Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en enero de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica
DATOS DEL EQUIPO			
EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	31.15	11.89	31.83	228.36	410.06	119.71	46.53	155.44	53.08	97.54	12.79	98.28	128.96	104.41	674.39	111.22	728.23	589.19	114.97	488.24	13.20	13.05	12.39	11.84	12.37	257.21	20.86	15.41	22.56	47.08	46.03
01:00	20.38	11.95	40.32	1628.72	241.77	348.17	206.46	133.31	96.00	42.89	12.50	49.86	273.29	37.54	760.48	31.28	132.89	128.43	58.64	40.79	12.81	13.34	12.58	12.03	12.58	200.51	24.16	13.41	17.37	41.61	40.92
02:00	13.76	11.89	139.17	838.61	249.87	647.69	54.23	14.91	529.89	23.00	12.45	31.83	22.35	27.09	2176.83	27.33	69.30	240.67	93.77	61.57	12.63	11.92	11.87	67.31	12.63	79.86	58.06	13.60	13.23	15.09	21.22
03:00	12.05	34.40	235.70	53.47	35.00	1130.48	20.46	25.31	140.56	46.16	12.21	374.40	19.23	31.05	410.74	25.23	63.48	442.54	33.14	176.67	12.63	12.00	12.42	14.20	12.58	19.73	75.53	20.78	12.86	17.19	21.93
04:00	12.26	13.31	85.41	23.58	16.14	389.52	15.14	347.44	20.23	47.71	12.31	461.36	18.65	36.52	76.32	30.29	47.74	685.03	324.12	235.56	12.71	11.89	12.03	12.16	447.39	16.72	50.38	91.75	13.10	15.88	27.80
05:00	12.79	11.42	18.94	26.62	236.85	101.81	23.08	411.55	69.48	15.22	106.11	207.08	22.35	201.06	372.51	613.11	39.20	1193.15	260.93	207.08	13.23	11.79	11.71	13.83	1685.29	15.01	20.30	16.72	13.13	16.22	22.43
06:00	12.18	11.53	17.34	29.42	26.51	88.08	471.84	356.06	81.67	15.98	214.08	191.29	34.40	115.20	222.49	44.88	32.41	95.68	233.78	94.06	12.97	11.76	12.18	12.86	892.71	15.69	21.41	15.17	40.58	16.56	24.47
07:00	13.26	11.48	24.79	693.04	16.19	70.66	85.99	455.80	432.59	2410.87	96.15	208.63	534.06	84.26	43.94	1580.46	512.34	30.34	40.92	465.81	13.81	11.76	11.95	60.99	608.86	256.55	82.84	17.53	17.19	19.62	289.35
08:00	2268.34	11.55	254.35	4384.33	40.22	36.89	17.32	802.03	1654.69	1060.44	117.85	393.60	329.57	385.82	1244.92	1554.92	1788.41	18.44	22.09	638.05	40.27	11.79	11.97	322.18	794.31	939.01	256.68	16.85	21.41	46.35	271.25
09:00	470.55	247.80	432.64	2718.93	1201.22	1600.37	14.57	685.26	382.07	1396.93	148.79	271.75	3084.71	56.02	1276.25	1345.24	2794.44	16.58	19.44	108.52	12.94	11.84	11.97	46.09	106.61	1057.01	1494.26	198.70	835.88	126.99	932.51
10:00	308.58	567.81	377.28	131.18	960.49	276.02	13.07	39.04	341.81	572.94	485.43	92.41	444.14	256.16	55.54	233.31	1721.55	14.91	846.99	15.69	16.40	484.75	12.42	94.92	40.22	894.78	1040.61	118.66	2251.94	362.74	655.76
11:00	14.17	2083.14	270.44	19.70	34.01	49.70	12.79	1120.05	388.00	92.04	319.85	292.18	870.94	14.72	17.50	20.86	461.33	14.46	1601.16	13.94	12.60	159.53	11.87	218.19	14.54	2049.36	106.50	24.81	144.81	338.01	971.05
12:00	13.05	1436.68	37.86	15.72	18.10	140.12	12.21	770.10	1844.40	13.96	37.26	20.75	321.47	13.55	14.99	14.78	392.97	15.64	811.47	13.57	12.37	17.76	12.00	12.24	13.73	85.20	148.37	14.44	228.78	122.59	16.32
13:00	12.73	636.21	86.98	14.54	14.33	13.05	12.26	623.17	414.75	13.28	17.92	253.01	362.03	12.94	13.99	172.47	17.58	22.98	551.59	13.15	12.52	12.89	13.00	12.29	13.76	73.33	218.19	13.13	15.56	53.26	14.20
14:00	12.39	15.41	49.47	13.94	13.49	12.58	12.00	36.97	14.70	12.94	12.65	2471.47	277.72	12.63	13.52	340.84	18.55	13.78	366.85	13.02	12.37	12.18	12.79	12.00	13.41	1230.90	14.62	12.63	13.62	659.30	13.60
15:00	11.92	13.26	2595.71	13.70	12.86	12.39	11.95	13.94	13.41	12.08	12.42	2116.46	251.78	12.68	13.68	348.51	15.30	13.41	16.30	12.89	12.16	12.26	12.08	136.69	13.13	1241.78	13.91	145.65	14.33	83.79	13.18
16:00	12.31	12.73	210.02	13.57	12.21	12.16	11.97	13.44	13.07	12.45	26.41	1287.34	230.38	12.79	13.05	29.48	16.14	13.18	14.72	12.92	12.63	12.29	12.21	319.88	15.25	331.67	14.33	14.99	13.31	563.14	12.89
17:00	12.68	12.81	51.80	13.49	12.34	12.26	12.05	14.04	12.94	12.65	13.34	196.29	76.45	12.52	13.96	99.56	174.07	13.34	14.33	12.94	12.63	52.03	12.60	14.54	14.49	36.10	14.15	14.33	15.64	1227.34	13.00
18:00	12.79	13.47	320.24	13.31	14.59	12.94	12.34	33.30	14.04	13.83	13.20	177.14	113.79	12.73	13.94	42.94	228.60	13.78	13.96	13.07	12.31	488.53	12.08	12.79	14.57	19.18	13.81	13.52	17.08	461.41	13.41
19:00	12.24	12.58	23.11	12.84	14.54	12.73	12.34	69.19	13.68	13.91	13.28	18.71	142.89	13.02	14.59	226.60	67.05	672.50	13.60	13.31	11.87	17.76	12.00	29.40	13.26	16.03	370.70	13.18	13.70	328.60	13.41
20:00	12.76	466.36	17.21	12.63	18.31	12.76	11.63	373.45	13.13	12.89	51.46	1766.90	578.84	13.02	13.96	422.32	27.46	236.72	13.91	12.65	12.21	14.75	11.76	21.06	13.31	170.48	27.56	13.36	13.00	519.68	13.31
21:00	12.29	1038.07	17.21	21.22	14.46	12.73	11.89	850.01	14.62	13.70	73.07	912.81	69.12	13.13	14.46	373.82	17.34	257.55	12.79	12.84	13.81	13.31	12.08	13.49	14.28	69.77	17.66	56.12	12.89	611.32	13.05
22:00	12.13	286.29	682.46	235.46	323.54	13.34	11.37	726.84	12.65	13.31	26.83	128.51	122.25	83.32	13.28	308.27	444.01	60.68	12.79	13.05	12.79	12.79	11.84	13.02	1937.78	26.78	22.35	36.99	14.83	58.95	34.92
23:00	11.87	107.76	214.42	175.33	664.67	14.28	11.48	509.72	90.08	12.45	38.99	113.71	888.18	204.57	19.07	491.25	118.06	82.24	210.46	12.63	12.58	12.31	11.92	12.86	2204.86	64.61	27.46	21.30	100.22	107.55	98.62
Promedio de SO_2 en 24 h	**139.1**	**295.0**	**259.8**	**472.2**	**191.7**	**214.2**	**46.9**	**357.5**	**277.6**	**249.1**	**78.6**	**505.7**	**384.1**	**73.6**	**312.7**	**353.7**	**413.7**	**203.6**	**237.6**	**112.6**	**14.0**	**60.2**	**12.2**	**62.4**	**371.7**	**382.0**	**173.1**	**38.9**	**161.5**	**244.2**	**149.8**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																														

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en enero de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** No aplica

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	21.28	11.96	141.96	375.08	273.62	369.31	24.72	59.43	429.88	66.76	12.85	54.70	123.73	371.61	320.76	47.86	509.25	383.75	85.96	237.16	12.96	12.81	12.50	11.87	12.75	1466.62	37.42	21.74	26.95	54.04	70.84
01:00	22.98	11.90	59.97	690.50	275.72	377.52	89.09	100.08	219.60	76.84	12.58	62.38	171.99	343.38	546.48	53.86	450.79	278.56	85.28	246.50	12.88	12.99	12.43	11.93	12.60	887.53	36.54	18.76	20.41	62.97	64.83
02:00	21.76	11.91	70.44	898.56	300.57	371.86	102.41	101.22	226.32	54.48	12.58	59.99	141.53	56.35	1203.90	56.61	310.14	319.43	89.13	196.87	12.88	12.77	12.28	30.39	12.53	179.19	34.36	14.14	17.72	34.59	36.06
03:00	15.40	19.41	138.40	840.27	175.55	708.78	93.72	57.84	255.48	37.35	12.39	152.03	104.96	31.89	1116.02	27.95	88.56	270.55	61.85	93.01	12.69	12.42	12.29	31.18	12.60	100.03	52.58	15.93	14.49	24.63	28.02
04:00	12.69	19.87	153.43	305.22	100.34	722.56	29.94	129.22	230.23	38.96	12.32	289.20	20.08	31.55	887.96	27.62	60.17	456.08	150.34	157.93	12.66	11.94	12.11	31.22	157.53	38.77	61.32	42.04	13.06	16.05	23.65
05:00	12.37	19.71	113.35	34.56	96.00	540.60	19.56	261.43	76.76	36.36	43.54	347.61	20.08	89.54	286.52	222.88	50.14	773.57	206.06	206.44	12.86	11.89	12.05	13.40	715.09	17.15	48.74	43.08	13.03	16.43	24.05
06:00	12.41	12.09	40.56	26.54	93.17	193.14	170.02	371.68	57.13	26.30	110.83	286.58	25.13	117.59	223.77	229.43	39.78	657.95	272.94	178.90	12.97	11.81	11.97	12.95	1008.46	15.81	30.70	41.21	22.27	16.22	24.90
07:00	12.74	11.48	20.36	249.69	93.18	86.85	193.64	407.80	194.58	814.02	138.78	202.33	196.94	133.51	212.98	746.15	194.65	439.72	178.54	255.65	13.34	11.77	11.95	29.23	1062.29	95.75	41.52	16.47	23.63	17.47	112.08
08:00	764.59	11.52	98.83	1702.26	27.64	65.21	191.72	537.96	722.98	1162.43	142.69	264.51	299.34	195.09	503.78	1060.09	777.72	48.15	98.93	399.31	22.35	11.77	12.03	132.01	765.29	403.75	120.31	16.52	26.39	27.51	195.02
09:00	917.38	90.28	237.26	2598.77	419.21	569.31	39.29	647.70	823.12	1622.75	120.93	291.33	1316.11	175.37	855.04	1493.54	1698.40	21.79	27.48	404.13	22.34	11.80	11.96	143.09	503.26	750.86	611.26	77.69	291.49	64.32	497.70
10:00	1015.82	275.72	354.76	2411.48	733.98	637.76	14.99	508.78	792.86	1010.10	250.69	252.59	1286.14	232.67	858.90	1044.49	2101.47	16.64	296.17	254.09	23.20	169.46	12.12	154.40	313.71	963.60	930.52	111.40	1036.41	178.69	619.84
11:00	264.43	966.25	360.12	956.60	731.91	642.03	13.48	614.78	370.63	687.30	318.02	218.78	1466.60	108.97	449.76	533.14	1659.11	15.32	822.53	46.05	13.98	218.71	12.09	119.73	53.79	1333.72	880.46	114.06	1077.54	275.91	853.11
12:00	111.93	1362.54	228.53	55.53	337.53	155.28	12.69	643.06	858.07	226.31	280.85	135.11	545.52	94.81	29.34	89.65	858.62	15.00	1086.54	14.40	13.79	220.68	12.10	108.45	22.83	1009.78	431.83	52.64	875.18	274.45	547.71
13:00	13.32	1385.34	131.76	16.65	22.15	67.62	12.42	837.77	882.38	39.76	125.01	188.65	518.15	13.74	15.49	69.37	290.63	17.69	988.07	13.55	12.50	63.39	12.29	80.91	14.01	735.96	157.69	17.46	129.72	171.29	333.86
14:00	12.72	696.10	58.10	14.73	15.31	55.25	12.16	476.75	757.95	13.39	22.61	915.08	320.41	13.04	14.17	176.03	143.03	17.47	576.64	13.25	12.42	14.28	12.60	12.18	13.63	463.14	127.06	13.40	85.99	278.38	14.71
15:00	12.35	221.63	910.72	14.06	13.56	12.67	12.07	224.69	147.62	12.77	14.33	1613.65	297.18	12.75	13.73	287.27	17.14	16.72	311.58	13.02	12.35	12.44	12.62	53.66	13.43	848.67	82.24	57.14	14.50	265.45	13.66
16:00	12.21	13.80	951.73	13.74	12.85	12.38	11.97	21.45	13.73	12.49	17.15	1958.42	253.29	12.70	13.42	239.61	16.66	13.46	132.62	12.94	12.39	12.24	12.36	156.19	13.93	934.78	14.29	57.76	13.75	435.41	13.22
17:00	12.30	12.93	952.51	13.59	12.47	12.27	11.99	13.81	13.14	12.39	17.39	1200.03	186.20	12.66	13.56	159.18	68.50	13.31	15.12	12.92	12.47	25.53	12.30	157.04	14.29	536.52	14.13	58.32	14.43	624.76	13.02
18:00	12.59	13.00	194.02	13.46	13.05	12.45	12.12	20.26	13.35	12.98	17.65	553.59	140.21	12.68	13.65	57.33	139.60	13.43	14.34	12.98	12.52	184.28	12.30	115.74	14.77	128.98	14.10	14.28	15.34	750.63	13.10
19:00	12.57	12.95	131.72	13.21	13.82	12.64	12.24	38.84	13.55	13.46	13.27	130.71	111.04	12.76	14.16	123.03	156.57	233.21	13.96	13.11	12.27	186.11	12.23	18.91	14.11	23.77	132.89	13.68	15.47	672.45	13.27
20:00	12.60	164.14	120.19	12.93	15.81	12.81	12.10	158.65	13.62	13.54	25.98	654.25	278.51	12.92	14.16	230.62	107.70	307.67	13.82	13.01	12.13	173.68	11.95	21.08	13.71	68.56	137.36	13.35	14.59	436.56	13.38
21:00	12.43	505.67	19.18	15.56	15.77	12.74	11.95	430.88	13.81	13.50	45.94	899.47	263.62	13.06	14.34	340.91	37.28	388.92	13.43	12.93	12.63	15.27	11.95	21.32	13.62	85.43	138.64	27.55	13.20	486.53	13.26
22:00	12.39	596.91	238.96	89.77	118.77	12.94	11.63	650.10	13.47	13.30	50.45	936.07	256.74	36.49	13.90	368.14	162.94	184.98	13.16	12.85	12.94	13.62	11.89	15.86	655.12	89.01	22.52	35.49	13.57	396.65	20.43
23:00	12.10	477.37	304.70	144.00	334.22	13.45	11.58	695.52	39.12	13.15	46.30	385.01	359.85	100.34	15.60	391.11	193.14	133.49	78.68	12.84	13.06	12.80	11.95	13.12	1385.64	53.72	22.49	38.14	42.65	259.27	48.86

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*
	Estado de Emergencia (> 2500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en enero de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/01/2021 00:00	EE	0.0	7.3	86.7	0.4	262.2
	1/01/2021 01:00	EE	0.0	7.2	85.4	0.2	260.5
	1/01/2021 02:00	EE	0.0	7.0	87.4	0.7	270.8
	1/01/2021 03:00	EE	0.0	6.6	90.4	1.2	281.2
	1/01/2021 04:00	EE	0.0	6.7	88.5	0.8	282.0
	1/01/2021 05:00	EE	0.0	6.9	87.9	0.4	287.6
	1/01/2021 06:00	EE	0.0	7.0	90.3	0.5	284.7
	1/01/2021 07:00	EE	0.0	7.6	86.7	0.6	283.2
	1/01/2021 08:00	EE	0.0	9.3	76.8	0.3	128.9
	1/01/2021 09:00	EE	0.0	11.4	63.7	1.2	143.0
	1/01/2021 10:00	EE	0.0	12.3	58.2	2.5	116.5
	1/01/2021 11:00	EE	0.0	13.8	55.0	1.8	97.6
1	1/01/2021 12:00	EE	0.0	14.3	54.9	3.0	118.9
	1/01/2021 13:00	EE	0.0	14.8	55.2	3.5	108.5
	1/01/2021 14:00	EE	0.0	13.9	56.4	2.5	58.4
	1/01/2021 15:00	EE	0.0	13.3	58.2	2.3	56.5
	1/01/2021 16:00	EE	0.0	12.3	62.1	2.5	45.9
	1/01/2021 17:00	EE	0.0	11.1	67.4	2.1	33.3
	1/01/2021 18:00	EE	0.0	10.4	68.9	1.3	51.1
	1/01/2021 19:00	EE	0.0	9.8	71.9	0.9	84.2
	1/01/2021 20:00	EE	0.0	9.5	71.8	1.2	68.1
	1/01/2021 21:00	EE	0.0	9.4	72.1	1.1	55.7
	1/01/2021 22:00	EE	0.0	9.4	73.3	1.0	42.7
	1/01/2021 23:00	EE	0.0	9.4	73.0	0.6	82.6
	2/01/2021 00:00	EE	0.0	8.9	74.5	1.0	114.4
	2/01/2021 01:00	EE	0.0	8.8	74.6	0.5	336.1
	2/01/2021 02:00	EE	0.0	8.9	72.7	0.4	46.5
	2/01/2021 03:00	EE	0.0	8.9	72.1	0.6	171.3
	2/01/2021 04:00	EE	0.0	9.0	69.8	1.0	54.1
	2/01/2021 05:00	EE	0.0	8.8	70.9	0.9	41.0
	2/01/2021 06:00	EE	0.0	8.8	71.2	0.6	18.0
	2/01/2021 07:00	EE	0.0	9.4	70.6	1.0	277.5
	2/01/2021 08:00	EE	0.0	10.2	66.6	0.6	281.6
	2/01/2021 09:00	EE	0.0	11.4	61.6	0.8	217.8
	2/01/2021 10:00	EE	0.0	13.0	56.7	1.3	184.6
2	2/01/2021 11:00	EE	0.0	12.6	60.5	1.8	184.4
	2/01/2021 12:00	EE	0.0	14.6	54.1	1.8	195.6
	2/01/2021 13:00	EE	0.0	15.5	48.8	2.1	175.1
	2/01/2021 14:00	EE	0.0	16.4	43.8	2.2	114.4
	2/01/2021 15:00	EE	0.0	16.8	43.1	2.2	100.8
	2/01/2021 16:00	EE	0.0	14.6	50.1	2.1	66.2
	2/01/2021 17:00	EE	0.0	13.7	52.9	1.9	60.5
	2/01/2021 18:00	EE	0.0	11.7	63.3	2.6	293.1
	2/01/2021 19:00	EE	0.0	10.1	72.5	1.6	285.3
	2/01/2021 20:00	EE	0.0	10.2	73.8	0.8	205.7
	2/01/2021 21:00	EE	0.0	9.5	75.4	0.8	188.4
	2/01/2021 22:00	EE	0.0	9.2	76.5	0.9	199.0
	2/01/2021 23:00	EE	0.0	8.9	77.8	0.6	208.0
	3/01/2021 00:00	EE	0.0	8.3	80.9	0.8	189.2
	3/01/2021 01:00	EE	0.0	7.8	83.9	0.5	195.0
	3/01/2021 02:00	EE	0.0	7.5	86.1	0.4	140.6
	3/01/2021 03:00	EE	0.0	7.9	84.8	0.6	279.6
	3/01/2021 04:00	EE	0.0	8.3	77.7	0.8	65.9
	3/01/2021 05:00	EE	0.0	8.3	77.4	1.0	278.8
	3/01/2021 06:00	EE	0.0	8.5	74.5	1.0	280.3
	3/01/2021 07:00	EE	0.0	7.9	80.9	1.3	281.2
	3/01/2021 08:00	EE	0.0	8.0	83.0	0.3	163.6
	3/01/2021 09:00	EE	0.0	7.9	84.4	1.6	211.4
	3/01/2021 10:00	EE	0.0	9.2	75.3	0.7	274.9
3	3/01/2021 11:00	EE	0.0	12.3	61.9	1.0	332.6
	3/01/2021 12:00	EE	0.0	11.2	68.8	1.5	77.8
	3/01/2021 13:00	EE	0.0	11.7	67.3	1.5	57.6
	3/01/2021 14:00	EE	0.0	10.5	76.5	1.1	295.4
	3/01/2021 15:00	EE	0.0	9.1	80.3	1.2	214.2
	3/01/2021 16:00	EE	0.0	8.6	82.8	1.1	330.7
	3/01/2021 17:00	EE	0.0	8.8	82.4	1.5	270.0
	3/01/2021 18:00	EE	0.0	8.0	87.7	0.5	270.0
	3/01/2021 19:00	EE	0.0	8.3	84.9	1.2	277.4

	3/01/2021 20:00	EE	0.0	8.4	82.8	0.6	276.6
	3/01/2021 21:00	EE	0.0	8.5	79.6	0.4	199.0
	3/01/2021 22:00	EE	0.0	8.4	80.1	1.1	212.8
	3/01/2021 23:00	EE	0.0	7.5	81.2	1.9	210.3
	4/01/2021 00:00	EE	0.0	6.8	84.8	0.6	175.1
	4/01/2021 01:00	EE	0.0	6.4	88.3	0.3	130.6
	4/01/2021 02:00	EE	0.0	6.8	85.3	0.7	309.7
	4/01/2021 03:00	EE	0.0	6.9	80.2	0.9	296.7
	4/01/2021 04:00	EE	0.0	7.0	80.4	0.6	287.6
	4/01/2021 05:00	EE	0.0	6.9	82.1	0.4	62.7
	4/01/2021 06:00	EE	0.0	7.1	82.6	0.5	258.6
	4/01/2021 07:00	EE	0.0	7.8	80.2	0.3	172.9
	4/01/2021 08:00	EE	0.0	9.0	74.2	0.5	170.0
	4/01/2021 09:00	EE	0.0	9.9	71.0	0.9	48.9
	4/01/2021 10:00	EE	0.0	10.2	72.8	0.9	61.2
4	4/01/2021 11:00	EE	0.0	12.6	60.6	2.1	37.1
	4/01/2021 12:00	EE	0.0	13.8	58.8	2.3	68.3
	4/01/2021 13:00	EE	0.0	13.7	59.3	2.3	84.4
	4/01/2021 14:00	EE	0.0	14.8	56.1	2.2	99.2
	4/01/2021 15:00	EE	0.0	14.2	57.7	1.9	86.7
	4/01/2021 16:00	EE	0.0	14.0	58.8	1.7	74.9
	4/01/2021 17:00	EE	0.0	10.8	64.8	1.8	294.5
	4/01/2021 18:00	EE	0.0	8.9	71.8	1.4	266.6
	4/01/2021 19:00	EE	0.0	7.5	76.3	1.9	311.1
	4/01/2021 20:00	EE	0.0	7.2	77.5	1.3	313.5
	4/01/2021 21:00	EE	0.0	7.1	78.2	0.2	288.6
	4/01/2021 22:00	EE	0.0	7.6	77.4	1.0	285.8
	4/01/2021 23:00	EE	0.0	7.6	77.4	0.4	284.4
	5/01/2021 00:00	EE	0.0	7.7	78.0	0.3	243.1
	5/01/2021 01:00	EE	0.0	7.7	77.8	0.3	195.0
	5/01/2021 02:00	EE	0.0	7.7	77.5	0.2	248.3
	5/01/2021 03:00	EE	0.0	7.7	79.0	0.4	204.4
	5/01/2021 04:00	EE	0.0	7.6	78.4	0.7	279.2
	5/01/2021 05:00	EE	0.0	7.6	78.5	0.3	289.0
	5/01/2021 06:00	EE	0.0	7.6	78.4	1.0	290.0
	5/01/2021 07:00	EE	0.0	8.4	76.2	0.6	287.7
	5/01/2021 08:00	EE	0.0	9.8	69.8	0.6	337.6
	5/01/2021 09:00	EE	0.0	11.2	63.1	0.7	22.9
	5/01/2021 10:00	EE	0.0	11.9	60.2	0.9	218.6
5	5/01/2021 11:00	EE	0.0	10.8	70.5	2.2	62.5
	5/01/2021 12:00	EE	0.0	12.2	63.5	1.8	66.2
	5/01/2021 13:00	EE	0.0	10.9	70.6	2.4	53.0
	5/01/2021 14:00	EE	0.0	10.4	71.0	2.6	76.2
	5/01/2021 15:00	EE	0.0	9.3	71.1	2.1	57.0
	5/01/2021 16:00	EE	0.0	7.8	77.3	1.6	50.7
	5/01/2021 17:00	EE	0.0	7.6	79.8	1.5	292.2
	5/01/2021 18:00	EE	0.0	7.0	86.2	1.4	278.6
	5/01/2021 19:00	EE	0.0	7.4	85.7	0.5	256.8
	5/01/2021 20:00	EE	0.0	7.3	86.5	0.6	282.0
	5/01/2021 21:00	EE	0.0	7.3	83.4	0.4	291.1
	5/01/2021 22:00	EE	0.0	7.4	82.8	0.1	62.2
	5/01/2021 23:00	EE	0.0	7.6	81.8	0.4	352.0
	6/01/2021 00:00	EE	0.0	7.6	82.2	0.5	285.2
	6/01/2021 01:00	EE	0.0	7.6	82.2	0.1	285.4
	6/01/2021 02:00	EE	0.0	7.6	83.9	0.5	108.4
	6/01/2021 03:00	EE	0.0	7.5	86.4	0.6	141.8
	6/01/2021 04:00	EE	0.0	7.6	85.3	0.4	240.6
	6/01/2021 05:00	EE	0.0	7.5	84.7	0.3	287.5
	6/01/2021 06:00	EE	0.0	7.6	85.6	0.5	288.7
	6/01/2021 07:00	EE	0.0	8.4	79.9	0.8	280.2
	6/01/2021 08:00	EE	0.0	10.0	68.3	0.3	264.4
	6/01/2021 09:00	EE	0.0	11.4	60.8	0.9	170.4
	6/01/2021 10:00	EE	0.0	12.6	60.5	2.0	141.6
6	6/01/2021 11:00	EE	0.0	13.3	59.6	2.4	150.3
	6/01/2021 12:00	EE	0.0	14.7	54.8	2.2	114.9
	6/01/2021 13:00	EE	0.0	14.8	52.2	2.3	131.3
	6/01/2021 14:00	EE	0.0	14.8	51.6	2.8	108.4
	6/01/2021 15:00	EE	0.0	14.3	52.3	2.5	119.7
	6/01/2021 16:00	EE	0.0	13.6	54.4	2.1	66.4
	6/01/2021 17:00	EE	0.0	12.4	59.5	2.3	34.0
	6/01/2021 18:00	EE	0.0	11.1	65.4	1.7	30.7
	6/01/2021 19:00	EE	0.0	10.5	68.0	0.9	41.8
	6/01/2021 20:00	EE	0.0	9.8	72.5	1.2	46.1
	6/01/2021 21:00	EE	0.0	9.2	74.0	1.3	11.1
	6/01/2021 22:00	EE	0.0	9.0	76.0	0.6	79.0
	6/01/2021 23:00	EE	0.0	8.5	78.3	0.9	301.9
	7/01/2021 00:00	EE	0.0	8.1	81.6	1.1	279.2
	7/01/2021 01:00	EE	0.0	7.9	81.4	0.6	291.3
	7/01/2021 02:00	EE	0.0	7.9	76.6	0.9	4.5
	7/01/2021 03:00	EE	0.0	7.7	78.7	0.9	220.7
	7/01/2021 04:00	EE	0.0	7.0	87.0	1.5	279.5
	7/01/2021 05:00	EE	0.0	7.1	85.8	0.5	275.8
	7/01/2021 06:00	EE	0.0	7.4	83.6	0.2	185.3
	7/01/2021 07:00	EE	0.0	7.5	79.5	0.7	82.1
	7/01/2021 08:00	EE	0.0	8.1	77.2	0.9	345.4
	7/01/2021 09:00	EE	0.0	9.4	71.4	1.8	103.8
	7/01/2021 10:00	EE	0.0	9.9	67.7	2.0	90.5
7	7/01/2021 11:00	EE	0.0	10.1	65.9	2.6	113.9
	7/01/2021 12:00	EE	0.0	10.4	63.8	2.4	43.6
	7/01/2021 13:00	EE	0.0	11.5	60.0	2.5	37.0
	7/01/2021 14:00	EE	0.0	11.8	58.8	2.8	39.5
	7/01/2021 15:00	EE	0.0	10.9	61.0	2.0	25.0
	7/01/2021 16:00	EE	0.0	10.5	61.5	1.3	41.9
	7/01/2021 17:00	EE	0.0	10.4	62.9	1.7	282.8
	7/01/2021 18:00	EE	0.0	9.9	65.8	1.6	334.8

	7/01/2021 19:00	EE	0.0	9.1	67.0	2.0	64.0
	7/01/2021 20:00	EE	0.0	8.4	68.6	2.4	65.0
	7/01/2021 21:00	EE	0.0	7.7	71.3	2.4	49.6
	7/01/2021 22:00	EE	0.0	7.1	73.2	2.7	42.7
	7/01/2021 23:00	EE	0.0	7.3	72.4	1.9	20.4
	8/01/2021 00:00	EE	0.0	7.7	72.2	1.2	58.1
	8/01/2021 01:00	EE	0.0	7.2	77.8	1.1	261.8
	8/01/2021 02:00	EE	0.0	6.7	82.2	1.1	276.3
	8/01/2021 03:00	EE	0.0	6.9	81.3	0.2	277.6
	8/01/2021 04:00	EE	0.0	6.8	81.6	1.3	136.4
	8/01/2021 05:00	EE	0.0	6.8	80.8	1.0	137.8
	8/01/2021 06:00	EE	0.0	6.7	82.0	1.0	138.4
	8/01/2021 07:00	EE	0.0	6.8	83.4	0.8	162.3
	8/01/2021 08:00	EE	0.0	8.6	75.9	0.6	164.8
	8/01/2021 09:00	EE	0.0	10.3	68.1	1.0	105.6
	8/01/2021 10:00	EE	0.0	9.2	73.0	1.5	29.8
8	8/01/2021 11:00	EE	0.0	11.4	64.8	1.2	186.7
	8/01/2021 12:00	EE	0.0	13.4	55.5	1.4	201.8
	8/01/2021 13:00	EE	0.0	14.9	52.8	1.2	234.2
	8/01/2021 14:00	EE	0.0	15.1	51.0	2.1	97.1
	8/01/2021 15:00	EE	0.0	15.1	52.4	2.6	111.1
	8/01/2021 16:00	EE	0.0	12.8	56.6	1.7	105.4
	8/01/2021 17:00	EE	0.0	11.4	58.5	1.1	223.1
	8/01/2021 18:00	EE	0.0	10.5	63.4	1.3	208.6
	8/01/2021 19:00	EE	0.0	9.3	71.3	1.0	271.4
	8/01/2021 20:00	EE	0.0	9.0	71.6	1.5	221.1
	8/01/2021 21:00	EE	0.0	8.3	73.7	1.6	203.5
	8/01/2021 22:00	EE	0.0	7.8	76.3	1.1	207.6
	8/01/2021 23:00	EE	0.0	7.5	78.0	0.4	172.8
	9/01/2021 00:00	EE	0.0	7.3	78.6	0.6	200.3
	9/01/2021 01:00	EE	0.0	7.2	79.3	0.6	146.7
	9/01/2021 02:00	EE	0.0	7.3	79.0	0.6	164.5
	9/01/2021 03:00	EE	0.0	7.2	78.8	0.8	204.7
	9/01/2021 04:00	EE	0.0	7.0	80.3	0.9	200.6
	9/01/2021 05:00	EE	0.0	6.9	79.6	0.6	220.2
	9/01/2021 06:00	EE	0.0	6.9	80.6	0.4	168.1
	9/01/2021 07:00	ND	ND	ND	ND	ND	ND
	9/01/2021 08:00	ND	ND	ND	ND	ND	ND
	9/01/2021 09:00	ND	ND	ND	ND	ND	ND
	9/01/2021 10:00	ND	ND	ND	ND	ND	ND
9	9/01/2021 11:00	ND	ND	ND	ND	ND	ND
	9/01/2021 12:00	ND	ND	ND	ND	ND	ND
	9/01/2021 13:00	ND	ND	ND	ND	ND	ND
	9/01/2021 14:00	ND	ND	ND	ND	ND	ND
	9/01/2021 15:00	EE	0.0	15.7	42.4	2.7	95.2
	9/01/2021 16:00	EE	0.0	15.2	45.9	2.4	64.4
	9/01/2021 17:00	EE	0.0	13.8	52.0	2.3	77.1
	9/01/2021 18:00	EE	0.0	11.3	62.6	2.3	66.2
	9/01/2021 19:00	EE	0.0	10.2	67.1	1.9	47.2
	9/01/2021 20:00	EE	0.0	9.8	67.2	1.1	24.6
	9/01/2021 21:00	EE	0.0	9.4	68.2	1.5	101.5
	9/01/2021 22:00	EE	0.0	9.3	67.5	0.9	35.1
	9/01/2021 23:00	EE	0.0	9.4	66.4	0.8	105.6
	10/01/2021 00:00	EE	0.0	8.7	71.9	0.8	139.9
	10/01/2021 01:00	EE	0.0	8.5	73.5	0.6	203.9
	10/01/2021 02:00	EE	0.0	7.8	73.7	0.9	342.1
	10/01/2021 03:00	EE	0.0	6.9	74.8	1.4	0.6
	10/01/2021 04:00	EE	0.0	5.9	77.8	1.3	290.7
	10/01/2021 05:00	EE	0.0	5.6	78.3	1.2	282.0
	10/01/2021 06:00	EE	0.0	6.2	77.0	0.9	285.3
	10/01/2021 07:00	EE	0.0	7.4	74.8	0.9	153.2
	10/01/2021 08:00	EE	0.0	8.3	72.5	1.0	162.7
	10/01/2021 09:00	EE	0.0	10.5	62.2	1.1	188.9
	10/01/2021 10:00	EE	0.0	12.4	54.2	1.6	191.3
10	10/01/2021 11:00	EE	0.0	14.4	48.2	2.6	147.3
	10/01/2021 12:00	EE	0.0	15.0	45.5	3.1	112.3
	10/01/2021 13:00	EE	0.0	15.7	42.9	3.3	132.6
	10/01/2021 14:00	EE	0.0	15.8	43.3	3.0	104.9
	10/01/2021 15:00	EE	0.0	15.6	42.8	3.4	108.7
	10/01/2021 16:00	EE	0.0	15.4	42.9	2.2	112.1
	10/01/2021 17:00	EE	0.0	13.7	51.9	2.4	78.7
	10/01/2021 18:00	EE	0.0	11.6	61.0	2.0	59.9
	10/01/2021 19:00	EE	0.0	10.7	64.8	2.0	65.4
	10/01/2021 20:00	EE	0.0	10.4	63.9	1.3	15.4
	10/01/2021 21:00	EE	0.0	9.9	65.5	1.5	353.1
	10/01/2021 22:00	EE	0.0	8.7	71.2	1.6	280.5
	10/01/2021 23:00	EE	0.0	7.6	74.5	1.7	282.0
	11/01/2021 00:00	EE	0.0	6.8	76.1	1.7	281.1
	11/01/2021 01:00	EE	0.0	6.2	77.2	1.8	273.9
	11/01/2021 02:00	EE	0.0	6.0	77.3	1.4	283.9
	11/01/2021 03:00	EE	0.0	6.0	77.3	1.6	272.7
	11/01/2021 04:00	EE	0.0	6.3	76.3	1.1	275.5
	11/01/2021 05:00	EE	0.0	6.5	76.5	1.0	277.9
	11/01/2021 06:00	EE	0.0	6.7	76.7	0.8	279.0
	11/01/2021 07:00	EE	0.0	7.5	74.3	0.6	276.5
	11/01/2021 08:00	EE	0.0	9.0	70.0	0.4	162.7
	11/01/2021 09:00	EE	0.0	10.6	65.5	0.6	196.1
	11/01/2021 10:00	EE	0.0	11.4	64.9	0.9	194.5
11	11/01/2021 11:00	EE	0.0	12.2	61.9	1.2	203.7
	11/01/2021 12:00	EE	0.0	13.6	55.3	3.2	281.9
	11/01/2021 13:00	EE	0.0	14.2	52.5	2.6	285.2
	11/01/2021 14:00	EE	0.0	14.1	53.5	2.5	279.3
	11/01/2021 15:00	EE	0.0	14.0	54.1	1.9	308.4
	11/01/2021 16:00	EE	0.0	11.8	63.3	1.5	228.6
	11/01/2021 17:00	EE	0.0	9.8	71.6	1.4	284.5

	11/01/2021 18:00	EE	0.0	9.4	74.2	1.2	282.0
	11/01/2021 19:00	EE	0.0	9.1	76.2	1.0	270.5
	11/01/2021 20:00	EE	0.0	9.2	76.0	0.7	274.3
	11/01/2021 21:00	EE	0.0	9.0	76.7	1.3	271.9
	11/01/2021 22:00	EE	0.0	8.9	77.0	0.7	271.0
	11/01/2021 23:00	EE	0.0	8.6	78.3	1.4	278.0
	12/01/2021 00:00	EE	0.0	8.3	79.1	0.5	283.0
	12/01/2021 01:00	EE	0.0	8.0	79.8	0.6	282.4
	12/01/2021 02:00	EE	0.0	7.9	80.5	0.6	266.6
	12/01/2021 03:00	EE	0.0	8.1	78.0	0.5	162.5
	12/01/2021 04:00	EE	0.0	8.1	77.6	0.4	148.2
	12/01/2021 05:00	EE	0.0	8.0	78.8	0.6	136.2
	12/01/2021 06:00	EE	0.0	8.1	78.7	0.9	140.1
	12/01/2021 07:00	EE	0.0	8.4	78.0	0.4	152.4
	12/01/2021 08:00	EE	0.0	9.7	72.4	0.6	269.1
	12/01/2021 09:00	EE	0.0	10.5	67.6	0.6	207.7
	12/01/2021 10:00	EE	0.0	10.3	67.6	0.7	298.6
12	12/01/2021 11:00	EE	0.0	9.6	76.5	0.7	276.3
	12/01/2021 12:00	EE	0.0	11.0	68.4	0.7	225.7
	12/01/2021 13:00	EE	0.0	10.8	66.8	1.6	142.8
	12/01/2021 14:00	EE	0.0	10.2	74.3	1.3	191.3
	12/01/2021 15:00	EE	0.0	10.7	71.0	1.1	161.2
	12/01/2021 16:00	EE	0.0	12.0	63.0	1.1	171.7
	12/01/2021 17:00	EE	0.0	12.9	60.6	0.7	203.3
	12/01/2021 18:00	EE	0.0	12.2	63.2	0.8	323.4
	12/01/2021 19:00	EE	0.0	11.0	67.8	2.1	317.4
	12/01/2021 20:00	EE	0.0	10.2	69.9	1.5	250.1
	12/01/2021 21:00	EE	0.0	10.1	70.8	0.9	248.8
	12/01/2021 22:00	EE	0.0	9.5	74.9	1.0	275.1
	12/01/2021 23:00	EE	0.0	9.3	75.9	0.6	274.4
	13/01/2021 00:00	EE	0.0	9.0	77.4	1.0	273.3
	13/01/2021 01:00	EE	0.0	8.0	84.1	0.9	299.9
	13/01/2021 02:00	EE	0.0	7.2	86.3	1.7	283.0
	13/01/2021 03:00	EE	0.0	6.8	84.4	0.9	277.2
	13/01/2021 04:00	EE	0.0	6.7	83.1	0.8	283.8
	13/01/2021 05:00	EE	0.0	6.7	82.9	0.7	287.1
	13/01/2021 06:00	EE	0.0	6.8	82.8	0.6	276.1
	13/01/2021 07:00	EE	0.0	7.7	78.3	0.6	270.7
	13/01/2021 08:00	EE	0.0	8.7	73.4	0.4	276.5
	13/01/2021 09:00	EE	0.0	9.6	70.3	0.4	160.0
	13/01/2021 10:00	EE	0.0	11.0	68.0	1.2	189.8
13	13/01/2021 11:00	EE	0.0	12.6	62.6	2.0	203.4
	13/01/2021 12:00	EE	0.0	10.8	65.4	2.0	208.8
	13/01/2021 13:00	EE	0.0	12.6	59.9	1.8	185.5
	13/01/2021 14:00	EE	0.0	13.7	58.9	1.4	185.7
	13/01/2021 15:00	EE	0.0	14.0	56.6	1.1	271.2
	13/01/2021 16:00	EE	0.0	13.3	58.0	2.1	67.5
	13/01/2021 17:00	EE	0.0	12.5	60.6	1.6	25.4
	13/01/2021 18:00	EE	0.0	12.3	63.6	0.8	214.5
	13/01/2021 19:00	EE	0.0	11.5	67.0	0.6	209.6
	13/01/2021 20:00	EE	0.0	10.6	72.4	0.7	3.5
	13/01/2021 21:00	EE	0.0	10.4	71.8	0.6	173.7
	13/01/2021 22:00	EE	0.0	10.0	72.4	0.3	136.5
	13/01/2021 23:00	EE	0.0	9.7	74.5	0.5	131.8
	14/01/2021 00:00	EE	0.0	9.4	76.0	0.4	12.4
	14/01/2021 01:00	EE	0.0	9.2	76.6	1.1	307.8
	14/01/2021 02:00	EE	0.0	8.9	77.5	1.1	278.3
	14/01/2021 03:00	EE	0.0	9.1	77.2	0.6	276.0
	14/01/2021 04:00	EE	0.0	9.0	78.1	0.6	273.6
	14/01/2021 05:00	EE	0.0	8.9	79.3	0.7	159.8
	14/01/2021 06:00	EE	0.0	8.9	77.7	0.6	195.5
	14/01/2021 07:00	EE	0.0	9.2	77.1	0.4	194.7
	14/01/2021 08:00	EE	0.0	9.7	74.8	0.6	203.0
	14/01/2021 09:00	EE	0.0	9.9	75.4	0.9	185.2
	14/01/2021 10:00	EE	0.0	10.7	70.4	1.8	95.3
14	14/01/2021 11:00	EE	0.0	11.6	64.2	1.8	117.9
	14/01/2021 12:00	EE	0.0	13.0	58.0	1.4	91.4
	14/01/2021 13:00	EE	0.0	13.6	56.1	1.8	76.9
	14/01/2021 14:00	EE	0.0	13.6	55.5	2.2	68.0
	14/01/2021 15:00	EE	0.0	14.3	54.5	1.8	82.0
	14/01/2021 16:00	EE	0.0	13.7	56.4	1.8	100.7
	14/01/2021 17:00	EE	0.0	13.0	60.1	2.0	94.9
	14/01/2021 18:00	EE	0.0	12.2	60.7	1.8	74.0
	14/01/2021 19:00	EE	0.0	11.0	68.2	2.0	83.2
	14/01/2021 20:00	EE	0.0	10.6	69.1	1.8	96.1
	14/01/2021 21:00	EE	0.0	10.2	70.8	1.4	85.5
	14/01/2021 22:00	EE	0.0	9.5	74.8	1.4	190.3
	14/01/2021 23:00	EE	0.0	8.8	75.9	0.9	209.1
	15/01/2021 00:00	EE	0.0	8.8	73.5	1.3	208.7
	15/01/2021 01:00	EE	0.0	8.3	76.9	1.2	216.7
	15/01/2021 02:00	EE	0.0	7.8	80.1	1.1	212.0
	15/01/2021 03:00	EE	0.0	7.1	84.0	0.8	223.7
	15/01/2021 04:00	EE	0.0	7.0	83.7	0.6	203.2
	15/01/2021 05:00	EE	0.0	7.0	84.3	0.6	146.7
	15/01/2021 06:00	EE	0.0	7.4	83.0	0.7	165.7
	15/01/2021 07:00	EE	0.0	7.7	81.8	0.6	212.0
	15/01/2021 08:00	EE	0.0	8.6	79.1	0.7	204.4
	15/01/2021 09:00	EE	0.0	9.5	73.9	1.0	164.2
	15/01/2021 10:00	EE	0.0	9.0	76.0	1.5	55.2
15	15/01/2021 11:00	EE	0.0	10.3	70.8	1.4	353.7
	15/01/2021 12:00	EE	0.0	10.6	69.2	1.7	320.5
	15/01/2021 13:00	EE	0.0	10.2	69.3	1.8	32.6
	15/01/2021 14:00	EE	0.0	11.3	64.9	1.5	34.3
	15/01/2021 15:00	EE	0.0	11.3	67.0	1.4	27.9
	15/01/2021 16:00	EE	0.0	10.2	75.2	2.1	282.9

	15/01/2021 17:00	EE	0.0	11.5	69.2	0.8	260.3
	15/01/2021 18:00	EE	0.0	11.1	71.0	0.6	295.2
	15/01/2021 19:00	EE	0.0	10.0	76.1	0.6	329.5
	15/01/2021 20:00	EE	0.0	9.5	73.5	0.8	349.1
	15/01/2021 21:00	EE	0.0	9.0	74.6	0.9	324.6
	15/01/2021 22:00	EE	0.0	8.4	77.1	1.1	283.1
	15/01/2021 23:00	EE	0.0	8.3	78.4	0.6	273.9
	16/01/2021 00:00	EE	0.0	8.3	79.3	0.6	287.9
	16/01/2021 01:00	EE	0.0	8.0	82.4	0.7	283.9
	16/01/2021 02:00	EE	0.0	7.9	83.6	0.6	289.1
	16/01/2021 03:00	EE	0.0	7.7	85.0	0.7	287.2
	16/01/2021 04:00	EE	0.0	7.7	84.4	0.2	274.0
	16/01/2021 05:00	EE	0.0	7.7	84.3	0.5	346.2
	16/01/2021 06:00	EE	0.0	7.7	85.1	1.0	278.1
	16/01/2021 07:00	EE	0.0	9.0	79.0	0.4	220.0
	16/01/2021 08:00	EE	0.0	10.6	71.8	0.7	222.7
	16/01/2021 09:00	EE	0.0	12.5	62.6	1.5	156.8
	16/01/2021 10:00	EE	0.0	13.0	59.2	1.4	68.3
16	16/01/2021 11:00	EE	0.0	15.4	48.1	1.4	26.2
	16/01/2021 12:00	EE	0.0	15.0	51.8	2.0	51.7
	16/01/2021 13:00	EE	0.0	10.4	69.8	1.7	267.3
	16/01/2021 14:00	EE	0.0	8.7	79.1	1.0	158.5
	16/01/2021 15:00	EE	0.0	9.0	76.7	0.9	267.0
	16/01/2021 16:00	EE	0.0	8.8	77.2	0.7	284.1
	16/01/2021 17:00	EE	0.0	9.2	76.2	0.8	286.2
	16/01/2021 18:00	EE	0.0	9.4	75.3	0.9	282.7
	16/01/2021 19:00	EE	0.0	9.3	75.2	0.4	353.3
	16/01/2021 20:00	EE	0.0	9.2	77.4	0.4	196.3
	16/01/2021 21:00	EE	0.0	9.1	78.5	0.4	130.2
	16/01/2021 22:00	EE	0.0	8.9	80.0	0.6	145.8
	16/01/2021 23:00	EE	0.0	8.2	83.0	0.6	71.7
	17/01/2021 00:00	EE	0.0	7.8	83.8	0.4	74.5
	17/01/2021 01:00	EE	0.0	7.3	85.2	0.5	282.2
	17/01/2021 02:00	EE	0.0	7.1	81.8	0.9	289.6
	17/01/2021 03:00	EE	0.0	6.7	83.8	0.8	283.7
	17/01/2021 04:00	EE	0.0	6.6	83.3	1.0	288.3
	17/01/2021 05:00	EE	0.0	6.5	84.0	0.8	274.9
	17/01/2021 06:00	EE	0.0	6.4	84.2	0.6	286.9
	17/01/2021 07:00	EE	0.0	7.3	81.1	0.3	191.7
	17/01/2021 08:00	EE	0.0	9.3	73.4	0.5	168.5
	17/01/2021 09:00	EE	0.0	10.9	66.5	0.5	187.7
	17/01/2021 10:00	EE	0.0	12.5	57.9	1.0	169.8
17	17/01/2021 11:00	EE	0.0	14.3	50.6	1.5	151.6
	17/01/2021 12:00	EE	0.0	15.4	47.9	1.6	148.6
	17/01/2021 13:00	EE	0.0	16.7	45.5	2.3	103.9
	17/01/2021 14:00	EE	0.0	15.4	50.4	3.5	109.0
	17/01/2021 15:00	EE	0.0	14.0	56.7	2.7	290.2
	17/01/2021 16:00	EE	0.0	12.8	63.1	2.4	302.9
	17/01/2021 17:00	EE	0.0	9.7	76.9	1.1	153.3
	17/01/2021 18:00	EE	0.0	8.0	86.5	0.4	141.6
	17/01/2021 19:00	EE	0.0	8.0	84.3	0.5	28.6
	17/01/2021 20:00	EE	0.0	8.2	84.6	1.0	290.0
	17/01/2021 21:00	EE	0.0	8.3	84.0	0.7	279.0
	17/01/2021 22:00	EE	0.0	8.1	85.4	0.3	217.3
	17/01/2021 23:00	EE	0.0	7.8	87.0	0.7	152.2
	18/01/2021 00:00	EE	0.0	7.5	88.8	0.7	141.7
	18/01/2021 01:00	EE	0.0	7.6	87.7	0.7	136.9
	18/01/2021 02:00	EE	0.0	7.7	86.8	0.7	138.8
	18/01/2021 03:00	EE	0.0	7.7	87.5	0.4	145.2
	18/01/2021 04:00	EE	0.0	7.7	89.2	0.7	178.7
	18/01/2021 05:00	EE	0.0	7.3	91.1	0.5	226.8
	18/01/2021 06:00	EE	0.0	7.3	91.1	1.2	280.6
	18/01/2021 07:00	EE	0.0	7.5	89.2	1.3	278.9
	18/01/2021 08:00	EE	0.0	7.8	83.0	1.3	273.1
	18/01/2021 09:00	EE	0.0	8.5	78.5	1.9	272.1
	18/01/2021 10:00	EE	0.0	9.0	76.2	2.7	277.6
18	18/01/2021 11:00	EE	0.0	10.3	72.6	1.3	275.8
	18/01/2021 12:00	EE	0.0	11.6	67.6	0.6	288.8
	18/01/2021 13:00	EE	0.0	12.9	61.8	1.3	44.7
	18/01/2021 14:00	EE	0.0	12.9	60.7	2.4	60.5
	18/01/2021 15:00	EE	0.0	9.4	78.2	1.6	285.6
	18/01/2021 16:00	EE	0.0	8.0	85.6	0.9	250.3
	18/01/2021 17:00	EE	0.0	7.0	84.0	1.0	293.0
	18/01/2021 18:00	EE	0.0	6.5	86.8	1.0	285.9
	18/01/2021 19:00	EE	0.0	6.6	88.1	0.5	279.2
	18/01/2021 20:00	EE	0.0	6.8	88.3	0.3	265.9
	18/01/2021 21:00	EE	0.0	6.9	85.4	0.6	215.8
	18/01/2021 22:00	EE	0.0	6.7	83.3	0.7	233.0
	18/01/2021 23:00	EE	0.0	6.7	81.8	0.5	212.7
	19/01/2021 00:00	EE	0.0	6.7	82.9	0.6	137.2
	19/01/2021 01:00	EE	0.0	6.5	84.3	0.4	170.4
	19/01/2021 02:00	EE	0.0	6.4	84.7	0.9	171.6
	19/01/2021 03:00	EE	0.0	6.2	85.3	1.0	210.7
	19/01/2021 04:00	EE	0.0	6.5	80.9	0.8	186.0
	19/01/2021 05:00	EE	0.0	6.5	79.1	0.2	134.7
	19/01/2021 06:00	EE	0.0	6.8	77.9	0.2	176.6
	19/01/2021 07:00	EE	0.0	7.1	73.8	1.7	278.7
	19/01/2021 08:00	EE	0.0	8.0	68.7	0.9	278.5
	19/01/2021 09:00	EE	0.0	9.5	63.8	0.5	218.8
	19/01/2021 10:00	EE	0.0	11.0	61.4	1.5	169.7
19	19/01/2021 11:00	EE	0.0	12.8	57.7	1.3	182.3
	19/01/2021 12:00	EE	0.0	14.8	53.4	1.6	183.9
	19/01/2021 13:00	EE	0.0	14.9	52.7	1.1	192.9
	19/01/2021 14:00	EE	0.0	14.0	58.2	2.0	124.4
	19/01/2021 15:00	EE	0.0	13.5	60.0	2.2	45.6

	19/01/2021 16:00	EE	0.0	14.2	61.0	2.2	51.1
	19/01/2021 17:00	EE	0.0	12.5	66.7	2.3	72.0
	19/01/2021 18:00	EE	0.0	11.2	70.7	2.2	73.3
	19/01/2021 19:00	EE	0.0	10.6	72.1	1.7	90.5
	19/01/2021 20:00	EE	0.0	10.1	72.3	1.7	308.8
	19/01/2021 21:00	EE	0.0	9.1	73.3	1.8	298.6
	19/01/2021 22:00	EE	0.0	8.8	74.3	1.0	302.3
	19/01/2021 23:00	EE	0.0	8.3	79.0	1.3	229.1
	20/01/2021 00:00	EE	0.0	7.4	84.2	0.6	181.0
	20/01/2021 01:00	EE	0.0	7.3	84.6	0.6	221.0
	20/01/2021 02:00	EE	0.0	6.9	87.4	0.6	225.5
	20/01/2021 03:00	EE	0.0	6.6	88.7	0.4	66.3
	20/01/2021 04:00	EE	0.0	6.5	89.3	0.3	154.1
	20/01/2021 05:00	EE	0.0	6.5	89.5	0.3	101.7
	20/01/2021 06:00	EE	0.0	6.6	89.7	0.4	180.0
	20/01/2021 07:00	EE	0.0	6.8	90.1	0.5	129.1
	20/01/2021 08:00	EE	0.0	8.4	82.9	0.9	164.9
	20/01/2021 09:00	EE	0.0	11.2	70.5	1.5	160.7
	20/01/2021 10:00	EE	0.0	13.5	58.4	2.0	116.3
20	20/01/2021 11:00	EE	0.0	14.3	57.6	2.5	57.8
	20/01/2021 12:00	EE	0.0	15.2	53.8	2.9	106.8
	20/01/2021 13:00	EE	0.0	15.6	52.1	2.6	126.3
	20/01/2021 14:00	EE	0.0	15.4	52.0	2.5	96.3
	20/01/2021 15:00	EE	0.0	15.3	53.0	3.1	112.3
	20/01/2021 16:00	EE	0.0	14.6	55.6	2.5	98.7
	20/01/2021 17:00	EE	0.0	12.6	62.6	2.0	62.3
	20/01/2021 18:00	EE	0.0	11.4	67.0	1.9	14.4
	20/01/2021 19:00	EE	0.0	10.9	68.6	1.6	53.4
	20/01/2021 20:00	EE	0.0	10.6	68.3	1.5	44.5
	20/01/2021 21:00	EE	0.0	10.1	70.9	1.1	46.5
	20/01/2021 22:00	EE	0.0	9.4	75.2	2.2	101.1
	20/01/2021 23:00	EE	0.0	9.3	74.4	2.8	92.9
	21/01/2021 00:00	EE	0.0	9.1	75.0	1.7	74.4
	21/01/2021 01:00	EE	0.0	8.9	74.9	2.3	75.7
	21/01/2021 02:00	EE	0.0	8.8	75.0	2.3	95.4
	21/01/2021 03:00	EE	0.0	8.8	75.4	1.3	57.6
	21/01/2021 04:00	EE	0.0	8.8	74.8	1.1	100.2
	21/01/2021 05:00	EE	0.0	8.2	78.3	1.3	284.2
	21/01/2021 06:00	EE	0.0	8.3	73.9	1.0	28.4
	21/01/2021 07:00	EE	0.0	8.9	73.6	1.4	268.5
	21/01/2021 08:00	EE	0.0	9.9	70.0	1.0	283.0
	21/01/2021 09:00	EE	0.0	10.4	69.0	2.0	284.6
	21/01/2021 10:00	EE	0.0	11.3	67.2	2.0	280.2
21	21/01/2021 11:00	EE	0.0	12.5	61.1	3.1	284.9
	21/01/2021 12:00	EE	0.0	13.6	57.6	3.7	287.3
	21/01/2021 13:00	EE	0.0	16.1	47.5	2.6	91.3
	21/01/2021 14:00	EE	0.0	16.1	48.6	2.5	101.2
	21/01/2021 15:00	EE	0.0	14.7	51.7	2.8	114.1
	21/01/2021 16:00	EE	0.0	14.7	53.7	2.2	93.0
	21/01/2021 17:00	EE	0.0	13.5	57.8	2.3	88.4
	21/01/2021 18:00	EE	0.0	11.6	62.0	3.0	76.5
	21/01/2021 19:00	EE	0.0	10.9	60.7	3.4	79.8
	21/01/2021 20:00	EE	0.0	10.6	56.6	2.9	78.6
	21/01/2021 21:00	EE	0.0	10.6	57.0	1.4	108.2
	21/01/2021 22:00	EE	0.0	10.1	63.4	0.9	287.1
	21/01/2021 23:00	EE	0.0	9.8	61.9	0.9	348.3
	22/01/2021 00:00	EE	0.0	9.3	66.6	1.2	142.3
	22/01/2021 01:00	EE	0.0	8.2	71.4	2.5	107.8
	22/01/2021 02:00	EE	0.0	7.4	72.9	1.5	74.8
	22/01/2021 03:00	EE	0.0	6.7	75.4	1.1	61.9
	22/01/2021 04:00	EE	0.0	6.7	73.1	1.2	43.6
	22/01/2021 05:00	EE	0.0	6.7	74.8	0.9	355.2
	22/01/2021 06:00	EE	0.0	6.6	76.6	1.2	339.2
	22/01/2021 07:00	EE	0.0	6.6	75.2	1.6	288.9
	22/01/2021 08:00	EE	0.0	7.2	71.5	1.7	284.2
	22/01/2021 09:00	EE	0.0	9.0	65.5	0.9	278.3
	22/01/2021 10:00	EE	0.0	10.9	60.0	1.0	214.8
22	22/01/2021 11:00	EE	0.0	12.5	53.3	2.0	170.0
	22/01/2021 12:00	EE	0.0	13.4	48.1	2.0	6.7
	22/01/2021 13:00	EE	0.0	14.2	47.1	1.8	32.5
	22/01/2021 14:00	EE	0.0	15.4	45.6	2.8	104.1
	22/01/2021 15:00	EE	0.0	15.7	45.6	2.5	97.7
	22/01/2021 16:00	EE	0.0	15.0	47.7	2.2	85.3
	22/01/2021 17:00	EE	0.0	13.3	51.8	1.9	34.5
	22/01/2021 18:00	EE	0.0	11.1	66.3	1.8	223.5
	22/01/2021 19:00	EE	0.0	8.9	76.4	1.3	291.7
	22/01/2021 20:00	EE	0.0	9.4	67.1	1.7	68.6
	22/01/2021 21:00	EE	0.0	9.4	65.1	1.1	63.1
	22/01/2021 22:00	EE	0.0	9.2	66.5	2.1	102.4
	22/01/2021 23:00	EE	0.0	8.9	67.1	0.9	42.9
	23/01/2021 00:00	EE	0.0	8.6	68.2	0.7	13.2
	23/01/2021 01:00	EE	0.0	8.7	67.8	0.9	306.9
	23/01/2021 02:00	EE	0.0	8.5	67.7	2.0	279.5
	23/01/2021 03:00	EE	0.0	8.4	69.6	0.8	330.3
	23/01/2021 04:00	EE	0.0	8.3	69.5	1.2	14.1
	23/01/2021 05:00	EE	0.0	7.5	71.1	1.6	98.1
	23/01/2021 06:00	EE	0.0	7.7	70.3	1.5	40.2
	23/01/2021 07:00	EE	0.0	8.6	66.0	0.9	50.0
	23/01/2021 08:00	EE	0.0	10.4	59.3	1.2	284.5
	23/01/2021 09:00	EE	0.0	11.1	56.5	2.0	67.4
	23/01/2021 10:00	EE	0.0	12.0	55.7	2.1	72.3
23	23/01/2021 11:00	EE	0.0	12.6	53.3	3.8	139.8
	23/01/2021 12:00	EE	0.0	15.1	45.5	2.6	116.7
	23/01/2021 13:00	EE	0.0	15.9	43.5	2.4	93.9
	23/01/2021 14:00	EE	0.0	16.4	41.7	2.1	96.5

	23/01/2021 15:00	EE	0.0	16.5	43.8	2.7	107.1
	23/01/2021 16:00	EE	0.0	15.7	46.2	2.6	93.0
	23/01/2021 17:00	EE	0.0	13.3	51.2	2.3	68.4
	23/01/2021 18:00	EE	0.0	11.6	59.5	2.6	55.8
	23/01/2021 19:00	EE	0.0	9.9	68.4	2.3	63.3
	23/01/2021 20:00	EE	0.0	9.4	68.5	1.4	58.1
	23/01/2021 21:00	EE	0.0	9.1	69.2	1.1	74.8
	23/01/2021 22:00	EE	0.0	9.0	68.7	0.6	41.2
	23/01/2021 23:00	EE	0.0	9.0	69.0	0.5	357.7
	24/01/2021 00:00	EE	0.0	8.9	69.3	1.3	281.9
	24/01/2021 01:00	EE	0.0	8.4	72.0	1.7	277.6
	24/01/2021 02:00	EE	0.0	8.4	72.5	0.8	278.9
	24/01/2021 03:00	EE	0.0	8.0	74.5	1.3	277.0
	24/01/2021 04:00	EE	0.0	7.4	75.5	1.7	274.8
	24/01/2021 05:00	EE	0.0	7.0	76.2	0.9	284.8
	24/01/2021 06:00	EE	0.0	6.6	78.0	1.2	276.2
	24/01/2021 07:00	EE	0.0	7.5	75.0	1.1	261.4
	24/01/2021 08:00	EE	0.0	10.0	65.6	0.6	259.0
	24/01/2021 09:00	EE	0.0	11.2	60.4	1.1	277.5
	24/01/2021 10:00	EE	0.0	13.2	54.1	1.5	268.9
24	24/01/2021 11:00	EE	0.0	14.3	50.1	2.4	124.0
	24/01/2021 12:00	EE	0.0	14.6	49.2	2.3	104.8
	24/01/2021 13:00	EE	0.0	14.3	50.5	2.6	107.6
	24/01/2021 14:00	EE	0.0	14.6	49.2	1.8	71.3
	24/01/2021 15:00	EE	0.0	14.7	52.7	2.4	146.6
	24/01/2021 16:00	EE	0.0	11.2	70.2	2.1	114.5
	24/01/2021 17:00	EE	0.0	10.5	73.8	1.8	50.2
	24/01/2021 18:00	EE	0.0	9.3	77.6	1.3	106.4
	24/01/2021 19:00	EE	0.0	8.1	83.7	0.8	264.3
	24/01/2021 20:00	EE	0.0	8.4	78.6	1.4	273.2
	24/01/2021 21:00	EE	0.0	8.2	81.5	1.8	281.6
	24/01/2021 22:00	EE	0.0	8.0	83.0	0.9	277.2
	24/01/2021 23:00	EE	0.0	8.2	80.5	0.9	277.8
	25/01/2021 00:00	EE	0.0	8.0	80.0	1.2	275.2
	25/01/2021 01:00	EE	0.0	7.9	79.3	1.1	285.1
	25/01/2021 02:00	EE	0.0	7.8	78.9	0.9	281.1
	25/01/2021 03:00	EE	0.0	7.9	79.4	0.6	280.6
	25/01/2021 04:00	EE	0.0	7.4	83.6	0.4	290.2
	25/01/2021 05:00	EE	0.0	7.6	82.6	0.4	150.2
	25/01/2021 06:00	EE	0.0	7.4	85.9	0.9	140.5
	25/01/2021 07:00	EE	0.0	7.6	87.0	0.7	238.6
	25/01/2021 08:00	EE	0.0	8.5	81.5	0.9	166.8
	25/01/2021 09:00	EE	0.0	11.2	68.0	1.7	148.4
	25/01/2021 10:00	EE	0.0	12.5	59.4	1.8	0.9
25	25/01/2021 11:00	EE	0.0	13.2	58.6	2.5	347.1
	25/01/2021 12:00	EE	0.0	14.0	57.8	2.4	297.6
	25/01/2021 13:00	EE	0.0	14.4	54.6	3.1	328.5
	25/01/2021 14:00	EE	0.0	12.4	60.3	3.2	280.8
	25/01/2021 15:00	EE	0.0	13.2	62.8	2.6	346.0
	25/01/2021 16:00	EE	0.0	11.8	71.2	1.7	342.5
	25/01/2021 17:00	EE	0.0	11.6	73.5	1.6	290.7
	25/01/2021 18:00	EE	0.0	10.9	73.0	1.0	282.0
	25/01/2021 19:00	EE	0.0	9.1	77.9	2.1	305.5
	25/01/2021 20:00	EE	0.0	7.4	88.1	0.9	255.4
	25/01/2021 21:00	EE	0.0	7.3	88.9	0.3	205.1
	25/01/2021 22:00	EE	0.0	7.4	89.0	0.3	128.9
	25/01/2021 23:00	EE	0.0	7.6	89.2	0.5	143.5
	26/01/2021 00:00	EE	0.0	7.9	87.8	0.4	253.3
	26/01/2021 01:00	EE	0.0	8.0	84.1	0.8	278.3
	26/01/2021 02:00	EE	0.0	8.1	82.1	1.1	280.7
	26/01/2021 03:00	EE	0.0	8.1	80.8	0.6	273.0
	26/01/2021 04:00	EE	0.0	8.2	75.6	1.4	296.0
	26/01/2021 05:00	EE	0.0	7.8	76.8	1.1	288.5
	26/01/2021 06:00	EE	0.0	7.7	77.8	1.0	279.6
	26/01/2021 07:00	EE	0.0	8.2	76.2	0.2	273.2
	26/01/2021 08:00	EE	0.0	9.3	71.7	0.4	181.2
	26/01/2021 09:00	EE	0.0	10.7	66.0	0.7	159.5
	26/01/2021 10:00	EE	0.0	11.8	62.0	1.1	152.7
26	26/01/2021 11:00	EE	0.0	13.1	58.9	1.6	148.1
	26/01/2021 12:00	EE	0.0	14.3	57.2	1.7	80.5
	26/01/2021 13:00	EE	0.0	13.7	59.1	2.5	138.2
	26/01/2021 14:00	EE	0.0	10.7	70.2	1.7	207.5
	26/01/2021 15:00	EE	0.0	8.5	79.2	0.7	213.0
	26/01/2021 16:00	EE	0.0	8.4	82.8	0.7	275.1
	26/01/2021 17:00	EE	0.0	8.3	81.8	1.0	281.6
	26/01/2021 18:00	EE	0.0	8.0	84.0	0.6	275.8
	26/01/2021 19:00	EE	0.0	7.5	86.0	1.5	265.7
	26/01/2021 20:00	EE	0.0	7.4	83.8	1.1	274.6
	26/01/2021 21:00	EE	0.0	7.2	81.5	0.7	280.5
	26/01/2021 22:00	EE	0.0	7.0	81.2	0.9	279.0
	26/01/2021 23:00	EE	0.0	6.7	82.0	0.4	271.0
	27/01/2021 00:00	EE	0.0	6.3	82.6	0.9	277.2
	27/01/2021 01:00	EE	0.0	6.0	83.5	0.4	278.5
	27/01/2021 02:00	EE	0.0	5.8	83.6	0.5	273.7
	27/01/2021 03:00	EE	0.0	6.0	82.3	0.8	279.7
	27/01/2021 04:00	EE	0.0	5.9	81.7	0.7	275.4
	27/01/2021 05:00	EE	0.0	5.9	81.7	0.8	272.1
	27/01/2021 06:00	EE	0.0	5.9	81.9	0.6	283.5
	27/01/2021 07:00	EE	0.0	6.6	79.5	0.3	273.2
	27/01/2021 08:00	EE	0.0	8.0	74.6	0.5	133.9
	27/01/2021 09:00	EE	0.0	10.9	62.0	1.0	166.9
	27/01/2021 10:00	EE	0.0	13.4	52.1	0.9	161.5
27	27/01/2021 11:00	EE	0.0	14.8	50.0	1.0	137.6
	27/01/2021 12:00	EE	0.0	16.0	48.2	0.9	203.2
	27/01/2021 13:00	EE	0.0	17.4	44.9	1.6	164.9

27/01/2021 14:00	EE	0.0	18.0	45.8	2.1	98.0
27/01/2021 15:00	EE	0.0	16.9	51.7	2.7	71.8
27/01/2021 16:00	EE	0.0	14.8	59.2	2.6	75.6
27/01/2021 17:00	EE	0.0	12.6	64.6	2.4	76.8
27/01/2021 18:00	EE	0.0	12.0	66.2	2.5	76.5
27/01/2021 19:00	EE	0.0	10.4	71.5	1.5	331.7
27/01/2021 20:00	EE	0.0	8.3	78.1	1.6	274.0
27/01/2021 21:00	EE	0.0	8.2	77.4	1.2	296.0
27/01/2021 22:00	EE	0.0	8.1	78.7	0.7	275.7
27/01/2021 23:00	EE	0.0	7.9	78.4	1.0	272.6
28/01/2021 00:00	EE	0.0	7.5	79.0	1.5	284.0
28/01/2021 01:00	EE	0.0	7.2	79.4	1.0	276.2
28/01/2021 02:00	EE	0.0	6.6	81.3	0.9	276.1
28/01/2021 03:00	EE	0.0	6.3	82.1	0.5	301.3
28/01/2021 04:00	EE	0.0	6.4	82.0	0.5	270.3
28/01/2021 05:00	EE	0.0	6.3	83.3	1.2	282.7
28/01/2021 06:00	EE	0.0	6.0	82.9	1.3	279.9
28/01/2021 07:00	EE	0.0	7.0	78.9	0.9	286.8
28/01/2021 08:00	EE	0.0	9.0	72.0	0.9	260.9
28/01/2021 09:00	EE	0.0	11.4	63.7	1.4	146.9
28/01/2021 10:00	EE	0.0	14.1	49.0	1.0	164.5
28/01/2021 11:00	EE	0.0	16.3	39.6	1.0	96.7
28/01/2021 12:00	EE	0.0	16.0	53.8	2.4	63.8
28/01/2021 13:00	EE	0.0	14.9	58.8	3.6	70.8
28/01/2021 14:00	EE	0.0	15.0	55.4	3.0	96.5
28/01/2021 15:00	EE	0.0	10.6	65.6	2.5	205.3
28/01/2021 16:00	EE	0.0	8.6	74.6	1.5	311.1
28/01/2021 17:00	EE	0.0	9.4	68.8	1.2	345.6
28/01/2021 18:00	EE	0.0	9.6	65.5	0.5	268.0
28/01/2021 19:00	EE	0.0	9.2	67.8	1.4	271.8
28/01/2021 20:00	EE	0.0	8.6	72.1	0.9	265.0
28/01/2021 21:00	EE	0.0	8.1	74.7	1.1	277.4
28/01/2021 22:00	EE	0.0	7.5	76.4	1.3	281.6
28/01/2021 23:00	EE	0.0	6.9	78.0	0.9	279.8
29/01/2021 00:00	EE	0.0	6.5	79.4	0.8	282.0
29/01/2021 01:00	EE	0.0	6.0	80.4	0.6	296.4
29/01/2021 02:00	EE	0.0	5.4	82.5	0.8	291.8

	29/01/2021 03:00	EE	0.0	4.8	84.0	1.0	284.0
	29/01/2021 04:00	EE	0.0	4.3	84.8	1.0	289.1
	29/01/2021 05:00	EE	0.0	3.9	85.8	1.1	277.5
	29/01/2021 06:00	EE	0.0	3.8	85.9	1.0	261.7
	29/01/2021 07:00	EE	0.0	4.3	84.9	1.5	274.7
	29/01/2021 08:00	EE	0.0	5.5	80.7	0.5	245.2
	29/01/2021 09:00	EE	0.0	7.5	73.6	0.5	213.4
	29/01/2021 10:00	EE	0.0	9.1	67.7	0.7	174.5
29	29/01/2021 11:00	EE	0.0	10.7	64.2	1.2	186.4
	29/01/2021 12:00	EE	0.0	12.3	57.9	1.5	130.9
	29/01/2021 13:00	EE	0.0	13.0	55.1	1.7	49.5
	29/01/2021 14:00	EE	0.0	13.8	50.5	1.6	15.9
	29/01/2021 15:00	EE	0.0	14.9	47.0	1.5	312.5
	29/01/2021 16:00	EE	0.0	13.3	52.8	2.0	228.4
	29/01/2021 17:00	EE	0.0	11.7	57.0	2.1	289.2
	29/01/2021 18:00	EE	0.0	10.8	60.5	1.4	294.4
	29/01/2021 19:00	EE	0.0	10.5	63.1	1.1	333.1
	29/01/2021 20:00	EE	0.0	10.2	64.5	0.3	326.3
	29/01/2021 21:00	EE	0.0	10.0	65.2	0.5	356.5
	29/01/2021 22:00	EE	0.0	9.4	67.5	1.5	17.8
	29/01/2021 23:00	EE	0.0	8.9	72.2	1.6	70.3
	30/01/2021 00:00	EE	0.0	8.5	74.8	1.0	273.3
	30/01/2021 01:00	EE	0.0	8.3	75.9	0.8	315.8
	30/01/2021 02:00	EE	0.0	7.6	77.6	1.2	281.8
	30/01/2021 03:00	EE	0.0	7.2	75.8	0.9	292.9
	30/01/2021 04:00	EE	0.0	6.8	73.4	0.9	294.3
	30/01/2021 05:00	EE	0.0	6.8	73.1	1.0	299.5
	30/01/2021 06:00	EE	0.0	6.9	71.3	1.0	282.6
	30/01/2021 07:00	EE	0.0	7.3	72.2	0.9	281.8
	30/01/2021 08:00	EE	0.0	8.5	69.4	0.5	284.7
	30/01/2021 09:00	EE	0.0	8.9	68.7	1.8	23.7
	30/01/2021 10:00	EE	0.0	9.4	64.0	1.3	81.4
	30/01/2021 11:00	EE	0.0	9.0	71.6	1.0	171.7
	30/01/2021 12:00	EE	0.0	8.9	73.6	1.0	26.9
	30/01/2021 13:00	EE	0.0	9.2	76.9	1.1	282.9
	30/01/2021 14:00	EE	0.0	10.1	74.1	1.2	197.0
	30/01/2021 15:00	EE	0.0	10.6	69.8	1.7	284.3
	30/01/2021 16:00	EE	0.0	9.5	77.7	1.6	204.2
	30/01/2021 17:00	EE	0.0	8.6	78.8	1.8	216.7
	30/01/2021 18:00	EE	0.0	8.9	75.2	0.8	221.8
	30/01/2021 19:00	EE	0.0	9.0	74.7	0.4	144.6
	30/01/2021 20:00	EE	0.0	9.1	75.6	0.3	126.4
	30/01/2021 21:00	EE	0.0	9.1	75.3	0.4	314.2
	30/01/2021 22:00	EE	0.0	9.0	76.1	0.6	234.2
	30/01/2021 23:00	EE	0.0	8.9	78.4	0.4	160.9
	31/01/2021 00:00	EE	0.0	8.2	81.0	1.1	285.4
	31/01/2021 01:00	EE	0.0	7.9	76.8	1.7	296.7
	31/01/2021 02:00	EE	0.0	7.5	76.0	1.2	279.9
	31/01/2021 03:00	EE	0.0	7.3	76.5	1.0	280.1
	31/01/2021 04:00	EE	0.0	7.1	77.4	0.7	270.1
	31/01/2021 05:00	EE	0.0	7.0	77.5	0.7	273.4
	31/01/2021 06:00	EE	0.0	7.1	77.2	0.5	276.6
	31/01/2021 07:00	EE	0.0	7.6	75.2	0.5	249.4
	31/01/2021 08:00	EE	0.0	8.7	72.0	0.3	267.7
	31/01/2021 09:00	EE	0.0	10.3	66.3	0.6	204.6
	31/01/2021 10:00	EE	0.0	11.6	61.8	0.7	139.3
30	31/01/2021 11:00	EE	0.0	13.3	55.8	1.2	164.5
	31/01/2021 12:00	EE	0.0	15.7	48.8	2.1	78.3
	31/01/2021 13:00	EE	0.0	16.1	47.5	2.7	82.6
	31/01/2021 14:00	EE	0.0	16.0	49.5	2.4	81.9
	31/01/2021 15:00	EE	0.0	15.4	51.6	2.4	77.8
	31/01/2021 16:00	EE	0.0	14.4	54.4	2.4	86.6
	31/01/2021 17:00	EE	0.0	13.2	56.3	2.5	74.2
	31/01/2021 18:00	EE	0.0	11.2	62.6	2.6	38.6
	31/01/2021 19:00	EE	0.0	10.3	65.5	2.0	61.8
	31/01/2021 20:00	EE	0.0	9.7	69.4	1.7	57.9
	31/01/2021 21:00	EE	0.0	9.5	70.5	1.2	95.0
	31/01/2021 22:00	EE	0.0	9.1	73.0	1.0	323.6
	31/01/2021 23:00	EE	0.0	8.8	75.7	1.0	256.6

EE: Dato que no cumple los criterios de validación a cargo del especialista

ND: Dato no disponible debido al mantenimiento del servidor central del OEFA

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en febrero de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0001-02-2021-412

