21	8:00:00 PM	2	328	22.8	0.1511	0.1171	0.4181	0
11-Sep-21	9:00:00 PM	2	326	22.7	0.0962	0.1111	0.3546	0
11-Sep-21	10:00:00 PM	2	330.6	22.8	0.0377	0.1112	0.3013	0
11-Sep-21	11:00:00 PM	2	327.7	22.5	-0.0109	0.1066	0.232	0
12-Sep-21	12:00:00 AM	2	329.9	22.4	-0.0662	0.1027	0.1793	0
12-Sep-21	1:00:00 AM	2	330.9	22.3	1.9332	0.5447	2.1609	0
12-Sep-21	2:00:00 AM	2	331	22	0.8533	0.1633	0.9778	0
12-Sep-21	3:00:00 AM	2	327.3	22	-0.0691	0.0936	0.1874	0
12-Sep-21	4:00:00 AM	2	329.4	22.1	-0.0328	0.0953	0.226	0
12-Sep-21	5:00:00 AM	2	326.5	22.1	0.0898	0.099	0.3468	0
12-Sep-21	6:00:00 AM	2	323.7	22.2	0.3656	0.1142	0.6484	0
12-Sep-21	7:00:00 AM	2	320.9	22.6	0.4582	0.134	0.7256	0
12-Sep-21	8:00:00 AM	2	321	23.1	0.4272	0.1369	0.7233	0
12-Sep-21	9:00:00 AM	2	320.6	23.6	0.4864	0.1444	0.7747	0
12-Sep-21	10:00:00 AM	2	320.2	23.7	0.6299	0.1551	0.9125	0
12-Sep-21	11:00:00 AM	2	320.1	23.2	0.6111	0.1599	0.9305	0
12-Sep-21	12:00:00 PM	2	320.9	23.8	0.6731	0.1809	1.0018	0
12-Sep-21	1:00:00 PM	2	315.4	24.2	0.6038	0.1772	0.9527	0
12-Sep-21	2:00:00 PM	2	319.7	24	0.6832	0.1664	1.0394	0
12-Sep-21	3:00:00 PM	2	320.5	23.6	0.627	0.1704	0.9695	0
12-Sep-21	4:00:00 PM	2	319	23.7	0.5369	0.1543	0.8492	0
12-Sep-21	5:00:00 PM	2	321	23.5	0.4849	0.1575	0.8279	0
12-Sep-21	6:00:00 PM	2	321.3	23.8	0.3854	0.1543	0.6976	0
12-Sep-21	7:00:00 PM	2	323.1	23.5	0.342	0.1452	0.652	0
12-Sep-21	8:00:00 PM	2	324.9	23.6	0.3254	0.1361	0.6332	0
12-Sep-21	9:00:00 PM	2	323.8	23.4	0.2796	0.1265	0.6382	0
12-Sep-21	10:00:00 PM	2	322.9	23.1	0.2798	0.1275	0.5766	0
12-Sep-21	11:00:00 PM	2	323.8	22.9	0.2075	0.115	0.4601	0
13-Sep-21	12:00:00 AM	2	324.7	22.9	0.1049	0.1146	0.3598	0
13-Sep-21	1:00:00 AM	2	323.4	22.8	1.8435	0.506	1.9619	0
13-Sep-21	2:00:00 AM	2	324.1	22.9	0.8218	0.1685	0.8907	0
13-Sep-21	3:00:00 AM	2	323.2	22.8	0.5334	0.1076	0.816	0
13-Sep-21	4:00:00 AM	2	323	22.8	0.7879	0.1361	1.0942	0

13-Sep-21	5:00:00 AM	2	327.1	22.5	1.8243	0.2257	2.21	0
13-Sep-21	6:00:00 AM	2	478.2	22.4	3.4697	0.4192	3.943	0
13-Sep-21	7:00:00 AM	4	560.9	22.5	3.3116	0.387	3.8605	0
13-Sep-21	8:00:00 AM	2	293	22.4	2.6416	0.3367	3.1767	0
13-Sep-21	9:00:00 AM	2	292.9	22.6	2.8283	0.3603	3.3337	0
13-Sep-21	10:00:00 AM	2	295.5	22.9	2.9016	0.3774	3.42	0
13-Sep-21	11:00:00 AM	2	294.1	22.7	2.6049	0.4064	3.3074	0
13-Sep-21	12:00:00 PM	2	295.8	22.2	2.9411	5.306	5.8856	0
13-Sep-21	1:00:00 PM	2	296.1	22.1	5.1324	10.0437	10.0066	0
13-Sep-21	2:00:00 PM	2	293.2	22.1	5.6669	10.2248	10.0078	0
13-Sep-21	3:00:00 PM	2	294.7	22.2	6.0122	10.2209	10.0078	0
13-Sep-21	4:00:00 PM	2	292.3	21.8	5.8663	9.726	10.0065	0
13-Sep-21	5:00:00 PM	2	293.5	22.2	4.0849	9.8354	10.0068	0
13-Sep-21	6:00:00 PM	2	292	22.3	4.0615	10.0218	10.008	0
13-Sep-21	7:00:00 PM	2	291.7	22.2	3.9784	10.0267	10.008	0
13-Sep-21	8:00:00 PM	2	294.9	22.2	3.9511	9.9903	10.008	0
13-Sep-21	9:00:00 PM	2	296.5	22.2	3.9557	10.0205	10.008	0
13-Sep-21	10:00:00 PM	1	179	22.2	3.8784	9.9426	10.008	0
13-Sep-21	11:00:00 PM	0	17.8	21.9	3.6731	9.6906	9.743	0
14-Sep-21	12:00:00 AM	0	20.5	21.8	3.7371	9.8181	10.008	0
14-Sep-21	1:00:00 AM	0	19.6	21.9	2.4655	6.6225	7.1966	0
14-Sep-21	2:00:00 AM	0	18.7	21.8	1.7518	5.8328	5.5293	0
14-Sep-21	3:00:00 AM	0	20.7	21.9	3.7139	9.7267	10.008	0
14-Sep-21	4:00:00 AM	1	188.1	21.9	3.808	9.8493	10.008	0
14-Sep-21	5:00:00 AM	2	290.1	21.9	3.896	9.9121	10.008	0
14-Sep-21	6:00:00 AM	2	288.5	21.8	3.9234	9.8193	10.008	0
14-Sep-21	7:00:00 AM	2	288.3	22.1	3.9738	9.8471	10.008	0
14-Sep-21	8:00:00 AM	2	285.2	22.3	3.955	9.8472	10.008	0
14-Sep-21	9:00:00 AM	2	284.7	22.3	4.0272	9.9386	10.008	0
14-Sep-21	10:00:00 AM	2	286.3	22.2	4.0631	9.9657	10.008	0
14-Sep-21	11:00:00 AM	2	287.1	22.5	4.1501	10.0635	10.008	0
14-Sep-21	12:00:00 PM	2	286.9	22.6	4.1334	10.0533	10.008	0
14-Sep-21	1:00:00 PM	2	288.1	22.4	4.1361	10.0569	10.008	0

14-Sep-21	2:00:00 PM	2	288.7	22.3	4.0962	10.0394	10.008	0
14-Sep-21	3:00:00 PM	2	286.9	22.4	4.0585	10.0211	10.008	0
14-Sep-21	4:00:00 PM	2	287	22.4	4.0724	10.0086	10.008	0
14-Sep-21	5:00:00 PM	2	291.7	22.3	3.9626	9.9268	10.008	0
14-Sep-21	6:00:00 PM	2	289.5	22.4	3.8718	9.7925	10.008	0
14-Sep-21	7:00:00 PM	2	290.9	22.3	3.8473	9.7801	10.008	0
14-Sep-21	8:00:00 PM	2	292.4	22.3	3.806	9.7007	10.008	0
14-Sep-21	9:00:00 PM	2	291.1	22.4	3.8009	9.7326	10.008	0
14-Sep-21	10:00:00 PM	1	169.6	22.3	3.7439	9.6806	10.008	0
14-Sep-21	11:00:00 PM	0	16.1	21.9	3.5428	9.3783	9.6294	0
15-Sep-21	12:00:00 AM	0	15.2	21.8	3.5287	9.3266	10.0072	0
15-Sep-21	1:00:00 AM	0	17.8	22	2.4677	6.5118	7.486	0
15-Sep-21	2:00:00 AM	0	16.1	22.2	1.6193	5.9153	5.9532	0
15-Sep-21	3:00:00 AM	0	15.2	22.2	3.5435	9.3298	10.0075	0
15-Sep-21	4:00:00 AM	1	169.5	22.3	3.64	9.4499	10.0078	0
15-Sep-21	5:00:00 AM	2	288.5	22.1	3.6964	9.5187	10.0077	0
15-Sep-21	6:00:00 AM	2	284.5	22.2	3.7362	9.5257	10.0077	0
15-Sep-21	7:00:00 AM	2	285.7	22.2	3.7484	9.506	10.0075	0
15-Sep-21	8:00:00 AM	2	285.2	22.4	1.9535	6.5099	5.7909	0
15-Sep-21	9:00:00 AM	2	284.9	22.6	1.0643	4.5121	5.4095	0
15-Sep-21	10:00:00 AM	2	284.9	22.8	1.6733	4.9866	6.5492	0
15-Sep-21	11:00:00 AM	2	284.1	22	-2.486	-2.486	-2.484	-168.5
15-Sep-21	12:00:00 PM	2	286.2	22	-2.486	-2.486	-2.484	-370
15-Sep-21	1:00:00 PM	2	284.9	22.2	-2.486	-2.486	-2.484	-370
15-Sep-21	2:00:00 PM	2	286.7	21.9	-2.486	-2.486	-2.484	-370
15-Sep-21	3:00:00 PM	2	286.3	22.1	-2.486	-2.486	-2.484	-370
15-Sep-21	4:00:00 PM	2	287.4	22.8	-2.486	-2.486	-2.484	-370
15-Sep-21	5:00:00 PM	2	289.5	22.4	-2.486	-2.486	-2.484	-370
15-Sep-21	6:00:00 PM	2	287.7	22.2	-2.486	-2.486	-2.484	-370
15-Sep-21	7:00:00 PM	2	289.9	22.2	-2.486	-2.486	-2.484	-370
15-Sep-21	8:00:00 PM	2	289.2	22.2	-2.486	-2.486	-2.484	-370
15-Sep-21	9:00:00 PM	2	291.1	22.3	-2.486	-2.486	-2.484	-370
15-Sep-21	10:00:00 PM	1	149.6	22.2	-2.486	-2.486	-2.484	-370

15-Sep-21	11:00:00 PM	1	172.3	22.1	-2.486	-2.486	-2.484	-370
16-Sep-21	12:00:00 AM	0	109.8	21.9	-2.486	-2.486	-2.484	-370
16-Sep-21	1:00:00 AM	0	95.4	21.9	-2.486	-2.486	-2.484	-370
16-Sep-21	2:00:00 AM	0	7.9	21.9	-2.486	-2.486	-2.484	-370
16-Sep-21	3:00:00 AM	0	7.5	21.8	-2.486	-2.486	-2.484	-370
16-Sep-21	4:00:00 AM	1	193.3	22.1	-2.486	-2.486	-2.484	-370
16-Sep-21	5:00:00 AM	2	294.4	22	-2.486	-2.486	-2.484	-370
16-Sep-21	6:00:00 AM	2	289.4	22	-2.486	-2.486	-2.484	-370
16-Sep-21	7:00:00 AM	2	291.5	22.1	-2.486	-2.486	-2.484	-370
16-Sep-21	8:00:00 AM	2	292.1	22.2	-2.486	-2.486	-2.484	-370
16-Sep-21	9:00:00 AM	2	290.1	22.2	-2.486	-2.486	-2.484	-370
16-Sep-21	10:00:00 AM	2	288.3	22.4	-2.486	-2.486	-2.484	-370
16-Sep-21	11:00:00 AM	2	293.9	22.9	-2.486	-2.486	-2.484	-370
16-Sep-21	12:00:00 PM	2	293.5	23.1	-2.486	-2.486	-2.484	-370
16-Sep-21	1:00:00 PM	2	293.1	23	-2.486	-2.486	-2.484	-370
16-Sep-21	2:00:00 PM	2	291.4	23	-2.486	-2.486	-2.484	-370
16-Sep-21	3:00:00 PM	2	292	23	-2.486	-2.486	-2.484	-370
16-Sep-21	4:00:00 PM	2	291.9	23	-2.486	-2.486	-2.484	-370
16-Sep-21	5:00:00 PM	2	293.7	23.1	-2.486	-2.486	-2.484	-370
16-Sep-21	6:00:00 PM	2	291	23.1	-2.486	-2.486	-2.484	-370