DATOS DEL EQUIPO

EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
00:00	387.55	16.56	21.38	103.91	38.93	14.31	13.41	274.08	33.69	50.62	182.09	15.25	125.81	15.93	16.98	20.30	12.97	13.05	13.31	15.64	26.78	21.80	IE	IE	IE	EE	7.23	6.58
01:00	326.90	13.23	18.42	29.95	17.50	13.78	13.62	143.81	25.96	46.32	283.88	26.17	32.44	13.86	13.20	15.09	12.81	16.51	15.85	14.23	28.56	196.55	IE	IE	IE	EE	6.60	6.42
02:00	84.99	13.05	13.34	153.95	15.35	15.96	13.47	35.66	103.57	75.27	65.40	15.41	88.03	13.47	13.47	13.18	89.53	33.06	14.93	13.83	32.80	118.45	IE	IE	IE	EE	7.81	36.94
03:00	18.50	14.93	14.17	139.70	15.01	22.48	13.44	22.43	39.85	69.51	182.04	30.44	50.51	13.57	13.05	13.07	39.27	41.24	16.58	15.33	296.56	167.37	IE	IE	IE	EE	32.49	27.56
04:00	16.03	13.28	14.78	172.19	14.78	29.76	23.11	97.94	209.23	37.70	125.97	25.75	63.38	13.07	12.65	13.05	14.23	122.59	26.44	14.96	273.63	136.76	IE	IE	IE	EE	26.93	25.02
05:00	14.65	13.05	12.89	56.75	14.62	27.85	14.20	112.27	44.20	38.07	77.74	31.23	147.72	13.73	12.89	13.13	13.23	60.92	25.75	15.01	621.41	61.62	IE	IE	IE	EE	18.52	747.09
06:00	14.65	13.07	13.02	59.81	15.93	44.41	13.41	31.60	136.21	47.61	58.03	42.02	66.68	14.02	12.89	13.52	13.52	37.89	31.94	14.33	54.55	55.94	IE	IE	IE	EE	132.26	577.53
07:00	32.44	13.34	13.26	748.48	15.62	162.57	13.52	92.22	206.40	51.98	61.73	20.86	93.32	181.23	14.33	257.76	54.92	70.19	38.36	70.32	330.12	90.99	IE	IE	IE	EE	90.63	81.77
08:00	1195.09	21.93	58.16	4103.92	998.01	168.60	17.89	700.14	165.61	493.37	157.62	1008.96	49.20	205.09	15.41	545.09	592.12	1929.21	1894.39	629.64	1039.14	ID	IE	IE	IE	EE	327.21	168.49
09:00	2738.11	418.81	17.74	626.91	819.56	2610.25	21.06	953.37	2495.50	1361.61	518.13	858.21	659.66	49.20	149.31	106.32	2578.03	2032.67	2406.78	273.69	645.75	IE	IE	IE	IE	EE	21.04	909.43
10:00	878.25	542.05	50.78	1414.49	1782.81	1228.73	410.42	1413.96	1273.66	2519.86	1350.45	235.07	1727.44	926.90	2083.82	830.49	1399.63	563.61	1082.11	113.66	1725.95	IE	IE	IE	IE	EE	1767.77	14.15
11:00	17.92	15.54	376.89	972.39	882.26	512.00	333.60	645.96	1044.25	582.45	383.52	168.68	854.51	553.21	572.94	407.88	193.36	116.14	85.49	948.39	304.73	IE	IE	IE	IE	IE	935.29	9.25
12:00	15.04	236.09	65.63	89.45	366.04	756.58	199.78	32.15	233.76	990.73	18.03	16.17	118.08	193.62	262.45	92.41	412.39	93.09	54.71	492.72	187.85	IE	IE	IE	IE	IE	9.90	7.47
13:00	13.94	69.95	1291.16	25.20	76.11	463.03	15.04	18.18	29.37	309.24	16.19	15.35	197.78	107.18	60.97	173.86	17.37	71.45	23.92	19.00	158.35	IE	IE	IE	IE	IE	7.36	255.03
14:00	13.86	12.63	520.25	425.72	933.27	16.51	102.81	178.37	322.84	392.71	15.59	14.99	20.30	61.78	13.73	112.95	15.75	24.31	24.52	13.86	63.43	IE	IE	IE	IE	IE	7.13	130.11
15:00	12.86	12.86	22.58	856.82	760.90	14.70	49.99	327.00	92.56	109.04	14.80	15.77	16.72	14.12	13.62	37.34	14.72	18.73	13.91	13.39	1086.36	IE	IE	IE	IE	IE	115.54	49.23
16:00	12.68	13.31	14.86	767.61	16.95	14.20	22.74	200.74	143.73	214.63	15.56	15.09	126.55	14.86	13.76	13.73	14.91	21.54	13.31	14.33	695.01	IE	IE	IE	EE	IE	288.04	7.94
17:00	12.84	96.02	14.23	490.52	16.95	13.99	15.72	35.16	580.59	18.10	15.38	458.95	14.99	14.23	13.34	14.51	17.82	13.28	13.41	14.25	329.91	IE	IE	IE	EE	IE	1189.19	6.81
18:00	13.55	22.22	13.34	71.45	17.21	14.33	14.62	51.04	351.08	466.33	14.72	896.62	15.43	13.70	13.18	30.44	16.03	14.99	14.10	113.66	21.27	IE	IE	IE	EE	ID	82.37	6.76
19:00	13.52	16.48	13.28	21.64	16.43	14.36	860.85	40.61	1329.00	429.99	14.20	1068.75	15.38	31.89	13.52	13.13	21.54	18.63	13.65	905.42	16.85	IE	IE	IE	EE	9.54	23.84	6.76
20:00	29.16	13.31	12.79	183.56	16.48	13.94	1105.48	120.91	1379.17	177.37	14.57	132.68	47.40	14.04	12.79	12.81	92.70	24.81	29.97	516.87	15.30	IE	IE	IE	EE	8.44	9.48	6.92
21:00	13.96	13.31	23.06	300.25	121.49	13.52	467.59	128.12	457.01	441.00	18.08	913.86	77.26	23.40	12.92	12.81	13.07	12.47	16.64	53.21	14.59	IE	IE	IE	EE	7.31	8.25	6.42
22:00	13.47	13.02	342.36	592.78	16.17	13.47	172.53	57.06	184.13	263.62	14.20	1355.01	27.30	20.41	14.62	13.07	12.84	13.00	14.49	66.10	23.71	IE	IE	IE	EE	7.57	7.68	10.06
23:00	13.26	24.44	1131.79	91.33	14.33	13.39	435.92	314.40	58.01	242.56	13.78	473.25	21.04	14.10	35.97	13.28	12.73	12.39	13.99	79.12	17.74	IE	IE	IE	EE	8.44	7.41	140.46
Promedio de SO_2 en 24 h	**246.0**	**68.9**	**170.4**	**520.8**	**291.8**	**258.9**	**181.8**	**251.1**	**455.8**	**392.9**	**151.3**	**327.3**	**194.0**	**105.7**	**142.2**	**116.2**	**236.5**	**224.0**	**245.8**	**185.0**	**333.8**	**ID**	**IE**	**IE**	**EE**	**ID**	**213.7**	**135.2**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																											

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

IE: Dato no registrado por la interrupción eléctrica en la estación de vigilancia ambiental
EE: Dato que no cumple los criterios de validación a cargo del especialista
ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en febrero de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** 0001-02-2021-412

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
00:00	173.70	14.43	19.61	526.02	241.01	14.94	13.42	294.18	135.05	97.59	229.42	14.41	651.36	21.42	17.16	23.63	13.11	12.87	12.90	14.71	57.33	21.08	IE	IE	IE	EE	7.75	7.22
01:00	271.02	14.35	21.41	421.88	49.25	14.14	13.47	284.60	124.68	51.65	236.18	18.40	210.50	16.94	14.76	23.79	13.02	14.10	13.85	14.62	44.82	78.70	IE	IE	IE	EE	7.42	6.80
02:00	266.48	14.28	17.71	95.94	23.93	14.68	13.50	151.18	54.41	57.40	177.12	18.94	82.09	14.42	14.55	16.19	38.44	20.87	14.70	14.57	29.38	112.27	IE	IE	IE	EE	7.21	16.65
03:00	143.46	13.74	15.31	107.87	15.95	17.41	13.51	67.30	56.46	63.70	177.11	24.01	56.99	13.63	13.24	13.78	47.20	30.27	15.79	14.46	119.31	160.79	IE	IE	IE	EE	15.63	23.64
04:00	39.84	13.75	14.10	155.28	15.05	22.73	16.67	52.01	117.55	60.83	124.47	23.87	67.31	13.37	13.06	13.10	47.68	65.63	19.32	14.71	201.00	140.86	IE	IE	IE	EE	22.41	29.84
05:00	16.39	13.75	13.95	122.88	14.80	26.70	16.92	77.55	97.76	48.43	128.58	29.14	87.20	13.46	12.86	13.08	22.24	74.92	22.92	15.10	397.20	121.92	IE	IE	IE	EE	25.98	266.56
06:00	15.11	13.13	13.56	96.25	15.11	34.01	16.91	80.60	129.88	41.13	87.25	33.00	92.59	13.61	12.81	13.23	13.66	73.80	28.04	14.77	316.53	84.77	IE	IE	IE	EE	59.24	449.88
07:00	20.58	13.15	13.06	288.35	15.39	78.28	13.71	78.70	128.94	45.89	65.83	31.37	102.57	69.66	13.37	94.80	27.22	56.33	32.02	33.22	335.36	69.52	IE	IE	IE	EE	80.47	468.80
08:00	414.06	16.11	28.15	1637.40	343.19	125.19	14.94	274.65	169.41	197.65	92.46	357.28	69.73	133.45	14.21	272.12	220.19	679.10	654.90	238.10	474.60	ID	IE	IE	IE	EE	183.37	275.93
09:00	1321.88	151.36	29.72	1826.44	611.06	980.47	17.49	581.91	955.84	635.65	245.83	629.34	267.39	145.17	59.68	303.06	1075.02	1344.02	1446.51	324.55	671.67	IE	IE	IE	IE	EE	146.29	386.56
10:00	1603.82	327.60	42.23	2048.44	1200.13	1335.86	149.79	1022.49	1311.59	1458.28	675.40	700.75	812.10	393.73	749.51	493.97	1523.26	1508.50	1794.43	339.00	1136.95	IE	IE	IE	IE	EE	705.34	364.02
11:00	1211.43	325.47	148.47	1004.60	1161.54	1450.33	255.03	1004.43	1604.47	1487.97	750.70	420.65	1080.54	509.77	935.36	448.23	1390.34	904.14	1191.46	445.25	892.14	IE	IE	IE	IE	IE	908.03	310.94
12:00	303.74	264.56	164.43	825.44	1010.37	832.44	314.60	697.36	850.56	1364.35	584.00	139.97	900.01	557.91	973.07	443.59	668.46	257.61	407.44	518.26	739.51	IE	IE	IE	IE	IE	904.32	10.29
13:00	15.63	107.19	577.89	362.35	441.47	577.20	182.81	232.10	435.79	627.47	139.25	66.73	390.12	284.67	298.79	224.72	207.71	93.56	54.71	486.70	216.98	IE	IE	IE	IE	IE	317.52	90.58
14:00	14.28	106.22	625.68	180.12	458.47	412.04	105.88	76.23	195.32	564.23	16.60	15.50	112.05	120.86	112.38	126.41	148.50	62.95	34.38	175.19	136.54	IE	IE	IE	IE	IE	8.13	130.87
15:00	13.55	31.81	611.33	435.91	590.09	164.75	55.95	174.52	148.26	270.33	15.53	15.37	78.27	61.03	29.44	108.05	15.95	38.16	20.78	15.42	436.05	IE	IE	IE	IE	IE	43.34	144.79
16:00	13.13	12.93	185.90	683.38	570.37	15.14	58.51	235.37	186.38	238.79	15.32	15.28	54.52	30.25	13.70	54.67	15.13	21.53	17.25	13.86	614.93	IE	IE	IE	EE	IE	136.90	62.43
17:00	12.79	40.73	17.22	704.98	264.93	14.30	29.48	187.63	272.29	113.92	15.25	163.27	52.75	14.40	13.57	21.86	15.82	17.85	13.54	13.99	703.76	IE	IE	IE	EE	IE	530.92	21.33
18:00	13.02	43.85	14.14	443.19	17.04	14.17	17.69	95.65	358.47	233.02	15.22	456.89	52.32	14.26	13.43	19.56	16.25	16.60	13.61	47.41	348.73	IE	IE	IE	EE	ID	519.87	7.17
19:00	13.30	44.91	13.62	194.54	16.86	14.23	297.06	42.27	753.56	304.81	14.77	808.11	15.27	19.94	13.35	19.36	18.46	15.63	13.72	344.44	122.68	IE	IE	IE	EE	ID	431.80	6.78
20:00	18.74	17.34	13.14	92.22	16.71	14.21	660.32	70.85	1019.75	357.90	14.50	699.35	26.07	19.88	13.16	18.79	43.42	19.48	19.24	511.98	17.81	IE	IE	IE	EE	ID	38.56	6.81
21:00	18.88	14.37	16.38	168.48	51.47	13.94	811.31	96.55	1055.06	349.45	15.62	705.10	46.68	23.11	13.08	12.92	42.44	18.64	20.09	491.83	15.58	IE	IE	IE	EE	8.43	13.86	6.70
22:00	18.86	13.21	126.07	358.86	51.38	13.64	581.87	102.03	673.44	294.00	15.62	800.52	50.65	19.28	13.44	12.90	39.54	16.76	20.37	212.06	17.87	IE	IE	IE	EE	7.77	8.47	7.80
23:00	13.56	16.92	499.07	328.12	50.66	13.46	358.68	166.53	233.05	315.73	15.35	914.04	41.87	19.30	21.17	13.05	12.88	12.62	15.04	66.14	18.68	IE	IE	IE	EE	7.77	7.78	52.31

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

IE: Dato no registrado por la interrupción eléctrica en la estación de vigilancia ambiental

EE: Dato que no cumple los criterios de validación a cargo del especialista

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en febrero de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0001-02-2021-412

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/02/2021 00:00	EE	EE	8.5	78.2	1.0	150.4
	1/02/2021 01:00	EE	EE	8.1	78.9	0.5	172.1
	1/02/2021 02:00	EE	EE	8.0	77.2	0.5	210.3
	1/02/2021 03:00	EE	EE	7.8	75.8	1.0	274.6
	1/02/2021 04:00	EE	EE	7.4	77.8	0.7	273.5
	1/02/2021 05:00	EE	EE	7.2	78.9	0.8	279.4
	1/02/2021 06:00	EE	EE	7.3	78.6	0.9	271.6
	1/02/2021 07:00	EE	EE	7.9	75.5	0.4	228.4
	1/02/2021 08:00	EE	EE	9.6	69.6	0.5	156.0
	1/02/2021 09:00	EE	EE	11.3	63.6	0.9	155.1
	1/02/2021 10:00	EE	EE	12.3	58.5	1.0	103.8
	1/02/2021 11:00	EE	EE	13.0	55.7	1.9	66.9
1	1/02/2021 12:00	EE	EE	12.7	56.5	2.4	80.6
	1/02/2021 13:00	EE	EE	13.7	52.6	2.0	123.1
	1/02/2021 14:00	EE	EE	13.9	51.6	2.4	147.6
	1/02/2021 15:00	EE	EE	14.5	46.9	2.0	83.0
	1/02/2021 16:00	EE	EE	14.3	47.6	2.3	83.6
	1/02/2021 17:00	EE	EE	13.2	55.3	2.0	59.9
	1/02/2021 18:00	EE	EE	11.1	63.2	2.0	328.2
	1/02/2021 19:00	EE	EE	10.4	67.6	1.4	279.9
	1/02/2021 20:00	EE	EE	9.9	69.2	0.9	316.8
	1/02/2021 21:00	EE	EE	9.0	71.1	1.4	336.1
	1/02/2021 22:00	EE	EE	7.9	76.3	1.3	281.2
	1/02/2021 23:00	EE	EE	7.0	77.3	1.1	278.3
	2/02/2021 00:00	EE	EE	6.5	78.1	1.1	275.5
	2/02/2021 01:00	EE	EE	6.4	78.3	1.4	278.7
	2/02/2021 02:00	EE	EE	6.0	79.5	0.7	271.5
	2/02/2021 03:00	EE	EE	5.5	80.8	1.1	289.9
	2/02/2021 04:00	EE	EE	5.0	81.9	1.2	284.8
	2/02/2021 05:00	EE	EE	4.7	83.1	0.8	275.2
	2/02/2021 06:00	EE	EE	4.8	83.6	1.1	283.3
	2/02/2021 07:00	EE	EE	5.0	82.7	1.1	278.6
	2/02/2021 08:00	EE	EE	7.2	74.2	0.3	260.2
	2/02/2021 09:00	EE	EE	9.3	67.5	0.6	256.6
	2/02/2021 10:00	EE	EE	11.7	59.7	1.1	270.3
2	2/02/2021 11:00	EE	EE	11.8	61.2	2.1	332.1
	2/02/2021 12:00	EE	EE	14.1	51.3	1.5	41.6
	2/02/2021 13:00	EE	EE	15.6	45.0	1.8	141.6
	2/02/2021 14:00	EE	EE	14.4	47.0	2.9	347.8
	2/02/2021 15:00	EE	EE	9.1	72.7	2.6	302.3
	2/02/2021 16:00	EE	EE	7.5	82.1	1.5	322.2
	2/02/2021 17:00	EE	EE	9.8	69.3	1.1	293.9
	2/02/2021 18:00	EE	EE	9.8	68.8	0.5	26.5
	2/02/2021 19:00	EE	EE	9.7	70.9	1.4	289.4
	2/02/2021 20:00	EE	EE	9.4	71.8	0.4	306.9
	2/02/2021 21:00	EE	EE	8.8	77.6	1.0	286.1
	2/02/2021 22:00	EE	EE	8.8	77.6	1.1	275.7
	2/02/2021 23:00	EE	EE	8.5	74.8	0.9	278.7
	3/02/2021 00:00	EE	EE	8.0	74.4	0.7	278.9
	3/02/2021 01:00	EE	EE	7.4	77.0	0.6	284.7
	3/02/2021 02:00	EE	EE	6.4	80.6	1.0	282.8
	3/02/2021 03:00	EE	EE	5.9	81.0	0.7	282.9
	3/02/2021 04:00	EE	EE	5.4	81.8	0.4	320.7
	3/02/2021 05:00	EE	EE	4.8	83.5	1.1	279.8
	3/02/2021 06:00	EE	EE	4.3	84.0	1.0	281.0
	3/02/2021 07:00	EE	EE	4.7	82.3	1.1	279.3
	3/02/2021 08:00	EE	EE	6.9	74.1	0.7	250.8
	3/02/2021 09:00	EE	EE	10.1	62.9	0.7	271.1
	3/02/2021 10:00	EE	EE	12.7	57.3	1.7	270.2
3	3/02/2021 11:00	EE	EE	14.8	49.1	1.6	128.6
	3/02/2021 12:00	EE	EE	11.1	66.7	2.5	350.6
	3/02/2021 13:00	EE	EE	11.4	67.5	1.0	170.7
	3/02/2021 14:00	EE	EE	13.1	58.9	1.2	64.5
	3/02/2021 15:00	EE	EE	14.9	45.3	2.1	29.9
	3/02/2021 16:00	EE	EE	14.6	55.9	2.8	56.5
	3/02/2021 17:00	EE	EE	11.4	67.8	2.9	33.5
	3/02/2021 18:00	EE	EE	9.4	72.5	1.5	23.2
	3/02/2021 19:00	EE	EE	8.6	75.5	0.8	313.1

	3/02/2021 20:00	EE	EE	7.6	80.2	0.6	250.8
	3/02/2021 21:00	EE	EE	6.6	82.3	0.5	309.0
	3/02/2021 22:00	EE	EE	6.3	82.2	0.8	59.8
	3/02/2021 23:00	EE	EE	6.4	79.7	1.2	208.6
	4/02/2021 00:00	EE	EE	6.2	81.6	0.8	198.2
	4/02/2021 01:00	EE	EE	6.1	81.4	0.5	249.2
	4/02/2021 02:00	EE	EE	6.1	79.1	0.6	149.1
	4/02/2021 03:00	EE	EE	5.9	81.5	0.8	138.6
	4/02/2021 04:00	EE	EE	6.0	82.0	1.0	139.5
	4/02/2021 05:00	EE	EE	6.0	81.9	0.9	135.9
	4/02/2021 06:00	EE	EE	6.1	82.4	0.7	144.7
	4/02/2021 07:00	EE	EE	6.8	78.9	0.9	143.8
	4/02/2021 08:00	EE	EE	8.5	71.0	0.3	213.6
	4/02/2021 09:00	EE	EE	9.8	64.3	0.5	177.0
	4/02/2021 10:00	EE	EE	10.5	61.8	0.8	173.2
4	4/02/2021 11:00	EE	EE	11.3	60.5	0.9	259.9
	4/02/2021 12:00	EE	EE	12.5	59.0	0.7	278.7
	4/02/2021 13:00	EE	EE	13.0	61.0	1.5	108.1
	4/02/2021 14:00	EE	EE	11.9	68.6	1.7	189.3
	4/02/2021 15:00	EE	EE	10.4	75.0	2.2	205.6
	4/02/2021 16:00	EE	EE	10.3	73.1	0.9	231.1
	4/02/2021 17:00	EE	EE	11.4	69.0	0.5	291.2
	4/02/2021 18:00	EE	EE	10.7	73.4	0.9	290.9
	4/02/2021 19:00	EE	EE	10.2	75.8	0.8	286.3
	4/02/2021 20:00	EE	EE	10.2	75.3	0.9	173.0
	4/02/2021 21:00	EE	EE	8.8	80.1	0.6	175.1
	4/02/2021 22:00	EE	EE	8.6	81.6	0.3	299.9
	4/02/2021 23:00	EE	EE	8.7	80.9	0.3	295.4
	5/02/2021 00:00	EE	EE	8.7	78.8	0.8	37.3
	5/02/2021 01:00	EE	EE	8.5	75.7	0.7	326.7
	5/02/2021 02:00	EE	EE	7.9	80.6	1.0	285.1
	5/02/2021 03:00	EE	EE	7.8	80.3	0.6	296.4
	5/02/2021 04:00	EE	EE	7.7	82.1	0.7	278.6
	5/02/2021 05:00	EE	EE	7.6	82.7	0.4	281.5
	5/02/2021 06:00	EE	EE	7.4	84.0	0.4	320.9
	5/02/2021 07:00	EE	EE	7.8	81.9	1.0	282.7
	5/02/2021 08:00	EE	EE	9.8	72.3	0.9	164.6
	5/02/2021 09:00	EE	EE	10.9	67.0	1.1	181.1
	5/02/2021 10:00	EE	EE	11.7	63.5	1.5	153.0
5	5/02/2021 11:00	EE	EE	13.5	58.3	1.5	179.2
	5/02/2021 12:00	EE	EE	13.7	58.0	1.7	222.2
	5/02/2021 13:00	EE	EE	14.1	57.1	1.6	175.4
	5/02/2021 14:00	EE	EE	14.5	56.0	1.7	171.7
	5/02/2021 15:00	EE	EE	14.6	54.9	2.0	122.8
	5/02/2021 16:00	EE	EE	13.6	56.6	2.1	77.8
	5/02/2021 17:00	EE	EE	12.6	60.9	1.8	42.3
	5/02/2021 18:00	EE	EE	12.0	64.8	1.8	74.0
	5/02/2021 19:00	EE	EE	11.1	68.6	1.6	78.5
	5/02/2021 20:00	EE	EE	11.0	70.9	1.2	41.1
	5/02/2021 21:00	EE	EE	9.6	77.6	1.0	246.0
	5/02/2021 22:00	EE	EE	7.6	85.5	0.8	291.1
	5/02/2021 23:00	EE	EE	7.3	87.8	0.2	282.0
	6/02/2021 00:00	EE	EE	7.4	88.1	0.5	290.0
	6/02/2021 01:00	EE	EE	7.3	87.6	1.2	282.3
	6/02/2021 02:00	EE	EE	7.1	88.3	0.8	267.7
	6/02/2021 03:00	EE	EE	7.2	87.8	0.4	277.3
	6/02/2021 04:00	EE	EE	7.2	87.4	0.5	275.7
	6/02/2021 05:00	EE	EE	7.1	88.0	0.4	277.4
	6/02/2021 06:00	EE	EE	7.3	87.0	0.1	261.1
	6/02/2021 07:00	EE	EE	8.3	82.7	0.3	242.3
	6/02/2021 08:00	EE	EE	9.5	75.5	0.3	270.8
	6/02/2021 09:00	EE	EE	10.7	70.2	0.3	210.8
	6/02/2021 10:00	EE	EE	11.8	65.1	0.9	220.6
6	6/02/2021 11:00	EE	EE	13.4	59.2	1.1	209.4
	6/02/2021 12:00	EE	EE	15.2	57.0	1.8	176.7
	6/02/2021 13:00	EE	EE	15.3	56.2	2.7	163.4
	6/02/2021 14:00	EE	EE	15.9	54.5	2.8	114.0
	6/02/2021 15:00	EE	EE	15.4	54.8	3.0	78.9
	6/02/2021 16:00	EE	EE	14.2	56.8	2.4	62.6
	6/02/2021 17:00	EE	EE	13.5	58.5	2.0	7.3
	6/02/2021 18:00	EE	EE	11.8	65.2	1.9	317.7
	6/02/2021 19:00	EE	EE	10.5	72.1	2.2	293.9
	6/02/2021 20:00	EE	EE	10.4	73.2	1.9	294.2
	6/02/2021 21:00	EE	EE	9.2	81.4	1.9	285.1
	6/02/2021 22:00	EE	EE	8.1	86.3	0.9	286.9
	6/02/2021 23:00	EE	EE	8.1	85.8	1.2	284.6
	7/02/2021 00:00	EE	EE	8.2	86.5	0.6	278.4
	7/02/2021 01:00	EE	EE	8.3	86.6	0.6	287.1
	7/02/2021 02:00	EE	EE	8.3	86.8	0.5	282.0
	7/02/2021 03:00	EE	EE	8.3	86.0	0.6	273.4
	7/02/2021 04:00	EE	EE	8.0	87.9	0.8	282.5
	7/02/2021 05:00	EE	EE	7.6	91.7	0.7	278.9
	7/02/2021 06:00	EE	EE	7.5	89.8	0.9	272.5
	7/02/2021 07:00	EE	EE	7.6	85.5	0.9	263.1
	7/02/2021 08:00	EE	EE	8.1	80.7	0.9	291.5
	7/02/2021 09:00	EE	EE	10.3	70.6	0.7	297.7
	7/02/2021 10:00	EE	EE	12.1	64.0	1.2	147.3
7	7/02/2021 11:00	EE	EE	14.4	56.0	1.1	151.9
	7/02/2021 12:00	EE	EE	15.7	51.4	1.6	78.1
	7/02/2021 13:00	EE	EE	16.3	50.8	1.7	87.5
	7/02/2021 14:00	EE	EE	11.5	67.9	1.8	330.6
	7/02/2021 15:00	EE	EE	7.3	76.6	2.1	26.8
	7/02/2021 16:00	EE	EE	9.0	74.0	1.3	40.3
	7/02/2021 17:00	EE	EE	9.2	73.3	2.0	1.1
	7/02/2021 18:00	EE	EE	9.3	72.2	1.0	28.2

	7/02/2021 19:00	EE	EE	9.3	74.2	0.9	235.6
	7/02/2021 20:00	EE	EE	9.2	75.4	0.9	231.5
	7/02/2021 21:00	EE	EE	9.0	76.5	0.9	66.0
	7/02/2021 22:00	EE	EE	8.5	77.8	1.1	47.5
	7/02/2021 23:00	EE	EE	7.9	78.2	1.2	32.5
	8/02/2021 00:00	EE	EE	7.4	80.3	0.2	44.6
	8/02/2021 01:00	EE	EE	6.7	80.2	0.7	9.1
	8/02/2021 02:00	EE	EE	6.2	81.9	0.7	305.8
	8/02/2021 03:00	EE	EE	6.0	81.2	0.7	276.7
	8/02/2021 04:00	EE	EE	6.2	81.2	0.5	294.8
	8/02/2021 05:00	EE	EE	5.8	83.0	0.3	310.4
	8/02/2021 06:00	EE	EE	5.8	83.5	0.2	242.3
	8/02/2021 07:00	EE	EE	6.5	80.7	0.5	274.0
	8/02/2021 08:00	EE	EE	8.4	73.8	0.5	126.3
	8/02/2021 09:00	EE	EE	10.4	65.5	0.5	63.3
	8/02/2021 10:00	EE	EE	14.2	55.9	0.8	196.1
8	8/02/2021 11:00	EE	EE	16.2	49.9	1.5	31.8
	8/02/2021 12:00	EE	EE	16.4	48.4	2.0	30.9
	8/02/2021 13:00	EE	EE	15.2	56.0	1.8	44.3
	8/02/2021 14:00	EE	EE	15.6	54.1	2.0	249.5
	8/02/2021 15:00	EE	EE	11.5	68.9	2.7	111.2
	8/02/2021 16:00	EE	EE	11.4	70.3	1.9	81.1
	8/02/2021 17:00	EE	EE	12.5	67.5	1.1	92.4
	8/02/2021 18:00	EE	EE	11.8	71.5	2.2	93.6
	8/02/2021 19:00	EE	EE	11.2	74.2	1.0	48.0
	8/02/2021 20:00	EE	EE	10.6	76.3	1.3	46.4
	8/02/2021 21:00	EE	EE	10.0	77.4	1.0	37.8
	8/02/2021 22:00	EE	EE	9.2	81.7	0.5	304.1
	8/02/2021 23:00	EE	EE	8.9	79.3	1.1	12.8
	9/02/2021 00:00	EE	EE	8.0	81.8	1.2	269.5
	9/02/2021 01:00	EE	EE	7.6	82.1	0.6	255.7
	9/02/2021 02:00	EE	EE	7.2	85.0	0.3	273.9
	9/02/2021 03:00	EE	EE	7.2	84.5	0.3	288.7
	9/02/2021 04:00	EE	EE	7.2	85.0	0.5	337.8
	9/02/2021 05:00	EE	EE	7.0	84.9	0.3	295.2
	9/02/2021 06:00	EE	EE	7.0	86.1	0.5	11.1
	9/02/2021 07:00	EE	EE	7.5	83.4	1.0	281.8
	9/02/2021 08:00	EE	EE	8.7	76.5	0.4	280.8
	9/02/2021 09:00	EE	EE	10.0	73.0	0.5	136.9
	9/02/2021 10:00	EE	EE	11.8	66.0	0.7	136.2
9	9/02/2021 11:00	EE	EE	14.1	54.4	0.9	179.4
	9/02/2021 12:00	EE	EE	15.5	47.8	1.3	132.8
	9/02/2021 13:00	EE	EE	15.9	46.3	0.7	253.3
	9/02/2021 14:00	EE	EE	16.8	41.5	0.8	156.8
	9/02/2021 15:00	EE	EE	16.8	48.5	1.8	40.4
	9/02/2021 16:00	EE	EE	13.4	60.4	2.8	116.0
	9/02/2021 17:00	EE	EE	10.5	73.4	1.6	90.2
	9/02/2021 18:00	EE	EE	9.2	78.9	0.5	166.0
	9/02/2021 19:00	EE	EE	9.1	81.1	1.0	196.2
	9/02/2021 20:00	EE	EE	8.9	80.6	0.5	186.0
	9/02/2021 21:00	EE	EE	8.8	80.4	0.2	281.5
	9/02/2021 22:00	EE	EE	8.4	83.0	0.8	279.3
	9/02/2021 23:00	EE	EE	7.7	85.1	0.9	289.4
	10/02/2021 00:00	EE	EE	7.1	86.0	1.1	290.5
	10/02/2021 01:00	EE	EE	6.8	86.1	1.1	276.7
	10/02/2021 02:00	EE	EE	6.9	84.6	0.3	302.8
	10/02/2021 03:00	EE	EE	6.9	83.9	0.7	280.4
	10/02/2021 04:00	EE	EE	6.9	84.3	0.8	277.4
	10/02/2021 05:00	EE	EE	7.0	84.6	0.4	291.3
	10/02/2021 06:00	EE	EE	7.1	84.2	0.6	281.3
	10/02/2021 07:00	EE	EE	7.4	83.2	0.7	282.3
	10/02/2021 08:00	EE	EE	8.8	78.2	0.6	270.6
	10/02/2021 09:00	EE	EE	10.7	70.5	0.7	177.0
	10/02/2021 10:00	EE	EE	13.0	59.4	1.2	182.9
10	10/02/2021 11:00	EE	EE	14.9	49.2	1.6	204.1
	10/02/2021 12:00	EE	EE	16.1	43.4	1.4	184.1
	10/02/2021 13:00	EE	EE	15.5	51.0	1.9	143.4
	10/02/2021 14:00	EE	EE	14.6	50.6	1.5	226.0
	10/02/2021 15:00	EE	EE	13.5	58.6	1.6	234.3
	10/02/2021 16:00	EE	EE	13.1	59.9	0.9	333.8
	10/02/2021 17:00	EE	EE	10.8	72.3	1.5	273.3
	10/02/2021 18:00	EE	EE	9.3	80.2	0.6	170.0
	10/02/2021 19:00	EE	EE	9.3	82.0	0.4	166.8
	10/02/2021 20:00	EE	EE	9.3	80.8	0.8	200.7
	10/02/2021 21:00	EE	EE	9.1	79.2	0.4	236.9
	10/02/2021 22:00	EE	EE	9.0	80.3	0.6	116.4
	10/02/2021 23:00	EE	EE	8.9	80.2	0.5	157.3
	11/02/2021 00:00	EE	EE	8.6	82.0	0.3	190.3
	11/02/2021 01:00	EE	EE	8.3	84.3	0.3	144.5
	11/02/2021 02:00	EE	EE	8.2	86.8	0.8	130.5
	11/02/2021 03:00	EE	EE	7.9	87.1	0.6	125.9
	11/02/2021 04:00	EE	EE	7.7	88.2	0.7	122.8
	11/02/2021 05:00	EE	EE	7.4	87.0	1.4	249.3
	11/02/2021 06:00	EE	EE	6.9	81.2	1.4	281.5
	11/02/2021 07:00	EE	EE	7.4	77.9	1.3	277.7
	11/02/2021 08:00	EE	EE	8.5	73.9	1.1	290.0
	11/02/2021 09:00	EE	EE	10.8	66.0	0.9	153.5
	11/02/2021 10:00	EE	EE	13.2	54.0	1.0	165.0
11	11/02/2021 11:00	EE	EE	14.4	51.4	2.2	147.9
	11/02/2021 12:00	EE	EE	15.3	51.2	2.3	127.2
	11/02/2021 13:00	EE	EE	16.0	49.3	2.1	105.5
	11/02/2021 14:00	EE	EE	15.8	50.7	2.6	121.3
	11/02/2021 15:00	EE	EE	15.6	52.5	2.5	95.7
	11/02/2021 16:00	EE	EE	14.4	59.7	2.3	72.2
	11/02/2021 17:00	EE	EE	12.7	65.0	2.1	42.4

	11/02/2021 18:00	EE	EE	11.5	62.3	1.8	346.2
	11/02/2021 19:00	EE	EE	10.6	60.9	1.5	347.0
	11/02/2021 20:00	EE	EE	10.2	62.7	1.3	289.5
	11/02/2021 21:00	EE	EE	9.8	65.1	0.7	278.6
	11/02/2021 22:00	EE	EE	9.2	66.3	0.4	297.6
	11/02/2021 23:00	EE	EE	8.7	71.8	1.8	278.6
	12/02/2021 00:00	EE	EE	8.1	73.4	0.8	296.2
	12/02/2021 01:00	EE	EE	7.7	76.2	0.9	13.8
	12/02/2021 02:00	EE	EE	6.7	78.0	1.5	276.7
	12/02/2021 03:00	EE	EE	6.7	77.8	0.7	302.9
	12/02/2021 04:00	EE	EE	7.0	77.9	0.7	282.4
	12/02/2021 05:00	EE	EE	7.2	76.9	0.2	286.1
	12/02/2021 06:00	EE	EE	7.5	76.8	0.3	320.7
	12/02/2021 07:00	EE	EE	7.9	76.6	0.7	278.3
	12/02/2021 08:00	EE	EE	9.9	70.4	0.9	145.2
	12/02/2021 09:00	EE	EE	11.6	64.2	1.5	142.1
	12/02/2021 10:00	EE	EE	13.5	56.8	1.5	159.8
12	12/02/2021 11:00	EE	EE	15.2	51.2	2.0	126.3
	12/02/2021 12:00	EE	EE	16.2	48.7	2.8	118.9
	12/02/2021 13:00	EE	EE	16.6	50.4	3.1	101.7
	12/02/2021 14:00	EE	EE	15.2	51.6	2.1	35.2
	12/02/2021 15:00	EE	EE	12.6	53.9	1.9	254.9
	12/02/2021 16:00	EE	EE	11.8	57.2	1.8	247.8
	12/02/2021 17:00	EE	EE	12.2	53.1	1.0	197.9
	12/02/2021 18:00	EE	EE	11.9	56.3	1.6	203.4
	12/02/2021 19:00	EE	EE	10.6	62.4	0.9	194.8
	12/02/2021 20:00	EE	EE	9.8	68.0	0.9	303.0
	12/02/2021 21:00	EE	EE	9.8	67.8	0.8	204.5
	12/02/2021 22:00	EE	EE	8.9	72.7	1.3	204.6
	12/02/2021 23:00	EE	EE	8.1	77.0	1.1	197.8
	13/02/2021 00:00	EE	EE	7.8	77.3	0.7	196.0
	13/02/2021 01:00	EE	EE	7.4	78.2	0.7	129.0
	13/02/2021 02:00	EE	EE	6.9	80.3	1.2	131.0
	13/02/2021 03:00	EE	EE	6.5	81.6	0.9	132.8
	13/02/2021 04:00	EE	EE	6.1	83.5	0.7	116.4
	13/02/2021 05:00	EE	EE	5.9	84.6	0.7	161.4
	13/02/2021 06:00	EE	EE	6.0	84.8	1.1	143.2
	13/02/2021 07:00	EE	EE	6.6	78.5	1.0	304.1
	13/02/2021 08:00	EE	EE	7.5	72.4	1.0	282.8
	13/02/2021 09:00	EE	EE	9.5	65.6	1.0	155.6
	13/02/2021 10:00	EE	EE	11.8	59.4	1.5	148.4
13	13/02/2021 11:00	EE	EE	14.8	48.8	1.7	141.1
	13/02/2021 12:00	EE	EE	17.0	35.2	1.2	171.8
	13/02/2021 13:00	EE	EE	18.8	32.0	1.9	51.4
	13/02/2021 14:00	EE	EE	17.6	42.9	2.6	79.5
	13/02/2021 15:00	EE	EE	14.5	52.9	3.4	69.6
	13/02/2021 16:00	EE	EE	13.9	50.1	2.5	91.3
	13/02/2021 17:00	EE	EE	13.5	54.8	1.9	59.3
	13/02/2021 18:00	EE	EE	12.7	60.5	1.0	41.6
	13/02/2021 19:00	EE	EE	11.7	60.6	0.6	326.8
	13/02/2021 20:00	EE	EE	10.8	57.2	0.6	53.2
	13/02/2021 21:00	EE	EE	10.2	60.4	1.9	23.8
	13/02/2021 22:00	EE	EE	9.2	69.3	1.7	20.9
	13/02/2021 23:00	EE	EE	8.2	72.0	1.4	343.6
	14/02/2021 00:00	EE	EE	7.0	74.7	0.8	293.6
	14/02/2021 01:00	EE	EE	5.8	76.4	1.2	285.8
	14/02/2021 02:00	EE	EE	4.9	76.8	1.4	280.4
	14/02/2021 03:00	EE	EE	4.1	77.3	1.2	282.3
	14/02/2021 04:00	EE	EE	3.4	78.2	1.3	279.0
	14/02/2021 05:00	EE	EE	2.9	78.4	1.3	283.1
	14/02/2021 06:00	EE	EE	2.5	78.3	1.2	279.2
	14/02/2021 07:00	EE	EE	3.7	74.5	0.6	245.3
	14/02/2021 08:00	EE	EE	7.1	61.6	0.6	256.1
	14/02/2021 09:00	EE	EE	10.1	48.7	0.8	185.7
	14/02/2021 10:00	EE	EE	12.6	40.9	1.1	163.9
14	14/02/2021 11:00	EE	EE	15.3	34.3	1.5	156.3
	14/02/2021 12:00	EE	EE	18.0	26.4	1.4	209.4
	14/02/2021 13:00	EE	EE	19.3	20.5	1.9	218.1
	14/02/2021 14:00	EE	EE	18.1	35.3	3.1	118.6
	14/02/2021 15:00	EE	EE	15.9	44.4	2.9	70.7
	14/02/2021 16:00	EE	EE	14.3	53.1	2.0	62.7
	14/02/2021 17:00	EE	EE	13.6	54.6	1.7	32.7
	14/02/2021 18:00	EE	EE	13.2	48.5	0.8	305.4
	14/02/2021 19:00	EE	EE	11.8	53.3	1.5	358.1
	14/02/2021 20:00	EE	EE	10.5	58.7	1.9	16.6
	14/02/2021 21:00	EE	EE	9.4	62.3	2.2	16.1
	14/02/2021 22:00	EE	EE	8.7	69.2	1.7	31.9
	14/02/2021 23:00	EE	EE	7.1	72.2	1.5	285.8
	15/02/2021 00:00	EE	EE	6.3	75.5	1.3	276.5
	15/02/2021 01:00	EE	EE	5.5	76.7	1.5	280.6
	15/02/2021 02:00	EE	EE	5.1	76.4	1.2	278.5
	15/02/2021 03:00	EE	EE	4.8	77.9	1.3	282.1
	15/02/2021 04:00	EE	EE	4.6	77.8	1.4	283.7
	15/02/2021 05:00	EE	EE	4.2	78.6	1.3	280.7
	15/02/2021 06:00	EE	EE	3.9	79.3	1.6	274.2
	15/02/2021 07:00	EE	EE	4.3	77.3	1.1	272.2
	15/02/2021 08:00	EE	EE	7.1	65.6	0.4	271.6
	15/02/2021 09:00	EE	EE	10.1	49.3	0.8	191.5
	15/02/2021 10:00	EE	EE	13.2	34.3	1.0	157.4
15	15/02/2021 11:00	EE	EE	16.2	16.4	1.4	177.3
	15/02/2021 12:00	EE	EE	18.4	13.5	1.4	184.5
	15/02/2021 13:00	EE	EE	18.8	19.4	2.2	32.4
	15/02/2021 14:00	EE	EE	17.9	31.7	3.2	54.2
	15/02/2021 15:00	EE	EE	15.3	43.5	3.1	55.6
	15/02/2021 16:00	EE	EE	13.8	47.1	1.9	1.0

	15/02/2021 17:00	EE	EE	13.9	45.3	1.6	297.7
	15/02/2021 18:00	EE	EE	12.9	47.6	1.2	337.6
	15/02/2021 19:00	EE	EE	11.5	55.5	1.1	283.4
	15/02/2021 20:00	EE	EE	11.0	51.6	1.2	353.2
	15/02/2021 21:00	EE	EE	10.2	58.2	1.3	328.0
	15/02/2021 22:00	EE	EE	9.0	65.5	1.3	333.2
	15/02/2021 23:00	EE	EE	8.1	66.8	1.1	336.7
	16/02/2021 00:00	EE	EE	7.0	70.5	1.3	285.5
	16/02/2021 01:00	EE	EE	6.1	73.1	1.2	284.4
	16/02/2021 02:00	EE	EE	5.0	76.2	1.6	282.2
	16/02/2021 03:00	EE	EE	4.3	77.2	1.6	280.9
	16/02/2021 04:00	EE	EE	3.6	78.6	1.4	278.6
	16/02/2021 05:00	EE	EE	2.8	79.3	1.8	281.5
	16/02/2021 06:00	EE	EE	2.2	79.8	1.7	283.3
	16/02/2021 07:00	EE	EE	3.0	76.8	0.9	160.5
	16/02/2021 08:00	EE	EE	6.1	64.9	0.8	147.0
	16/02/2021 09:00	EE	EE	9.4	53.0	1.0	162.2
	16/02/2021 10:00	EE	EE	12.7	29.1	1.4	136.8
16	16/02/2021 11:00	EE	EE	15.5	21.4	1.6	165.0
	16/02/2021 12:00	EE	EE	16.9	19.4	1.1	286.0
	16/02/2021 13:00	EE	EE	17.4	17.4	1.8	334.8
	16/02/2021 14:00	EE	EE	18.4	16.1	1.5	1.3
	16/02/2021 15:00	EE	EE	18.0	26.8	2.2	41.2
	16/02/2021 16:00	EE	EE	15.6	42.2	2.7	78.6
	16/02/2021 17:00	EE	EE	13.6	54.0	2.7	66.7
	16/02/2021 18:00	EE	EE	12.3	54.6	1.9	52.3
	16/02/2021 19:00	EE	EE	11.5	50.8	1.2	330.1
	16/02/2021 20:00	EE	EE	10.5	52.5	0.7	9.7
	16/02/2021 21:00	EE	EE	10.0	53.7	0.6	334.8
	16/02/2021 22:00	EE	EE	9.4	60.1	1.3	281.3
	16/02/2021 23:00	EE	EE	8.6	66.8	1.5	282.7
	17/02/2021 00:00	EE	EE	8.1	68.9	1.7	275.7
	17/02/2021 01:00	EE	EE	7.5	71.2	1.3	281.9
	17/02/2021 02:00	EE	EE	6.8	70.1	0.9	310.9
	17/02/2021 03:00	EE	EE	6.1	69.7	1.2	296.1
	17/02/2021 04:00	EE	EE	5.0	68.4	1.7	284.3
	17/02/2021 05:00	EE	EE	4.4	74.1	1.6	281.1
	17/02/2021 06:00	EE	EE	4.2	72.1	1.6	275.7
	17/02/2021 07:00	EE	EE	5.1	70.6	0.8	271.9
	17/02/2021 08:00	EE	EE	8.0	58.4	0.8	200.8
	17/02/2021 09:00	EE	EE	10.9	41.7	1.2	139.6
	17/02/2021 10:00	EE	EE	13.9	30.6	1.4	148.0
17	17/02/2021 11:00	EE	EE	16.4	27.2	1.1	164.0
	17/02/2021 12:00	EE	EE	17.9	26.8	1.5	131.6
	17/02/2021 13:00	EE	EE	18.2	28.1	1.6	67.0
	17/02/2021 14:00	EE	EE	17.4	35.8	2.5	49.8
	17/02/2021 15:00	EE	EE	15.9	46.0	2.5	53.4
	17/02/2021 16:00	EE	EE	13.6	55.4	2.9	64.5
	17/02/2021 17:00	EE	EE	13.0	49.4	2.7	268.0
	17/02/2021 18:00	EE	EE	11.6	49.5	2.5	257.7
	17/02/2021 19:00	EE	EE	10.8	49.1	1.4	228.3
	17/02/2021 20:00	EE	EE	9.9	51.3	1.1	200.7
	17/02/2021 21:00	EE	EE	9.5	52.3	0.9	274.6
	17/02/2021 22:00	EE	EE	9.2	52.0	1.0	288.8
	17/02/2021 23:00	EE	EE	9.0	51.9	0.9	278.6
	18/02/2021 00:00	EE	EE	8.2	58.3	1.2	265.6
	18/02/2021 01:00	EE	EE	6.6	64.2	1.6	278.9
	18/02/2021 02:00	EE	EE	5.7	66.2	1.1	274.3
	18/02/2021 03:00	EE	EE	5.2	66.8	1.3	270.9
	18/02/2021 04:00	EE	EE	4.8	67.2	1.2	277.8
	18/02/2021 05:00	EE	EE	4.5	67.9	1.5	280.0
	18/02/2021 06:00	EE	EE	4.5	68.0	1.6	273.9
	18/02/2021 07:00	EE	EE	5.3	64.4	0.7	272.1
	18/02/2021 08:00	EE	EE	6.7	61.2	0.6	152.4
	18/02/2021 09:00	EE	EE	8.7	53.1	1.0	160.6
	18/02/2021 10:00	EE	EE	11.6	33.3	1.1	76.5
18	18/02/2021 11:00	EE	EE	13.9	23.2	1.4	78.6
	18/02/2021 12:00	EE	EE	15.0	22.4	1.8	132.8
	18/02/2021 13:00	EE	EE	16.3	21.5	1.2	211.2
	18/02/2021 14:00	EE	EE	17.3	21.4	1.3	122.1
	18/02/2021 15:00	EE	EE	17.0	28.2	2.2	73.8
	18/02/2021 16:00	EE	EE	15.3	37.0	2.0	35.6
	18/02/2021 17:00	EE	EE	13.4	35.1	2.4	221.2
	18/02/2021 18:00	EE	EE	11.6	34.3	2.3	231.5
	18/02/2021 19:00	EE	EE	10.5	32.7	1.4	212.1
	18/02/2021 20:00	EE	EE	9.9	31.6	1.1	295.9
	18/02/2021 21:00	EE	EE	9.3	30.0	0.9	257.2
	18/02/2021 22:00	EE	EE	8.3	32.9	0.7	319.0
	18/02/2021 23:00	EE	EE	6.9	39.7	1.3	275.9
	19/02/2021 00:00	EE	EE	5.9	41.0	1.0	284.4
	19/02/2021 01:00	EE	EE	4.6	42.0	1.6	279.8
	19/02/2021 02:00	EE	EE	3.4	43.9	1.6	271.1
	19/02/2021 03:00	EE	EE	2.6	46.9	1.5	274.3
	19/02/2021 04:00	EE	EE	1.9	50.0	1.3	268.6
	19/02/2021 05:00	EE	EE	0.9	53.4	1.2	273.5
	19/02/2021 06:00	EE	EE	0.1	55.7	1.4	278.4
	19/02/2021 07:00	EE	EE	1.0	51.8	0.6	292.5
	19/02/2021 08:00	EE	EE	4.7	39.6	0.8	91.9
	19/02/2021 09:00	EE	EE	8.4	29.0	1.0	133.1
	19/02/2021 10:00	EE	EE	12.7	17.7	1.1	125.4
19	19/02/2021 11:00	EE	EE	15.5	9.9	1.2	167.6
	19/02/2021 12:00	EE	EE	16.9	9.8	1.3	270.4
	19/02/2021 13:00	EE	EE	18.0	10.6	1.5	265.1
	19/02/2021 14:00	EE	EE	18.5	15.1	2.0	84.2
	19/02/2021 15:00	EE	EE	17.0	29.8	2.9	81.3

	19/02/2021 16:00	EE	EE	14.7	37.9	2.5	57.9
	19/02/2021 17:00	EE	EE	13.7	42.1	2.7	51.0
	19/02/2021 18:00	EE	EE	12.8	45.1	1.8	17.5
	19/02/2021 19:00	EE	EE	12.2	39.2	0.9	217.7
	19/02/2021 20:00	EE	EE	10.8	45.2	1.6	7.4
	19/02/2021 21:00	EE	EE	9.4	48.7	2.0	25.0
	19/02/2021 22:00	EE	EE	8.4	52.2	1.3	350.3
	19/02/2021 23:00	EE	EE	7.1	55.3	1.2	321.1
	20/02/2021 00:00	EE	EE	5.8	60.7	1.3	283.8
	20/02/2021 01:00	EE	EE	5.0	61.7	1.3	277.2
	20/02/2021 02:00	EE	EE	4.4	62.3	1.3	275.2
	20/02/2021 03:00	EE	EE	3.9	62.4	0.9	270.5
	20/02/2021 04:00	EE	EE	3.3	62.8	1.0	271.2
	20/02/2021 05:00	EE	EE	2.7	63.2	1.3	283.1
	20/02/2021 06:00	EE	EE	2.2	64.0	1.2	279.0
	20/02/2021 07:00	EE	EE	3.1	60.5	0.6	287.6
	20/02/2021 08:00	EE	EE	5.2	52.9	0.4	268.8
	20/02/2021 09:00	EE	EE	7.9	41.0	0.6	271.2
	20/02/2021 10:00	EE	EE	11.8	33.7	0.6	242.3
20	20/02/2021 11:00	EE	EE	15.3	30.8	1.4	171.8
	20/02/2021 12:00	EE	EE	16.3	30.8	1.3	171.5
	20/02/2021 13:00	EE	EE	16.8	31.2	1.3	87.1
	20/02/2021 14:00	EE	EE	17.5	32.2	1.7	6.3
	20/02/2021 15:00	EE	EE	17.6	37.4	2.5	71.0
	20/02/2021 16:00	EE	EE	15.5	47.4	2.9	83.2
	20/02/2021 17:00	EE	EE	13.2	54.4	2.2	82.9
	20/02/2021 18:00	EE	EE	11.2	61.8	1.9	110.1
	20/02/2021 19:00	EE	EE	8.4	73.9	1.6	206.0
	20/02/2021 20:00	EE	EE	7.7	79.2	1.0	111.9
	20/02/2021 21:00	EE	EE	8.1	74.2	1.5	287.4
	20/02/2021 22:00	EE	EE	7.9	75.4	0.7	214.7
	20/02/2021 23:00	EE	EE	7.7	75.8	1.0	270.1
	21/02/2021 00:00	EE	EE	7.7	75.2	0.5	229.0
	21/02/2021 01:00	EE	EE	7.5	74.8	0.5	165.2
	21/02/2021 02:00	EE	EE	7.4	73.3	0.3	188.5
	21/02/2021 03:00	EE	EE	7.5	71.0	0.5	188.1
	21/02/2021 04:00	EE	EE	7.1	73.0	0.6	225.4
	21/02/2021 05:00	EE	EE	6.6	72.1	0.6	184.3
	21/02/2021 06:00	EE	EE	6.7	70.7	0.3	223.7
	21/02/2021 07:00	EE	EE	7.0	69.4	0.4	276.7
	21/02/2021 08:00	EE	EE	8.1	63.4	0.5	257.3
	21/02/2021 09:00	EE	EE	10.3	55.2	1.3	178.0
	21/02/2021 10:00	EE	EE	11.2	52.3	1.7	194.5
21	21/02/2021 11:00	EE	EE	12.2	51.6	1.5	195.3
	21/02/2021 12:00	EE	EE	13.3	50.9	1.1	193.5
	21/02/2021 13:00	EE	EE	13.5	54.0	1.3	179.6
	21/02/2021 14:00	EE	EE	12.6	60.1	2.0	277.2
	21/02/2021 15:00	EE	EE	13.5	56.7	1.8	166.1
	21/02/2021 16:00	EE	EE	11.2	64.0	1.9	188.7
	21/02/2021 17:00	EE	EE	8.6	77.8	1.4	13.6
	21/02/2021 18:00	EE	EE	6.2	82.3	2.1	278.2
	21/02/2021 19:00	EE	EE	5.8	81.1	0.7	252.4
	21/02/2021 20:00	EE	EE	5.7	84.2	1.1	286.2
	21/02/2021 21:00	EE	EE	5.6	85.1	1.9	279.2
	21/02/2021 22:00	EE	EE	5.4	85.7	1.3	275.0
	21/02/2021 23:00	EE	EE	4.9	88.5	1.7	273.5
	22/02/2021 00:00	EE	EE	5.1	87.0	1.2	294.3
	22/02/2021 01:00	EE	EE	4.9	87.5	1.3	284.5
	22/02/2021 02:00	EE	EE	4.6	88.3	1.1	286.6
	22/02/2021 03:00	EE	EE	4.8	86.8	0.8	269.7
	22/02/2021 04:00	EE	EE	5.1	85.2	0.6	273.0
	22/02/2021 05:00	EE	EE	5.0	87.6	0.2	249.2
	22/02/2021 06:00	EE	EE	5.0	87.6	0.3	304.5
	22/02/2021 07:00	EE	EE	5.5	86.7	0.7	275.8
	22/02/2021 08:00	EE	EE	6.4	83.4	0.6	234.0
	22/02/2021 09:00	EE	EE	7.5	78.4	0.5	182.9
	22/02/2021 10:00	EE	EE	9.0	75.0	0.8	171.6
22	22/02/2021 11:00	EE	EE	11.2	64.2	1.7	45.1
	22/02/2021 12:00	EE	EE	11.5	64.3	2.3	51.4
	22/02/2021 13:00	EE	EE	12.2	62.8	2.4	40.8
	22/02/2021 14:00	EE	EE	12.6	60.0	2.5	37.4
	22/02/2021 15:00	EE	EE	13.1	60.1	2.6	38.2
	22/02/2021 16:00	EE	EE	13.1	58.5	2.3	25.4
	22/02/2021 17:00	EE	EE	12.1	61.4	2.1	35.6
	22/02/2021 18:00	EE	EE	11.0	66.8	1.4	41.7
	22/02/2021 19:00	EE	EE	10.2	69.8	1.3	84.5
	22/02/2021 20:00	EE	EE	9.7	72.7	1.4	46.6
	22/02/2021 21:00	EE	EE	9.6	73.4	0.7	39.5
	22/02/2021 22:00	EE	EE	9.3	73.3	0.8	49.2
	22/02/2021 23:00	EE	EE	9.1	73.1	0.9	106.1
	23/02/2021 00:00	EE	EE	8.5	76.1	1.2	163.4
	23/02/2021 01:00	EE	EE	7.4	80.1	1.0	202.8
	23/02/2021 02:00	EE	EE	7.2	80.4	0.8	179.8
	23/02/2021 03:00	EE	EE	7.1	80.5	1.0	145.2
	23/02/2021 04:00	EE	EE	6.9	81.0	0.7	164.9
	23/02/2021 05:00	EE	EE	6.8	82.3	0.7	169.1
	23/02/2021 06:00	EE	EE	6.8	82.1	0.8	171.4
	23/02/2021 07:00	EE	EE	7.2	80.3	0.9	155.7
	23/02/2021 08:00	EE	EE	8.5	75.5	1.0	169.0
	23/02/2021 09:00	EE	EE	10.8	65.5	1.9	166.0
	23/02/2021 10:00	EE	EE	12.6	58.5	2.5	94.6
23	23/02/2021 11:00	EE	EE	13.6	57.4	2.2	76.9
	23/02/2021 12:00	EE	EE	14.7	54.1	2.4	53.0
	23/02/2021 13:00	EE	EE	13.9	58.0	3.2	62.4
	23/02/2021 14:00	EE	EE	13.1	59.2	3.2	40.0

	23/02/2021 15:00	EE	EE	13.7	56.8	3.0	43.8
	23/02/2021 16:00	EE	EE	13.3	57.5	2.2	44.5
	23/02/2021 17:00	EE	EE	12.6	59.1	2.3	32.0
	23/02/2021 18:00	EE	EE	11.8	63.4	1.9	35.5
	23/02/2021 19:00	EE	EE	10.8	68.2	1.9	23.1
	23/02/2021 20:00	EE	EE	10.3	69.8	1.9	51.0
	23/02/2021 21:00	EE	EE	10.1	71.3	0.9	29.0
	23/02/2021 22:00	EE	EE	9.6	72.3	0.8	63.8
	23/02/2021 23:00	EE	EE	9.5	71.1	1.0	20.2
	24/02/2021 00:00	EE	EE	8.9	74.9	0.8	40.9
	24/02/2021 01:00	EE	EE	8.2	76.9	1.1	28.2
	24/02/2021 02:00	EE	EE	7.5	77.3	1.3	14.3
	24/02/2021 03:00	EE	EE	7.8	77.4	0.6	163.0
	24/02/2021 04:00	EE	EE	7.5	80.8	0.6	181.6
	24/02/2021 05:00	EE	EE	7.1	83.1	0.6	201.1
	24/02/2021 06:00	EE	EE	7.0	84.1	0.8	134.2
	24/02/2021 07:00	EE	EE	7.7	81.6	0.6	142.9
	24/02/2021 08:00	EE	EE	9.3	72.4	1.3	341.7
	24/02/2021 09:00	EE	EE	11.3	61.9	1.5	14.2
	24/02/2021 10:00	EE	EE	12.7	57.4	1.9	36.3
24	24/02/2021 11:00	EE	EE	14.0	51.9	2.2	41.5
	24/02/2021 12:00	EE	EE	14.3	50.5	3.1	31.2
	24/02/2021 13:00	EE	EE	13.9	52.8	3.0	53.6
	24/02/2021 14:00	EE	EE	14.9	48.8	2.5	60.6
	24/02/2021 15:00	EE	EE	14.4	50.4	2.7	61.8
	24/02/2021 16:00	EE	EE	14.6	50.9	2.0	36.0
	24/02/2021 17:00	EE	EE	12.8	58.5	2.5	70.6
	24/02/2021 18:00	EE	EE	11.5	65.2	2.2	35.3
	24/02/2021 19:00	EE	EE	10.7	67.4	1.6	33.8
	24/02/2021 20:00	EE	EE	10.5	69.0	1.3	19.6
	24/02/2021 21:00	EE	EE	10.2	70.3	1.2	18.4
	24/02/2021 22:00	EE	EE	9.4	74.8	1.4	48.0
	24/02/2021 23:00	EE	EE	9.1	76.3	0.8	64.3
	25/02/2021 00:00	EE	EE	8.5	76.0	1.1	79.0
	25/02/2021 01:00	EE	EE	8.4	75.1	0.8	318.3
	25/02/2021 02:00	EE	EE	8.2	78.9	0.7	209.7
	25/02/2021 03:00	EE	EE	7.5	84.0	0.6	156.9
	25/02/2021 04:00	EE	EE	7.2	86.1	0.3	147.1
	25/02/2021 05:00	EE	EE	7.7	81.6	0.5	202.1
	25/02/2021 06:00	EE	EE	7.9	79.5	0.6	221.8
	25/02/2021 07:00	EE	EE	8.3	77.5	0.7	221.4
	25/02/2021 08:00	EE	EE	9.6	72.2	1.1	171.3
	25/02/2021 09:00	EE	EE	11.2	61.7	1.6	64.3
	25/02/2021 10:00	EE	EE	12.2	57.8	2.6	51.2
25	25/02/2021 11:00	EE	EE	13.9	50.2	2.4	95.7
	25/02/2021 12:00	EE	EE	14.7	44.9	2.0	94.7
	25/02/2021 13:00	EE	EE	15.1	43.5	2.4	64.8
	25/02/2021 14:00	EE	EE	15.1	45.6	3.1	67.9
	25/02/2021 15:00	EE	EE	13.9	52.7	3.7	56.9
	25/02/2021 16:00	EE	EE	13.6	53.3	2.4	55.6
	25/02/2021 17:00	EE	EE	12.5	56.7	2.1	38.5
	25/02/2021 18:00	EE	EE	12.0	58.0	1.6	55.3
	25/02/2021 19:00	EE	EE	11.3	60.9	1.9	74.8
	25/02/2021 20:00	EE	EE	10.4	65.6	2.4	86.3
	25/02/2021 21:00	EE	EE	9.8	67.4	1.7	19.2
	25/02/2021 22:00	EE	EE	8.8	71.7	1.2	268.1
	25/02/2021 23:00	EE	EE	8.0	73.5	1.5	278.3
	26/02/2021 00:00	EE	EE	7.6	73.9	1.5	311.0
	26/02/2021 01:00	EE	EE	6.6	76.8	1.4	300.2
	26/02/2021 02:00	EE	EE	5.9	77.9	1.4	284.8
	26/02/2021 03:00	EE	EE	5.0	79.2	1.5	277.0
	26/02/2021 04:00	EE	EE	4.4	80.0	1.7	282.3
	26/02/2021 05:00	EE	EE	3.9	81.1	1.6	280.3
	26/02/2021 06:00	EE	EE	4.0	80.2	1.1	277.3
	26/02/2021 07:00	EE	EE	5.0	77.9	0.7	286.9
	26/02/2021 08:00	EE	EE	7.8	68.2	0.6	204.1
	26/02/2021 09:00	EE	EE	9.1	66.0	0.7	171.1
	26/02/2021 10:00	EE	EE	10.5	62.0	1.2	188.0
26	26/02/2021 11:00	EE	EE	12.3	58.3	1.8	171.5
	26/02/2021 12:00	EE	EE	13.2	56.5	1.7	193.5
	26/02/2021 13:00	EE	EE	15.3	48.0	1.7	109.1
	26/02/2021 14:00	EE	EE	14.7	49.5	2.3	177.7
	26/02/2021 15:00	EE	EE	12.8	55.9	2.2	264.5
	26/02/2021 16:00	EE	EE	13.0	57.2	1.4	188.7
	26/02/2021 17:00	EE	EE	13.3	56.7	1.5	171.1
	26/02/2021 18:00	EE	EE	12.9	58.1	2.0	113.6
	26/02/2021 19:00	EE	EE	12.2	59.4	1.6	69.1
	26/02/2021 20:00	EE	EE	11.4	62.4	2.4	89.6
	26/02/2021 21:00	EE	EE	10.9	64.4	1.4	91.7
	26/02/2021 22:00	EE	EE	10.6	66.5	1.9	100.1
	26/02/2021 23:00	EE	EE	10.2	67.4	0.7	82.5
	27/02/2021 00:00	EE	EE	9.7	68.6	1.0	9.4
	27/02/2021 01:00	EE	EE	9.3	69.7	1.4	349.1
	27/02/2021 02:00	EE	EE	8.9	75.3	1.5	275.9
	27/02/2021 03:00	EE	EE	8.9	74.8	0.5	212.0
	27/02/2021 04:00	EE	EE	8.5	76.1	0.3	160.4
	27/02/2021 05:00	EE	EE	8.4	77.6	0.6	272.5
	27/02/2021 06:00	EE	EE	8.2	78.0	0.7	143.8
	27/02/2021 07:00	EE	EE	8.2	78.4	1.1	143.8
	27/02/2021 08:00	EE	EE	9.6	74.0	0.6	154.6
	27/02/2021 09:00	EE	EE	12.1	62.9	1.0	280.9
	27/02/2021 10:00	EE	EE	13.2	56.4	1.2	168.9
27	27/02/2021 11:00	EE	EE	14.1	52.4	1.8	163.4
	27/02/2021 12:00	EE	EE	14.1	50.4	1.9	94.5
	27/02/2021 13:00	EE	EE	14.9	48.9	2.0	112.9

27/02/2021 14:00	EE	EE	14.7	49.6	2.3	79.8
27/02/2021 15:00	EE	EE	12.1	65.4	2.1	162.9
27/02/2021 16:00	EE	EE	10.6	75.4	0.9	160.5
27/02/2021 17:00	EE	EE	12.0	69.0	1.2	87.5
27/02/2021 18:00	EE	EE	9.8	77.9	1.3	135.7
27/02/2021 19:00	EE	EE	8.8	80.3	0.4	253.7
27/02/2021 20:00	EE	EE	8.8	78.2	0.8	294.9
27/02/2021 21:00	EE	EE	8.9	77.6	0.4	311.6
27/02/2021 22:00	EE	EE	9.0	76.2	0.9	356.4
27/02/2021 23:00	EE	EE	9.2	70.0	0.5	55.5
28/02/2021 00:00	EE	EE	8.8	74.3	1.6	281.1
28/02/2021 01:00	EE	EE	8.6	76.4	1.4	283.8
28/02/2021 02:00	EE	EE	8.3	81.2	1.5	287.2
28/02/2021 03:00	EE	EE	8.1	82.9	1.5	283.7

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28/02/2021 04:00	EE	EE	7.6	83.4	0.8	287.0
28/02/2021 05:00	EE	EE	7.9	79.2	1.2	207.5
28/02/2021 06:00	EE	EE	8.2	75.9	0.4	223.2
28/02/2021 07:00	EE	EE	8.8	73.5	0.4	211.6
28/02/2021 08:00	EE	EE	9.5	69.9	0.4	249.9
28/02/2021 09:00	EE	EE	9.6	69.5	1.4	126.7
28/02/2021 10:00	EE	EE	9.4	74.8	1.3	44.5
28/02/2021 11:00	EE	EE	11.0	65.5	1.5	89.4
28/02/2021 12:00	EE	EE	12.6	61.9	2.1	67.6
28/02/2021 13:00	EE	EE	10.0	71.2	3.0	202.7
28/02/2021 14:00	EE	EE	9.7	74.2	1.4	219.2
28/02/2021 15:00	EE	EE	11.8	68.1	1.3	17.5
28/02/2021 16:00	EE	EE	12.1	64.4	2.0	29.0
28/02/2021 17:00	EE	EE	11.9	63.3	1.7	40.3
28/02/2021 18:00	EE	EE	10.8	69.2	2.0	51.7
28/02/2021 19:00	EE	EE	10.1	71.6	1.7	69.3
28/02/2021 20:00	EE	EE	9.8	72.9	1.4	88.0
28/02/2021 21:00	EE	EE	9.7	72.5	1.5	58.6
28/02/2021 22:00	EE	EE	8.4	79.2	1.0	135.4
28/02/2021 23:00	EE	EE	7.4	85.3	1.0	261.5

EE: Dato que no cumple los criterios de validación a cargo del especialista

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en marzo de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0008-3-2021-103
DATOS DEL EQUIPO			
EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	42.05	10.69	60.16	6.24	10.14	5.97	7.76	335.26	10.56	854.59	681.75	208.42	1408.77	383.65	8.44	8.17	8.28	8.33	9.64	7.91	8.36	8.46	7.91	8.23	8.04	8.02	8.28	8.17	8.44	8.20	8.15
01:00	21.72	7.65	15.41	6.05	8.67	6.05	114.10	1050.10	15.64	68.28	1223.80	150.23	657.23	255.24	8.28	8.31	8.04	8.72	8.59	7.94	8.23	7.99	8.17	7.89	8.07	8.20	8.12	8.25	8.46	8.20	8.12
02:00	13.57	9.64	19.96	6.00	26.59	20.57	102.23	482.50	7.36	20.15	369.18	88.82	55.44	336.33	8.25	8.07	8.17	8.80	8.54	7.94	8.36	8.20	7.96	8.02	8.12	8.41	8.46	8.07	8.17	8.02	8.12
03:00	10.48	7.07	9.75	6.31	56.93	141.53	93.06	17.11	7.20	25.52	20.33	92.33	102.08	378.17	8.52	8.23	8.41	8.31	8.31	8.10	8.17	8.31	8.07	8.12	8.54	8.07	7.94	8.07	8.12	8.31	8.07
04:00	9.62	6.89	7.81	15.12	58.56	217.38	180.49	52.90	9.62	22.82	659.85	152.09	26.12	243.58	8.52	8.23	8.25	8.20	8.44	7.99	8.54	8.23	7.96	8.25	8.36	8.07	8.17	8.44	8.41	8.59	8.25
05:00	8.86	7.23	14.86	7.28	9.22	69.88	117.04	82.27	7.55	28.27	33.14	152.06	109.54	16.40	8.44	8.44	8.44	8.59	8.41	7.96	8.59	8.78	8.02	8.93	8.96	8.31	8.02	8.12	8.07	8.25	8.54
06:00	11.55	8.10	78.29	10.79	25.96	11.40	106.74	32.44	7.13	22.85	32.54	187.20	31.81	11.74	8.80	8.15	8.41	10.03	8.33	8.52	8.91	8.62	8.04	8.62	9.09	8.25	8.28	8.10	8.17	8.07	8.67
07:00	13.07	8.25	254.95	17.50	66.50	56.46	78.86	469.50	7.41	27.04	125.24	74.12	403.53	11.50	8.96	8.99	8.49	11.97	8.75	8.86	8.93	9.12	8.33	9.98	8.72	8.57	8.70	8.44	8.46	8.62	8.91
08:00	261.55	776.88	783.85	23.03	458.37	59.55	557.38	493.16	108.31	15.67	473.20	158.25	423.34	11.19	9.48	8.96	8.59	11.58	9.62	8.54	8.86	8.86	8.49	9.38	8.33	8.49	8.72	8.62	8.15	9.90	8.80
09:00	1359.73	621.57	1013.23	1095.53	8.20	1087.30	222.83	1734.57	1078.79	14.54	302.79	275.20	1014.41	19.36	ID	9.04	8.54	9.93	9.56	8.44	8.07	8.65	8.72	9.12	8.52	8.70	8.31	8.23	8.44	9.01	8.54
10:00	772.59	860.17	835.36	483.84	6.52	703.68	287.60	357.24	885.01	15.80	731.98	1101.81	419.93	VF	VF	8.83	8.44	8.59	9.07	8.02	8.49	8.65	10.19	8.59	8.86	8.49	8.70	7.96	8.41	9.35	8.70
11:00	809.79	580.09	262.34	7.15	6.00	422.45	666.97	31.73	1008.31	9.54	177.22	939.43	388.49	VF	VF	8.78	8.65	8.59	8.72	8.12	8.38	9.38	10.24	8.72	8.31	8.44	8.46	7.96	8.36	8.65	8.38
12:00	720.24	7.62	8.28	6.34	294.93	582.90	1739.23	733.57	763.39	1381.42	9.20	1837.51	9.51	VF	VF	8.67	8.59	8.38	8.36	8.44	8.33	9.12	9.59	8.52	8.23	9.04	8.41	8.15	8.52	8.46	8.41
13:00	10.09	6.55	7.05	5.71	240.96	8.65	12.50	58.66	47.61	300.30	7.44	1525.15	88.92	VF	VF	8.62	8.07	8.31	8.67	8.70	8.38	8.31	9.77	8.65	8.91	8.72	8.33	8.17	8.10	8.31	8.75
14:00	11.79	6.18	6.47	5.61	6.08	7.26	7.86	7.34	7.68	18.71	7.49	72.84	VF	VF	8.23	8.41	8.25	8.36	8.44	8.59	8.20	8.20	8.96	8.70	8.72	8.72	8.23	8.07	8.17	8.49	8.44
15:00	18.39	6.10	6.10	5.97	5.84	6.65	6.89	6.65	161.86	7.62	27.56	29.55	VF	VF	8.46	8.41	8.67	8.15	8.54	9.01	8.59	8.04	9.01	8.36	8.44	8.72	8.04	8.49	8.07	8.54	8.44
16:00	10.30	6.03	6.50	5.76	5.69	6.60	6.92	7.05	82.61	7.28	10.61	9.01	VF	ID	8.44	8.17	8.59	8.44	8.33	9.35	9.01	8.12	8.72	8.36	8.54	9.12	8.17	8.33	8.44	8.23	8.70
17:00	7.44	5.97	5.97	6.37	6.31	7.05	7.41	59.79	9.38	7.13	9.12	ID	VF	8.67	8.17	8.52	8.46	8.52	8.83	8.10	8.12	8.41	8.23	8.28	8.46	8.33	8.17	8.54	8.44	8.46	8.44
18:00	7.07	6.37	6.26	6.94	6.71	7.49	7.26	8.33	7.70	6.37	35.58	10.17	8.31	8.59	9.80	8.44	8.17	8.46	17.95	8.04	8.07	8.20	8.36	8.41	8.67	8.20	8.25	10.27	8.83	8.15	8.59
19:00	6.45	6.50	7.26	6.42	6.52	6.97	7.05	7.41	208.76	6.55	363.08	8.88	7.76	8.67	8.46	8.33	8.36	8.59	8.72	8.10	8.25	8.46	9.12	8.25	8.70	8.44	8.54	19.44	8.52	8.12	8.49
20:00	6.24	499.03	6.97	6.86	6.13	6.79	6.79	7.39	722.46	94.95	1189.53	1209.31	7.62	8.70	8.36	8.41	8.54	8.49	8.36	8.31	8.49	8.23	8.86	8.15	8.31	8.62	8.31	8.65	8.20	8.12	8.33
21:00	6.05	320.98	6.65	7.28	6.24	7.00	6.84	9.07	475.14	176.30	413.15	2435.42	7.81	8.72	8.38	8.17	8.17	8.28	7.99	8.44	8.25	8.23	8.12	8.33	8.44	8.67	8.23	8.17	8.07	8.20	8.25
22:00	23.76	37.15	6.47	28.22	6.29	6.52	6.42	7.44	180.99	210.07	123.93	480.27	302.45	8.70	8.17	8.41	8.12	8.20	8.41	8.36	8.15	8.07	8.33	8.23	8.54	8.59	8.31	8.23	8.04	8.25	8.59
23:00	98.43	58.16	6.47	6.97	6.13	6.50	11.92	7.65	312.46	338.16	860.49	321.40	200.33	8.52	8.36	8.31	8.33	9.41	8.15	8.36	8.36	8.25	8.25	8.52	8.15	8.41	8.07	8.15	8.17	8.75	8.57
Promedio de SO_2 en 24 h	**177.5**	**161.3**	**143.2**	**74.3**	**55.8**	**144.3**	**181.8**	**252.5**	**255.5**	**153.3**	**328.7**	**500.8**	**283.7**	**ID**	**8.6**	**8.5**	**8.4**	**8.9**	**9.0**	**8.3**	**8.4**	**8.5**	**8.6**	**8.5**	**8.5**	**8.5**	**8.3**	**8.8**	**8.3**	**8.5**	**8.5**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																														

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

VF: Verificacion intermedia del analizador automatico de SO_2

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en marzo de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** 0008-3-2021-103

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
00:00	64.19	44.29	51.82	6.39	15.11	6.13	6.93	117.87	8.55	449.35	409.99	397.61	736.81	295.48	8.55	8.23	8.33	8.26	9.08	8.16	8.36	8.32	8.08	8.27	8.26	8.24	8.43	8.18
01:00	68.08	38.92	44.58	6.25	8.59	6.05	42.79	465.76	11.28	411.78	747.90	406.38	795.80	279.74	8.41	8.28	8.21	8.46	9.21	8.00	8.32	8.27	8.11	8.12	8.21	8.12	8.27	8.16
02:00	25.78	9.33	31.84	6.10	15.13	10.86	74.70	622.62	11.19	314.34	758.24	149.16	707.15	325.07	8.32	8.18	8.16	8.62	8.92	7.93	8.32	8.22	8.01	8.05	8.08	8.21	8.29	8.16
03:00	15.26	8.12	15.04	6.12	30.73	56.05	103.13	516.57	10.07	37.98	537.77	110.46	271.58	323.25	8.35	8.20	8.21	8.61	8.48	7.99	8.25	8.17	8.07	8.01	8.24	8.23	8.17	8.13
04:00	11.22	7.87	12.51	9.14	47.36	126.49	125.26	184.17	8.06	22.83	349.79	111.08	61.21	319.36	8.43	8.18	8.28	8.44	8.43	8.01	8.36	8.25	8.00	8.13	8.34	8.18	8.19	8.19
05:00	9.65	7.06	10.81	9.57	41.57	142.93	130.20	50.76	8.12	25.54	237.77	132.16	79.25	212.72	8.49	8.30	8.37	8.37	8.39	8.02	8.43	8.44	8.02	8.43	8.62	8.15	8.04	8.21
06:00	10.01	7.41	33.65	11.06	31.25	99.55	134.76	55.87	8.10	24.65	241.84	163.78	55.82	90.57	8.59	8.27	8.37	8.94	8.39	8.16	8.68	8.54	8.01	8.60	8.80	8.21	8.16	8.22
07:00	11.16	7.86	116.03	11.86	33.89	45.91	100.88	194.74	7.36	26.05	63.64	137.79	181.63	13.21	8.73	8.53	8.45	10.20	8.50	8.45	8.81	8.84	8.13	9.18	8.92	8.38	8.33	8.22
08:00	95.39	264.41	372.36	17.11	183.61	42.47	247.66	331.70	40.95	21.85	210.33	139.86	286.23	11.48	9.08	8.70	8.50	11.19	8.90	8.64	8.90	8.87	8.29	9.33	8.71	8.44	8.57	8.39
09:00	544.78	468.90	684.01	378.69	177.69	401.10	286.36	899.08	398.17	19.08	300.41	169.19	613.76	14.02	ID	9.00	8.54	11.16	9.31	8.61	8.62	8.88	8.51	9.49	8.52	8.59	8.58	8.43
10:00	797.96	752.87	877.48	534.13	157.70	616.84	355.94	861.66	690.70	15.34	502.66	511.75	619.23	VF	VF	8.94	8.52	10.03	9.42	8.33	8.47	8.72	9.13	9.03	8.57	8.56	8.58	8.27
11:00	980.70	687.28	703.64	528.84	6.91	737.81	392.47	707.85	990.70	13.29	404.00	772.15	607.61	VF	VF	8.88	8.54	9.04	9.12	8.19	8.31	8.89	9.72	8.81	8.56	8.54	8.49	8.05
12:00	767.54	482.63	368.66	165.78	102.48	569.68	897.93	374.18	885.57	468.92	306.13	1292.92	272.64	VF	VF	8.76	8.56	8.52	8.72	8.19	8.40	9.05	10.01	8.61	8.47	8.66	8.52	8.02
13:00	513.37	198.09	92.56	6.40	180.63	338.00	806.23	274.65	606.44	563.75	64.62	1434.03	162.31	VF	VF	8.69	8.44	8.43	8.58	8.42	8.36	8.94	9.87	8.63	8.48	8.73	8.40	8.09
14:00	247.37	6.78	7.27	5.89	180.66	199.60	586.53	266.52	272.89	566.81	8.04	1145.17	VF	VF	ID	8.57	8.30	8.35	8.49	8.58	8.30	8.54	9.44	8.62	8.62	8.83	8.32	8.13
15:00	13.42	6.28	6.54	5.76	84.29	7.52	9.08	24.22	72.38	108.88	14.16	542.51	VF	VF	ID	8.48	8.33	8.27	8.55	8.77	8.39	8.18	9.25	8.57	8.69	8.72	8.20	8.24
16:00	13.49	6.10	6.36	5.78	5.87	6.84	7.22	7.01	84.05	11.20	15.22	37.13	VF	ID	8.38	8.33	8.50	8.32	8.44	8.98	8.60	8.12	8.90	8.47	8.57	8.85	8.15	8.30
17:00	12.04	6.03	6.19	6.03	5.95	6.77	7.07	24.50	84.62	7.34	15.76	ID	VF	ID	8.36	8.37	8.57	8.37	8.57	8.82	8.57	8.19	8.65	8.33	8.48	8.72	8.13	8.45
18:00	8.27	6.12	6.24	6.36	6.24	7.05	7.20	25.06	33.23	6.93	18.44	ID	ID	ID	8.80	8.38	8.41	8.47	11.70	8.50	8.40	8.24	8.44	8.35	8.56	8.55	8.20	9.05
19:00	6.99	6.28	6.50	6.58	6.51	7.17	7.24	25.18	75.28	6.68	135.93	ID	ID	8.64	8.81	8.43	8.33	8.52	11.83	8.08	8.15	8.36	8.57	8.31	8.61	8.32	8.32	12.75
20:00	6.59	170.63	6.83	6.74	6.45	7.08	7.03	7.71	312.97	35.96	529.40	409.45	7.90	8.65	8.87	8.39	8.36	8.51	11.68	8.15	8.27	8.30	8.78	8.27	8.56	8.42	8.37	12.79
21:00	6.25	275.50	6.96	6.85	6.30	6.92	6.89	7.96	468.79	92.60	655.25	1217.87	7.73	8.70	8.40	8.30	8.36	8.45	8.36	8.28	8.33	8.31	8.70	8.24	8.48	8.58	8.36	12.09
22:00	12.02	285.72	6.70	14.12	6.22	6.77	6.68	7.97	459.53	160.44	575.54	1375.00	105.96	8.71	8.30	8.33	8.28	8.32	8.25	8.37	8.30	8.18	8.44	8.24	8.43	8.63	8.28	8.35
23:00	42.75	138.76	6.53	14.16	6.22	6.67	8.39	8.05	322.86	241.51	465.86	1079.03	170.20	8.65	8.30	8.30	8.21	8.63	8.18	8.39	8.25	8.18	8.23	8.36	8.38	8.56	8.20	8.18

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

VF: Verificacion intermedia del analizador automatico de SO_2

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en marzo de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0008-3-2021-103