16-Sep-21	7:00:00 PM	2	293.1	22.7	-2.486	-2.486	-2.484	-370
16-Sep-21	8:00:00 PM	2	292.9	22.2	-2.486	-2.486	-2.484	-370
16-Sep-21	9:00:00 PM	1	194.2	22	-2.486	-2.486	-2.484	-370
16-Sep-21	10:00:00 PM	0	23.2	22	-2.486	-2.486	-2.484	-370
16-Sep-21	11:00:00 PM	0	22.3	22	-2.486	-2.486	-2.484	-370
17-Sep-21	12:00:00 AM	0	22.4	21.9	-2.486	-2.486	-2.484	-370
17-Sep-21	1:00:00 AM	0	23.2	22	-2.486	-2.486	-2.484	-370
17-Sep-21	2:00:00 AM	0	21.4	21.7	-2.486	-2.486	-2.484	-370
17-Sep-21	3:00:00 AM	1	200	21.8	-2.486	-2.486	-2.484	-370
17-Sep-21	4:00:00 AM	2	294.6	21.9	-2.486	-2.486	-2.484	-370
17-Sep-21	5:00:00 AM	2	290.5	21.8	-2.486	-2.486	-2.484	-370
17-Sep-21	6:00:00 AM	2	288.1	22.1	-2.486	-2.486	-2.484	-370
17-Sep-21	7:00:00 AM	2	285.2	22	-2.486	-2.486	-2.484	-370

17-Sep-21	8:00:00 AM	2	290	22.1	-2.486	-2.486	-2.484	-370
17-Sep-21	9:00:00 AM	2	287.3	22.5	-2.486	-2.486	-2.484	-370
17-Sep-21	10:00:00 AM	2	288.8	23	-2.486	-2.486	-2.484	-370
17-Sep-21	11:00:00 AM	2	287.3	23.4	-2.486	-2.486	-2.484	-370
17-Sep-21	12:00:00 PM	2	287.5	23.4	-2.486	-2.486	-2.484	-370
17-Sep-21	1:00:00 PM	2	291.4	23.4	-2.486	-2.486	-2.484	-370
17-Sep-21	2:00:00 PM	2	290.4	23.4	-2.486	-2.486	-2.484	-370
17-Sep-21	3:00:00 PM	2	291.4	23.5	-2.486	-2.486	-2.484	-370
17-Sep-21	4:00:00 PM	2	291.2	23.6	-2.486	-2.486	-2.484	-370
17-Sep-21	5:00:00 PM	2	291.2	22.9	-2.486	-2.486	-2.484	-370
17-Sep-21	6:00:00 PM	2	291.5	22.9	-2.486	-2.486	-2.484	-370
17-Sep-21	7:00:00 PM	2	292.6	22.9	-2.486	-2.486	-2.484	-370
17-Sep-21	8:00:00 PM	2	293.8	22.9	-2.486	-2.486	-2.484	-370
17-Sep-21	9:00:00 PM	2	291.9	22.8	-2.486	-2.486	-2.484	-370
17-Sep-21	10:00:00 PM	2	296.2	22.9	-2.486	-2.486	-2.484	-370
17-Sep-21	11:00:00 PM	2	293.1	22.8	-2.486	-2.486	-2.484	-370
18-Sep-21	12:00:00 AM	2	297.2	22.9	-2.486	-2.486	-2.484	-370
18-Sep-21	1:00:00 AM	2	294.1	22.9	-2.486	-2.486	-2.484	-370
18-Sep-21	2:00:00 AM	2	293.3	22.8	-2.486	-2.486	-2.484	-370
18-Sep-21	3:00:00 AM	2	293.5	22.9	-2.486	-2.486	-2.484	-370
18-Sep-21	4:00:00 AM	2	291.5	22.8	-2.486	-2.486	-2.484	-370
18-Sep-21	5:00:00 AM	2	294	22.8	-2.486	-2.486	-2.484	-370
18-Sep-21	6:00:00 AM	2	293.2	22.7	-2.486	-2.486	-2.484	-370
18-Sep-21	7:00:00 AM	2	292.2	22.7	-2.486	-2.486	-2.484	-370
18-Sep-21	8:00:00 AM	2	287.5	22.9	-2.486	-2.486	-2.484	-370
18-Sep-21	9:00:00 AM	2	288.9	23	-2.486	-2.486	-2.484	-370
18-Sep-21	10:00:00 AM	2	288.1	23	-2.486	-2.486	-2.484	-370
18-Sep-21	11:00:00 AM	2	288.9	23.2	-2.486	-2.486	-2.484	-370
18-Sep-21	12:00:00 PM	2	287.2	23.5	-2.486	-2.486	-2.484	-370
18-Sep-21	1:00:00 PM	2	289.1	23.6	-2.486	-2.486	-2.484	-370
18-Sep-21	2:00:00 PM	2	291.3	23.2	-2.486	-2.486	-2.484	-370
18-Sep-21	3:00:00 PM	2	288.8	23	-2.486	-2.486	-2.484	-370
18-Sep-21	4:00:00 PM	2	289.1	23	-2.486	-2.486	-2.484	-370

18-Sep-21	5:00:00 PM	2	290	23	-2.486	-2.486	-2.484	-370
18-Sep-21	6:00:00 PM	2	289.7	23	-2.486	-2.486	-2.484	-370
18-Sep-21	7:00:00 PM	2	289.5	23	-2.486	-2.486	-2.484	-370
18-Sep-21	8:00:00 PM	2	290.4	22.8	-2.486	-2.486	-2.484	-370
18-Sep-21	9:00:00 PM	2	288.9	22.5	-2.486	-2.486	-2.484	-370
18-Sep-21	10:00:00 PM	2	292.7	22.6	-2.486	-2.486	-2.484	-370
18-Sep-21	11:00:00 PM	2	293.1	22.5	-2.486	-2.486	-2.484	-370
19-Sep-21	12:00:00 AM	2	291.2	22.2	-2.486	-2.486	-2.484	-370
19-Sep-21	1:00:00 AM	2	291.7	21.8	-2.486	-2.486	-2.484	-370
19-Sep-21	2:00:00 AM	2	291.3	22	-2.486	-2.486	-2.484	-370
19-Sep-21	3:00:00 AM	2	292.5	21.7	-2.486	-2.486	-2.484	-370