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/03/2021 00:00	EE	EE	6.7	87.7	1.4	285.3
	1/03/2021 01:00	EE	EE	6.7	82.4	1.0	274.4
	1/03/2021 02:00	EE	EE	6.9	79.3	0.4	252.9
	1/03/2021 03:00	EE	EE	7.0	79.1	0.7	294.5
	1/03/2021 04:00	EE	EE	6.9	80.0	0.7	286.9
	1/03/2021 05:00	EE	EE	6.9	79.7	0.3	312.0
	1/03/2021 06:00	EE	EE	6.6	82.5	0.6	343.7
	1/03/2021 07:00	EE	EE	7.2	81.5	1.1	304.2
	1/03/2021 08:00	EE	EE	9.0	72.6	1.0	137.4
	1/03/2021 09:00	EE	EE	10.3	63.6	1.0	142.4
	1/03/2021 10:00	EE	EE	11.5	58.9	1.4	161.3
	1/03/2021 11:00	EE	EE	12.5	54.4	1.1	189.5
1	1/03/2021 12:00	EE	EE	11.7	62.9	2.8	112.6
	1/03/2021 13:00	EE	EE	9.6	75.0	1.8	53.2
	1/03/2021 14:00	EE	EE	9.8	74.6	1.7	278.8
	1/03/2021 15:00	EE	EE	12.1	61.4	0.7	248.7
	1/03/2021 16:00	EE	EE	13.8	55.6	0.8	283.9
	1/03/2021 17:00	EE	EE	13.1	60.8	1.6	68.3
	1/03/2021 18:00	EE	EE	11.3	69.6	1.8	75.7
	1/03/2021 19:00	EE	EE	10.2	72.0	2.2	89.4
	1/03/2021 20:00	EE	EE	9.5	73.3	1.6	83.7
	1/03/2021 21:00	EE	EE	9.4	74.2	1.5	109.6
	1/03/2021 22:00	EE	EE	9.2	76.3	1.0	95.8
	1/03/2021 23:00	EE	EE	8.3	77.6	1.4	298.6
	2/03/2021 00:00	EE	EE	7.9	74.2	1.1	319.5
	2/03/2021 01:00	EE	EE	7.5	75.3	0.4	308.4
	2/03/2021 02:00	EE	EE	7.7	75.6	1.0	351.4
	2/03/2021 03:00	EE	EE	7.2	76.4	0.9	294.9
	2/03/2021 04:00	EE	EE	7.1	76.9	0.6	299.9
	2/03/2021 05:00	EE	EE	7.0	78.0	0.6	286.4
	2/03/2021 06:00	EE	EE	7.2	77.8	0.7	294.6
	2/03/2021 07:00	EE	EE	7.7	76.7	1.4	279.9
	2/03/2021 08:00	EE	EE	9.8	68.2	1.0	162.0
	2/03/2021 09:00	EE	EE	10.5	63.1	1.4	151.4
	2/03/2021 10:00	EE	EE	11.8	58.8	1.2	161.0
2	2/03/2021 11:00	EE	EE	14.0	53.0	2.2	143.4
	2/03/2021 12:00	EE	EE	15.2	47.1	2.6	129.1
	2/03/2021 13:00	EE	EE	15.5	45.5	2.8	60.1
	2/03/2021 14:00	EE	EE	15.4	46.9	3.4	113.2
	2/03/2021 15:00	EE	EE	15.0	47.7	3.2	65.8
	2/03/2021 16:00	EE	EE	14.2	50.0	2.6	65.5
	2/03/2021 17:00	EE	EE	12.9	54.0	2.5	61.3
	2/03/2021 18:00	EE	EE	11.2	61.4	1.9	51.8
	2/03/2021 19:00	EE	EE	10.1	66.0	1.7	53.8
	2/03/2021 20:00	EE	EE	9.4	70.2	1.0	199.2
	2/03/2021 21:00	EE	EE	9.2	71.1	0.6	1.2
	2/03/2021 22:00	EE	EE	8.8	74.0	1.5	277.8
	2/03/2021 23:00	EE	EE	8.5	75.0	0.5	286.4
	3/03/2021 00:00	EE	EE	8.2	76.5	0.9	282.3
	3/03/2021 01:00	EE	EE	7.7	77.3	1.2	276.8
	3/03/2021 02:00	EE	EE	7.7	77.4	1.0	275.5
	3/03/2021 03:00	EE	EE	7.5	77.5	1.2	277.4
	3/03/2021 04:00	EE	EE	7.5	79.1	1.2	276.8
	3/03/2021 05:00	EE	EE	7.5	79.8	1.1	280.4
	3/03/2021 06:00	EE	EE	7.5	81.3	1.0	207.9
	3/03/2021 07:00	EE	EE	6.6	84.2	0.5	202.7
	3/03/2021 08:00	EE	EE	8.4	75.8	0.8	175.0
	3/03/2021 09:00	EE	EE	9.8	68.6	1.0	163.4
	3/03/2021 10:00	EE	EE	10.8	64.6	1.3	187.8
3	3/03/2021 11:00	EE	EE	13.2	57.2	2.2	148.1
	3/03/2021 12:00	EE	EE	13.3	57.9	2.6	120.0
	3/03/2021 13:00	EE	EE	14.3	53.3	2.2	103.3
	3/03/2021 14:00	EE	EE	14.9	50.8	2.2	73.0
	3/03/2021 15:00	EE	EE	14.5	51.8	2.9	71.0
	3/03/2021 16:00	EE	EE	13.5	54.6	2.4	89.6
	3/03/2021 17:00	EE	EE	12.9	51.9	1.7	59.4
	3/03/2021 18:00	EE	EE	11.7	57.9	1.3	52.2
	3/03/2021 19:00	EE	EE	10.4	67.8	1.5	59.5

	3/03/2021 20:00	EE	EE	9.9	70.6	1.1	51.7
	3/03/2021 21:00	EE	EE	10.0	70.8	1.3	107.6
	3/03/2021 22:00	EE	EE	9.7	70.7	0.8	74.9
	3/03/2021 23:00	EE	EE	9.4	71.2	1.0	80.9
	4/03/2021 00:00	EE	EE	8.8	72.2	1.4	83.6
	4/03/2021 01:00	EE	EE	8.6	72.7	1.0	32.7
	4/03/2021 02:00	EE	EE	8.0	74.3	0.8	15.1
	4/03/2021 03:00	EE	EE	7.7	75.6	1.3	32.0
	4/03/2021 04:00	EE	EE	7.4	77.2	1.0	270.7
	4/03/2021 05:00	EE	EE	6.9	78.8	0.8	275.2
	4/03/2021 06:00	EE	EE	6.3	79.4	0.5	316.9
	4/03/2021 07:00	EE	EE	6.8	77.2	0.8	290.3
	4/03/2021 08:00	EE	EE	9.1	71.3	1.1	139.8
	4/03/2021 09:00	EE	EE	10.8	65.1	1.6	148.3
	4/03/2021 10:00	EE	EE	13.5	49.0	2.5	122.3
4	4/03/2021 11:00	EE	EE	13.3	51.1	3.2	138.2
	4/03/2021 12:00	EE	EE	15.0	44.9	2.5	125.1
	4/03/2021 13:00	EE	EE	15.2	43.9	2.9	140.0
	4/03/2021 14:00	EE	EE	15.0	45.8	2.9	115.0
	4/03/2021 15:00	EE	EE	15.7	43.8	2.0	58.3
	4/03/2021 16:00	EE	EE	14.9	48.3	2.7	103.0
	4/03/2021 17:00	EE	EE	13.0	57.8	2.0	70.9
	4/03/2021 18:00	EE	EE	11.3	64.5	1.9	74.6
	4/03/2021 19:00	EE	EE	10.6	67.9	1.9	85.3
	4/03/2021 20:00	EE	EE	10.0	70.6	2.5	90.4
	4/03/2021 21:00	EE	EE	9.8	70.3	1.5	71.9
	4/03/2021 22:00	EE	EE	9.5	71.4	1.3	19.4
	4/03/2021 23:00	EE	EE	8.7	75.6	1.1	298.0
	5/03/2021 00:00	EE	EE	8.5	75.8	0.9	317.9
	5/03/2021 01:00	EE	EE	8.1	77.5	1.0	288.9
	5/03/2021 02:00	EE	EE	8.1	77.6	1.3	279.1
	5/03/2021 03:00	EE	EE	8.2	77.1	0.5	305.0
	5/03/2021 04:00	EE	EE	8.2	78.0	1.6	280.2
	5/03/2021 05:00	EE	EE	8.1	78.2	0.8	277.9
	5/03/2021 06:00	EE	EE	8.2	78.3	0.5	281.0
	5/03/2021 07:00	EE	EE	8.7	77.0	0.4	254.6
	5/03/2021 08:00	EE	EE	10.2	70.4	1.1	61.3
	5/03/2021 09:00	EE	EE	11.9	60.9	2.1	104.5
	5/03/2021 10:00	EE	EE	12.5	58.4	2.4	116.7
5	5/03/2021 11:00	EE	EE	13.7	51.9	2.8	142.2
	5/03/2021 12:00	EE	EE	14.6	48.8	1.9	152.0
	5/03/2021 13:00	EE	EE	15.0	48.6	2.4	113.8
	5/03/2021 14:00	EE	EE	16.0	46.4	2.9	110.7
	5/03/2021 15:00	EE	EE	16.4	43.6	2.4	105.2
	5/03/2021 16:00	EE	EE	15.5	46.8	2.2	73.8
	5/03/2021 17:00	EE	EE	13.2	56.5	2.5	70.4
	5/03/2021 18:00	EE	EE	11.4	63.8	1.8	61.7
	5/03/2021 19:00	EE	EE	10.8	65.1	1.8	344.1
	5/03/2021 20:00	EE	EE	10.2	67.2	1.2	288.8
	5/03/2021 21:00	EE	EE	9.8	68.4	1.4	284.6
	5/03/2021 22:00	EE	EE	9.6	69.6	1.2	295.0
	5/03/2021 23:00	EE	EE	9.4	71.1	1.2	98.2
	6/03/2021 00:00	EE	EE	8.9	74.7	1.5	319.1
	6/03/2021 01:00	EE	EE	8.6	76.4	1.6	276.8
	6/03/2021 02:00	EE	EE	8.3	78.5	1.3	336.2
	6/03/2021 03:00	EE	EE	6.7	81.8	1.5	76.8
	6/03/2021 04:00	EE	EE	5.6	85.7	1.1	197.7
	6/03/2021 05:00	EE	EE	4.7	85.9	1.1	251.9
	6/03/2021 06:00	EE	EE	4.3	86.3	1.2	285.0
	6/03/2021 07:00	EE	EE	4.9	83.9	0.8	291.2
	6/03/2021 08:00	EE	EE	6.2	79.1	0.6	280.7
	6/03/2021 09:00	EE	EE	7.5	74.7	0.7	139.0
	6/03/2021 10:00	EE	EE	10.1	69.1	1.3	184.6
6	6/03/2021 11:00	EE	EE	11.7	64.5	1.4	180.3
	6/03/2021 12:00	EE	EE	13.6	58.9	2.1	148.8
	6/03/2021 13:00	EE	EE	14.5	55.6	2.9	48.0
	6/03/2021 14:00	EE	EE	14.5	56.3	2.9	64.2
	6/03/2021 15:00	EE	EE	14.8	54.8	2.2	88.9
	6/03/2021 16:00	EE	EE	13.7	59.1	2.5	68.0
	6/03/2021 17:00	EE	EE	11.9	65.7	2.2	67.4
	6/03/2021 18:00	EE	EE	10.5	71.2	2.4	30.9
	6/03/2021 19:00	EE	EE	10.2	72.0	1.5	38.7
	6/03/2021 20:00	EE	EE	9.4	77.6	1.7	294.0
	6/03/2021 21:00	EE	EE	9.4	76.6	1.0	302.8
	6/03/2021 22:00	EE	EE	8.9	82.0	1.2	279.7
	6/03/2021 23:00	EE	EE	8.8	83.0	1.8	278.2
	7/03/2021 00:00	EE	EE	8.8	81.2	1.2	283.8
	7/03/2021 01:00	EE	EE	8.6	81.2	0.8	194.3
	7/03/2021 02:00	EE	EE	8.0	81.1	1.0	127.3
	7/03/2021 03:00	EE	EE	7.8	81.1	0.8	122.8
	7/03/2021 04:00	EE	EE	7.9	79.5	1.2	40.6
	7/03/2021 05:00	EE	EE	7.8	79.4	0.9	315.0
	7/03/2021 06:00	EE	EE	7.8	79.6	0.8	232.9
	7/03/2021 07:00	EE	EE	8.3	76.3	0.9	212.9
	7/03/2021 08:00	EE	EE	8.8	74.4	1.1	193.6
	7/03/2021 09:00	EE	EE	9.2	73.3	0.7	203.5
	7/03/2021 10:00	EE	EE	10.1	71.8	0.8	202.8
7	7/03/2021 11:00	EE	EE	11.5	64.5	0.6	253.6
	7/03/2021 12:00	EE	EE	13.8	57.2	1.6	174.8
	7/03/2021 13:00	EE	EE	15.4	51.7	2.3	108.9
	7/03/2021 14:00	EE	EE	15.6	51.6	2.9	115.5
	7/03/2021 15:00	EE	EE	15.6	51.7	2.3	55.7
	7/03/2021 16:00	EE	EE	14.1	56.3	2.3	83.4
	7/03/2021 17:00	EE	EE	12.6	61.9	2.1	46.2
	7/03/2021 18:00	EE	EE	10.1	68.4	2.5	335.0

	7/03/2021 19:00	EE	EE	7.4	79.0	1.8	302.3
	7/03/2021 20:00	EE	EE	6.9	77.9	1.1	284.2
	7/03/2021 21:00	EE	EE	7.1	75.9	0.6	292.7
	7/03/2021 22:00	EE	EE	7.6	74.0	0.6	280.9
	7/03/2021 23:00	EE	EE	7.8	74.4	0.7	284.8
	8/03/2021 00:00	EE	EE	8.0	75.9	0.8	226.3
	8/03/2021 01:00	EE	EE	7.7	77.3	1.0	213.7
	8/03/2021 02:00	EE	EE	7.5	78.8	0.8	218.1
	8/03/2021 03:00	EE	EE	7.2	81.9	0.6	211.4
	8/03/2021 04:00	EE	EE	7.0	82.6	0.4	222.1
	8/03/2021 05:00	EE	EE	6.7	84.5	0.7	133.8
	8/03/2021 06:00	EE	EE	6.8	83.9	0.9	127.1
	8/03/2021 07:00	EE	EE	7.3	80.9	0.6	149.8
	8/03/2021 08:00	EE	EE	8.3	75.9	0.7	145.9
	8/03/2021 09:00	EE	EE	10.7	65.8	1.3	185.8
	8/03/2021 10:00	EE	EE	11.3	63.4	1.1	180.0
8	8/03/2021 11:00	EE	EE	13.3	58.3	1.3	251.0
	8/03/2021 12:00	EE	EE	15.4	53.1	1.9	217.3
	8/03/2021 13:00	EE	EE	16.7	48.1	1.8	88.3
	8/03/2021 14:00	EE	EE	17.1	44.3	2.4	108.2
	8/03/2021 15:00	EE	EE	16.5	46.2	3.5	121.6
	8/03/2021 16:00	EE	EE	14.0	56.0	2.6	86.4
	8/03/2021 17:00	EE	EE	12.5	61.4	1.6	68.1
	8/03/2021 18:00	EE	EE	11.8	65.3	1.2	47.7
	8/03/2021 19:00	EE	EE	10.5	68.0	1.9	274.9
	8/03/2021 20:00	EE	EE	10.0	69.0	1.3	275.4
	8/03/2021 21:00	EE	EE	9.7	69.7	0.7	318.5
	8/03/2021 22:00	EE	EE	8.5	75.0	1.7	286.5
	8/03/2021 23:00	EE	EE	7.9	76.6	1.3	276.3
	9/03/2021 00:00	EE	EE	7.8	76.6	1.1	280.7
	9/03/2021 01:00	EE	EE	7.3	82.5	0.9	278.4
	9/03/2021 02:00	EE	EE	6.8	86.7	1.0	280.5
	9/03/2021 03:00	EE	EE	6.9	86.0	0.8	278.7
	9/03/2021 04:00	EE	EE	6.8	85.8	1.3	288.4
	9/03/2021 05:00	EE	EE	7.0	82.7	0.9	268.0
	9/03/2021 06:00	EE	EE	7.2	81.7	1.2	271.2
	9/03/2021 07:00	EE	EE	8.1	78.0	0.5	248.1
	9/03/2021 08:00	EE	EE	9.2	73.8	0.6	218.1
	9/03/2021 09:00	EE	EE	9.7	72.6	1.2	200.4
	9/03/2021 10:00	EE	EE	9.8	72.9	1.5	204.4
9	9/03/2021 11:00	EE	EE	11.3	63.6	1.2	180.9
	9/03/2021 12:00	EE	EE	13.3	56.7	1.1	113.5
	9/03/2021 13:00	EE	EE	12.9	58.5	3.7	90.6
	9/03/2021 14:00	EE	EE	13.6	55.9	3.6	88.2
	9/03/2021 15:00	EE	EE	12.6	63.1	2.3	142.3
	9/03/2021 16:00	EE	EE	9.5	76.8	0.9	274.3
	9/03/2021 17:00	EE	EE	9.1	76.9	1.0	344.0
	9/03/2021 18:00	EE	EE	8.1	82.3	2.0	279.2
	9/03/2021 19:00	EE	EE	7.6	81.7	1.8	212.9
	9/03/2021 20:00	EE	EE	6.6	85.1	1.3	207.2
	9/03/2021 21:00	EE	EE	6.4	86.2	0.9	201.2
	9/03/2021 22:00	EE	EE	6.0	87.3	0.8	195.9
	9/03/2021 23:00	EE	EE	5.8	87.9	0.4	126.6
	10/03/2021 00:00	EE	EE	5.7	88.4	0.6	130.7
	10/03/2021 01:00	EE	EE	5.2	82.9	1.3	29.0
	10/03/2021 02:00	EE	EE	4.8	86.2	1.3	341.9
	10/03/2021 03:00	EE	EE	4.5	89.2	1.1	282.1
	10/03/2021 04:00	EE	EE	4.3	90.3	1.3	277.8
	10/03/2021 05:00	EE	EE	4.6	87.3	0.8	271.8
	10/03/2021 06:00	EE	EE	4.8	87.0	0.5	258.2
	10/03/2021 07:00	EE	EE	5.0	87.2	1.0	278.4
	10/03/2021 08:00	EE	EE	5.6	84.5	1.1	273.6
	10/03/2021 09:00	EE	EE	7.2	77.8	0.6	266.3
	10/03/2021 10:00	EE	EE	8.7	69.8	0.5	239.3
10	10/03/2021 11:00	EE	EE	10.2	63.7	0.9	284.5
	10/03/2021 12:00	EE	EE	11.2	60.5	1.1	202.2
	10/03/2021 13:00	EE	EE	12.0	58.5	1.9	280.4
	10/03/2021 14:00	EE	EE	12.2	58.8	2.5	170.3
	10/03/2021 15:00	EE	EE	12.1	59.1	2.5	109.3
	10/03/2021 16:00	EE	EE	11.4	62.6	2.2	34.3
	10/03/2021 17:00	EE	EE	8.8	74.1	3.2	296.4
	10/03/2021 18:00	EE	EE	6.7	83.4	2.1	288.4
	10/03/2021 19:00	EE	EE	6.5	83.6	1.0	312.2
	10/03/2021 20:00	EE	EE	6.4	84.1	0.4	297.8
	10/03/2021 21:00	EE	EE	6.6	83.2	0.3	302.0
	10/03/2021 22:00	EE	EE	6.8	84.9	0.2	231.9
	10/03/2021 23:00	EE	EE	6.9	84.6	0.3	158.0
	11/03/2021 00:00	EE	EE	6.8	85.1	0.1	151.2
	11/03/2021 01:00	EE	EE	6.8	85.6	0.3	58.1
	11/03/2021 02:00	EE	EE	6.4	87.0	0.5	341.7
	11/03/2021 03:00	EE	EE	6.8	79.8	0.7	88.2
	11/03/2021 04:00	EE	EE	6.6	84.2	0.5	42.5
	11/03/2021 05:00	EE	EE	6.5	77.4	2.1	58.1
	11/03/2021 06:00	EE	EE	6.4	76.3	1.9	89.8
	11/03/2021 07:00	EE	EE	6.9	76.6	0.9	95.6
	11/03/2021 08:00	EE	EE	8.1	72.8	0.6	303.9
	11/03/2021 09:00	EE	EE	8.9	70.8	1.0	252.6
	11/03/2021 10:00	EE	EE	10.2	65.8	0.9	164.4
11	11/03/2021 11:00	EE	EE	11.2	64.7	2.1	110.0
	11/03/2021 12:00	EE	EE	12.4	59.3	3.6	107.0
	11/03/2021 13:00	EE	EE	13.7	57.6	3.0	130.1
	11/03/2021 14:00	EE	EE	10.9	69.4	3.6	312.0
	11/03/2021 15:00	EE	EE	8.1	80.6	1.8	55.0
	11/03/2021 16:00	EE	EE	8.8	77.4	0.9	341.9
	11/03/2021 17:00	EE	EE	9.3	75.9	0.8	287.4

11/03/2021 18:00	EE	EE	8.3	76.4	1.2	103.8
11/03/2021 19:00	EE	EE	7.6	77.5	1.1	180.6
11/03/2021 20:00	EE	EE	7.4	78.6	0.6	189.9
11/03/2021 21:00	EE	EE	7.3	79.1	0.6	184.6
11/03/2021 22:00	EE	EE	7.3	78.7	0.5	157.3
11/03/2021 23:00	EE	EE	7.4	78.3	0.7	197.4
12/03/2021 00:00	EE	EE	7.2	80.0	0.8	209.2
12/03/2021 01:00	EE	EE	7.0	80.2	0.5	177.6
12/03/2021 02:00	EE	EE	7.0	81.0	0.9	183.6
12/03/2021 03:00	EE	EE	6.9	80.6	0.7	146.8
12/03/2021 04:00	EE	EE	6.5	83.6	0.4	253.3
12/03/2021 05:00	EE	EE	6.5	82.8	0.4	133.7
12/03/2021 06:00	EE	EE	6.6	82.7	0.8	168.6
12/03/2021 07:00	EE	EE	6.8	80.4	0.5	198.3
12/03/2021 08:00	EE	EE	8.0	74.7	0.6	219.9
12/03/2021 09:00	EE	EE	9.2	68.2	0.6	206.6
12/03/2021 10:00	EE	EE	10.4	61.6	1.0	171.3
12/03/2021 11:00	EE	EE	11.5	58.7	1.2	167.3
12/03/2021 12:00	EE	EE	11.8	60.9	1.9	189.4
12/03/2021 13:00	EE	EE	13.0	57.8	1.8	188.2
12/03/2021 14:00	EE	EE	11.7	60.7	2.3	341.7
12/03/2021 15:00	EE	EE	10.8	65.0	1.9	48.9
12/03/2021 16:00	EE	EE	11.8	58.5	1.1	66.2
12/03/2021 17:00	EE	EE	10.7	63.5	1.2	254.9
12/03/2021 18:00	EE	EE	10.0	66.0	0.4	240.8
12/03/2021 19:00	EE	EE	9.9	68.3	0.5	5.2
12/03/2021 20:00	EE	EE	9.6	72.9	0.7	270.3
12/03/2021 21:00	EE	EE	8.9	75.2	0.9	201.8
12/03/2021 22:00	EE	EE	8.0	77.8	1.7	213.5
12/03/2021 23:00	EE	EE	7.6	79.0	1.4	204.1
13/03/2021 00:00	EE	EE	7.4	79.2	0.9	187.3
13/03/2021 01:00	EE	EE	7.2	80.2	0.7	207.7
13/03/2021 02:00	EE	EE	7.1	81.4	0.4	199.1
13/03/2021 03:00	EE	EE	6.6	83.4	0.6	189.4
13/03/2021 04:00	EE	EE	6.4	83.6	0.8	202.6
13/03/2021 05:00	EE	EE	6.1	84.6	0.5	214.0
13/03/2021 06:00	EE	EE	5.8	84.9	0.6	198.1
13/03/2021 07:00	EE	EE	6.7	80.3	0.9	186.0
13/03/2021 08:00	EE	EE	8.5	71.4	1.0	131.4
13/03/2021 09:00	EE	EE	10.2	60.4	1.2	100.1
13/03/2021 10:00	EE	EE	11.7	57.4	1.7	148.0
13/03/2021 11:00	EE	EE	11.8	55.2	2.0	92.1
13/03/2021 12:00	EE	EE	11.7	54.1	3.5	84.4
13/03/2021 13:00	EE	EE	13.5	48.3	1.9	72.0
13/03/2021 14:00	488.4	0.0	14.8	47.0	2.6	42.7
13/03/2021 15:00	487.9	0.0	14.3	57.8	2.5	93.8
13/03/2021 16:00	487.7	0.0	13.8	57.7	2.3	71.1
13/03/2021 17:00	488.2	0.0	11.4	64.4	2.2	81.8
13/03/2021 18:00	489.3	0.0	7.4	81.0	1.8	44.1
13/03/2021 19:00	489.8	0.0	7.2	83.7	1.8	12.1
13/03/2021 20:00	490.0	0.0	7.4	81.6	0.9	15.8
13/03/2021 21:00	490.2	0.0	7.7	81.0	1.2	307.4
13/03/2021 22:00	490.4	0.0	7.7	80.8	0.6	240.8
13/03/2021 23:00	490.4	0.0	7.6	79.5	0.6	206.0
14/03/2021 00:00	490.2	0.0	7.5	80.9	0.4	141.4
14/03/2021 01:00	489.8	0.0	7.4	81.8	0.3	93.4
14/03/2021 02:00	489.3	0.0	7.2	81.6	0.4	8.5
14/03/2021 03:00	489.0	0.0	7.3	82.6	0.5	286.9
14/03/2021 04:00	489.0	0.0	7.3	82.2	0.4	185.6
14/03/2021 05:00	489.0	0.0	7.4	80.8	0.5	216.7
14/03/2021 06:00	489.3	0.0	7.3	82.3	0.4	194.6
14/03/2021 07:00	489.6	0.0	7.9	79.1	0.7	184.4
14/03/2021 08:00	490.0	0.0	9.2	72.1	0.7	197.9
14/03/2021 09:00	490.0	0.3	9.6	70.6	1.6	267.4
14/03/2021 10:00	490.1	5.1	10.9	64.2	1.3	288.1
14/03/2021 11:00	489.9	0.0	12.3	60.0	2.0	69.6
14/03/2021 12:00	489.5	0.0	12.6	61.6	2.5	88.7
14/03/2021 13:00	488.9	0.0	13.2	58.7	1.9	56.3
14/03/2021 14:00	488.3	0.0	13.9	55.5	3.0	49.0
14/03/2021 15:00	488.1	0.0	13.6	56.9	2.9	83.5
14/03/2021 16:00	488.0	0.0	12.4	60.1	3.0	38.3
14/03/2021 17:00	488.4	0.0	10.8	66.1	2.4	50.7
14/03/2021 18:00	488.8	0.0	10.0	67.1	1.6	38.9
14/03/2021 19:00	489.2	0.0	9.8	70.5	1.2	48.0
14/03/2021 20:00	489.6	0.0	9.1	74.8	1.8	58.5
14/03/2021 21:00	490.1	0.0	8.8	72.9	1.7	52.0
14/03/2021 22:00	490.4	0.0	8.6	72.9	0.9	25.5
14/03/2021 23:00	490.5	0.0	8.5	73.5	0.5	21.7
15/03/2021 00:00	490.2	0.0	8.3	73.0	0.7	25.0
15/03/2021 01:00	489.9	0.0	8.0	75.5	0.8	298.2
15/03/2021 02:00	489.6	0.0	7.9	75.8	1.0	275.6
15/03/2021 03:00	489.4	0.0	7.9	76.6	0.4	267.1
15/03/2021 04:00	489.4	0.0	7.7	77.8	0.5	288.0
15/03/2021 05:00	489.4	0.0	7.6	78.4	0.7	280.7
15/03/2021 06:00	489.7	0.0	7.7	78.3	0.4	273.7
15/03/2021 07:00	489.9	0.0	8.2	76.5	0.4	276.0
15/03/2021 08:00	490.2	0.0	9.4	71.2	0.5	278.0
15/03/2021 09:00	490.2	0.0	10.4	66.1	0.8	275.9
15/03/2021 10:00	490.1	0.0	11.6	60.8	1.2	177.2
15/03/2021 11:00	490.0	0.0	13.0	57.4	1.5	192.3
15/03/2021 12:00	489.4	0.0	14.4	51.3	1.7	201.1
15/03/2021 13:00	488.8	0.0	14.6	49.8	2.1	63.5
15/03/2021 14:00	488.3	0.0	15.4	49.3	2.5	55.3
15/03/2021 15:00	487.9	0.0	15.6	49.5	1.8	77.8
15/03/2021 16:00	487.7	0.0	14.3	53.1	1.8	99.9

	15/03/2021 17:00	487.8	6.6	12.7	61.1	2.3	57.3
	15/03/2021 18:00	488.2	0.0	11.1	67.1	2.5	78.8
	15/03/2021 19:00	489.1	0.0	10.0	70.4	2.4	78.5
	15/03/2021 20:00	489.7	0.0	9.4	71.0	1.8	90.2
	15/03/2021 21:00	490.1	0.0	9.1	71.4	1.1	76.5
	15/03/2021 22:00	490.1	0.0	8.8	72.5	1.3	60.8
	15/03/2021 23:00	490.0	0.0	8.2	75.1	0.9	325.2
	16/03/2021 00:00	489.8	0.0	7.4	75.4	1.8	19.1
	16/03/2021 01:00	489.4	0.0	6.8	76.6	1.8	4.3
	16/03/2021 02:00	489.2	0.0	6.2	80.2	1.6	283.3
	16/03/2021 03:00	489.1	0.0	6.1	79.4	0.8	277.4
	16/03/2021 04:00	489.0	0.0	6.3	78.8	1.0	283.0
	16/03/2021 05:00	489.2	0.0	6.4	78.6	0.6	284.7
	16/03/2021 06:00	489.4	0.0	6.6	78.8	0.7	281.6
	16/03/2021 07:00	489.9	0.0	7.4	77.3	0.3	272.4
	16/03/2021 08:00	490.2	0.0	9.0	73.8	0.6	171.9
	16/03/2021 09:00	490.1	0.0	10.4	70.3	1.0	161.4
	16/03/2021 10:00	489.8	0.0	12.5	61.2	1.3	107.2
16	16/03/2021 11:00	489.5	0.0	14.1	54.4	2.0	158.2
	16/03/2021 12:00	489.0	0.0	14.0	53.5	2.6	178.1
	16/03/2021 13:00	488.5	0.0	13.1	56.1	2.3	196.4
	16/03/2021 14:00	488.3	0.0	13.3	56.6	2.4	161.8
	16/03/2021 15:00	488.0	0.0	13.4	57.1	2.1	95.7
	16/03/2021 16:00	488.0	0.0	12.4	61.7	2.5	105.9
	16/03/2021 17:00	488.3	0.0	11.3	65.7	1.9	59.2
	16/03/2021 18:00	488.8	0.0	10.3	68.5	1.4	56.7
	16/03/2021 19:00	489.3	0.0	10.1	69.8	1.1	329.2
	16/03/2021 20:00	489.7	0.0	9.2	75.9	1.4	217.2
	16/03/2021 21:00	490.2	0.0	7.7	77.4	1.3	191.1
	16/03/2021 22:00	490.3	0.0	7.6	77.0	0.6	181.2
	16/03/2021 23:00	490.1	0.0	7.4	78.2	0.9	156.4
	17/03/2021 00:00	490.0	0.0	7.0	78.9	0.7	128.1
	17/03/2021 01:00	489.7	0.0	7.0	79.6	1.1	142.5
	17/03/2021 02:00	489.5	0.0	6.9	80.4	0.9	152.2
	17/03/2021 03:00	489.3	0.0	7.0	79.8	1.0	148.2
	17/03/2021 04:00	489.3	0.0	7.0	80.6	0.9	163.1
	17/03/2021 05:00	489.5	0.0	6.9	80.3	0.8	140.8
	17/03/2021 06:00	489.8	0.0	7.2	78.8	0.3	316.1
	17/03/2021 07:00	490.1	0.0	7.8	77.1	0.6	159.2
	17/03/2021 08:00	490.4	0.0	9.2	70.3	0.8	148.3
	17/03/2021 09:00	490.5	0.0	9.9	67.1	1.4	162.7
	17/03/2021 10:00	490.3	0.0	10.7	65.1	1.0	175.8
17	17/03/2021 11:00	489.6	0.0	12.7	60.1	1.4	162.5
	17/03/2021 12:00	489.0	0.0	13.1	59.0	2.5	281.5
	17/03/2021 13:00	488.4	0.3	12.0	64.1	2.3	284.6
	17/03/2021 14:00	488.3	15.6	9.7	71.6	2.6	330.5
	17/03/2021 15:00	488.3	0.0	9.8	73.4	0.8	211.5
	17/03/2021 16:00	488.1	0.0	11.3	65.3	1.7	292.4
	17/03/2021 17:00	488.5	0.0	9.3	70.9	2.0	276.9
	17/03/2021 18:00	489.0	0.0	8.1	76.9	0.7	269.8
	17/03/2021 19:00	489.3	0.0	8.3	74.1	0.5	260.5
	17/03/2021 20:00	489.5	0.0	8.0	76.0	0.5	284.9
	17/03/2021 21:00	489.9	0.0	7.6	78.1	0.6	341.4
	17/03/2021 22:00	490.0	0.0	7.7	78.9	0.5	312.5
	17/03/2021 23:00	490.0	0.0	7.1	81.9	0.4	332.7
	18/03/2021 00:00	489.9	0.0	6.5	83.1	0.6	357.0
	18/03/2021 01:00	489.7	0.0	5.7	85.0	0.9	290.6
	18/03/2021 02:00	489.4	0.0	5.6	84.9	0.5	299.2
	18/03/2021 03:00	489.3	0.0	5.7	84.6	0.8	273.6
	18/03/2021 04:00	489.4	0.0	5.7	84.9	0.4	282.0
	18/03/2021 05:00	489.6	0.0	5.7	85.6	0.4	285.2
	18/03/2021 06:00	489.8	0.0	5.7	84.8	0.2	282.1
	18/03/2021 07:00	490.2	0.0	6.3	82.9	0.8	273.1
	18/03/2021 08:00	490.5	0.0	7.8	77.1	0.4	272.6
	18/03/2021 09:00	490.4	0.0	10.5	64.6	0.8	144.7
	18/03/2021 10:00	489.9	0.0	12.6	57.1	1.2	134.4
	18/03/2021 11:00	489.3	0.0	14.7	49.1	1.3	104.7
18	18/03/2021 12:00	488.4	0.0	16.2	39.9	1.1	21.7
	18/03/2021 13:00	488.4	0.8	13.8	54.6	2.5	59.0
	18/03/2021 14:00	488.7	9.0	10.4	71.2	2.0	237.6
	18/03/2021 15:00	489.0	6.5	8.0	80.6	0.8	174.6
	18/03/2021 16:00	489.3	10.0	7.1	82.9	0.9	182.0
	18/03/2021 17:00	489.0	2.0	6.9	80.0	1.5	53.6
	18/03/2021 18:00	488.9	0.0	7.4	79.6	0.6	197.4
	18/03/2021 19:00	488.9	0.0	7.2	80.2	0.6	152.9
	18/03/2021 20:00	489.2	0.0	7.0	82.3	0.5	85.8
	18/03/2021 21:00	489.7	0.0	6.9	82.8	0.5	63.3
	18/03/2021 22:00	489.8	0.0	6.8	84.6	0.5	285.4
	18/03/2021 23:00	489.7	0.0	6.6	84.8	0.9	276.7
	19/03/2021 00:00	489.5	0.0	6.4	85.3	0.4	262.6
	19/03/2021 01:00	489.5	0.0	6.4	84.4	0.4	294.8
	19/03/2021 02:00	489.2	0.0	6.1	85.3	0.6	291.5
	19/03/2021 03:00	488.9	0.0	5.8	86.5	0.6	296.8
	19/03/2021 04:00	488.8	0.0	5.6	87.9	0.5	277.5
	19/03/2021 05:00	488.9	0.0	5.5	88.4	0.3	294.8
	19/03/2021 06:00	489.1	0.0	5.5	89.6	0.6	291.4
	19/03/2021 07:00	489.4	0.0	5.8	87.8	0.6	284.5
	19/03/2021 08:00	490.0	0.0	6.8	84.0	0.4	272.2
	19/03/2021 09:00	490.0	0.0	8.6	74.7	0.7	175.8
	19/03/2021 10:00	489.8	0.0	11.0	60.9	0.9	182.2
19	19/03/2021 11:00	489.3	0.0	12.9	56.0	1.1	157.6
	19/03/2021 12:00	488.6	0.0	14.4	46.3	1.4	135.1
	19/03/2021 13:00	487.9	0.0	15.8	45.2	1.1	175.1
	19/03/2021 14:00	487.5	0.0	14.7	45.9	1.7	150.3
	19/03/2021 15:00	487.1	0.0	14.1	49.6	1.0	316.5

	19/03/2021 16:00	486.9	0.0	14.8	46.1	1.3	228.2
	19/03/2021 17:00	487.2	0.0	13.2	48.5	1.4	178.1
	19/03/2021 18:00	487.8	0.0	11.5	51.9	1.4	159.9
	19/03/2021 19:00	488.2	0.0	10.7	54.2	0.6	213.6
	19/03/2021 20:00	488.6	0.0	10.0	52.5	0.9	196.2
	19/03/2021 21:00	488.9	0.0	9.4	54.0	0.7	183.7
	19/03/2021 22:00	489.2	0.0	8.1	63.6	0.8	31.7
	19/03/2021 23:00	489.4	0.0	7.4	65.2	1.1	27.4
	20/03/2021 00:00	489.2	0.0	6.6	67.7	0.8	24.7
	20/03/2021 01:00	489.0	0.0	5.8	68.4	0.9	303.3
	20/03/2021 02:00	488.8	0.0	4.5	73.3	1.0	285.7
	20/03/2021 03:00	488.7	0.0	3.6	75.6	1.0	287.9
	20/03/2021 04:00	488.7	0.0	3.0	77.1	0.8	294.1
	20/03/2021 05:00	489.0	0.0	2.4	77.8	1.0	284.7
	20/03/2021 06:00	489.4	0.0	2.0	77.8	1.0	284.8
	20/03/2021 07:00	489.8	0.0	2.7	75.5	0.7	287.0
	20/03/2021 08:00	489.8	0.0	5.4	67.0	0.5	119.8
	20/03/2021 09:00	489.8	0.0	7.6	58.5	1.0	150.7
	20/03/2021 10:00	489.5	0.0	10.2	47.8	1.4	143.2
20	20/03/2021 11:00	489.1	0.0	12.9	41.4	1.9	152.1
	20/03/2021 12:00	488.5	0.0	15.0	34.0	1.3	157.2
	20/03/2021 13:00	487.9	0.0	16.5	28.3	1.2	183.9
	20/03/2021 14:00	487.2	0.0	17.3	26.7	1.3	171.6
	20/03/2021 15:00	486.8	0.0	17.8	24.6	1.1	212.0
	20/03/2021 16:00	486.6	0.0	17.3	30.5	1.8	124.0
	20/03/2021 17:00	486.9	0.0	14.2	50.5	3.2	77.8
	20/03/2021 18:00	487.7	0.0	11.0	65.5	2.6	64.0
	20/03/2021 19:00	488.3	0.0	9.7	69.7	2.1	58.3
	20/03/2021 20:00	488.9	0.0	9.4	69.5	1.6	19.9
	20/03/2021 21:00	489.3	0.0	9.3	70.2	1.3	355.5
	20/03/2021 22:00	489.5	0.0	9.4	70.8	0.7	301.3
	20/03/2021 23:00	489.4	0.0	9.2	73.2	1.5	279.7
	21/03/2021 00:00	489.2	0.0	8.8	75.5	0.8	255.9
	21/03/2021 01:00	488.9	0.0	8.6	75.8	0.9	306.4
	21/03/2021 02:00	488.7	0.0	8.3	77.0	1.1	281.2
	21/03/2021 03:00	488.4	0.0	8.2	76.8	1.3	288.6
	21/03/2021 04:00	488.7	0.0	7.8	77.0	1.8	272.8
	21/03/2021 05:00	489.0	0.0	7.8	77.3	0.6	274.2
	21/03/2021 06:00	489.4	0.0	7.6	78.2	0.9	282.8
	21/03/2021 07:00	489.9	0.0	8.3	75.4	1.0	47.7
	21/03/2021 08:00	490.1	0.0	9.6	71.2	1.0	139.9
	21/03/2021 09:00	490.1	0.0	10.9	65.2	1.7	150.3
	21/03/2021 10:00	490.0	0.0	11.2	66.0	1.7	164.2
21	21/03/2021 11:00	489.9	0.0	11.6	65.9	1.8	96.0
	21/03/2021 12:00	490.0	0.6	9.6	75.0	2.3	80.1
	21/03/2021 13:00	489.8	0.8	9.2	75.5	1.9	107.2
	21/03/2021 14:00	489.6	0.3	9.3	75.4	1.8	122.0
	21/03/2021 15:00	489.3	0.0	9.4	77.1	0.8	186.4
	21/03/2021 16:00	489.1	0.3	9.3	76.2	1.1	69.6
	21/03/2021 17:00	489.3	0.6	8.1	77.2	1.4	82.8
	21/03/2021 18:00	489.7	0.0	7.6	78.4	1.0	48.2
	21/03/2021 19:00	490.1	0.3	7.1	76.6	1.1	39.3
	21/03/2021 20:00	490.4	0.0	6.4	79.7	1.8	271.1
	21/03/2021 21:00	490.7	0.0	6.5	78.7	0.4	51.7
	21/03/2021 22:00	491.0	0.0	6.6	79.6	1.1	280.0
	21/03/2021 23:00	490.9	0.0	6.6	79.4	1.2	266.7
	22/03/2021 00:00	490.6	0.0	6.7	79.0	0.6	316.5
	22/03/2021 01:00	490.4	0.0	6.7	79.9	1.2	273.3
	22/03/2021 02:00	490.0	0.0	6.7	80.4	0.7	42.7
	22/03/2021 03:00	489.6	0.0	6.8	80.2	0.7	290.4
	22/03/2021 04:00	489.7	0.0	6.7	81.1	0.7	275.3
	22/03/2021 05:00	489.7	0.0	6.8	80.7	0.2	227.6
	22/03/2021 06:00	489.9	0.0	6.6	82.3	0.3	267.4
	22/03/2021 07:00	490.1	0.0	6.9	81.6	0.4	72.9
	22/03/2021 08:00	490.5	0.0	8.7	72.9	0.8	138.7
	22/03/2021 09:00	490.6	0.0	10.5	66.0	0.8	170.9
	22/03/2021 10:00	490.3	0.0	11.9	60.4	1.2	192.4
22	22/03/2021 11:00	490.0	0.0	13.9	53.3	2.4	149.7
	22/03/2021 12:00	489.5	0.0	14.9	49.9	2.2	80.0
	22/03/2021 13:00	488.9	0.0	14.7	51.0	3.1	118.0
	22/03/2021 14:00	488.2	0.0	14.8	50.4	2.4	76.8
	22/03/2021 15:00	487.9	0.0	14.5	52.1	2.5	74.9
	22/03/2021 16:00	487.8	0.0	13.3	55.8	2.4	86.0
	22/03/2021 17:00	488.2	0.0	12.2	58.6	2.0	33.4
	22/03/2021 18:00	488.7	0.0	11.2	65.0	1.6	43.3
	22/03/2021 19:00	489.3	0.0	10.4	67.4	1.9	329.5
	22/03/2021 20:00	489.8	0.0	9.7	70.8	1.4	357.4
	22/03/2021 21:00	490.2	0.0	9.7	72.2	1.0	350.7
	22/03/2021 22:00	490.5	0.0	9.7	73.3	1.2	97.0
	22/03/2021 23:00	490.5	0.0	9.1	76.3	1.8	178.8
	23/03/2021 00:00	490.5	0.0	6.9	79.3	2.2	204.7
	23/03/2021 01:00	490.5	0.6	5.1	83.7	2.3	214.0
	23/03/2021 02:00	490.3	2.7	4.6	86.5	1.3	214.1
	23/03/2021 03:00	490.2	4.7	3.9	87.5	0.8	167.4
	23/03/2021 04:00	490.1	2.4	4.0	89.0	0.3	265.0
	23/03/2021 05:00	490.2	0.3	4.1	88.4	0.2	275.7
	23/03/2021 06:00	490.4	0.3	4.3	88.1	0.2	283.6
	23/03/2021 07:00	490.7	0.0	4.9	86.4	0.6	273.8
	23/03/2021 08:00	491.0	0.0	6.1	82.2	0.4	253.1
	23/03/2021 09:00	490.8	0.0	8.8	73.0	0.7	200.7
	23/03/2021 10:00	490.7	0.0	10.1	65.3	1.2	183.7
23	23/03/2021 11:00	490.4	0.0	10.4	65.0	2.1	202.6
	23/03/2021 12:00	490.0	0.0	10.2	65.8	1.4	199.3
	23/03/2021 13:00	489.5	0.0	11.0	64.5	1.4	177.9
	23/03/2021 14:00	488.7	0.0	13.0	60.0	1.4	193.9

23/03/2021 15:00	487.9	0.0	14.0	57.2	1.3	181.9
23/03/2021 16:00	488.0	0.0	13.1	61.3	2.0	141.0
23/03/2021 17:00	488.2	0.0	11.9	64.1	2.0	51.2
23/03/2021 18:00	488.8	0.0	10.6	70.8	1.8	69.4
23/03/2021 19:00	489.3	0.0	9.9	72.9	1.9	80.0
23/03/2021 20:00	489.8	0.0	9.4	74.4	1.8	94.7
23/03/2021 21:00	490.4	0.0	8.7	77.0	1.6	60.7
23/03/2021 22:00	490.7	0.0	8.4	74.4	1.4	121.4
23/03/2021 23:00	490.7	0.6	8.1	77.1	1.4	142.2
24/03/2021 00:00	490.5	0.9	7.8	78.3	1.2	137.2
24/03/2021 01:00	490.4	6.1	7.0	78.7	1.5	123.3
24/03/2021 02:00	490.1	2.9	5.9	81.9	1.2	306.6
24/03/2021 03:00	490.0	0.3	5.5	85.5	1.0	281.1
24/03/2021 04:00	490.0	0.0	5.4	86.0	0.8	278.7
24/03/2021 05:00	490.1	0.0	5.4	86.0	1.4	273.2
24/03/2021 06:00	490.4	0.0	5.4	86.0	0.8	280.5
24/03/2021 07:00	490.9	0.0	6.2	82.6	0.6	281.7
24/03/2021 08:00	491.3	0.0	7.9	75.3	0.4	173.2
24/03/2021 09:00	491.5	0.0	9.2	68.9	0.6	169.1
24/03/2021 10:00	491.2	0.0	10.5	63.2	0.5	221.0
24/03/2021 11:00	490.7	0.0	12.6	59.2	1.1	164.6
24/03/2021 12:00	490.0	0.0	13.8	56.8	2.0	194.9
24/03/2021 13:00	489.4	0.0	12.7	63.1	2.6	199.5
24/03/2021 14:00	488.9	0.0	12.7	63.6	2.6	197.1
24/03/2021 15:00	488.8	0.0	11.9	68.2	2.7	138.4
24/03/2021 16:00	489.0	0.0	10.4	71.4	1.9	82.6
24/03/2021 17:00	489.2	0.0	10.1	68.9	1.4	47.9
24/03/2021 18:00	489.7	0.0	9.5	70.2	0.9	92.5
24/03/2021 19:00	490.3	0.0	9.3	70.2	0.8	13.5
24/03/2021 20:00	490.7	0.0	9.3	69.6	0.7	339.6
24/03/2021 21:00	490.9	0.0	8.4	74.1	0.5	20.9
24/03/2021 22:00	491.2	0.0	8.0	76.0	1.0	322.6
24/03/2021 23:00	491.1	0.0	7.5	77.0	1.2	355.5
25/03/2021 00:00	490.9	0.0	7.0	77.6	1.7	331.4
25/03/2021 01:00	490.6	0.0	6.4	78.9	1.7	277.3
25/03/2021 02:00	490.4	0.0	6.3	78.6	1.0	276.2
25/03/2021 03:00	490.1	0.0	5.8	79.9	0.5	289.0
25/03/2021 04:00	490.0	0.0	5.4	81.3	0.7	289.4
25/03/2021 05:00	490.3	0.0	4.8	83.2	0.8	284.2
25/03/2021 06:00	490.6	0.0	4.5	85.3	0.6	277.1
25/03/2021 07:00	491.0	0.0	4.9	85.7	0.7	228.5
25/03/2021 08:00	491.2	0.0	7.3	76.1	0.6	283.0
25/03/2021 09:00	491.1	0.0	9.6	68.3	0.8	175.1
25/03/2021 10:00	491.0	0.0	11.9	59.9	0.9	174.8
25/03/2021 11:00	490.5	0.0	15.1	47.9	1.8	143.3
25/03/2021 12:00	489.8	0.0	15.8	45.2	2.3	107.1
25/03/2021 13:00	489.3	0.0	14.6	51.0	2.4	195.6
25/03/2021 14:00	488.4	0.0	15.9	43.9	1.8	270.6
25/03/2021 15:00	488.2	0.0	14.6	53.3	2.6	127.6
25/03/2021 16:00	488.4	0.0	12.7	61.4	2.3	103.9
25/03/2021 17:00	489.0	0.0	11.3	66.9	2.4	65.4
25/03/2021 18:00	489.6	0.0	10.3	69.3	2.2	79.1
25/03/2021 19:00	490.2	0.0	10.0	70.4	1.9	61.9
25/03/2021 20:00	490.7	0.0	9.7	71.2	1.7	98.1
25/03/2021 21:00	491.1	0.0	9.4	71.0	1.7	97.5
25/03/2021 22:00	491.2	0.0	9.2	72.5	1.7	272.3
25/03/2021 23:00	491.2	0.0	8.7	77.0	1.7	258.9
26/03/2021 00:00	491.1	0.0	7.3	81.5	1.5	199.9
26/03/2021 01:00	490.7	0.0	7.3	80.5	1.1	215.4
26/03/2021 02:00	490.2	0.0	7.2	79.0	0.7	187.2
26/03/2021 03:00	490.0	0.0	7.0	78.3	0.6	182.8
26/03/2021 04:00	489.9	0.0	7.0	77.5	0.7	199.6
26/03/2021 05:00	490.0	0.0	7.0	77.0	0.4	198.9
26/03/2021 06:00	490.1	0.0	7.0	77.4	0.7	164.1
26/03/2021 07:00	490.6	0.0	7.5	75.1	0.5	171.8
26/03/2021 08:00	490.9	0.0	8.3	71.9	0.6	184.6
26/03/2021 09:00	491.1	0.0	9.8	67.1	0.6	180.8
26/03/2021 10:00	490.9	0.0	11.1	62.5	1.2	180.4
26/03/2021 11:00	490.6	0.0	12.4	60.1	1.9	185.5
26/03/2021 12:00	490.0	0.0	13.6	56.7	1.9	178.1
26/03/2021 13:00	489.3	0.0	14.2	56.7	2.0	181.0
26/03/2021 14:00	488.7	0.0	14.3	57.1	2.2	196.8
26/03/2021 15:00	488.2	0.0	14.3	54.7	2.6	194.4
26/03/2021 16:00	488.0	0.0	14.4	55.0	2.4	209.9
26/03/2021 17:00	488.2	0.0	13.4	56.8	1.4	79.4
26/03/2021 18:00	488.6	0.0	12.0	66.5	1.6	69.9
26/03/2021 19:00	489.2	0.0	11.1	71.3	1.6	63.7
26/03/2021 20:00	489.6	0.0	10.3	73.6	1.2	1.4
26/03/2021 21:00	490.0	0.0	9.4	76.0	1.0	310.2
26/03/2021 22:00	490.3	0.0	8.9	77.1	1.3	275.4
26/03/2021 23:00	490.2	0.0	8.5	77.8	1.9	279.3
27/03/2021 00:00	489.9	0.0	8.4	78.0	1.6	280.5
27/03/2021 01:00	489.6	0.0	9.1	77.3	0.8	314.0
27/03/2021 02:00	489.2	0.0	8.9	75.5	1.6	7.6
27/03/2021 03:00	489.1	0.0	8.7	71.3	1.5	39.8
27/03/2021 04:00	489.2	0.0	8.4	74.5	1.5	105.4
27/03/2021 05:00	489.4	0.0	7.8	78.1	0.7	152.7
27/03/2021 06:00	489.6	0.0	7.7	79.0	0.8	149.1
27/03/2021 07:00	489.9	0.0	8.1	78.4	1.4	148.8
27/03/2021 08:00	490.0	0.0	10.0	71.2	1.7	144.1
27/03/2021 09:00	490.1	0.0	11.5	63.7	1.4	156.1
27/03/2021 10:00	489.9	0.0	13.7	56.4	1.2	187.3
27/03/2021 11:00	489.4	0.0	15.3	48.9	1.8	172.5
27/03/2021 12:00	488.9	0.0	16.0	44.6	2.7	109.3
27/03/2021 13:00	488.4	0.0	16.3	44.7	2.6	107.3

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27/03/2021 14:00	487.8	0.0	16.1	45.8	3.1	135.8
27/03/2021 15:00	487.5	0.0	14.7	53.1	2.6	93.4
27/03/2021 16:00	487.6	0.0	13.6	56.7	2.3	63.0
27/03/2021 17:00	488.0	0.0	12.1	62.6	1.9	62.0
27/03/2021 18:00	488.6	0.0	11.4	66.6	1.4	68.5
27/03/2021 19:00	489.1	0.0	11.0	68.2	0.9	86.9
27/03/2021 20:00	489.6	0.0	10.7	69.4	1.1	66.1
27/03/2021 21:00	489.9	0.0	10.2	71.5	2.0	89.2
27/03/2021 22:00	490.2	0.0	9.6	73.4	1.7	74.3
27/03/2021 23:00	490.1	0.0	9.5	73.3	1.3	47.5
28/03/2021 00:00	489.9	0.0	8.9	76.6	1.3	281.3
28/03/2021 01:00	489.5	0.0	9.2	73.8	0.9	97.8
28/03/2021 02:00	489.2	0.0	9.1	73.9	0.9	90.7
28/03/2021 03:00	489.0	0.0	8.6	76.6	1.2	130.6

	28/03/2021 04:00	489.0	0.0	8.0	79.0	1.3	138.5
	28/03/2021 05:00	489.1	0.0	7.6	79.9	1.4	119.9
	28/03/2021 06:00	489.5	0.0	7.1	81.5	0.8	129.6
	28/03/2021 07:00	490.0	0.0	7.9	72.5	1.2	280.4
	28/03/2021 08:00	490.2	0.0	9.4	67.0	0.7	169.8
	28/03/2021 09:00	490.4	0.0	11.1	58.4	1.1	141.6
	28/03/2021 10:00	490.4	0.0	11.7	58.1	2.2	85.8
28	28/03/2021 11:00	490.1	0.0	13.2	52.8	1.7	41.9
	28/03/2021 12:00	489.6	0.0	13.7	51.1	2.1	50.5
	28/03/2021 13:00	489.0	0.0	13.8	52.3	2.2	38.8
	28/03/2021 14:00	488.3	0.0	15.1	48.1	2.0	25.7
	28/03/2021 15:00	487.8	0.0	14.7	50.6	2.3	43.1
	28/03/2021 16:00	487.8	0.0	13.4	57.8	2.2	80.1
	28/03/2021 17:00	488.0	0.0	12.6	60.5	1.8	65.8
	28/03/2021 18:00	488.4	0.0	11.4	64.8	1.7	76.4
	28/03/2021 19:00	489.0	0.0	10.4	68.8	2.7	80.2
	28/03/2021 20:00	489.5	0.0	9.6	72.1	2.5	99.8
	28/03/2021 21:00	489.9	0.0	9.1	72.9	1.5	78.1
	28/03/2021 22:00	490.1	0.0	8.9	73.3	1.5	20.4
	28/03/2021 23:00	490.2	0.0	8.9	74.3	1.3	34.8
	29/03/2021 00:00	490.1	0.0	8.6	75.1	1.6	21.6
	29/03/2021 01:00	489.7	0.0	8.6	73.7	1.0	17.4
	29/03/2021 02:00	489.3	0.0	8.6	72.2	0.8	44.8
	29/03/2021 03:00	489.3	0.0	8.4	73.7	0.6	136.0
	29/03/2021 04:00	489.3	0.0	8.5	73.6	0.4	77.3
	29/03/2021 05:00	489.5	0.0	8.2	75.5	1.0	113.1
	29/03/2021 06:00	489.9	0.0	7.7	77.7	0.7	37.3
	29/03/2021 07:00	490.2	0.0	8.7	70.5	0.7	82.9
	29/03/2021 08:00	490.6	0.0	9.6	62.9	1.5	45.7
	29/03/2021 09:00	490.6	0.0	11.1	60.0	1.3	79.7
	29/03/2021 10:00	490.5	0.0	12.2	57.2	1.6	134.8
29	29/03/2021 11:00	490.1	0.0	13.3	54.0	2.3	138.7
	29/03/2021 12:00	489.6	0.0	14.3	52.5	2.6	111.8
	29/03/2021 13:00	489.1	0.0	15.3	48.5	2.3	72.3
	29/03/2021 14:00	488.6	0.0	15.2	50.1	3.0	57.7
	29/03/2021 15:00	488.2	0.0	14.4	54.4	3.0	77.5
	29/03/2021 16:00	488.3	0.0	12.5	59.7	3.0	46.0
	29/03/2021 17:00	488.7	0.0	11.2	63.5	2.3	27.1
	29/03/2021 18:00	489.1	0.0	10.6	66.7	1.5	17.1
	29/03/2021 19:00	489.6	0.0	10.1	69.2	1.3	26.8
	29/03/2021 20:00	490.2	0.0	9.8	70.6	1.2	43.5
	29/03/2021 21:00	490.6	0.0	9.6	71.3	0.8	50.2
	29/03/2021 22:00	490.8	0.0	9.4	72.2	0.5	52.6
	29/03/2021 23:00	490.7	0.0	9.2	72.8	0.9	46.2
	30/03/2021 00:00	490.5	0.0	9.0	72.7	1.6	110.9
	30/03/2021 01:00	490.3	0.0	8.7	74.6	1.3	97.1
	30/03/2021 02:00	489.9	0.0	8.6	74.7	0.7	32.9
	30/03/2021 03:00	489.7	0.0	8.8	73.0	0.3	211.5
	30/03/2021 04:00	489.7	0.0	8.5	76.4	0.7	180.0
	30/03/2021 05:00	489.9	1.8	7.6	81.7	0.5	161.0
	30/03/2021 06:00	490.3	2.7	6.9	85.6	0.4	146.2
	30/03/2021 07:00	490.7	0.9	7.1	85.3	0.8	247.8
	30/03/2021 08:00	491.0	0.0	8.0	81.0	1.4	279.4
	30/03/2021 09:00	491.1	0.0	9.3	73.0	0.9	253.0
	30/03/2021 10:00	490.8	0.0	11.6	65.0	1.2	212.8
	30/03/2021 11:00	490.3	0.0	13.9	57.0	1.8	87.7
	30/03/2021 12:00	489.9	0.0	14.3	55.7	2.6	61.9
	30/03/2021 13:00	489.4	0.0	14.1	57.0	2.4	52.3
	30/03/2021 14:00	489.0	0.0	13.3	58.9	1.8	38.5
	30/03/2021 15:00	488.6	0.0	13.2	57.8	2.0	45.5
	30/03/2021 16:00	488.6	0.0	12.6	59.7	1.8	114.3
	30/03/2021 17:00	488.7	0.0	11.5	64.2	2.0	70.5
	30/03/2021 18:00	489.2	0.0	10.5	67.8	2.2	51.5
	30/03/2021 19:00	489.8	0.0	10.1	71.7	1.3	60.6
	30/03/2021 20:00	490.1	0.0	9.7	71.7	1.3	43.2
	30/03/2021 21:00	490.3	0.0	9.4	72.5	0.5	52.5
	30/03/2021 22:00	490.4	0.0	9.5	71.4	0.6	15.5
	30/03/2021 23:00	490.4	0.0	9.5	70.8	1.4	17.5
	31/03/2021 00:00	490.1	0.0	9.3	71.1	1.4	312.3
	31/03/2021 01:00	490.0	0.0	8.3	77.8	2.0	273.0
	31/03/2021 02:00	489.9	0.0	8.5	76.2	1.4	278.8
	31/03/2021 03:00	489.7	0.0	8.4	77.6	1.6	274.4
	31/03/2021 04:00	489.7	0.0	8.4	77.8	1.0	272.2
	31/03/2021 05:00	489.6	0.0	8.6	77.2	0.5	279.3
	31/03/2021 06:00	489.7	0.0	8.4	77.8	0.4	297.5
	31/03/2021 07:00	490.0	0.0	8.9	76.2	1.0	278.3
	31/03/2021 08:00	490.1	0.0	10.2	69.6	0.9	285.9
	31/03/2021 09:00	490.2	0.0	11.5	62.9	1.4	281.0
	31/03/2021 10:00	490.1	0.0	13.0	55.9	1.7	348.8
30	31/03/2021 11:00	489.9	0.3	11.8	64.8	4.0	289.7
	31/03/2021 12:00	489.7	3.3	10.2	73.4	1.8	71.4
	31/03/2021 13:00	488.9	0.0	12.0	63.5	3.1	54.1
	31/03/2021 14:00	488.1	0.0	13.0	57.0	1.8	39.9
	31/03/2021 15:00	487.8	0.0	13.4	56.0	1.1	276.6
	31/03/2021 16:00	488.1	0.6	11.0	66.8	1.8	310.1
	31/03/2021 17:00	488.7	6.1	8.4	81.9	1.4	31.6
	31/03/2021 18:00	489.2	9.5	7.8	87.7	0.3	287.9
	31/03/2021 19:00	489.6	10.4	7.3	81.5	0.6	349.9
	31/03/2021 20:00	490.1	5.0	6.7	79.5	1.8	38.9
	31/03/2021 21:00	490.3	0.3	6.6	81.7	1.7	320.5
	31/03/2021 22:00	490.3	0.0	6.1	84.9	1.0	272.7
	31/03/2021 23:00	490.1	0.0	6.0	83.7	1.1	276.4

EE: Dato que no cumple los criterios de validación a cargo del especialista

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en abril de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0003-4-2021-412

DATOS DEL EQUIPO

EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	8.38	8.59	8.72	8.07	8.17	8.52	8.59	8.44	8.54	8.38	8.52	8.70	8.46	8.72	9.67	9.12	9.12	9.01	8.80	8.86	8.86	8.75	8.99	8.86	9.30	9.01	9.01	5.69	5.76	6.24
01:00	8.44	8.38	8.46	8.25	8.04	8.49	8.67	8.72	8.46	8.44	8.41	8.49	8.57	8.62	8.70	8.91	8.72	8.93	8.67	8.99	8.72	8.99	8.72	9.07	8.86	8.80	8.91	5.71	5.82	5.82
02:00	8.17	8.46	8.23	8.04	8.31	8.41	8.59	8.57	8.59	8.36	8.36	8.59	8.52	8.59	8.83	8.91	8.86	8.80	8.57	8.86	8.70	8.70	8.86	9.77	8.86	8.99	8.88	5.92	5.76	5.87
03:00	8.33	8.41	8.38	8.23	8.17	8.65	8.54	8.33	8.67	8.41	8.44	8.59	8.86	8.78	8.78	9.17	8.86	8.91	8.59	8.86	8.93	8.86	8.93	9.77	9.09	9.07	8.93	5.95	5.71	6.08
04:00	8.67	8.70	8.41	8.67	8.38	8.46	8.80	8.67	8.31	8.75	8.46	8.80	8.44	8.78	8.72	8.93	8.75	9.14	8.67	9.09	8.96	9.17	9.12	9.12	8.72	8.99	9.35	6.08	5.69	5.84
05:00	8.38	8.41	8.41	8.31	8.38	8.52	10.06	8.41	8.70	8.72	8.67	8.44	8.46	8.78	8.99	9.38	8.67	9.07	8.78	9.14	9.09	9.12	9.09	8.96	8.86	9.64	9.20	7.55	5.90	6.05
06:00	8.96	8.59	8.20	8.23	8.52	8.25	12.92	8.59	8.33	8.96	8.57	8.59	8.88	8.59	9.17	9.12	8.75	9.22	8.93	9.07	9.17	8.99	8.65	9.12	9.14	9.35	9.56	8.93	5.90	6.39
07:00	8.86	9.27	8.65	8.59	8.70	8.31	12.58	8.72	8.57	8.83	8.59	8.96	8.80	8.78	9.48	9.46	8.72	9.09	9.25	9.22	8.83	8.88	9.01	8.93	9.41	9.85	9.30	8.17	6.16	6.42
08:00	9.04	9.01	8.83	8.59	8.54	8.52	10.45	8.78	8.33	8.96	8.70	8.88	9.14	8.96	9.20	9.09	8.70	9.22	9.07	8.88	9.20	8.96	8.91	8.67	8.88	9.35	9.75	7.05	5.97	6.08
09:00	8.46	9.33	8.80	8.88	8.44	8.70	8.93	8.96	8.59	9.27	8.86	8.72	9.59	9.14	9.48	9.27	9.17	12.00	9.14	9.09	9.41	8.93	9.38	8.86	8.70	9.07	9.12	6.31	6.00	5.87
10:00	8.31	8.54	8.59	8.65	8.78	8.49	8.96	8.72	8.93	9.22	9.09	8.65	9.93	8.86	9.33	9.64	9.48	11.06	9.27	9.27	10.19	9.20	9.75	9.12	9.75	9.12	9.27	6.34	5.95	5.92
11:00	8.36	8.52	8.44	8.52	8.72	8.52	8.78	8.75	8.99	8.91	9.07	8.86	8.52	9.01	8.83	10.01	9.85	10.87	9.14	8.80	9.09	9.12	9.07	9.77	9.30	8.91	9.14	6.39	6.10	5.90
12:00	8.20	8.70	8.38	8.70	8.65	8.59	8.83	8.96	8.93	8.59	9.80	8.44	8.65	9.14	9.25	10.24	11.24	11.08	9.35	9.01	9.25	9.35	9.22	9.22	9.14	8.88	8.91	6.21	5.84	6.05
13:00	8.54	8.70	8.54	8.38	8.99	8.52	8.99	8.72	9.17	8.91	9.22	8.75	8.70	8.86	9.22	9.75	11.40	10.87	9.12	9.01	9.35	9.04	8.86	9.12	8.91	8.86	8.99	5.69	5.71	5.92
14:00	8.38	9.04	8.59	8.59	8.78	8.49	8.78	8.75	8.88	8.54	8.80	8.52	8.96	9.04	8.99	9.30	10.69	10.43	9.20	9.01	9.01	9.01	8.93	8.83	8.86	9.12	8.88	5.71	5.82	6.00
15:00	8.49	9.09	8.41	8.36	8.38	8.49	8.78	8.93	10.03	8.67	8.72	8.65	8.78	9.01	9.12	8.99	11.21	10.01	9.17	8.96	9.35	9.09	8.91	8.96	8.99	8.93	9.01	5.63	5.74	5.71
16:00	8.44	8.54	8.44	8.25	8.86	8.52	8.99	8.67	8.67	8.44	8.59	8.72	8.46	9.04	9.51	9.17	10.85	9.35	8.93	8.99	8.86	9.17	9.12	9.12	8.75	9.07	ID	5.53	5.74	5.82
17:00	8.46	8.46	8.67	8.52	8.25	8.54	8.72	8.78	9.09	9.07	8.59	8.70	8.49	8.86	9.43	8.86	10.06	9.33	8.75	8.75	8.86	8.96	9.30	8.78	8.99	8.96	VF	5.76	5.76	5.63
18:00	8.41	8.75	8.44	8.44	8.46	8.57	8.59	9.22	8.41	8.46	8.86	8.41	8.62	8.72	9.27	9.04	8.93	8.80	9.25	8.83	8.72	9.14	9.25	9.04	9.01	9.07	VF	5.92	5.95	5.97
19:00	8.31	8.52	8.33	8.33	8.44	8.83	8.41	9.17	8.80	8.96	8.72	8.52	8.72	9.38	8.96	9.04	8.70	8.86	9.25	8.93	9.04	9.09	9.12	8.86	9.12	9.56	VF	5.87	5.82	5.84
20:00	8.46	8.49	8.44	8.25	8.57	8.88	8.44	9.27	8.91	8.72	8.86	8.59	8.57	9.51	9.04	8.93	9.17	9.30	8.80	8.96	9.22	9.07	9.22	8.86	8.88	9.22	6.45	5.90	5.74	6.10
21:00	8.44	8.44	8.46	8.10	8.44	8.70	8.59	8.75	8.65	8.65	8.70	8.28	8.62	8.96	9.01	8.96	9.62	9.07	8.80	8.83	8.72	9.12	9.12	9.25	9.04	9.01	5.97	5.69	5.74	6.08
22:00	8.36	8.36	8.17	8.38	8.44	8.83	8.54	8.96	8.62	8.67	8.62	8.59	8.59	9.01	9.12	9.38	9.01	8.99	8.75	8.72	8.72	9.56	9.12	8.99	8.96	8.96	5.55	5.79	5.95	6.21
23:00	8.38	8.44	9.20	8.38	8.44	8.54	8.70	8.91	8.78	8.59	8.80	8.72	8.62	8.88	9.04	9.64	9.12	8.93	9.12	9.17	9.14	9.22	9.12	9.07	8.93	9.07	5.63	5.71	6.05	6.39
Promedio de SO_2 en 24 h	**8.5**	**8.7**	**8.5**	**8.4**	**8.5**	**8.6**	**9.2**	**8.8**	**8.7**	**8.7**	**8.8**	**8.6**	**8.7**	**8.9**	**9.1**	**9.3**	**9.5**	**9.6**	**9.0**	**9.0**	**9.1**	**9.1**	**9.1**	**9.1**	**9.0**	**9.1**	**8.5**	**6.2**	**5.9**	**6.0**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																													

Superación ECA de 24 horas específico para el CMLO = 365 µg/m³

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

VF: Verificacion intermedia del analizador automatico de SO_2

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en abril de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** 0003-4-2021-412

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	8.51	8.44	8.51	8.48	8.31	8.47	8.65	8.56	8.80	8.59	8.59	8.71	8.59	8.64	9.19	9.09	9.38	9.05	8.91	8.91	8.92	8.87	9.26	9.03	9.12	8.97	9.01	5.62	5.75	6.08
01:00	8.46	8.45	8.54	8.51	8.20	8.48	8.60	8.62	8.64	8.53	8.51	8.66	8.58	8.65	9.08	9.02	9.16	9.02	8.80	8.99	8.92	8.96	8.98	9.02	9.08	8.91	9.00	5.68	5.76	6.04
02:00	8.33	8.48	8.47	8.12	8.17	8.47	8.62	8.58	8.53	8.39	8.43	8.59	8.52	8.64	9.07	8.98	8.90	8.91	8.68	8.90	8.76	8.81	8.86	9.23	9.01	8.93	8.93	5.77	5.78	5.98
03:00	8.31	8.42	8.36	8.17	8.17	8.52	8.60	8.54	8.57	8.40	8.40	8.56	8.65	8.66	8.77	9.00	8.81	8.88	8.61	8.90	8.78	8.85	8.84	9.54	8.94	8.95	8.91	5.86	5.76	5.92
04:00	8.39	8.52	8.34	8.31	8.29	8.51	8.64	8.52	8.52	8.51	8.42	8.66	8.61	8.72	8.78	9.00	8.82	8.95	8.61	8.94	8.86	8.91	8.97	9.55	8.89	9.02	9.05	5.98	5.72	5.93
05:00	8.46	8.51	8.40	8.40	8.31	8.54	9.13	8.47	8.56	8.63	8.52	8.61	8.59	8.78	8.83	9.16	8.76	9.04	8.68	9.03	8.99	9.05	9.05	9.28	8.89	9.23	9.16	6.53	5.77	5.99
06:00	8.67	8.57	8.34	8.40	8.43	8.41	10.59	8.56	8.45	8.81	8.57	8.61	8.59	8.72	8.96	9.14	8.72	9.14	8.79	9.10	9.07	9.09	8.95	9.07	8.91	9.33	9.37	7.52	5.83	6.09
07:00	8.73	8.76	8.42	8.38	8.53	8.36	11.85	8.57	8.53	8.84	8.61	8.66	8.71	8.72	9.21	9.32	8.71	9.13	8.99	9.14	9.03	9.00	8.92	9.00	9.14	9.61	9.35	8.22	5.99	6.29
08:00	8.95	8.96	8.56	8.47	8.59	8.36	11.98	8.70	8.41	8.92	8.62	8.81	8.94	8.78	9.28	9.22	8.72	9.18	9.08	9.06	9.07	8.94	8.86	8.91	9.14	9.52	9.54	8.05	6.01	6.30
09:00	8.79	9.20	8.76	8.69	8.56	8.51	10.65	8.82	8.50	9.02	8.72	8.85	9.18	8.96	9.39	9.27	8.86	10.10	9.15	9.06	9.15	8.92	9.10	8.82	9.00	9.42	9.39	7.18	6.04	6.12
10:00	8.60	8.96	8.74	8.71	8.59	8.57	9.45	8.82	8.62	9.15	8.88	8.75	9.55	8.99	9.34	9.33	9.12	10.76	9.16	9.08	9.60	9.03	9.35	8.88	9.11	9.18	9.38	6.57	5.97	5.96
11:00	8.38	8.80	8.61	8.68	8.65	8.57	8.89	8.81	8.84	9.13	9.01	8.74	9.35	9.00	9.21	9.64	9.50	11.31	9.18	9.05	9.56	9.08	9.40	9.25	9.25	9.03	9.18	6.35	6.02	5.90
12:00	8.29	8.59	8.47	8.62	8.72	8.53	8.86	8.81	8.95	8.91	9.32	8.65	9.03	9.00	9.14	9.96	10.19	11.00	9.25	9.03	9.51	9.22	9.35	9.37	9.40	8.97	9.11	6.31	5.96	5.96
13:00	8.37	8.64	8.45	8.53	8.79	8.54	8.87	8.81	9.03	8.80	9.36	8.68	8.62	9.00	9.10	10.00	10.83	10.94	9.20	8.94	9.23	9.17	9.05	9.37	9.12	8.88	9.01	6.10	5.88	5.96
14:00	8.37	8.81	8.50	8.56	8.81	8.53	8.87	8.81	8.99	8.68	9.27	8.57	8.77	9.01	9.15	9.76	11.11	10.79	9.22	9.01	9.20	9.13	9.00	9.06	8.97	8.95	8.93	5.87	5.79	5.99
15:00	8.47	8.94	8.51	8.44	8.72	8.50	8.85	8.80	9.36	8.71	8.91	8.64	8.81	8.97	9.11	9.35	11.10	10.44	9.16	8.99	9.24	9.05	8.90	8.97	8.92	8.97	8.96	5.68	5.76	5.88
16:00	8.44	8.89	8.48	8.40	8.67	8.50	8.85	8.78	9.19	8.55	8.70	8.63	8.73	9.03	9.21	9.15	10.92	9.93	9.10	8.99	9.07	9.09	8.99	8.97	8.87	9.04	ID	5.62	5.77	5.84
17:00	8.46	8.70	8.51	8.38	8.50	8.52	8.83	8.79	9.26	8.73	8.63	8.69	8.58	8.97	9.35	9.01	10.71	9.56	8.95	8.90	9.02	9.07	9.11	8.95	8.91	8.99	VF	5.64	5.75	5.72
18:00	8.44	8.58	8.52	8.40	8.52	8.54	8.77	8.89	8.72	8.66	8.68	8.61	8.52	8.87	9.40	9.02	9.95	9.16	8.98	8.86	8.81	9.09	9.22	8.98	8.92	9.03	VF	5.74	5.82	5.81
19:00	8.39	8.58	8.48	8.43	8.38	8.65	8.57	9.06	8.77	8.83	8.72	8.54	8.61	8.99	9.22	8.98	9.23	9.00	9.08	8.84	8.87	9.06	9.22	8.89	9.04	9.20	VF	5.85	5.84	5.81
20:00	8.39	8.59	8.40	8.34	8.49	8.76	8.48	9.22	8.71	8.71	8.81	8.51	8.64	9.20	9.09	9.00	8.93	8.99	9.10	8.91	8.99	9.10	9.20	8.92	9.00	9.28	ID	5.90	5.84	5.97
21:00	8.40	8.48	8.41	8.23	8.48	8.80	8.48	9.06	8.79	8.78	8.76	8.46	8.64	9.28	9.00	8.98	9.16	9.08	8.95	8.91	8.99	9.09	9.15	8.99	9.01	9.26	ID	5.82	5.77	6.01
22:00	8.42	8.43	8.36	8.24	8.48	8.80	8.52	8.99	8.73	8.68	8.73	8.49	8.59	9.16	9.06	9.09	9.27	9.12	8.78	8.84	8.89	9.25	9.15	9.03	8.96	9.06	5.99	5.79	5.81	6.13
23:00	8.39	8.41	8.61	8.29	8.44	8.69	8.61	8.87	8.68	8.64	8.71	8.53	8.61	8.95	9.06	9.33	9.25	9.00	8.89	8.91	8.86	9.30	9.12	9.10	8.98	9.01	5.72	5.73	5.91	6.23

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

VF: Verificacion intermedia del analizador automatico de SO_2

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en abril de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0003-4-2021-412

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/04/2021 00:00	489.9	0.0	6.1	82.8	1.0	283.8
	1/04/2021 01:00	489.6	0.0	6.1	83.6	0.4	271.0
	1/04/2021 02:00	489.3	0.0	6.0	83.3	0.4	292.1
	1/04/2021 03:00	489.2	0.0	6.2	83.1	0.2	284.0
	1/04/2021 04:00	489.0	0.0	6.4	82.9	0.5	272.2
	1/04/2021 05:00	489.0	0.0	6.5	82.2	0.4	333.8
	1/04/2021 06:00	489.3	0.0	6.6	83.3	0.8	292.9
	1/04/2021 07:00	489.7	0.0	7.2	80.1	0.4	286.7
	1/04/2021 08:00	490.0	0.0	9.0	71.8	0.6	184.2
	1/04/2021 09:00	490.1	0.0	11.3	61.5	0.8	272.4
	1/04/2021 10:00	489.9	0.0	12.7	57.8	1.3	86.3
	1/04/2021 11:00	489.2	0.0	14.5	52.8	1.6	145.9
1	1/04/2021 12:00	488.5	0.0	15.7	48.1	2.0	36.2
	1/04/2021 13:00	488.2	6.8	13.4	55.9	2.5	29.7
	1/04/2021 14:00	488.2	2.9	10.2	65.9	2.3	1.7
	1/04/2021 15:00	488.1	0.0	10.9	61.5	1.6	307.8
	1/04/2021 16:00	488.4	0.0	9.8	67.0	1.5	326.1
	1/04/2021 17:00	488.8	1.2	8.1	74.8	1.4	291.6
	1/04/2021 18:00	488.9	0.3	7.2	79.0	0.4	325.6
	1/04/2021 19:00	489.1	0.0	7.3	78.7	0.5	278.6
	1/04/2021 20:00	489.5	0.0	7.2	79.6	0.5	297.9
	1/04/2021 21:00	489.9	0.0	6.9	82.5	0.9	282.7
	1/04/2021 22:00	490.0	0.0	7.1	81.2	0.5	240.5
	1/04/2021 23:00	490.0	0.0	7.0	81.0	0.3	112.6
	2/04/2021 00:00	489.8	0.0	7.0	81.0	0.1	269.2
	2/04/2021 01:00	489.7	0.0	6.8	81.5	0.7	287.0
	2/04/2021 02:00	489.4	0.0	6.4	82.0	0.4	265.5
	2/04/2021 03:00	489.0	0.0	5.9	81.7	0.4	306.3
	2/04/2021 04:00	489.1	0.0	5.6	83.9	0.9	316.4
	2/04/2021 05:00	489.3	0.0	5.1	84.6	0.6	300.4
	2/04/2021 06:00	489.7	0.0	4.7	83.3	1.0	300.6
	2/04/2021 07:00	490.1	0.0	5.4	83.1	0.6	301.2
	2/04/2021 08:00	490.1	0.0	7.9	73.0	0.9	123.5
	2/04/2021 09:00	490.2	0.0	10.4	63.6	1.2	161.2
	2/04/2021 10:00	490.0	0.0	12.0	59.8	1.0	129.9
2	2/04/2021 11:00	489.5	0.0	13.6	55.2	1.4	151.4
	2/04/2021 12:00	488.8	0.0	15.6	47.6	2.3	97.0
	2/04/2021 13:00	488.3	0.0	15.9	49.4	2.2	67.0
	2/04/2021 14:00	487.9	0.0	14.6	52.7	2.6	108.0
	2/04/2021 15:00	487.5	0.0	14.3	54.1	2.0	82.3
	2/04/2021 16:00	487.7	0.0	13.0	62.7	1.8	72.3
	2/04/2021 17:00	487.9	0.0	12.4	62.4	2.2	47.3
	2/04/2021 18:00	488.6	0.0	10.9	67.6	1.9	45.7
	2/04/2021 19:00	489.0	0.0	9.9	71.9	1.9	89.2
	2/04/2021 20:00	489.5	0.0	9.9	73.0	1.0	73.9
	2/04/2021 21:00	489.8	0.0	9.8	76.5	1.1	68.4
	2/04/2021 22:00	490.0	0.0	9.4	76.2	1.8	68.9
	2/04/2021 23:00	490.0	0.0	8.9	75.9	1.7	69.0
	3/04/2021 00:00	489.9	0.0	8.7	77.4	1.4	37.0
	3/04/2021 01:00	489.7	0.0	8.7	75.6	0.6	117.8
	3/04/2021 02:00	489.4	0.9	8.3	78.1	0.6	25.9
	3/04/2021 03:00	489.4	0.3	7.8	78.8	1.0	17.8
	3/04/2021 04:00	489.4	0.0	7.4	80.9	0.7	15.0
	3/04/2021 05:00	489.5	0.0	7.3	81.5	0.8	287.5
	3/04/2021 06:00	489.8	0.3	7.0	87.5	0.9	290.9
	3/04/2021 07:00	490.2	0.0	7.5	86.1	0.4	276.0
	3/04/2021 08:00	490.6	0.0	8.3	79.5	0.6	154.2
	3/04/2021 09:00	490.9	0.0	9.7	73.4	0.7	334.8
	3/04/2021 10:00	490.7	0.0	11.3	62.7	1.7	114.2
3	3/04/2021 11:00	490.2	0.0	12.6	60.3	1.6	60.0
	3/04/2021 12:00	489.7	0.0	13.3	59.5	2.2	85.9
	3/04/2021 13:00	489.1	0.0	14.1	57.5	3.2	127.6
	3/04/2021 14:00	488.7	0.0	13.8	59.7	3.2	91.4
	3/04/2021 15:00	488.4	0.0	12.9	60.7	2.7	35.3
	3/04/2021 16:00	488.5	0.0	11.1	66.9	2.4	36.0
	3/04/2021 17:00	489.0	0.0	10.4	68.2	1.4	50.8
	3/04/2021 18:00	489.5	0.0	9.8	69.6	1.5	86.5
	3/04/2021 19:00	489.8	0.0	9.4	70.7	1.0	25.3