19-Sep-21	4:00:00 AM	2	292.6	22.1	-2.486	-2.486	-2.484	-370
19-Sep-21	5:00:00 AM	2	293.9	21.9	-2.486	-2.486	-2.484	-370
19-Sep-21	6:00:00 AM	2	295	21.9	-2.486	-2.486	-2.484	-370
19-Sep-21	7:00:00 AM	2	291.7	22	-2.486	-2.486	-2.484	-370
19-Sep-21	8:00:00 AM	2	289.6	22.3	-2.486	-2.486	-2.484	-370
19-Sep-21	9:00:00 AM	2	291.7	22.8	-2.486	-2.486	-2.484	-370
19-Sep-21	10:00:00 AM	2	289.3	22.9	-2.486	-2.486	-2.484	-370
19-Sep-21	11:00:00 AM	2	286	23.4	-2.486	-2.486	-2.484	-370
19-Sep-21	12:00:00 PM	2	287.9	23.5	-2.486	-2.486	-2.484	-370
19-Sep-21	1:00:00 PM	2	288.3	23.5	-2.486	-2.486	-2.484	-370
19-Sep-21	2:00:00 PM	2	288.6	23.4	-2.486	-2.486	-2.484	-370
19-Sep-21	3:00:00 PM	2	291	23.6	-2.486	-2.486	-2.484	-370
19-Sep-21	4:00:00 PM	2	288.2	23.6	-2.486	-2.486	-2.484	-370
19-Sep-21	5:00:00 PM	2	290	23.5	-2.486	-2.486	-2.484	-370
19-Sep-21	6:00:00 PM	2	290.9	23	-2.486	-2.486	-2.484	-370
19-Sep-21	7:00:00 PM	2	290.4	23.1	-2.486	-2.486	-2.484	-370
19-Sep-21	8:00:00 PM	2	292.4	23	-2.486	-2.486	-2.484	-370
19-Sep-21	9:00:00 PM	2	292.6	23	-2.486	-2.486	-2.484	-370
19-Sep-21	10:00:00 PM	2	296.3	22.7	-2.486	-2.486	-2.484	-370
19-Sep-21	11:00:00 PM	2	293.9	22.1	-2.486	-2.486	-2.484	-370
20-Sep-21	12:00:00 AM	2	293.3	22	-2.486	-2.486	-2.484	-370
20-Sep-21	1:00:00 AM	2	295.8	22	-2.486	-2.486	-2.484	-370

20-Sep-21	2:00:00 AM	2	293.5	22	-2.486	-2.486	-2.484	-370
20-Sep-21	3:00:00 AM	2	291.9	22	-2.486	-2.486	-2.484	-370
20-Sep-21	4:00:00 AM	2	292	22	-2.486	-2.486	-2.484	-370
20-Sep-21	5:00:00 AM	2	294	21.7	-2.486	-2.486	-2.484	-370
20-Sep-21	6:00:00 AM	2	290.2	21.9	-2.486	-2.486	-2.484	-370
20-Sep-21	7:00:00 AM	2	289.4	22.4	-2.486	-2.486	-2.484	-370
20-Sep-21	8:00:00 AM	2	291.5	22.4	-2.486	-2.486	-2.484	-370
20-Sep-21	9:00:00 AM	2	293.1	22.8	-2.486	-2.486	-2.484	-370
20-Sep-21	10:00:00 AM	2	289.7	23.5	-2.486	-2.486	-2.484	-370
20-Sep-21	11:00:00 AM	2	291.1	23.5	-2.486	-2.486	-2.484	-370
20-Sep-21	12:00:00 PM	2	291.4	23.1	-2.486	-2.486	-2.484	-370
20-Sep-21	1:00:00 PM	2	295.2	23.4	-2.486	-2.486	-2.484	-370
20-Sep-21	2:00:00 PM	2	293.7	23.3	-2.486	-2.486	-2.484	-370
20-Sep-21	3:00:00 PM	2	294.5	23.4	-2.486	-2.486	-2.484	-370
20-Sep-21	4:00:00 PM	2	292.5	23.6	-2.486	-2.486	-2.484	-370
20-Sep-21	5:00:00 PM	2	294.4	23.5	-2.486	-2.486	-2.484	-370
20-Sep-21	6:00:00 PM	2	294.4	23.4	-2.486	-2.486	-2.484	-370
20-Sep-21	7:00:00 PM	2	293.2	22.9	-2.486	-2.486	-2.484	-370
20-Sep-21	8:00:00 PM	2	294.8	22.6	-2.486	-2.486	-2.484	-370
20-Sep-21	9:00:00 PM	2	295.6	22.6	-2.486	-2.486	-2.484	-370
20-Sep-21	10:00:00 PM	2	297.1	22.5	-2.486	-2.486	-2.484	-370
20-Sep-21	11:00:00 PM	2	300.2	22.5	-2.486	-2.486	-2.484	-370
21-Sep-21	12:00:00 AM	2	298.3	22.3	-2.486	-2.486	-2.484	-370
21-Sep-21	1:00:00 AM	2	299.2	21.9	-2.486	-2.486	-2.484	-370
21-Sep-21	2:00:00 AM	2	299.6	21.9	-2.486	-2.486	-2.484	-370
21-Sep-21	3:00:00 AM	2	298.4	22.4	-2.486	-2.486	-2.484	-370
21-Sep-21	4:00:00 AM	2	294.7	22.1	-2.486	-2.486	-2.484	-370
21-Sep-21	5:00:00 AM	2	291.5	22.1	-2.486	-2.486	-2.484	-370
21-Sep-21	6:00:00 AM	2	293	22.1	-2.486	-2.486	-2.484	-370
21-Sep-21	7:00:00 AM	2	292.7	22.2	-2.486	-2.486	-2.484	-370
21-Sep-21	8:00:00 AM	2	295.9	22.1	-2.486	-2.486	-2.484	-370
21-Sep-21	9:00:00 AM	2	295.8	22.1	-2.486	-2.486	-2.484	-370
21-Sep-21	10:00:00 AM	2	292.9	22.1	-2.486	-2.486	-2.484	-370

21-Sep-21	11:00:00 AM	2	291.6	22.4	-2.486	-2.486	-2.484	-370
21-Sep-21	12:00:00 PM	2	291.5	22.9	-2.486	-2.486	-2.484	-370