	3/04/2021 20:00	490.3	0.0	9.1	71.5	1.1	49.3
	3/04/2021 21:00	490.4	0.0	8.6	72.9	1.1	90.4
	3/04/2021 22:00	490.6	0.0	8.2	74.0	0.9	129.7
	3/04/2021 23:00	490.6	0.0	8.5	73.4	0.6	39.3
	4/04/2021 00:00	490.2	0.0	8.5	73.1	1.0	112.5
	4/04/2021 01:00	489.8	0.0	8.3	73.3	1.1	78.6
	4/04/2021 02:00	489.6	0.6	7.9	76.1	1.3	57.9
	4/04/2021 03:00	489.5	0.0	7.5	79.3	0.6	347.8
	4/04/2021 04:00	489.6	0.0	7.7	78.8	0.5	84.4
	4/04/2021 05:00	489.8	0.0	7.5	81.2	1.4	282.8
	4/04/2021 06:00	490.1	0.0	7.0	85.2	1.6	270.1
	4/04/2021 07:00	490.5	0.0	7.6	81.6	0.8	270.2
	4/04/2021 08:00	490.8	0.0	8.4	77.3	0.5	211.5
	4/04/2021 09:00	490.9	0.0	9.4	75.6	1.0	338.2
	4/04/2021 10:00	490.8	0.0	10.5	70.8	1.7	40.5
4	4/04/2021 11:00	490.4	0.0	12.1	62.8	1.2	35.2
	4/04/2021 12:00	489.8	0.0	12.9	61.1	1.8	331.6
	4/04/2021 13:00	489.2	0.0	12.0	66.6	4.0	285.4
	4/04/2021 14:00	488.8	0.0	12.5	63.4	2.2	39.5
	4/04/2021 15:00	488.4	0.0	12.7	62.5	2.3	48.8
	4/04/2021 16:00	488.2	0.0	12.9	60.1	1.2	340.8
	4/04/2021 17:00	488.4	0.0	12.4	62.0	1.3	53.2
	4/04/2021 18:00	488.9	0.0	11.0	69.8	1.7	55.6
	4/04/2021 19:00	489.5	0.0	10.3	72.3	1.9	66.1
	4/04/2021 20:00	489.9	0.0	9.6	73.0	1.9	85.2
	4/04/2021 21:00	490.4	0.0	9.4	73.2	2.4	85.3
	4/04/2021 22:00	490.6	0.0	9.3	73.8	1.4	91.1
	4/04/2021 23:00	490.5	1.9	7.8	82.8	2.2	285.5
	5/04/2021 00:00	490.3	2.6	6.8	84.5	1.1	276.0
	5/04/2021 01:00	490.0	0.3	6.6	84.1	1.2	302.6
	5/04/2021 02:00	489.9	0.0	6.5	81.7	1.1	309.9
	5/04/2021 03:00	489.8	0.6	6.3	83.6	0.8	295.2
	5/04/2021 04:00	489.8	0.0	6.3	85.3	0.2	248.6
	5/04/2021 05:00	490.0	0.0	6.5	84.9	0.3	300.0
	5/04/2021 06:00	490.4	0.0	6.8	84.0	0.3	271.7
	5/04/2021 07:00	490.8	0.0	7.3	79.6	0.4	217.3
	5/04/2021 08:00	491.0	0.0	8.3	73.8	0.8	200.9
	5/04/2021 09:00	491.0	0.0	9.7	69.7	1.2	168.4
	5/04/2021 10:00	490.7	0.0	11.4	62.2	1.2	168.1
5	5/04/2021 11:00	490.2	0.0	12.9	58.1	1.4	174.1
	5/04/2021 12:00	489.6	0.0	13.4	55.6	1.3	146.6
	5/04/2021 13:00	489.0	0.0	13.6	55.2	1.0	186.3
	5/04/2021 14:00	488.4	0.0	15.0	53.0	1.6	8.0
	5/04/2021 15:00	488.1	0.0	14.4	58.1	2.5	309.8
	5/04/2021 16:00	488.1	0.0	14.2	59.3	2.0	15.4
	5/04/2021 17:00	488.4	0.0	12.5	67.8	2.0	65.6
	5/04/2021 18:00	488.9	0.0	11.3	71.2	1.7	74.5
	5/04/2021 19:00	489.4	0.0	10.7	71.3	1.5	66.1
	5/04/2021 20:00	489.9	0.0	10.1	71.8	1.7	102.4
	5/04/2021 21:00	490.1	0.0	9.6	73.1	1.0	105.1
	5/04/2021 22:00	490.2	0.0	9.5	74.2	0.6	39.8
	5/04/2021 23:00	490.3	0.0	8.6	79.0	1.1	85.4
	6/04/2021 00:00	490.2	0.0	8.6	79.2	0.4	279.4
	6/04/2021 01:00	489.8	0.0	8.4	78.7	0.6	297.1
	6/04/2021 02:00	489.6	0.0	8.5	76.2	0.8	285.1
	6/04/2021 03:00	489.6	0.0	8.5	78.4	0.3	254.4
	6/04/2021 04:00	489.6	0.0	8.6	77.5	0.2	305.6
	6/04/2021 05:00	489.8	0.0	8.4	76.9	1.1	84.8
	6/04/2021 06:00	490.2	0.0	8.1	76.0	0.9	54.9
	6/04/2021 07:00	490.6	0.0	8.4	71.2	1.4	63.7
	6/04/2021 08:00	490.9	0.0	9.2	68.7	1.2	81.1
	6/04/2021 09:00	491.0	0.0	10.3	65.0	1.1	15.3
	6/04/2021 10:00	490.8	0.0	11.6	63.4	2.2	113.6
6	6/04/2021 11:00	490.3	0.0	13.3	55.7	1.9	76.4
	6/04/2021 12:00	489.9	0.0	14.0	54.5	1.9	45.5
	6/04/2021 13:00	489.4	0.0	14.8	52.0	2.3	64.8
	6/04/2021 14:00	488.8	0.0	15.5	51.2	2.5	48.9
	6/04/2021 15:00	488.5	0.0	15.1	54.6	2.8	82.3
	6/04/2021 16:00	489.0	0.0	11.8	66.2	2.9	66.1
	6/04/2021 17:00	489.4	0.0	10.7	69.9	1.8	14.8
	6/04/2021 18:00	489.8	0.0	10.1	70.8	2.4	282.9
	6/04/2021 19:00	490.1	0.0	9.9	72.3	1.5	288.4
	6/04/2021 20:00	490.6	0.0	9.2	76.3	1.6	279.6
	6/04/2021 21:00	491.0	0.0	8.3	78.2	1.1	273.7
	6/04/2021 22:00	491.0	0.0	7.5	79.4	0.8	285.2
	6/04/2021 23:00	491.0	0.0	6.7	80.8	1.4	276.0
	7/04/2021 00:00	490.8	0.0	6.0	82.3	1.1	270.4
	7/04/2021 01:00	490.6	0.0	5.6	82.3	1.0	275.0
	7/04/2021 02:00	490.4	0.0	5.6	81.1	1.2	278.6
	7/04/2021 03:00	490.4	0.0	5.5	81.7	1.3	274.8
	7/04/2021 04:00	490.4	0.0	5.8	81.3	0.9	271.5
	7/04/2021 05:00	490.6	0.0	6.0	81.1	1.0	280.0
	7/04/2021 06:00	490.7	0.0	6.2	81.0	0.7	290.3
	7/04/2021 07:00	490.9	0.0	7.0	78.9	0.7	275.5
	7/04/2021 08:00	491.2	0.0	8.6	73.4	0.7	123.3
	7/04/2021 09:00	491.4	0.0	9.9	68.4	0.6	150.0
	7/04/2021 10:00	491.2	0.0	11.2	64.3	1.3	198.3
7	7/04/2021 11:00	490.8	0.0	12.7	59.6	0.8	172.3
	7/04/2021 12:00	490.2	0.0	14.3	54.0	0.9	267.8
	7/04/2021 13:00	489.5	0.0	15.1	50.7	1.5	195.5
	7/04/2021 14:00	488.9	0.0	16.1	48.5	1.7	185.5
	7/04/2021 15:00	488.9	0.0	12.8	61.3	2.7	201.6
	7/04/2021 16:00	488.7	0.0	13.3	58.7	1.8	200.4
	7/04/2021 17:00	489.0	0.0	12.5	61.2	1.3	176.0
	7/04/2021 18:00	489.4	0.0	11.6	68.2	1.3	60.8

	7/04/2021 19:00	490.0	0.0	11.0	70.7	1.6	53.5
	7/04/2021 20:00	490.5	0.0	10.6	71.7	1.4	56.3
	7/04/2021 21:00	490.9	0.0	10.2	74.8	1.0	147.7
	7/04/2021 22:00	491.1	0.0	9.0	75.9	1.4	301.3
	7/04/2021 23:00	491.1	0.0	8.8	76.9	1.1	303.0
	8/04/2021 00:00	490.8	0.0	9.0	75.5	0.6	338.6
	8/04/2021 01:00	490.5	0.8	8.7	78.7	0.8	64.5
	8/04/2021 02:00	490.4	0.0	8.2	80.0	0.7	301.0
	8/04/2021 03:00	490.2	0.0	8.0	80.0	0.5	356.9
	8/04/2021 04:00	490.2	0.0	8.1	82.4	0.6	189.9
	8/04/2021 05:00	490.5	0.0	8.0	82.9	0.4	157.0
	8/04/2021 06:00	490.9	0.0	8.1	81.7	0.4	180.3
	8/04/2021 07:00	491.3	0.0	8.6	79.2	0.8	191.5
	8/04/2021 08:00	491.6	0.0	9.1	75.0	1.3	199.5
	8/04/2021 09:00	491.8	0.0	9.8	72.0	1.0	214.0
	8/04/2021 10:00	491.6	0.0	10.0	71.9	1.1	151.3
8	8/04/2021 11:00	491.0	0.6	11.1	67.6	1.4	136.0
	8/04/2021 12:00	490.4	3.8	12.2	65.4	1.5	254.3
	8/04/2021 13:00	490.3	6.6	9.3	76.8	1.8	108.8
	8/04/2021 14:00	489.8	0.0	10.4	73.3	1.0	210.8
	8/04/2021 15:00	489.2	0.3	11.6	64.6	1.2	163.3
	8/04/2021 16:00	489.0	0.0	12.3	60.3	0.8	10.7
	8/04/2021 17:00	489.0	0.0	11.7	66.7	1.4	283.0
	8/04/2021 18:00	489.2	0.0	10.4	73.3	1.1	280.8
	8/04/2021 19:00	489.5	0.0	9.5	76.3	0.9	278.9
	8/04/2021 20:00	490.0	0.0	8.9	77.7	0.7	281.6
	8/04/2021 21:00	490.4	0.0	8.3	78.8	0.6	290.5
	8/04/2021 22:00	490.4	0.0	7.9	79.0	0.6	277.1
	8/04/2021 23:00	490.3	0.0	7.6	79.8	0.4	280.6
	9/04/2021 00:00	490.3	0.0	7.2	80.9	0.8	280.6
	9/04/2021 01:00	490.2	0.0	7.2	80.9	0.7	281.5
	9/04/2021 02:00	489.9	0.0	7.3	80.4	0.6	287.6
	9/04/2021 03:00	489.9	0.9	7.2	83.4	0.6	287.4
	9/04/2021 04:00	490.1	3.3	7.1	82.8	1.2	1.7
	9/04/2021 05:00	490.4	3.6	7.0	80.3	1.1	49.9
	9/04/2021 06:00	491.0	2.4	6.3	80.7	0.8	24.4
	9/04/2021 07:00	491.6	1.2	5.7	87.5	1.5	279.9
	9/04/2021 08:00	491.9	1.5	5.9	86.9	0.9	276.9
	9/04/2021 09:00	492.1	0.3	6.7	83.2	0.4	277.1
	9/04/2021 10:00	492.0	0.0	8.1	75.7	0.7	175.2
9	9/04/2021 11:00	491.6	0.0	9.3	71.3	0.7	171.5
	9/04/2021 12:00	490.9	0.0	10.9	65.8	0.7	160.1
	9/04/2021 13:00	490.1	0.0	12.5	64.0	0.7	194.0
	9/04/2021 14:00	489.3	0.0	13.0	62.9	1.1	280.8
	9/04/2021 15:00	489.0	0.0	12.0	69.3	1.0	284.2
	9/04/2021 16:00	488.7	0.0	13.3	63.1	0.6	305.1
	9/04/2021 17:00	488.9	0.0	13.0	63.7	1.1	52.6
	9/04/2021 18:00	489.3	0.0	11.6	69.5	2.0	63.6
	9/04/2021 19:00	490.3	4.9	8.6	78.4	1.5	29.6
	9/04/2021 20:00	490.6	0.0	8.6	79.6	0.6	26.3
	9/04/2021 21:00	490.8	0.0	8.9	78.6	0.4	357.6
	9/04/2021 22:00	491.0	0.0	8.7	79.5	0.8	288.3
	9/04/2021 23:00	491.0	2.9	8.2	80.5	0.8	281.9
	10/04/2021 00:00	490.9	7.0	6.7	86.8	1.4	278.2
	10/04/2021 01:00	490.6	2.5	6.1	89.6	1.5	280.4
	10/04/2021 02:00	490.2	0.0	6.2	87.4	0.8	304.4
	10/04/2021 03:00	490.0	0.0	6.1	88.3	0.5	270.1
	10/04/2021 04:00	489.9	0.0	5.9	88.2	0.3	214.8
	10/04/2021 05:00	490.1	0.0	5.9	88.3	0.8	285.5
	10/04/2021 06:00	490.5	0.0	6.0	86.8	0.2	44.6
	10/04/2021 07:00	491.0	0.0	6.7	84.8	0.3	286.4
	10/04/2021 08:00	491.3	0.0	7.8	79.2	0.2	265.7
	10/04/2021 09:00	491.3	0.0	10.2	69.3	0.4	246.8
	10/04/2021 10:00	491.0	0.0	10.9	66.1	0.5	128.2
10	10/04/2021 11:00	490.4	0.0	12.1	65.6	1.0	144.8
	10/04/2021 12:00	489.6	0.0	14.0	56.2	1.4	22.5
	10/04/2021 13:00	488.9	0.0	15.3	51.3	1.0	347.1
	10/04/2021 14:00	488.2	0.0	15.0	53.3	1.5	42.6
	10/04/2021 15:00	488.1	1.9	13.2	59.9	2.5	80.6
	10/04/2021 16:00	488.5	0.3	10.9	71.9	2.1	51.0
	10/04/2021 17:00	489.2	5.1	8.3	81.1	1.8	298.5
	10/04/2021 18:00	489.4	3.1	8.2	77.3	1.4	18.3
	10/04/2021 19:00	489.8	0.0	8.2	79.2	1.4	242.5
	10/04/2021 20:00	490.4	0.0	7.5	79.8	1.6	199.5
	10/04/2021 21:00	490.5	0.0	7.0	81.6	0.7	205.5
	10/04/2021 22:00	490.5	0.0	7.2	81.2	0.6	163.6
	10/04/2021 23:00	490.6	0.0	7.0	81.9	0.5	106.6
	11/04/2021 00:00	490.3	0.0	7.0	83.0	0.6	151.3
	11/04/2021 01:00	490.0	0.0	6.7	83.2	0.2	112.9
	11/04/2021 02:00	489.7	0.0	6.4	85.8	0.6	123.6
	11/04/2021 03:00	489.5	0.0	6.1	87.8	0.5	113.8
	11/04/2021 04:00	489.5	0.0	5.8	89.5	0.6	118.1
	11/04/2021 05:00	489.6	0.0	5.9	89.8	0.4	128.7
	11/04/2021 06:00	489.9	0.0	6.4	85.9	0.6	84.3
	11/04/2021 07:00	490.3	0.0	7.2	77.7	0.9	28.3
	11/04/2021 08:00	490.5	0.0	7.9	74.8	0.6	326.5
	11/04/2021 09:00	490.8	0.0	8.9	72.1	0.5	174.2
	11/04/2021 10:00	490.7	0.0	9.4	70.7	0.6	133.9
11	11/04/2021 11:00	490.3	0.0	10.7	66.4	1.1	186.3
	11/04/2021 12:00	489.7	0.0	12.3	58.0	1.0	200.9
	11/04/2021 13:00	488.9	0.0	14.1	51.9	1.3	166.1
	11/04/2021 14:00	488.3	0.0	14.6	54.8	2.4	89.5
	11/04/2021 15:00	487.8	0.0	13.5	60.5	2.1	57.3
	11/04/2021 16:00	487.8	0.0	12.7	66.3	2.6	71.4
	11/04/2021 17:00	488.4	0.0	11.0	71.5	2.1	63.2

11/04/2021 18:00	489.0	0.0	10.2	72.1	1.5	63.4
11/04/2021 19:00	489.6	0.0	10.3	70.1	0.6	157.6
11/04/2021 20:00	490.0	0.0	9.7	68.4	0.7	260.7
11/04/2021 21:00	490.4	0.0	8.9	72.9	1.3	14.4
11/04/2021 22:00	490.7	0.0	8.3	77.5	0.9	206.4
11/04/2021 23:00	490.9	0.0	7.7	79.0	1.0	202.2
12/04/2021 00:00	490.7	0.6	7.8	77.4	0.3	214.1
12/04/2021 01:00	490.3	2.5	7.0	82.7	0.3	142.5
12/04/2021 02:00	490.0	0.0	6.8	85.8	0.3	296.0
12/04/2021 03:00	489.9	0.0	6.9	85.8	0.8	278.7
12/04/2021 04:00	490.0	0.0	6.9	83.6	0.6	290.7
12/04/2021 05:00	490.2	0.9	6.6	86.4	0.5	280.3
12/04/2021 06:00	490.4	0.0	6.4	87.9	0.6	278.5
12/04/2021 07:00	490.7	0.0	7.1	83.6	0.3	152.5
12/04/2021 08:00	491.0	0.0	8.5	77.5	0.6	119.7
12/04/2021 09:00	491.4	0.0	9.7	69.0	1.2	118.0
12/04/2021 10:00	491.4	0.0	11.1	64.7	1.9	95.3
12/04/2021 11:00	490.9	0.0	12.2	60.8	1.8	71.6
12/04/2021 12:00	490.3	0.0	13.0	58.4	2.1	90.8
12/04/2021 13:00	489.6	0.0	14.0	56.1	2.0	66.6
12/04/2021 14:00	489.2	0.0	14.6	53.4	2.6	52.0
12/04/2021 15:00	488.9	0.0	14.7	51.3	1.9	75.2
12/04/2021 16:00	488.7	0.0	14.0	53.5	1.9	53.3
12/04/2021 17:00	489.0	0.0	12.1	64.8	2.2	51.5
12/04/2021 18:00	489.5	0.0	10.7	70.6	1.6	60.0
12/04/2021 19:00	490.2	0.0	10.2	71.6	1.3	99.2
12/04/2021 20:00	490.7	0.0	9.9	72.4	1.2	33.0
12/04/2021 21:00	491.1	0.0	9.2	75.5	1.5	74.0
12/04/2021 22:00	491.4	0.6	8.6	77.1	0.9	67.8
12/04/2021 23:00	491.5	0.0	8.7	77.4	0.8	166.3
13/04/2021 00:00	491.3	0.3	8.2	78.2	1.1	120.2
13/04/2021 01:00	491.1	0.9	7.6	79.7	0.6	154.2
13/04/2021 02:00	491.1	0.3	7.1	76.4	1.2	66.2
13/04/2021 03:00	490.9	0.3	6.8	77.9	0.6	171.7
13/04/2021 04:00	490.8	0.0	6.5	83.5	0.8	283.3
13/04/2021 05:00	491.1	0.0	6.4	84.6	0.5	298.9
13/04/2021 06:00	491.4	0.0	6.5	85.0	0.5	271.6
13/04/2021 07:00	491.8	0.0	7.0	82.3	0.4	220.4
13/04/2021 08:00	492.1	0.0	8.1	78.5	0.4	276.4
13/04/2021 09:00	492.1	0.0	9.7	70.6	1.4	272.7
13/04/2021 10:00	491.9	0.0	10.8	66.4	1.7	282.7
13/04/2021 11:00	491.6	0.0	11.7	63.6	2.0	114.6
13/04/2021 12:00	491.3	0.0	11.9	64.4	2.3	55.0
13/04/2021 13:00	490.8	0.0	13.0	58.9	2.0	88.0
13/04/2021 14:00	490.0	0.0	14.8	52.9	1.7	7.6
13/04/2021 15:00	489.5	0.0	15.1	51.5	1.9	71.8
13/04/2021 16:00	489.5	0.0	14.1	53.8	2.1	111.6
13/04/2021 17:00	489.9	0.0	12.6	62.9	2.3	98.3
13/04/2021 18:00	490.4	0.0	11.5	69.1	1.6	56.1
13/04/2021 19:00	490.6	0.0	10.8	70.2	0.9	37.7
13/04/2021 20:00	490.9	0.0	9.7	73.9	2.0	41.0
13/04/2021 21:00	491.4	0.0	9.1	75.0	1.8	17.8
13/04/2021 22:00	491.6	0.0	8.6	77.8	2.2	276.6
13/04/2021 23:00	491.6	0.0	8.3	78.6	1.1	283.3
14/04/2021 00:00	491.4	0.0	8.1	78.9	1.4	280.4
14/04/2021 01:00	491.0	0.0	8.1	78.7	0.8	290.4
14/04/2021 02:00	490.5	0.0	8.0	79.1	0.7	280.6
14/04/2021 03:00	490.4	0.0	8.1	78.7	0.6	270.6
14/04/2021 04:00	490.4	0.0	8.0	79.2	0.6	284.7
14/04/2021 05:00	490.6	0.0	8.1	78.5	1.6	35.2
14/04/2021 06:00	491.0	0.0	7.9	75.6	2.1	90.6
14/04/2021 07:00	491.5	0.6	8.2	76.6	1.2	98.6
14/04/2021 08:00	491.9	0.3	8.3	80.8	0.8	271.9
14/04/2021 09:00	492.1	0.0	9.9	71.7	0.9	333.4
14/04/2021 10:00	492.0	0.6	10.2	72.2	1.5	179.2
14/04/2021 11:00	491.5	0.0	10.8	74.4	1.3	167.5
14/04/2021 12:00	490.9	0.0	12.4	65.0	1.9	186.8
14/04/2021 13:00	490.4	0.0	11.5	67.8	2.0	83.6
14/04/2021 14:00	489.5	0.0	13.5	59.4	1.2	294.7
14/04/2021 15:00	488.9	0.0	15.4	52.1	1.3	336.5
14/04/2021 16:00	489.1	0.3	13.0	63.0	2.2	176.2
14/04/2021 17:00	489.8	1.8	9.9	74.7	1.3	287.7
14/04/2021 18:00	489.9	0.0	9.5	78.2	0.7	13.0
14/04/2021 19:00	490.1	0.0	9.3	81.3	0.7	286.3
14/04/2021 20:00	490.6	0.0	9.1	82.0	0.5	312.3
14/04/2021 21:00	490.8	0.0	8.3	83.4	0.9	273.7
14/04/2021 22:00	490.8	0.0	7.6	83.0	0.6	283.0
14/04/2021 23:00	490.9	0.0	7.0	83.6	0.4	123.9
15/04/2021 00:00	490.7	0.0	6.6	83.4	1.2	300.7
15/04/2021 01:00	490.5	0.0	6.2	84.3	1.4	271.4
15/04/2021 02:00	490.1	0.0	6.3	84.3	0.4	0.6
15/04/2021 03:00	489.9	0.0	6.2	84.9	1.2	304.3
15/04/2021 04:00	489.9	0.0	6.0	85.8	0.9	267.8
15/04/2021 05:00	490.0	0.0	6.1	85.2	0.4	304.2
15/04/2021 06:00	490.3	0.0	6.4	84.8	0.6	272.8
15/04/2021 07:00	490.8	0.0	6.9	83.1	0.5	284.3
15/04/2021 08:00	491.1	0.0	8.2	76.9	0.4	268.1
15/04/2021 09:00	491.1	0.0	9.7	71.5	0.8	156.6
15/04/2021 10:00	491.0	0.0	10.7	69.4	1.0	186.1
15/04/2021 11:00	490.6	0.6	11.4	66.5	1.3	153.0
15/04/2021 12:00	490.2	0.0	12.8	63.3	1.7	89.0
15/04/2021 13:00	490.1	4.4	11.1	72.5	2.2	175.1
15/04/2021 14:00	489.6	1.4	9.3	78.7	1.1	49.9
15/04/2021 15:00	489.1	0.0	10.5	72.0	1.0	288.2
15/04/2021 16:00	489.0	0.0	10.7	73.0	0.8	281.9

	15/04/2021 17:00	489.0	0.0	10.3	73.1	1.0	278.3
	15/04/2021 18:00	489.1	0.0	10.0	74.8	1.6	345.5
	15/04/2021 19:00	489.5	0.0	9.9	76.2	2.1	83.7
	15/04/2021 20:00	489.9	0.0	9.4	76.7	1.6	76.0
	15/04/2021 21:00	490.2	0.0	9.2	76.2	1.0	66.3
	15/04/2021 22:00	490.4	0.0	9.3	73.7	0.8	53.5
	15/04/2021 23:00	490.3	0.0	9.2	75.9	0.7	296.0
	16/04/2021 00:00	490.0	0.0	8.3	79.9	0.5	275.8
	16/04/2021 01:00	489.8	0.0	7.3	79.9	0.7	352.0
	16/04/2021 02:00	489.8	0.0	6.3	82.6	0.5	313.2
	16/04/2021 03:00	489.7	0.0	5.4	85.0	0.6	308.5
	16/04/2021 04:00	489.7	0.0	5.0	85.8	0.7	312.9
	16/04/2021 05:00	489.9	0.0	5.0	85.0	1.3	281.0
	16/04/2021 06:00	490.4	0.0	5.0	83.5	1.3	281.4
	16/04/2021 07:00	490.9	0.0	5.5	82.4	1.2	275.8
	16/04/2021 08:00	491.0	0.0	7.2	77.0	0.6	220.4
	16/04/2021 09:00	491.1	0.0	9.9	66.2	0.8	255.3
	16/04/2021 10:00	491.0	0.0	11.3	64.2	1.0	151.7
16	16/04/2021 11:00	490.5	0.0	13.1	59.7	1.3	190.8
	16/04/2021 12:00	490.0	0.0	14.4	54.9	0.9	296.7
	16/04/2021 13:00	489.3	0.0	16.1	48.9	1.2	13.6
	16/04/2021 14:00	488.7	0.0	17.1	45.0	1.3	64.3
	16/04/2021 15:00	488.2	0.0	16.4	49.2	1.9	80.8
	16/04/2021 16:00	488.4	0.0	15.1	52.0	2.6	67.9
	16/04/2021 17:00	488.7	0.0	13.2	60.6	3.1	79.5
	16/04/2021 18:00	489.2	0.0	11.1	70.8	2.2	71.9
	16/04/2021 19:00	489.7	0.0	10.2	73.4	2.5	64.7
	16/04/2021 20:00	490.3	0.0	9.6	74.9	1.4	26.1
	16/04/2021 21:00	490.7	0.0	8.8	76.6	1.7	343.3
	16/04/2021 22:00	490.9	0.0	7.7	78.8	1.2	321.6
	16/04/2021 23:00	491.0	0.0	6.6	82.0	1.1	282.5
	17/04/2021 00:00	490.7	0.0	5.9	83.4	0.8	281.8
	17/04/2021 01:00	490.5	0.0	5.2	84.5	1.2	283.3
	17/04/2021 02:00	490.4	0.0	4.6	85.8	0.8	280.7
	17/04/2021 03:00	490.2	0.0	3.8	87.9	1.5	284.1
	17/04/2021 04:00	490.2	0.0	3.6	88.0	0.7	286.6
	17/04/2021 05:00	490.5	0.0	3.2	90.8	0.8	29.2
	17/04/2021 06:00	491.0	0.0	3.2	89.6	0.7	350.8
	17/04/2021 07:00	491.5	0.0	3.0	90.5	0.7	4.2
	17/04/2021 08:00	491.7	0.0	4.8	82.8	0.6	31.8
	17/04/2021 09:00	491.7	0.0	8.7	68.5	0.8	138.6
	17/04/2021 10:00	491.4	0.0	11.2	61.5	0.9	166.2
17	17/04/2021 11:00	490.8	0.0	13.6	58.8	1.5	159.5
	17/04/2021 12:00	490.2	0.0	15.2	51.3	1.2	174.3
	17/04/2021 13:00	489.7	0.0	15.8	45.3	2.8	51.0
	17/04/2021 14:00	489.2	0.0	15.3	42.6	3.0	43.5
	17/04/2021 15:00	488.8	0.0	15.2	42.1	3.1	58.2
	17/04/2021 16:00	488.8	0.0	14.5	49.1	2.4	79.9
	17/04/2021 17:00	489.0	0.0	12.8	57.8	2.6	74.8
	17/04/2021 18:00	489.6	0.0	11.0	69.4	2.6	76.6
	17/04/2021 19:00	490.2	0.0	10.1	71.3	2.2	42.7
	17/04/2021 20:00	490.7	0.0	9.5	71.9	0.9	34.3
	17/04/2021 21:00	491.1	0.0	8.7	74.7	0.6	336.2
	17/04/2021 22:00	491.1	0.0	7.7	77.6	1.0	306.7
	17/04/2021 23:00	491.1	0.0	6.7	80.1	0.8	277.5
	18/04/2021 00:00	491.0	0.0	5.9	81.5	0.9	287.7
	18/04/2021 01:00	490.7	0.0	5.2	83.0	0.7	287.5
	18/04/2021 02:00	490.4	0.0	4.7	83.9	0.8	294.2
	18/04/2021 03:00	490.3	0.0	4.2	85.5	0.8	292.1
	18/04/2021 04:00	490.2	0.0	3.7	86.4	0.9	294.3
	18/04/2021 05:00	490.4	0.0	3.4	86.6	0.8	286.6
	18/04/2021 06:00	490.7	0.0	3.1	86.8	0.8	279.7
	18/04/2021 07:00	491.0	0.0	3.3	86.0	1.0	271.8
	18/04/2021 08:00	491.3	0.0	5.6	78.0	0.7	99.0
	18/04/2021 09:00	491.2	0.0	9.3	64.8	0.6	164.9
	18/04/2021 10:00	490.9	0.0	12.7	57.2	1.3	105.0
18	18/04/2021 11:00	490.7	0.0	14.9	47.9	2.6	66.6
	18/04/2021 12:00	490.1	0.0	15.7	48.2	2.3	90.4
	18/04/2021 13:00	489.5	0.0	16.2	46.5	2.2	43.0
	18/04/2021 14:00	488.9	0.0	16.3	44.1	2.8	24.6
	18/04/2021 15:00	489.0	0.0	15.0	46.9	2.9	79.7
	18/04/2021 16:00	489.6	0.0	12.6	49.5	1.5	221.4
	18/04/2021 17:00	489.7	0.0	12.0	51.1	1.4	304.0
	18/04/2021 18:00	490.1	0.0	10.3	58.8	2.0	271.3
	18/04/2021 19:00	490.4	0.0	8.8	65.7	1.6	293.8
	18/04/2021 20:00	490.8	0.0	8.4	67.1	0.9	0.8
	18/04/2021 21:00	491.0	0.0	8.0	68.9	1.2	329.7
	18/04/2021 22:00	491.2	0.0	6.6	74.8	1.4	287.1
	18/04/2021 23:00	491.3	0.0	5.7	77.4	1.2	280.5
	19/04/2021 00:00	491.2	0.0	5.0	78.8	0.9	285.2
	19/04/2021 01:00	491.1	0.0	4.5	79.8	1.4	283.9
	19/04/2021 02:00	490.9	0.0	3.9	81.2	1.0	284.6
	19/04/2021 03:00	490.9	0.0	3.5	82.7	1.1	286.5
	19/04/2021 04:00	490.9	0.0	3.1	83.2	1.0	286.7
	19/04/2021 05:00	491.2	0.0	2.7	84.0	1.2	285.5
	19/04/2021 06:00	491.5	0.0	2.5	84.5	0.9	287.6
	19/04/2021 07:00	491.9	0.0	2.9	82.7	0.9	273.4
	19/04/2021 08:00	492.1	0.0	5.9	71.6	0.8	91.5
	19/04/2021 09:00	492.0	0.0	9.2	60.4	0.9	154.2
	19/04/2021 10:00	491.6	0.0	11.9	56.8	1.3	177.2
19	19/04/2021 11:00	491.0	0.0	13.4	53.6	1.8	152.5
	19/04/2021 12:00	490.6	0.0	15.3	43.0	2.0	76.2
	19/04/2021 13:00	490.1	0.0	16.3	39.0	2.5	55.3
	19/04/2021 14:00	489.6	0.0	16.2	39.8	2.1	105.9
	19/04/2021 15:00	489.3	0.0	15.3	44.2	2.0	95.0

	19/04/2021 16:00	489.3	0.0	14.2	49.1	2.4	98.0
	19/04/2021 17:00	489.7	0.0	12.9	51.9	2.0	81.0
	19/04/2021 18:00	490.1	0.0	12.0	54.4	1.6	108.9
	19/04/2021 19:00	490.6	0.0	11.2	57.3	1.2	97.8
	19/04/2021 20:00	491.1	0.0	9.9	65.4	1.6	21.6
	19/04/2021 21:00	491.2	0.0	8.6	69.2	1.8	3.0
	19/04/2021 22:00	491.1	0.0	7.6	71.3	0.8	354.2
	19/04/2021 23:00	491.1	0.0	6.7	74.1	1.3	313.0
	20/04/2021 00:00	491.0	0.0	5.4	78.5	1.2	288.3
	20/04/2021 01:00	490.7	0.0	4.6	79.8	1.2	285.6
	20/04/2021 02:00	490.5	0.0	3.8	81.5	0.9	290.0
	20/04/2021 03:00	490.6	0.0	3.4	82.1	1.4	285.4
	20/04/2021 04:00	490.6	0.0	2.9	82.5	1.0	288.5
	20/04/2021 05:00	490.8	0.0	2.5	83.2	1.2	280.5
	20/04/2021 06:00	491.1	0.0	2.2	83.1	1.0	287.4
	20/04/2021 07:00	491.6	0.0	2.7	81.1	0.6	286.9
	20/04/2021 08:00	492.0	0.0	5.5	70.5	0.4	69.7
	20/04/2021 09:00	492.0	0.0	8.3	63.1	0.5	31.5
	20/04/2021 10:00	491.8	0.0	12.3	53.0	1.4	183.2
20	20/04/2021 11:00	491.4	0.0	13.8	46.3	2.6	140.6
	20/04/2021 12:00	490.8	0.0	15.1	39.0	1.9	43.6
	20/04/2021 13:00	490.0	0.0	16.2	34.5	2.1	55.7
	20/04/2021 14:00	489.3	0.0	15.8	40.0	2.1	328.6
	20/04/2021 15:00	489.2	0.0	13.6	54.7	2.9	356.7
	20/04/2021 16:00	489.5	0.0	12.0	62.7	2.4	56.0
	20/04/2021 17:00	490.1	0.0	10.4	67.7	2.2	62.5
	20/04/2021 18:00	490.6	0.0	9.2	68.6	2.1	48.4
	20/04/2021 19:00	491.1	0.0	8.9	68.2	0.9	346.8
	20/04/2021 20:00	491.4	0.0	8.2	69.8	2.0	13.8
	20/04/2021 21:00	491.6	0.0	7.6	73.8	1.2	298.9
	20/04/2021 22:00	491.6	0.0	6.5	77.8	1.1	289.5
	20/04/2021 23:00	491.4	0.0	5.6	79.3	1.3	287.5
	21/04/2021 00:00	491.0	0.0	4.9	80.6	1.1	287.0
	21/04/2021 01:00	490.8	0.0	4.3	82.4	1.1	293.3
	21/04/2021 02:00	490.7	0.0	3.9	82.6	1.1	282.9
	21/04/2021 03:00	490.7	0.0	4.0	81.6	0.7	283.3
	21/04/2021 04:00	490.6	0.0	4.2	81.1	0.7	293.8
	21/04/2021 05:00	490.8	0.0	4.4	81.5	0.6	286.5
	21/04/2021 06:00	491.1	0.0	4.6	81.3	1.1	273.7
	21/04/2021 07:00	491.3	0.0	5.2	79.2	0.1	133.2
	21/04/2021 08:00	491.4	0.0	9.1	64.8	0.4	140.4
	21/04/2021 09:00	491.5	0.0	11.1	57.9	1.1	155.7
	21/04/2021 10:00	491.0	0.0	13.4	51.2	1.6	144.2
21	21/04/2021 11:00	490.4	0.0	15.9	38.5	2.0	153.0
	21/04/2021 12:00	489.9	0.0	15.7	39.9	2.0	245.5
	21/04/2021 13:00	489.3	0.0	15.9	40.1	1.8	203.0
	21/04/2021 14:00	488.8	0.0	15.4	43.1	2.3	149.4
	21/04/2021 15:00	489.0	0.0	13.3	49.9	2.2	108.9
	21/04/2021 16:00	489.6	0.0	9.0	68.7	2.8	283.3
	21/04/2021 17:00	489.9	0.0	9.0	69.9	1.6	297.5
	21/04/2021 18:00	490.3	0.0	8.9	69.6	1.8	288.9
	21/04/2021 19:00	490.6	0.0	8.9	69.5	0.9	291.6
	21/04/2021 20:00	490.9	0.0	8.5	70.7	0.6	52.0
	21/04/2021 21:00	491.0	0.0	7.8	72.5	0.7	358.3
	21/04/2021 22:00	491.0	0.0	7.0	74.9	0.8	330.6
	21/04/2021 23:00	491.0	0.0	6.0	78.8	1.1	295.7
	22/04/2021 00:00	490.8	0.0	5.2	81.1	1.1	289.6
	22/04/2021 01:00	490.4	0.0	4.4	82.9	0.8	288.9
	22/04/2021 02:00	490.1	0.0	4.0	83.3	0.7	288.2
	22/04/2021 03:00	490.1	0.0	3.5	84.6	1.0	289.0
	22/04/2021 04:00	490.0	0.0	3.0	85.2	0.8	287.9
	22/04/2021 05:00	490.2	0.0	2.6	85.9	1.1	288.7
	22/04/2021 06:00	490.7	0.0	2.6	86.4	0.9	129.7
	22/04/2021 07:00	491.1	0.0	3.4	84.2	0.9	51.0
	22/04/2021 08:00	491.2	0.0	5.5	76.8	1.2	50.3
	22/04/2021 09:00	491.2	0.0	8.0	69.9	1.1	273.8
	22/04/2021 10:00	490.8	0.0	9.9	65.6	0.8	119.3
22	22/04/2021 11:00	490.1	0.0	12.5	55.7	0.6	110.4
	22/04/2021 12:00	489.5	0.0	13.2	52.6	1.6	308.9
	22/04/2021 13:00	489.5	0.0	11.4	53.1	2.5	327.5
	22/04/2021 14:00	489.3	4.2	9.2	69.3	2.1	32.4
	22/04/2021 15:00	488.6	0.3	11.3	61.0	2.8	8.9
	22/04/2021 16:00	488.5	0.0	11.9	60.0	1.9	2.0
	22/04/2021 17:00	488.9	0.0	10.6	68.3	1.5	71.4
	22/04/2021 18:00	489.4	0.0	9.7	71.2	1.6	77.1
	22/04/2021 19:00	489.8	0.0	9.5	71.9	0.9	74.3
	22/04/2021 20:00	490.2	0.0	9.3	72.7	0.6	103.6
	22/04/2021 21:00	490.5	0.0	8.6	77.0	0.4	302.1
	22/04/2021 22:00	490.6	0.0	8.0	77.8	0.4	55.5
	22/04/2021 23:00	490.5	0.0	7.9	78.7	0.5	277.5
	23/04/2021 00:00	490.1	0.0	7.3	80.3	0.2	22.0
	23/04/2021 01:00	489.7	0.0	6.8	79.9	0.7	352.0
	23/04/2021 02:00	489.6	0.0	6.1	82.4	0.6	28.1
	23/04/2021 03:00	489.7	0.0	6.1	81.7	0.8	275.0
	23/04/2021 04:00	489.8	0.0	6.0	81.4	0.9	281.1
	23/04/2021 05:00	490.1	0.0	5.9	81.1	1.0	273.1
	23/04/2021 06:00	490.5	0.0	6.2	79.5	1.2	285.3
	23/04/2021 07:00	490.9	0.0	6.3	78.7	1.0	292.0
	23/04/2021 08:00	491.1	0.0	7.2	74.7	0.8	5.8
	23/04/2021 09:00	491.0	0.0	9.8	65.0	0.6	265.0
	23/04/2021 10:00	490.4	0.0	11.8	58.9	1.1	118.9
23	23/04/2021 11:00	489.8	0.0	14.5	50.0	1.1	113.6
	23/04/2021 12:00	489.1	0.0	15.5	49.4	2.4	41.9
	23/04/2021 13:00	488.5	0.0	15.3	52.8	3.0	95.5
	23/04/2021 14:00	488.2	12.3	13.5	59.7	3.0	81.0

	23/04/2021 15:00	488.4	0.3	10.5	73.5	2.7	58.3
	23/04/2021 16:00	488.7	0.8	9.8	74.6	1.6	9.8
	23/04/2021 17:00	488.8	0.0	9.2	77.7	1.8	287.6
	23/04/2021 18:00	489.1	0.0	8.7	78.4	1.0	296.5
	23/04/2021 19:00	489.6	0.0	8.3	78.6	1.0	289.8
	23/04/2021 20:00	490.1	0.0	7.9	78.9	1.0	303.9
	23/04/2021 21:00	490.5	0.0	7.1	80.5	0.8	299.7
	23/04/2021 22:00	490.7	0.0	6.6	80.5	1.0	347.3
	23/04/2021 23:00	490.9	0.0	5.7	82.6	0.8	310.8
	24/04/2021 00:00	490.8	0.0	4.8	85.1	0.8	294.2
	24/04/2021 01:00	490.6	0.0	4.4	86.2	0.6	306.9
	24/04/2021 02:00	490.3	0.0	4.0	86.9	0.9	288.6
	24/04/2021 03:00	490.1	0.0	3.9	84.8	1.4	280.1
	24/04/2021 04:00	490.2	0.0	3.3	87.3	1.5	280.7
	24/04/2021 05:00	490.4	0.0	3.2	87.6	1.3	281.4
	24/04/2021 06:00	490.7	0.0	3.4	86.0	1.4	280.2
	24/04/2021 07:00	491.2	0.0	3.5	84.6	2.1	283.7
	24/04/2021 08:00	491.6	0.0	3.9	82.9	2.0	280.8
	24/04/2021 09:00	491.5	0.0	5.4	78.0	1.2	283.0
	24/04/2021 10:00	491.1	0.0	8.8	64.5	0.9	237.2
24	24/04/2021 11:00	490.2	0.0	12.4	56.1	0.8	102.2
	24/04/2021 12:00	489.7	0.0	14.5	50.8	1.1	59.4
	24/04/2021 13:00	489.0	0.0	15.9	49.0	2.3	41.4
	24/04/2021 14:00	488.2	0.0	16.3	48.5	2.1	42.1
	24/04/2021 15:00	487.8	0.0	15.3	56.3	2.9	100.7
	24/04/2021 16:00	488.1	0.0	12.8	65.4	2.5	81.5
	24/04/2021 17:00	488.5	0.0	11.3	70.0	2.0	65.7
	24/04/2021 18:00	488.9	0.0	10.8	72.6	1.4	67.7
	24/04/2021 19:00	489.4	0.0	10.5	72.3	1.6	63.0
	24/04/2021 20:00	489.8	0.0	10.1	73.4	1.6	65.7
	24/04/2021 21:00	490.1	0.0	9.7	74.3	1.1	38.2
	24/04/2021 22:00	490.1	0.0	9.4	75.7	0.7	331.8
	24/04/2021 23:00	490.1	0.0	7.9	79.7	0.9	286.7
	25/04/2021 00:00	490.0	0.0	6.9	81.2	0.7	316.9
	25/04/2021 01:00	489.8	0.0	6.3	80.8	1.2	333.2
	25/04/2021 02:00	489.5	0.0	5.2	84.3	1.1	285.0
	25/04/2021 03:00	489.5	0.0	4.6	84.5	1.0	281.2
	25/04/2021 04:00	489.7	0.0	4.3	84.1	1.5	279.2
	25/04/2021 05:00	490.1	0.0	4.1	83.3	1.5	275.5
	25/04/2021 06:00	490.5	0.0	4.4	82.7	1.2	280.5
	25/04/2021 07:00	490.8	0.0	4.9	79.6	0.9	283.4
	25/04/2021 08:00	491.2	0.0	6.2	74.2	0.9	290.9
	25/04/2021 09:00	491.3	0.0	8.3	66.2	0.6	276.5
	25/04/2021 10:00	491.0	0.0	10.9	56.0	1.2	120.2
25	25/04/2021 11:00	490.4	0.0	14.3	36.8	0.7	259.2
	25/04/2021 12:00	489.7	0.0	15.3	37.0	1.1	78.1
	25/04/2021 13:00	489.0	0.0	15.7	37.0	0.9	40.8
	25/04/2021 14:00	488.4	0.0	15.7	41.4	1.5	88.3
	25/04/2021 15:00	488.0	0.0	15.5	49.9	2.2	74.5
	25/04/2021 16:00	488.0	0.0	14.7	54.6	2.0	61.3
	25/04/2021 17:00	488.4	0.3	12.9	66.1	2.5	67.9
	25/04/2021 18:00	489.1	0.0	11.0	72.5	2.1	62.4
	25/04/2021 19:00	489.6	0.0	10.6	71.7	1.4	73.3
	25/04/2021 20:00	489.9	0.0	10.5	72.0	0.9	57.2
	25/04/2021 21:00	490.2	0.0	9.8	74.2	1.1	0.6
	25/04/2021 22:00	490.4	0.0	9.3	75.8	1.1	349.3
	25/04/2021 23:00	490.6	0.0	8.6	78.2	1.6	267.7
	26/04/2021 00:00	490.4	0.0	8.4	78.5	1.8	274.4
	26/04/2021 01:00	490.0	0.0	8.1	79.5	0.4	256.9
	26/04/2021 02:00	489.6	0.0	7.5	80.4	1.1	280.1
	26/04/2021 03:00	489.5	0.0	6.4	82.4	1.6	270.6
	26/04/2021 04:00	489.6	0.0	6.2	79.5	1.1	287.9
	26/04/2021 05:00	489.8	0.0	6.0	77.3	0.7	301.0
	26/04/2021 06:00	490.1	0.0	5.6	76.7	1.2	313.6
	26/04/2021 07:00	490.3	0.0	5.9	73.6	1.0	292.8
	26/04/2021 08:00	490.5	0.0	8.4	69.8	0.8	126.7
	26/04/2021 09:00	490.6	0.0	9.9	66.0	1.0	116.6
	26/04/2021 10:00	490.3	0.0	11.4	60.9	0.6	120.1
26	26/04/2021 11:00	489.7	0.0	14.3	46.7	0.8	63.9
	26/04/2021 12:00	489.0	0.0	15.9	45.2	1.8	62.1
	26/04/2021 13:00	488.4	0.0	16.1	50.3	2.8	57.4
	26/04/2021 14:00	488.1	0.0	14.5	55.4	2.6	95.4
	26/04/2021 15:00	488.3	1.3	11.5	67.7	3.5	79.5
	26/04/2021 16:00	488.7	0.0	10.3	64.6	3.1	85.7
	26/04/2021 17:00	489.0	0.0	9.9	68.9	1.8	39.6
	26/04/2021 18:00	489.4	0.0	9.4	70.5	1.6	63.3
	26/04/2021 19:00	489.8	0.0	8.9	70.9	2.1	10.3
	26/04/2021 20:00	490.3	0.0	8.4	73.5	0.7	19.1
	26/04/2021 21:00	490.6	0.0	7.8	76.0	0.8	346.5
	26/04/2021 22:00	490.7	0.0	7.0	75.9	1.0	349.4
	26/04/2021 23:00	490.8	0.0	6.3	77.9	0.6	319.6
	27/04/2021 00:00	490.6	0.0	5.4	80.7	0.9	283.3
	27/04/2021 01:00	490.3	0.0	4.8	81.1	0.9	291.0
	27/04/2021 02:00	490.0	0.0	4.4	83.1	0.9	285.6
	27/04/2021 03:00	489.9	0.0	3.8	83.9	1.2	286.3
	27/04/2021 04:00	489.8	0.0	3.2	84.9	1.0	289.4
	27/04/2021 05:00	490.0	0.0	2.8	84.9	1.1	281.2
	27/04/2021 06:00	490.4	0.0	2.4	85.1	1.3	280.7
	27/04/2021 07:00	490.8	0.0	2.5	84.6	1.0	285.5
	27/04/2021 08:00	491.0	0.0	4.4	77.3	0.6	277.9
	27/04/2021 09:00	490.8	0.0	7.0	68.3	0.9	116.4
	27/04/2021 10:00	490.4	0.0	10.6	56.5	1.6	156.4
27	27/04/2021 11:00	489.6	0.0	13.5	40.3	1.6	157.5
	27/04/2021 12:00	488.8	0.0	16.1	28.0	1.4	148.7
	27/04/2021 13:00	488.2	0.0	16.7	28.0	1.4	233.7

27/04/2021 14:00	487.8	0.0	15.6	31.7	2.6	53.8
27/04/2021 15:00	487.6	0.0	14.2	47.6	2.9	82.8
27/04/2021 16:00	488.0	0.0	12.4	53.3	3.0	80.0
27/04/2021 17:00	488.5	0.0	10.7	63.2	2.5	70.6
27/04/2021 18:00	488.9	0.0	9.9	65.6	2.3	60.2
27/04/2021 19:00	489.2	0.0	9.9	64.2	2.0	39.5
27/04/2021 20:00	489.6	0.0	9.5	67.1	1.2	347.2
27/04/2021 21:00	490.0	0.0	8.2	71.4	1.8	354.3
27/04/2021 22:00	490.2	0.0	7.5	74.2	1.4	331.8
27/04/2021 23:00	490.2	0.0	6.9	76.9	0.9	336.4
28/04/2021 00:00	490.1	0.0	6.4	77.8	0.8	307.7
28/04/2021 01:00	489.9	0.0	5.9	77.7	0.8	295.1
28/04/2021 02:00	489.7	0.0	5.5	78.3	0.9	286.5
28/04/2021 03:00	489.5	0.0	5.0	78.7	0.8	282.3

	28/04/2021 04:00	489.5	0.0	4.4	79.4	0.8	291.5
	28/04/2021 05:00	489.9	0.0	4.0	79.8	0.8	290.3
	28/04/2021 06:00	490.2	0.0	3.9	79.4	0.9	279.2
	28/04/2021 07:00	490.5	0.0	4.3	77.1	0.8	276.4
	28/04/2021 08:00	490.8	0.0	7.0	64.3	0.5	85.5
	28/04/2021 09:00	490.7	0.0	9.8	53.2	0.7	160.1
	28/04/2021 10:00	490.4	0.0	11.5	51.6	0.9	150.5
28	28/04/2021 11:00	489.9	0.0	14.5	44.7	0.9	266.2
	28/04/2021 12:00	489.2	0.0	16.2	33.4	1.3	278.3
	28/04/2021 13:00	488.6	0.0	16.1	41.1	1.6	39.1
	28/04/2021 14:00	488.0	0.0	15.6	45.7	2.7	50.9
	28/04/2021 15:00	487.8	0.0	15.1	50.1	2.5	93.3
	28/04/2021 16:00	487.9	0.0	13.5	55.7	2.3	80.1
	28/04/2021 17:00	488.3	0.0	11.6	62.4	2.4	56.0
	28/04/2021 18:00	488.9	0.0	10.1	68.9	2.2	71.1
	28/04/2021 19:00	489.4	0.0	9.5	71.5	1.2	66.6
	28/04/2021 20:00	489.9	0.0	9.2	72.0	1.0	78.9
	28/04/2021 21:00	490.2	0.0	8.9	71.7	1.3	62.0
	28/04/2021 22:00	490.5	0.0	8.1	73.3	1.5	82.7
	28/04/2021 23:00	490.6	0.0	8.0	73.6	0.8	21.8
	29/04/2021 00:00	490.5	0.0	7.8	73.8	1.1	278.7
	29/04/2021 01:00	490.2	0.0	7.1	73.1	1.2	263.0
	29/04/2021 02:00	490.1	0.0	6.4	73.9	1.1	277.7
	29/04/2021 03:00	490.1	0.0	5.7	74.0	1.3	281.5
	29/04/2021 04:00	490.2	0.0	5.0	73.0	1.2	293.9
	29/04/2021 05:00	490.4	0.0	4.5	72.9	1.5	301.1
	29/04/2021 06:00	490.8	0.0	4.0	74.3	1.7	301.4
	29/04/2021 07:00	491.1	0.0	4.3	72.4	0.7	300.6
	29/04/2021 08:00	491.4	0.0	6.7	67.9	0.5	234.1
	29/04/2021 09:00	491.3	0.0	9.3	62.2	0.9	190.5
	29/04/2021 10:00	490.9	0.0	11.5	53.2	1.2	161.5
29	29/04/2021 11:00	490.4	0.0	13.0	47.4	1.0	266.4
	29/04/2021 12:00	489.8	0.0	14.1	44.9	1.1	42.8
	29/04/2021 13:00	489.2	0.0	14.7	45.3	1.2	26.1
	29/04/2021 14:00	488.6	0.0	14.8	50.9	2.4	72.5
	29/04/2021 15:00	488.3	0.0	14.3	54.8	3.0	90.9
	29/04/2021 16:00	488.5	0.0	12.3	62.7	2.7	92.1
	29/04/2021 17:00	489.1	0.0	10.3	69.9	2.5	94.1
	29/04/2021 18:00	489.7	0.0	9.2	73.1	2.1	58.3
	29/04/2021 19:00	490.1	0.0	8.8	73.0	1.9	42.4
	29/04/2021 20:00	490.5	0.0	8.7	72.9	1.3	47.3
	29/04/2021 21:00	490.8	0.0	8.5	75.5	1.3	66.3
	29/04/2021 22:00	491.0	0.0	8.4	76.5	1.5	46.0
	29/04/2021 23:00	490.9	0.0	8.3	76.3	1.3	31.4
	30/04/2021 00:00	490.6	0.0	8.3	75.7	2.0	39.5
	30/04/2021 01:00	490.4	0.0	8.1	76.6	1.7	81.0
	30/04/2021 02:00	490.1	0.0	8.1	76.0	1.4	0.9
	30/04/2021 03:00	490.0	0.0	7.9	77.2	1.0	317.7
	30/04/2021 04:00	490.0	0.0	7.3	77.6	1.4	279.2
	30/04/2021 05:00	490.2	0.0	6.9	76.3	0.8	283.0
	30/04/2021 06:00	490.6	0.0	7.1	76.7	0.5	289.6
	30/04/2021 07:00	491.0	0.0	7.7	76.6	0.7	270.2
	30/04/2021 08:00	491.2	0.0	10.4	63.2	0.4	252.6
	30/04/2021 09:00	491.2	0.0	11.9	53.0	0.8	297.9
	30/04/2021 10:00	490.9	0.0	13.3	48.7	1.0	286.3
	30/04/2021 11:00	490.4	0.0	15.1	42.4	0.9	280.4
	30/04/2021 12:00	489.7	0.0	15.7	40.6	1.2	33.4
	30/04/2021 13:00	489.1	0.0	16.6	40.8	2.3	49.2
	30/04/2021 14:00	488.5	0.0	16.1	44.0	2.7	89.6
	30/04/2021 15:00	488.4	0.0	14.7	49.7	2.7	56.3
	30/04/2021 16:00	488.7	0.0	12.2	58.8	2.5	62.5
	30/04/2021 17:00	489.4	0.0	10.4	64.3	1.9	56.9
	30/04/2021 18:00	489.8	0.0	9.9	66.0	1.8	61.7
	30/04/2021 19:00	490.2	0.0	9.7	67.2	1.7	59.8
	30/04/2021 20:00	490.6	0.0	9.6	67.6	1.7	89.8
	30/04/2021 21:00	490.7	0.0	9.3	71.3	1.2	305.4
	30/04/2021 22:00	490.8	0.0	8.5	71.1	1.9	20.2
	30/04/2021 23:00	490.9	0.0	8.5	71.9	1.2	359.3

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en mayo de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica
DATOS DEL EQUIPO			
EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	5.97	5.82	5.95	5.95	6.08	6.10	6.45	6.10	6.03	5.84	5.84	6.03	6.26	6.34	6.03	6.08	6.31	6.24	6.18	6.84	6.50	6.68	6.10	6.31	6.37	6.47	6.39	6.55	6.47	6.81	6.84
01:00	6.10	5.40	5.74	6.16	6.05	5.92	6.10	6.00	6.08	5.92	6.10	5.79	6.13	6.24	6.05	6.18	6.03	6.34	6.24	7.13	6.50	6.79	6.39	6.24	6.29	6.55	6.31	6.52	6.58	6.60	6.50
02:00	5.87	5.76	5.87	6.13	5.97	6.05	6.34	6.08	5.92	6.00	5.76	6.08	6.08	6.16	6.05	6.08	6.29	6.29	6.26	6.94	6.50	6.60	6.31	6.24	6.00	6.76	6.34	6.31	6.52	6.71	6.73
03:00	6.03	5.90	5.71	6.13	6.39	6.10	6.16	5.97	6.00	5.61	5.97	6.10	6.21	6.18	6.00	6.24	6.00	6.39	6.13	6.39	6.55	6.34	6.45	6.24	6.24	6.65	6.47	6.58	6.50	7.02	6.39
04:00	6.21	5.69	6.08	5.92	6.60	5.97	6.24	6.16	6.10	5.63	6.24	6.10	6.42	6.26	6.13	6.05	6.00	6.26	6.47	6.31	6.50	6.24	6.10	6.21	6.45	6.58	6.71	6.76	6.58	6.68	6.47
05:00	6.16	5.84	6.24	5.84	7.55	6.21	6.45	5.97	6.18	6.08	6.21	6.89	6.60	6.08	6.18	6.03	6.45	6.29	6.21	6.24	6.47	6.97	5.92	6.45	6.50	6.76	7.28	7.49	6.76	6.81	6.34
06:00	6.34	5.82	6.45	6.18	13.76	6.45	6.26	6.42	6.34	5.95	6.18	6.86	7.44	6.21	6.37	6.24	6.50	6.45	6.18	6.24	6.50	7.28	6.42	6.10	6.79	7.10	10.30	7.62	7.05	6.71	6.31
07:00	6.81	5.90	7.07	6.50	13.78	6.34	6.24	6.50	6.03	6.34	6.21	7.18	7.13	6.50	6.92	6.05	6.55	6.60	6.94	6.60	6.79	7.55	6.18	6.24	7.00	6.60	17.69	7.13	7.13	7.02	6.37
08:00	6.39	6.13	6.45	6.52	9.72	6.31	6.34	6.39	5.95	6.00	6.16	6.50	7.57	6.50	6.21	5.87	6.55	6.60	6.81	6.50	6.89	7.00	6.50	6.21	6.92	6.68	7.99	6.60	6.21	6.63	6.65
09:00	6.71	6.21	6.50	6.86	7.00	6.05	6.18	ID	6.00	6.08	6.10	6.16	8.41	6.60	6.08	6.10	6.60	6.34	6.86	6.24	7.02	6.84	6.39	6.52	6.73	6.60	7.13	6.71	6.31	6.45	6.45
10:00	11.71	7.07	6.26	6.45	6.24	6.18	5.95	5.92	10.79	6.10	6.42	6.34	7.13	6.50	5.95	6.03	6.58	6.42	6.86	6.76	6.55	6.60	6.89	6.26	6.68	6.60	7.99	6.97	6.86	6.50	6.68
11:00	9.20	6.81	6.10	6.08	6.05	6.16	5.90	6.03	8.86	6.10	6.21	6.34	6.55	6.34	6.03	6.50	6.26	6.47	6.84	7.28	6.76	6.73	6.63	7.26	6.55	6.81	6.94	7.26	6.55	6.58	6.79
12:00	7.05	6.50	6.24	6.05	6.24	5.76	5.97	5.90	8.99	6.00	5.95	6.45	6.50	6.39	6.18	6.81	6.21	6.97	6.60	6.55	6.34	6.65	6.31	6.50	6.52	6.76	6.68	6.52	6.42	6.55	7.10
13:00	6.16	6.58	5.92	5.97	5.97	5.84	5.95	5.87	6.10	5.84	5.97	6.10	6.34	6.37	6.16	6.34	6.39	6.50	6.45	6.60	6.47	6.50	6.50	6.55	6.37	6.68	6.63	6.31	6.16	6.76	6.60
14:00	6.08	6.26	5.92	5.92	6.08	6.10	5.82	5.71	6.05	5.82	6.00	5.97	6.18	6.24	6.08	6.24	6.24	6.39	6.39	6.42	6.18	6.45	6.34	6.34	6.45	6.63	6.50	6.76	6.47	6.65	6.45
15:00	5.95	6.10	5.71	5.97	6.03	5.92	5.82	6.00	5.76	5.97	6.05	5.97	6.50	6.13	6.10	5.97	6.34	6.24	6.24	6.52	6.24	6.34	6.45	6.63	6.29	6.16	6.42	6.79	6.55	6.45	6.58
16:00	5.87	6.13	5.69	6.10	6.24	5.90	5.74	5.92	5.95	6.10	6.03	6.24	6.13	5.97	6.05	5.97	6.37	9.77	6.50	6.34	6.21	6.45	6.26	6.42	6.52	6.31	6.60	6.76	6.45	6.39	6.63
17:00	5.76	5.97	6.18	5.92	5.90	5.82	5.87	6.10	5.97	6.13	5.92	6.00	6.18	6.18	6.31	6.29	6.65	7.39	6.29	6.37	6.10	6.84	6.24	6.24	6.21	6.29	6.65	6.39	6.31	6.45	6.58
18:00	6.18	6.08	5.97	5.97	5.97	6.00	5.97	6.08	5.90	5.90	6.45	6.13	6.47	6.18	6.00	7.39	6.16	6.76	6.26	6.29	6.55	6.45	6.21	6.52	6.58	6.50	7.26	6.34	6.73	6.60	6.34
19:00	5.97	6.16	5.97	5.87	6.00	6.03	5.97	6.60	5.90	5.87	6.79	5.84	6.37	6.50	6.16	6.21	6.21	7.39	6.47	6.63	6.34	6.79	6.42	6.24	6.29	6.52	6.79	6.60	7.36	6.63	6.50
20:00	5.79	6.34	6.08	6.65	6.10	5.87	6.29	6.42	5.82	5.84	6.37	6.24	6.76	6.24	6.13	5.97	6.16	8.41	6.47	6.24	6.55	6.50	6.16	6.31	6.37	6.29	6.76	6.31	6.55	6.58	6.60
21:00	5.87	6.34	6.34	6.21	5.90	6.13	6.03	6.21	5.90	5.90	6.08	5.84	6.81	6.24	5.90	6.21	6.47	7.07	6.37	6.37	6.26	6.76	6.50	6.60	6.34	6.24	6.34	6.39	6.52	6.71	7.00
22:00	5.61	5.97	6.39	6.08	6.31	6.10	6.10	6.31	5.92	6.10	6.10	6.08	6.55	5.82	6.24	6.47	6.50	6.34	6.10	7.00	6.39	6.26	6.60	6.34	6.31	6.45	6.50	6.65	6.63	7.13	6.81
23:00	5.63	6.24	6.18	6.10	6.39	6.65	6.21	6.24	5.66	5.92	6.24	6.65	7.02	6.03	6.34	6.60	6.71	6.08	6.39	6.76	7.52	6.42	6.52	6.34	6.26	6.18	6.86	6.50	6.89	7.15	7.15
Promedio de SO_2 en 24 h	**6.5**	**6.1**	**6.1**	**6.1**	**7.0**	**6.1**	**6.1**	**6.1**	**6.4**	**6.0**	**6.1**	**6.2**	**6.7**	**6.3**	**6.2**	**6.2**	**6.4**	**6.8**	**6.4**	**6.6**	**6.5**	**6.7**	**6.4**	**6.4**	**6.5**	**6.5**	**7.4**	**6.7**	**6.6**	**6.7**	**6.6**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																														

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en mayo de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** No aplica

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	6.19	5.69	6.05	6.17	6.09	6.27	6.40	6.14	6.19	5.81	5.95	6.12	6.33	6.64	5.96	6.22	6.46	6.48	6.20	6.44	6.75	6.86	6.26	6.48	6.35	6.35	6.34	6.64	6.54	6.78
01:00	6.15	5.62	5.98	6.10	6.08	6.14	6.40	6.10	6.12	5.81	5.95	6.02	6.35	6.53	6.04	6.20	6.31	6.43	6.17	6.79	6.59	7.00	6.30	6.36	6.33	6.43	6.29	6.64	6.52	6.77
02:00	5.98	5.66	5.85	6.08	6.03	6.02	6.30	6.06	6.01	5.92	5.90	5.97	6.16	6.25	6.04	6.11	6.21	6.29	6.23	6.97	6.50	6.69	6.27	6.26	6.22	6.59	6.35	6.46	6.52	6.71
03:00	6.00	5.69	5.77	6.14	6.14	6.02	6.20	6.02	6.00	5.84	5.94	5.99	6.14	6.19	6.03	6.17	6.11	6.34	6.21	6.82	6.52	6.58	6.38	6.24	6.18	6.65	6.37	6.47	6.53	6.78
04:00	6.04	5.78	5.89	6.06	6.32	6.04	6.25	6.07	6.01	5.75	5.99	6.09	6.24	6.20	6.06	6.12	6.10	6.31	6.29	6.55	6.52	6.39	6.29	6.23	6.23	6.66	6.51	6.55	6.53	6.80
05:00	6.13	5.81	6.01	5.96	6.85	6.09	6.28	6.03	6.09	5.77	6.14	6.36	6.41	6.17	6.10	6.11	6.15	6.31	6.27	6.31	6.51	6.52	6.16	6.30	6.40	6.66	6.82	6.94	6.61	6.84
06:00	6.24	5.78	6.26	5.98	9.30	6.21	6.32	6.18	6.21	5.89	6.21	6.62	6.82	6.18	6.23	6.11	6.32	6.33	6.29	6.26	6.49	6.83	6.15	6.25	6.58	6.81	8.10	7.29	6.80	6.73
07:00	6.44	5.85	6.59	6.17	11.70	6.33	6.32	6.30	6.18	6.12	6.20	6.98	7.06	6.26	6.49	6.11	6.50	6.45	6.44	6.36	6.59	7.27	6.17	6.26	6.76	6.82	11.76	7.41	6.98	6.85
08:00	6.51	5.95	6.66	6.40	12.42	6.37	6.28	6.44	6.11	6.10	6.18	6.85	7.38	6.40	6.50	6.05	6.53	6.55	6.64	6.45	6.73	7.28	6.37	6.18	6.90	6.79	11.99	7.12	6.80	6.79
09:00	6.64	6.08	6.67	6.63	10.17	6.23	6.25	ID	5.99	6.14	6.16	6.61	7.70	6.53	6.40	6.01	6.57	6.51	6.87	6.45	6.90	7.13	6.36	6.32	6.88	6.63	10.94	6.81	6.55	6.70
10:00	8.27	6.47	6.40	6.61	7.65	6.18	6.16	ID	7.58	6.06	6.23	6.33	7.70	6.53	6.08	6.00	6.58	6.45	6.84	6.50	6.82	6.81	6.59	6.33	6.78	6.63	7.70	6.76	6.46	6.53
11:00	9.21	6.70	6.29	6.46	6.43	6.13	6.01	ID	8.55	6.09	6.24	6.28	7.36	6.48	6.02	6.21	6.48	6.41	6.85	6.76	6.78	6.72	6.64	6.68	6.65	6.67	7.35	6.98	6.57	6.51
12:00	9.32	6.79	6.20	6.19	6.18	6.03	5.94	5.95	9.55	6.07	6.19	6.38	6.73	6.41	6.05	6.45	6.35	6.62	6.77	6.86	6.55	6.66	6.61	6.67	6.58	6.72	7.20	6.92	6.61	6.54
13:00	7.47	6.63	6.09	6.03	6.09	5.92	5.94	5.93	7.98	5.98	6.04	6.30	6.46	6.37	6.12	6.55	6.29	6.65	6.63	6.81	6.52	6.63	6.48	6.77	6.48	6.75	6.75	6.70	6.38	6.63
14:00	6.43	6.45	6.03	5.98	6.10	5.90	5.91	5.83	7.05	5.89	5.97	6.17	6.34	6.33	6.14	6.46	6.28	6.62	6.48	6.52	6.33	6.53	6.38	6.46	6.45	6.69	6.60	6.53	6.35	6.65
15:00	6.06	6.31	5.85	5.95	6.03	5.95	5.86	5.86	5.97	5.88	6.01	6.01	6.34	6.25	6.11	6.18	6.32	6.38	6.36	6.51	6.30	6.43	6.43	6.51	6.37	6.49	6.52	6.62	6.39	6.62
16:00	5.97	6.16	5.77	6.00	6.12	5.97	5.79	5.88	5.92	5.96	6.03	6.06	6.27	6.11	6.08	6.06	6.32	7.47	6.38	6.43	6.21	6.41	6.35	6.46	6.42	6.37	6.51	6.77	6.49	6.50
17:00	5.86	6.07	5.86	6.00	6.06	5.88	5.81	6.01	5.89	6.07	6.00	6.07	6.27	6.09	6.15	6.08	6.45	7.80	6.34	6.41	6.18	6.54	6.32	6.43	6.34	6.25	6.56	6.65	6.44	6.43
18:00	5.94	6.06	5.95	6.00	6.04	5.91	5.86	6.03	5.94	6.04	6.13	6.12	6.26	6.11	6.12	6.55	6.39	7.97	6.35	6.33	6.29	6.58	6.24	6.39	6.44	6.37	6.84	6.50	6.50	6.48
19:00	5.97	6.07	6.04	5.92	5.96	5.95	5.94	6.26	5.92	5.97	6.39	5.99	6.34	6.29	6.16	6.63	6.34	7.18	6.34	6.43	6.33	6.69	6.29	6.33	6.36	6.44	6.90	6.44	6.80	6.56
20:00	5.98	6.19	6.01	6.16	6.02	5.97	6.08	6.37	5.87	5.87	6.54	6.07	6.53	6.31	6.10	6.52	6.18	7.52	6.40	6.39	6.48	6.58	6.26	6.36	6.41	6.44	6.94	6.42	6.88	6.60
21:00	5.88	6.28	6.13	6.24	6.00	6.01	6.10	6.41	5.87	5.87	6.41	5.97	6.65	6.33	6.06	6.13	6.28	7.62	6.44	6.41	6.38	6.68	6.36	6.38	6.33	6.35	6.63	6.43	6.81	6.64
22:00	5.76	6.22	6.27	6.31	6.10	6.03	6.14	6.31	5.88	5.95	6.18	6.05	6.71	6.10	6.09	6.22	6.38	7.27	6.31	6.54	6.40	6.51	6.42	6.42	6.34	6.33	6.53	6.45	6.57	6.81
23:00	5.70	6.18	6.30	6.13	6.20	6.29	6.11	6.25	5.83	5.97	6.14	6.19	6.79	6.03	6.16	6.43	6.56	6.50	6.29	6.71	6.72	6.48	6.54	6.43	6.30	6.29	6.57	6.51	6.68	7.00

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en mayo de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/05/2021 00:00	490.7	0.0	8.0	77.4	1.4	286.3
	1/05/2021 01:00	490.4	0.0	7.2	75.7	1.0	346.4
	1/05/2021 02:00	490.2	0.0	6.2	79.5	1.1	295.0
	1/05/2021 03:00	490.1	0.0	5.6	80.9	0.9	288.3
	1/05/2021 04:00	490.2	0.0	4.9	82.1	1.3	283.6
	1/05/2021 05:00	490.5	0.0	4.4	82.9	0.9	277.9
	1/05/2021 06:00	490.8	0.0	4.0	83.6	1.2	286.4
	1/05/2021 07:00	491.1	0.0	4.2	83.0	1.1	286.3
	1/05/2021 08:00	491.4	0.0	7.3	71.6	0.5	173.9
	1/05/2021 09:00	491.4	0.0	9.0	66.7	0.8	136.3
	1/05/2021 10:00	491.1	0.0	10.3	61.5	0.4	89.2
	1/05/2021 11:00	490.7	0.0	12.9	51.7	1.4	155.4
1	1/05/2021 12:00	490.4	0.0	12.1	50.3	2.3	155.6
	1/05/2021 13:00	489.9	0.0	13.0	47.4	0.9	263.0
	1/05/2021 14:00	489.4	0.0	14.9	40.1	2.5	76.4
	1/05/2021 15:00	489.2	0.0	13.6	43.8	3.4	116.7
	1/05/2021 16:00	489.3	0.0	12.3	48.1	2.2	101.4
	1/05/2021 17:00	489.6	0.0	10.6	62.0	2.0	68.2
	1/05/2021 18:00	490.3	0.0	8.8	69.0	2.2	24.0
	1/05/2021 19:00	490.7	0.0	8.2	68.4	1.1	40.9
	1/05/2021 20:00	491.0	0.0	7.6	69.9	1.3	22.0
	1/05/2021 21:00	491.2	0.0	6.8	72.0	0.9	343.6
	1/05/2021 22:00	491.2	0.0	5.9	73.6	1.1	333.8
	1/05/2021 23:00	491.2	0.0	5.1	72.9	1.3	337.0
	2/05/2021 00:00	491.1	0.0	4.0	78.8	1.3	293.5
	2/05/2021 01:00	490.9	0.0	3.1	79.8	1.2	285.3
	2/05/2021 02:00	490.8	0.0	2.6	81.1	1.2	290.5
	2/05/2021 03:00	490.8	0.0	2.0	81.6	0.7	282.0
	2/05/2021 04:00	490.8	0.0	1.7	81.9	0.9	283.7
	2/05/2021 05:00	491.0	0.0	1.0	83.7	1.3	284.0
	2/05/2021 06:00	491.6	0.0	0.6	83.6	1.0	281.5
	2/05/2021 07:00	492.0	0.0	1.1	82.2	0.4	333.1
	2/05/2021 08:00	492.1	0.0	3.9	71.5	0.9	78.1
	2/05/2021 09:00	492.0	0.0	7.4	62.1	0.7	157.5
	2/05/2021 10:00	491.6	0.0	10.8	47.7	1.1	157.1
2	2/05/2021 11:00	491.1	0.0	13.5	36.3	1.6	224.4
	2/05/2021 12:00	490.4	0.0	15.4	29.5	1.4	154.7
	2/05/2021 13:00	489.8	0.0	15.9	30.3	1.3	82.0
	2/05/2021 14:00	489.4	0.0	15.8	33.4	2.3	45.9
	2/05/2021 15:00	489.2	0.0	15.7	36.1	2.5	62.6
	2/05/2021 16:00	489.3	0.0	13.8	40.5	2.4	76.7
	2/05/2021 17:00	489.5	0.0	12.0	45.5	2.2	62.1
	2/05/2021 18:00	489.8	0.0	10.5	50.0	1.9	86.2
	2/05/2021 19:00	490.1	0.0	9.7	54.2	1.7	32.0
	2/05/2021 20:00	490.5	0.0	8.6	60.4	1.8	336.6
	2/05/2021 21:00	490.8	0.0	7.5	64.8	1.5	336.1
	2/05/2021 22:00	491.0	0.0	6.3	73.3	0.9	282.9
	2/05/2021 23:00	491.1	0.0	5.5	76.0	1.1	291.7
	3/05/2021 00:00	491.1	0.0	4.7	77.8	1.2	283.6
	3/05/2021 01:00	490.8	0.0	4.2	78.4	0.7	298.3
	3/05/2021 02:00	490.7	0.0	3.6	79.5	0.9	286.7
	3/05/2021 03:00	490.7	0.0	3.2	80.4	0.9	293.3
	3/05/2021 04:00	490.8	0.0	2.7	81.7	1.4	289.3
	3/05/2021 05:00	491.0	0.0	2.4	82.1	1.1	300.0
	3/05/2021 06:00	491.4	0.0	2.1	83.2	1.1	290.4
	3/05/2021 07:00	491.6	0.0	2.9	80.3	0.3	189.7
	3/05/2021 08:00	491.6	0.0	6.3	66.2	0.6	124.5
	3/05/2021 09:00	491.4	0.0	9.5	57.0	0.8	144.8
	3/05/2021 10:00	491.0	0.0	12.6	49.9	0.9	143.2
3	3/05/2021 11:00	490.3	0.0	14.7	44.5	1.7	144.6
	3/05/2021 12:00	489.6	0.0	16.4	38.6	1.4	182.6
	3/05/2021 13:00	488.9	0.0	17.2	36.2	0.9	216.6
	3/05/2021 14:00	488.5	0.0	17.0	42.2	2.1	79.2
	3/05/2021 15:00	488.4	0.0	15.8	47.0	2.6	67.4
	3/05/2021 16:00	488.6	0.0	13.3	56.0	2.4	68.8
	3/05/2021 17:00	488.9	0.0	11.6	61.1	2.1	70.5
	3/05/2021 18:00	489.4	0.0	10.0	67.2	2.1	102.9
	3/05/2021 19:00	490.0	0.0	9.1	70.1	2.1	86.7