21-Sep-21	1:00:00 PM	2	291.7	22.8	-2.486	-2.486	-2.484	-370
21-Sep-21	2:00:00 PM	2	293.9	22.8	-2.486	-2.486	-2.484	-370
21-Sep-21	3:00:00 PM	2	290.9	22.9	-2.486	-2.486	-2.484	-370
21-Sep-21	4:00:00 PM	2	290.7	22.8	-2.486	-2.486	-2.484	-370
21-Sep-21	5:00:00 PM	2	293.7	22.9	-2.486	-2.486	-2.484	-370
21-Sep-21	6:00:00 PM	2	291.9	22.9	-2.486	-2.486	-2.484	-370
21-Sep-21	7:00:00 PM	2	289.5	22.7	-2.486	-2.486	-2.484	-370
21-Sep-21	8:00:00 PM	2	294.3	22.6	-2.486	-2.486	-2.484	-370
21-Sep-21	9:00:00 PM	2	295.1	22.5	-2.486	-2.486	-2.484	-370
21-Sep-21	10:00:00 PM	2	293.5	22.5	-2.486	-2.486	-2.484	-370
21-Sep-21	11:00:00 PM	2	296.5	22.2	-2.486	-2.486	-2.484	-370
22-Sep-21	12:00:00 AM	2	298.2	22.3	-2.486	-2.486	-2.484	-370
22-Sep-21	1:00:00 AM	2	297.8	21.9	-2.486	-2.486	-2.484	-370
22-Sep-21	2:00:00 AM	2	295.2	21.9	-2.486	-2.486	-2.484	-370
22-Sep-21	3:00:00 AM	2	299.9	22	-2.486	-2.486	-2.484	-370
22-Sep-21	4:00:00 AM	2	296.4	22	-2.486	-2.486	-2.484	-370
22-Sep-21	5:00:00 AM	2	289.7	21.9	-2.486	-2.486	-2.484	-370
22-Sep-21	6:00:00 AM	2	287.7	22.2	-2.486	-2.486	-2.484	-370
22-Sep-21	7:00:00 AM	2	292.5	22.2	-2.486	-2.486	-2.484	-370
22-Sep-21	8:00:00 AM	2	290.7	22.1	-2.486	-2.486	-2.484	-370
22-Sep-21	9:00:00 AM	2	291.6	22.1	-2.486	-2.486	-2.484	-370
22-Sep-21	10:00:00 AM	2	287.3	22.6	-2.486	-2.486	-2.484	-370
22-Sep-21	11:00:00 AM	2	290.5	22.9	-2.486	-2.486	-2.484	-370
22-Sep-21	12:00:00 PM	2	293.3	23.6	-2.486	-2.486	-2.484	-370
22-Sep-21	1:00:00 PM	2	291.2	23.2	-2.486	-2.486	-2.484	-370
22-Sep-21	2:00:00 PM	2	294.6	23.4	-2.486	-2.486	-2.484	-370
22-Sep-21	3:00:00 PM	2	296.5	23.3	-2.486	-2.486	-2.484	-370
22-Sep-21	4:00:00 PM	2	297.3	23	-2.486	-2.486	-2.484	-370
22-Sep-21	5:00:00 PM	2	292.4	23	-2.486	-2.486	-2.484	-370
22-Sep-21	6:00:00 PM	2	292.5	23.1	-2.486	-2.486	-2.484	-370
22-Sep-21	7:00:00 PM	2	291.1	22.9	-2.486	-2.486	-2.484	-370

22-Sep-21	8:00:00 PM	2	294.3	22.3	-2.486	-2.486	-2.484	-370
22-Sep-21	9:00:00 PM	2	295.9	21.9	-2.486	-2.486	-2.484	-370
22-Sep-21	10:00:00 PM	2	295.8	22	-2.486	-2.486	-2.484	-370
22-Sep-21	11:00:00 PM	2	296.7	22	-2.486	-2.486	-2.484	-370
23-Sep-21	12:00:00 AM	2	296.5	21.9	-2.486	-2.486	-2.484	-370
23-Sep-21	1:00:00 AM	2	296.4	21.9	-2.486	-2.486	-2.484	-370
23-Sep-21	2:00:00 AM	2	294.2	21.9	-2.486	-2.486	-2.484	-370
23-Sep-21	3:00:00 AM	2	298	21.9	-2.486	-2.486	-2.484	-370
23-Sep-21	4:00:00 AM	2	296.1	21.8	-2.486	-2.486	-2.484	-370
23-Sep-21	5:00:00 AM	2	295.8	22	-2.486	-2.486	-2.484	-370
23-Sep-21	6:00:00 AM	2	294.6	22	-2.486	-2.486	-2.484	-370
23-Sep-21	7:00:00 AM	2	290.3	21.9	-2.486	-2.486	-2.484	-370
23-Sep-21	8:00:00 AM	2	291.8	22.2	-2.486	-2.486	-2.484	-370
23-Sep-21	9:00:00 AM	2	293.7	22.6	-2.486	-2.486	-2.484	-370
23-Sep-21	10:00:00 AM	2	295.5	22.9	-2.486	-2.486	-2.484	-370
23-Sep-21	11:00:00 AM	2	291.5	23.4	-2.486	-2.486	-2.484	-370
23-Sep-21	12:00:00 PM	2	293.8	23.3	-2.486	-2.486	-2.484	-370
23-Sep-21	1:00:00 PM	2	291.4	23.1	-2.486	-2.486	-2.484	-370
23-Sep-21	2:00:00 PM	2	291.1	23.2	-2.486	-2.486	-2.484	-370
23-Sep-21	3:00:00 PM	2	295.5	23.5	-2.486	-2.486	-2.484	-370
23-Sep-21	4:00:00 PM	2	292.4	23.5	-2.486	-2.486	-2.484	-370
23-Sep-21	5:00:00 PM	2	291.1	23.6	-2.486	-2.486	-2.484	-370
23-Sep-21	6:00:00 PM	2	291.8	23.3	-2.486	-2.486	-2.484	-370
23-Sep-21	7:00:00 PM	2	291.4	22.8	-2.486	-2.486	-2.484	-370
23-Sep-21	8:00:00 PM	2	293.4	22.9	-2.486	-2.486	-2.484	-370
23-Sep-21	9:00:00 PM	2	298.5	22.8	-2.486	-2.486	-2.484	-370