	3/05/2021 20:00	490.6	0.0	9.0	69.7	1.2	27.2
	3/05/2021 21:00	490.9	0.0	8.6	71.2	0.5	332.8
	3/05/2021 22:00	491.2	0.0	8.1	73.3	1.3	282.6
	3/05/2021 23:00	491.2	0.0	8.3	72.5	0.5	304.7
	4/05/2021 00:00	491.0	0.0	8.5	72.0	0.2	294.3
	4/05/2021 01:00	490.8	0.0	8.7	70.7	1.0	16.8
	4/05/2021 02:00	490.5	0.0	8.7	70.2	1.1	4.7
	4/05/2021 03:00	490.4	0.0	7.9	74.9	0.8	266.6
	4/05/2021 04:00	490.5	0.0	7.4	75.6	0.8	312.6
	4/05/2021 05:00	490.7	0.0	6.8	74.3	1.7	11.2
	4/05/2021 06:00	491.2	0.0	6.9	76.4	1.5	30.0
	4/05/2021 07:00	491.7	0.0	6.8	77.2	0.9	289.4
	4/05/2021 08:00	492.1	0.0	7.9	74.4	1.0	275.3
	4/05/2021 09:00	492.2	0.0	9.3	69.7	0.5	180.3
	4/05/2021 10:00	492.0	0.0	10.9	64.3	0.7	158.5
4	4/05/2021 11:00	491.5	0.0	12.2	58.2	1.4	148.7
	4/05/2021 12:00	490.8	0.0	14.2	46.0	2.0	140.2
	4/05/2021 13:00	490.3	0.0	14.5	40.7	3.1	145.0
	4/05/2021 14:00	489.9	0.0	14.5	42.4	1.8	71.8
	4/05/2021 15:00	489.5	0.0	14.7	43.4	1.8	126.0
	4/05/2021 16:00	489.4	0.0	13.9	48.7	1.7	90.6
	4/05/2021 17:00	489.8	0.0	12.7	53.9	1.4	75.6
	4/05/2021 18:00	490.2	0.0	11.2	57.3	2.1	21.6
	4/05/2021 19:00	490.8	0.0	10.3	62.3	0.9	31.7
	4/05/2021 20:00	491.2	0.0	9.6	70.2	0.8	18.1
	4/05/2021 21:00	491.6	0.0	9.4	71.4	1.1	95.7
	4/05/2021 22:00	491.7	0.0	9.2	72.2	0.8	12.1
	4/05/2021 23:00	491.6	0.0	8.3	73.6	1.0	343.1
	5/05/2021 00:00	491.5	0.0	7.0	76.6	1.1	327.2
	5/05/2021 01:00	491.4	0.0	5.9	79.8	0.8	283.1
	5/05/2021 02:00	491.2	0.0	4.9	80.8	1.2	280.1
	5/05/2021 03:00	491.1	0.0	4.2	82.1	1.1	288.1
	5/05/2021 04:00	491.1	0.0	3.6	83.3	1.3	290.5
	5/05/2021 05:00	491.2	0.0	3.6	82.9	1.2	288.4
	5/05/2021 06:00	491.5	0.0	3.2	83.4	1.9	277.8
	5/05/2021 07:00	492.1	0.0	3.8	82.2	1.2	281.0
	5/05/2021 08:00	492.4	0.0	6.0	75.8	0.7	239.4
	5/05/2021 09:00	492.2	0.0	9.2	66.5	0.7	197.0
	5/05/2021 10:00	491.9	0.0	12.3	57.8	0.9	245.1
5	5/05/2021 11:00	491.3	0.0	14.4	48.4	1.0	146.8
	5/05/2021 12:00	490.6	0.0	15.7	40.6	1.1	136.3
	5/05/2021 13:00	490.1	0.0	16.6	35.1	2.8	62.7
	5/05/2021 14:00	490.0	0.0	14.3	45.9	2.4	357.3
	5/05/2021 15:00	489.6	0.0	14.2	47.3	2.8	292.4
	5/05/2021 16:00	489.4	0.0	14.4	47.8	1.5	95.0
	5/05/2021 17:00	489.7	0.0	12.6	54.0	2.4	61.7
	5/05/2021 18:00	490.5	0.0	10.8	60.4	1.9	66.3
	5/05/2021 19:00	490.9	0.0	9.6	65.9	2.8	65.4
	5/05/2021 20:00	491.4	0.0	9.1	67.0	1.8	20.8
	5/05/2021 21:00	491.6	0.0	7.9	71.1	1.5	354.0
	5/05/2021 22:00	491.8	0.0	7.0	74.0	1.1	310.3
	5/05/2021 23:00	491.7	0.0	6.0	77.4	1.2	288.7
	6/05/2021 00:00	491.5	0.0	5.2	79.0	1.3	268.8
	6/05/2021 01:00	491.3	0.0	5.1	79.0	1.3	276.8
	6/05/2021 02:00	491.2	0.0	5.4	77.9	0.7	285.0
	6/05/2021 03:00	491.0	0.0	5.6	77.7	0.4	295.8
	6/05/2021 04:00	490.7	0.0	5.4	78.4	0.8	350.0
	6/05/2021 05:00	490.9	0.0	5.1	79.6	1.8	267.7
	6/05/2021 06:00	491.3	0.0	5.3	78.8	0.7	267.0
	6/05/2021 07:00	491.4	0.0	6.1	77.2	1.0	283.8
	6/05/2021 08:00	491.7	0.0	7.8	72.1	0.8	267.0
	6/05/2021 09:00	491.8	0.0	9.3	66.4	0.5	127.0
	6/05/2021 10:00	491.5	0.0	10.9	62.7	0.5	11.5
6	6/05/2021 11:00	491.0	0.0	12.4	58.9	1.3	86.5
	6/05/2021 12:00	490.6	0.0	13.0	57.8	2.8	100.8
	6/05/2021 13:00	490.0	0.0	14.0	52.3	1.8	99.3
	6/05/2021 14:00	489.4	0.0	14.7	49.6	2.0	58.6
	6/05/2021 15:00	489.1	0.0	14.6	52.1	2.6	81.4
	6/05/2021 16:00	489.2	0.0	12.7	55.9	2.2	79.7
	6/05/2021 17:00	489.7	0.0	11.2	64.2	2.2	50.8
	6/05/2021 18:00	490.2	0.0	10.2	68.0	1.7	70.2
	6/05/2021 19:00	490.9	0.0	9.7	68.8	1.1	69.8
	6/05/2021 20:00	491.4	0.0	9.5	69.4	1.1	41.4
	6/05/2021 21:00	491.6	0.0	9.5	70.4	0.7	13.6
	6/05/2021 22:00	491.6	0.0	9.4	72.6	0.4	354.1
	6/05/2021 23:00	491.4	0.0	9.2	74.1	1.0	292.1
	7/05/2021 00:00	491.1	0.0	9.1	75.0	0.6	310.7
	7/05/2021 01:00	490.8	0.0	9.0	74.4	0.8	323.2
	7/05/2021 02:00	490.5	0.0	8.7	76.4	0.7	285.0
	7/05/2021 03:00	490.2	0.0	8.8	71.5	1.1	49.1
	7/05/2021 04:00	490.3	0.0	8.1	75.2	1.3	265.2
	7/05/2021 05:00	490.4	0.0	7.6	78.0	1.6	288.0
	7/05/2021 06:00	490.8	0.0	7.4	76.2	1.2	67.6
	7/05/2021 07:00	491.2	0.0	8.6	70.2	0.9	342.4
	7/05/2021 08:00	491.4	0.0	9.3	68.6	2.0	280.4
	7/05/2021 09:00	491.4	0.0	11.3	59.7	1.0	340.4
	7/05/2021 10:00	491.3	0.0	12.1	58.0	2.2	107.2
7	7/05/2021 11:00	491.0	0.0	11.9	58.3	2.2	73.1
	7/05/2021 12:00	490.4	0.0	13.5	51.4	2.3	56.5
	7/05/2021 13:00	490.0	0.0	14.2	47.5	2.4	99.5
	7/05/2021 14:00	489.4	0.0	14.5	47.2	2.7	105.3
	7/05/2021 15:00	489.0	0.0	14.7	47.9	2.1	84.4
	7/05/2021 16:00	489.1	0.0	12.3	58.1	2.9	53.7
	7/05/2021 17:00	489.5	0.0	10.6	66.4	2.3	59.0
	7/05/2021 18:00	490.1	0.0	9.6	70.7	2.2	25.3

	7/05/2021 19:00	490.6	0.0	9.6	70.5	0.7	43.1
	7/05/2021 20:00	491.1	0.0	9.6	69.3	0.5	19.8
	7/05/2021 21:00	491.4	0.0	9.5	69.6	1.2	282.5
	7/05/2021 22:00	491.4	0.0	9.1	71.9	1.7	280.7
	7/05/2021 23:00	491.4	0.0	8.4	74.0	1.6	277.5
	8/05/2021 00:00	491.2	0.0	7.8	75.7	1.2	283.5
	8/05/2021 01:00	490.9	0.0	7.2	77.3	0.8	281.8
	8/05/2021 02:00	490.7	0.0	6.7	78.6	1.0	284.2
	8/05/2021 03:00	490.6	0.0	6.3	78.9	1.2	269.7
	8/05/2021 04:00	490.7	0.0	6.3	79.2	0.8	277.2
	8/05/2021 05:00	490.9	0.0	6.2	80.9	1.4	276.8
	8/05/2021 06:00	491.2	0.0	6.3	80.5	0.8	277.9
	8/05/2021 07:00	491.6	0.0	7.0	78.8	0.6	273.8
	8/05/2021 08:00	491.9	0.0	8.2	75.0	0.7	273.1
	8/05/2021 09:00	492.0	0.0	9.3	70.4	0.5	159.5
	8/05/2021 10:00	491.9	0.0	9.5	73.2	1.0	210.0
8	8/05/2021 11:00	491.5	0.0	10.5	70.6	1.4	205.2
	8/05/2021 12:00	490.9	0.0	11.9	61.7	1.5	67.2
	8/05/2021 13:00	490.4	0.0	12.2	59.3	2.7	39.7
	8/05/2021 14:00	490.0	0.0	13.0	55.3	2.4	24.8
	8/05/2021 15:00	489.7	0.0	13.4	49.1	1.8	17.7
	8/05/2021 16:00	489.7	0.0	12.0	57.1	2.0	36.6
	8/05/2021 17:00	490.0	0.0	10.4	67.3	2.1	43.9
	8/05/2021 18:00	490.6	0.0	9.2	71.2	1.4	70.3
	8/05/2021 19:00	491.1	0.0	8.9	70.6	1.6	69.3
	8/05/2021 20:00	491.4	0.0	7.7	74.2	1.2	281.0
	8/05/2021 21:00	491.7	0.0	6.9	76.2	1.3	273.2
	8/05/2021 22:00	491.7	0.0	6.7	77.3	1.4	266.9
	8/05/2021 23:00	491.6	0.0	6.8	76.8	1.0	275.3
	9/05/2021 00:00	491.4	0.0	6.7	77.4	1.0	282.3
	9/05/2021 01:00	491.1	0.0	5.6	79.0	1.4	285.9
	9/05/2021 02:00	490.9	0.0	4.5	80.1	0.8	283.1
	9/05/2021 03:00	490.8	0.0	3.8	81.1	1.0	275.7
	9/05/2021 04:00	490.9	0.0	3.0	81.1	1.0	274.9
	9/05/2021 05:00	491.1	0.0	2.8	81.1	1.0	292.9
	9/05/2021 06:00	491.5	0.0	3.2	80.5	1.0	293.2
	9/05/2021 07:00	491.9	0.0	4.0	78.5	0.6	291.9
	9/05/2021 08:00	492.1	0.0	5.8	73.1	0.7	276.8
	9/05/2021 09:00	492.1	0.0	7.9	64.6	1.1	163.6
	9/05/2021 10:00	491.9	0.0	10.2	55.4	1.3	150.0
9	9/05/2021 11:00	491.4	0.0	11.9	51.1	1.6	173.7
	9/05/2021 12:00	490.9	0.0	13.2	42.0	3.3	145.0
	9/05/2021 13:00	490.3	0.0	14.1	38.8	2.7	128.0
	9/05/2021 14:00	489.8	0.0	14.3	43.4	2.6	69.0
	9/05/2021 15:00	489.6	0.0	13.7	45.2	2.5	61.9
	9/05/2021 16:00	489.7	0.0	11.9	52.8	2.0	52.0
	9/05/2021 17:00	490.1	0.0	9.9	63.5	2.8	45.1
	9/05/2021 18:00	490.6	0.0	8.9	66.7	2.0	46.0
	9/05/2021 19:00	491.1	0.0	8.4	68.5	1.4	54.2
	9/05/2021 20:00	491.6	0.0	8.0	69.8	1.0	58.0
	9/05/2021 21:00	491.8	0.0	7.4	68.7	0.9	68.3
	9/05/2021 22:00	491.9	0.0	6.9	69.9	1.0	43.6
	9/05/2021 23:00	491.8	0.0	6.4	70.1	1.2	355.1
	10/05/2021 00:00	491.6	0.0	5.3	71.0	2.1	18.7
	10/05/2021 01:00	491.3	0.0	5.5	71.7	0.7	354.1
	10/05/2021 02:00	491.0	0.0	5.3	73.7	0.8	142.7
	10/05/2021 03:00	490.9	0.0	4.7	75.5	1.2	124.3
	10/05/2021 04:00	490.9	0.0	3.9	77.8	1.0	105.8
	10/05/2021 05:00	491.0	0.0	3.2	78.9	0.8	117.1
	10/05/2021 06:00	491.4	0.0	2.8	76.7	0.6	46.5
	10/05/2021 07:00	491.9	0.0	2.9	78.9	0.6	179.4
	10/05/2021 08:00	492.0	0.0	5.7	69.5	0.7	139.3
	10/05/2021 09:00	491.9	0.0	8.8	59.3	0.8	152.3
	10/05/2021 10:00	491.3	0.0	11.5	47.5	1.2	140.5
10	10/05/2021 11:00	490.9	0.0	14.2	34.5	1.9	73.6
	10/05/2021 12:00	490.4	0.0	14.4	37.1	2.8	101.0
	10/05/2021 13:00	490.0	0.0	14.5	41.7	2.8	126.3
	10/05/2021 14:00	489.6	0.0	14.5	44.8	2.6	95.7
	10/05/2021 15:00	489.4	0.0	13.6	48.1	2.4	101.1
	10/05/2021 16:00	489.6	0.0	11.8	54.3	2.3	52.3
	10/05/2021 17:00	490.0	0.0	10.4	61.8	2.1	76.6
	10/05/2021 18:00	490.4	0.0	9.2	66.3	1.6	63.9
	10/05/2021 19:00	491.0	0.0	8.8	67.5	1.0	56.2
	10/05/2021 20:00	491.3	0.0	8.5	68.6	1.0	52.9
	10/05/2021 21:00	491.6	0.0	8.3	68.5	1.8	66.2
	10/05/2021 22:00	491.6	0.0	8.2	68.3	1.3	77.3
	10/05/2021 23:00	491.5	0.0	7.4	69.8	2.0	24.7
	11/05/2021 00:00	491.5	0.0	6.3	71.3	1.8	25.7
	11/05/2021 01:00	491.2	0.0	5.3	72.5	2.2	21.3
	11/05/2021 02:00	491.0	0.0	4.7	75.2	0.9	341.0
	11/05/2021 03:00	490.9	0.0	3.8	78.7	1.2	298.2
	11/05/2021 04:00	490.9	0.0	3.2	78.7	1.4	299.2
	11/05/2021 05:00	491.1	0.0	3.2	79.1	1.3	278.9
	11/05/2021 06:00	491.4	0.0	3.2	78.7	1.5	275.6
	11/05/2021 07:00	491.9	0.0	3.9	77.9	1.3	273.5
	11/05/2021 08:00	492.1	0.0	5.8	73.6	0.6	291.2
	11/05/2021 09:00	492.0	0.0	7.7	66.8	0.6	88.9
	11/05/2021 10:00	491.5	0.0	10.5	55.7	0.9	144.2
11	11/05/2021 11:00	490.8	0.0	13.3	41.0	2.2	136.5
	11/05/2021 12:00	490.3	0.0	14.1	39.6	3.3	153.0
	11/05/2021 13:00	489.6	0.0	15.5	37.3	2.2	47.5
	11/05/2021 14:00	489.2	0.0	15.3	38.0	2.6	66.8
	11/05/2021 15:00	489.1	0.0	13.9	44.5	3.1	32.9
	11/05/2021 16:00	489.1	0.0	12.1	48.0	2.5	40.8
	11/05/2021 17:00	489.4	0.0	10.7	54.6	2.0	35.0

11/05/2021 18:00	489.6	0.0	9.7	57.2	1.0	4.4
11/05/2021 19:00	490.1	0.0	8.9	65.3	0.8	335.1
11/05/2021 20:00	490.6	0.0	7.4	70.2	2.4	7.3
11/05/2021 21:00	490.7	0.0	6.6	73.4	1.5	321.4
11/05/2021 22:00	491.0	0.0	5.6	77.1	1.4	285.9
11/05/2021 23:00	491.1	0.0	4.7	79.3	1.0	282.7
12/05/2021 00:00	491.2	0.0	4.0	81.7	1.2	286.2
12/05/2021 01:00	491.3	0.0	3.5	83.4	1.4	282.0
12/05/2021 02:00	491.0	0.0	3.7	82.6	0.9	292.1
12/05/2021 03:00	490.8	0.0	3.6	82.1	0.7	299.7
12/05/2021 04:00	490.7	0.0	3.5	78.7	1.1	344.5
12/05/2021 05:00	490.9	0.0	2.8	84.0	0.9	290.6
12/05/2021 06:00	491.2	0.0	2.5	84.4	0.8	293.6
12/05/2021 07:00	491.5	0.0	2.7	82.3	0.4	177.4
12/05/2021 08:00	491.6	0.0	5.1	73.1	0.7	100.1
12/05/2021 09:00	491.5	0.0	8.1	63.7	0.6	104.9
12/05/2021 10:00	491.3	0.0	10.5	56.8	1.0	170.9
12/05/2021 11:00	490.8	0.0	12.4	52.0	1.6	287.9
12/05/2021 12:00	490.3	0.0	13.5	49.2	1.4	12.6
12/05/2021 13:00	490.0	0.0	13.4	51.8	2.8	83.2
12/05/2021 14:00	489.6	0.0	13.9	52.6	2.4	70.8
12/05/2021 15:00	489.3	0.0	13.9	52.1	2.2	77.3
12/05/2021 16:00	489.3	0.0	12.5	56.7	1.9	36.8
12/05/2021 17:00	489.5	0.0	11.3	61.4	1.8	35.4
12/05/2021 18:00	489.9	0.0	10.0	68.6	1.5	36.2
12/05/2021 19:00	490.3	0.0	9.2	72.6	1.1	16.3
12/05/2021 20:00	490.9	0.0	9.2	73.1	1.0	338.6
12/05/2021 21:00	491.2	0.0	8.9	73.5	0.8	0.4
12/05/2021 22:00	491.4	0.0	8.6	73.2	1.5	311.9
12/05/2021 23:00	491.3	0.0	8.4	74.7	1.1	273.0
13/05/2021 00:00	491.0	0.0	7.9	77.9	1.1	281.1
13/05/2021 01:00	490.7	0.0	7.2	81.7	1.0	283.1
13/05/2021 02:00	490.5	0.0	7.0	83.6	0.8	286.7
13/05/2021 03:00	490.3	0.3	6.8	86.0	0.6	280.0
13/05/2021 04:00	490.3	0.6	6.7	86.2	1.1	281.1
13/05/2021 05:00	490.5	0.6	6.5	88.2	0.3	286.0
13/05/2021 06:00	490.7	0.0	6.6	87.4	0.3	285.1
13/05/2021 07:00	491.1	0.0	7.2	82.2	0.1	97.2
13/05/2021 08:00	491.4	0.0	8.2	77.7	0.6	285.4
13/05/2021 09:00	491.4	0.0	9.4	71.0	0.5	155.0
13/05/2021 10:00	491.3	0.3	10.0	69.3	0.6	208.1
13/05/2021 11:00	491.0	0.3	10.6	67.5	1.3	285.2
13/05/2021 12:00	490.5	0.0	11.7	63.0	2.4	295.1
13/05/2021 13:00	489.9	0.0	12.2	63.9	2.3	280.9
13/05/2021 14:00	489.8	0.9	10.9	70.5	1.9	64.5
13/05/2021 15:00	489.4	0.0	11.8	67.2	1.4	129.7
13/05/2021 16:00	489.4	0.0	11.9	69.0	1.9	49.7
13/05/2021 17:00	489.6	0.0	10.7	74.0	2.0	88.1
13/05/2021 18:00	490.0	0.0	10.0	74.8	1.6	87.0
13/05/2021 19:00	490.4	0.0	9.5	76.1	0.9	73.9
13/05/2021 20:00	490.7	0.0	8.8	78.5	0.9	328.9
13/05/2021 21:00	490.8	0.0	8.5	79.0	1.0	289.0
13/05/2021 22:00	491.0	0.0	8.3	79.8	0.4	301.9
13/05/2021 23:00	491.0	0.0	8.4	78.6	0.7	282.2
14/05/2021 00:00	490.9	0.0	7.9	78.5	1.0	283.8
14/05/2021 01:00	490.7	0.0	7.6	78.8	0.7	274.7
14/05/2021 02:00	490.5	0.0	7.4	78.8	1.0	282.7
14/05/2021 03:00	490.3	0.0	7.3	79.7	0.3	248.2
14/05/2021 04:00	490.3	0.0	7.1	79.8	0.4	42.1
14/05/2021 05:00	490.4	0.0	7.1	79.7	1.1	19.6
14/05/2021 06:00	490.7	0.0	7.0	80.8	0.7	107.9
14/05/2021 07:00	491.1	0.0	7.2	80.3	0.6	148.2
14/05/2021 08:00	491.4	0.0	8.3	75.9	0.2	194.0
14/05/2021 09:00	491.5	0.0	9.6	71.1	0.6	153.6
14/05/2021 10:00	491.3	0.0	11.0	62.7	0.4	197.7
14/05/2021 11:00	490.9	0.0	12.6	56.0	0.9	281.0
14/05/2021 12:00	490.4	0.0	14.0	51.7	0.8	303.6
14/05/2021 13:00	489.7	0.0	14.9	50.7	2.2	78.1
14/05/2021 14:00	489.1	0.0	14.8	50.7	1.5	69.8
14/05/2021 15:00	488.8	0.0	14.7	52.8	2.3	47.3
14/05/2021 16:00	488.7	0.0	13.6	58.3	2.5	60.9
14/05/2021 17:00	489.2	0.0	11.5	66.7	2.7	73.2
14/05/2021 18:00	489.7	0.0	10.6	71.1	1.7	72.9
14/05/2021 19:00	490.4	2.9	9.9	74.6	1.6	109.6
14/05/2021 20:00	491.1	1.5	9.1	68.0	1.7	76.7
14/05/2021 21:00	491.1	0.0	8.0	71.2	0.9	316.8
14/05/2021 22:00	491.4	0.0	7.2	72.8	1.1	29.8
14/05/2021 23:00	491.4	0.0	6.7	73.8	1.1	22.5
15/05/2021 00:00	491.3	0.0	6.7	76.0	0.6	69.7
15/05/2021 01:00	491.0	0.0	6.4	77.7	0.8	121.5
15/05/2021 02:00	490.7	0.0	5.8	79.3	0.9	53.1
15/05/2021 03:00	490.7	0.0	5.1	82.2	0.8	125.6
15/05/2021 04:00	490.8	0.0	4.8	82.7	0.9	137.0
15/05/2021 05:00	490.8	0.0	4.4	84.3	0.8	122.5
15/05/2021 06:00	491.2	0.0	3.9	86.2	0.8	137.2
15/05/2021 07:00	491.6	0.0	3.8	86.8	0.2	292.8
15/05/2021 08:00	492.0	0.0	6.6	75.6	0.6	50.5
15/05/2021 09:00	491.8	0.0	9.5	61.6	0.8	144.2
15/05/2021 10:00	491.4	0.0	11.7	54.7	1.1	121.9
15/05/2021 11:00	490.8	0.0	13.7	42.2	1.5	140.0
15/05/2021 12:00	490.1	0.0	15.5	36.9	1.5	146.5
15/05/2021 13:00	489.4	0.0	16.5	35.8	1.3	68.7
15/05/2021 14:00	488.9	0.0	16.3	42.4	2.9	52.1
15/05/2021 15:00	489.0	0.0	13.9	50.2	3.2	75.8
15/05/2021 16:00	489.3	0.0	11.7	61.4	2.1	69.5

15/05/2021 17:00	490.0	0.0	10.8	64.2	1.8	54.4
15/05/2021 18:00	490.7	0.0	9.5	69.4	1.5	257.4
15/05/2021 19:00	491.7	2.0	6.4	80.5	1.9	255.6
15/05/2021 20:00	492.1	4.6	4.7	87.7	2.2	273.8
15/05/2021 21:00	492.3	2.1	4.8	87.1	0.8	275.3
15/05/2021 22:00	492.2	0.0	4.9	86.2	0.4	315.1
15/05/2021 23:00	492.1	0.0	5.4	84.7	0.6	288.6
16/05/2021 00:00	492.1	0.0	5.3	85.3	1.0	286.4
16/05/2021 01:00	491.7	0.0	5.2	85.4	1.6	281.1
16/05/2021 02:00	491.4	0.0	5.4	80.3	1.3	327.2
16/05/2021 03:00	491.1	0.0	5.0	82.1	1.5	281.5
16/05/2021 04:00	491.1	0.0	4.9	81.7	1.4	290.4
16/05/2021 05:00	491.3	0.0	4.3	82.5	2.0	283.4
16/05/2021 06:00	491.7	0.0	3.9	82.9	1.5	307.1
16/05/2021 07:00	492.2	0.0	3.8	82.2	0.8	281.5
16/05/2021 08:00	492.6	0.0	3.9	80.6	1.6	279.6
16/05/2021 09:00	492.8	0.0	5.2	75.7	0.8	205.0
16/05/2021 10:00	492.5	0.0	7.3	70.1	1.1	141.1
16/05/2021 11:00	491.8	0.0	10.1	64.0	1.1	172.7
16/05/2021 12:00	491.0	0.0	12.7	56.2	1.4	165.4
16/05/2021 13:00	490.1	0.0	15.5	39.6	1.1	178.5
16/05/2021 14:00	489.4	0.0	15.9	37.9	0.9	355.5
16/05/2021 15:00	489.3	1.3	13.9	53.5	2.3	53.2
16/05/2021 16:00	489.3	0.0	12.9	54.7	1.4	52.7
16/05/2021 17:00	489.8	0.0	11.4	62.6	2.5	84.2
16/05/2021 18:00	490.3	0.0	9.9	64.4	1.8	66.1
16/05/2021 19:00	490.8	0.0	9.3	65.4	1.5	22.6
16/05/2021 20:00	491.4	0.0	8.0	67.9	1.4	10.7
16/05/2021 21:00	491.7	0.0	7.1	69.2	1.1	359.9
16/05/2021 22:00	491.9	0.0	6.2	74.8	0.3	322.1
16/05/2021 23:00	491.9	0.0	5.6	77.8	1.1	282.6
17/05/2021 00:00	491.7	0.0	5.1	78.8	0.6	301.9
17/05/2021 01:00	491.5	0.0	4.4	80.4	1.1	287.6
17/05/2021 02:00	491.4	0.0	3.6	81.8	1.0	290.3
17/05/2021 03:00	491.2	0.0	3.0	83.0	1.1	285.1
17/05/2021 04:00	491.1	0.0	2.3	84.1	1.1	286.2
17/05/2021 05:00	491.3	0.0	1.7	85.2	1.3	288.6
17/05/2021 06:00	491.6	0.0	1.4	85.1	1.1	284.9
17/05/2021 07:00	492.0	0.0	1.5	84.5	1.0	286.3
17/05/2021 08:00	492.3	0.0	5.0	73.2	0.4	260.8
17/05/2021 09:00	492.1	0.0	8.0	62.6	0.6	131.8
17/05/2021 10:00	491.6	0.0	11.0	55.1	1.0	117.7
17/05/2021 11:00	491.1	0.0	13.4	47.3	1.4	144.5
17/05/2021 12:00	490.4	0.0	14.7	44.0	1.6	46.2
17/05/2021 13:00	489.9	0.0	14.9	48.2	2.6	72.2
17/05/2021 14:00	489.6	0.0	13.5	54.9	2.4	47.9
17/05/2021 15:00	489.8	0.0	12.3	52.4	2.6	347.8
17/05/2021 16:00	490.0	0.0	10.7	57.5	2.9	358.6
17/05/2021 17:00	490.2	0.0	10.2	60.6	1.2	314.9
17/05/2021 18:00	490.5	0.0	9.3	64.9	2.2	56.0
17/05/2021 19:00	491.0	0.0	8.5	71.5	1.5	64.6
17/05/2021 20:00	491.6	0.0	7.8	75.0	1.2	60.7
17/05/2021 21:00	491.9	0.0	6.6	77.4	1.9	276.5
17/05/2021 22:00	492.0	0.0	6.4	78.4	1.5	275.1
17/05/2021 23:00	492.0	0.0	6.4	78.0	0.8	281.7
18/05/2021 00:00	491.8	0.0	6.5	79.0	0.7	281.2
18/05/2021 01:00	491.4	0.0	6.2	77.9	0.7	289.3
18/05/2021 02:00	491.1	0.0	5.9	80.1	0.8	281.2
18/05/2021 03:00	491.0	0.0	5.9	79.7	0.6	269.1
18/05/2021 04:00	491.1	0.0	6.0	78.9	0.2	334.4
18/05/2021 05:00	491.2	0.0	5.8	78.7	0.3	295.8
18/05/2021 06:00	491.6	0.0	5.5	78.3	0.7	301.5
18/05/2021 07:00	492.0	0.0	5.9	75.8	0.9	290.1
18/05/2021 08:00	492.2	0.0	7.5	71.0	0.5	271.4
18/05/2021 09:00	492.1	0.0	9.2	66.0	0.5	181.0
18/05/2021 10:00	491.8	0.0	10.9	57.7	0.9	152.4
18/05/2021 11:00	491.3	0.0	12.7	52.4	0.7	177.4
18/05/2021 12:00	490.8	0.0	13.2	51.9	1.7	31.8
18/05/2021 13:00	490.1	0.0	13.6	49.4	1.2	41.8
18/05/2021 14:00	489.5	0.0	14.4	45.6	1.8	9.6
18/05/2021 15:00	489.3	0.0	14.2	49.7	2.4	41.4
18/05/2021 16:00	489.3	0.0	12.5	58.3	2.1	51.6
18/05/2021 17:00	489.8	0.0	10.9	65.2	2.2	65.6
18/05/2021 18:00	490.4	0.0	9.5	69.8	2.4	98.1
18/05/2021 19:00	490.9	0.0	9.0	71.9	2.0	87.0
18/05/2021 20:00	491.2	0.0	9.0	71.3	0.9	70.0
18/05/2021 21:00	491.4	0.0	8.9	72.8	1.3	100.8
18/05/2021 22:00	491.4	0.0	8.8	74.1	1.1	34.3
18/05/2021 23:00	491.4	0.0	8.8	73.4	1.0	4.6
19/05/2021 00:00	491.3	0.0	8.8	74.0	0.6	76.8
19/05/2021 01:00	491.3	3.0	6.9	82.8	2.3	284.2
19/05/2021 02:00	491.2	0.5	5.8	85.6	1.9	278.1
19/05/2021 03:00	491.0	2.1	5.6	85.8	0.3	301.2
19/05/2021 04:00	490.8	0.0	5.6	84.9	0.4	274.4
19/05/2021 05:00	490.8	0.0	5.8	84.9	0.4	272.5
19/05/2021 06:00	491.0	0.0	5.9	83.6	0.2	46.6
19/05/2021 07:00	491.2	0.0	6.1	82.6	0.7	290.3
19/05/2021 08:00	491.5	0.0	7.5	76.0	0.5	160.4
19/05/2021 09:00	491.6	0.0	8.7	71.7	0.7	173.1
19/05/2021 10:00	491.3	0.0	10.2	66.8	0.8	224.7
19/05/2021 11:00	490.8	0.0	12.2	60.1	1.3	291.2
19/05/2021 12:00	490.0	0.0	14.1	51.5	1.0	312.2
19/05/2021 13:00	489.4	0.0	15.2	50.9	2.1	59.0
19/05/2021 14:00	488.9	2.1	14.6	54.1	2.5	17.2
19/05/2021 15:00	489.2	16.0	9.0	73.4	2.2	35.7

	19/05/2021 16:00	489.1	0.0	10.2	70.2	1.9	356.3
	19/05/2021 17:00	489.2	0.0	10.1	72.4	1.4	69.1
	19/05/2021 18:00	489.6	0.0	9.6	73.6	1.3	67.8
	19/05/2021 19:00	490.1	0.0	9.1	75.1	1.3	51.0
	19/05/2021 20:00	490.4	0.0	8.4	78.1	1.1	293.7
	19/05/2021 21:00	490.6	0.0	7.6	78.8	0.8	143.9
	19/05/2021 22:00	490.7	0.0	6.7	80.7	1.3	309.6
	19/05/2021 23:00	490.6	0.0	5.9	83.0	0.9	304.3
	20/05/2021 00:00	490.6	0.0	5.4	82.5	1.0	302.3
	20/05/2021 01:00	490.4	0.0	5.0	79.7	1.3	301.5
	20/05/2021 02:00	490.2	0.0	4.8	79.6	1.5	280.2
	20/05/2021 03:00	490.3	0.0	4.6	81.6	1.9	282.0
	20/05/2021 04:00	490.4	0.0	4.1	82.8	1.6	284.9
	20/05/2021 05:00	490.8	0.0	3.7	81.0	1.5	281.5
	20/05/2021 06:00	491.1	0.0	3.2	83.3	1.6	278.1
	20/05/2021 07:00	491.4	0.0	3.2	81.9	1.5	282.8
	20/05/2021 08:00	491.8	0.0	4.5	76.7	1.0	238.9
	20/05/2021 09:00	491.8	0.0	7.0	69.2	0.8	161.7
	20/05/2021 10:00	491.3	0.0	8.8	65.8	1.2	137.6
20	20/05/2021 11:00	490.7	0.0	11.8	58.8	1.0	154.9
	20/05/2021 12:00	489.9	0.0	15.1	49.1	0.9	38.9
	20/05/2021 13:00	489.1	0.0	16.5	42.9	1.7	21.9
	20/05/2021 14:00	488.6	0.0	15.9	48.1	2.4	68.0
	20/05/2021 15:00	488.5	10.7	13.7	60.4	3.3	105.2
	20/05/2021 16:00	488.7	4.1	11.6	69.4	2.7	65.7
	20/05/2021 17:00	489.0	0.0	11.0	72.4	2.2	72.3
	20/05/2021 18:00	489.5	0.0	9.9	75.8	1.5	77.3
	20/05/2021 19:00	490.1	0.0	9.6	76.3	1.1	104.6
	20/05/2021 20:00	490.4	0.0	9.5	76.3	1.1	88.1
	20/05/2021 21:00	490.5	0.0	9.2	77.2	0.8	52.5
	20/05/2021 22:00	490.6	0.0	8.3	78.9	1.7	304.6
	20/05/2021 23:00	490.6	0.0	8.0	78.4	1.2	306.1
	21/05/2021 00:00	490.5	0.0	7.7	77.6	0.9	299.1
	21/05/2021 01:00	490.3	0.0	6.9	77.9	0.9	288.1
	21/05/2021 02:00	490.1	0.0	6.4	77.1	0.9	296.8
	21/05/2021 03:00	490.1	0.0	5.9	76.0	1.3	297.6
	21/05/2021 04:00	490.3	0.0	5.3	74.0	1.1	295.6
	21/05/2021 05:00	490.5	0.0	5.2	72.1	0.9	298.2
	21/05/2021 06:00	490.8	0.0	4.9	71.4	1.3	295.6
	21/05/2021 07:00	491.1	0.0	5.0	71.9	1.1	287.0
	21/05/2021 08:00	491.4	0.0	7.2	68.0	0.7	282.9
	21/05/2021 09:00	491.2	0.0	9.4	66.2	1.5	144.8
	21/05/2021 10:00	490.7	0.0	11.6	60.8	1.6	140.2
21	21/05/2021 11:00	490.0	0.0	14.5	46.1	1.1	173.6
	21/05/2021 12:00	489.3	0.0	16.0	38.8	1.0	129.9
	21/05/2021 13:00	488.9	0.0	16.1	48.7	1.9	71.7
	21/05/2021 14:00	488.5	0.0	15.9	53.4	2.7	76.3
	21/05/2021 15:00	488.2	0.0	14.6	57.5	2.4	88.0
	21/05/2021 16:00	488.4	0.0	12.6	63.1	2.5	79.0
	21/05/2021 17:00	489.0	0.0	11.4	67.2	1.8	52.5
	21/05/2021 18:00	489.5	0.0	10.7	70.8	1.4	73.1
	21/05/2021 19:00	490.0	0.0	10.2	72.6	1.1	57.0
	21/05/2021 20:00	490.2	0.0	9.7	73.3	1.0	67.3
	21/05/2021 21:00	490.5	0.0	8.8	76.0	1.4	82.8
	21/05/2021 22:00	490.7	0.0	8.4	77.1	0.9	1.8
	21/05/2021 23:00	490.6	0.0	8.4	77.2	1.5	21.3
	22/05/2021 00:00	490.4	0.0	8.2	78.5	0.6	314.6
	22/05/2021 01:00	490.3	0.0	7.8	79.5	0.5	287.9
	22/05/2021 02:00	490.0	0.0	7.2	80.2	1.0	5.8
	22/05/2021 03:00	490.0	0.0	6.7	79.3	1.2	12.9
	22/05/2021 04:00	490.1	0.0	6.2	81.4	0.6	345.7
	22/05/2021 05:00	490.2	0.0	5.6	85.0	0.4	292.8
	22/05/2021 06:00	490.5	0.0	5.4	85.4	0.9	291.1
	22/05/2021 07:00	490.9	0.0	6.0	83.0	1.0	282.0
	22/05/2021 08:00	491.2	0.0	7.3	78.7	0.8	170.5
	22/05/2021 09:00	491.3	0.0	8.5	74.9	0.9	44.2
	22/05/2021 10:00	491.1	0.0	11.7	62.2	0.7	57.7
22	22/05/2021 11:00	490.6	0.0	14.2	49.8	1.9	124.3
	22/05/2021 12:00	490.0	0.0	16.1	44.2	1.4	24.6
	22/05/2021 13:00	489.3	0.0	16.7	41.5	2.0	38.2
	22/05/2021 14:00	488.6	0.0	15.6	46.2	2.5	54.0
	22/05/2021 15:00	488.5	0.0	14.6	52.3	2.7	84.0
	22/05/2021 16:00	489.1	0.0	11.8	63.9	2.4	44.9
	22/05/2021 17:00	489.7	0.0	11.3	67.5	1.2	48.3
	22/05/2021 18:00	489.4	0.0	11.0	68.9	1.2	11.9
	22/05/2021 19:00	489.8	0.0	10.2	70.0	2.6	77.7
	22/05/2021 20:00	490.7	0.0	9.2	73.8	1.7	358.4
	22/05/2021 21:00	491.1	0.0	8.1	75.0	0.8	314.7
	22/05/2021 22:00	491.2	0.0	6.9	76.4	1.6	328.9
	22/05/2021 23:00	491.3	0.0	5.6	78.2	1.6	275.6
	23/05/2021 00:00	491.2	0.0	5.1	79.0	0.7	306.5
	23/05/2021 01:00	491.1	0.0	4.3	80.8	1.3	292.0
	23/05/2021 02:00	491.0	0.0	3.8	81.7	1.0	287.1
	23/05/2021 03:00	490.8	0.0	3.4	82.3	0.8	299.2
	23/05/2021 04:00	490.7	0.0	3.3	81.8	0.8	17.3
	23/05/2021 05:00	490.7	0.0	3.2	79.8	0.9	11.3
	23/05/2021 06:00	491.1	0.0	2.6	82.0	1.2	286.6
	23/05/2021 07:00	491.6	0.0	2.5	82.0	0.7	278.0
	23/05/2021 08:00	491.8	0.0	5.3	72.6	0.5	45.5
	23/05/2021 09:00	491.5	0.0	8.4	61.6	0.6	104.3
	23/05/2021 10:00	491.1	0.0	11.2	57.8	0.9	124.3
23	23/05/2021 11:00	490.7	0.0	12.7	55.1	1.4	56.5
	23/05/2021 12:00	490.2	0.0	13.2	50.1	2.8	80.3
	23/05/2021 13:00	489.5	0.0	14.1	52.1	2.5	72.7
	23/05/2021 14:00	489.0	0.0	14.3	54.2	2.7	90.8

	23/05/2021 15:00	489.0	0.0	12.0	63.4	2.5	86.0
	23/05/2021 16:00	489.6	1.1	9.5	74.0	2.5	51.3
	23/05/2021 17:00	490.0	1.4	8.2	76.8	1.3	83.5
	23/05/2021 18:00	490.4	0.0	8.2	75.6	1.4	73.5
	23/05/2021 19:00	490.8	0.0	8.1	75.8	1.2	19.7
	23/05/2021 20:00	491.2	0.0	8.3	75.3	1.1	70.9
	23/05/2021 21:00	491.4	0.0	8.1	76.3	1.0	72.8
	23/05/2021 22:00	491.5	0.0	7.6	78.0	1.2	279.6
	23/05/2021 23:00	491.4	0.0	7.4	78.2	0.6	212.3
	24/05/2021 00:00	491.3	0.0	7.0	78.8	0.9	201.3
	24/05/2021 01:00	491.0	0.0	6.8	79.6	0.7	196.7
	24/05/2021 02:00	490.7	0.0	6.7	79.8	0.6	201.3
	24/05/2021 03:00	490.6	1.1	6.4	82.3	0.5	208.6
	24/05/2021 04:00	490.6	0.6	6.1	84.8	0.4	222.9
	24/05/2021 05:00	490.8	4.3	6.0	85.7	0.3	248.9
	24/05/2021 06:00	491.3	5.9	5.3	84.5	1.1	23.5
	24/05/2021 07:00	491.7	0.0	5.2	83.3	0.5	115.8
	24/05/2021 08:00	492.0	0.0	6.1	80.6	0.7	152.5
	24/05/2021 09:00	492.1	0.0	7.5	74.2	0.8	186.6
	24/05/2021 10:00	491.8	0.3	8.4	72.3	0.5	90.9
24	24/05/2021 11:00	491.4	0.0	9.8	72.9	0.7	294.5
	24/05/2021 12:00	490.9	0.6	10.3	71.7	1.2	282.7
	24/05/2021 13:00	490.2	0.0	12.1	62.3	1.9	105.9
	24/05/2021 14:00	489.7	0.3	11.3	68.6	2.4	86.8
	24/05/2021 15:00	489.3	0.0	11.2	67.5	2.2	52.8
	24/05/2021 16:00	489.3	0.0	10.8	69.1	1.8	80.3
	24/05/2021 17:00	489.6	0.0	9.8	71.8	1.7	94.7
	24/05/2021 18:00	490.0	0.0	9.1	74.0	1.2	59.1
	24/05/2021 19:00	490.6	0.0	8.6	76.5	1.2	84.9
	24/05/2021 20:00	491.1	0.0	8.5	76.8	0.8	60.3
	24/05/2021 21:00	491.4	0.0	8.5	75.5	1.0	128.3
	24/05/2021 22:00	491.5	0.0	8.2	76.4	0.4	113.6
	24/05/2021 23:00	491.3	0.0	8.2	76.6	0.6	89.9
	25/05/2021 00:00	491.3	0.0	8.1	76.4	1.3	125.0
	25/05/2021 01:00	491.1	0.5	7.4	80.5	1.2	56.8
	25/05/2021 02:00	490.8	0.0	7.0	80.4	0.9	65.5
	25/05/2021 03:00	490.6	0.0	7.1	79.0	1.3	89.4
	25/05/2021 04:00	490.5	0.0	7.0	80.0	0.5	25.4
	25/05/2021 05:00	490.7	0.0	7.0	81.3	0.6	307.0
	25/05/2021 06:00	491.0	0.0	6.9	83.0	1.0	285.3
	25/05/2021 07:00	491.4	0.0	7.2	82.2	0.8	270.1
	25/05/2021 08:00	491.7	0.0	8.0	79.0	0.3	175.4
	25/05/2021 09:00	491.7	0.0	9.1	72.6	1.1	345.7
	25/05/2021 10:00	491.5	0.0	10.4	66.6	1.5	5.6
25	25/05/2021 11:00	491.4	0.3	10.0	71.2	2.0	33.5
	25/05/2021 12:00	490.9	0.3	11.0	66.3	2.0	66.0
	25/05/2021 13:00	490.6	1.5	9.4	72.1	2.0	67.1
	25/05/2021 14:00	490.5	0.0	8.5	76.1	2.0	16.5
	25/05/2021 15:00	490.4	0.0	8.6	73.2	2.0	32.4
	25/05/2021 16:00	490.6	0.0	8.1	74.5	1.2	45.9
	25/05/2021 17:00	491.0	0.0	7.6	76.3	1.2	34.1
	25/05/2021 18:00	491.3	0.0	7.5	76.2	0.9	68.3
	25/05/2021 19:00	491.7	0.0	7.2	78.9	0.7	49.1
	25/05/2021 20:00	492.0	0.0	7.1	79.0	0.7	87.1
	25/05/2021 21:00	492.1	0.0	7.3	76.0	0.7	79.9
	25/05/2021 22:00	492.1	0.0	7.3	76.0	1.0	78.8
	25/05/2021 23:00	492.1	0.0	6.8	77.4	1.2	81.2
	26/05/2021 00:00	492.0	0.0	6.5	76.7	0.8	82.3
	26/05/2021 01:00	491.8	0.0	6.4	78.1	1.2	257.2
	26/05/2021 02:00	491.6	0.0	6.1	81.5	0.7	294.1
	26/05/2021 03:00	491.4	0.0	5.8	81.5	0.8	274.4
	26/05/2021 04:00	491.4	0.0	5.5	80.2	1.0	283.0
	26/05/2021 05:00	491.7	0.0	4.9	83.2	0.7	275.3
	26/05/2021 06:00	492.0	0.0	4.6	85.1	0.4	277.9
	26/05/2021 07:00	492.4	0.0	5.0	82.1	0.5	276.8
	26/05/2021 08:00	492.8	0.0	7.2	72.3	0.9	285.0
	26/05/2021 09:00	493.0	0.0	9.0	63.5	0.9	248.1
	26/05/2021 10:00	492.7	0.0	11.3	53.2	1.4	1.4
26	26/05/2021 11:00	492.3	0.0	12.6	50.7	1.5	317.4
	26/05/2021 12:00	491.7	0.0	13.3	44.3	1.9	47.6
	26/05/2021 13:00	491.3	0.0	13.8	45.7	1.7	52.9
	26/05/2021 14:00	490.9	0.0	13.6	50.8	2.5	76.4
	26/05/2021 15:00	490.5	0.0	13.2	52.9	2.3	82.8
	26/05/2021 16:00	490.6	0.0	11.7	58.9	2.4	56.1
	26/05/2021 17:00	490.8	0.0	10.2	63.6	2.0	32.4
	26/05/2021 18:00	491.3	0.0	8.9	66.7	2.4	13.4
	26/05/2021 19:00	491.7	0.0	8.2	69.7	0.8	21.5
	26/05/2021 20:00	492.1	0.0	7.8	70.9	0.5	4.5
	26/05/2021 21:00	492.5	0.0	7.9	71.8	1.0	321.2
	26/05/2021 22:00	492.6	0.0	7.3	74.5	1.0	321.6
	26/05/2021 23:00	492.5	0.0	6.4	75.7	1.3	0.6
	27/05/2021 00:00	492.4	0.0	5.4	77.7	1.2	349.2
	27/05/2021 01:00	492.1	0.0	4.5	79.9	0.9	322.5
	27/05/2021 02:00	491.9	0.0	3.7	82.8	1.2	291.9
	27/05/2021 03:00	491.7	0.0	3.0	84.2	1.1	285.0
	27/05/2021 04:00	491.7	0.0	2.5	84.7	0.7	293.0
	27/05/2021 05:00	491.9	0.0	2.1	85.6	0.9	291.6
	27/05/2021 06:00	492.2	0.0	1.8	86.9	1.3	281.1
	27/05/2021 07:00	492.5	0.0	1.8	86.7	0.7	287.8
	27/05/2021 08:00	492.7	0.0	5.2	76.2	0.3	100.1
	27/05/2021 09:00	492.6	0.0	7.8	67.3	0.7	117.8
	27/05/2021 10:00	492.3	0.0	10.6	59.0	0.5	232.6
27	27/05/2021 11:00	491.7	0.0	12.6	53.0	1.1	153.8
	27/05/2021 12:00	491.0	0.0	13.7	47.9	0.4	290.7
	27/05/2021 13:00	490.3	0.0	14.4	45.4	0.8	101.4

27/05/2021 14:00	489.9	0.0	15.2	48.5	2.6	76.7
27/05/2021 15:00	489.7	0.0	14.4	52.0	1.9	77.6
27/05/2021 16:00	489.8	0.0	12.8	57.9	2.2	52.8
27/05/2021 17:00	490.0	0.0	11.0	65.0	2.1	48.4
27/05/2021 18:00	490.6	0.0	9.5	70.7	1.3	27.6
27/05/2021 19:00	490.9	0.0	9.0	72.7	1.0	348.4
27/05/2021 20:00	491.1	0.0	8.7	72.9	1.5	345.7
27/05/2021 21:00	491.4	0.0	8.7	71.9	0.8	31.4
27/05/2021 22:00	491.3	0.0	8.1	73.6	0.7	355.7
27/05/2021 23:00	491.3	0.0	7.3	76.5	0.6	25.3
28/05/2021 00:00	491.1	0.0	6.4	77.3	1.5	17.8
28/05/2021 01:00	490.9	0.0	5.7	79.1	1.6	354.5
28/05/2021 02:00	490.6	0.0	4.7	81.8	0.9	305.2
28/05/2021 03:00	490.5	0.0	4.0	83.8	0.9	296.7

	28/05/2021 04:00	490.5	0.0	3.4	85.4	0.9	288.3
	28/05/2021 05:00	490.7	0.0	2.8	87.3	0.8	289.1
	28/05/2021 06:00	491.0	0.0	2.9	85.7	1.2	285.0
	28/05/2021 07:00	491.3	0.0	3.5	83.5	1.2	284.1
	28/05/2021 08:00	491.6	0.0	4.2	82.8	1.1	267.4
	28/05/2021 09:00	491.6	0.0	5.9	77.2	0.7	238.1
	28/05/2021 10:00	491.1	0.0	9.2	65.2	0.7	233.5
28	28/05/2021 11:00	490.4	0.0	13.4	48.1	0.7	228.1
	28/05/2021 12:00	489.6	0.0	15.6	37.0	0.9	257.4
	28/05/2021 13:00	489.0	0.0	15.9	35.1	1.3	112.4
	28/05/2021 14:00	488.5	0.0	15.8	43.2	2.2	59.9
	28/05/2021 15:00	488.3	0.0	14.9	49.3	2.5	78.5
	28/05/2021 16:00	488.5	0.0	12.6	59.4	2.5	52.7
	28/05/2021 17:00	488.9	0.0	10.5	68.1	2.6	31.4
	28/05/2021 18:00	489.4	0.0	9.6	72.7	1.6	61.4
	28/05/2021 19:00	489.7	0.0	9.4	72.9	0.9	65.7
	28/05/2021 20:00	489.9	0.0	9.3	72.0	1.1	82.1
	28/05/2021 21:00	490.2	0.0	8.9	73.0	0.8	6.4
	28/05/2021 22:00	490.2	0.0	7.9	76.5	0.8	323.3
	28/05/2021 23:00	490.2	0.0	7.8	75.9	1.9	12.7
	29/05/2021 00:00	490.1	0.0	7.0	79.0	1.2	296.9
	29/05/2021 01:00	489.9	0.0	6.8	79.0	1.1	313.0
	29/05/2021 02:00	489.7	0.0	6.6	78.6	0.4	310.6
	29/05/2021 03:00	489.7	0.0	6.0	80.3	0.5	346.5
	29/05/2021 04:00	489.8	0.0	5.1	81.4	0.8	352.0
	29/05/2021 05:00	490.0	0.0	4.1	85.5	1.3	278.1
	29/05/2021 06:00	490.4	0.0	3.9	84.6	0.6	286.5
	29/05/2021 07:00	490.8	0.0	4.7	82.2	1.0	281.6
	29/05/2021 08:00	491.2	0.0	5.7	78.4	1.4	283.9
	29/05/2021 09:00	491.2	0.0	7.3	71.5	1.0	317.0
	29/05/2021 10:00	490.6	0.0	10.7	58.1	0.8	188.5
29	29/05/2021 11:00	490.0	0.0	13.8	44.7	0.9	243.4
	29/05/2021 12:00	489.2	0.0	15.7	37.8	0.9	257.6
	29/05/2021 13:00	488.7	0.0	15.6	40.0	1.8	43.8
	29/05/2021 14:00	488.1	0.0	15.7	44.0	2.1	52.6
	29/05/2021 15:00	487.8	0.0	15.1	49.3	3.0	84.6
	29/05/2021 16:00	488.0	0.0	12.9	57.3	2.4	54.0
	29/05/2021 17:00	488.5	0.0	11.1	62.3	2.1	41.2
	29/05/2021 18:00	489.1	0.0	9.7	64.3	1.5	45.2
	29/05/2021 19:00	489.4	0.0	8.9	63.1	1.4	14.5
	29/05/2021 20:00	489.8	0.0	7.9	65.3	1.2	10.5
	29/05/2021 21:00	490.2	0.0	7.0	68.8	1.3	342.5
	29/05/2021 22:00	490.5	0.0	5.8	73.8	1.5	292.1
	29/05/2021 23:00	490.7	0.0	5.2	76.6	0.4	268.6
	30/05/2021 00:00	490.7	0.0	5.4	77.7	1.1	283.2
	30/05/2021 01:00	490.7	0.0	5.6	77.8	0.8	273.8
	30/05/2021 02:00	490.4	0.0	6.0	77.0	0.2	292.6
	30/05/2021 03:00	490.2	0.0	6.2	76.6	0.6	319.3
	30/05/2021 04:00	490.3	0.0	5.8	78.5	1.2	279.3
	30/05/2021 05:00	490.5	0.0	5.8	78.9	0.4	285.7
	30/05/2021 06:00	490.8	0.0	5.9	78.7	0.5	334.3
	30/05/2021 07:00	491.2	0.0	6.3	78.5	1.1	281.9
	30/05/2021 08:00	491.6	0.0	8.3	71.2	1.0	290.3
	30/05/2021 09:00	491.4	0.0	10.7	54.4	0.7	287.0
	30/05/2021 10:00	490.9	0.0	12.4	46.8	0.9	299.9
	30/05/2021 11:00	490.5	0.0	13.4	43.3	0.8	193.6
	30/05/2021 12:00	490.0	0.0	13.7	44.2	0.6	87.5
	30/05/2021 13:00	489.5	0.0	15.4	43.5	1.6	53.8
	30/05/2021 14:00	489.0	0.0	15.2	47.5	2.5	39.9
	30/05/2021 15:00	488.8	0.0	14.4	53.2	2.6	56.5
	30/05/2021 16:00	489.1	0.0	12.3	60.8	2.8	71.7
	30/05/2021 17:00	489.7	0.0	11.1	65.0	2.5	75.0
	30/05/2021 18:00	490.1	0.0	10.0	68.9	2.3	90.4
	30/05/2021 19:00	490.7	0.0	9.4	71.9	1.6	70.5
	30/05/2021 20:00	491.0	0.0	9.2	72.8	1.6	22.3
	30/05/2021 21:00	491.2	0.0	9.2	72.7	0.9	354.3
	30/05/2021 22:00	491.3	0.0	9.0	73.7	1.2	75.2
	30/05/2021 23:00	491.2	0.0	8.6	75.9	1.5	289.9
	31/05/2021 00:00	491.1	0.0	8.3	76.9	1.4	290.2
	31/05/2021 01:00	490.9	0.0	8.5	76.4	0.4	347.0
	31/05/2021 02:00	490.9	0.0	8.6	75.7	1.0	307.9
	31/05/2021 03:00	490.8	0.0	8.6	73.4	1.3	40.2
	31/05/2021 04:00	490.7	0.0	8.2	73.7	0.8	10.7
	31/05/2021 05:00	490.8	0.0	7.4	74.8	1.6	10.8
	31/05/2021 06:00	491.1	0.0	6.8	75.3	1.9	6.3
	31/05/2021 07:00	491.6	0.0	7.4	74.6	0.9	328.3
	31/05/2021 08:00	492.0	0.0	8.1	74.3	1.0	276.7
	31/05/2021 09:00	492.0	0.0	9.6	67.0	1.2	287.0
	31/05/2021 10:00	491.8	0.0	11.2	59.3	0.8	180.3
30	31/05/2021 11:00	491.2	0.0	13.2	51.4	0.6	275.8
	31/05/2021 12:00	490.7	0.0	14.2	49.0	1.2	17.4
	31/05/2021 13:00	490.3	0.0	14.8	49.4	2.0	76.8
	31/05/2021 14:00	489.9	0.0	14.1	53.7	2.8	67.9
	31/05/2021 15:00	489.7	0.0	13.2	56.5	2.4	74.1
	31/05/2021 16:00	489.8	0.0	12.3	60.1	2.0	56.3
	31/05/2021 17:00	490.4	0.0	10.8	65.9	2.4	75.9
	31/05/2021 18:00	490.8	0.0	10.1	67.4	1.5	66.2
	31/05/2021 19:00	491.1	0.0	9.9	70.9	1.7	93.0
	31/05/2021 20:00	491.4	0.0	9.7	70.5	1.0	39.2
	31/05/2021 21:00	491.8	0.0	9.3	71.8	1.3	40.4
	31/05/2021 22:00	491.8	0.0	9.1	72.7	0.9	305.5
	31/05/2021 23:00	491.8	0.0	8.8	74.1	1.1	314.2

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en mayo de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica
DATOS DEL EQUIPO			
EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	5.97	5.82	5.95	5.95	6.08	6.10	6.45	6.10	6.03	5.84	5.84	6.03	6.26	6.34	6.03	6.08	6.31	6.24	6.18	6.84	6.50	6.68	6.10	6.31	6.37	6.47	6.39	6.55	6.47	6.81	6.84
01:00	6.10	5.40	5.74	6.16	6.05	5.92	6.10	6.00	6.08	5.92	6.10	5.79	6.13	6.24	6.05	6.18	6.03	6.34	6.24	7.13	6.50	6.79	6.39	6.24	6.29	6.55	6.31	6.52	6.58	6.60	6.50
02:00	5.87	5.76	5.87	6.13	5.97	6.05	6.34	6.08	5.92	6.00	5.76	6.08	6.08	6.16	6.05	6.08	6.29	6.29	6.26	6.94	6.50	6.60	6.31	6.24	6.00	6.76	6.34	6.31	6.52	6.71	6.73
03:00	6.03	5.90	5.71	6.13	6.39	6.10	6.16	5.97	6.00	5.61	5.97	6.10	6.21	6.18	6.00	6.24	6.00	6.39	6.13	6.39	6.55	6.34	6.45	6.24	6.24	6.65	6.47	6.58	6.50	7.02	6.39
04:00	6.21	5.69	6.08	5.92	6.60	5.97	6.24	6.16	6.10	5.63	6.24	6.10	6.42	6.26	6.13	6.05	6.00	6.26	6.47	6.31	6.50	6.24	6.10	6.21	6.45	6.58	6.71	6.76	6.58	6.68	6.47
05:00	6.16	5.84	6.24	5.84	7.55	6.21	6.45	5.97	6.18	6.08	6.21	6.89	6.60	6.08	6.18	6.03	6.45	6.29	6.21	6.24	6.47	6.97	5.92	6.45	6.50	6.76	7.28	7.49	6.76	6.81	6.34
06:00	6.34	5.82	6.45	6.18	13.76	6.45	6.26	6.42	6.34	5.95	6.18	6.86	7.44	6.21	6.37	6.24	6.50	6.45	6.18	6.24	6.50	7.28	6.42	6.10	6.79	7.10	10.30	7.62	7.05	6.71	6.31
07:00	6.81	5.90	7.07	6.50	13.78	6.34	6.24	6.50	6.03	6.34	6.21	7.18	7.13	6.50	6.92	6.05	6.55	6.60	6.94	6.60	6.79	7.55	6.18	6.24	7.00	6.60	17.69	7.13	7.13	7.02	6.37
08:00	6.39	6.13	6.45	6.52	9.72	6.31	6.34	6.39	5.95	6.00	6.16	6.50	7.57	6.50	6.21	5.87	6.55	6.60	6.81	6.50	6.89	7.00	6.50	6.21	6.92	6.68	7.99	6.60	6.21	6.63	6.65
09:00	6.71	6.21	6.50	6.86	7.00	6.05	6.18	ID	6.00	6.08	6.10	6.16	8.41	6.60	6.08	6.10	6.60	6.34	6.86	6.24	7.02	6.84	6.39	6.52	6.73	6.60	7.13	6.71	6.31	6.45	6.45
10:00	11.71	7.07	6.26	6.45	6.24	6.18	5.95	5.92	10.79	6.10	6.42	6.34	7.13	6.50	5.95	6.03	6.58	6.42	6.86	6.76	6.55	6.60	6.89	6.26	6.68	6.60	7.99	6.97	6.86	6.50	6.68
11:00	9.20	6.81	6.10	6.08	6.05	6.16	5.90	6.03	8.86	6.10	6.21	6.34	6.55	6.34	6.03	6.50	6.26	6.47	6.84	7.28	6.76	6.73	6.63	7.26	6.55	6.81	6.94	7.26	6.55	6.58	6.79
12:00	7.05	6.50	6.24	6.05	6.24	5.76	5.97	5.90	8.99	6.00	5.95	6.45	6.50	6.39	6.18	6.81	6.21	6.97	6.60	6.55	6.34	6.65	6.31	6.50	6.52	6.76	6.68	6.52	6.42	6.55	7.10
13:00	6.16	6.58	5.92	5.97	5.97	5.84	5.95	5.87	6.10	5.84	5.97	6.10	6.34	6.37	6.16	6.34	6.39	6.50	6.45	6.60	6.47	6.50	6.50	6.55	6.37	6.68	6.63	6.31	6.16	6.76	6.60
14:00	6.08	6.26	5.92	5.92	6.08	6.10	5.82	5.71	6.05	5.82	6.00	5.97	6.18	6.24	6.08	6.24	6.24	6.39	6.39	6.42	6.18	6.45	6.34	6.34	6.45	6.63	6.50	6.76	6.47	6.65	6.45
15:00	5.95	6.10	5.71	5.97	6.03	5.92	5.82	6.00	5.76	5.97	6.05	5.97	6.50	6.13	6.10	5.97	6.34	6.24	6.24	6.52	6.24	6.34	6.45	6.63	6.29	6.16	6.42	6.79	6.55	6.45	6.58
16:00	5.87	6.13	5.69	6.10	6.24	5.90	5.74	5.92	5.95	6.10	6.03	6.24	6.13	5.97	6.05	5.97	6.37	9.77	6.50	6.34	6.21	6.45	6.26	6.42	6.52	6.31	6.60	6.76	6.45	6.39	6.63
17:00	5.76	5.97	6.18	5.92	5.90	5.82	5.87	6.10	5.97	6.13	5.92	6.00	6.18	6.18	6.31	6.29	6.65	7.39	6.29	6.37	6.10	6.84	6.24	6.24	6.21	6.29	6.65	6.39	6.31	6.45	6.58
18:00	6.18	6.08	5.97	5.97	5.97	6.00	5.97	6.08	5.90	5.90	6.45	6.13	6.47	6.18	6.00	7.39	6.16	6.76	6.26	6.29	6.55	6.45	6.21	6.52	6.58	6.50	7.26	6.34	6.73	6.60	6.34
19:00	5.97	6.16	5.97	5.87	6.00	6.03	5.97	6.60	5.90	5.87	6.79	5.84	6.37	6.50	6.16	6.21	6.21	7.39	6.47	6.63	6.34	6.79	6.42	6.24	6.29	6.52	6.79	6.60	7.36	6.63	6.50
20:00	5.79	6.34	6.08	6.65	6.10	5.87	6.29	6.42	5.82	5.84	6.37	6.24	6.76	6.24	6.13	5.97	6.16	8.41	6.47	6.24	6.55	6.50	6.16	6.31	6.37	6.29	6.76	6.31	6.55	6.58	6.60
21:00	5.87	6.34	6.34	6.21	5.90	6.13	6.03	6.21	5.90	5.90	6.08	5.84	6.81	6.24	5.90	6.21	6.47	7.07	6.37	6.37	6.26	6.76	6.50	6.60	6.34	6.24	6.34	6.39	6.52	6.71	7.00
22:00	5.61	5.97	6.39	6.08	6.31	6.10	6.10	6.31	5.92	6.10	6.10	6.08	6.55	5.82	6.24	6.47	6.50	6.34	6.10	7.00	6.39	6.26	6.60	6.34	6.31	6.45	6.50	6.65	6.63	7.13	6.81
23:00	5.63	6.24	6.18	6.10	6.39	6.65	6.21	6.24	5.66	5.92	6.24	6.65	7.02	6.03	6.34	6.60	6.71	6.08	6.39	6.76	7.52	6.42	6.52	6.34	6.26	6.18	6.86	6.50	6.89	7.15	7.15
Promedio de SO_2 en 24 h	**6.5**	**6.1**	**6.1**	**6.1**	**7.0**	**6.1**	**6.1**	**6.1**	**6.4**	**6.0**	**6.1**	**6.2**	**6.7**	**6.3**	**6.2**	**6.2**	**6.4**	**6.8**	**6.4**	**6.6**	**6.5**	**6.7**	**6.4**	**6.4**	**6.5**	**6.5**	**7.4**	**6.7**	**6.6**	**6.7**	**6.6**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																														

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en mayo de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** No aplica

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	6.19	5.69	6.05	6.17	6.09	6.27	6.40	6.14	6.19	5.81	5.95	6.12	6.33	6.64	5.96	6.22	6.46	6.48	6.20	6.44	6.75	6.86	6.26	6.48	6.35	6.35	6.34	6.64	6.54	6.78
01:00	6.15	5.62	5.98	6.10	6.08	6.14	6.40	6.10	6.12	5.81	5.95	6.02	6.35	6.53	6.04	6.20	6.31	6.43	6.17	6.79	6.59	7.00	6.30	6.36	6.33	6.43	6.29	6.64	6.52	6.77
02:00	5.98	5.66	5.85	6.08	6.03	6.02	6.30	6.06	6.01	5.92	5.90	5.97	6.16	6.25	6.04	6.11	6.21	6.29	6.23	6.97	6.50	6.69	6.27	6.26	6.22	6.59	6.35	6.46	6.52	6.71
03:00	6.00	5.69	5.77	6.14	6.14	6.02	6.20	6.02	6.00	5.84	5.94	5.99	6.14	6.19	6.03	6.17	6.11	6.34	6.21	6.82	6.52	6.58	6.38	6.24	6.18	6.65	6.37	6.47	6.53	6.78
04:00	6.04	5.78	5.89	6.06	6.32	6.04	6.25	6.07	6.01	5.75	5.99	6.09	6.24	6.20	6.06	6.12	6.10	6.31	6.29	6.55	6.52	6.39	6.29	6.23	6.23	6.66	6.51	6.55	6.53	6.80
05:00	6.13	5.81	6.01	5.96	6.85	6.09	6.28	6.03	6.09	5.77	6.14	6.36	6.41	6.17	6.10	6.11	6.15	6.31	6.27	6.31	6.51	6.52	6.16	6.30	6.40	6.66	6.82	6.94	6.61	6.84
06:00	6.24	5.78	6.26	5.98	9.30	6.21	6.32	6.18	6.21	5.89	6.21	6.62	6.82	6.18	6.23	6.11	6.32	6.33	6.29	6.26	6.49	6.83	6.15	6.25	6.58	6.81	8.10	7.29	6.80	6.73
07:00	6.44	5.85	6.59	6.17	11.70	6.33	6.32	6.30	6.18	6.12	6.20	6.98	7.06	6.26	6.49	6.11	6.50	6.45	6.44	6.36	6.59	7.27	6.17	6.26	6.76	6.82	11.76	7.41	6.98	6.85
08:00	6.51	5.95	6.66	6.40	12.42	6.37	6.28	6.44	6.11	6.10	6.18	6.85	7.38	6.40	6.50	6.05	6.53	6.55	6.64	6.45	6.73	7.28	6.37	6.18	6.90	6.79	11.99	7.12	6.80	6.79
09:00	6.64	6.08	6.67	6.63	10.17	6.23	6.25	ID	5.99	6.14	6.16	6.61	7.70	6.53	6.40	6.01	6.57	6.51	6.87	6.45	6.90	7.13	6.36	6.32	6.88	6.63	10.94	6.81	6.55	6.70
10:00	8.27	6.47	6.40	6.61	7.65	6.18	6.16	ID	7.58	6.06	6.23	6.33	7.70	6.53	6.08	6.00	6.58	6.45	6.84	6.50	6.82	6.81	6.59	6.33	6.78	6.63	7.70	6.76	6.46	6.53
11:00	9.21	6.70	6.29	6.46	6.43	6.13	6.01	ID	8.55	6.09	6.24	6.28	7.36	6.48	6.02	6.21	6.48	6.41	6.85	6.76	6.78	6.72	6.64	6.68	6.65	6.67	7.35	6.98	6.57	6.51
12:00	9.32	6.79	6.20	6.19	6.18	6.03	5.94	5.95	9.55	6.07	6.19	6.38	6.73	6.41	6.05	6.45	6.35	6.62	6.77	6.86	6.55	6.66	6.61	6.67	6.58	6.72	7.20	6.92	6.61	6.54
13:00	7.47	6.63	6.09	6.03	6.09	5.92	5.94	5.93	7.98	5.98	6.04	6.30	6.46	6.37	6.12	6.55	6.29	6.65	6.63	6.81	6.52	6.63	6.48	6.77	6.48	6.75	6.75	6.70	6.38	6.63
14:00	6.43	6.45	6.03	5.98	6.10	5.90	5.91	5.83	7.05	5.89	5.97	6.17	6.34	6.33	6.14	6.46	6.28	6.62	6.48	6.52	6.33	6.53	6.38	6.46	6.45	6.69	6.60	6.53	6.35	6.65
15:00	6.06	6.31	5.85	5.95	6.03	5.95	5.86	5.86	5.97	5.88	6.01	6.01	6.34	6.25	6.11	6.18	6.32	6.38	6.36	6.51	6.30	6.43	6.43	6.51	6.37	6.49	6.52	6.62	6.39	6.62
16:00	5.97	6.16	5.77	6.00	6.12	5.97	5.79	5.88	5.92	5.96	6.03	6.06	6.27	6.11	6.08	6.06	6.32	7.47	6.38	6.43	6.21	6.41	6.35	6.46	6.42	6.37	6.51	6.77	6.49	6.50
17:00	5.86	6.07	5.86	6.00	6.06	5.88	5.81	6.01	5.89	6.07	6.00	6.07	6.27	6.09	6.15	6.08	6.45	7.80	6.34	6.41	6.18	6.54	6.32	6.43	6.34	6.25	6.56	6.65	6.44	6.43
18:00	5.94	6.06	5.95	6.00	6.04	5.91	5.86	6.03	5.94	6.04	6.13	6.12	6.26	6.11	6.12	6.55	6.39	7.97	6.35	6.33	6.29	6.58	6.24	6.39	6.44	6.37	6.84	6.50	6.50	6.48
19:00	5.97	6.07	6.04	5.92	5.96	5.95	5.94	6.26	5.92	5.97	6.39	5.99	6.34	6.29	6.16	6.63	6.34	7.18	6.34	6.43	6.33	6.69	6.29	6.33	6.36	6.44	6.90	6.44	6.80	6.56
20:00	5.98	6.19	6.01	6.16	6.02	5.97	6.08	6.37	5.87	5.87	6.54	6.07	6.53	6.31	6.10	6.52	6.18	7.52	6.40	6.39	6.48	6.58	6.26	6.36	6.41	6.44	6.94	6.42	6.88	6.60
21:00	5.88	6.28	6.13	6.24	6.00	6.01	6.10	6.41	5.87	5.87	6.41	5.97	6.65	6.33	6.06	6.13	6.28	7.62	6.44	6.41	6.38	6.68	6.36	6.38	6.33	6.35	6.63	6.43	6.81	6.64
22:00	5.76	6.22	6.27	6.31	6.10	6.03	6.14	6.31	5.88	5.95	6.18	6.05	6.71	6.10	6.09	6.22	6.38	7.27	6.31	6.54	6.40	6.51	6.42	6.42	6.34	6.33	6.53	6.45	6.57	6.81
23:00	5.70	6.18	6.30	6.13	6.20	6.29	6.11	6.25	5.83	5.97	6.14	6.19	6.79	6.03	6.16	6.43	6.56	6.50	6.29	6.71	6.72	6.48	6.54	6.43	6.30	6.29	6.57	6.51	6.68	7.00

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en mayo de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/05/2021 00:00	490.7	0.0	8.0	77.4	1.4	286.3
	1/05/2021 01:00	490.4	0.0	7.2	75.7	1.0	346.4
	1/05/2021 02:00	490.2	0.0	6.2	79.5	1.1	295.0
	1/05/2021 03:00	490.1	0.0	5.6	80.9	0.9	288.3
	1/05/2021 04:00	490.2	0.0	4.9	82.1	1.3	283.6
	1/05/2021 05:00	490.5	0.0	4.4	82.9	0.9	277.9
	1/05/2021 06:00	490.8	0.0	4.0	83.6	1.2	286.4
	1/05/2021 07:00	491.1	0.0	4.2	83.0	1.1	286.3
	1/05/2021 08:00	491.4	0.0	7.3	71.6	0.5	173.9
	1/05/2021 09:00	491.4	0.0	9.0	66.7	0.8	136.3
	1/05/2021 10:00	491.1	0.0	10.3	61.5	0.4	89.2
	1/05/2021 11:00	490.7	0.0	12.9	51.7	1.4	155.4
1	1/05/2021 12:00	490.4	0.0	12.1	50.3	2.3	155.6
	1/05/2021 13:00	489.9	0.0	13.0	47.4	0.9	263.0
	1/05/2021 14:00	489.4	0.0	14.9	40.1	2.5	76.4
	1/05/2021 15:00	489.2	0.0	13.6	43.8	3.4	116.7
	1/05/2021 16:00	489.3	0.0	12.3	48.1	2.2	101.4
	1/05/2021 17:00	489.6	0.0	10.6	62.0	2.0	68.2
	1/05/2021 18:00	490.3	0.0	8.8	69.0	2.2	24.0
	1/05/2021 19:00	490.7	0.0	8.2	68.4	1.1	40.9
	1/05/2021 20:00	491.0	0.0	7.6	69.9	1.3	22.0
	1/05/2021 21:00	491.2	0.0	6.8	72.0	0.9	343.6
	1/05/2021 22:00	491.2	0.0	5.9	73.6	1.1	333.8
	1/05/2021 23:00	491.2	0.0	5.1	72.9	1.3	337.0
	2/05/2021 00:00	491.1	0.0	4.0	78.8	1.3	293.5
	2/05/2021 01:00	490.9	0.0	3.1	79.8	1.2	285.3
	2/05/2021 02:00	490.8	0.0	2.6	81.1	1.2	290.5
	2/05/2021 03:00	490.8	0.0	2.0	81.6	0.7	282.0
	2/05/2021 04:00	490.8	0.0	1.7	81.9	0.9	283.7
	2/05/2021 05:00	491.0	0.0	1.0	83.7	1.3	284.0
	2/05/2021 06:00	491.6	0.0	0.6	83.6	1.0	281.5
	2/05/2021 07:00	492.0	0.0	1.1	82.2	0.4	333.1
	2/05/2021 08:00	492.1	0.0	3.9	71.5	0.9	78.1
	2/05/2021 09:00	492.0	0.0	7.4	62.1	0.7	157.5
	2/05/2021 10:00	491.6	0.0	10.8	47.7	1.1	157.1
2	2/05/2021 11:00	491.1	0.0	13.5	36.3	1.6	224.4
	2/05/2021 12:00	490.4	0.0	15.4	29.5	1.4	154.7
	2/05/2021 13:00	489.8	0.0	15.9	30.3	1.3	82.0
	2/05/2021 14:00	489.4	0.0	15.8	33.4	2.3	45.9
	2/05/2021 15:00	489.2	0.0	15.7	36.1	2.5	62.6
	2/05/2021 16:00	489.3	0.0	13.8	40.5	2.4	76.7
	2/05/2021 17:00	489.5	0.0	12.0	45.5	2.2	62.1
	2/05/2021 18:00	489.8	0.0	10.5	50.0	1.9	86.2
	2/05/2021 19:00	490.1	0.0	9.7	54.2	1.7	32.0
	2/05/2021 20:00	490.5	0.0	8.6	60.4	1.8	336.6
	2/05/2021 21:00	490.8	0.0	7.5	64.8	1.5	336.1
	2/05/2021 22:00	491.0	0.0	6.3	73.3	0.9	282.9
	2/05/2021 23:00	491.1	0.0	5.5	76.0	1.1	291.7
	3/05/2021 00:00	491.1	0.0	4.7	77.8	1.2	283.6
	3/05/2021 01:00	490.8	0.0	4.2	78.4	0.7	298.3
	3/05/2021 02:00	490.7	0.0	3.6	79.5	0.9	286.7
	3/05/2021 03:00	490.7	0.0	3.2	80.4	0.9	293.3
	3/05/2021 04:00	490.8	0.0	2.7	81.7	1.4	289.3
	3/05/2021 05:00	491.0	0.0	2.4	82.1	1.1	300.0
	3/05/2021 06:00	491.4	0.0	2.1	83.2	1.1	290.4
	3/05/2021 07:00	491.6	0.0	2.9	80.3	0.3	189.7
	3/05/2021 08:00	491.6	0.0	6.3	66.2	0.6	124.5
	3/05/2021 09:00	491.4	0.0	9.5	57.0	0.8	144.8
	3/05/2021 10:00	491.0	0.0	12.6	49.9	0.9	143.2
3	3/05/2021 11:00	490.3	0.0	14.7	44.5	1.7	144.6
	3/05/2021 12:00	489.6	0.0	16.4	38.6	1.4	182.6
	3/05/2021 13:00	488.9	0.0	17.2	36.2	0.9	216.6
	3/05/2021 14:00	488.5	0.0	17.0	42.2	2.1	79.2
	3/05/2021 15:00	488.4	0.0	15.8	47.0	2.6	67.4
	3/05/2021 16:00	488.6	0.0	13.3	56.0	2.4	68.8
	3/05/2021 17:00	488.9	0.0	11.6	61.1	2.1	70.5
	3/05/2021 18:00	489.4	0.0	10.0	67.2	2.1	102.9
	3/05/2021 19:00	490.0	0.0	9.1	70.1	2.1	86.7