23-Sep-21	10:00:00 PM	2	295.7	22.7	-2.486	-2.486	-2.484	-370
23-Sep-21	11:00:00 PM	2	294	22.4	-2.486	-2.486	-2.484	-370
24-Sep-21	12:00:00 AM	2	297.6	22.3	-2.486	-2.486	-2.484	-370
24-Sep-21	1:00:00 AM	2	298.5	22.3	-2.486	-2.486	-2.484	-370
24-Sep-21	2:00:00 AM	2	296.1	22.2	-2.486	-2.486	-2.484	-370
24-Sep-21	3:00:00 AM	2	298.9	22.1	-2.486	-2.486	-2.484	-370
24-Sep-21	4:00:00 AM	2	296.5	22.1	-2.486	-2.486	-2.484	-370

24-Sep-21	5:00:00 AM	2	293.1	21.9	-2.486	-2.486	-2.484	-370
24-Sep-21	6:00:00 AM	2	288.9	21.8	-2.486	-2.486	-2.484	-370
24-Sep-21	7:00:00 AM	2	291.9	22.1	-2.486	-2.486	-2.484	-370
24-Sep-21	8:00:00 AM	2	291.8	22.5	-2.486	-2.486	-2.484	-370
24-Sep-21	9:00:00 AM	2	290.4	23.2	-2.486	-2.486	-2.484	-370
24-Sep-21	10:00:00 AM	2	291.1	23.6	-2.486	-2.486	-2.484	-370
24-Sep-21	11:00:00 AM	2	290.9	23.4	-2.486	-2.486	-2.484	-370
24-Sep-21	12:00:00 PM	2	292.3	23.3	-2.486	-2.486	-2.484	-370
24-Sep-21	1:00:00 PM	2	289.4	23.2	-2.486	-2.486	-2.484	-370
24-Sep-21	2:00:00 PM	2	292.6	23.2	-2.486	-2.486	-2.484	-370
24-Sep-21	3:00:00 PM	2	291.4	23.4	-2.486	-2.486	-2.484	-370
24-Sep-21	4:00:00 PM	2	289.2	23.6	-2.486	-2.486	-2.484	-370
24-Sep-21	5:00:00 PM	2	291.1	23.5	-2.486	-2.486	-2.484	-370
24-Sep-21	6:00:00 PM	2	290.6	23.5	-2.486	-2.486	-2.484	-370
24-Sep-21	7:00:00 PM	2	293.9	23.4	-2.486	-2.486	-2.484	-370
24-Sep-21	8:00:00 PM	2	298.9	23.4	-2.486	-2.486	-2.484	-370
24-Sep-21	9:00:00 PM	2	297.6	23.2	-2.486	-2.486	-2.484	-370
24-Sep-21	10:00:00 PM	2	298.3	23.1	-2.486	-2.486	-2.484	-370
24-Sep-21	11:00:00 PM	2	299.8	23.2	-2.486	-2.486	-2.484	-370
25-Sep-21	12:00:00 AM	2	300.3	22.8	-2.486	-2.486	-2.484	-370
25-Sep-21	1:00:00 AM	2	299.9	22.4	-2.486	-2.486	-2.484	-370
25-Sep-21	2:00:00 AM	2	300.3	22	-2.486	-2.486	-2.484	-370
25-Sep-21	3:00:00 AM	2	298	21.9	-2.486	-2.486	-2.484	-370
25-Sep-21	4:00:00 AM	2	297.8	22	-2.486	-2.486	-2.484	-370
25-Sep-21	5:00:00 AM	2	295.4	22	-2.486	-2.486	-2.484	-370
25-Sep-21	6:00:00 AM	2	293.5	22	-2.486	-2.486	-2.484	-370
25-Sep-21	7:00:00 AM	2	294.7	22	-2.486	-2.486	-2.484	-370
25-Sep-21	8:00:00 AM	2	292.4	22.4	-2.486	-2.486	-2.484	-370
25-Sep-21	9:00:00 AM	2	292	22.7	-2.486	-2.486	-2.484	-370
25-Sep-21	10:00:00 AM	2	295.1	22.9	-2.486	-2.486	-2.484	-370
25-Sep-21	11:00:00 AM	2	294.8	23.3	-2.486	-2.486	-2.484	-370
25-Sep-21	12:00:00 PM	2	291.8	23.2	-2.486	-2.486	-2.484	-370
25-Sep-21	1:00:00 PM	2	290.8	23.2	-2.486	-2.486	-2.484	-370

25-Sep-21	2:00:00 PM	2	291.3	23.3	-2.486	-2.486	-2.484	-370
25-Sep-21	3:00:00 PM	2	294.4	23.1	-2.486	-2.486	-2.484	-370
25-Sep-21	4:00:00 PM	2	295.8	22.8	-2.486	-2.486	-2.484	-370
25-Sep-21	5:00:00 PM	2	296.3	22.9	-2.486	-2.486	-2.484	-370
25-Sep-21	6:00:00 PM	2	297	22.9	-2.486	-2.486	-2.484	-370
25-Sep-21	7:00:00 PM	2	300.6	22.8	-2.486	-2.486	-2.484	-370
25-Sep-21	8:00:00 PM	2	301.1	22.9	-2.486	-2.486	-2.484	-370
25-Sep-21	9:00:00 PM	2	302.9	22.8	-2.486	-2.486	-2.484	-370
25-Sep-21	10:00:00 PM	2	299.3	22.9	-2.486	-2.486	-2.484	-370
25-Sep-21	11:00:00 PM	2	300.4	22.9	-2.486	-2.486	-2.484	-370
26-Sep-21	12:00:00 AM	2	302	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	1:00:00 AM	2	299.8	22.9	-2.486	-2.486	-2.484	-370
26-Sep-21	2:00:00 AM	2	300	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	3:00:00 AM	2	303.3	22.5	-2.486	-2.486	-2.484	-370
26-Sep-21	4:00:00 AM	2	300.6	22.5	-2.486	-2.486	-2.484	-370
26-Sep-21	5:00:00 AM	2	300.2	22.4	-2.486	-2.486	-2.484	-370
26-Sep-21	6:00:00 AM	2	296.9	22.5	-2.486	-2.486	-2.484	-370