	3/05/2021 20:00	490.6	0.0	9.0	69.7	1.2	27.2
	3/05/2021 21:00	490.9	0.0	8.6	71.2	0.5	332.8
	3/05/2021 22:00	491.2	0.0	8.1	73.3	1.3	282.6
	3/05/2021 23:00	491.2	0.0	8.3	72.5	0.5	304.7
	4/05/2021 00:00	491.0	0.0	8.5	72.0	0.2	294.3
	4/05/2021 01:00	490.8	0.0	8.7	70.7	1.0	16.8
	4/05/2021 02:00	490.5	0.0	8.7	70.2	1.1	4.7
	4/05/2021 03:00	490.4	0.0	7.9	74.9	0.8	266.6
	4/05/2021 04:00	490.5	0.0	7.4	75.6	0.8	312.6
	4/05/2021 05:00	490.7	0.0	6.8	74.3	1.7	11.2
	4/05/2021 06:00	491.2	0.0	6.9	76.4	1.5	30.0
	4/05/2021 07:00	491.7	0.0	6.8	77.2	0.9	289.4
	4/05/2021 08:00	492.1	0.0	7.9	74.4	1.0	275.3
	4/05/2021 09:00	492.2	0.0	9.3	69.7	0.5	180.3
	4/05/2021 10:00	492.0	0.0	10.9	64.3	0.7	158.5
4	4/05/2021 11:00	491.5	0.0	12.2	58.2	1.4	148.7
	4/05/2021 12:00	490.8	0.0	14.2	46.0	2.0	140.2
	4/05/2021 13:00	490.3	0.0	14.5	40.7	3.1	145.0
	4/05/2021 14:00	489.9	0.0	14.5	42.4	1.8	71.8
	4/05/2021 15:00	489.5	0.0	14.7	43.4	1.8	126.0
	4/05/2021 16:00	489.4	0.0	13.9	48.7	1.7	90.6
	4/05/2021 17:00	489.8	0.0	12.7	53.9	1.4	75.6
	4/05/2021 18:00	490.2	0.0	11.2	57.3	2.1	21.6
	4/05/2021 19:00	490.8	0.0	10.3	62.3	0.9	31.7
	4/05/2021 20:00	491.2	0.0	9.6	70.2	0.8	18.1
	4/05/2021 21:00	491.6	0.0	9.4	71.4	1.1	95.7
	4/05/2021 22:00	491.7	0.0	9.2	72.2	0.8	12.1
	4/05/2021 23:00	491.6	0.0	8.3	73.6	1.0	343.1
	5/05/2021 00:00	491.5	0.0	7.0	76.6	1.1	327.2
	5/05/2021 01:00	491.4	0.0	5.9	79.8	0.8	283.1
	5/05/2021 02:00	491.2	0.0	4.9	80.8	1.2	280.1
	5/05/2021 03:00	491.1	0.0	4.2	82.1	1.1	288.1
	5/05/2021 04:00	491.1	0.0	3.6	83.3	1.3	290.5
	5/05/2021 05:00	491.2	0.0	3.6	82.9	1.2	288.4
	5/05/2021 06:00	491.5	0.0	3.2	83.4	1.9	277.8
	5/05/2021 07:00	492.1	0.0	3.8	82.2	1.2	281.0
	5/05/2021 08:00	492.4	0.0	6.0	75.8	0.7	239.4
	5/05/2021 09:00	492.2	0.0	9.2	66.5	0.7	197.0
	5/05/2021 10:00	491.9	0.0	12.3	57.8	0.9	245.1
5	5/05/2021 11:00	491.3	0.0	14.4	48.4	1.0	146.8
	5/05/2021 12:00	490.6	0.0	15.7	40.6	1.1	136.3
	5/05/2021 13:00	490.1	0.0	16.6	35.1	2.8	62.7
	5/05/2021 14:00	490.0	0.0	14.3	45.9	2.4	357.3
	5/05/2021 15:00	489.6	0.0	14.2	47.3	2.8	292.4
	5/05/2021 16:00	489.4	0.0	14.4	47.8	1.5	95.0
	5/05/2021 17:00	489.7	0.0	12.6	54.0	2.4	61.7
	5/05/2021 18:00	490.5	0.0	10.8	60.4	1.9	66.3
	5/05/2021 19:00	490.9	0.0	9.6	65.9	2.8	65.4
	5/05/2021 20:00	491.4	0.0	9.1	67.0	1.8	20.8
	5/05/2021 21:00	491.6	0.0	7.9	71.1	1.5	354.0
	5/05/2021 22:00	491.8	0.0	7.0	74.0	1.1	310.3
	5/05/2021 23:00	491.7	0.0	6.0	77.4	1.2	288.7
	6/05/2021 00:00	491.5	0.0	5.2	79.0	1.3	268.8
	6/05/2021 01:00	491.3	0.0	5.1	79.0	1.3	276.8
	6/05/2021 02:00	491.2	0.0	5.4	77.9	0.7	285.0
	6/05/2021 03:00	491.0	0.0	5.6	77.7	0.4	295.8
	6/05/2021 04:00	490.7	0.0	5.4	78.4	0.8	350.0
	6/05/2021 05:00	490.9	0.0	5.1	79.6	1.8	267.7
	6/05/2021 06:00	491.3	0.0	5.3	78.8	0.7	267.0
	6/05/2021 07:00	491.4	0.0	6.1	77.2	1.0	283.8
	6/05/2021 08:00	491.7	0.0	7.8	72.1	0.8	267.0
	6/05/2021 09:00	491.8	0.0	9.3	66.4	0.5	127.0
	6/05/2021 10:00	491.5	0.0	10.9	62.7	0.5	11.5
6	6/05/2021 11:00	491.0	0.0	12.4	58.9	1.3	86.5
	6/05/2021 12:00	490.6	0.0	13.0	57.8	2.8	100.8
	6/05/2021 13:00	490.0	0.0	14.0	52.3	1.8	99.3
	6/05/2021 14:00	489.4	0.0	14.7	49.6	2.0	58.6
	6/05/2021 15:00	489.1	0.0	14.6	52.1	2.6	81.4
	6/05/2021 16:00	489.2	0.0	12.7	55.9	2.2	79.7
	6/05/2021 17:00	489.7	0.0	11.2	64.2	2.2	50.8
	6/05/2021 18:00	490.2	0.0	10.2	68.0	1.7	70.2
	6/05/2021 19:00	490.9	0.0	9.7	68.8	1.1	69.8
	6/05/2021 20:00	491.4	0.0	9.5	69.4	1.1	41.4
	6/05/2021 21:00	491.6	0.0	9.5	70.4	0.7	13.6
	6/05/2021 22:00	491.6	0.0	9.4	72.6	0.4	354.1
	6/05/2021 23:00	491.4	0.0	9.2	74.1	1.0	292.1
	7/05/2021 00:00	491.1	0.0	9.1	75.0	0.6	310.7
	7/05/2021 01:00	490.8	0.0	9.0	74.4	0.8	323.2
	7/05/2021 02:00	490.5	0.0	8.7	76.4	0.7	285.0
	7/05/2021 03:00	490.2	0.0	8.8	71.5	1.1	49.1
	7/05/2021 04:00	490.3	0.0	8.1	75.2	1.3	265.2
	7/05/2021 05:00	490.4	0.0	7.6	78.0	1.6	288.0
	7/05/2021 06:00	490.8	0.0	7.4	76.2	1.2	67.6
	7/05/2021 07:00	491.2	0.0	8.6	70.2	0.9	342.4
	7/05/2021 08:00	491.4	0.0	9.3	68.6	2.0	280.4
	7/05/2021 09:00	491.4	0.0	11.3	59.7	1.0	340.4
	7/05/2021 10:00	491.3	0.0	12.1	58.0	2.2	107.2
7	7/05/2021 11:00	491.0	0.0	11.9	58.3	2.2	73.1
	7/05/2021 12:00	490.4	0.0	13.5	51.4	2.3	56.5
	7/05/2021 13:00	490.0	0.0	14.2	47.5	2.4	99.5
	7/05/2021 14:00	489.4	0.0	14.5	47.2	2.7	105.3
	7/05/2021 15:00	489.0	0.0	14.7	47.9	2.1	84.4
	7/05/2021 16:00	489.1	0.0	12.3	58.1	2.9	53.7
	7/05/2021 17:00	489.5	0.0	10.6	66.4	2.3	59.0
	7/05/2021 18:00	490.1	0.0	9.6	70.7	2.2	25.3

	7/05/2021 19:00	490.6	0.0	9.6	70.5	0.7	43.1
	7/05/2021 20:00	491.1	0.0	9.6	69.3	0.5	19.8
	7/05/2021 21:00	491.4	0.0	9.5	69.6	1.2	282.5
	7/05/2021 22:00	491.4	0.0	9.1	71.9	1.7	280.7
	7/05/2021 23:00	491.4	0.0	8.4	74.0	1.6	277.5
	8/05/2021 00:00	491.2	0.0	7.8	75.7	1.2	283.5
	8/05/2021 01:00	490.9	0.0	7.2	77.3	0.8	281.8
	8/05/2021 02:00	490.7	0.0	6.7	78.6	1.0	284.2
	8/05/2021 03:00	490.6	0.0	6.3	78.9	1.2	269.7
	8/05/2021 04:00	490.7	0.0	6.3	79.2	0.8	277.2
	8/05/2021 05:00	490.9	0.0	6.2	80.9	1.4	276.8
	8/05/2021 06:00	491.2	0.0	6.3	80.5	0.8	277.9
	8/05/2021 07:00	491.6	0.0	7.0	78.8	0.6	273.8
	8/05/2021 08:00	491.9	0.0	8.2	75.0	0.7	273.1
	8/05/2021 09:00	492.0	0.0	9.3	70.4	0.5	159.5
	8/05/2021 10:00	491.9	0.0	9.5	73.2	1.0	210.0
8	8/05/2021 11:00	491.5	0.0	10.5	70.6	1.4	205.2
	8/05/2021 12:00	490.9	0.0	11.9	61.7	1.5	67.2
	8/05/2021 13:00	490.4	0.0	12.2	59.3	2.7	39.7
	8/05/2021 14:00	490.0	0.0	13.0	55.3	2.4	24.8
	8/05/2021 15:00	489.7	0.0	13.4	49.1	1.8	17.7
	8/05/2021 16:00	489.7	0.0	12.0	57.1	2.0	36.6
	8/05/2021 17:00	490.0	0.0	10.4	67.3	2.1	43.9
	8/05/2021 18:00	490.6	0.0	9.2	71.2	1.4	70.3
	8/05/2021 19:00	491.1	0.0	8.9	70.6	1.6	69.3
	8/05/2021 20:00	491.4	0.0	7.7	74.2	1.2	281.0
	8/05/2021 21:00	491.7	0.0	6.9	76.2	1.3	273.2
	8/05/2021 22:00	491.7	0.0	6.7	77.3	1.4	266.9
	8/05/2021 23:00	491.6	0.0	6.8	76.8	1.0	275.3
	9/05/2021 00:00	491.4	0.0	6.7	77.4	1.0	282.3
	9/05/2021 01:00	491.1	0.0	5.6	79.0	1.4	285.9
	9/05/2021 02:00	490.9	0.0	4.5	80.1	0.8	283.1
	9/05/2021 03:00	490.8	0.0	3.8	81.1	1.0	275.7
	9/05/2021 04:00	490.9	0.0	3.0	81.1	1.0	274.9
	9/05/2021 05:00	491.1	0.0	2.8	81.1	1.0	292.9
	9/05/2021 06:00	491.5	0.0	3.2	80.5	1.0	293.2
	9/05/2021 07:00	491.9	0.0	4.0	78.5	0.6	291.9
	9/05/2021 08:00	492.1	0.0	5.8	73.1	0.7	276.8
	9/05/2021 09:00	492.1	0.0	7.9	64.6	1.1	163.6
	9/05/2021 10:00	491.9	0.0	10.2	55.4	1.3	150.0
9	9/05/2021 11:00	491.4	0.0	11.9	51.1	1.6	173.7
	9/05/2021 12:00	490.9	0.0	13.2	42.0	3.3	145.0
	9/05/2021 13:00	490.3	0.0	14.1	38.8	2.7	128.0
	9/05/2021 14:00	489.8	0.0	14.3	43.4	2.6	69.0
	9/05/2021 15:00	489.6	0.0	13.7	45.2	2.5	61.9
	9/05/2021 16:00	489.7	0.0	11.9	52.8	2.0	52.0
	9/05/2021 17:00	490.1	0.0	9.9	63.5	2.8	45.1
	9/05/2021 18:00	490.6	0.0	8.9	66.7	2.0	46.0
	9/05/2021 19:00	491.1	0.0	8.4	68.5	1.4	54.2
	9/05/2021 20:00	491.6	0.0	8.0	69.8	1.0	58.0
	9/05/2021 21:00	491.8	0.0	7.4	68.7	0.9	68.3
	9/05/2021 22:00	491.9	0.0	6.9	69.9	1.0	43.6
	9/05/2021 23:00	491.8	0.0	6.4	70.1	1.2	355.1
	10/05/2021 00:00	491.6	0.0	5.3	71.0	2.1	18.7
	10/05/2021 01:00	491.3	0.0	5.5	71.7	0.7	354.1
	10/05/2021 02:00	491.0	0.0	5.3	73.7	0.8	142.7
	10/05/2021 03:00	490.9	0.0	4.7	75.5	1.2	124.3
	10/05/2021 04:00	490.9	0.0	3.9	77.8	1.0	105.8
	10/05/2021 05:00	491.0	0.0	3.2	78.9	0.8	117.1
	10/05/2021 06:00	491.4	0.0	2.8	76.7	0.6	46.5
	10/05/2021 07:00	491.9	0.0	2.9	78.9	0.6	179.4
	10/05/2021 08:00	492.0	0.0	5.7	69.5	0.7	139.3
	10/05/2021 09:00	491.9	0.0	8.8	59.3	0.8	152.3
	10/05/2021 10:00	491.3	0.0	11.5	47.5	1.2	140.5
10	10/05/2021 11:00	490.9	0.0	14.2	34.5	1.9	73.6
	10/05/2021 12:00	490.4	0.0	14.4	37.1	2.8	101.0
	10/05/2021 13:00	490.0	0.0	14.5	41.7	2.8	126.3
	10/05/2021 14:00	489.6	0.0	14.5	44.8	2.6	95.7
	10/05/2021 15:00	489.4	0.0	13.6	48.1	2.4	101.1
	10/05/2021 16:00	489.6	0.0	11.8	54.3	2.3	52.3
	10/05/2021 17:00	490.0	0.0	10.4	61.8	2.1	76.6
	10/05/2021 18:00	490.4	0.0	9.2	66.3	1.6	63.9
	10/05/2021 19:00	491.0	0.0	8.8	67.5	1.0	56.2
	10/05/2021 20:00	491.3	0.0	8.5	68.6	1.0	52.9
	10/05/2021 21:00	491.6	0.0	8.3	68.5	1.8	66.2
	10/05/2021 22:00	491.6	0.0	8.2	68.3	1.3	77.3
	10/05/2021 23:00	491.5	0.0	7.4	69.8	2.0	24.7
	11/05/2021 00:00	491.5	0.0	6.3	71.3	1.8	25.7
	11/05/2021 01:00	491.2	0.0	5.3	72.5	2.2	21.3
	11/05/2021 02:00	491.0	0.0	4.7	75.2	0.9	341.0
	11/05/2021 03:00	490.9	0.0	3.8	78.7	1.2	298.2
	11/05/2021 04:00	490.9	0.0	3.2	78.7	1.4	299.2
	11/05/2021 05:00	491.1	0.0	3.2	79.1	1.3	278.9
	11/05/2021 06:00	491.4	0.0	3.2	78.7	1.5	275.6
	11/05/2021 07:00	491.9	0.0	3.9	77.9	1.3	273.5
	11/05/2021 08:00	492.1	0.0	5.8	73.6	0.6	291.2
	11/05/2021 09:00	492.0	0.0	7.7	66.8	0.6	88.9
	11/05/2021 10:00	491.5	0.0	10.5	55.7	0.9	144.2
11	11/05/2021 11:00	490.8	0.0	13.3	41.0	2.2	136.5
	11/05/2021 12:00	490.3	0.0	14.1	39.6	3.3	153.0
	11/05/2021 13:00	489.6	0.0	15.5	37.3	2.2	47.5
	11/05/2021 14:00	489.2	0.0	15.3	38.0	2.6	66.8
	11/05/2021 15:00	489.1	0.0	13.9	44.5	3.1	32.9
	11/05/2021 16:00	489.1	0.0	12.1	48.0	2.5	40.8
	11/05/2021 17:00	489.4	0.0	10.7	54.6	2.0	35.0

11/05/2021 18:00	489.6	0.0	9.7	57.2	1.0	4.4
11/05/2021 19:00	490.1	0.0	8.9	65.3	0.8	335.1
11/05/2021 20:00	490.6	0.0	7.4	70.2	2.4	7.3
11/05/2021 21:00	490.7	0.0	6.6	73.4	1.5	321.4
11/05/2021 22:00	491.0	0.0	5.6	77.1	1.4	285.9
11/05/2021 23:00	491.1	0.0	4.7	79.3	1.0	282.7
12/05/2021 00:00	491.2	0.0	4.0	81.7	1.2	286.2
12/05/2021 01:00	491.3	0.0	3.5	83.4	1.4	282.0
12/05/2021 02:00	491.0	0.0	3.7	82.6	0.9	292.1
12/05/2021 03:00	490.8	0.0	3.6	82.1	0.7	299.7
12/05/2021 04:00	490.7	0.0	3.5	78.7	1.1	344.5
12/05/2021 05:00	490.9	0.0	2.8	84.0	0.9	290.6
12/05/2021 06:00	491.2	0.0	2.5	84.4	0.8	293.6
12/05/2021 07:00	491.5	0.0	2.7	82.3	0.4	177.4
12/05/2021 08:00	491.6	0.0	5.1	73.1	0.7	100.1
12/05/2021 09:00	491.5	0.0	8.1	63.7	0.6	104.9
12/05/2021 10:00	491.3	0.0	10.5	56.8	1.0	170.9
12/05/2021 11:00	490.8	0.0	12.4	52.0	1.6	287.9
12/05/2021 12:00	490.3	0.0	13.5	49.2	1.4	12.6
12/05/2021 13:00	490.0	0.0	13.4	51.8	2.8	83.2
12/05/2021 14:00	489.6	0.0	13.9	52.6	2.4	70.8
12/05/2021 15:00	489.3	0.0	13.9	52.1	2.2	77.3
12/05/2021 16:00	489.3	0.0	12.5	56.7	1.9	36.8
12/05/2021 17:00	489.5	0.0	11.3	61.4	1.8	35.4
12/05/2021 18:00	489.9	0.0	10.0	68.6	1.5	36.2
12/05/2021 19:00	490.3	0.0	9.2	72.6	1.1	16.3
12/05/2021 20:00	490.9	0.0	9.2	73.1	1.0	338.6
12/05/2021 21:00	491.2	0.0	8.9	73.5	0.8	0.4
12/05/2021 22:00	491.4	0.0	8.6	73.2	1.5	311.9
12/05/2021 23:00	491.3	0.0	8.4	74.7	1.1	273.0
13/05/2021 00:00	491.0	0.0	7.9	77.9	1.1	281.1
13/05/2021 01:00	490.7	0.0	7.2	81.7	1.0	283.1
13/05/2021 02:00	490.5	0.0	7.0	83.6	0.8	286.7
13/05/2021 03:00	490.3	0.3	6.8	86.0	0.6	280.0
13/05/2021 04:00	490.3	0.6	6.7	86.2	1.1	281.1
13/05/2021 05:00	490.5	0.6	6.5	88.2	0.3	286.0
13/05/2021 06:00	490.7	0.0	6.6	87.4	0.3	285.1
13/05/2021 07:00	491.1	0.0	7.2	82.2	0.1	97.2
13/05/2021 08:00	491.4	0.0	8.2	77.7	0.6	285.4
13/05/2021 09:00	491.4	0.0	9.4	71.0	0.5	155.0
13/05/2021 10:00	491.3	0.3	10.0	69.3	0.6	208.1
13/05/2021 11:00	491.0	0.3	10.6	67.5	1.3	285.2
13/05/2021 12:00	490.5	0.0	11.7	63.0	2.4	295.1
13/05/2021 13:00	489.9	0.0	12.2	63.9	2.3	280.9
13/05/2021 14:00	489.8	0.9	10.9	70.5	1.9	64.5
13/05/2021 15:00	489.4	0.0	11.8	67.2	1.4	129.7
13/05/2021 16:00	489.4	0.0	11.9	69.0	1.9	49.7
13/05/2021 17:00	489.6	0.0	10.7	74.0	2.0	88.1
13/05/2021 18:00	490.0	0.0	10.0	74.8	1.6	87.0
13/05/2021 19:00	490.4	0.0	9.5	76.1	0.9	73.9
13/05/2021 20:00	490.7	0.0	8.8	78.5	0.9	328.9
13/05/2021 21:00	490.8	0.0	8.5	79.0	1.0	289.0
13/05/2021 22:00	491.0	0.0	8.3	79.8	0.4	301.9
13/05/2021 23:00	491.0	0.0	8.4	78.6	0.7	282.2
14/05/2021 00:00	490.9	0.0	7.9	78.5	1.0	283.8
14/05/2021 01:00	490.7	0.0	7.6	78.8	0.7	274.7
14/05/2021 02:00	490.5	0.0	7.4	78.8	1.0	282.7
14/05/2021 03:00	490.3	0.0	7.3	79.7	0.3	248.2
14/05/2021 04:00	490.3	0.0	7.1	79.8	0.4	42.1
14/05/2021 05:00	490.4	0.0	7.1	79.7	1.1	19.6
14/05/2021 06:00	490.7	0.0	7.0	80.8	0.7	107.9
14/05/2021 07:00	491.1	0.0	7.2	80.3	0.6	148.2
14/05/2021 08:00	491.4	0.0	8.3	75.9	0.2	194.0
14/05/2021 09:00	491.5	0.0	9.6	71.1	0.6	153.6
14/05/2021 10:00	491.3	0.0	11.0	62.7	0.4	197.7
14/05/2021 11:00	490.9	0.0	12.6	56.0	0.9	281.0
14/05/2021 12:00	490.4	0.0	14.0	51.7	0.8	303.6
14/05/2021 13:00	489.7	0.0	14.9	50.7	2.2	78.1
14/05/2021 14:00	489.1	0.0	14.8	50.7	1.5	69.8
14/05/2021 15:00	488.8	0.0	14.7	52.8	2.3	47.3
14/05/2021 16:00	488.7	0.0	13.6	58.3	2.5	60.9
14/05/2021 17:00	489.2	0.0	11.5	66.7	2.7	73.2
14/05/2021 18:00	489.7	0.0	10.6	71.1	1.7	72.9
14/05/2021 19:00	490.4	2.9	9.9	74.6	1.6	109.6
14/05/2021 20:00	491.1	1.5	9.1	68.0	1.7	76.7
14/05/2021 21:00	491.1	0.0	8.0	71.2	0.9	316.8
14/05/2021 22:00	491.4	0.0	7.2	72.8	1.1	29.8
14/05/2021 23:00	491.4	0.0	6.7	73.8	1.1	22.5
15/05/2021 00:00	491.3	0.0	6.7	76.0	0.6	69.7
15/05/2021 01:00	491.0	0.0	6.4	77.7	0.8	121.5
15/05/2021 02:00	490.7	0.0	5.8	79.3	0.9	53.1
15/05/2021 03:00	490.7	0.0	5.1	82.2	0.8	125.6
15/05/2021 04:00	490.8	0.0	4.8	82.7	0.9	137.0
15/05/2021 05:00	490.8	0.0	4.4	84.3	0.8	122.5
15/05/2021 06:00	491.2	0.0	3.9	86.2	0.8	137.2
15/05/2021 07:00	491.6	0.0	3.8	86.8	0.2	292.8
15/05/2021 08:00	492.0	0.0	6.6	75.6	0.6	50.5
15/05/2021 09:00	491.8	0.0	9.5	61.6	0.8	144.2
15/05/2021 10:00	491.4	0.0	11.7	54.7	1.1	121.9
15/05/2021 11:00	490.8	0.0	13.7	42.2	1.5	140.0
15/05/2021 12:00	490.1	0.0	15.5	36.9	1.5	146.5
15/05/2021 13:00	489.4	0.0	16.5	35.8	1.3	68.7
15/05/2021 14:00	488.9	0.0	16.3	42.4	2.9	52.1
15/05/2021 15:00	489.0	0.0	13.9	50.2	3.2	75.8
15/05/2021 16:00	489.3	0.0	11.7	61.4	2.1	69.5

15/05/2021 17:00	490.0	0.0	10.8	64.2	1.8	54.4
15/05/2021 18:00	490.7	0.0	9.5	69.4	1.5	257.4
15/05/2021 19:00	491.7	2.0	6.4	80.5	1.9	255.6
15/05/2021 20:00	492.1	4.6	4.7	87.7	2.2	273.8
15/05/2021 21:00	492.3	2.1	4.8	87.1	0.8	275.3
15/05/2021 22:00	492.2	0.0	4.9	86.2	0.4	315.1
15/05/2021 23:00	492.1	0.0	5.4	84.7	0.6	288.6
16/05/2021 00:00	492.1	0.0	5.3	85.3	1.0	286.4
16/05/2021 01:00	491.7	0.0	5.2	85.4	1.6	281.1
16/05/2021 02:00	491.4	0.0	5.4	80.3	1.3	327.2
16/05/2021 03:00	491.1	0.0	5.0	82.1	1.5	281.5
16/05/2021 04:00	491.1	0.0	4.9	81.7	1.4	290.4
16/05/2021 05:00	491.3	0.0	4.3	82.5	2.0	283.4
16/05/2021 06:00	491.7	0.0	3.9	82.9	1.5	307.1
16/05/2021 07:00	492.2	0.0	3.8	82.2	0.8	281.5
16/05/2021 08:00	492.6	0.0	3.9	80.6	1.6	279.6
16/05/2021 09:00	492.8	0.0	5.2	75.7	0.8	205.0
16/05/2021 10:00	492.5	0.0	7.3	70.1	1.1	141.1
16/05/2021 11:00	491.8	0.0	10.1	64.0	1.1	172.7
16/05/2021 12:00	491.0	0.0	12.7	56.2	1.4	165.4
16/05/2021 13:00	490.1	0.0	15.5	39.6	1.1	178.5
16/05/2021 14:00	489.4	0.0	15.9	37.9	0.9	355.5
16/05/2021 15:00	489.3	1.3	13.9	53.5	2.3	53.2
16/05/2021 16:00	489.3	0.0	12.9	54.7	1.4	52.7
16/05/2021 17:00	489.8	0.0	11.4	62.6	2.5	84.2
16/05/2021 18:00	490.3	0.0	9.9	64.4	1.8	66.1
16/05/2021 19:00	490.8	0.0	9.3	65.4	1.5	22.6
16/05/2021 20:00	491.4	0.0	8.0	67.9	1.4	10.7
16/05/2021 21:00	491.7	0.0	7.1	69.2	1.1	359.9
16/05/2021 22:00	491.9	0.0	6.2	74.8	0.3	322.1
16/05/2021 23:00	491.9	0.0	5.6	77.8	1.1	282.6
17/05/2021 00:00	491.7	0.0	5.1	78.8	0.6	301.9
17/05/2021 01:00	491.5	0.0	4.4	80.4	1.1	287.6
17/05/2021 02:00	491.4	0.0	3.6	81.8	1.0	290.3
17/05/2021 03:00	491.2	0.0	3.0	83.0	1.1	285.1
17/05/2021 04:00	491.1	0.0	2.3	84.1	1.1	286.2
17/05/2021 05:00	491.3	0.0	1.7	85.2	1.3	288.6
17/05/2021 06:00	491.6	0.0	1.4	85.1	1.1	284.9
17/05/2021 07:00	492.0	0.0	1.5	84.5	1.0	286.3
17/05/2021 08:00	492.3	0.0	5.0	73.2	0.4	260.8
17/05/2021 09:00	492.1	0.0	8.0	62.6	0.6	131.8
17/05/2021 10:00	491.6	0.0	11.0	55.1	1.0	117.7
17/05/2021 11:00	491.1	0.0	13.4	47.3	1.4	144.5
17/05/2021 12:00	490.4	0.0	14.7	44.0	1.6	46.2
17/05/2021 13:00	489.9	0.0	14.9	48.2	2.6	72.2
17/05/2021 14:00	489.6	0.0	13.5	54.9	2.4	47.9
17/05/2021 15:00	489.8	0.0	12.3	52.4	2.6	347.8
17/05/2021 16:00	490.0	0.0	10.7	57.5	2.9	358.6
17/05/2021 17:00	490.2	0.0	10.2	60.6	1.2	314.9
17/05/2021 18:00	490.5	0.0	9.3	64.9	2.2	56.0
17/05/2021 19:00	491.0	0.0	8.5	71.5	1.5	64.6
17/05/2021 20:00	491.6	0.0	7.8	75.0	1.2	60.7
17/05/2021 21:00	491.9	0.0	6.6	77.4	1.9	276.5
17/05/2021 22:00	492.0	0.0	6.4	78.4	1.5	275.1
17/05/2021 23:00	492.0	0.0	6.4	78.0	0.8	281.7
18/05/2021 00:00	491.8	0.0	6.5	79.0	0.7	281.2
18/05/2021 01:00	491.4	0.0	6.2	77.9	0.7	289.3
18/05/2021 02:00	491.1	0.0	5.9	80.1	0.8	281.2
18/05/2021 03:00	491.0	0.0	5.9	79.7	0.6	269.1
18/05/2021 04:00	491.1	0.0	6.0	78.9	0.2	334.4
18/05/2021 05:00	491.2	0.0	5.8	78.7	0.3	295.8
18/05/2021 06:00	491.6	0.0	5.5	78.3	0.7	301.5
18/05/2021 07:00	492.0	0.0	5.9	75.8	0.9	290.1
18/05/2021 08:00	492.2	0.0	7.5	71.0	0.5	271.4
18/05/2021 09:00	492.1	0.0	9.2	66.0	0.5	181.0
18/05/2021 10:00	491.8	0.0	10.9	57.7	0.9	152.4
18/05/2021 11:00	491.3	0.0	12.7	52.4	0.7	177.4
18/05/2021 12:00	490.8	0.0	13.2	51.9	1.7	31.8
18/05/2021 13:00	490.1	0.0	13.6	49.4	1.2	41.8
18/05/2021 14:00	489.5	0.0	14.4	45.6	1.8	9.6
18/05/2021 15:00	489.3	0.0	14.2	49.7	2.4	41.4
18/05/2021 16:00	489.3	0.0	12.5	58.3	2.1	51.6
18/05/2021 17:00	489.8	0.0	10.9	65.2	2.2	65.6
18/05/2021 18:00	490.4	0.0	9.5	69.8	2.4	98.1
18/05/2021 19:00	490.9	0.0	9.0	71.9	2.0	87.0
18/05/2021 20:00	491.2	0.0	9.0	71.3	0.9	70.0
18/05/2021 21:00	491.4	0.0	8.9	72.8	1.3	100.8
18/05/2021 22:00	491.4	0.0	8.8	74.1	1.1	34.3
18/05/2021 23:00	491.4	0.0	8.8	73.4	1.0	4.6
19/05/2021 00:00	491.3	0.0	8.8	74.0	0.6	76.8
19/05/2021 01:00	491.3	3.0	6.9	82.8	2.3	284.2
19/05/2021 02:00	491.2	0.5	5.8	85.6	1.9	278.1
19/05/2021 03:00	491.0	2.1	5.6	85.8	0.3	301.2
19/05/2021 04:00	490.8	0.0	5.6	84.9	0.4	274.4
19/05/2021 05:00	490.8	0.0	5.8	84.9	0.4	272.5
19/05/2021 06:00	491.0	0.0	5.9	83.6	0.2	46.6
19/05/2021 07:00	491.2	0.0	6.1	82.6	0.7	290.3
19/05/2021 08:00	491.5	0.0	7.5	76.0	0.5	160.4
19/05/2021 09:00	491.6	0.0	8.7	71.7	0.7	173.1
19/05/2021 10:00	491.3	0.0	10.2	66.8	0.8	224.7
19/05/2021 11:00	490.8	0.0	12.2	60.1	1.3	291.2
19/05/2021 12:00	490.0	0.0	14.1	51.5	1.0	312.2
19/05/2021 13:00	489.4	0.0	15.2	50.9	2.1	59.0
19/05/2021 14:00	488.9	2.1	14.6	54.1	2.5	17.2
19/05/2021 15:00	489.2	16.0	9.0	73.4	2.2	35.7

	19/05/2021 16:00	489.1	0.0	10.2	70.2	1.9	356.3
	19/05/2021 17:00	489.2	0.0	10.1	72.4	1.4	69.1
	19/05/2021 18:00	489.6	0.0	9.6	73.6	1.3	67.8
	19/05/2021 19:00	490.1	0.0	9.1	75.1	1.3	51.0
	19/05/2021 20:00	490.4	0.0	8.4	78.1	1.1	293.7
	19/05/2021 21:00	490.6	0.0	7.6	78.8	0.8	143.9
	19/05/2021 22:00	490.7	0.0	6.7	80.7	1.3	309.6
	19/05/2021 23:00	490.6	0.0	5.9	83.0	0.9	304.3
	20/05/2021 00:00	490.6	0.0	5.4	82.5	1.0	302.3
	20/05/2021 01:00	490.4	0.0	5.0	79.7	1.3	301.5
	20/05/2021 02:00	490.2	0.0	4.8	79.6	1.5	280.2
	20/05/2021 03:00	490.3	0.0	4.6	81.6	1.9	282.0
	20/05/2021 04:00	490.4	0.0	4.1	82.8	1.6	284.9
	20/05/2021 05:00	490.8	0.0	3.7	81.0	1.5	281.5
	20/05/2021 06:00	491.1	0.0	3.2	83.3	1.6	278.1
	20/05/2021 07:00	491.4	0.0	3.2	81.9	1.5	282.8
	20/05/2021 08:00	491.8	0.0	4.5	76.7	1.0	238.9
	20/05/2021 09:00	491.8	0.0	7.0	69.2	0.8	161.7
	20/05/2021 10:00	491.3	0.0	8.8	65.8	1.2	137.6
20	20/05/2021 11:00	490.7	0.0	11.8	58.8	1.0	154.9
	20/05/2021 12:00	489.9	0.0	15.1	49.1	0.9	38.9
	20/05/2021 13:00	489.1	0.0	16.5	42.9	1.7	21.9
	20/05/2021 14:00	488.6	0.0	15.9	48.1	2.4	68.0
	20/05/2021 15:00	488.5	10.7	13.7	60.4	3.3	105.2
	20/05/2021 16:00	488.7	4.1	11.6	69.4	2.7	65.7
	20/05/2021 17:00	489.0	0.0	11.0	72.4	2.2	72.3
	20/05/2021 18:00	489.5	0.0	9.9	75.8	1.5	77.3
	20/05/2021 19:00	490.1	0.0	9.6	76.3	1.1	104.6
	20/05/2021 20:00	490.4	0.0	9.5	76.3	1.1	88.1
	20/05/2021 21:00	490.5	0.0	9.2	77.2	0.8	52.5
	20/05/2021 22:00	490.6	0.0	8.3	78.9	1.7	304.6
	20/05/2021 23:00	490.6	0.0	8.0	78.4	1.2	306.1
	21/05/2021 00:00	490.5	0.0	7.7	77.6	0.9	299.1
	21/05/2021 01:00	490.3	0.0	6.9	77.9	0.9	288.1
	21/05/2021 02:00	490.1	0.0	6.4	77.1	0.9	296.8
	21/05/2021 03:00	490.1	0.0	5.9	76.0	1.3	297.6
	21/05/2021 04:00	490.3	0.0	5.3	74.0	1.1	295.6
	21/05/2021 05:00	490.5	0.0	5.2	72.1	0.9	298.2
	21/05/2021 06:00	490.8	0.0	4.9	71.4	1.3	295.6
	21/05/2021 07:00	491.1	0.0	5.0	71.9	1.1	287.0
	21/05/2021 08:00	491.4	0.0	7.2	68.0	0.7	282.9
	21/05/2021 09:00	491.2	0.0	9.4	66.2	1.5	144.8
	21/05/2021 10:00	490.7	0.0	11.6	60.8	1.6	140.2
21	21/05/2021 11:00	490.0	0.0	14.5	46.1	1.1	173.6
	21/05/2021 12:00	489.3	0.0	16.0	38.8	1.0	129.9
	21/05/2021 13:00	488.9	0.0	16.1	48.7	1.9	71.7
	21/05/2021 14:00	488.5	0.0	15.9	53.4	2.7	76.3
	21/05/2021 15:00	488.2	0.0	14.6	57.5	2.4	88.0
	21/05/2021 16:00	488.4	0.0	12.6	63.1	2.5	79.0
	21/05/2021 17:00	489.0	0.0	11.4	67.2	1.8	52.5
	21/05/2021 18:00	489.5	0.0	10.7	70.8	1.4	73.1
	21/05/2021 19:00	490.0	0.0	10.2	72.6	1.1	57.0
	21/05/2021 20:00	490.2	0.0	9.7	73.3	1.0	67.3
	21/05/2021 21:00	490.5	0.0	8.8	76.0	1.4	82.8
	21/05/2021 22:00	490.7	0.0	8.4	77.1	0.9	1.8
	21/05/2021 23:00	490.6	0.0	8.4	77.2	1.5	21.3
	22/05/2021 00:00	490.4	0.0	8.2	78.5	0.6	314.6
	22/05/2021 01:00	490.3	0.0	7.8	79.5	0.5	287.9
	22/05/2021 02:00	490.0	0.0	7.2	80.2	1.0	5.8
	22/05/2021 03:00	490.0	0.0	6.7	79.3	1.2	12.9
	22/05/2021 04:00	490.1	0.0	6.2	81.4	0.6	345.7
	22/05/2021 05:00	490.2	0.0	5.6	85.0	0.4	292.8
	22/05/2021 06:00	490.5	0.0	5.4	85.4	0.9	291.1
	22/05/2021 07:00	490.9	0.0	6.0	83.0	1.0	282.0
	22/05/2021 08:00	491.2	0.0	7.3	78.7	0.8	170.5
	22/05/2021 09:00	491.3	0.0	8.5	74.9	0.9	44.2
	22/05/2021 10:00	491.1	0.0	11.7	62.2	0.7	57.7
22	22/05/2021 11:00	490.6	0.0	14.2	49.8	1.9	124.3
	22/05/2021 12:00	490.0	0.0	16.1	44.2	1.4	24.6
	22/05/2021 13:00	489.3	0.0	16.7	41.5	2.0	38.2
	22/05/2021 14:00	488.6	0.0	15.6	46.2	2.5	54.0
	22/05/2021 15:00	488.5	0.0	14.6	52.3	2.7	84.0
	22/05/2021 16:00	489.1	0.0	11.8	63.9	2.4	44.9
	22/05/2021 17:00	489.7	0.0	11.3	67.5	1.2	48.3
	22/05/2021 18:00	489.4	0.0	11.0	68.9	1.2	11.9
	22/05/2021 19:00	489.8	0.0	10.2	70.0	2.6	77.7
	22/05/2021 20:00	490.7	0.0	9.2	73.8	1.7	358.4
	22/05/2021 21:00	491.1	0.0	8.1	75.0	0.8	314.7
	22/05/2021 22:00	491.2	0.0	6.9	76.4	1.6	328.9
	22/05/2021 23:00	491.3	0.0	5.6	78.2	1.6	275.6
	23/05/2021 00:00	491.2	0.0	5.1	79.0	0.7	306.5
	23/05/2021 01:00	491.1	0.0	4.3	80.8	1.3	292.0
	23/05/2021 02:00	491.0	0.0	3.8	81.7	1.0	287.1
	23/05/2021 03:00	490.8	0.0	3.4	82.3	0.8	299.2
	23/05/2021 04:00	490.7	0.0	3.3	81.8	0.8	17.3
	23/05/2021 05:00	490.7	0.0	3.2	79.8	0.9	11.3
	23/05/2021 06:00	491.1	0.0	2.6	82.0	1.2	286.6
	23/05/2021 07:00	491.6	0.0	2.5	82.0	0.7	278.0
	23/05/2021 08:00	491.8	0.0	5.3	72.6	0.5	45.5
	23/05/2021 09:00	491.5	0.0	8.4	61.6	0.6	104.3
	23/05/2021 10:00	491.1	0.0	11.2	57.8	0.9	124.3
23	23/05/2021 11:00	490.7	0.0	12.7	55.1	1.4	56.5
	23/05/2021 12:00	490.2	0.0	13.2	50.1	2.8	80.3
	23/05/2021 13:00	489.5	0.0	14.1	52.1	2.5	72.7
	23/05/2021 14:00	489.0	0.0	14.3	54.2	2.7	90.8

	23/05/2021 15:00	489.0	0.0	12.0	63.4	2.5	86.0
	23/05/2021 16:00	489.6	1.1	9.5	74.0	2.5	51.3
	23/05/2021 17:00	490.0	1.4	8.2	76.8	1.3	83.5
	23/05/2021 18:00	490.4	0.0	8.2	75.6	1.4	73.5
	23/05/2021 19:00	490.8	0.0	8.1	75.8	1.2	19.7
	23/05/2021 20:00	491.2	0.0	8.3	75.3	1.1	70.9
	23/05/2021 21:00	491.4	0.0	8.1	76.3	1.0	72.8
	23/05/2021 22:00	491.5	0.0	7.6	78.0	1.2	279.6
	23/05/2021 23:00	491.4	0.0	7.4	78.2	0.6	212.3
	24/05/2021 00:00	491.3	0.0	7.0	78.8	0.9	201.3
	24/05/2021 01:00	491.0	0.0	6.8	79.6	0.7	196.7
	24/05/2021 02:00	490.7	0.0	6.7	79.8	0.6	201.3
	24/05/2021 03:00	490.6	1.1	6.4	82.3	0.5	208.6
	24/05/2021 04:00	490.6	0.6	6.1	84.8	0.4	222.9
	24/05/2021 05:00	490.8	4.3	6.0	85.7	0.3	248.9
	24/05/2021 06:00	491.3	5.9	5.3	84.5	1.1	23.5
	24/05/2021 07:00	491.7	0.0	5.2	83.3	0.5	115.8
	24/05/2021 08:00	492.0	0.0	6.1	80.6	0.7	152.5
	24/05/2021 09:00	492.1	0.0	7.5	74.2	0.8	186.6
	24/05/2021 10:00	491.8	0.3	8.4	72.3	0.5	90.9
24	24/05/2021 11:00	491.4	0.0	9.8	72.9	0.7	294.5
	24/05/2021 12:00	490.9	0.6	10.3	71.7	1.2	282.7
	24/05/2021 13:00	490.2	0.0	12.1	62.3	1.9	105.9
	24/05/2021 14:00	489.7	0.3	11.3	68.6	2.4	86.8
	24/05/2021 15:00	489.3	0.0	11.2	67.5	2.2	52.8
	24/05/2021 16:00	489.3	0.0	10.8	69.1	1.8	80.3
	24/05/2021 17:00	489.6	0.0	9.8	71.8	1.7	94.7
	24/05/2021 18:00	490.0	0.0	9.1	74.0	1.2	59.1
	24/05/2021 19:00	490.6	0.0	8.6	76.5	1.2	84.9
	24/05/2021 20:00	491.1	0.0	8.5	76.8	0.8	60.3
	24/05/2021 21:00	491.4	0.0	8.5	75.5	1.0	128.3
	24/05/2021 22:00	491.5	0.0	8.2	76.4	0.4	113.6
	24/05/2021 23:00	491.3	0.0	8.2	76.6	0.6	89.9
	25/05/2021 00:00	491.3	0.0	8.1	76.4	1.3	125.0
	25/05/2021 01:00	491.1	0.5	7.4	80.5	1.2	56.8
	25/05/2021 02:00	490.8	0.0	7.0	80.4	0.9	65.5
	25/05/2021 03:00	490.6	0.0	7.1	79.0	1.3	89.4
	25/05/2021 04:00	490.5	0.0	7.0	80.0	0.5	25.4
	25/05/2021 05:00	490.7	0.0	7.0	81.3	0.6	307.0
	25/05/2021 06:00	491.0	0.0	6.9	83.0	1.0	285.3
	25/05/2021 07:00	491.4	0.0	7.2	82.2	0.8	270.1
	25/05/2021 08:00	491.7	0.0	8.0	79.0	0.3	175.4
	25/05/2021 09:00	491.7	0.0	9.1	72.6	1.1	345.7
	25/05/2021 10:00	491.5	0.0	10.4	66.6	1.5	5.6
25	25/05/2021 11:00	491.4	0.3	10.0	71.2	2.0	33.5
	25/05/2021 12:00	490.9	0.3	11.0	66.3	2.0	66.0
	25/05/2021 13:00	490.6	1.5	9.4	72.1	2.0	67.1
	25/05/2021 14:00	490.5	0.0	8.5	76.1	2.0	16.5
	25/05/2021 15:00	490.4	0.0	8.6	73.2	2.0	32.4
	25/05/2021 16:00	490.6	0.0	8.1	74.5	1.2	45.9
	25/05/2021 17:00	491.0	0.0	7.6	76.3	1.2	34.1
	25/05/2021 18:00	491.3	0.0	7.5	76.2	0.9	68.3
	25/05/2021 19:00	491.7	0.0	7.2	78.9	0.7	49.1
	25/05/2021 20:00	492.0	0.0	7.1	79.0	0.7	87.1
	25/05/2021 21:00	492.1	0.0	7.3	76.0	0.7	79.9
	25/05/2021 22:00	492.1	0.0	7.3	76.0	1.0	78.8
	25/05/2021 23:00	492.1	0.0	6.8	77.4	1.2	81.2
	26/05/2021 00:00	492.0	0.0	6.5	76.7	0.8	82.3
	26/05/2021 01:00	491.8	0.0	6.4	78.1	1.2	257.2
	26/05/2021 02:00	491.6	0.0	6.1	81.5	0.7	294.1
	26/05/2021 03:00	491.4	0.0	5.8	81.5	0.8	274.4
	26/05/2021 04:00	491.4	0.0	5.5	80.2	1.0	283.0
	26/05/2021 05:00	491.7	0.0	4.9	83.2	0.7	275.3
	26/05/2021 06:00	492.0	0.0	4.6	85.1	0.4	277.9
	26/05/2021 07:00	492.4	0.0	5.0	82.1	0.5	276.8
	26/05/2021 08:00	492.8	0.0	7.2	72.3	0.9	285.0
	26/05/2021 09:00	493.0	0.0	9.0	63.5	0.9	248.1
	26/05/2021 10:00	492.7	0.0	11.3	53.2	1.4	1.4
26	26/05/2021 11:00	492.3	0.0	12.6	50.7	1.5	317.4
	26/05/2021 12:00	491.7	0.0	13.3	44.3	1.9	47.6
	26/05/2021 13:00	491.3	0.0	13.8	45.7	1.7	52.9
	26/05/2021 14:00	490.9	0.0	13.6	50.8	2.5	76.4
	26/05/2021 15:00	490.5	0.0	13.2	52.9	2.3	82.8
	26/05/2021 16:00	490.6	0.0	11.7	58.9	2.4	56.1
	26/05/2021 17:00	490.8	0.0	10.2	63.6	2.0	32.4
	26/05/2021 18:00	491.3	0.0	8.9	66.7	2.4	13.4
	26/05/2021 19:00	491.7	0.0	8.2	69.7	0.8	21.5
	26/05/2021 20:00	492.1	0.0	7.8	70.9	0.5	4.5
	26/05/2021 21:00	492.5	0.0	7.9	71.8	1.0	321.2
	26/05/2021 22:00	492.6	0.0	7.3	74.5	1.0	321.6
	26/05/2021 23:00	492.5	0.0	6.4	75.7	1.3	0.6
	27/05/2021 00:00	492.4	0.0	5.4	77.7	1.2	349.2
	27/05/2021 01:00	492.1	0.0	4.5	79.9	0.9	322.5
	27/05/2021 02:00	491.9	0.0	3.7	82.8	1.2	291.9
	27/05/2021 03:00	491.7	0.0	3.0	84.2	1.1	285.0
	27/05/2021 04:00	491.7	0.0	2.5	84.7	0.7	293.0
	27/05/2021 05:00	491.9	0.0	2.1	85.6	0.9	291.6
	27/05/2021 06:00	492.2	0.0	1.8	86.9	1.3	281.1
	27/05/2021 07:00	492.5	0.0	1.8	86.7	0.7	287.8
	27/05/2021 08:00	492.7	0.0	5.2	76.2	0.3	100.1
	27/05/2021 09:00	492.6	0.0	7.8	67.3	0.7	117.8
	27/05/2021 10:00	492.3	0.0	10.6	59.0	0.5	232.6
27	27/05/2021 11:00	491.7	0.0	12.6	53.0	1.1	153.8
	27/05/2021 12:00	491.0	0.0	13.7	47.9	0.4	290.7
	27/05/2021 13:00	490.3	0.0	14.4	45.4	0.8	101.4

27/05/2021 14:00	489.9	0.0	15.2	48.5	2.6	76.7
27/05/2021 15:00	489.7	0.0	14.4	52.0	1.9	77.6
27/05/2021 16:00	489.8	0.0	12.8	57.9	2.2	52.8
27/05/2021 17:00	490.0	0.0	11.0	65.0	2.1	48.4
27/05/2021 18:00	490.6	0.0	9.5	70.7	1.3	27.6
27/05/2021 19:00	490.9	0.0	9.0	72.7	1.0	348.4
27/05/2021 20:00	491.1	0.0	8.7	72.9	1.5	345.7
27/05/2021 21:00	491.4	0.0	8.7	71.9	0.8	31.4
27/05/2021 22:00	491.3	0.0	8.1	73.6	0.7	355.7
27/05/2021 23:00	491.3	0.0	7.3	76.5	0.6	25.3
28/05/2021 00:00	491.1	0.0	6.4	77.3	1.5	17.8
28/05/2021 01:00	490.9	0.0	5.7	79.1	1.6	354.5
28/05/2021 02:00	490.6	0.0	4.7	81.8	0.9	305.2
28/05/2021 03:00	490.5	0.0	4.0	83.8	0.9	296.7

	28/05/2021 04:00	490.5	0.0	3.4	85.4	0.9	288.3
	28/05/2021 05:00	490.7	0.0	2.8	87.3	0.8	289.1
	28/05/2021 06:00	491.0	0.0	2.9	85.7	1.2	285.0
	28/05/2021 07:00	491.3	0.0	3.5	83.5	1.2	284.1
	28/05/2021 08:00	491.6	0.0	4.2	82.8	1.1	267.4
	28/05/2021 09:00	491.6	0.0	5.9	77.2	0.7	238.1
	28/05/2021 10:00	491.1	0.0	9.2	65.2	0.7	233.5
28	28/05/2021 11:00	490.4	0.0	13.4	48.1	0.7	228.1
	28/05/2021 12:00	489.6	0.0	15.6	37.0	0.9	257.4
	28/05/2021 13:00	489.0	0.0	15.9	35.1	1.3	112.4
	28/05/2021 14:00	488.5	0.0	15.8	43.2	2.2	59.9
	28/05/2021 15:00	488.3	0.0	14.9	49.3	2.5	78.5
	28/05/2021 16:00	488.5	0.0	12.6	59.4	2.5	52.7
	28/05/2021 17:00	488.9	0.0	10.5	68.1	2.6	31.4
	28/05/2021 18:00	489.4	0.0	9.6	72.7	1.6	61.4
	28/05/2021 19:00	489.7	0.0	9.4	72.9	0.9	65.7
	28/05/2021 20:00	489.9	0.0	9.3	72.0	1.1	82.1
	28/05/2021 21:00	490.2	0.0	8.9	73.0	0.8	6.4
	28/05/2021 22:00	490.2	0.0	7.9	76.5	0.8	323.3
	28/05/2021 23:00	490.2	0.0	7.8	75.9	1.9	12.7
	29/05/2021 00:00	490.1	0.0	7.0	79.0	1.2	296.9
	29/05/2021 01:00	489.9	0.0	6.8	79.0	1.1	313.0
	29/05/2021 02:00	489.7	0.0	6.6	78.6	0.4	310.6
	29/05/2021 03:00	489.7	0.0	6.0	80.3	0.5	346.5
	29/05/2021 04:00	489.8	0.0	5.1	81.4	0.8	352.0
	29/05/2021 05:00	490.0	0.0	4.1	85.5	1.3	278.1
	29/05/2021 06:00	490.4	0.0	3.9	84.6	0.6	286.5
	29/05/2021 07:00	490.8	0.0	4.7	82.2	1.0	281.6
	29/05/2021 08:00	491.2	0.0	5.7	78.4	1.4	283.9
	29/05/2021 09:00	491.2	0.0	7.3	71.5	1.0	317.0
	29/05/2021 10:00	490.6	0.0	10.7	58.1	0.8	188.5
29	29/05/2021 11:00	490.0	0.0	13.8	44.7	0.9	243.4
	29/05/2021 12:00	489.2	0.0	15.7	37.8	0.9	257.6
	29/05/2021 13:00	488.7	0.0	15.6	40.0	1.8	43.8
	29/05/2021 14:00	488.1	0.0	15.7	44.0	2.1	52.6
	29/05/2021 15:00	487.8	0.0	15.1	49.3	3.0	84.6
	29/05/2021 16:00	488.0	0.0	12.9	57.3	2.4	54.0
	29/05/2021 17:00	488.5	0.0	11.1	62.3	2.1	41.2
	29/05/2021 18:00	489.1	0.0	9.7	64.3	1.5	45.2
	29/05/2021 19:00	489.4	0.0	8.9	63.1	1.4	14.5
	29/05/2021 20:00	489.8	0.0	7.9	65.3	1.2	10.5
	29/05/2021 21:00	490.2	0.0	7.0	68.8	1.3	342.5
	29/05/2021 22:00	490.5	0.0	5.8	73.8	1.5	292.1
	29/05/2021 23:00	490.7	0.0	5.2	76.6	0.4	268.6
	30/05/2021 00:00	490.7	0.0	5.4	77.7	1.1	283.2
	30/05/2021 01:00	490.7	0.0	5.6	77.8	0.8	273.8
	30/05/2021 02:00	490.4	0.0	6.0	77.0	0.2	292.6
	30/05/2021 03:00	490.2	0.0	6.2	76.6	0.6	319.3
	30/05/2021 04:00	490.3	0.0	5.8	78.5	1.2	279.3
	30/05/2021 05:00	490.5	0.0	5.8	78.9	0.4	285.7
	30/05/2021 06:00	490.8	0.0	5.9	78.7	0.5	334.3
	30/05/2021 07:00	491.2	0.0	6.3	78.5	1.1	281.9
	30/05/2021 08:00	491.6	0.0	8.3	71.2	1.0	290.3
	30/05/2021 09:00	491.4	0.0	10.7	54.4	0.7	287.0
	30/05/2021 10:00	490.9	0.0	12.4	46.8	0.9	299.9
	30/05/2021 11:00	490.5	0.0	13.4	43.3	0.8	193.6
	30/05/2021 12:00	490.0	0.0	13.7	44.2	0.6	87.5
	30/05/2021 13:00	489.5	0.0	15.4	43.5	1.6	53.8
	30/05/2021 14:00	489.0	0.0	15.2	47.5	2.5	39.9
	30/05/2021 15:00	488.8	0.0	14.4	53.2	2.6	56.5
	30/05/2021 16:00	489.1	0.0	12.3	60.8	2.8	71.7
	30/05/2021 17:00	489.7	0.0	11.1	65.0	2.5	75.0
	30/05/2021 18:00	490.1	0.0	10.0	68.9	2.3	90.4
	30/05/2021 19:00	490.7	0.0	9.4	71.9	1.6	70.5
	30/05/2021 20:00	491.0	0.0	9.2	72.8	1.6	22.3
	30/05/2021 21:00	491.2	0.0	9.2	72.7	0.9	354.3
	30/05/2021 22:00	491.3	0.0	9.0	73.7	1.2	75.2
	30/05/2021 23:00	491.2	0.0	8.6	75.9	1.5	289.9
	31/05/2021 00:00	491.1	0.0	8.3	76.9	1.4	290.2
	31/05/2021 01:00	490.9	0.0	8.5	76.4	0.4	347.0
	31/05/2021 02:00	490.9	0.0	8.6	75.7	1.0	307.9
	31/05/2021 03:00	490.8	0.0	8.6	73.4	1.3	40.2
	31/05/2021 04:00	490.7	0.0	8.2	73.7	0.8	10.7
	31/05/2021 05:00	490.8	0.0	7.4	74.8	1.6	10.8
	31/05/2021 06:00	491.1	0.0	6.8	75.3	1.9	6.3
	31/05/2021 07:00	491.6	0.0	7.4	74.6	0.9	328.3
	31/05/2021 08:00	492.0	0.0	8.1	74.3	1.0	276.7
	31/05/2021 09:00	492.0	0.0	9.6	67.0	1.2	287.0
	31/05/2021 10:00	491.8	0.0	11.2	59.3	0.8	180.3
30	31/05/2021 11:00	491.2	0.0	13.2	51.4	0.6	275.8
	31/05/2021 12:00	490.7	0.0	14.2	49.0	1.2	17.4
	31/05/2021 13:00	490.3	0.0	14.8	49.4	2.0	76.8
	31/05/2021 14:00	489.9	0.0	14.1	53.7	2.8	67.9
	31/05/2021 15:00	489.7	0.0	13.2	56.5	2.4	74.1
	31/05/2021 16:00	489.8	0.0	12.3	60.1	2.0	56.3
	31/05/2021 17:00	490.4	0.0	10.8	65.9	2.4	75.9
	31/05/2021 18:00	490.8	0.0	10.1	67.4	1.5	66.2
	31/05/2021 19:00	491.1	0.0	9.9	70.9	1.7	93.0
	31/05/2021 20:00	491.4	0.0	9.7	70.5	1.0	39.2
	31/05/2021 21:00	491.8	0.0	9.3	71.8	1.3	40.4
	31/05/2021 22:00	491.8	0.0	9.1	72.7	0.9	305.5
	31/05/2021 23:00	491.8	0.0	8.8	74.1	1.1	314.2

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en junio de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica
DATOS DEL EQUIPO			
EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	6.34	7.68	6.89	6.68	6.65	6.81	6.97	6.84	6.79	7.00	7.15	6.97	6.76	7.41	7.31	6.79	6.76	7.02	6.76	6.89	6.97	7.26	7.10	6.60	7.36	6.73	6.76	7.28	7.15	7.13
01:00	7.23	7.65	6.97	6.60	6.60	6.50	6.86	6.47	6.94	7.18	6.84	6.84	6.63	7.00	6.60	6.58	6.76	6.86	6.76	6.76	6.71	6.76	6.76	6.63	6.63	6.71	6.68	6.86	7.05	7.15
02:00	7.36	7.05	7.10	6.81	6.79	6.68	6.86	6.76	6.76	6.97	6.76	6.63	6.71	6.86	6.71	6.60	6.73	6.50	6.60	7.00	6.55	6.79	6.92	6.92	6.94	7.07	6.60	7.23	7.13	7.15
03:00	6.94	7.13	7.00	6.86	6.73	6.86	7.00	6.76	6.94	6.81	6.76	6.73	6.58	6.97	6.60	6.84	6.76	6.84	6.73	7.18	6.63	7.13	7.00	7.05	6.89	7.00	6.73	7.02	6.94	7.02
04:00	6.76	6.60	7.31	6.86	6.60	6.71	7.18	6.79	7.31	6.65	6.76	6.50	7.13	7.20	7.02	6.86	6.86	7.36	6.52	7.31	6.73	7.13	7.07	7.13	6.89	6.89	6.89	7.10	7.20	6.97
05:00	6.65	7.34	7.13	6.94	7.28	6.60	6.86	6.68	8.99	6.81	6.58	6.68	7.10	6.86	6.86	6.86	6.73	6.97	6.58	6.89	7.28	7.49	7.13	8.99	6.55	6.76	6.68	7.26	6.79	7.07
06:00	6.55	7.26	7.36	7.55	7.65	6.86	7.07	6.60	14.88	7.07	6.47	6.97	7.34	6.92	7.00	6.68	6.76	7.34	6.86	6.89	7.81	7.65	7.81	10.17	7.41	6.68	7.07	7.00	7.41	8.02
07:00	6.65	7.20	7.81	7.73	7.02	6.86	7.60	7.31	13.83	7.36	6.79	6.86	7.18	6.73	6.60	7.20	6.73	7.81	7.00	7.00	7.86	7.76	7.76	9.27	7.55	6.89	7.28	7.15	7.49	7.83
08:00	6.71	7.05	7.55	6.86	6.76	6.94	7.00	6.86	11.50	6.94	6.76	7.00	6.79	6.76	7.00	7.28	7.00	7.47	7.52	7.34	7.23	7.00	7.07	8.31	7.28	7.39	7.00	7.41	7.13	7.20
09:00	6.45	7.28	7.55	7.34	6.63	6.50	6.92	6.60	8.91	7.10	6.92	7.00	6.97	6.92	6.86	6.89	6.89	7.39	6.84	7.57	7.00	6.86	6.86	7.23	7.15	6.89	7.20	7.10	7.20	7.13
10:00	6.37	7.57	7.28	7.20	6.60	6.84	6.81	6.89	7.86	7.23	7.10	6.71	7.28	7.47	7.10	6.89	6.92	7.20	6.97	8.54	7.07	6.76	7.26	7.05	7.10	6.76	7.02	7.36	7.41	7.28
11:00	6.52	6.97	6.68	6.94	6.94	6.71	7.07	6.97	7.28	7.07	6.76	6.89	6.92	7.41	7.62	6.84	6.86	7.07	6.86	8.59	6.94	7.05	7.15	7.26	7.44	7.00	6.89	7.20	7.39	7.36
12:00	6.60	6.89	7.05	6.73	7.52	6.86	6.76	6.92	7.23	7.13	7.00	6.86	7.18	7.00	6.92	6.81	7.00	7.07	6.92	7.73	7.15	7.31	7.13	7.07	7.52	7.13	6.86	7.13	7.13	7.52
13:00	6.60	6.60	6.60	6.76	7.00	6.55	6.86	6.50	6.97	7.20	7.05	7.20	6.68	6.97	6.76	6.76	7.05	6.97	6.81	7.39	6.86	6.76	6.92	6.94	7.26	6.84	7.13	7.07	6.94	7.13
14:00	6.71	6.60	6.50	6.92	6.76	6.76	6.60	6.47	6.84	6.76	6.79	7.05	6.79	6.89	6.60	6.50	6.58	7.00	6.71	7.28	6.76	6.52	6.68	6.81	7.00	6.81	7.10	6.89	7.05	7.28
15:00	6.47	7.00	7.00	6.58	6.76	7.02	6.60	6.55	7.02	6.31	6.60	6.89	6.50	6.63	6.71	6.50	6.79	6.76	6.94	6.86	6.86	6.65	6.73	6.84	6.94	6.79	7.00	6.92	7.02	7.41
16:00	6.60	6.94	6.89	6.60	6.55	7.18	6.86	6.76	6.79	6.79	6.79	6.63	6.76	6.89	6.65	6.71	6.71	6.68	7.26	6.86	6.97	6.76	6.86	6.76	6.92	6.76	7.20	6.84	7.02	7.26
17:00	6.65	6.63	7.00	6.92	6.60	12.63	6.79	6.68	6.76	6.76	6.79	6.71	7.15	6.58	6.79	6.86	6.63	7.23	6.81	6.76	6.79	6.73	6.65	7.02	6.86	6.73	6.86	7.05	7.10	6.81
18:00	6.60	6.68	6.81	6.60	6.55	7.49	6.50	6.86	6.86	6.76	6.68	6.79	6.86	6.60	6.94	6.71	6.92	7.00	6.84	7.07	6.73	6.76	7.00	6.84	6.94	6.89	7.02	7.00	7.13	7.10
19:00	6.45	6.73	6.52	6.52	7.07	6.45	6.63	6.92	6.86	6.63	6.86	7.23	6.50	6.92	6.97	6.68	6.76	6.79	7.65	6.76	7.02	6.86	7.39	6.97	7.00	6.92	7.31	6.97	7.52	6.94
20:00	6.63	6.60	7.05	6.65	6.76	6.73	6.86	7.23	6.86	6.65	6.68	6.84	6.58	6.79	6.89	6.84	6.92	6.76	7.28	6.89	6.73	6.76	7.02	7.00	6.97	6.60	7.13	7.13	7.15	7.00
21:00	6.31	7.18	7.57	6.86	6.86	7.02	6.89	6.76	6.65	6.76	6.63	6.92	6.81	8.96	6.84	6.63	6.79	6.68	7.41	7.15	6.76	6.86	6.65	7.31	6.97	6.89	7.36	6.97	7.20	7.26
22:00	6.52	6.76	7.10	6.52	6.81	6.97	6.86	7.07	6.50	6.73	6.68	6.97	6.65	7.28	6.76	6.94	7.00	7.91	6.84	7.36	6.86	6.89	6.84	7.13	6.73	6.86	7.91	7.18	7.26	7.13
23:00	7.07	6.47	7.05	6.86	6.71	6.92	6.76	7.28	6.76	7.36	6.89	6.63	7.57	7.13	7.00	7.05	6.86	7.36	6.81	6.86	7.02	6.94	7.13	6.94	6.84	6.73	7.28	7.13	7.05	7.00
Promedio de SO_2 en 24 h	**6.7**	**7.0**	**7.1**	**6.9**	**6.8**	**7.1**	**6.9**	**6.8**	**7.9**	**6.9**	**6.8**	**6.9**	**6.9**	**7.0**	**6.9**	**6.8**	**6.8**	**7.1**	**6.9**	**7.2**	**7.0**	**7.0**	**7.0**	**7.3**	**7.0**	**6.9**	**7.0**	**7.1**	**7.2**	**7.2**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																													

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en junio de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** No aplica

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	6.77	7.09	6.71	6.94	6.68	6.78	6.95	6.82	7.05	6.75	7.08	6.85	6.79	7.21	7.24	6.85	6.92	6.96	7.34	6.85	7.06	7.05	6.98	6.86	7.14	6.77	6.78	7.49	7.15	7.15
01:00	6.91	7.47	6.78	6.78	6.70	6.67	6.92	6.69	7.00	6.98	7.12	6.90	6.67	7.33	7.01	6.79	6.86	6.91	6.96	6.82	6.85	7.01	6.93	6.79	6.98	6.76	6.72	7.14	7.11	7.11
02:00	6.98	7.46	6.99	6.70	6.68	6.66	6.90	6.69	6.83	7.05	6.92	6.81	6.70	7.09	6.87	6.66	6.75	6.79	6.71	6.88	6.74	6.94	6.93	6.72	6.98	6.84	6.68	7.12	7.11	7.14
03:00	7.18	7.28	7.02	6.76	6.71	6.68	6.91	6.66	6.88	6.99	6.79	6.73	6.64	6.94	6.64	6.67	6.75	6.73	6.70	6.98	6.63	6.89	6.89	6.87	6.82	6.93	6.67	7.04	7.04	7.11
04:00	7.02	6.93	7.14	6.84	6.71	6.75	7.01	6.77	7.00	6.81	6.76	6.62	6.81	7.01	6.78	6.77	6.78	6.90	6.62	7.16	6.64	7.02	7.00	7.03	6.91	6.99	6.74	7.12	7.09	7.05
05:00	6.78	7.02	7.15	6.89	6.87	6.72	7.01	6.74	7.75	6.76	6.70	6.64	6.94	7.01	6.83	6.85	6.78	7.06	6.61	7.13	6.88	7.25	7.07	7.72	6.78	6.88	6.77	7.13	6.98	7.02
06:00	6.65	7.07	7.27	7.12	7.18	6.72	7.04	6.69	10.39	6.84	6.60	6.72	7.19	6.99	6.96	6.80	6.78	7.22	6.65	7.03	7.27	7.42	7.34	8.76	6.95	6.78	6.88	7.12	7.13	7.35
07:00	6.62	7.27	7.43	7.41	7.32	6.77	7.18	6.86	12.57	7.08	6.61	6.84	7.21	6.84	6.82	6.91	6.74	7.37	6.81	6.93	7.65	7.63	7.57	9.48	7.17	6.78	7.01	7.14	7.23	7.64
08:00	6.64	7.17	7.57	7.38	7.14	6.89	7.22	6.92	13.40	7.12	6.67	6.94	7.10	6.80	6.87	7.05	6.83	7.54	7.13	7.08	7.63	7.47	7.55	9.25	7.41	6.99	7.12	7.19	7.34	7.68
09:00	6.60	7.18	7.64	7.31	6.80	6.77	7.17	6.92	11.41	7.13	6.82	6.95	6.98	6.80	6.82	7.12	6.87	7.56	7.12	7.30	7.36	7.21	7.23	8.27	7.33	7.06	7.16	7.22	7.27	7.39
10:00	6.51	7.30	7.46	7.13	6.66	6.76	6.91	6.78	9.42	7.09	6.93	6.90	7.01	7.05	6.99	7.02	6.94	7.35	7.11	7.82	7.10	6.87	7.06	7.53	7.18	7.01	7.07	7.29	7.25	7.20
11:00	6.45	7.27	7.17	7.16	6.72	6.68	6.93	6.82	8.02	7.13	6.93	6.87	7.06	7.27	7.19	6.87	6.89	7.22	6.89	8.23	7.00	6.89	7.09	7.18	7.23	6.88	7.04	7.22	7.33	7.26
12:00	6.50	7.14	7.00	6.96	7.02	6.80	6.88	6.93	7.46	7.14	6.95	6.82	7.13	7.29	7.21	6.85	6.93	7.11	6.92	8.29	7.05	7.04	7.18	7.13	7.35	6.96	6.92	7.23	7.31	7.39
13:00	6.57	6.82	6.78	6.81	7.15	6.71	6.90	6.80	7.16	7.13	6.94	6.98	6.93	7.13	7.10	6.80	6.97	7.04	6.86	7.90	6.98	7.04	7.07	7.09	7.41	6.99	6.96	7.13	7.15	7.34
14:00	6.64	6.70	6.72	6.80	7.09	6.72	6.74	6.63	7.01	7.03	6.95	7.04	6.88	6.95	6.76	6.69	6.88	7.01	6.81	7.47	6.92	6.86	6.91	6.94	7.26	6.93	7.03	7.03	7.04	7.31
15:00	6.59	6.73	6.70	6.75	6.84	6.78	6.69	6.51	6.94	6.76	6.81	7.05	6.66	6.83	6.69	6.59	6.81	6.91	6.82	7.18	6.83	6.64	6.78	6.86	7.07	6.81	7.08	6.96	7.00	7.27
16:00	6.59	6.85	6.80	6.70	6.69	6.99	6.69	6.59	6.88	6.62	6.73	6.86	6.68	6.80	6.65	6.57	6.69	6.81	6.97	7.00	6.86	6.64	6.76	6.80	6.95	6.79	7.10	6.88	7.03	7.32
17:00	6.57	6.86	6.96	6.70	6.64	8.94	6.75	6.66	6.86	6.62	6.73	6.74	6.80	6.70	6.72	6.69	6.71	6.89	7.00	6.83	6.87	6.71	6.75	6.87	6.91	6.76	7.02	6.94	7.05	7.16
18:00	6.62	6.75	6.90	6.71	6.57	9.10	6.72	6.77	6.80	6.77	6.75	6.71	6.92	6.69	6.79	6.76	6.75	6.97	6.97	6.90	6.83	6.75	6.84	6.87	6.91	6.79	7.03	6.96	7.08	7.06
19:00	6.57	6.68	6.78	6.68	6.74	8.86	6.64	6.82	6.83	6.72	6.78	6.91	6.84	6.70	6.90	6.75	6.77	7.01	7.10	6.86	6.85	6.78	7.01	6.94	6.93	6.85	7.06	7.01	7.25	6.95
20:00	6.56	6.67	6.79	6.59	6.79	6.89	6.66	7.00	6.86	6.68	6.74	6.95	6.65	6.77	6.93	6.74	6.87	6.85	7.26	6.91	6.83	6.79	7.14	6.94	6.97	6.80	7.15	7.03	7.27	7.01
21:00	6.46	6.84	7.05	6.68	6.90	6.73	6.79	6.97	6.79	6.68	6.72	7.00	6.63	7.56	6.90	6.72	6.82	6.74	7.45	6.93	6.84	6.83	7.02	7.09	6.98	6.80	7.27	7.02	7.29	7.07
22:00	6.49	6.85	7.24	6.68	6.81	6.91	6.87	7.02	6.67	6.71	6.66	6.91	6.68	7.68	6.83	6.80	6.90	7.12	7.18	7.13	6.78	6.84	6.84	7.15	6.89	6.78	7.47	7.09	7.20	7.13
23:00	6.63	6.80	7.24	6.75	6.79	6.97	6.84	7.04	6.64	6.95	6.73	6.84	7.01	7.79	6.87	6.87	6.88	7.32	7.02	7.12	6.88	6.90	6.87	7.13	6.85	6.83	7.52	7.09	7.17	7.13

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en junio de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/06/2021 00:00	491.8	0.0	8.8	74.0	0.7	7.2
	1/06/2021 01:00	491.4	0.0	8.6	76.0	1.1	283.9
	1/06/2021 02:00	491.0	0.0	8.2	77.4	1.1	279.8
	1/06/2021 03:00	490.8	0.0	7.9	78.3	0.5	238.5
	1/06/2021 04:00	490.8	0.0	7.0	78.7	0.6	37.3
	1/06/2021 05:00	491.1	0.0	6.3	77.5	0.9	322.6
	1/06/2021 06:00	491.5	0.0	5.7	77.8	0.5	356.6
	1/06/2021 07:00	491.8	0.0	5.4	78.1	0.8	29.9
	1/06/2021 08:00	491.9	0.0	7.4	74.6	0.7	122.4
	1/06/2021 09:00	491.8	0.0	10.4	64.0	0.9	96.1
	1/06/2021 10:00	491.4	0.0	12.8	51.7	1.1	150.9
	1/06/2021 11:00	490.7	0.0	14.7	43.7	1.3	129.6
1	1/06/2021 12:00	489.9	0.0	16.6	39.6	1.1	128.9
	1/06/2021 13:00	489.2	0.0	18.0	36.7	1.1	154.9
	1/06/2021 14:00	488.5	0.0	18.5	34.5	1.5	130.2
	1/06/2021 15:00	488.3	0.0	17.7	34.0	2.3	42.1
	1/06/2021 16:00	488.4	0.0	16.0	42.1	2.2	73.5
	1/06/2021 17:00	488.7	0.0	14.0	50.9	2.0	56.7
	1/06/2021 18:00	489.3	0.0	12.3	60.4	2.7	84.7
	1/06/2021 19:00	489.7	0.0	10.8	69.3	2.8	63.8
	1/06/2021 20:00	490.1	0.0	9.5	74.7	3.1	29.8
	1/06/2021 21:00	490.5	0.0	9.1	71.8	2.4	46.0
	1/06/2021 22:00	490.6	0.0	8.5	72.6	2.5	18.1
	1/06/2021 23:00	490.5	0.0	8.4	72.5	1.9	21.0
	2/06/2021 00:00	490.5	0.0	7.7	75.0	2.2	17.3
	2/06/2021 01:00	490.2	0.0	6.6	77.8	2.6	19.6
	2/06/2021 02:00	490.1	0.0	6.2	78.3	1.9	25.2
	2/06/2021 03:00	490.0	0.0	6.5	75.9	1.3	345.0
	2/06/2021 04:00	490.1	0.0	6.1	78.1	1.1	3.1
	2/06/2021 05:00	490.4	0.0	5.7	78.9	0.8	313.7
	2/06/2021 06:00	490.6	0.0	5.0	81.6	1.0	291.3
	2/06/2021 07:00	490.8	0.0	5.3	81.6	1.1	280.4
	2/06/2021 08:00	490.9	0.0	7.2	73.9	0.5	271.8
	2/06/2021 09:00	490.8	0.0	9.9	62.6	0.9	133.4
	2/06/2021 10:00	490.3	0.0	12.7	55.9	0.8	145.7
2	2/06/2021 11:00	489.8	0.0	14.8	48.5	0.9	125.3
	2/06/2021 12:00	489.2	0.0	16.7	41.0	1.2	64.5
	2/06/2021 13:00	488.6	0.0	17.9	35.8	1.8	43.0
	2/06/2021 14:00	488.4	0.0	15.2	46.9	3.0	63.2
	2/06/2021 15:00	488.4	0.0	14.5	49.9	1.9	60.5
	2/06/2021 16:00	488.7	0.0	12.7	60.3	2.2	86.2
	2/06/2021 17:00	489.2	0.0	10.8	68.4	2.4	63.7
	2/06/2021 18:00	489.7	0.0	10.5	69.4	1.7	53.7
	2/06/2021 19:00	490.1	0.0	10.2	70.2	1.6	64.1
	2/06/2021 20:00	490.6	0.0	10.2	70.3	1.1	69.7
	2/06/2021 21:00	490.8	0.0	9.8	72.0	2.2	90.5
	2/06/2021 22:00	490.9	0.0	8.9	74.3	1.9	57.3
	2/06/2021 23:00	490.9	0.0	8.8	73.0	0.6	65.8
	3/06/2021 00:00	490.8	0.0	8.6	74.3	1.1	328.5
	3/06/2021 01:00	490.5	0.0	7.9	75.7	1.2	11.1
	3/06/2021 02:00	490.2	0.0	6.9	76.2	2.2	10.2
	3/06/2021 03:00	490.2	0.0	6.5	79.1	1.2	293.3
	3/06/2021 04:00	490.3	0.0	6.2	79.8	1.0	281.8
	3/06/2021 05:00	490.5	0.0	6.0	80.2	0.8	289.5
	3/06/2021 06:00	490.9	0.0	5.8	80.8	0.8	312.4
	3/06/2021 07:00	491.3	0.0	6.0	80.2	0.6	305.1
	3/06/2021 08:00	491.5	0.0	8.1	74.0	0.5	91.5
	3/06/2021 09:00	491.3	0.0	10.4	66.9	1.1	118.6
	3/06/2021 10:00	490.7	0.0	13.1	52.8	1.2	169.6
3	3/06/2021 11:00	490.2	0.0	15.1	42.7	0.6	240.1
	3/06/2021 12:00	489.6	0.0	16.2	40.9	1.9	18.4
	3/06/2021 13:00	489.1	0.0	16.0	43.6	2.4	52.5
	3/06/2021 14:00	488.9	0.0	14.1	52.0	2.7	66.7
	3/06/2021 15:00	488.8	0.0	13.1	55.7	2.3	79.8
	3/06/2021 16:00	489.0	0.0	12.1	60.8	2.2	74.9
	3/06/2021 17:00	489.4	0.0	10.7	65.1	1.8	67.7
	3/06/2021 18:00	489.8	0.0	9.8	68.0	1.5	87.4
	3/06/2021 19:00	490.4	0.0	9.3	68.7	1.2	53.5

	3/06/2021 20:00	490.8	0.0	9.1	69.2	0.8	70.8
	3/06/2021 21:00	491.1	0.0	9.0	69.5	1.4	19.2
	3/06/2021 22:00	491.3	0.0	8.4	71.4	1.0	7.3
	3/06/2021 23:00	491.2	0.0	7.9	72.9	0.7	340.0
	4/06/2021 00:00	491.0	0.0	6.9	74.0	1.6	5.0
	4/06/2021 01:00	490.8	0.0	6.0	77.9	1.1	301.5
	4/06/2021 02:00	490.5	0.0	5.2	77.8	1.1	331.1
	4/06/2021 03:00	490.4	0.0	4.3	81.2	1.1	288.1
	4/06/2021 04:00	490.5	0.0	3.9	81.5	1.0	291.0
	4/06/2021 05:00	490.7	0.0	3.7	81.9	0.9	294.6
	4/06/2021 06:00	491.1	0.0	4.1	80.8	1.0	304.8
	4/06/2021 07:00	491.4	0.0	4.7	78.7	0.7	300.3
	4/06/2021 08:00	491.7	0.0	6.3	73.3	0.4	14.8
	4/06/2021 09:00	491.9	0.0	8.1	67.1	0.4	319.4
	4/06/2021 10:00	491.5	0.0	10.3	60.1	0.8	139.5
4	4/06/2021 11:00	490.8	0.0	13.1	50.6	1.0	145.0
	4/06/2021 12:00	490.3	0.0	13.4	48.0	0.7	147.1
	4/06/2021 13:00	489.7	0.0	13.9	50.2	1.3	58.9
	4/06/2021 14:00	489.2	0.0	14.6	49.1	1.9	39.8
	4/06/2021 15:00	488.9	0.0	13.8	54.8	2.9	32.1
	4/06/2021 16:00	489.2	0.0	12.0	63.4	2.9	81.4
	4/06/2021 17:00	489.7	0.0	11.1	67.3	2.3	75.9
	4/06/2021 18:00	490.1	0.0	10.1	70.8	1.9	64.7
	4/06/2021 19:00	490.6	0.0	9.7	70.9	1.9	63.9
	4/06/2021 20:00	490.9	0.0	9.3	68.0	1.1	7.4
	4/06/2021 21:00	491.1	0.0	8.5	74.2	1.3	20.4
	4/06/2021 22:00	491.3	0.0	8.3	75.0	1.0	29.2
	4/06/2021 23:00	491.0	0.0	8.0	76.3	1.0	294.6
	5/06/2021 00:00	490.9	0.0	7.0	77.8	1.1	348.2
	5/06/2021 01:00	490.5	0.0	6.6	77.7	1.1	7.6
	5/06/2021 02:00	490.2	0.0	6.2	79.6	0.9	323.7
	5/06/2021 03:00	490.2	0.0	5.4	81.1	0.8	0.6
	5/06/2021 04:00	490.3	0.0	5.0	79.6	0.6	19.0
	5/06/2021 05:00	490.5	0.0	4.4	82.9	0.3	79.7
	5/06/2021 06:00	490.8	0.0	4.2	82.6	1.1	280.5
	5/06/2021 07:00	491.2	0.0	5.3	78.6	0.9	271.7
	5/06/2021 08:00	491.6	0.0	6.5	76.0	0.8	347.4
	5/06/2021 09:00	491.6	0.0	8.4	69.5	0.7	271.0
	5/06/2021 10:00	491.1	0.0	11.6	57.5	0.6	270.6
5	5/06/2021 11:00	490.5	0.0	13.7	46.5	0.8	277.3
	5/06/2021 12:00	489.7	0.0	14.4	47.1	0.7	283.8
	5/06/2021 13:00	488.9	0.0	15.4	44.9	1.7	117.8
	5/06/2021 14:00	488.4	0.0	15.4	47.7	2.7	119.3
	5/06/2021 15:00	488.4	0.0	14.5	55.1	3.4	96.2
	5/06/2021 16:00	488.7	0.0	12.2	63.5	2.5	93.6
	5/06/2021 17:00	489.1	0.0	11.1	68.0	1.8	71.4
	5/06/2021 18:00	489.4	0.8	10.0	75.1	1.9	46.1
	5/06/2021 19:00	489.9	0.0	9.5	76.8	1.5	296.3
	5/06/2021 20:00	490.3	0.0	8.1	77.8	1.8	279.7
	5/06/2021 21:00	490.4	0.0	8.0	78.0	0.8	280.5
	5/06/2021 22:00	490.4	0.0	8.0	77.9	0.8	295.2
	5/06/2021 23:00	490.4	0.0	7.8	78.8	0.7	288.2
	6/06/2021 00:00	490.3	0.0	7.6	79.5	0.3	269.4
	6/06/2021 01:00	490.2	0.0	7.7	79.5	0.3	313.6
	6/06/2021 02:00	490.0	0.0	7.6	80.0	0.7	301.5
	6/06/2021 03:00	489.8	0.0	7.3	80.5	1.2	284.0
	6/06/2021 04:00	489.9	0.0	7.2	79.9	1.0	273.5
	6/06/2021 05:00	490.1	0.0	7.0	80.7	0.8	286.1
	6/06/2021 06:00	490.4	0.0	6.9	78.5	0.8	285.1
	6/06/2021 07:00	490.9	0.0	7.3	76.7	0.4	275.9
	6/06/2021 08:00	491.1	0.0	8.9	70.5	0.4	225.5
	6/06/2021 09:00	490.9	0.0	10.6	62.4	0.6	288.4
	6/06/2021 10:00	490.6	0.0	12.5	54.4	0.8	69.4
6	6/06/2021 11:00	490.4	0.0	12.3	58.9	2.0	56.2
	6/06/2021 12:00	490.1	0.8	12.0	59.9	1.6	53.0
	6/06/2021 13:00	490.0	0.6	10.8	62.4	2.1	63.7
	6/06/2021 14:00	489.3	0.0	12.5	51.5	1.8	20.4
	6/06/2021 15:00	488.8	0.0	13.7	48.0	1.6	9.4
	6/06/2021 16:00	488.7	0.0	12.8	53.4	1.6	32.4
	6/06/2021 17:00	489.0	0.0	10.8	66.4	2.7	90.2
	6/06/2021 18:00	489.6	0.0	9.7	70.0	2.1	88.7
	6/06/2021 19:00	490.0	0.0	9.3	71.4	1.9	74.9
	6/06/2021 20:00	490.3	0.0	9.2	71.8	1.8	22.2
	6/06/2021 21:00	490.6	0.0	9.2	71.4	1.4	352.7
	6/06/2021 22:00	490.7	0.0	8.9	73.1	0.9	342.1
	6/06/2021 23:00	490.6	0.0	8.4	73.1	0.6	290.1
	7/06/2021 00:00	490.6	0.0	7.6	75.0	1.4	293.2
	7/06/2021 01:00	490.5	0.0	7.2	70.1	0.9	283.4
	7/06/2021 02:00	490.1	0.0	6.8	72.5	0.4	292.9
	7/06/2021 03:00	490.1	0.0	5.8	69.9	1.5	301.6
	7/06/2021 04:00	490.3	0.0	5.1	74.0	1.0	287.8
	7/06/2021 05:00	490.4	0.0	4.3	75.2	1.1	299.4
	7/06/2021 06:00	490.6	0.0	3.7	75.9	0.8	300.4
	7/06/2021 07:00	490.8	0.0	4.0	74.5	0.4	278.4
	7/06/2021 08:00	491.1	0.0	6.2	69.7	0.5	116.3
	7/06/2021 09:00	491.2	0.0	8.4	63.6	1.0	104.3
	7/06/2021 10:00	491.1	0.0	9.2	59.2	0.7	61.3
7	7/06/2021 11:00	490.7	0.0	11.8	51.5	0.8	159.2
	7/06/2021 12:00	490.0	0.0	13.4	49.2	0.8	186.0
	7/06/2021 13:00	489.4	0.0	14.4	47.0	1.2	344.1
	7/06/2021 14:00	488.7	0.0	14.1	51.5	2.3	33.4
	7/06/2021 15:00	488.5	0.0	13.1	58.3	1.8	48.9
	7/06/2021 16:00	488.7	0.3	11.8	63.6	2.0	72.2
	7/06/2021 17:00	488.9	0.0	10.9	65.3	2.0	62.5
	7/06/2021 18:00	489.4	0.0	10.1	71.3	2.3	88.2