26-Sep-21	7:00:00 AM	2	294.4	22.4	-2.486	-2.486	-2.484	-370
26-Sep-21	8:00:00 AM	2	293.8	22.5	-2.486	-2.486	-2.484	-370
26-Sep-21	9:00:00 AM	2	292.3	22.4	-2.486	-2.486	-2.484	-370
26-Sep-21	10:00:00 AM	2	290.5	22.5	-2.486	-2.486	-2.484	-370
26-Sep-21	11:00:00 AM	2	292.4	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	12:00:00 PM	2	292.2	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	1:00:00 PM	2	292.5	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	2:00:00 PM	2	292.7	22.9	-2.486	-2.486	-2.484	-370
26-Sep-21	3:00:00 PM	2	290	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	4:00:00 PM	2	294.8	22.9	-2.486	-2.486	-2.484	-370
26-Sep-21	5:00:00 PM	2	292	22.9	-2.486	-2.486	-2.484	-370
26-Sep-21	6:00:00 PM	2	294.4	22.8	-2.486	-2.486	-2.484	-370
26-Sep-21	7:00:00 PM	2	293.6	22.9	-2.486	-2.486	-2.484	-370
26-Sep-21	8:00:00 PM	2	293.6	22.7	-2.486	-2.486	-2.484	-370
26-Sep-21	9:00:00 PM	2	294.4	22.4	-2.486	-2.486	-2.484	-370
26-Sep-21	10:00:00 PM	2	295.1	22.4	-2.486	-2.486	-2.484	-370

26-Sep-21	11:00:00 PM	2	298.9	22.3	-2.486	-2.486	-2.484	-370
27-Sep-21	12:00:00 AM	2	297.7	22.3	-2.486	-2.486	-2.484	-370
27-Sep-21	1:00:00 AM	2	296.1	22.3	-2.486	-2.486	-2.484	-370
27-Sep-21	2:00:00 AM	2	295.1	21.8	-2.486	-2.486	-2.484	-370
27-Sep-21	3:00:00 AM	2	293.8	22	-2.486	-2.486	-2.484	-370
27-Sep-21	4:00:00 AM	2	296.1	22	-2.486	-2.486	-2.484	-370
27-Sep-21	5:00:00 AM	2	293.3	22.1	-2.486	-2.486	-2.484	-370
27-Sep-21	6:00:00 AM	2	469.8	22.1	-2.486	-2.486	-2.484	-370
27-Sep-21	7:00:00 AM	3	491.2	22	-2.486	-2.486	-2.484	-370
27-Sep-21	8:00:00 AM	2	296.1	22.1	-2.486	-2.486	-2.484	-370
27-Sep-21	9:00:00 AM	2	293.8	22.7	-2.486	-2.486	-2.484	-370
27-Sep-21	10:00:00 AM	2	293.1	22.7	-2.486	-2.486	-2.484	-370
27-Sep-21	11:00:00 AM	2	294.1	22.9	-2.486	-2.486	-2.484	-370
27-Sep-21	12:00:00 PM	2	301.4	23.1	-2.486	-2.486	-2.484	-370
27-Sep-21	1:00:00 PM	2	300	23.3	-2.486	-2.486	-2.484	-370
27-Sep-21	2:00:00 PM	2	298	23.6	-2.486	-2.486	-2.484	-370
27-Sep-21	3:00:00 PM	2	299.4	23.6	-2.486	-2.486	-2.484	-370
27-Sep-21	4:00:00 PM	2	297.6	23	-2.486	-2.486	-2.484	-370
27-Sep-21	5:00:00 PM	2	296.5	22.9	-2.486	-2.486	-2.484	-370
27-Sep-21	6:00:00 PM	2	298.9	23	-2.486	-2.486	-2.484	-370
27-Sep-21	7:00:00 PM	2	298.5	23	-2.486	-2.486	-2.484	-370
27-Sep-21	8:00:00 PM	2	296.4	22.9	-2.486	-2.486	-2.484	-370
27-Sep-21	9:00:00 PM	2	298.5	23	-2.486	-2.486	-2.484	-370
27-Sep-21	10:00:00 PM	0	125.9	22.9	-2.486	-2.486	-2.484	-370
27-Sep-21	11:00:00 PM	0	11.2	22.2	-2.486	-2.486	-2.484	-370
28-Sep-21	12:00:00 AM	0	11.6	22.1	-2.486	-2.486	-2.484	-370
28-Sep-21	1:00:00 AM	0	10.7	21.9	-2.486	-2.486	-2.484	-370
28-Sep-21	2:00:00 AM	0	11.2	21.7	-2.486	-2.486	-2.484	-370
28-Sep-21	3:00:00 AM	0	11.6	21.8	-2.486	-2.486	-2.484	-370
28-Sep-21	4:00:00 AM	1	209.7	21.9	-2.486	-2.486	-2.484	-370
28-Sep-21	5:00:00 AM	2	295.8	22.1	-2.486	-2.486	-2.484	-370
28-Sep-21	6:00:00 AM	2	294.1	22.2	-2.486	-2.486	-2.484	-370
28-Sep-21	7:00:00 AM	2	293.5	22.2	-2.486	-2.486	-2.484	-370

28-Sep-21	8:00:00 AM	2	292.7	22.6	-2.486	-2.486	-2.484	-370
28-Sep-21	9:00:00 AM	2	291.6	23	-2.486	-2.486	-2.484	-370
28-Sep-21	10:00:00 AM	2	291.2	23.1	-2.486	-2.486	-2.484	-370
28-Sep-21	11:00:00 AM	2	293.8	23.3	-2.486	-2.486	-2.484	-370
28-Sep-21	12:00:00 PM	2	296.1	23.4	-2.486	-2.486	-2.484	-370
28-Sep-21	1:00:00 PM	2	296	23.1	-2.486	-2.486	-2.484	-370
28-Sep-21	2:00:00 PM	2	297	23.6	-2.486	-2.486	-2.484	-370