	7/06/2021 19:00	489.8	0.0	9.7	71.5	1.1	33.4
	7/06/2021 20:00	490.2	0.0	9.2	73.8	0.7	276.0
	7/06/2021 21:00	490.6	0.0	8.7	74.6	0.8	317.7
	7/06/2021 22:00	490.7	0.0	8.5	70.2	0.9	286.4
	7/06/2021 23:00	490.8	0.0	8.2	64.5	0.8	217.9
	8/06/2021 00:00	490.8	0.0	7.9	54.2	0.5	198.8
	8/06/2021 01:00	490.6	0.0	7.3	54.4	0.5	207.9
	8/06/2021 02:00	490.4	0.0	6.6	55.5	0.4	237.1
	8/06/2021 03:00	490.3	0.0	5.8	61.0	0.7	290.3
	8/06/2021 04:00	490.4	0.0	4.9	67.3	1.1	288.7
	8/06/2021 05:00	490.6	0.0	3.8	73.6	0.8	296.7
	8/06/2021 06:00	490.7	0.0	3.4	73.7	1.0	277.7
	8/06/2021 07:00	491.1	0.0	3.9	68.9	1.0	283.5
	8/06/2021 08:00	491.6	0.0	4.5	70.1	1.5	275.0
	8/06/2021 09:00	491.8	0.0	6.5	62.1	0.6	251.6
	8/06/2021 10:00	491.6	0.0	8.7	48.5	0.5	195.1
8	8/06/2021 11:00	491.3	0.0	10.7	44.4	0.5	171.0
	8/06/2021 12:00	490.8	0.0	12.6	49.8	0.7	222.5
	8/06/2021 13:00	490.3	0.0	12.6	55.7	1.7	50.1
	8/06/2021 14:00	489.9	0.0	12.6	58.4	1.8	73.7
	8/06/2021 15:00	489.4	0.0	12.9	56.6	1.7	82.2
	8/06/2021 16:00	489.3	0.0	12.1	59.5	2.0	84.3
	8/06/2021 17:00	489.6	0.0	10.6	64.6	2.1	82.2
	8/06/2021 18:00	490.0	0.0	10.0	66.7	2.0	89.9
	8/06/2021 19:00	490.2	0.0	9.7	67.9	1.5	35.1
	8/06/2021 20:00	490.8	0.0	8.8	70.6	1.7	10.9
	8/06/2021 21:00	491.0	0.0	8.6	72.0	1.0	345.4
	8/06/2021 22:00	491.1	0.0	7.9	76.7	0.4	293.3
	8/06/2021 23:00	491.1	0.0	7.3	77.6	0.5	323.1
	9/06/2021 00:00	491.1	0.0	6.5	78.2	1.4	325.1
	9/06/2021 01:00	491.1	0.0	5.4	81.4	0.9	280.1
	9/06/2021 02:00	490.9	0.0	4.7	80.5	0.9	283.2
	9/06/2021 03:00	490.8	0.0	4.1	83.5	1.2	291.8
	9/06/2021 04:00	490.7	0.0	3.5	84.8	1.0	288.0
	9/06/2021 05:00	490.9	0.0	2.9	85.5	0.9	286.1
	9/06/2021 06:00	491.1	0.0	2.8	84.9	1.1	280.6
	9/06/2021 07:00	491.5	0.0	3.0	82.4	0.8	289.3
	9/06/2021 08:00	491.8	0.0	5.2	74.9	0.6	131.4
	9/06/2021 09:00	491.9	0.0	7.9	62.7	0.8	129.8
	9/06/2021 10:00	491.4	0.0	10.7	56.0	1.0	132.6
9	9/06/2021 11:00	490.8	0.0	13.2	48.3	1.0	281.5
	9/06/2021 12:00	490.2	0.0	14.2	44.0	0.8	327.2
	9/06/2021 13:00	489.6	0.0	14.9	41.7	1.5	13.6
	9/06/2021 14:00	489.0	0.0	14.6	47.5	1.9	46.5
	9/06/2021 15:00	488.6	0.0	14.6	50.5	2.2	56.2
	9/06/2021 16:00	488.8	0.0	12.8	60.6	2.4	73.4
	9/06/2021 17:00	489.3	0.0	10.6	68.8	2.5	77.3
	9/06/2021 18:00	489.8	0.0	9.6	71.6	1.7	63.5
	9/06/2021 19:00	490.4	0.0	9.1	73.0	1.5	75.1
	9/06/2021 20:00	490.9	0.0	8.5	73.6	2.2	54.1
	9/06/2021 21:00	491.2	0.0	7.7	75.4	1.7	21.7
	9/06/2021 22:00	491.5	0.0	6.5	77.4	2.1	11.1
	9/06/2021 23:00	491.6	0.0	5.6	76.7	1.8	4.9
	10/06/2021 00:00	491.6	0.0	5.2	74.3	1.1	335.5
	10/06/2021 01:00	491.4	0.0	4.4	70.6	1.1	306.9
	10/06/2021 02:00	491.2	0.0	3.8	70.2	1.2	303.3
	10/06/2021 03:00	491.0	0.0	3.2	71.7	1.3	315.9
	10/06/2021 04:00	491.1	0.0	2.8	74.0	1.1	318.3
	10/06/2021 05:00	491.4	0.0	2.4	73.9	1.1	303.0
	10/06/2021 06:00	491.7	0.0	2.1	74.3	1.1	301.9
	10/06/2021 07:00	492.0	0.0	2.4	75.6	0.6	298.0
	10/06/2021 08:00	492.4	0.0	4.6	72.2	0.3	119.0
	10/06/2021 09:00	492.1	0.0	7.5	60.5	0.5	162.8
	10/06/2021 10:00	491.6	0.0	10.9	47.9	0.8	153.0
10	10/06/2021 11:00	490.9	0.0	13.2	40.9	1.4	140.7
	10/06/2021 12:00	490.1	0.0	15.9	36.8	1.3	291.6
	10/06/2021 13:00	489.4	0.0	17.3	34.7	1.9	11.6
	10/06/2021 14:00	488.9	0.0	16.9	40.0	2.7	43.2
	10/06/2021 15:00	488.8	0.0	15.5	46.6	2.8	60.3
	10/06/2021 16:00	488.9	0.0	13.3	54.9	2.0	77.0
	10/06/2021 17:00	489.4	0.0	11.3	63.7	2.7	32.1
	10/06/2021 18:00	490.0	0.0	10.1	67.7	2.0	55.0
	10/06/2021 19:00	490.5	0.0	9.4	70.1	1.6	45.8
	10/06/2021 20:00	490.9	0.0	9.2	69.8	0.8	59.2
	10/06/2021 21:00	491.0	0.0	9.3	68.5	0.5	8.6
	10/06/2021 22:00	491.0	0.0	9.1	70.2	1.2	40.1
	10/06/2021 23:00	490.9	0.0	8.2	72.1	1.6	24.8
	11/06/2021 00:00	490.8	0.0	7.2	73.0	1.8	29.1
	11/06/2021 01:00	490.6	0.0	7.5	73.2	0.7	145.8
	11/06/2021 02:00	490.3	0.0	7.2	74.1	0.7	132.7
	11/06/2021 03:00	490.1	0.0	7.2	74.8	0.9	141.0
	11/06/2021 04:00	490.2	0.0	7.0	75.5	0.9	143.5
	11/06/2021 05:00	490.3	0.0	6.2	77.5	0.9	92.9
	11/06/2021 06:00	490.6	0.0	5.5	78.8	1.0	115.1
	11/06/2021 07:00	491.0	0.0	5.7	78.4	1.0	139.0
	11/06/2021 08:00	491.4	0.0	6.8	75.2	1.0	148.1
	11/06/2021 09:00	491.5	0.0	9.0	68.5	0.7	174.2
	11/06/2021 10:00	491.2	0.0	11.0	59.5	0.4	188.2
11	11/06/2021 11:00	490.8	0.0	13.0	52.9	0.8	266.9
	11/06/2021 12:00	490.4	0.0	14.1	52.0	1.4	346.1
	11/06/2021 13:00	489.8	0.0	14.8	52.5	1.9	24.3
	11/06/2021 14:00	489.2	0.0	15.3	51.4	2.5	55.0
	11/06/2021 15:00	488.9	0.0	14.3	55.5	2.5	64.5
	11/06/2021 16:00	489.0	0.0	12.2	63.4	2.2	54.6
	11/06/2021 17:00	489.4	0.0	10.6	67.9	2.3	67.7

	11/06/2021 18:00	490.1	0.0	9.8	71.6	1.5	54.3
	11/06/2021 19:00	490.6	0.0	9.2	75.2	1.2	118.2
	11/06/2021 20:00	490.9	0.0	8.9	76.5	1.1	23.4
	11/06/2021 21:00	491.2	0.0	8.8	77.0	0.9	49.4
	11/06/2021 22:00	491.3	0.0	8.5	77.2	1.6	29.8
	11/06/2021 23:00	491.2	0.0	8.2	77.0	1.1	4.9
	12/06/2021 00:00	491.0	0.0	8.2	76.4	0.6	32.3
	12/06/2021 01:00	490.7	0.0	8.2	76.3	0.9	33.6
	12/06/2021 02:00	490.4	0.0	8.1	77.1	1.1	11.9
	12/06/2021 03:00	490.2	0.0	8.1	77.8	0.9	337.9
	12/06/2021 04:00	490.3	0.0	7.9	78.1	0.6	358.5
	12/06/2021 05:00	490.5	0.0	6.9	83.4	1.5	276.9
	12/06/2021 06:00	490.8	0.3	6.3	85.4	1.0	270.2
	12/06/2021 07:00	491.1	0.0	7.0	81.2	0.4	272.5
	12/06/2021 08:00	491.5	0.0	8.1	74.9	0.3	290.3
	12/06/2021 09:00	491.5	0.0	9.8	66.4	0.3	245.3
	12/06/2021 10:00	491.3	0.0	10.8	60.0	0.8	279.3
12	12/06/2021 11:00	490.7	0.0	11.5	58.7	1.2	276.5
	12/06/2021 12:00	490.0	0.0	13.8	52.6	0.6	24.0
	12/06/2021 13:00	489.2	0.0	14.4	49.1	1.2	22.7
	12/06/2021 14:00	488.6	0.0	14.5	52.3	2.3	93.3
	12/06/2021 15:00	488.5	0.0	13.2	60.5	3.8	98.9
	12/06/2021 16:00	488.7	0.8	11.8	66.3	3.4	99.2
	12/06/2021 17:00	489.0	0.0	10.4	72.4	2.1	73.7
	12/06/2021 18:00	489.4	0.0	9.7	74.2	1.7	86.2
	12/06/2021 19:00	489.9	0.0	9.0	75.8	1.4	85.4
	12/06/2021 20:00	490.3	0.0	8.6	75.9	0.8	53.7
	12/06/2021 21:00	490.7	0.0	7.9	76.6	1.2	356.4
	12/06/2021 22:00	491.0	0.0	6.6	78.0	1.6	288.8
	12/06/2021 23:00	491.2	0.0	6.2	77.3	1.4	339.8
	13/06/2021 00:00	491.3	0.0	5.4	76.8	1.3	351.7
	13/06/2021 01:00	491.1	0.0	4.7	77.5	1.1	334.8
	13/06/2021 02:00	490.9	0.0	4.0	77.1	0.8	306.0
	13/06/2021 03:00	490.8	0.0	3.7	78.7	0.9	338.9
	13/06/2021 04:00	490.8	0.0	3.4	77.3	1.6	300.0
	13/06/2021 05:00	491.0	0.0	3.3	76.8	1.7	301.9
	13/06/2021 06:00	491.3	0.0	3.1	76.7	2.0	293.7
	13/06/2021 07:00	491.6	0.0	3.3	75.5	1.6	297.5
	13/06/2021 08:00	491.9	0.0	4.4	74.0	0.9	256.1
	13/06/2021 09:00	492.0	0.0	6.1	69.7	1.4	127.4
	13/06/2021 10:00	491.6	0.0	8.9	58.8	1.0	145.4
13	13/06/2021 11:00	490.9	0.0	12.2	37.9	1.0	295.1
	13/06/2021 12:00	490.2	0.0	14.4	31.6	0.9	302.5
	13/06/2021 13:00	489.5	0.0	16.3	20.6	0.9	310.8
	13/06/2021 14:00	488.9	0.0	16.6	29.1	1.9	19.8
	13/06/2021 15:00	488.7	0.0	15.0	41.1	2.9	42.3
	13/06/2021 16:00	488.9	0.0	12.9	48.6	2.5	73.1
	13/06/2021 17:00	489.4	0.0	11.3	54.3	1.7	63.7
	13/06/2021 18:00	489.9	0.0	9.5	64.8	2.0	65.7
	13/06/2021 19:00	490.5	0.0	8.2	70.1	2.0	78.6
	13/06/2021 20:00	490.9	0.0	7.8	69.9	1.2	36.7
	13/06/2021 21:00	491.2	0.0	7.3	70.4	0.9	5.3
	13/06/2021 22:00	491.3	0.0	6.7	71.6	1.9	22.0
	13/06/2021 23:00	491.2	0.0	6.0	72.6	2.5	10.0
	14/06/2021 00:00	491.1	0.0	5.2	73.9	1.9	10.2
	14/06/2021 01:00	490.9	0.0	5.5	76.2	0.7	311.5
	14/06/2021 02:00	490.6	0.0	4.9	78.8	0.6	289.7
	14/06/2021 03:00	490.6	0.0	4.3	79.3	1.0	301.8
	14/06/2021 04:00	490.7	0.0	4.1	78.9	1.3	291.3
	14/06/2021 05:00	491.1	0.0	3.7	78.1	1.5	317.4
	14/06/2021 06:00	491.3	0.0	4.0	77.0	1.2	331.6
	14/06/2021 07:00	491.5	0.0	4.7	75.5	0.6	17.1
	14/06/2021 08:00	491.7	0.0	6.0	70.8	1.1	286.2
	14/06/2021 09:00	491.6	0.0	8.2	63.8	0.9	136.2
	14/06/2021 10:00	491.2	0.0	10.1	58.1	1.1	132.6
14	14/06/2021 11:00	490.5	0.0	13.1	49.6	1.0	146.8
	14/06/2021 12:00	489.9	0.0	15.7	38.4	1.1	166.0
	14/06/2021 13:00	489.3	0.0	16.8	32.5	1.5	40.1
	14/06/2021 14:00	488.9	0.0	16.0	35.6	2.3	33.4
	14/06/2021 15:00	488.8	0.0	15.2	41.0	2.6	55.3
	14/06/2021 16:00	489.1	0.0	13.1	46.5	2.1	82.7
	14/06/2021 17:00	489.5	0.0	11.1	52.8	2.1	32.9
	14/06/2021 18:00	490.0	0.0	9.6	62.9	1.6	90.1
	14/06/2021 19:00	490.5	0.0	8.3	69.8	1.6	33.0
	14/06/2021 20:00	491.0	0.0	7.7	70.9	1.7	62.2
	14/06/2021 21:00	491.1	0.0	7.1	72.0	1.4	46.2
	14/06/2021 22:00	491.1	0.0	6.4	73.1	2.0	11.6
	14/06/2021 23:00	491.2	0.0	5.2	73.6	2.5	7.0
	15/06/2021 00:00	491.1	0.0	4.8	72.7	2.0	13.9
	15/06/2021 01:00	490.9	0.0	5.4	74.4	1.5	332.7
	15/06/2021 02:00	490.8	0.0	5.5	78.4	0.7	275.1
	15/06/2021 03:00	490.6	0.0	5.8	77.5	0.3	294.4
	15/06/2021 04:00	490.6	0.0	5.8	75.4	0.8	141.2
	15/06/2021 05:00	490.8	0.0	5.6	73.3	0.7	129.3
	15/06/2021 06:00	491.2	0.0	5.5	72.0	1.0	132.2
	15/06/2021 07:00	491.5	0.0	5.8	70.6	0.7	147.4
	15/06/2021 08:00	491.8	0.0	7.7	64.7	1.2	150.5
	15/06/2021 09:00	491.7	0.0	9.2	61.6	1.0	153.3
	15/06/2021 10:00	491.4	0.0	11.5	55.3	1.3	192.8
15	15/06/2021 11:00	490.8	0.0	14.2	41.4	1.7	158.9
	15/06/2021 12:00	490.3	0.0	15.4	36.1	1.7	35.5
	15/06/2021 13:00	489.9	0.0	15.5	37.6	2.6	107.9
	15/06/2021 14:00	489.5	0.0	14.8	42.6	2.6	94.3
	15/06/2021 15:00	489.3	0.0	13.9	47.0	2.1	82.3
	15/06/2021 16:00	489.3	0.0	11.9	54.3	2.3	59.7

	15/06/2021 17:00	489.6	0.0	10.0	61.1	2.6	28.1
	15/06/2021 18:00	490.2	0.0	8.6	65.1	1.4	37.2
	15/06/2021 19:00	490.6	0.0	7.8	69.0	1.4	19.6
	15/06/2021 20:00	490.8	0.0	7.2	71.8	1.3	41.4
	15/06/2021 21:00	491.0	0.0	6.6	73.1	1.1	45.0
	15/06/2021 22:00	491.1	0.0	6.7	72.9	1.4	26.7
	15/06/2021 23:00	491.1	0.0	6.6	74.2	1.7	299.6
	16/06/2021 00:00	491.0	0.0	7.1	73.5	1.0	323.3
	16/06/2021 01:00	490.9	0.0	7.2	73.0	0.4	23.4
	16/06/2021 02:00	490.7	0.0	7.4	69.8	1.3	2.6
	16/06/2021 03:00	490.5	0.0	7.3	71.1	0.8	303.6
	16/06/2021 04:00	490.5	0.0	6.5	75.6	1.1	276.6
	16/06/2021 05:00	490.7	0.0	5.5	76.2	1.1	310.2
	16/06/2021 06:00	491.0	0.0	4.6	74.6	1.3	349.5
	16/06/2021 07:00	491.4	0.0	4.3	78.2	1.2	279.9
	16/06/2021 08:00	491.7	0.0	6.0	73.0	0.6	111.8
	16/06/2021 09:00	491.5	0.0	8.5	63.7	0.8	275.4
	16/06/2021 10:00	491.2	0.0	10.8	54.6	0.9	273.4
16	16/06/2021 11:00	490.6	0.0	13.3	41.1	0.7	249.7
	16/06/2021 12:00	490.0	0.0	14.4	35.6	0.8	287.9
	16/06/2021 13:00	489.3	0.0	14.8	36.5	1.1	8.2
	16/06/2021 14:00	489.0	0.0	15.0	41.5	2.4	56.6
	16/06/2021 15:00	488.7	0.0	14.3	47.3	2.3	71.2
	16/06/2021 16:00	488.8	0.0	11.9	58.0	2.9	67.0
	16/06/2021 17:00	489.2	0.0	10.1	65.0	2.5	68.5
	16/06/2021 18:00	489.8	0.0	9.1	69.0	1.8	71.9
	16/06/2021 19:00	490.2	0.0	8.6	70.6	1.5	47.0
	16/06/2021 20:00	490.6	0.0	8.2	71.4	1.1	26.3
	16/06/2021 21:00	490.8	0.0	7.8	73.1	0.9	314.9
	16/06/2021 22:00	490.9	0.0	7.6	74.3	1.4	290.1
	16/06/2021 23:00	490.9	0.0	7.7	73.8	1.4	284.6
	17/06/2021 00:00	490.8	0.0	7.2	75.0	1.3	282.7
	17/06/2021 01:00	490.6	0.0	7.0	74.8	0.7	287.8
	17/06/2021 02:00	490.3	0.0	7.0	74.6	0.5	274.4
	17/06/2021 03:00	490.2	0.0	6.9	73.2	0.8	244.1
	17/06/2021 04:00	490.2	0.0	6.8	71.8	0.8	263.2
	17/06/2021 05:00	490.5	0.0	6.7	70.4	1.0	293.7
	17/06/2021 06:00	490.8	0.0	6.7	69.5	0.9	269.6
	17/06/2021 07:00	491.1	0.0	6.5	69.0	1.6	265.2
	17/06/2021 08:00	491.6	0.0	7.1	67.1	0.8	255.0
	17/06/2021 09:00	491.7	0.0	7.6	65.6	0.7	225.1
	17/06/2021 10:00	491.5	0.0	9.2	62.1	0.5	264.3
17	17/06/2021 11:00	491.0	0.0	11.0	54.2	0.7	275.0
	17/06/2021 12:00	490.3	0.0	12.1	49.2	0.8	189.4
	17/06/2021 13:00	489.7	0.0	13.2	47.9	0.8	309.0
	17/06/2021 14:00	489.2	0.0	13.3	51.7	2.0	33.9
	17/06/2021 15:00	488.8	0.0	13.0	55.9	2.7	28.5
	17/06/2021 16:00	488.9	0.0	11.2	63.3	2.4	70.4
	17/06/2021 17:00	489.3	0.0	9.7	68.3	2.3	71.4
	17/06/2021 18:00	489.8	0.0	8.8	71.4	1.8	42.7
	17/06/2021 19:00	490.2	0.0	8.8	71.3	1.3	44.3
	17/06/2021 20:00	490.6	0.0	8.9	71.2	1.3	58.5
	17/06/2021 21:00	490.9	0.0	8.9	70.3	1.1	40.8
	17/06/2021 22:00	491.0	0.0	8.7	72.1	1.2	58.0
	17/06/2021 23:00	491.0	0.0	8.2	74.0	1.2	49.9
	18/06/2021 00:00	490.9	0.0	8.0	74.7	0.5	28.1
	18/06/2021 01:00	490.7	0.0	7.7	75.0	1.4	6.4
	18/06/2021 02:00	490.5	0.0	6.9	76.7	1.4	345.9
	18/06/2021 03:00	490.4	0.0	6.6	77.3	1.4	336.2
	18/06/2021 04:00	490.5	0.0	6.0	76.0	1.2	299.3
	18/06/2021 05:00	490.8	0.0	5.1	76.0	1.1	297.1
	18/06/2021 06:00	491.2	0.0	4.3	77.0	1.3	304.2
	18/06/2021 07:00	491.6	0.0	4.4	75.5	1.4	300.2
	18/06/2021 08:00	492.0	0.0	5.8	71.4	0.8	277.9
	18/06/2021 09:00	492.1	0.0	7.5	68.1	0.6	148.5
	18/06/2021 10:00	491.7	0.0	9.7	62.3	0.7	251.8
18	18/06/2021 11:00	491.2	0.0	11.7	52.6	0.6	266.8
	18/06/2021 12:00	490.7	0.0	13.8	44.1	1.1	248.1
	18/06/2021 13:00	490.1	0.0	14.5	42.2	1.3	157.7
	18/06/2021 14:00	489.6	0.0	14.2	42.2	2.0	77.4
	18/06/2021 15:00	489.4	0.0	13.8	46.4	2.0	68.5
	18/06/2021 16:00	489.4	0.0	12.7	52.6	1.8	65.6
	18/06/2021 17:00	489.7	0.0	11.1	60.7	1.8	59.9
	18/06/2021 18:00	490.2	0.0	9.2	71.0	2.1	78.0
	18/06/2021 19:00	490.7	0.0	8.3	72.5	1.5	45.1
	18/06/2021 20:00	491.1	0.0	8.0	71.4	1.6	66.8
	18/06/2021 21:00	491.3	0.0	7.9	70.4	0.7	62.6
	18/06/2021 22:00	491.4	0.0	7.9	70.2	0.5	69.8
	18/06/2021 23:00	491.4	0.0	8.3	67.1	0.6	36.9
	19/06/2021 00:00	491.2	0.0	8.3	65.5	0.5	30.5
	19/06/2021 01:00	491.0	0.0	7.7	65.7	0.7	24.3
	19/06/2021 02:00	490.8	0.0	6.6	67.9	1.7	33.2
	19/06/2021 03:00	490.7	0.0	6.0	70.2	0.9	84.5
	19/06/2021 04:00	491.0	0.0	5.0	72.7	1.1	31.9
	19/06/2021 05:00	491.3	0.0	4.4	73.2	1.1	55.9
	19/06/2021 06:00	491.7	0.0	3.8	77.7	0.6	75.5
	19/06/2021 07:00	492.1	0.0	3.8	78.0	0.6	117.0
	19/06/2021 08:00	492.4	0.0	5.3	73.8	0.9	139.0
	19/06/2021 09:00	492.2	0.0	8.3	63.5	0.8	141.6
	19/06/2021 10:00	491.8	0.0	10.0	56.9	0.9	154.3
19	19/06/2021 11:00	491.3	0.0	12.0	50.1	1.0	284.5
	19/06/2021 12:00	490.8	0.0	13.8	45.5	1.6	323.5
	19/06/2021 13:00	490.3	0.0	14.6	45.5	2.4	41.3
	19/06/2021 14:00	490.1	0.0	13.7	49.9	2.4	93.5
	19/06/2021 15:00	490.2	0.0	12.6	54.2	2.5	64.3

	19/06/2021 16:00	490.3	0.0	11.4	57.2	2.4	41.5
	19/06/2021 17:00	490.5	0.0	10.4	62.0	1.8	74.0
	19/06/2021 18:00	491.0	0.0	8.8	68.4	1.7	43.8
	19/06/2021 19:00	491.4	0.0	8.1	70.1	1.4	8.5
	19/06/2021 20:00	491.9	0.0	7.5	71.5	0.8	38.9
	19/06/2021 21:00	492.2	0.0	6.6	74.8	0.7	301.0
	19/06/2021 22:00	492.4	0.0	5.9	75.2	1.5	360.0
	19/06/2021 23:00	492.2	0.0	5.4	77.8	0.7	359.5
	20/06/2021 00:00	492.1	0.0	5.0	79.1	1.3	319.0
	20/06/2021 01:00	491.9	0.0	4.8	79.4	1.3	281.2
	20/06/2021 02:00	491.7	0.0	5.0	78.9	1.1	282.3
	20/06/2021 03:00	491.5	0.0	5.2	77.8	0.5	297.8
	20/06/2021 04:00	491.6	0.0	4.7	80.3	0.7	302.5
	20/06/2021 05:00	491.7	0.0	4.1	78.8	1.0	4.0
	20/06/2021 06:00	492.0	0.0	3.5	79.3	1.1	342.4
	20/06/2021 07:00	492.5	0.0	3.1	80.8	0.2	307.9
	20/06/2021 08:00	492.8	0.0	5.6	73.0	0.5	135.7
	20/06/2021 09:00	492.8	0.0	8.1	65.1	0.8	133.9
	20/06/2021 10:00	492.4	0.0	10.3	59.7	0.9	142.8
20	20/06/2021 11:00	492.0	0.0	11.2	57.1	1.1	149.1
	20/06/2021 12:00	491.4	0.0	12.8	49.7	0.6	237.6
	20/06/2021 13:00	490.8	0.0	13.5	45.9	1.2	264.3
	20/06/2021 14:00	490.2	0.0	14.0	44.6	1.5	47.9
	20/06/2021 15:00	489.9	0.0	14.5	46.6	2.1	57.7
	20/06/2021 16:00	490.0	0.0	12.6	56.9	2.1	61.2
	20/06/2021 17:00	490.5	0.0	10.3	65.6	2.2	66.2
	20/06/2021 18:00	491.0	0.0	9.1	69.9	1.5	59.0
	20/06/2021 19:00	491.4	0.0	8.8	71.3	1.3	44.8
	20/06/2021 20:00	491.6	0.0	8.7	71.0	1.4	19.8
	20/06/2021 21:00	491.8	0.0	7.9	73.2	1.0	355.4
	20/06/2021 22:00	491.8	0.0	7.2	75.8	1.0	15.0
	20/06/2021 23:00	491.9	0.0	6.0	78.8	0.6	293.4
	21/06/2021 00:00	492.0	0.0	4.9	80.2	1.3	297.3
	21/06/2021 01:00	491.9	0.0	3.9	81.5	0.9	293.5
	21/06/2021 02:00	491.7	0.0	3.5	81.2	0.7	345.6
	21/06/2021 03:00	491.7	0.0	2.7	83.0	0.9	285.6
	21/06/2021 04:00	491.6	0.0	2.1	84.7	0.9	291.0
	21/06/2021 05:00	491.8	0.0	2.2	83.6	1.0	296.3
	21/06/2021 06:00	492.0	0.0	2.3	81.2	1.3	290.2
	21/06/2021 07:00	492.3	0.0	2.8	78.8	1.3	282.1
	21/06/2021 08:00	492.6	0.0	4.5	75.2	0.5	248.2
	21/06/2021 09:00	492.6	0.0	6.6	71.4	0.8	176.6
	21/06/2021 10:00	492.1	0.0	9.2	63.5	0.9	146.2
21	21/06/2021 11:00	491.4	0.0	12.2	56.1	0.6	193.7
	21/06/2021 12:00	490.7	0.0	14.4	46.1	1.2	352.6
	21/06/2021 13:00	490.2	0.0	14.7	43.0	1.8	34.7
	21/06/2021 14:00	490.0	0.0	13.6	48.7	2.3	38.2
	21/06/2021 15:00	490.0	0.0	11.8	53.6	2.7	73.2
	21/06/2021 16:00	489.9	0.0	11.4	56.5	2.4	31.5
	21/06/2021 17:00	490.0	0.0	10.1	64.9	2.3	36.9
	21/06/2021 18:00	490.4	0.0	8.9	70.3	1.5	70.5
	21/06/2021 19:00	490.9	0.0	8.5	70.5	1.4	21.9
	21/06/2021 20:00	491.3	0.0	7.8	70.7	1.0	64.3
	21/06/2021 21:00	491.6	0.0	7.1	72.1	1.3	23.7
	21/06/2021 22:00	491.6	0.0	6.4	74.0	1.1	349.7
	21/06/2021 23:00	491.6	0.0	5.9	75.3	0.6	22.0
	22/06/2021 00:00	491.5	0.0	4.7	79.4	0.9	296.2
	22/06/2021 01:00	491.5	0.0	3.9	80.8	1.1	290.7
	22/06/2021 02:00	491.4	0.0	3.0	82.8	1.1	294.6
	22/06/2021 03:00	491.2	0.0	2.4	83.9	0.9	286.5
	22/06/2021 04:00	491.3	0.0	1.6	85.1	1.2	293.9
	22/06/2021 05:00	491.6	0.0	1.1	85.5	1.3	289.4
	22/06/2021 06:00	491.8	0.0	0.6	85.8	1.3	284.5
	22/06/2021 07:00	492.1	0.0	0.9	84.0	0.7	284.8
	22/06/2021 08:00	492.5	0.0	3.5	76.9	0.5	107.1
	22/06/2021 09:00	492.6	0.0	6.4	70.1	0.8	136.2
	22/06/2021 10:00	492.2	0.0	9.4	60.4	1.2	144.7
22	22/06/2021 11:00	491.6	0.0	13.0	44.7	1.2	247.9
	22/06/2021 12:00	490.8	0.0	14.8	33.8	1.8	252.9
	22/06/2021 13:00	490.4	0.0	14.8	28.5	2.5	111.5
	22/06/2021 14:00	490.0	0.0	14.3	33.4	1.9	69.0
	22/06/2021 15:00	489.9	0.0	12.8	43.2	2.0	329.2
	22/06/2021 16:00	489.9	0.0	12.0	49.3	1.8	93.9
	22/06/2021 17:00	490.2	0.0	10.3	58.2	2.2	27.8
	22/06/2021 18:00	490.7	0.0	8.6	67.7	1.7	19.3
	22/06/2021 19:00	491.2	0.0	7.7	70.8	1.3	10.4
	22/06/2021 20:00	491.5	0.0	6.8	73.3	1.1	52.4
	22/06/2021 21:00	491.7	0.0	6.0	73.2	1.4	337.8
	22/06/2021 22:00	492.0	0.0	4.8	75.8	1.2	323.3
	22/06/2021 23:00	491.9	0.0	3.7	79.2	1.2	298.1
	23/06/2021 00:00	491.8	0.0	2.8	80.6	1.1	280.3
	23/06/2021 01:00	491.6	0.0	2.0	82.2	1.1	286.5
	23/06/2021 02:00	491.5	0.0	1.5	83.6	1.2	280.9
	23/06/2021 03:00	491.6	0.0	1.0	85.1	1.1	287.0
	23/06/2021 04:00	491.7	0.0	0.6	85.1	0.8	286.6
	23/06/2021 05:00	491.8	0.0	0.4	85.2	1.0	291.1
	23/06/2021 06:00	491.9	0.0	-0.1	85.7	1.1	288.0
	23/06/2021 07:00	492.3	0.0	-0.2	84.9	0.9	277.0
	23/06/2021 08:00	492.7	0.0	1.7	80.5	0.6	205.8
	23/06/2021 09:00	492.7	0.0	4.8	69.5	0.6	159.4
	23/06/2021 10:00	492.2	0.0	8.7	56.2	0.5	249.5
23	23/06/2021 11:00	491.5	0.0	12.6	43.9	0.8	196.9
	23/06/2021 12:00	490.8	0.0	15.4	32.5	1.0	257.8
	23/06/2021 13:00	490.1	0.0	16.5	28.8	1.5	31.0
	23/06/2021 14:00	489.6	0.0	16.8	30.8	2.2	74.0

	23/06/2021 15:00	489.3	0.0	15.8	36.6	2.6	70.2
	23/06/2021 16:00	489.3	0.0	13.6	41.5	2.4	99.8
	23/06/2021 17:00	489.6	0.0	11.8	43.0	1.8	61.0
	23/06/2021 18:00	490.0	0.0	10.3	50.9	2.2	11.4
	23/06/2021 19:00	490.6	0.0	9.6	52.9	1.2	49.9
	23/06/2021 20:00	491.1	0.0	8.3	59.0	1.7	32.1
	23/06/2021 21:00	491.2	0.0	7.3	61.1	2.2	359.5
	23/06/2021 22:00	491.2	0.0	6.3	59.8	1.7	0.3
	23/06/2021 23:00	491.3	0.0	5.3	58.5	1.5	3.6
	24/06/2021 00:00	491.2	0.0	4.5	65.7	1.5	319.7
	24/06/2021 01:00	491.0	0.0	3.5	73.0	1.3	294.4
	24/06/2021 02:00	490.9	0.0	2.5	75.4	1.1	290.3
	24/06/2021 03:00	490.8	0.0	2.2	76.6	1.1	289.8
	24/06/2021 04:00	490.9	0.0	1.9	78.0	1.1	286.6
	24/06/2021 05:00	491.1	0.0	1.6	78.9	0.9	284.7
	24/06/2021 06:00	491.3	0.0	1.0	80.0	1.2	282.5
	24/06/2021 07:00	491.8	0.0	0.8	80.1	0.8	273.6
	24/06/2021 08:00	491.9	0.0	3.1	73.6	0.7	287.7
	24/06/2021 09:00	491.8	0.0	6.8	62.3	0.6	22.2
	24/06/2021 10:00	491.3	0.0	10.5	54.4	0.5	146.6
24	24/06/2021 11:00	490.5	0.0	14.0	37.8	1.5	294.2
	24/06/2021 12:00	489.9	0.0	15.4	31.2	1.4	64.3
	24/06/2021 13:00	489.2	0.0	16.4	29.2	1.5	18.6
	24/06/2021 14:00	488.8	0.0	16.3	31.4	2.3	42.0
	24/06/2021 15:00	488.6	0.0	15.3	34.1	2.5	73.2
	24/06/2021 16:00	488.6	0.0	13.6	37.7	2.1	81.8
	24/06/2021 17:00	488.8	0.0	12.1	43.1	1.6	66.7
	24/06/2021 18:00	489.4	0.0	9.6	58.5	2.5	61.5
	24/06/2021 19:00	490.0	0.0	7.5	70.1	1.3	79.3
	24/06/2021 20:00	490.7	0.0	7.1	69.5	1.2	352.7
	24/06/2021 21:00	491.1	0.0	6.9	69.6	1.0	352.5
	24/06/2021 22:00	491.2	0.0	6.3	70.4	1.0	20.8
	24/06/2021 23:00	491.2	0.0	6.2	70.3	1.4	24.8
	25/06/2021 00:00	491.2	0.0	6.3	70.4	0.7	76.5
	25/06/2021 01:00	490.9	0.0	6.0	71.8	0.9	127.0
	25/06/2021 02:00	490.6	0.0	5.4	73.8	0.8	104.5
	25/06/2021 03:00	490.4	0.0	4.5	75.1	0.6	143.6
	25/06/2021 04:00	490.5	0.0	3.6	77.1	0.7	67.8
	25/06/2021 05:00	490.7	0.0	2.9	78.5	0.6	73.8
	25/06/2021 06:00	490.8	0.0	2.5	80.3	0.6	199.6
	25/06/2021 07:00	491.2	0.0	3.2	78.6	0.7	286.7
	25/06/2021 08:00	491.6	0.0	5.1	74.4	1.1	281.4
	25/06/2021 09:00	491.5	0.0	7.2	69.6	0.8	175.1
	25/06/2021 10:00	491.0	0.0	10.2	57.4	0.8	152.6
25	25/06/2021 11:00	490.4	0.0	12.8	46.1	1.6	133.6
	25/06/2021 12:00	489.8	0.0	15.2	36.9	1.1	11.1
	25/06/2021 13:00	489.2	0.0	16.4	33.1	2.3	32.4
	25/06/2021 14:00	488.8	0.0	15.1	40.7	3.1	60.9
	25/06/2021 15:00	488.6	0.0	13.5	45.1	2.9	60.9
	25/06/2021 16:00	488.8	0.0	11.8	51.1	2.1	46.8
	25/06/2021 17:00	489.5	0.0	10.3	57.9	2.2	55.4
	25/06/2021 18:00	490.0	0.3	8.9	65.8	2.0	2.6
	25/06/2021 19:00	490.2	0.3	6.8	76.3	2.1	318.4
	25/06/2021 20:00	490.4	0.0	6.3	77.2	1.2	34.8
	25/06/2021 21:00	490.6	0.0	5.8	74.5	1.6	351.7
	25/06/2021 22:00	490.6	0.0	5.1	74.6	1.0	346.9
	25/06/2021 23:00	490.8	0.0	4.3	74.9	1.2	356.7
	26/06/2021 00:00	490.8	0.0	3.7	76.7	0.9	338.9
	26/06/2021 01:00	490.5	0.0	3.0	81.5	1.1	304.1
	26/06/2021 02:00	490.2	0.0	2.4	85.3	1.3	293.1
	26/06/2021 03:00	490.0	0.0	1.9	85.8	0.8	292.4
	26/06/2021 04:00	490.1	0.0	1.7	82.6	0.6	326.3
	26/06/2021 05:00	490.2	0.0	1.6	81.0	0.9	27.3
	26/06/2021 06:00	490.5	0.0	1.4	80.8	1.8	16.9
	26/06/2021 07:00	490.9	0.0	1.9	80.6	1.3	344.5
	26/06/2021 08:00	491.2	0.0	2.5	81.8	1.2	284.9
	26/06/2021 09:00	491.2	0.0	4.8	74.3	2.2	272.3
	26/06/2021 10:00	491.0	0.0	6.7	68.5	2.8	289.4
26	26/06/2021 11:00	490.6	0.0	9.8	58.2	1.8	284.4
	26/06/2021 12:00	489.9	0.0	13.1	47.0	0.9	287.8
	26/06/2021 13:00	489.2	0.0	14.3	40.5	1.5	71.7
	26/06/2021 14:00	488.6	0.0	13.9	42.3	1.7	47.2
	26/06/2021 15:00	488.2	0.0	13.8	43.3	2.6	66.1
	26/06/2021 16:00	488.1	0.0	12.5	50.2	2.7	37.8
	26/06/2021 17:00	488.4	0.0	10.6	63.4	2.5	55.5
	26/06/2021 18:00	489.0	0.0	9.2	68.1	2.6	82.9
	26/06/2021 19:00	489.5	0.0	8.5	71.1	2.3	71.8
	26/06/2021 20:00	489.9	0.0	8.4	71.6	1.8	50.2
	26/06/2021 21:00	490.1	0.0	7.9	72.4	2.0	61.1
	26/06/2021 22:00	490.2	0.0	7.0	73.4	1.7	6.0
	26/06/2021 23:00	490.4	0.0	5.7	75.0	2.0	11.1
	27/06/2021 00:00	490.4	0.0	4.7	75.7	1.4	0.2
	27/06/2021 01:00	490.4	0.0	3.7	79.8	0.9	302.8
	27/06/2021 02:00	490.0	0.0	3.0	81.0	0.8	303.4
	27/06/2021 03:00	489.8	0.0	2.1	82.2	1.1	285.6
	27/06/2021 04:00	489.9	0.0	1.3	83.2	1.4	281.6
	27/06/2021 05:00	490.2	0.0	0.9	82.5	1.1	298.6
	27/06/2021 06:00	490.6	0.0	0.4	82.4	1.3	284.4
	27/06/2021 07:00	491.0	0.0	0.2	81.5	0.7	284.9
	27/06/2021 08:00	491.2	0.0	2.4	73.8	0.4	66.9
	27/06/2021 09:00	491.0	0.0	6.0	61.3	0.7	121.5
	27/06/2021 10:00	490.5	0.0	9.1	53.9	0.9	89.2
27	27/06/2021 11:00	490.0	0.0	11.9	44.7	0.7	288.8
	27/06/2021 12:00	489.6	0.0	13.4	40.4	0.5	277.4
	27/06/2021 13:00	489.1	0.0	14.5	40.8	1.2	3.1

27/06/2021 14:00	488.6	0.0	14.3	44.9	2.2	51.6
27/06/2021 15:00	488.4	0.0	13.4	50.0	2.8	42.6
27/06/2021 16:00	488.4	0.0	11.0	60.4	2.1	60.3
27/06/2021 17:00	488.8	0.0	9.7	65.6	2.1	52.6
27/06/2021 18:00	489.1	0.0	8.5	69.8	2.0	73.0
27/06/2021 19:00	489.6	0.0	8.0	71.7	0.9	62.6
27/06/2021 20:00	490.1	0.0	7.7	73.2	0.9	289.2
27/06/2021 21:00	490.7	0.0	7.3	74.5	1.0	313.4
27/06/2021 22:00	491.0	0.0	7.0	75.3	0.7	290.4
27/06/2021 23:00	491.0	0.0	6.7	74.9	0.5	293.1
28/06/2021 00:00	490.8	0.0	6.0	75.4	1.2	5.7
28/06/2021 01:00	490.8	0.0	5.0	71.9	1.7	20.6
28/06/2021 02:00	490.6	0.0	4.7	74.0	0.9	305.3
28/06/2021 03:00	490.5	0.0	4.5	73.7	0.9	331.6

	28/06/2021 04:00	490.5	0.0	3.9	79.2	1.2	281.8
	28/06/2021 05:00	490.8	0.0	3.0	79.1	1.0	302.1
	28/06/2021 06:00	491.2	0.0	2.7	78.4	1.4	307.6
	28/06/2021 07:00	491.6	0.0	2.4	79.3	1.6	279.6
	28/06/2021 08:00	492.0	0.0	4.1	74.9	0.9	303.7
	28/06/2021 09:00	491.6	0.0	7.5	65.1	0.6	127.3
	28/06/2021 10:00	491.0	0.0	10.4	47.7	0.9	122.2
28	28/06/2021 11:00	490.4	0.0	13.3	33.7	1.0	132.4
	28/06/2021 12:00	489.9	0.0	15.0	36.2	2.0	64.2
	28/06/2021 13:00	489.4	0.0	15.2	41.0	2.7	53.7
	28/06/2021 14:00	489.0	0.0	14.3	47.0	2.8	84.2
	28/06/2021 15:00	488.9	0.0	13.2	52.3	2.7	79.7
	28/06/2021 16:00	489.0	0.0	11.7	59.4	2.7	63.4
	28/06/2021 17:00	489.4	0.0	10.0	66.2	2.7	68.2
	28/06/2021 18:00	490.0	0.0	9.0	70.5	2.1	62.9
	28/06/2021 19:00	490.9	22.7	6.9	79.2	2.0	349.9
	28/06/2021 20:00	491.7	6.8	4.9	82.8	1.5	13.9
	28/06/2021 21:00	491.8	1.9	4.9	84.9	0.8	69.8
	28/06/2021 22:00	491.9	0.0	4.6	87.0	0.8	286.5
	28/06/2021 23:00	491.9	0.0	4.3	88.2	0.6	296.9
	29/06/2021 00:00	491.9	0.0	4.2	88.6	1.1	292.4
	29/06/2021 01:00	491.7	0.0	4.5	86.4	0.4	270.8
	29/06/2021 02:00	491.4	0.0	4.5	79.4	1.0	318.6
	29/06/2021 03:00	491.2	0.0	4.4	77.7	0.9	296.6
	29/06/2021 04:00	491.3	0.0	4.3	72.4	1.0	306.6
	29/06/2021 05:00	491.4	0.0	4.4	71.5	0.8	294.0
	29/06/2021 06:00	491.6	0.0	4.3	72.3	1.1	295.2
	29/06/2021 07:00	491.9	0.0	4.7	70.7	1.1	302.7
	29/06/2021 08:00	492.2	0.0	5.7	74.6	0.5	140.1
	29/06/2021 09:00	492.3	0.0	7.2	71.0	0.9	130.8
	29/06/2021 10:00	492.0	0.0	8.7	66.1	0.6	149.5
29	29/06/2021 11:00	491.4	0.0	11.0	60.1	0.7	127.6
	29/06/2021 12:00	490.8	0.0	12.9	52.5	1.0	95.9
	29/06/2021 13:00	490.0	0.0	14.1	49.3	1.5	90.5
	29/06/2021 14:00	489.4	0.0	14.0	51.0	2.5	102.3
	29/06/2021 15:00	489.2	0.0	13.3	55.6	2.5	88.5
	29/06/2021 16:00	489.7	0.0	10.6	66.3	3.1	88.0
	29/06/2021 17:00	490.4	0.0	9.2	70.1	2.3	55.5
	29/06/2021 18:00	490.5	0.0	8.5	72.0	1.8	6.8
	29/06/2021 19:00	491.0	0.0	8.0	75.3	0.8	311.7
	29/06/2021 20:00	491.4	0.0	7.4	76.7	2.0	281.6
	29/06/2021 21:00	491.6	0.0	7.1	76.5	1.3	277.4
	29/06/2021 22:00	491.6	0.0	6.8	77.9	0.9	270.6
	29/06/2021 23:00	491.5	0.0	6.1	79.5	0.5	284.0
	30/06/2021 00:00	491.4	0.0	6.1	79.4	0.2	200.3
	30/06/2021 01:00	491.3	3.8	5.8	82.7	0.5	309.6
	30/06/2021 02:00	491.0	0.6	5.2	86.6	1.4	282.5
	30/06/2021 03:00	490.9	1.2	5.1	87.9	0.4	289.7
	30/06/2021 04:00	490.8	1.7	5.0	89.8	0.0	132.0
	30/06/2021 05:00	491.0	1.2	5.2	89.3	0.5	275.5
	30/06/2021 06:00	491.2	0.6	5.0	90.2	0.7	284.7
	30/06/2021 07:00	491.4	0.0	5.4	85.2	0.7	285.8
	30/06/2021 08:00	491.6	0.0	6.7	79.3	0.8	278.7
	30/06/2021 09:00	491.6	0.0	7.7	75.3	0.8	155.1
	30/06/2021 10:00	491.5	0.3	7.6	75.3	1.4	59.3
	30/06/2021 11:00	491.1	0.6	7.6	77.1	1.4	38.3
	30/06/2021 12:00	490.5	0.0	9.0	65.9	2.2	50.7
	30/06/2021 13:00	489.7	0.0	13.0	53.2	1.3	337.5
	30/06/2021 14:00	489.0	0.0	14.3	50.0	1.4	21.3
	30/06/2021 15:00	488.8	0.0	13.6	54.5	2.3	68.2
	30/06/2021 16:00	489.0	0.0	11.3	61.0	2.6	63.7
	30/06/2021 17:00	489.4	0.0	9.2	66.8	2.9	60.1
	30/06/2021 18:00	490.0	0.0	7.5	72.2	2.8	60.6
	30/06/2021 19:00	490.5	0.0	6.7	74.5	2.8	96.3
	30/06/2021 20:00	490.9	0.0	6.1	76.7	0.4	31.1
	30/06/2021 21:00	491.2	0.0	5.8	78.3	1.2	288.9
	30/06/2021 22:00	491.4	0.0	5.6	78.5	0.8	287.6
	30/06/2021 23:00	491.3	0.0	5.3	79.1	0.6	300.7

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en julio de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	6.92	6.94	7.02	6.92	6.84	6.92	7.10	7.10	7.41	7.31	7.13	7.18	7.44	7.13	7.18	7.36	7.20	7.31	7.26	7.31	7.20	7.28	7.28	7.41	7.28	7.36	7.41	7.31	7.68	7.65
01:00	6.97	6.76	6.86	6.84	6.68	6.71	7.05	6.94	7.26	7.02	7.28	7.00	7.34	7.26	7.41	7.26	7.13	7.47	7.76	7.60	7.18	7.05	7.36	7.55	7.13	7.34	7.70	7.49	7.60	7.60
02:00	7.02	6.76	6.94	6.76	6.58	6.84	7.00	7.10	7.07	7.28	7.02	7.26	7.26	8.07	7.52	7.05	7.23	7.36	7.28	7.15	7.52	7.36	7.39	7.47	7.52	7.18	7.57	7.41	7.57	7.68
03:00	6.92	6.94	6.94	7.23	6.65	7.05	7.28	7.15	7.28	7.07	7.13	7.00	7.39	8.04	7.55	7.23	7.20	7.47	7.26	7.65	7.55	7.28	7.52	7.39	7.47	7.44	7.68	7.44	7.62	7.65
04:00	7.20	7.00	7.28	6.84	6.45	7.20	7.44	7.44	7.36	7.36	8.36	7.23	7.55	7.57	8.31	8.23	7.20	7.55	7.41	7.81	7.34	7.15	7.65	7.83	7.70	7.76	7.62	7.57	7.60	7.70
05:00	7.47	6.86	7.23	6.89	6.79	8.93	7.39	7.55	7.52	7.86	8.17	7.65	7.23	7.28	7.73	9.07	7.31	7.28	7.47	7.68	7.41	7.52	7.28	8.17	7.65	7.49	8.23	7.60	7.73	7.39
06:00	7.49	7.13	7.28	6.94	6.73	12.84	7.55	7.65	7.83	8.25	8.59	7.34	7.76	7.55	7.81	7.62	7.28	7.44	7.44	8.23	7.65	7.55	7.76	7.89	8.02	8.25	7.57	7.52	7.65	7.62
07:00	6.86	7.31	7.62	7.28	6.84	18.05	7.65	8.57	7.73	8.70	7.81	7.73	7.52	7.89	7.44	8.38	7.23	8.04	7.81	7.55	8.07	7.41	7.65	7.99	8.17	8.17	7.65	7.65	7.57	7.76
08:00	7.02	7.44	7.26	6.94	6.86	16.53	7.28	8.02	7.47	8.20	7.65	7.28	7.62	7.65	7.28	8.59	7.10	7.96	7.65	7.36	7.52	7.26	7.23	7.55	7.73	7.73	7.52	7.96	8.04	7.62
09:00	7.02	6.92	7.15	7.10	6.76	8.31	7.10	7.44	7.28	7.36	7.34	7.18	7.62	7.41	7.34	8.83	7.18	7.68	7.52	8.38	7.55	7.31	7.31	7.65	7.78	7.49	7.65	8.46	7.65	8.02
10:00	7.62	7.34	7.18	7.02	7.05	7.34	7.39	7.65	7.62	7.28	7.28	7.65	7.39	7.41	7.49	8.59	7.62	7.73	7.36	8.52	7.60	7.73	7.52	7.91	7.99	7.36	7.83	8.46	7.81	8.15
11:00	7.55	7.15	7.13	7.10	7.10	7.49	7.39	7.65	7.62	7.36	7.26	7.36	7.60	7.31	7.89	10.38	7.91	7.81	7.41	7.78	7.76	7.86	7.86	7.78	7.73	7.81	8.17	7.73	7.94	7.73
12:00	7.70	7.15	7.13	7.05	7.02	7.44	7.57	7.52	7.31	7.81	7.23	7.20	7.20	7.39	7.55	9.96	7.65	7.28	7.76	7.23	7.81	7.55	7.57	7.57	8.17	7.78	7.83	7.73	7.76	7.81
13:00	7.26	7.28	7.76	6.86	7.05	7.05	7.18	7.13	7.44	7.78	7.05	7.41	7.28	7.55	7.55	7.28	7.20	7.78	7.65	7.47	7.65	7.41	7.60	7.20	7.91	7.73	7.55	7.49	7.78	7.91
14:00	6.97	6.68	6.68	6.86	7.00	7.02	7.07	6.97	7.13	7.13	7.20	7.36	7.13	7.34	7.26	10.03	7.31	7.55	7.65	7.39	7.36	7.39	7.47	7.23	8.83	7.55	7.44	7.41	7.55	7.41
15:00	6.76	6.92	6.89	6.76	7.07	7.05	6.94	7.00	6.94	7.13	7.05	7.15	7.55	7.28	6.94	9.64	7.20	7.41	7.68	7.47	7.36	7.41	7.55	7.31	7.81	7.65	7.41	7.68	7.31	7.57
16:00	6.76	7.39	6.94	6.47	6.92	7.28	7.05	7.13	7.07	7.10	7.23	7.23	8.96	7.31	9.38	16.72	7.02	7.23	7.39	7.55	7.44	7.39	7.57	7.41	7.52	7.76	7.83	7.73	7.57	7.62
17:00	6.79	6.94	6.97	6.71	6.79	7.39	7.00	7.26	6.89	7.41	7.36	7.02	20.75	7.57	7.68	10.85	7.23	7.18	7.73	7.78	7.49	7.28	7.34	7.34	7.41	7.57	7.62	7.89	7.68	7.52
18:00	6.79	7.23	6.63	6.65	6.94	6.97	7.15	6.94	7.05	7.28	7.55	7.28	9.48	7.70	9.62	8.07	7.26	7.47	7.68	7.52	7.41	7.23	7.47	7.41	7.41	7.65	7.60	7.52	7.55	7.81
19:00	6.76	7.44	6.84	6.79	6.97	7.10	6.76	6.94	7.62	7.52	7.60	7.55	9.22	7.28	12.18	7.76	7.41	7.15	7.65	7.41	7.28	7.28	7.52	7.31	7.28	7.78	7.55	7.78	7.83	7.68
20:00	6.68	7.00	7.10	7.02	6.86	7.13	7.05	7.15	7.49	7.18	7.55	7.39	7.86	7.26	7.62	7.39	7.05	7.39	7.23	7.52	7.41	7.28	7.39	7.81	7.28	7.73	7.57	7.68	7.68	7.41
21:00	7.05	7.26	6.86	7.02	6.97	7.13	6.79	7.02	7.00	7.28	7.28	7.28	7.20	7.47	7.49	7.34	7.13	7.23	7.44	7.60	7.39	7.39	7.76	7.83	7.44	7.41	7.83	7.68	7.65	7.60
22:00	6.86	7.15	6.52	6.45	6.84	6.89	6.86	7.28	7.02	7.41	7.18	7.31	7.62	7.55	7.34	7.39	7.20	7.44	7.23	7.52	7.26	7.34	7.13	7.89	7.76	7.65	7.73	7.55	7.68	7.65
23:00	6.84	7.23	6.55	7.18	6.76	7.20	7.13	7.28	6.94	7.23	7.49	7.28	7.44	7.36	7.39	7.28	7.10	7.49	7.41	7.23	7.28	7.52	7.55	7.68	7.47	7.60	7.41	7.55	7.44	7.55
Promedio de SO_2 en 24 h	**7.1**	**7.1**	**7.0**	**6.9**	**6.9**	**8.3**	**7.2**	**7.3**	**7.3**	**7.5**	**7.4**	**7.3**	**8.2**	**7.5**	**7.9**	**8.7**	**7.3**	**7.5**	**7.5**	**7.6**	**7.5**	**7.4**	**7.5**	**7.6**	**7.7**	**7.6**	**7.7**	**7.7**	**7.7**	**7.7**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																													

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en julio de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** No aplica

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	7.02	6.88	7.13	6.66	6.82	6.84	7.06	7.03	7.32	7.09	7.26	7.28	7.34	7.40	7.36	7.36	7.29	7.20	7.40	7.32	7.32	7.27	7.38	7.36	7.62	7.53	7.55	7.48	7.59	7.59
01:00	6.96	6.85	7.04	6.77	6.90	6.80	7.12	7.06	7.32	7.09	7.21	7.22	7.35	7.28	7.32	7.34	7.20	7.29	7.50	7.44	7.20	7.20	7.39	7.50	7.36	7.39	7.57	7.40	7.61	7.56
02:00	6.97	6.82	6.94	6.84	6.70	6.82	7.05	7.05	7.25	7.20	7.14	7.15	7.35	7.49	7.37	7.22	7.19	7.38	7.43	7.35	7.30	7.23	7.34	7.48	7.31	7.29	7.56	7.40	7.62	7.64
03:00	6.97	6.82	6.91	6.94	6.64	6.87	7.11	7.06	7.20	7.12	7.14	7.09	7.33	7.79	7.49	7.18	7.19	7.43	7.43	7.47	7.42	7.23	7.42	7.47	7.37	7.32	7.65	7.45	7.60	7.64
04:00	7.05	6.90	7.05	6.94	6.56	7.03	7.24	7.23	7.24	7.24	7.50	7.16	7.40	7.89	7.79	7.50	7.21	7.46	7.32	7.54	7.47	7.26	7.52	7.56	7.56	7.46	7.62	7.47	7.60	7.68
05:00	7.20	6.93	7.15	6.99	6.63	7.73	7.37	7.38	7.39	7.43	7.89	7.29	7.39	7.63	7.86	8.18	7.24	7.43	7.38	7.71	7.43	7.32	7.48	7.80	7.61	7.56	7.84	7.54	7.65	7.58
06:00	7.39	7.00	7.26	6.89	6.66	9.66	7.46	7.55	7.57	7.82	8.37	7.41	7.51	7.47	7.95	8.31	7.26	7.42	7.44	7.91	7.47	7.41	7.56	7.96	7.79	7.83	7.81	7.56	7.66	7.57
07:00	7.27	7.10	7.38	7.04	6.79	13.27	7.53	7.92	7.69	8.27	8.19	7.57	7.50	7.57	7.66	8.36	7.27	7.59	7.57	7.82	7.71	7.49	7.56	8.02	7.95	7.97	7.82	7.59	7.65	7.59
08:00	7.12	7.29	7.39	7.05	6.81	15.81	7.49	8.08	7.68	8.38	8.02	7.45	7.63	7.70	7.51	8.20	7.20	7.81	7.63	7.71	7.75	7.41	7.55	7.81	7.97	8.05	7.58	7.71	7.75	7.67
09:00	6.97	7.22	7.34	7.11	6.82	14.30	7.34	8.01	7.49	8.09	7.60	7.40	7.59	7.65	7.35	8.60	7.17	7.89	7.66	7.76	7.71	7.33	7.40	7.73	7.89	7.80	7.61	8.02	7.75	7.80
10:00	7.22	7.23	7.20	7.02	6.89	10.73	7.26	7.70	7.46	7.61	7.42	7.37	7.54	7.49	7.37	8.67	7.30	7.79	7.51	8.09	7.56	7.43	7.35	7.70	7.83	7.53	7.67	8.29	7.83	7.93
11:00	7.40	7.14	7.15	7.07	6.97	7.71	7.29	7.58	7.51	7.33	7.29	7.40	7.54	7.38	7.57	9.27	7.57	7.74	7.43	8.23	7.64	7.63	7.56	7.78	7.83	7.55	7.88	8.22	7.80	7.97
12:00	7.62	7.21	7.15	7.06	7.06	7.42	7.45	7.61	7.52	7.48	7.26	7.40	7.40	7.37	7.64	9.64	7.73	7.61	7.51	7.84	7.72	7.71	7.65	7.75	7.96	7.65	7.94	7.97	7.84	7.90
13:00	7.50	7.19	7.01	7.00	7.06	7.33	7.38	7.43	7.46	7.65	7.18	7.32	7.36	7.42	7.66	9.21	7.59	7.62	7.61	7.49	7.74	7.61	7.68	7.52	7.94	7.77	7.85	7.65	7.83	7.82
14:00	7.31	7.04	6.86	6.92	7.02	7.17	7.27	7.21	7.29	7.57	7.16	7.32	7.20	7.43	7.45	9.09	7.39	7.54	7.69	7.36	7.61	7.45	7.55	7.33	8.30	7.69	7.61	7.54	7.70	7.71
15:00	7.00	6.96	6.78	6.83	7.04	7.04	7.06	7.03	7.17	7.35	7.10	7.31	7.32	7.39	7.25	8.98	7.24	7.58	7.66	7.44	7.46	7.40	7.54	7.25	8.18	7.64	7.47	7.53	7.55	7.63
16:00	6.83	7.00	6.84	6.70	7.00	7.12	7.02	7.03	7.05	7.12	7.16	7.25	7.88	7.31	7.86	12.13	7.18	7.40	7.57	7.47	7.39	7.40	7.53	7.32	8.05	7.65	7.56	7.61	7.48	7.53
17:00	6.77	7.08	6.93	6.65	6.93	7.24	7.00	7.13	6.97	7.21	7.21	7.13	12.42	7.39	8.00	12.40	7.15	7.27	7.60	7.60	7.43	7.36	7.49	7.35	7.58	7.66	7.62	7.77	7.52	7.57
18:00	6.78	7.19	6.85	6.61	6.88	7.21	7.07	7.11	7.00	7.26	7.38	7.18	13.06	7.53	8.89	11.88	7.17	7.29	7.60	7.62	7.45	7.30	7.46	7.39	7.45	7.66	7.68	7.71	7.60	7.65
19:00	6.78	7.20	6.81	6.72	6.90	7.15	6.97	7.05	7.19	7.40	7.50	7.28	13.15	7.52	9.83	8.89	7.30	7.27	7.69	7.57	7.39	7.26	7.44	7.35	7.37	7.67	7.59	7.73	7.69	7.67
20:00	6.74	7.22	6.86	6.82	6.92	7.07	6.99	7.01	7.39	7.33	7.57	7.41	8.85	7.41	9.81	7.74	7.24	7.34	7.52	7.48	7.37	7.26	7.46	7.51	7.32	7.72	7.57	7.66	7.69	7.63
21:00	6.83	7.23	6.93	6.94	6.93	7.12	6.87	7.04	7.37	7.33	7.48	7.41	8.09	7.34	9.10	7.50	7.20	7.26	7.44	7.51	7.36	7.32	7.56	7.65	7.33	7.64	7.65	7.71	7.72	7.56
22:00	6.86	7.14	6.83	6.83	6.89	7.05	6.90	7.15	7.17	7.29	7.34	7.33	7.56	7.43	7.48	7.37	7.13	7.35	7.30	7.55	7.35	7.34	7.43	7.84	7.49	7.60	7.71	7.64	7.67	7.55
23:00	6.92	7.21	6.64	6.88	6.86	7.07	6.93	7.19	6.99	7.31	7.32	7.29	7.42	7.46	7.41	7.34	7.14	7.39	7.36	7.45	7.31	7.42	7.48	7.80	7.56	7.55	7.66	7.59	7.59	7.60

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en julio de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/07/2021 00:00	491.2	0.0	4.6	80.0	0.9	304.0
	1/07/2021 01:00	490.9	0.0	3.6	83.2	1.1	299.4
	1/07/2021 02:00	490.8	0.0	2.8	84.4	0.7	290.6
	1/07/2021 03:00	490.8	0.0	2.1	85.2	0.9	292.8
	1/07/2021 04:00	490.9	0.0	1.6	85.2	1.0	291.2
	1/07/2021 05:00	491.0	0.0	1.4	84.7	1.1	287.1
	1/07/2021 06:00	491.3	0.0	1.4	84.0	1.4	283.8
	1/07/2021 07:00	491.7	0.0	1.4	86.2	1.4	341.5
	1/07/2021 08:00	492.1	0.0	1.9	84.9	0.7	4.0
	1/07/2021 09:00	492.0	0.0	4.4	75.3	0.8	101.0
	1/07/2021 10:00	491.7	0.0	7.5	59.3	1.0	99.0
	1/07/2021 11:00	491.2	0.0	10.7	40.2	1.0	83.9
1	1/07/2021 12:00	490.7	0.0	12.4	33.2	2.0	6.2
	1/07/2021 13:00	490.3	0.0	13.2	26.1	2.3	22.1
	1/07/2021 14:00	490.1	0.0	13.1	23.4	2.3	31.0
	1/07/2021 15:00	489.9	0.0	13.3	18.8	1.4	61.0
	1/07/2021 16:00	490.0	0.0	11.8	24.4	1.2	110.5
	1/07/2021 17:00	490.3	0.0	10.3	35.7	1.7	47.9
	1/07/2021 18:00	490.7	0.0	8.6	40.2	2.3	68.2
	1/07/2021 19:00	491.2	0.0	7.4	42.1	1.6	87.7
	1/07/2021 20:00	491.4	0.0	6.6	40.0	1.9	112.8
	1/07/2021 21:00	491.8	0.0	5.1	51.5	1.0	280.8
	1/07/2021 22:00	492.1	0.0	3.9	54.6	1.2	333.6
	1/07/2021 23:00	492.1	0.0	2.7	55.6	1.4	325.8
	2/07/2021 00:00	492.2	0.0	1.5	61.1	1.6	296.7
	2/07/2021 01:00	492.0	0.0	0.4	66.6	1.5	290.1
	2/07/2021 02:00	491.7	0.0	-0.6	68.3	1.6	294.9
	2/07/2021 03:00	491.7	0.0	-1.3	69.9	1.5	282.5
	2/07/2021 04:00	491.8	0.0	-1.9	71.7	1.4	291.0
	2/07/2021 05:00	492.1	0.0	-2.4	74.2	1.4	281.7
	2/07/2021 06:00	492.4	0.0	-2.7	75.7	1.3	280.7
	2/07/2021 07:00	492.9	0.0	-2.8	76.0	1.2	282.0
	2/07/2021 08:00	493.2	0.0	-0.4	68.3	0.5	315.8
	2/07/2021 09:00	493.0	0.0	3.3	53.0	0.7	296.7
	2/07/2021 10:00	492.6	0.0	7.3	36.9	0.8	150.4
2	2/07/2021 11:00	491.9	0.0	10.2	30.2	1.2	126.4
	2/07/2021 12:00	491.2	0.0	12.9	25.7	1.4	145.3
	2/07/2021 13:00	490.8	0.0	13.7	24.5	1.7	97.9
	2/07/2021 14:00	490.4	0.0	14.0	24.9	1.8	25.1
	2/07/2021 15:00	490.3	0.0	13.5	28.8	1.8	64.7
	2/07/2021 16:00	490.5	0.0	11.7	33.9	1.9	85.8
	2/07/2021 17:00	490.7	0.0	10.2	36.6	2.2	62.9
	2/07/2021 18:00	491.2	0.0	8.7	41.1	2.1	47.3
	2/07/2021 19:00	491.7	0.0	7.7	44.2	1.4	351.4
	2/07/2021 20:00	492.1	0.0	6.8	47.6	1.3	358.3
	2/07/2021 21:00	492.5	0.0	5.1	56.4	0.9	280.9
	2/07/2021 22:00	492.6	0.0	3.7	61.4	1.0	298.8
	2/07/2021 23:00	492.7	0.0	2.8	61.7	1.2	328.6
	3/07/2021 00:00	492.6	0.0	1.6	68.2	1.5	294.2
	3/07/2021 01:00	492.4	0.0	0.5	73.0	1.2	295.0
	3/07/2021 02:00	492.3	0.0	-0.2	75.6	1.1	287.0
	3/07/2021 03:00	492.2	0.0	-0.8	77.6	1.3	290.7
	3/07/2021 04:00	492.2	0.0	-1.4	79.4	1.0	282.6
	3/07/2021 05:00	492.6	0.0	-1.8	80.2	1.2	287.2
	3/07/2021 06:00	493.2	0.0	-2.2	80.7	1.4	281.0
	3/07/2021 07:00	493.7	0.0	-2.4	80.7	1.3	291.1
	3/07/2021 08:00	493.9	0.0	-0.4	75.3	0.7	302.2
	3/07/2021 09:00	493.8	0.0	3.8	59.6	0.5	129.9
	3/07/2021 10:00	493.3	0.0	7.1	50.7	0.8	114.3
3	3/07/2021 11:00	492.7	0.0	10.5	33.3	1.4	147.2
	3/07/2021 12:00	492.2	0.0	12.2	19.8	2.3	142.8
	3/07/2021 13:00	491.7	0.0	13.0	17.8	2.0	140.8
	3/07/2021 14:00	491.2	0.0	13.3	18.5	1.7	87.3
	3/07/2021 15:00	491.0	0.0	13.0	21.4	2.0	33.0
	3/07/2021 16:00	491.0	0.0	11.2	28.6	2.3	37.1
	3/07/2021 17:00	491.2	0.0	9.9	34.4	1.9	48.9
	3/07/2021 18:00	491.7	0.0	8.1	38.9	2.3	12.1
	3/07/2021 19:00	492.0	0.0	6.8	43.2	1.1	79.7

	3/07/2021 20:00	492.4	0.0	5.7	45.5	1.0	30.8
	3/07/2021 21:00	492.8	0.0	4.3	52.7	1.1	283.8
	3/07/2021 22:00	492.9	0.0	2.9	57.0	1.6	327.2
	3/07/2021 23:00	493.0	0.0	1.9	59.1	1.6	348.1
	4/07/2021 00:00	492.8	0.0	0.8	66.2	1.4	305.6
	4/07/2021 01:00	492.6	0.0	-0.2	72.0	1.3	283.4
	4/07/2021 02:00	492.3	0.0	-0.9	74.5	1.1	291.0
	4/07/2021 03:00	492.2	0.0	-1.5	77.1	1.4	295.5
	4/07/2021 04:00	492.2	0.0	-2.0	78.8	1.1	288.1
	4/07/2021 05:00	492.4	0.0	-2.4	79.9	0.9	292.3
	4/07/2021 06:00	492.8	0.0	-2.8	80.3	1.2	289.9
	4/07/2021 07:00	493.1	0.0	-3.0	80.4	1.1	285.3
	4/07/2021 08:00	493.3	0.0	-0.7	73.1	0.4	45.2
	4/07/2021 09:00	493.1	0.0	3.1	58.8	0.6	87.2
	4/07/2021 10:00	492.7	0.0	7.2	40.6	0.7	149.7
4	4/07/2021 11:00	492.0	0.0	10.3	28.5	1.2	134.4
	4/07/2021 12:00	491.4	0.0	13.0	17.0	1.5	138.5
	4/07/2021 13:00	490.9	0.0	14.2	12.0	2.1	102.5
	4/07/2021 14:00	490.4	0.0	14.8	11.8	1.9	73.4
	4/07/2021 15:00	490.1	0.0	14.6	12.7	1.8	107.4
	4/07/2021 16:00	490.0	0.0	13.2	16.7	1.3	67.2
	4/07/2021 17:00	490.2	0.0	11.6	23.6	1.8	68.1
	4/07/2021 18:00	490.8	0.0	9.7	27.0	1.9	44.1
	4/07/2021 19:00	491.2	0.0	8.2	29.4	3.3	92.1
	4/07/2021 20:00	491.7	0.0	6.6	34.4	1.3	260.3
	4/07/2021 21:00	492.0	0.0	4.8	39.9	1.9	2.8
	4/07/2021 22:00	492.2	0.0	3.5	42.9	1.4	348.0
	4/07/2021 23:00	492.3	0.0	2.1	52.4	1.3	283.7
	5/07/2021 00:00	492.3	0.0	0.9	57.0	1.2	296.1
	5/07/2021 01:00	492.1	0.0	0.0	60.2	1.4	289.3
	5/07/2021 02:00	492.0	0.0	-0.7	62.8	1.1	288.5
	5/07/2021 03:00	492.0	0.0	-1.2	65.7	1.0	288.6
	5/07/2021 04:00	492.1	0.0	-1.6	67.1	1.1	291.6
	5/07/2021 05:00	492.3	0.0	-2.0	68.6	0.9	303.5
	5/07/2021 06:00	492.6	0.0	-2.5	70.3	1.2	286.7
	5/07/2021 07:00	493.0	0.0	-2.6	71.3	1.1	296.8
	5/07/2021 08:00	493.2	0.0	-0.2	62.5	0.6	337.7
	5/07/2021 09:00	492.9	0.0	3.9	48.8	0.7	268.7
	5/07/2021 10:00	492.3	0.0	8.2	31.7	0.7	128.6
5	5/07/2021 11:00	491.6	0.0	11.9	29.6	1.1	141.2
	5/07/2021 12:00	491.0	0.0	14.5	28.9	1.9	111.7
	5/07/2021 13:00	490.5	0.0	15.3	26.7	1.7	68.8
	5/07/2021 14:00	490.0	0.0	15.3	26.7	2.3	32.5
	5/07/2021 15:00	490.0	0.0	15.1	28.2	2.0	30.1
	5/07/2021 16:00	490.1	0.0	13.2	33.2	2.3	57.4
	5/07/2021 17:00	490.4	0.0	12.0	33.0	2.0	85.7
	5/07/2021 18:00	490.9	0.0	9.7	42.7	2.4	67.0
	5/07/2021 19:00	491.4	0.0	8.2	47.6	1.9	82.8
	5/07/2021 20:00	492.0	0.0	6.9	52.5	1.7	117.0
	5/07/2021 21:00	492.4	0.0	5.2	56.5	1.1	329.8
	5/07/2021 22:00	492.5	0.0	4.0	45.0	1.9	0.5
	5/07/2021 23:00	492.6	0.0	2.8	54.8	1.3	318.7
	6/07/2021 00:00	492.5	0.0	1.2	72.6	1.4	290.9
	6/07/2021 01:00	492.4	0.0	0.3	74.2	1.0	288.3
	6/07/2021 02:00	492.3	0.0	-0.3	75.4	1.3	288.2
	6/07/2021 03:00	492.2	0.0	-0.9	77.1	1.2	288.9
	6/07/2021 04:00	492.4	0.0	-1.4	78.3	1.0	281.4
	6/07/2021 05:00	492.6	0.0	-1.7	78.8	0.9	289.6
	6/07/2021 06:00	492.8	0.0	-2.2	79.6	1.1	287.6
	6/07/2021 07:00	493.0	0.0	-2.4	79.8	1.1	294.5
	6/07/2021 08:00	493.2	0.0	0.1	70.7	0.4	19.0
	6/07/2021 09:00	492.9	0.0	4.3	55.0	0.6	285.8
	6/07/2021 10:00	492.4	0.0	8.5	42.3	0.7	137.3
6	6/07/2021 11:00	491.7	0.0	12.3	32.6	0.8	174.0
	6/07/2021 12:00	491.0	0.0	14.8	27.8	1.1	197.6
	6/07/2021 13:00	490.3	0.0	15.3	26.3	1.5	189.6
	6/07/2021 14:00	489.8	0.0	15.9	25.5	1.8	55.8
	6/07/2021 15:00	489.5	0.0	15.5	27.4	2.0	54.5
	6/07/2021 16:00	489.5	0.0	13.5	33.0	2.4	50.4
	6/07/2021 17:00	489.7	0.0	11.9	37.6	1.8	55.7
	6/07/2021 18:00	490.0	0.0	10.3	41.2	2.6	82.5
	6/07/2021 19:00	490.3	0.0	9.2	44.3	2.9	74.8
	6/07/2021 20:00	490.7	0.0	8.3	46.1	1.6	13.3
	6/07/2021 21:00	491.1	0.0	6.1	54.6	1.5	295.0
	6/07/2021 22:00	491.2	0.0	4.9	54.8	0.9	351.7
	6/07/2021 23:00	491.3	0.0	3.8	60.9	0.9	310.9
	7/07/2021 00:00	491.3	0.0	2.6	67.2	1.0	291.7
	7/07/2021 01:00	491.0	0.0	1.6	71.7	1.1	293.5
	7/07/2021 02:00	490.9	0.0	0.8	75.0	1.0	284.3
	7/07/2021 03:00	490.8	0.0	0.3	77.4	1.0	287.5
	7/07/2021 04:00	490.9	0.0	-0.4	78.9	1.1	283.0
	7/07/2021 05:00	491.2	0.0	-0.8	79.6	1.0	280.4
	7/07/2021 06:00	491.4	0.0	-1.3	80.4	1.1	287.3
	7/07/2021 07:00	491.7	0.0	-1.5	80.5	1.1	285.4
	7/07/2021 08:00	491.8	0.0	0.9	73.9	0.6	287.0
	7/07/2021 09:00	491.7	0.0	5.2	61.2	0.4	110.9
	7/07/2021 10:00	491.2	0.0	9.1	52.8	0.9	154.7
7	7/07/2021 11:00	490.5	0.0	12.6	39.4	0.9	181.9
	7/07/2021 12:00	489.9	0.0	14.6	28.5	1.5	115.7
	7/07/2021 13:00	489.3	0.0	15.4	22.7	1.8	87.9
	7/07/2021 14:00	488.8	0.0	15.6	24.1	2.1	60.6
	7/07/2021 15:00	488.5	0.0	15.1	29.2	1.9	76.7
	7/07/2021 16:00	488.4	0.0	13.0	34.5	2.6	54.6
	7/07/2021 17:00	488.8	0.0	11.1	38.8	2.5	32.6
	7/07/2021 18:00	489.2	0.0	9.5	42.0	2.1	87.3