28-Sep-21	3:00:00 PM	2	300.2	23.3	-2.486	-2.486	-2.484	-370
28-Sep-21	4:00:00 PM	2	295.8	23.1	-2.486	-2.486	-2.484	-370
28-Sep-21	5:00:00 PM	2	296.8	23.1	-2.486	-2.486	-2.484	-370
28-Sep-21	6:00:00 PM	2	296.5	23	-2.486	-2.486	-2.484	-370
28-Sep-21	7:00:00 PM	2	294	22.9	-2.486	-2.486	-2.484	-370
28-Sep-21	8:00:00 PM	2	298.1	22.7	-2.486	-2.486	-2.484	-370
28-Sep-21	9:00:00 PM	1	205.4	22.8	-2.486	-2.486	-2.484	-370
28-Sep-21	10:00:00 PM	0	12.5	22.4	-2.486	-2.486	-2.484	-370
28-Sep-21	11:00:00 PM	0	11.6	22.4	-2.486	-2.486	-2.484	-370
29-Sep-21	12:00:00 AM	0	11.6	22.3	-2.486	-2.486	-2.484	-370
29-Sep-21	1:00:00 AM	0	11.6	22.2	-2.486	-2.486	-2.484	-370
29-Sep-21	2:00:00 AM	0	11.6	22.2	-2.486	-2.486	-2.484	-370
29-Sep-21	3:00:00 AM	0	144.1	22.1	-2.486	-2.486	-2.484	-370
29-Sep-21	4:00:00 AM	2	296.4	22.1	-2.486	-2.486	-2.484	-370
29-Sep-21	5:00:00 AM	2	295.2	22.1	-2.486	-2.486	-2.484	-370
29-Sep-21	6:00:00 AM	2	293.2	22.1	-2.486	-2.486	-2.484	-370
29-Sep-21	7:00:00 AM	2	294.4	22.5	-2.486	-2.486	-2.484	-370
29-Sep-21	8:00:00 AM	2	295.1	22.8	-2.486	-2.486	-2.484	-370
29-Sep-21	9:00:00 AM	2	295.1	23.2	-2.486	-2.486	-2.484	-370
29-Sep-21	10:00:00 AM	2	296.1	23.2	-2.486	-2.486	-2.484	-370
29-Sep-21	11:00:00 AM	2	294.9	23.3	-2.486	-2.486	-2.484	-370
29-Sep-21	12:00:00 PM	2	295.5	23.1	-2.486	-2.486	-2.484	-370
29-Sep-21	1:00:00 PM	2	299.5	23.1	-2.486	-2.486	-2.484	-370
29-Sep-21	2:00:00 PM	2	299.1	22.9	-2.486	-2.486	-2.484	-370
29-Sep-21	3:00:00 PM	2	299.7	22.8	-2.486	-2.486	-2.484	-370
29-Sep-21	4:00:00 PM	2	295.4	22.8	-2.486	-2.486	-2.484	-370

29-Sep-21	5:00:00 PM	2	297	23.1	-2.486	-2.486	-2.484	-370
29-Sep-21	6:00:00 PM	2	295	22.8	-2.486	-2.486	-2.484	-370
29-Sep-21	7:00:00 PM	2	295.1	22.9	-2.486	-2.486	-2.484	-370
29-Sep-21	8:00:00 PM	2	297.8	23	-2.486	-2.486	-2.484	-370
29-Sep-21	9:00:00 PM	2	296.5	23	-2.486	-2.486	-2.484	-370
29-Sep-21	10:00:00 PM	2	298.7	22.9	-2.486	-2.486	-2.484	-370
29-Sep-21	11:00:00 PM	2	300.9	22.9	-2.486	-2.486	-2.484	-370
30-Sep-21	12:00:00 AM	2	299.4	23	-2.486	-2.486	-2.484	-370
30-Sep-21	1:00:00 AM	2	300.5	22.8	-2.486	-2.486	-2.484	-370
30-Sep-21	2:00:00 AM	2	299.1	22.2	-2.486	-2.486	-2.484	-370
30-Sep-21	3:00:00 AM	2	298.7	22	-2.486	-2.486	-2.484	-370
30-Sep-21	4:00:00 AM	2	297.6	22.4	-2.486	-2.486	-2.484	-370
30-Sep-21	5:00:00 AM	2	294.8	22.1	-2.486	-2.486	-2.484	-370
30-Sep-21	6:00:00 AM	2	294.6	22.2	-2.486	-2.486	-2.484	-370
30-Sep-21	7:00:00 AM	2	296.5	22	-2.486	-2.486	-2.484	-370
30-Sep-21	8:00:00 AM	2	294.4	22.6	-2.486	-2.486	-2.484	-370
30-Sep-21	9:00:00 AM	2	294.4	22.9	-2.486	-2.486	-2.484	-370
30-Sep-21	10:00:00 AM	2	294.5	23	-2.486	-2.486	-2.484	-370
30-Sep-21	11:00:00 AM	2	294.1	23.1	-2.486	-2.486	-2.484	-370
30-Sep-21	12:00:00 PM	2	296.2	23	-2.486	-2.486	-2.484	-370
30-Sep-21	1:00:00 PM	2	297	22.8	-2.486	-2.486	-2.484	-370
30-Sep-21	2:00:00 PM	2	294.4	22.9	-2.486	-2.486	-2.484	-370
30-Sep-21	3:00:00 PM	2	294.3	22.7	-2.486	-2.486	-2.484	-370
30-Sep-21	4:00:00 PM	2	298.5	22.8	-2.486	-2.486	-2.484	-370
30-Sep-21	5:00:00 PM	2	297.5	22.7	-2.486	-2.486	-2.484	-370
30-Sep-21	6:00:00 PM	2	296.8	22.4	-2.486	-2.486	-2.484	-370
30-Sep-21	7:00:00 PM	2	296.3	22.8	-2.486	-2.486	-2.484	-370
30-Sep-21	8:00:00 PM	2	299.8	22.5	-2.486	-2.486	-2.484	-370
30-Sep-21	9:00:00 PM	2	294.5	22.5	-2.486	-2.486	-2.484	-370
30-Sep-21	10:00:00 PM	0	122.1	22.3	-2.486	-2.486	-2.484	-370
30-Sep-21	11:00:00 PM	0	6.7	22.1	-2.486	-2.486	-2.484	-370