	7/07/2021 19:00	489.7	0.0	8.2	44.5	1.9	37.3
	7/07/2021 20:00	490.1	0.0	6.4	48.1	2.5	3.9
	7/07/2021 21:00	490.5	0.0	5.0	51.9	2.2	5.1
	7/07/2021 22:00	490.8	0.0	4.0	56.0	1.7	353.9
	7/07/2021 23:00	491.0	0.0	2.9	64.5	0.9	297.3
	8/07/2021 00:00	491.0	0.0	1.8	69.9	1.2	286.9
	8/07/2021 01:00	490.9	0.0	0.9	73.4	1.3	285.6
	8/07/2021 02:00	490.8	0.0	0.2	75.5	1.2	288.0
	8/07/2021 03:00	490.7	0.0	-0.3	76.6	1.4	299.4
	8/07/2021 04:00	490.7	0.0	-0.1	76.7	0.9	289.8
	8/07/2021 05:00	490.9	0.0	0.0	75.7	0.8	298.1
	8/07/2021 06:00	491.2	0.0	-0.2	74.3	0.7	307.6
	8/07/2021 07:00	491.6	0.0	-0.3	76.6	0.7	287.6
	8/07/2021 08:00	491.9	0.0	1.9	70.9	0.9	289.3
	8/07/2021 09:00	491.8	0.0	6.1	58.4	0.7	135.8
	8/07/2021 10:00	491.4	0.0	8.8	50.8	1.2	123.7
8	8/07/2021 11:00	490.8	0.0	12.5	39.0	0.9	276.7
	8/07/2021 12:00	490.0	0.0	14.8	30.2	1.3	228.8
	8/07/2021 13:00	489.4	0.0	15.3	27.3	2.3	128.8
	8/07/2021 14:00	488.8	0.0	15.8	28.2	1.9	72.4
	8/07/2021 15:00	488.4	0.0	15.5	30.6	2.4	52.7
	8/07/2021 16:00	488.4	0.0	13.8	38.4	1.9	82.5
	8/07/2021 17:00	488.8	0.0	12.1	42.0	1.7	67.8
	8/07/2021 18:00	489.3	0.0	10.5	49.5	1.6	47.4
	8/07/2021 19:00	489.8	0.0	9.3	54.6	2.6	88.3
	8/07/2021 20:00	490.3	0.0	8.3	60.8	1.9	7.3
	8/07/2021 21:00	490.8	0.0	7.0	66.1	1.7	346.2
	8/07/2021 22:00	491.0	0.0	6.0	69.7	0.8	318.4
	8/07/2021 23:00	491.1	0.0	4.7	73.9	1.0	285.2
	9/07/2021 00:00	491.2	0.0	3.5	77.6	1.3	288.3
	9/07/2021 01:00	491.1	0.0	2.6	79.1	1.2	284.8
	9/07/2021 02:00	490.9	0.0	1.8	79.7	1.2	291.9
	9/07/2021 03:00	490.7	0.0	1.0	80.6	0.8	291.4
	9/07/2021 04:00	490.7	0.0	0.5	81.0	0.9	297.0
	9/07/2021 05:00	490.8	0.0	-0.1	81.7	1.1	289.3
	9/07/2021 06:00	491.2	0.0	-0.6	81.9	1.0	292.7
	9/07/2021 07:00	491.4	0.0	-0.7	81.6	0.9	285.7
	9/07/2021 08:00	491.6	0.0	1.8	72.3	0.4	74.1
	9/07/2021 09:00	491.4	0.0	5.6	60.3	0.5	72.0
	9/07/2021 10:00	491.0	0.0	9.3	47.8	0.8	166.7
9	9/07/2021 11:00	490.6	0.0	12.9	35.4	0.9	257.9
	9/07/2021 12:00	490.1	0.0	15.1	26.4	1.5	98.9
	9/07/2021 13:00	489.6	0.0	15.7	26.0	1.5	11.8
	9/07/2021 14:00	488.9	0.0	16.2	27.9	1.8	28.5
	9/07/2021 15:00	488.7	0.0	15.4	32.9	1.9	67.7
	9/07/2021 16:00	488.7	0.0	13.8	36.5	2.0	67.3
	9/07/2021 17:00	489.1	0.0	12.2	40.8	2.0	66.0
	9/07/2021 18:00	489.7	0.0	10.4	47.2	2.0	73.8
	9/07/2021 19:00	490.3	0.0	8.9	54.3	1.5	23.3
	9/07/2021 20:00	490.7	0.0	7.6	59.4	2.4	4.6
	9/07/2021 21:00	491.0	0.0	6.2	60.2	2.0	4.7
	9/07/2021 22:00	491.1	0.0	5.3	61.7	1.4	358.7
	9/07/2021 23:00	491.2	0.0	4.3	65.5	1.8	342.8
	10/07/2021 00:00	491.2	0.0	2.9	76.8	1.4	287.9
	10/07/2021 01:00	491.0	0.0	2.0	78.7	1.1	291.5
	10/07/2021 02:00	490.8	0.0	1.4	79.2	1.1	292.6
	10/07/2021 03:00	490.6	0.0	1.0	78.6	0.9	297.4
	10/07/2021 04:00	490.7	0.0	0.6	79.7	1.2	292.6
	10/07/2021 05:00	490.9	0.0	0.2	80.1	1.1	295.2
	10/07/2021 06:00	491.1	0.0	-0.3	80.2	1.2	297.6
	10/07/2021 07:00	491.4	0.0	-0.3	78.7	0.8	298.3
	10/07/2021 08:00	491.6	0.0	2.8	69.2	0.5	329.4
	10/07/2021 09:00	491.3	0.0	6.6	62.1	0.7	95.3
	10/07/2021 10:00	490.7	0.0	10.1	53.2	0.8	111.3
10	10/07/2021 11:00	490.1	0.0	13.1	40.6	1.3	146.3
	10/07/2021 12:00	489.6	0.0	15.1	33.3	2.4	121.3
	10/07/2021 13:00	489.2	0.0	15.3	35.3	2.2	44.5
	10/07/2021 14:00	488.8	0.0	14.9	39.7	2.4	93.4
	10/07/2021 15:00	488.5	0.0	14.2	43.5	2.0	71.5
	10/07/2021 16:00	488.6	0.0	12.2	52.3	1.8	68.6
	10/07/2021 17:00	489.0	0.0	10.4	58.7	2.1	46.2
	10/07/2021 18:00	489.6	0.0	9.3	59.5	2.5	4.5
	10/07/2021 19:00	490.1	0.0	8.6	63.9	1.2	21.4
	10/07/2021 20:00	490.6	0.0	7.4	70.0	1.4	81.6
	10/07/2021 21:00	491.0	0.0	7.1	72.3	0.7	10.7
	10/07/2021 22:00	491.0	0.0	6.5	73.2	1.2	324.9
	10/07/2021 23:00	491.1	0.0	6.4	73.6	0.8	10.1
	11/07/2021 00:00	491.1	0.0	5.8	75.5	0.8	343.0
	11/07/2021 01:00	490.7	0.0	4.5	78.0	0.6	321.7
	11/07/2021 02:00	490.4	0.0	3.7	76.7	1.6	9.0
	11/07/2021 03:00	490.3	0.0	2.9	79.4	1.2	310.5
	11/07/2021 04:00	490.4	0.0	2.4	81.1	0.8	290.3
	11/07/2021 05:00	490.8	0.0	3.1	77.9	0.5	305.0
	11/07/2021 06:00	491.0	0.0	3.1	75.9	1.7	302.4
	11/07/2021 07:00	491.2	0.0	3.8	74.0	0.3	295.4
	11/07/2021 08:00	491.2	0.0	5.3	69.5	1.1	125.9
	11/07/2021 09:00	491.2	0.0	7.3	64.6	1.0	110.6
	11/07/2021 10:00	491.0	0.0	9.9	57.0	1.4	97.1
11	11/07/2021 11:00	490.7	0.0	11.1	54.1	3.1	131.5
	11/07/2021 12:00	490.2	0.0	12.3	49.8	3.3	143.1
	11/07/2021 13:00	489.5	0.0	13.9	44.0	2.5	50.8
	11/07/2021 14:00	489.0	0.0	14.2	44.5	2.7	44.0
	11/07/2021 15:00	488.7	0.0	13.8	47.7	2.9	42.2
	11/07/2021 16:00	489.0	0.0	11.5	57.3	2.5	49.5
	11/07/2021 17:00	489.2	0.0	9.7	65.2	2.5	45.0

11/07/2021 18:00	489.6	0.0	8.8	68.7	2.0	51.0
11/07/2021 19:00	490.0	0.0	8.1	71.0	1.2	14.1
11/07/2021 20:00	490.4	0.0	8.0	71.3	0.5	78.4
11/07/2021 21:00	490.8	0.0	8.0	69.3	1.1	21.8
11/07/2021 22:00	490.8	0.0	7.9	70.2	0.8	26.6
11/07/2021 23:00	490.7	0.0	7.8	69.7	0.6	323.2
12/07/2021 00:00	490.5	0.0	7.5	70.8	0.3	322.5
12/07/2021 01:00	490.3	0.0	7.0	72.3	1.0	358.1
12/07/2021 02:00	490.2	0.0	6.1	74.6	1.2	348.9
12/07/2021 03:00	490.1	0.0	4.8	78.6	1.1	282.9
12/07/2021 04:00	490.2	0.0	4.0	79.1	0.8	258.9
12/07/2021 05:00	490.6	0.0	3.1	80.0	1.0	281.9
12/07/2021 06:00	490.9	0.0	2.6	80.3	1.1	286.3
12/07/2021 07:00	491.5	0.0	3.2	78.0	1.2	285.3
12/07/2021 08:00	491.8	0.0	5.3	73.3	0.8	15.8
12/07/2021 09:00	491.9	0.0	7.1	68.9	0.5	152.0
12/07/2021 10:00	491.6	0.0	9.6	59.3	0.5	210.8
12/07/2021 11:00	491.0	0.0	12.1	49.6	0.6	254.2
12/07/2021 12:00	490.4	0.0	13.5	41.7	0.8	245.9
12/07/2021 13:00	490.1	0.0	13.8	45.4	1.7	70.2
12/07/2021 14:00	489.7	0.0	14.0	45.3	1.7	59.7
12/07/2021 15:00	489.4	0.0	13.4	52.8	2.4	93.6
12/07/2021 16:00	489.6	0.0	11.6	62.4	2.3	79.8
12/07/2021 17:00	490.0	0.0	10.2	67.3	2.2	68.5
12/07/2021 18:00	490.3	0.0	9.3	71.6	2.0	71.7
12/07/2021 19:00	490.7	0.0	8.9	72.9	1.3	91.2
12/07/2021 20:00	491.2	0.0	8.6	74.3	1.0	39.6
12/07/2021 21:00	491.4	0.0	8.2	77.1	1.3	42.2
12/07/2021 22:00	491.5	0.0	8.5	74.2	1.0	38.2
12/07/2021 23:00	491.4	0.0	8.4	75.0	1.1	335.0
13/07/2021 00:00	491.3	0.0	8.1	77.8	1.2	294.0
13/07/2021 01:00	491.1	0.0	8.0	77.4	0.6	311.5
13/07/2021 02:00	490.8	0.0	7.3	79.1	0.4	294.3
13/07/2021 03:00	490.6	0.0	7.1	78.8	0.9	285.3
13/07/2021 04:00	490.7	0.0	6.6	79.0	1.5	285.9
13/07/2021 05:00	490.9	0.0	6.3	78.9	1.6	277.6
13/07/2021 06:00	491.1	0.0	5.9	77.1	0.7	287.5
13/07/2021 07:00	491.4	0.0	6.5	75.7	0.7	327.5
13/07/2021 08:00	491.8	0.0	8.4	68.9	0.5	199.2
13/07/2021 09:00	491.7	0.0	10.3	59.9	1.1	129.1
13/07/2021 10:00	491.4	0.0	12.7	48.5	0.8	196.6
13/07/2021 11:00	490.9	0.0	14.3	40.5	0.9	235.8
13/07/2021 12:00	490.4	0.0	14.8	38.6	1.2	138.4
13/07/2021 13:00	490.0	0.0	15.4	42.6	1.5	40.8
13/07/2021 14:00	489.8	0.0	13.8	53.7	2.4	60.0
13/07/2021 15:00	489.9	0.0	12.5	61.0	2.1	72.2
13/07/2021 16:00	490.0	0.0	11.4	63.6	2.3	73.2
13/07/2021 17:00	490.3	0.0	10.6	67.2	1.6	77.1
13/07/2021 18:00	490.7	0.0	9.4	69.5	1.6	70.6
13/07/2021 19:00	490.9	0.0	8.8	70.5	1.0	28.2
13/07/2021 20:00	491.3	0.0	7.7	73.4	1.4	336.9
13/07/2021 21:00	491.7	0.0	6.8	77.0	1.8	45.7
13/07/2021 22:00	491.9	0.0	5.7	78.6	1.1	271.4
13/07/2021 23:00	492.0	0.0	4.8	79.5	0.7	274.3
14/07/2021 00:00	491.9	0.0	4.7	78.7	0.9	279.2
14/07/2021 01:00	491.6	0.0	4.7	77.8	1.4	279.6
14/07/2021 02:00	491.5	0.0	4.7	74.2	1.0	286.6
14/07/2021 03:00	491.4	0.0	4.5	75.1	1.4	296.1
14/07/2021 04:00	491.4	0.0	4.1	76.0	1.3	290.3
14/07/2021 05:00	491.5	0.0	3.8	77.8	1.3	306.0
14/07/2021 06:00	491.9	0.0	3.3	78.2	1.5	310.9
14/07/2021 07:00	492.2	0.0	3.6	77.0	1.2	292.0
14/07/2021 08:00	492.5	0.0	4.7	74.7	0.5	276.8
14/07/2021 09:00	492.7	0.0	7.1	69.1	0.5	275.1
14/07/2021 10:00	492.2	0.0	9.2	63.8	1.0	181.0
14/07/2021 11:00	491.4	0.0	11.2	57.8	1.3	136.9
14/07/2021 12:00	490.5	0.0	14.3	44.5	1.3	133.4
14/07/2021 13:00	489.8	0.0	16.4	35.7	0.8	170.2
14/07/2021 14:00	489.4	0.0	15.8	41.8	2.3	76.8
14/07/2021 15:00	489.4	0.0	14.3	50.5	2.8	56.0
14/07/2021 16:00	489.6	0.0	11.6	62.5	2.5	57.7
14/07/2021 17:00	489.8	0.0	10.3	65.2	2.0	80.0
14/07/2021 18:00	490.2	0.0	9.4	67.3	1.2	91.3
14/07/2021 19:00	490.7	0.0	8.7	69.1	1.5	52.4
14/07/2021 20:00	491.1	0.0	8.0	70.1	0.8	55.0
14/07/2021 21:00	491.3	0.0	7.1	73.1	1.2	324.5
14/07/2021 22:00	491.4	0.0	6.3	75.0	1.8	357.4
14/07/2021 23:00	491.5	0.0	5.1	78.0	1.9	6.1
15/07/2021 00:00	491.5	0.0	4.3	78.0	1.2	349.2
15/07/2021 01:00	491.3	0.0	4.1	80.1	0.8	296.6
15/07/2021 02:00	491.1	0.0	3.9	80.3	0.9	281.0
15/07/2021 03:00	491.0	0.0	3.7	80.2	1.7	282.0
15/07/2021 04:00	491.0	0.0	3.7	78.3	1.1	294.5
15/07/2021 05:00	491.1	0.0	3.9	77.7	1.0	289.7
15/07/2021 06:00	491.5	0.0	4.3	78.6	0.8	275.7
15/07/2021 07:00	491.8	0.0	4.7	77.6	0.8	279.5
15/07/2021 08:00	492.1	0.0	5.3	75.6	0.5	327.4
15/07/2021 09:00	492.2	0.0	6.7	70.2	0.8	291.6
15/07/2021 10:00	491.8	0.0	9.1	61.0	1.0	177.9
15/07/2021 11:00	490.9	0.0	12.4	43.0	1.2	125.2
15/07/2021 12:00	490.2	0.0	15.2	32.6	1.0	270.6
15/07/2021 13:00	489.5	0.0	17.2	27.4	1.7	0.5
15/07/2021 14:00	489.1	0.0	17.2	30.1	2.6	65.0
15/07/2021 15:00	489.0	0.0	15.5	39.8	3.0	93.7
15/07/2021 16:00	489.2	0.0	12.8	53.6	2.7	72.1

	15/07/2021 17:00	489.7	0.0	10.6	63.8	2.6	95.1
	15/07/2021 18:00	490.3	0.0	9.3	68.5	1.6	76.7
	15/07/2021 19:00	490.6	0.0	8.8	69.2	1.1	60.5
	15/07/2021 20:00	490.8	0.0	8.2	71.0	0.8	80.8
	15/07/2021 21:00	490.9	0.0	7.8	71.0	1.9	22.8
	15/07/2021 22:00	491.0	0.0	7.2	71.8	1.8	20.3
	15/07/2021 23:00	491.0	0.0	6.3	74.2	1.8	282.3
	16/07/2021 00:00	491.0	0.0	6.0	75.2	1.3	274.4
	16/07/2021 01:00	490.8	0.0	5.7	76.8	1.7	278.1
	16/07/2021 02:00	490.6	0.0	5.2	78.0	2.2	278.2
	16/07/2021 03:00	490.5	0.0	4.5	79.3	2.3	278.5
	16/07/2021 04:00	490.6	0.0	3.7	79.8	1.6	278.7
	16/07/2021 05:00	490.8	0.0	3.5	79.1	0.7	281.4
	16/07/2021 06:00	491.1	0.0	3.2	76.2	1.5	299.4
	16/07/2021 07:00	491.5	0.0	3.1	74.8	1.1	284.8
	16/07/2021 08:00	491.7	0.0	4.1	73.0	0.6	269.3
	16/07/2021 09:00	491.7	0.0	6.1	67.5	0.9	147.6
	16/07/2021 10:00	491.2	0.0	9.3	54.4	0.7	291.5
16	16/07/2021 11:00	490.5	0.0	12.2	44.0	0.8	179.8
	16/07/2021 12:00	489.9	0.0	14.2	41.2	1.2	259.0
	16/07/2021 13:00	489.4	0.0	14.7	40.7	1.6	286.6
	16/07/2021 14:00	489.0	0.0	14.7	42.8	2.1	66.3
	16/07/2021 15:00	488.9	0.0	14.4	47.2	2.3	92.2
	16/07/2021 16:00	489.0	0.0	12.7	54.3	2.0	86.4
	16/07/2021 17:00	489.3	0.0	11.2	61.4	2.2	83.8
	16/07/2021 18:00	489.9	0.0	9.4	68.5	2.0	64.5
	16/07/2021 19:00	490.4	0.0	8.8	70.5	1.4	75.9
	16/07/2021 20:00	490.8	0.0	8.4	70.8	1.5	23.6
	16/07/2021 21:00	491.0	0.0	7.7	71.4	2.2	11.4
	16/07/2021 22:00	491.2	0.0	6.8	72.3	1.9	4.8
	16/07/2021 23:00	491.3	0.0	5.8	74.9	1.1	347.9
	17/07/2021 00:00	491.3	0.0	5.1	76.0	0.9	333.5
	17/07/2021 01:00	491.2	0.0	4.2	77.8	0.9	316.9
	17/07/2021 02:00	491.0	0.0	3.5	81.2	1.0	283.5
	17/07/2021 03:00	491.0	0.0	3.1	81.9	1.5	277.5
	17/07/2021 04:00	491.0	0.0	2.7	82.4	0.7	294.9
	17/07/2021 05:00	491.1	0.0	3.3	80.4	0.5	25.4
	17/07/2021 06:00	491.4	0.0	3.8	79.3	0.9	314.1
	17/07/2021 07:00	491.8	0.0	3.7	79.2	1.3	293.6
	17/07/2021 08:00	492.1	0.0	3.8	78.1	1.2	277.6
	17/07/2021 09:00	492.1	0.0	5.8	71.2	0.7	255.4
	17/07/2021 10:00	491.7	0.0	8.8	61.6	0.8	42.4
17	17/07/2021 11:00	491.0	0.0	12.4	45.6	0.9	4.8
	17/07/2021 12:00	490.1	0.0	15.6	26.5	1.1	285.3
	17/07/2021 13:00	489.8	0.0	16.4	25.1	2.4	42.0
	17/07/2021 14:00	489.2	0.0	16.4	27.8	2.1	40.0
	17/07/2021 15:00	489.1	0.0	15.7	30.2	2.8	36.7
	17/07/2021 16:00	489.2	0.0	14.1	31.9	2.3	51.3
	17/07/2021 17:00	489.4	0.0	12.7	36.0	1.7	71.5
	17/07/2021 18:00	490.0	0.0	11.0	43.2	2.3	30.4
	17/07/2021 19:00	490.6	0.0	9.9	50.3	1.2	78.0
	17/07/2021 20:00	491.1	0.0	8.6	61.2	2.0	56.4
	17/07/2021 21:00	491.5	0.0	7.3	66.8	2.2	14.7
	17/07/2021 22:00	491.8	0.0	5.8	68.6	1.4	345.5
	17/07/2021 23:00	492.1	0.0	5.0	74.9	1.8	302.2
	18/07/2021 00:00	491.9	0.0	4.4	72.2	1.3	278.5
	18/07/2021 01:00	491.8	0.0	4.1	73.0	0.8	264.6
	18/07/2021 02:00	491.7	0.0	3.1	78.4	0.7	265.9
	18/07/2021 03:00	491.5	0.0	2.3	79.8	1.0	279.6
	18/07/2021 04:00	491.6	0.0	2.0	79.9	1.0	284.0
	18/07/2021 05:00	491.7	0.0	2.3	78.5	1.0	295.7
	18/07/2021 06:00	492.1	0.0	3.0	74.9	0.8	299.1
	18/07/2021 07:00	492.5	0.0	2.4	78.3	1.4	289.9
	18/07/2021 08:00	492.8	0.0	3.5	74.4	1.1	281.8
	18/07/2021 09:00	492.8	0.0	5.4	67.0	0.4	274.4
	18/07/2021 10:00	492.5	0.0	7.4	61.0	0.4	125.6
18	18/07/2021 11:00	492.0	0.0	9.4	56.2	0.6	310.0
	18/07/2021 12:00	491.5	0.0	10.9	51.4	1.0	276.0
	18/07/2021 13:00	490.7	0.0	13.2	42.2	1.0	296.9
	18/07/2021 14:00	489.9	0.0	13.8	40.1	0.8	298.9
	18/07/2021 15:00	489.5	0.0	14.4	40.7	1.4	13.6
	18/07/2021 16:00	489.5	0.0	12.6	47.4	2.2	63.5
	18/07/2021 17:00	489.8	0.0	10.9	58.3	1.9	82.6
	18/07/2021 18:00	490.4	0.0	9.0	68.5	2.3	43.3
	18/07/2021 19:00	490.9	0.0	8.1	69.8	1.6	64.6
	18/07/2021 20:00	491.6	0.0	7.9	69.8	0.8	65.8
	18/07/2021 21:00	492.0	0.0	8.1	69.3	0.7	33.2
	18/07/2021 22:00	492.1	0.0	8.0	71.1	1.0	58.0
	18/07/2021 23:00	492.0	0.0	7.5	74.4	1.7	49.1
	19/07/2021 00:00	492.0	0.0	6.8	75.5	1.9	57.3
	19/07/2021 01:00	491.6	0.0	6.8	74.3	1.2	10.2
	19/07/2021 02:00	491.3	0.0	6.4	77.8	0.8	286.9
	19/07/2021 03:00	491.1	0.0	5.9	78.6	0.6	285.4
	19/07/2021 04:00	491.1	0.0	5.2	78.9	0.8	324.5
	19/07/2021 05:00	491.5	0.0	4.5	74.7	2.1	12.8
	19/07/2021 06:00	491.9	0.0	4.6	75.9	1.0	322.4
	19/07/2021 07:00	492.4	0.0	5.0	77.1	0.5	248.2
	19/07/2021 08:00	492.6	0.0	6.8	70.6	0.4	138.3
	19/07/2021 09:00	492.5	0.0	8.5	63.9	0.5	117.7
	19/07/2021 10:00	492.3	0.0	10.1	57.8	0.7	192.3
19	19/07/2021 11:00	491.7	0.0	12.5	50.5	0.7	309.0
	19/07/2021 12:00	491.0	0.0	13.8	45.2	1.3	289.2
	19/07/2021 13:00	490.0	0.0	15.3	39.7	1.3	34.5
	19/07/2021 14:00	489.3	0.0	15.4	40.5	2.7	38.3
	19/07/2021 15:00	489.0	0.0	14.9	43.2	2.2	73.8

	19/07/2021 16:00	489.5	0.0	12.7	49.5	1.7	89.9
	19/07/2021 17:00	490.2	0.0	11.0	55.6	1.4	266.8
	19/07/2021 18:00	490.8	0.0	8.9	65.0	1.6	248.7
	19/07/2021 19:00	491.3	0.0	7.5	71.2	1.8	299.0
	19/07/2021 20:00	491.5	0.0	6.8	73.2	1.6	303.9
	19/07/2021 21:00	491.7	0.0	6.3	74.1	0.8	343.2
	19/07/2021 22:00	491.7	0.0	5.4	73.4	1.9	10.6
	19/07/2021 23:00	491.9	0.0	4.7	74.0	1.8	1.5
	20/07/2021 00:00	491.7	0.0	4.3	77.0	1.3	316.3
	20/07/2021 01:00	491.3	0.0	3.8	79.5	1.5	293.7
	20/07/2021 02:00	491.0	0.0	2.9	80.9	2.0	282.5
	20/07/2021 03:00	490.9	0.0	2.3	81.4	1.2	284.7
	20/07/2021 04:00	490.9	0.0	1.9	82.0	0.7	280.9
	20/07/2021 05:00	491.0	0.0	1.4	83.0	1.2	293.5
	20/07/2021 06:00	491.4	0.0	0.8	84.3	1.5	285.5
	20/07/2021 07:00	491.8	0.0	1.0	86.1	1.2	281.5
	20/07/2021 08:00	492.0	0.0	2.1	84.4	1.5	282.2
	20/07/2021 09:00	492.0	0.0	4.4	75.6	0.8	251.5
	20/07/2021 10:00	491.7	0.0	8.0	64.9	1.0	213.8
20	20/07/2021 11:00	490.9	0.0	11.9	50.7	1.3	284.4
	20/07/2021 12:00	490.1	0.0	13.5	45.1	0.5	317.1
	20/07/2021 13:00	489.3	0.0	14.0	42.4	0.8	7.2
	20/07/2021 14:00	488.8	0.0	14.5	45.8	3.0	40.1
	20/07/2021 15:00	488.6	0.0	12.9	52.4	2.2	68.8
	20/07/2021 16:00	489.5	0.0	10.4	62.6	2.2	358.8
	20/07/2021 17:00	490.3	0.0	7.8	72.6	1.4	184.4
	20/07/2021 18:00	490.6	0.0	6.9	73.7	1.2	119.5
	20/07/2021 19:00	490.9	0.0	6.8	73.6	1.2	28.0
	20/07/2021 20:00	491.2	0.0	6.7	74.2	1.1	11.1
	20/07/2021 21:00	491.6	0.0	6.5	74.6	0.9	332.4
	20/07/2021 22:00	491.7	0.0	5.6	77.2	0.9	275.0
	20/07/2021 23:00	491.8	0.0	5.3	77.5	1.1	326.3
	21/07/2021 00:00	491.6	0.0	5.3	77.7	0.4	274.8
	21/07/2021 01:00	491.2	0.0	5.4	77.7	0.4	289.4
	21/07/2021 02:00	490.8	0.0	5.2	78.5	0.4	295.9
	21/07/2021 03:00	490.6	0.0	4.3	80.3	0.5	325.4
	21/07/2021 04:00	490.7	0.0	3.4	82.1	0.7	302.5
	21/07/2021 05:00	490.9	0.0	2.9	80.7	0.3	344.7
	21/07/2021 06:00	491.3	0.0	2.6	81.6	1.1	299.1
	21/07/2021 07:00	491.8	0.0	3.4	77.9	0.9	297.8
	21/07/2021 08:00	492.3	0.0	4.2	79.1	0.6	349.1
	21/07/2021 09:00	492.4	0.0	5.2	77.8	0.8	184.4
	21/07/2021 10:00	492.2	0.0	7.1	72.4	0.9	150.6
21	21/07/2021 11:00	491.6	0.0	10.4	60.3	1.3	171.3
	21/07/2021 12:00	490.9	0.0	13.2	43.1	1.9	158.0
	21/07/2021 13:00	490.4	0.0	14.2	40.6	2.4	114.6
	21/07/2021 14:00	489.9	0.0	14.4	43.8	2.4	75.0
	21/07/2021 15:00	489.8	0.0	13.5	47.2	2.6	60.3
	21/07/2021 16:00	490.1	0.0	11.4	54.2	2.4	59.1
	21/07/2021 17:00	490.6	0.0	9.4	64.0	2.6	54.8
	21/07/2021 18:00	491.2	0.0	8.1	69.0	2.0	25.9
	21/07/2021 19:00	491.8	0.0	7.3	70.9	1.1	42.8
	21/07/2021 20:00	492.2	0.0	6.9	71.1	1.4	10.5
	21/07/2021 21:00	492.6	0.0	6.7	71.3	1.2	347.4
	21/07/2021 22:00	492.7	0.0	6.0	71.2	1.2	0.1
	21/07/2021 23:00	492.7	0.0	4.7	73.1	1.7	351.1
	22/07/2021 00:00	492.6	0.0	3.5	74.8	1.1	352.7
	22/07/2021 01:00	492.5	0.0	2.6	78.3	1.3	292.8
	22/07/2021 02:00	492.3	0.0	1.9	79.7	1.8	279.6
	22/07/2021 03:00	492.2	0.0	1.7	79.6	1.6	276.9
	22/07/2021 04:00	492.3	0.0	1.8	79.0	1.5	278.1
	22/07/2021 05:00	492.4	0.0	2.2	79.9	1.6	279.8
	22/07/2021 06:00	492.9	0.0	2.0	80.9	1.5	287.5
	22/07/2021 07:00	493.2	0.0	1.7	81.7	1.9	280.8
	22/07/2021 08:00	493.5	0.0	2.5	78.6	0.9	285.0
	22/07/2021 09:00	493.5	0.0	5.1	69.1	0.6	239.7
	22/07/2021 10:00	493.0	0.0	8.4	57.7	1.0	138.4
22	22/07/2021 11:00	492.3	0.0	11.9	45.9	1.2	176.1
	22/07/2021 12:00	491.9	0.0	13.9	37.4	2.0	108.1
	22/07/2021 13:00	491.6	0.0	14.0	37.1	2.9	114.7
	22/07/2021 14:00	491.2	0.0	13.8	36.6	3.0	117.5
	22/07/2021 15:00	491.0	0.0	13.7	36.5	2.5	84.0
	22/07/2021 16:00	490.9	0.0	12.2	41.2	1.8	75.1
	22/07/2021 17:00	491.3	0.0	10.7	48.0	1.5	34.2
	22/07/2021 18:00	491.7	0.0	8.9	59.5	1.6	28.8
	22/07/2021 19:00	492.3	0.0	7.6	67.2	1.2	1.6
	22/07/2021 20:00	492.7	0.0	7.3	67.6	1.2	352.3
	22/07/2021 21:00	492.9	0.0	6.9	68.0	1.4	358.7
	22/07/2021 22:00	492.9	0.0	5.7	69.8	1.3	336.5
	22/07/2021 23:00	493.0	0.0	4.5	71.6	1.8	346.1
	23/07/2021 00:00	492.9	0.0	3.5	74.0	1.1	329.3
	23/07/2021 01:00	492.6	0.0	2.4	78.0	1.3	286.7
	23/07/2021 02:00	492.5	0.0	1.5	79.5	1.4	279.7
	23/07/2021 03:00	492.5	0.0	0.7	80.4	1.4	285.2
	23/07/2021 04:00	492.6	0.0	0.0	81.2	1.4	273.5
	23/07/2021 05:00	492.8	0.0	-0.4	81.6	1.0	282.6
	23/07/2021 06:00	493.1	0.0	-0.6	81.3	1.0	290.2
	23/07/2021 07:00	493.4	0.0	-0.3	79.8	0.7	4.6
	23/07/2021 08:00	493.7	0.0	1.7	76.9	1.1	277.9
	23/07/2021 09:00	493.6	0.0	4.9	66.4	0.5	235.2
	23/07/2021 10:00	493.0	0.0	8.3	54.8	0.6	229.5
23	23/07/2021 11:00	492.3	0.0	12.3	35.5	1.1	165.8
	23/07/2021 12:00	491.7	0.0	14.3	23.9	2.4	152.2
	23/07/2021 13:00	491.2	0.0	14.9	24.8	2.4	138.4
	23/07/2021 14:00	490.6	0.0	15.6	26.4	2.2	88.9

	23/07/2021 15:00	490.2	0.0	15.2	29.3	2.1	96.6
	23/07/2021 16:00	490.2	0.0	13.3	36.4	2.7	29.0
	23/07/2021 17:00	490.5	0.0	11.6	41.7	2.0	65.7
	23/07/2021 18:00	490.8	0.0	10.0	45.4	1.9	17.2
	23/07/2021 19:00	491.0	0.0	8.8	47.7	1.8	9.1
	23/07/2021 20:00	491.2	0.0	8.1	51.5	1.9	346.4
	23/07/2021 21:00	491.7	0.0	6.9	54.9	1.8	357.0
	23/07/2021 22:00	491.9	0.0	5.1	53.4	2.9	11.1
	23/07/2021 23:00	491.9	0.0	4.1	60.2	1.1	347.5
	24/07/2021 00:00	492.0	0.0	2.9	66.6	1.3	309.8
	24/07/2021 01:00	491.8	0.0	1.7	73.3	1.2	285.0
	24/07/2021 02:00	491.8	0.0	0.9	75.4	1.2	279.6
	24/07/2021 03:00	491.7	0.0	0.2	77.4	1.2	290.1
	24/07/2021 04:00	491.8	0.0	-0.5	79.1	1.3	284.8
	24/07/2021 05:00	492.0	0.0	-1.0	79.9	1.4	289.9
	24/07/2021 06:00	492.3	0.0	-1.3	80.5	1.2	289.3
	24/07/2021 07:00	492.5	0.0	-1.4	80.5	1.2	290.2
	24/07/2021 08:00	492.7	0.0	1.3	72.7	0.6	346.8
	24/07/2021 09:00	492.4	0.0	5.4	61.8	0.5	166.6
	24/07/2021 10:00	491.9	0.0	9.3	49.1	0.9	152.1
	24/07/2021 11:00	491.2	0.0	13.5	27.3	0.8	201.0
24	24/07/2021 12:00	490.7	0.0	15.2	24.8	2.0	103.9
	24/07/2021 13:00	490.3	0.0	15.8	24.5	2.6	89.5
	24/07/2021 14:00	489.8	0.0	15.9	25.3	2.9	42.6
	24/07/2021 15:00	489.7	0.0	15.0	28.4	3.3	56.4
	24/07/2021 16:00	489.9	0.0	13.3	33.5	2.6	104.1
	24/07/2021 17:00	490.1	0.0	11.4	36.7	2.5	29.5
	24/07/2021 18:00	490.6	0.0	10.1	40.4	1.4	41.9
	24/07/2021 19:00	490.9	0.0	8.9	44.1	1.5	48.6
	24/07/2021 20:00	491.2	0.0	7.7	50.1	1.4	42.6
	24/07/2021 21:00	491.6	0.0	6.4	52.0	2.3	10.9
	24/07/2021 22:00	491.7	0.0	5.1	53.8	2.0	12.7
	24/07/2021 23:00	491.7	0.0	4.2	57.6	1.3	340.0
	25/07/2021 00:00	491.7	0.0	3.1	68.1	1.3	290.0
	25/07/2021 01:00	491.4	0.0	2.2	72.6	1.6	288.9
	25/07/2021 02:00	491.3	0.0	1.4	75.4	1.2	287.7
	25/07/2021 03:00	491.3	0.0	0.8	77.1	1.2	291.8
	25/07/2021 04:00	491.3	0.0	0.5	78.4	0.9	290.0
	25/07/2021 05:00	491.4	0.0	0.4	79.1	0.9	278.6
	25/07/2021 06:00	491.7	0.0	0.1	79.9	1.1	287.8
	25/07/2021 07:00	492.0	0.0	-0.1	80.4	1.0	282.8
	25/07/2021 08:00	492.2	0.0	2.7	71.6	0.4	69.0
	25/07/2021 09:00	491.8	0.0	6.8	59.2	0.4	143.0
	25/07/2021 10:00	491.3	0.0	10.2	50.8	1.0	132.4
	25/07/2021 11:00	490.7	0.0	12.5	42.1	0.9	135.2
25	25/07/2021 12:00	490.3	0.0	13.4	33.9	1.9	123.2
	25/07/2021 13:00	490.0	0.0	14.8	30.2	2.4	95.2
	25/07/2021 14:00	489.6	0.0	14.7	31.1	2.5	67.0
	25/07/2021 15:00	489.4	0.0	14.0	32.4	2.5	47.8
	25/07/2021 16:00	489.3	0.0	12.4	37.4	2.0	66.4
	25/07/2021 17:00	489.5	0.0	10.6	46.8	1.9	41.7
	25/07/2021 18:00	490.0	0.0	8.6	59.5	1.5	63.4
	25/07/2021 19:00	490.5	0.0	7.8	65.7	1.5	60.7
	25/07/2021 20:00	490.9	0.0	7.4	67.0	0.9	48.7
	25/07/2021 21:00	491.2	0.0	6.5	67.7	2.0	8.2
	25/07/2021 22:00	491.4	0.0	5.1	70.0	2.3	8.3
	25/07/2021 23:00	491.4	0.0	4.4	73.3	0.8	339.7
	26/07/2021 00:00	491.3	0.0	3.4	77.9	1.2	293.2
	26/07/2021 01:00	491.2	0.0	2.5	79.5	1.2	289.1
	26/07/2021 02:00	491.0	0.0	2.0	80.0	0.9	287.8
	26/07/2021 03:00	490.9	0.0	1.4	81.6	0.9	287.8
	26/07/2021 04:00	491.0	0.0	0.8	82.7	1.2	288.0
	26/07/2021 05:00	491.3	0.0	0.5	82.6	1.5	277.0
	26/07/2021 06:00	491.5	0.0	0.8	79.7	1.3	281.3
	26/07/2021 07:00	491.8	0.0	1.5	78.2	0.9	284.4
	26/07/2021 08:00	492.2	0.0	2.8	76.7	0.7	262.0
	26/07/2021 09:00	492.3	0.0	4.0	73.8	2.0	274.5
	26/07/2021 10:00	491.8	0.0	7.5	60.3	0.7	163.9
	26/07/2021 11:00	491.1	0.0	12.0	44.6	0.5	232.8
26	26/07/2021 12:00	490.5	0.0	13.6	37.9	0.5	234.1
	26/07/2021 13:00	490.0	0.0	14.8	36.5	1.5	66.9
	26/07/2021 14:00	489.4	0.0	15.2	39.3	2.1	109.2
	26/07/2021 15:00	489.1	0.0	14.5	46.0	2.3	65.0
	26/07/2021 16:00	489.2	0.0	11.8	57.8	2.9	39.0
	26/07/2021 17:00	489.7	0.0	9.9	65.2	2.3	47.7
	26/07/2021 18:00	490.0	0.0	8.9	67.0	2.1	62.0
	26/07/2021 19:00	490.5	0.0	8.7	66.6	1.3	40.9
	26/07/2021 20:00	490.8	0.0	8.4	67.6	2.1	23.5
	26/07/2021 21:00	491.3	0.0	7.4	71.7	1.8	24.8
	26/07/2021 22:00	491.4	0.0	6.3	74.3	1.5	347.6
	26/07/2021 23:00	491.5	0.0	5.0	76.0	1.9	359.1
	27/07/2021 00:00	491.4	0.0	4.1	78.3	0.9	309.7
	27/07/2021 01:00	491.3	0.0	3.1	81.4	1.3	288.2
	27/07/2021 02:00	491.1	0.0	3.0	81.3	1.4	281.8
	27/07/2021 03:00	490.9	0.0	2.9	81.0	1.6	278.1
	27/07/2021 04:00	490.9	0.0	3.1	79.4	0.9	284.5
	27/07/2021 05:00	491.0	0.0	3.6	75.3	0.7	299.7
	27/07/2021 06:00	491.2	0.0	4.0	73.2	0.5	310.6
	27/07/2021 07:00	491.5	0.0	4.6	72.4	0.5	233.7
	27/07/2021 08:00	492.0	0.0	5.3	69.5	1.3	278.6
	27/07/2021 09:00	492.1	0.0	7.4	61.6	0.8	316.3
	27/07/2021 10:00	491.8	0.0	9.9	55.8	0.7	296.4
	27/07/2021 11:00	491.1	0.0	11.5	51.6	1.1	107.0
27	27/07/2021 12:00	490.4	0.0	13.5	44.6	0.8	101.1
	27/07/2021 13:00	489.9	0.0	15.2	43.8	2.6	57.8

27/07/2021 14:00	489.5	0.0	14.7	48.4	3.3	68.4
27/07/2021 15:00	489.4	0.0	13.4	53.3	3.0	79.6
27/07/2021 16:00	489.3	0.0	11.5	59.2	2.5	59.0
27/07/2021 17:00	489.6	0.0	9.8	64.7	2.1	56.0
27/07/2021 18:00	490.2	0.0	8.7	67.4	1.4	56.7
27/07/2021 19:00	490.8	0.0	8.0	68.8	1.1	8.8
27/07/2021 20:00	491.2	0.0	7.6	69.3	1.4	31.5
27/07/2021 21:00	491.5	0.0	7.4	70.3	1.4	313.2
27/07/2021 22:00	491.5	0.0	7.0	71.0	1.7	343.3
27/07/2021 23:00	491.4	0.0	6.2	71.3	1.5	12.0
28/07/2021 00:00	491.4	0.0	5.3	74.0	0.9	338.8
28/07/2021 01:00	491.2	0.0	4.4	73.5	1.0	348.3
28/07/2021 02:00	490.8	0.0	3.8	77.5	1.1	290.3
28/07/2021 03:00	490.5	0.0	3.8	77.9	1.2	283.8

	28/07/2021 04:00	490.6	0.0	3.3	79.1	1.0	279.0
	28/07/2021 05:00	490.6	0.0	3.4	78.3	0.8	289.4
	28/07/2021 06:00	490.8	0.0	3.7	77.4	0.6	279.4
	28/07/2021 07:00	491.2	0.0	4.1	76.7	0.5	289.2
	28/07/2021 08:00	491.4	0.0	6.0	71.2	0.4	143.8
	28/07/2021 09:00	491.6	0.0	8.1	65.5	0.3	270.8
	28/07/2021 10:00	491.2	0.0	10.2	57.2	0.6	247.2
28	28/07/2021 11:00	490.6	0.0	12.2	46.5	1.5	280.3
	28/07/2021 12:00	490.2	0.0	13.3	47.9	2.1	84.8
	28/07/2021 13:00	489.6	0.0	13.9	46.9	1.9	80.2
	28/07/2021 14:00	489.0	0.0	14.0	49.0	2.9	106.8
	28/07/2021 15:00	488.6	0.0	13.4	53.4	2.4	70.3
	28/07/2021 16:00	488.6	0.0	11.8	60.4	2.0	68.6
	28/07/2021 17:00	489.0	0.0	9.4	69.0	2.9	41.4
	28/07/2021 18:00	489.7	0.0	8.7	71.8	1.8	16.4
	28/07/2021 19:00	490.3	0.0	8.6	71.4	1.2	6.5
	28/07/2021 20:00	490.8	0.0	8.1	73.6	1.6	20.7
	28/07/2021 21:00	491.1	0.0	7.9	73.3	1.0	40.6
	28/07/2021 22:00	491.2	0.0	7.4	75.6	1.1	89.9
	28/07/2021 23:00	491.2	0.0	7.5	74.8	0.9	33.4
	29/07/2021 00:00	491.0	0.0	7.6	73.6	1.3	65.3
	29/07/2021 01:00	490.6	0.0	7.5	72.0	1.1	10.4
	29/07/2021 02:00	490.4	0.0	7.4	74.8	1.0	285.2
	29/07/2021 03:00	490.1	0.0	7.2	74.2	1.2	283.3
	29/07/2021 04:00	490.2	0.0	6.9	73.6	1.1	282.9
	29/07/2021 05:00	490.3	0.0	6.4	74.9	1.1	284.1
	29/07/2021 06:00	490.6	0.0	5.5	75.0	1.0	343.0
	29/07/2021 07:00	490.8	0.0	5.4	76.3	0.8	275.3
	29/07/2021 08:00	491.0	0.0	7.6	69.1	0.6	100.7
	29/07/2021 09:00	490.9	0.0	9.9	58.5	0.8	217.8
	29/07/2021 10:00	490.7	0.0	11.4	51.0	2.0	295.8
29	29/07/2021 11:00	490.2	0.0	12.2	47.6	2.1	280.9
	29/07/2021 12:00	489.6	0.0	13.8	40.3	1.7	306.1
	29/07/2021 13:00	489.0	0.0	14.0	46.3	1.8	67.9
	29/07/2021 14:00	488.6	0.0	13.9	51.6	2.7	54.2
	29/07/2021 15:00	488.4	0.0	12.7	58.6	2.8	78.1
	29/07/2021 16:00	488.6	0.0	10.5	66.2	3.0	61.3
	29/07/2021 17:00	489.1	0.0	9.3	70.3	2.1	52.0
	29/07/2021 18:00	489.5	0.0	8.9	71.2	1.3	38.7
	29/07/2021 19:00	489.8	0.0	8.8	71.3	1.4	54.2
	29/07/2021 20:00	490.2	0.0	8.5	71.5	1.1	46.2
	29/07/2021 21:00	490.6	0.0	8.7	70.6	1.1	48.4
	29/07/2021 22:00	490.8	0.0	8.4	73.1	1.3	63.3
	29/07/2021 23:00	490.8	0.0	8.2	74.4	1.3	39.9
	30/07/2021 00:00	490.6	0.0	7.9	75.5	1.3	44.3
	30/07/2021 01:00	490.3	0.0	7.5	75.3	0.9	356.8
	30/07/2021 02:00	490.2	0.0	7.0	77.0	0.5	293.5
	30/07/2021 03:00	490.2	0.0	6.5	73.6	1.3	293.6
	30/07/2021 04:00	490.4	0.0	5.6	71.8	1.0	297.5
	30/07/2021 05:00	490.7	0.0	5.0	72.8	0.9	317.1
	30/07/2021 06:00	491.0	0.0	4.1	73.6	1.3	312.2
	30/07/2021 07:00	491.5	0.0	3.9	75.5	0.6	333.4
	30/07/2021 08:00	491.8	0.0	5.4	69.9	0.5	35.5
	30/07/2021 09:00	491.6	0.0	8.2	62.2	1.0	134.8
	30/07/2021 10:00	491.3	0.0	10.8	52.9	0.9	189.9
	30/07/2021 11:00	490.6	0.0	12.8	47.6	1.2	273.1
	30/07/2021 12:00	489.9	0.0	13.9	48.6	2.1	49.0
	30/07/2021 13:00	489.2	0.0	14.5	48.8	2.3	61.3
	30/07/2021 14:00	488.9	0.0	14.4	51.9	2.8	80.9
	30/07/2021 15:00	488.8	0.0	13.3	56.0	3.0	75.5
	30/07/2021 16:00	489.1	0.0	10.4	66.2	3.1	66.6
	30/07/2021 17:00	489.6	0.0	9.0	71.3	2.3	74.3
	30/07/2021 18:00	490.1	0.0	8.4	72.7	1.5	61.0
	30/07/2021 19:00	490.6	0.0	8.0	74.1	1.8	45.6
	30/07/2021 20:00	491.0	0.0	7.8	75.0	1.3	62.7
	30/07/2021 21:00	491.2	0.0	7.5	76.5	1.7	41.5
	30/07/2021 22:00	491.3	0.0	7.3	77.9	0.9	45.8
	30/07/2021 23:00	491.1	0.0	7.4	77.1	1.0	38.7
	31/07/2021 00:00	490.9	0.0	7.1	78.4	1.7	50.6
	31/07/2021 01:00	490.5	0.0	7.0	78.5	1.1	26.7
	31/07/2021 02:00	490.2	0.0	7.2	77.0	0.9	26.2
	31/07/2021 03:00	490.2	0.0	6.9	77.5	0.6	354.7
	31/07/2021 04:00	490.1	0.0	6.2	79.3	0.9	287.5
	31/07/2021 05:00	490.3	0.0	5.7	78.9	0.9	33.3
	31/07/2021 06:00	490.7	0.0	5.1	80.8	0.5	309.3
	31/07/2021 07:00	491.1	0.0	4.9	80.6	0.2	128.2
	31/07/2021 08:00	491.4	0.0	6.5	76.2	0.6	146.7
	31/07/2021 09:00	491.5	0.0	9.1	64.0	0.8	205.2
	31/07/2021 10:00	491.3	0.0	11.8	51.1	0.9	284.8
30	31/07/2021 11:00	490.8	0.0	12.9	49.9	2.1	49.4
	31/07/2021 12:00	490.3	0.0	13.6	49.0	3.1	116.6
	31/07/2021 13:00	489.8	0.0	13.6	50.9	3.2	91.3
	31/07/2021 14:00	489.6	0.0	13.0	54.4	3.1	77.6
	31/07/2021 15:00	489.6	0.0	10.9	62.9	4.1	32.4
	31/07/2021 16:00	490.1	0.0	9.5	68.2	2.6	54.1
	31/07/2021 17:00	490.5	0.0	8.8	69.9	1.8	34.7
	31/07/2021 18:00	491.0	0.0	8.3	71.3	1.5	21.3
	31/07/2021 19:00	491.5	0.0	7.8	74.0	1.4	41.8
	31/07/2021 20:00	491.8	0.0	7.7	75.2	0.7	41.8
	31/07/2021 21:00	491.9	0.0	7.7	74.2	1.6	22.0
	31/07/2021 22:00	492.0	0.0	7.6	74.1	1.0	32.4
	31/07/2021 23:00	491.9	0.0	7.6	74.5	0.9	41.8

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en agosto de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	7.02	7.81	7.65	7.96	7.68	7.96	7.83	7.68	7.86	7.99	8.02	8.31	8.07	7.83	7.81	7.96	8.15	8.59	8.75	8.17	8.44	8.59	8.54	8.17	8.28	8.46	8.20	8.52	8.36	8.59	8.17
01:00	6.96	7.76	7.44	7.55	7.44	7.60	7.62	7.78	7.89	7.65	8.23	7.81	7.91	7.73	7.99	8.54	7.89	8.41	8.23	8.20	8.46	8.12	8.36	8.02	8.57	8.12	8.28	8.25	8.36	8.36	8.36
02:00	6.97	7.55	7.89	7.60	7.55	7.57	7.81	7.52	7.62	7.57	7.83	7.89	7.94	7.89	7.94	8.04	7.91	8.20	8.25	8.20	8.02	8.25	8.07	8.12	8.33	8.20	8.41	8.02	8.46	8.57	8.33
03:00	6.97	7.57	7.62	7.49	7.39	7.65	7.62	7.96	7.81	7.78	7.83	7.81	7.89	7.99	7.94	7.94	7.91	8.07	8.23	8.44	8.12	8.23	7.91	8.17	8.31	8.17	8.17	8.17	8.62	8.46	8.41
04:00	7.05	7.49	7.49	7.65	7.60	7.83	7.96	7.78	7.68	7.89	7.55	7.94	8.02	8.15	8.07	7.76	8.20	8.28	8.38	8.33	8.02	8.17	8.17	8.17	8.17	8.28	8.36	8.31	8.44	8.36	8.17
05:00	7.20	7.55	7.55	7.68	7.68	8.59	7.89	7.89	7.81	7.83	7.91	8.59	8.02	8.23	8.20	7.83	7.83	7.94	8.99	8.38	8.38	8.02	7.78	8.07	8.72	8.17	8.33	8.38	8.46	8.17	8.12
06:00	7.39	7.52	7.55	8.02	7.91	10.27	7.78	7.39	7.78	7.73	7.99	8.93	8.36	8.04	8.04	7.57	8.10	8.25	8.59	8.33	8.23	8.02	8.17	7.91	10.38	8.31	8.57	8.59	8.57	8.07	8.41
07:00	7.27	7.55	7.89	8.12	8.04	11.21	7.91	7.81	8.02	7.68	7.76	8.36	8.31	8.07	7.86	7.65	8.44	8.46	9.56	8.99	8.46	8.25	8.17	8.41	9.69	9.12	8.59	8.80	8.57	8.33	8.57
08:00	7.12	7.41	7.65	8.10	7.83	9.54	7.86	7.73	7.65	7.81	8.31	8.33	8.10	8.04	7.91	7.86	7.86	7.81	9.25	8.54	8.59	8.17	8.12	8.31	8.80	8.65	8.80	8.41	8.52	8.28	8.44
09:00	6.97	7.49	7.65	7.81	7.76	8.17	7.94	7.65	7.73	7.68	7.86	8.17	8.17	8.72	7.99	7.89	8.15	7.91	8.57	8.65	8.44	8.36	8.17	8.33	8.46	8.31	8.49	8.36	8.31	8.17	8.33
10:00	7.22	7.78	7.62	7.99	8.07	7.81	8.07	7.96	7.91	7.83	7.86	7.94	8.31	9.27	8.04	8.33	7.91	8.17	8.44	9.20	8.36	8.44	8.17	8.41	8.75	8.28	8.33	8.20	8.33	8.72	8.54
11:00	7.40	7.68	7.55	8.25	7.99	8.10	8.15	8.02	8.33	8.31	8.20	8.17	8.28	9.27	7.96	7.91	8.02	8.59	8.31	10.74	8.44	8.88	8.23	8.36	8.31	8.10	8.33	8.17	8.52	8.65	8.46
12:00	7.62	7.60	7.65	7.81	8.02	7.94	7.78	7.86	8.07	7.86	8.33	8.31	7.94	9.17	8.31	8.07	8.17	8.44	8.46	11.58	8.52	8.70	8.17	8.33	8.23	8.41	8.33	8.25	8.49	8.46	8.36
13:00	7.50	7.76	7.49	7.47	7.60	7.57	8.10	7.81	8.07	7.65	7.91	7.94	7.81	8.36	7.91	8.28	7.96	8.25	8.44	9.75	7.99	8.20	8.15	8.33	7.94	8.07	8.23	8.07	8.57	8.44	8.31
14:00	7.31	7.49	7.55	7.55	7.81	7.34	8.04	7.86	7.78	7.68	7.68	7.73	7.83	8.12	8.04	7.99	7.96	8.31	8.28	9.38	7.94	8.12	8.31	8.17	8.44	8.31	8.17	8.17	8.17	8.62	8.23
15:00	7.00	7.78	7.49	7.83	7.68	7.70	7.60	7.65	7.78	8.04	7.91	7.78	7.83	8.07	8.07	7.96	7.65	8.23	8.20	9.41	8.52	7.99	8.46	8.04	8.44	8.31	8.31	8.10	8.28	8.31	8.31
16:00	6.83	7.47	7.47	9.88	7.41	7.55	7.52	7.76	7.62	7.73	7.76	7.73	7.91	7.81	8.17	8.17	7.73	8.15	7.81	8.86	9.59	7.78	8.17	7.91	8.28	8.23	8.07	8.15	8.25	8.10	8.28
17:00	6.77	7.78	7.70	8.33	7.41	7.65	7.41	7.70	7.62	7.55	7.81	7.83	7.81	7.83	7.81	8.46	7.73	8.07	7.94	8.52	10.38	8.02	8.23	8.04	8.04	8.31	8.12	8.20	8.41	7.96	8.04
18:00	6.78	7.47	7.81	7.70	7.65	7.65	7.78	7.78	7.91	7.89	7.78	7.73	7.81	7.70	7.91	7.70	7.91	8.49	8.02	8.49	9.75	8.10	8.10	8.04	8.31	8.25	8.36	8.31	8.07	8.28	8.17
19:00	6.78	7.81	7.81	7.55	7.60	7.76	7.65	7.81	7.44	8.04	8.07	7.89	8.07	7.99	8.23	7.70	7.91	8.10	8.36	8.54	8.72	8.31	8.07	8.15	8.07	8.31	8.02	8.28	8.36	8.31	8.17
20:00	6.74	7.65	7.81	7.86	8.07	7.70	7.60	7.55	7.55	8.07	7.65	7.96	7.94	7.94	8.20	8.07	7.78	8.49	8.28	8.17	8.72	8.28	8.17	8.31	8.23	8.12	8.07	8.31	7.91	8.17	8.31
21:00	6.83	7.49	7.70	7.44	7.47	7.55	7.57	7.62	7.55	7.55	7.91	8.04	8.02	7.83	7.91	9.27	7.76	9.56	8.33	8.88	9.90	8.25	8.07	8.07	8.20	8.20	8.46	8.20	8.31	8.02	8.17
22:00	6.86	7.52	7.47	7.68	7.55	7.91	7.65	7.86	7.70	7.91	7.81	8.52	7.81	7.81	7.89	8.20	8.44	8.07	7.96	8.23	10.30	8.31	7.81	8.17	8.31	8.17	8.33	8.12	8.52	8.36	8.41
23:00	6.92	8.10	7.62	7.81	7.44	7.83	7.00	7.68	7.57	8.15	7.91	8.17	7.78	7.91	7.86	8.17	9.01	8.15	8.04	8.67	8.86	8.17	8.07	8.28	8.10	8.10	8.57	8.59	8.75	8.07	8.10
Promedio de SO_2 en 24 h	**7.6**	**7.6**	**7.6**	**7.9**	**7.7**	**8.1**	**7.8**	**7.8**	**7.8**	**7.8**	**7.9**	**8.1**	**8.0**	**8.2**	**8.0**	**8.1**	**8.0**	**8.3**	**8.4**	**8.9**	**8.7**	**8.2**	**8.2**	**8.2**	**8.5**	**8.3**	**8.3**	**8.3**	**8.4**	**8.3**	**8.3**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																														

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en agosto de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** No aplica

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	7.02	7.69	7.76	7.68	7.72	7.65	7.86	7.44	7.80	7.75	8.03	8.01	8.25	7.81	7.84	7.90	8.17	8.68	8.32	8.06	8.45	9.25	8.34	8.02	8.24	8.29	8.16	8.47	8.36	8.62	8.20
01:00	6.96	7.77	7.73	7.71	7.64	7.67	7.76	7.49	7.81	7.74	8.13	8.01	8.05	7.78	7.90	8.12	8.07	8.67	8.38	8.14	8.52	8.52	8.36	8.09	8.38	8.23	8.19	8.45	8.44	8.57	8.20
02:00	6.97	7.71	7.66	7.70	7.56	7.71	7.75	7.66	7.79	7.74	8.03	8.00	7.97	7.82	7.91	8.18	7.98	8.40	8.41	8.19	8.31	8.32	8.32	8.10	8.39	8.26	8.30	8.26	8.39	8.51	8.29
03:00	6.97	7.63	7.65	7.55	7.46	7.61	7.68	7.75	7.77	7.67	7.96	7.84	7.91	7.87	7.96	8.17	7.90	8.23	8.24	8.28	8.20	8.20	8.11	8.10	8.40	8.16	8.29	8.15	8.48	8.46	8.37
04:00	7.05	7.54	7.67	7.58	7.51	7.68	7.80	7.75	7.70	7.75	7.74	7.88	7.95	8.01	7.98	7.91	8.01	8.18	8.29	8.32	8.05	8.22	8.05	8.15	8.27	8.22	8.31	8.17	8.51	8.46	8.30
05:00	7.20	7.54	7.55	7.61	7.56	8.02	7.82	7.88	7.77	7.83	7.76	8.11	7.98	8.12	8.07	7.84	7.98	8.10	8.53	8.38	8.17	8.14	7.95	8.14	8.40	8.21	8.29	8.29	8.51	8.33	8.23
06:00	7.39	7.52	7.53	7.78	7.73	8.90	7.88	7.69	7.76	7.82	7.82	8.49	8.13	8.14	8.10	7.72	8.04	8.16	8.65	8.35	8.21	8.07	8.04	8.05	9.09	8.25	8.42	8.43	8.49	8.20	8.23
07:00	7.27	7.54	7.66	7.94	7.88	10.02	7.86	7.70	7.87	7.75	7.89	8.63	8.23	8.11	8.03	7.68	8.12	8.22	9.05	8.57	8.36	8.10	8.04	8.13	9.60	8.53	8.50	8.59	8.53	8.19	8.37
08:00	7.12	7.49	7.70	8.08	7.93	10.34	7.85	7.64	7.82	7.74	8.02	8.54	8.26	8.05	7.94	7.69	8.13	8.17	9.13	8.62	8.43	8.15	8.15	8.21	9.62	8.69	8.65	8.60	8.55	8.23	8.47
09:00	6.97	7.48	7.73	8.01	7.88	9.64	7.90	7.73	7.80	7.72	7.98	8.29	8.19	8.28	7.92	7.80	8.15	8.06	9.13	8.73	8.50	8.26	8.15	8.35	8.98	8.69	8.63	8.56	8.47	8.26	8.45
10:00	7.22	7.56	7.64	7.97	7.89	8.51	7.96	7.78	7.76	7.77	8.01	8.15	8.19	8.68	7.98	8.03	7.97	7.96	8.75	8.80	8.46	8.32	8.15	8.35	8.67	8.41	8.54	8.36	8.39	8.39	8.44
11:00	7.40	7.65	7.61	8.02	7.94	8.03	8.05	7.88	7.99	7.94	7.97	8.09	8.25	9.09	8.00	8.04	8.03	8.22	8.44	9.53	8.41	8.56	8.19	8.37	8.51	8.23	8.38	8.24	8.39	8.51	8.44
12:00	7.62	7.69	7.61	8.02	8.03	7.95	8.00	7.95	8.10	8.00	8.13	8.14	8.18	9.24	8.10	8.10	8.03	8.40	8.40	10.51	8.44	8.67	8.19	8.37	8.43	8.26	8.33	8.21	8.45	8.61	8.45
13:00	7.50	7.68	7.56	7.84	7.87	7.87	8.01	7.90	8.16	7.94	8.15	8.14	8.01	8.93	8.06	8.09	8.05	8.43	8.40	10.69	8.32	8.59	8.18	8.34	8.16	8.19	8.30	8.16	8.53	8.52	8.38
14:00	7.31	7.62	7.56	7.61	7.81	7.62	7.97	7.84	7.97	7.73	7.97	7.99	7.86	8.55	8.09	8.11	8.03	8.33	8.39	10.24	8.15	8.34	8.21	8.28	8.20	8.26	8.24	8.16	8.41	8.51	8.30
15:00	7.00	7.68	7.51	7.62	7.70	7.54	7.91	7.77	7.88	7.79	7.83	7.82	7.82	8.18	8.01	8.08	7.86	8.26	8.31	9.51	8.15	8.10	8.31	8.18	8.27	8.23	8.24	8.11	8.34	8.46	8.28
16:00	6.83	7.58	7.50	8.42	7.63	7.53	7.72	7.76	7.73	7.82	7.78	7.75	7.86	8.00	8.09	8.04	7.78	8.23	8.10	9.22	8.68	7.96	8.31	8.04	8.39	8.28	8.18	8.14	8.23	8.34	8.27
17:00	6.77	7.68	7.55	8.68	7.50	7.63	7.51	7.70	7.67	7.77	7.83	7.78	7.85	7.90	8.02	8.20	7.70	8.15	7.98	8.93	9.50	7.93	8.29	8.00	8.25	8.28	8.17	8.15	8.31	8.12	8.21
18:00	6.78	7.57	7.66	8.64	7.49	7.62	7.57	7.75	7.72	7.72	7.78	7.76	7.84	7.78	7.96	8.11	7.79	8.24	7.92	8.62	9.91	7.97	8.17	8.00	8.21	8.26	8.18	8.22	8.24	8.11	8.16
19:00	6.78	7.69	7.77	7.86	7.55	7.69	7.61	7.76	7.66	7.83	7.89	7.82	7.90	7.84	7.98	7.95	7.85	8.22	8.11	8.52	9.62	8.14	8.13	8.08	8.14	8.29	8.17	8.26	8.28	8.18	8.13
20:00	6.74	7.64	7.81	7.70	7.77	7.70	7.68	7.71	7.63	8.00	7.83	7.86	7.94	7.88	8.11	7.82	7.87	8.36	8.22	8.40	9.06	8.23	8.11	8.17	8.20	8.23	8.15	8.30	8.11	8.25	8.22
21:00	6.83	7.65	7.77	7.62	7.71	7.67	7.61	7.66	7.51	7.89	7.88	7.96	8.01	7.92	8.11	8.35	7.82	8.72	8.32	8.53	9.11	8.28	8.10	8.18	8.17	8.21	8.18	8.26	8.19	8.17	8.22
22:00	6.86	7.55	7.66	7.66	7.70	7.72	7.61	7.68	7.60	7.84	7.79	8.17	7.92	7.86	8.00	8.51	7.99	8.71	8.19	8.43	9.64	8.28	8.02	8.18	8.25	8.16	8.29	8.21	8.25	8.18	8.30
23:00	6.92	7.70	7.60	7.64	7.49	7.76	7.41	7.72	7.61	7.87	7.88	8.24	7.87	7.85	7.89	8.55	8.40	8.59	8.11	8.59	9.69	8.24	7.98	8.17	8.20	8.16	8.45	8.30	8.53	8.15	8.23

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en agosto de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	No aplica

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/08/2021 00:00	491.8	0.0	7.6	74.2	1.1	43.7
	1/08/2021 01:00	491.7	0.0	7.6	73.2	1.0	48.6
	1/08/2021 02:00	491.4	0.0	7.6	73.1	0.8	37.6
	1/08/2021 03:00	491.2	0.0	7.5	72.3	1.3	21.9
	1/08/2021 04:00	491.4	0.0	7.2	74.5	1.4	36.1
	1/08/2021 05:00	491.7	0.0	7.0	75.5	1.3	45.3
	1/08/2021 06:00	492.0	0.0	7.0	73.0	1.3	72.7
	1/08/2021 07:00	ND					
	1/08/2021 08:00	ND					
	1/08/2021 09:00	493.0	0.0	8.9	66.4	1.5	306.8
	1/08/2021 10:00	492.6	0.0	10.2	61.2	1.8	294.6
	1/08/2021 11:00	492.2	0.0	11.8	53.5	2.7	117.4
1	1/08/2021 12:00	491.7	0.0	12.2	51.9	2.6	77.9
	1/08/2021 13:00	491.1	0.0	13.3	49.0	2.7	96.4
	1/08/2021 14:00	490.8	0.0	12.1	55.1	2.6	89.9
	1/08/2021 15:00	490.8	0.0	10.8	58.5	2.6	77.3
	1/08/2021 16:00	491.0	0.0	9.5	63.1	2.8	53.5
	1/08/2021 17:00	491.3	0.0	8.5	66.6	2.8	38.8
	1/08/2021 18:00	491.9	0.0	7.7	69.9	1.9	77.8
	1/08/2021 19:00	492.3	0.0	7.4	71.8	1.7	74.4
	1/08/2021 20:00	492.6	0.0	7.2	72.6	1.4	69.1
	1/08/2021 21:00	492.8	0.0	7.2	70.8	1.2	49.6
	1/08/2021 22:00	493.0	0.0	7.0	68.8	1.2	46.7
	1/08/2021 23:00	492.9	0.0	7.0	68.5	1.0	43.2
	2/08/2021 00:00	492.7	0.0	6.9	70.0	1.2	40.6
	2/08/2021 01:00	492.4	0.0	6.7	71.5	0.9	24.0
	2/08/2021 02:00	492.2	0.0	6.5	71.8	0.9	316.0
	2/08/2021 03:00	492.1	0.0	6.2	72.3	0.7	19.0
	2/08/2021 04:00	492.2	0.0	5.8	74.0	1.1	288.6
	2/08/2021 05:00	492.4	0.0	5.7	70.9	1.4	331.3
	2/08/2021 06:00	492.6	0.0	5.5	69.3	0.9	346.7
	2/08/2021 07:00	492.9	0.0	5.4	70.8	1.8	277.7
	2/08/2021 08:00	493.1	0.0	6.6	65.8	1.0	285.9
	2/08/2021 09:00	493.2	0.0	8.0	59.1	0.5	301.3
	2/08/2021 10:00	492.9	0.0	9.2	55.2	1.1	283.4
2	2/08/2021 11:00	492.5	0.0	10.4	52.0	1.1	237.2
	2/08/2021 12:00	492.0	0.0	11.7	47.1	1.1	183.0
	2/08/2021 13:00	491.5	0.0	13.0	43.5	1.0	160.2
	2/08/2021 14:00	490.9	0.0	14.3	42.1	1.6	26.7
	2/08/2021 15:00	490.5	0.0	13.9	46.7	2.6	40.7
	2/08/2021 16:00	490.5	0.0	11.7	56.8	2.8	93.9
	2/08/2021 17:00	490.8	0.0	9.3	65.6	3.1	70.4
	2/08/2021 18:00	491.4	0.0	7.6	72.6	2.3	61.7
	2/08/2021 19:00	492.1	0.0	7.2	73.2	2.2	51.5
	2/08/2021 20:00	492.3	0.0	7.4	71.2	1.8	34.7
	2/08/2021 21:00	492.4	0.0	7.6	69.7	1.2	39.8
	2/08/2021 22:00	492.4	0.0	7.3	71.4	1.5	41.2
	2/08/2021 23:00	492.2	0.0	7.2	71.3	1.8	23.1
	3/08/2021 00:00	492.1	0.0	7.2	71.7	2.0	100.7
	3/08/2021 01:00	491.8	0.0	6.9	73.5	1.3	40.2
	3/08/2021 02:00	491.4	0.0	7.2	71.4	0.8	22.4
	3/08/2021 03:00	491.3	0.0	7.2	70.7	0.8	26.9
	3/08/2021 04:00	491.4	0.0	7.3	70.2	1.2	29.4
	3/08/2021 05:00	491.6	0.0	6.6	69.2	1.5	31.6
	3/08/2021 06:00	491.9	0.0	5.5	67.0	1.5	2.4
	3/08/2021 07:00	492.3	0.0	4.5	70.0	0.8	282.4
	3/08/2021 08:00	492.6	0.0	7.2	62.5	1.2	65.4
	3/08/2021 09:00	492.8	0.0	8.2	60.2	2.0	116.3
	3/08/2021 10:00	492.7	0.0	9.6	54.8	2.1	69.2
3	3/08/2021 11:00	492.3	0.0	11.3	48.2	2.6	86.7
	3/08/2021 12:00	491.7	0.0	12.5	44.4	2.8	63.3
	3/08/2021 13:00	491.2	0.0	12.6	45.1	2.6	84.7
	3/08/2021 14:00	490.7	0.0	12.2	48.0	3.4	47.9
	3/08/2021 15:00	490.3	0.0	11.8	50.7	2.3	73.1
	3/08/2021 16:00	490.3	0.0	10.0	57.0	3.3	118.3
	3/08/2021 17:00	490.9	0.0	8.4	63.7	2.3	120.1
	3/08/2021 18:00	491.4	0.0	7.9	66.7	2.0	42.3
	3/08/2021 19:00	491.8	0.0	7.3	69.8	1.7	47.5

	3/08/2021 20:00	492.1	0.0	6.8	71.3	1.7	336.2
	3/08/2021 21:00	492.2	0.0	6.4	73.0	1.8	308.1
	3/08/2021 22:00	492.2	0.0	6.0	74.5	1.7	310.5
	3/08/2021 23:00	492.3	0.0	5.8	75.3	1.4	301.6
	4/08/2021 00:00	492.1	0.0	6.0	74.2	0.9	280.8
	4/08/2021 01:00	491.7	0.0	5.5	74.1	0.9	305.1
	4/08/2021 02:00	491.6	0.0	4.4	73.7	1.1	317.0
	4/08/2021 03:00	491.5	0.0	3.7	76.4	1.1	280.0
	4/08/2021 04:00	491.5	0.0	2.6	78.8	1.3	283.9
	4/08/2021 05:00	491.9	0.0	2.3	78.6	1.1	297.7
	4/08/2021 06:00	492.3	0.0	2.0	78.9	1.3	289.1
	4/08/2021 07:00	492.7	0.0	2.4	76.8	1.4	278.3
	4/08/2021 08:00	493.1	0.0	4.1	72.1	1.0	276.9
	4/08/2021 09:00	493.1	0.0	6.9	65.1	0.9	206.2
	4/08/2021 10:00	492.7	0.0	9.2	53.3	1.5	130.8
4	4/08/2021 11:00	492.3	0.0	11.9	33.6	2.2	63.6
	4/08/2021 12:00	492.0	0.0	11.7	36.4	2.9	75.7
	4/08/2021 13:00	491.4	0.0	11.8	38.7	3.0	89.5
	4/08/2021 14:00	491.0	0.0	11.8	40.9	2.8	103.6
	4/08/2021 15:00	490.8	0.0	11.6	43.7	2.8	98.9
	4/08/2021 16:00	490.8	0.0	10.4	48.5	2.3	48.3
	4/08/2021 17:00	491.2	0.0	8.6	56.2	2.2	48.6
	4/08/2021 18:00	491.8	0.0	7.0	64.6	1.7	42.7
	4/08/2021 19:00	492.2	0.0	6.5	67.4	1.2	113.9
	4/08/2021 20:00	492.6	0.0	6.3	67.8	0.9	33.1
	4/08/2021 21:00	492.9	0.0	6.1	66.5	1.7	98.1
	4/08/2021 22:00	493.0	0.0	6.2	65.4	1.1	58.6
	4/08/2021 23:00	493.0	0.0	5.7	66.9	1.3	301.6
	5/08/2021 00:00	493.0	0.0	4.7	70.0	0.9	298.6
	5/08/2021 01:00	492.8	0.0	3.7	72.0	0.6	329.0
	5/08/2021 02:00	492.6	0.0	2.7	73.2	1.0	353.4
	5/08/2021 03:00	492.4	0.0	1.7	76.0	1.1	305.7
	5/08/2021 04:00	492.5	0.0	0.7	77.9	1.5	290.4
	5/08/2021 05:00	492.8	0.0	0.0	79.2	1.7	279.8
	5/08/2021 06:00	493.1	0.0	-0.1	78.9	1.8	281.4
	5/08/2021 07:00	493.4	0.0	0.5	76.8	1.6	273.4
	5/08/2021 08:00	493.8	0.0	2.4	72.1	0.9	282.5
	5/08/2021 09:00	493.9	0.0	5.0	65.1	0.6	241.1
	5/08/2021 10:00	493.4	0.0	7.6	56.7	1.0	147.1
5	5/08/2021 11:00	492.6	0.0	11.2	42.8	1.1	180.8
	5/08/2021 12:00	491.9	0.0	13.4	28.3	2.5	143.4
	5/08/2021 13:00	491.3	0.0	14.4	27.8	2.3	73.8
	5/08/2021 14:00	490.8	0.0	14.7	30.2	2.8	42.4
	5/08/2021 15:00	490.5	0.0	14.0	34.2	2.4	70.2
	5/08/2021 16:00	490.6	0.0	11.9	43.7	2.3	75.6
	5/08/2021 17:00	491.0	0.0	10.2	47.8	2.6	42.5
	5/08/2021 18:00	491.6	0.0	8.5	50.6	2.8	20.7
	5/08/2021 19:00	492.2	0.0	7.9	52.0	1.6	19.8
	5/08/2021 20:00	492.6	0.0	7.6	52.4	2.0	39.1
	5/08/2021 21:00	492.9	0.0	6.0	55.7	2.7	3.4
	5/08/2021 22:00	493.0	0.0	4.7	60.6	1.4	337.2
	5/08/2021 23:00	493.0	0.0	3.8	60.9	1.4	335.5
	6/08/2021 00:00	492.8	0.0	2.5	69.9	1.5	283.4
	6/08/2021 01:00	492.5	0.0	1.6	72.5	1.5	282.5
	6/08/2021 02:00	492.3	0.0	0.7	75.0	1.5	283.6
	6/08/2021 03:00	492.2	0.0	0.0	77.1	1.3	294.2
	6/08/2021 04:00	492.3	0.0	-0.7	78.9	1.4	286.6
	6/08/2021 05:00	492.5	0.0	-1.1	80.3	1.4	285.2
	6/08/2021 06:00	492.7	0.0	-1.6	81.1	1.6	277.3
	6/08/2021 07:00	493.1	0.0	-1.6	80.9	1.1	287.9
	6/08/2021 08:00	493.3	0.0	1.7	69.9	0.5	89.7
	6/08/2021 09:00	493.1	0.0	5.3	59.9	0.6	116.9
	6/08/2021 10:00	492.6	0.0	9.2	49.9	1.2	113.3
6	6/08/2021 11:00	491.8	0.0	13.1	34.6	1.2	165.6
	6/08/2021 12:00	491.1	0.0	14.7	28.7	2.5	104.6
	6/08/2021 13:00	490.6	0.0	14.8	29.4	2.5	116.6
	6/08/2021 14:00	490.0	0.0	15.1	30.6	2.5	63.5
	6/08/2021 15:00	489.8	0.0	14.7	33.1	2.7	71.8
	6/08/2021 16:00	489.9	0.0	13.0	37.3	2.4	97.2
	6/08/2021 17:00	490.1	0.0	11.5	40.9	2.2	95.3
	6/08/2021 18:00	490.7	0.0	9.6	51.7	2.8	16.7
	6/08/2021 19:00	491.4	0.0	8.3	59.4	1.5	62.5
	6/08/2021 20:00	491.8	0.0	7.2	66.0	2.1	44.7
	6/08/2021 21:00	492.0	0.0	6.2	70.1	2.2	13.9
	6/08/2021 22:00	492.1	0.0	5.3	67.9	1.1	344.9
	6/08/2021 23:00	492.1	0.0	4.1	73.1	1.4	295.1
	7/08/2021 00:00	492.1	0.0	3.0	75.1	1.4	280.8
	7/08/2021 01:00	491.8	0.0	2.1	76.9	1.5	282.7
	7/08/2021 02:00	491.6	0.0	1.4	78.7	1.2	282.0
	7/08/2021 03:00	491.5	0.0	0.8	79.6	1.2	286.0
	7/08/2021 04:00	491.7	0.0	0.3	80.3	1.2	287.8
	7/08/2021 05:00	491.8	0.0	-0.1	80.9	1.2	288.4
	7/08/2021 06:00	492.1	0.0	-0.6	81.3	1.4	283.3
	7/08/2021 07:00	492.5	0.0	-0.7	80.7	1.0	282.7
	7/08/2021 08:00	492.6	0.0	2.1	71.9	0.6	70.5
	7/08/2021 09:00	492.3	0.0	6.2	60.6	0.6	131.6
	7/08/2021 10:00	491.7	0.0	10.5	44.0	0.7	153.5
7	7/08/2021 11:00	490.9	0.0	14.5	28.6	1.1	215.6
	7/08/2021 12:00	490.2	0.0	16.4	23.1	1.8	14.9
	7/08/2021 13:00	489.6	0.0	16.7	24.8	1.9	64.0
	7/08/2021 14:00	489.1	0.0	16.3	29.2	2.8	76.9
	7/08/2021 15:00	488.9	0.0	15.6	31.7	2.9	90.3
	7/08/2021 16:00	489.0	0.0	13.4	37.6	2.6	75.4
	7/08/2021 17:00	489.3	0.0	11.7	41.0	2.2	46.3
	7/08/2021 18:00	489.8	0.0	10.4	47.1	1.0	65.8

	7/08/2021 19:00	490.4	0.0	9.3	51.3	1.3	21.8
	7/08/2021 20:00	490.7	0.0	8.5	53.0	2.1	18.7
	7/08/2021 21:00	491.0	0.0	7.5	54.4	2.5	15.9
	7/08/2021 22:00	491.2	0.0	6.3	56.4	2.3	13.6
	7/08/2021 23:00	491.4	0.0	5.3	58.8	1.7	10.6
	8/08/2021 00:00	491.5	0.0	4.3	64.3	1.2	316.3
	8/08/2021 01:00	491.2	0.0	3.1	72.2	1.5	284.9
	8/08/2021 02:00	491.0	0.0	2.1	75.1	1.0	284.8
	8/08/2021 03:00	490.9	0.0	1.2	77.6	1.5	288.0
	8/08/2021 04:00	491.0	0.0	0.5	79.0	1.4	286.4
	8/08/2021 05:00	491.3	0.0	-0.1	79.7	1.4	282.7
	8/08/2021 06:00	491.5	0.0	-0.5	79.6	1.3	284.8
	8/08/2021 07:00	491.9	0.0	-0.6	78.7	1.2	277.6
	8/08/2021 08:00	492.2	0.0	2.5	67.6	0.6	104.0
	8/08/2021 09:00	491.9	0.0	6.3	55.2	0.7	282.5
	8/08/2021 10:00	491.4	0.0	10.9	42.9	0.8	188.7
8	8/08/2021 11:00	490.7	0.0	14.2	34.1	1.2	156.4
	8/08/2021 12:00	490.2	0.0	16.0	31.9	1.7	89.9
	8/08/2021 13:00	489.6	0.0	17.1	29.4	1.9	89.5
	8/08/2021 14:00	489.2	0.0	16.4	30.5	3.1	106.7
	8/08/2021 15:00	489.0	0.0	15.5	32.2	3.0	72.0
	8/08/2021 16:00	489.2	0.0	13.6	35.9	3.1	45.6
	8/08/2021 17:00	489.5	0.0	11.9	39.8	2.9	40.7
	8/08/2021 18:00	489.9	0.0	10.4	44.2	2.8	12.4
	8/08/2021 19:00	490.6	0.0	9.1	48.3	1.2	9.6
	8/08/2021 20:00	491.0	0.0	7.9	53.4	1.0	70.2
	8/08/2021 21:00	491.4	0.0	6.8	56.1	2.0	9.5
	8/08/2021 22:00	491.7	0.0	5.5	58.6	1.6	347.9
	8/08/2021 23:00	491.9	0.0	4.4	63.1	1.3	322.1
	9/08/2021 00:00	491.8	0.0	3.1	70.3	1.3	287.8
	9/08/2021 01:00	491.7	0.0	2.1	73.5	1.4	282.8
	9/08/2021 02:00	491.5	0.0	1.4	75.3	1.3	287.0
	9/08/2021 03:00	491.5	0.0	0.7	77.4	1.3	284.0
	9/08/2021 04:00	491.7	0.0	0.1	79.4	1.2	285.7
	9/08/2021 05:00	491.9	0.0	-0.3	80.6	1.0	284.9
	9/08/2021 06:00	492.2	0.0	-0.8	81.2	1.1	283.7
	9/08/2021 07:00	492.5	0.0	-0.7	80.7	0.9	282.3
	9/08/2021 08:00	492.7	0.0	2.1	72.2	0.7	257.0
	9/08/2021 09:00	492.6	0.0	5.8	63.1	0.8	143.9
	9/08/2021 10:00	492.2	0.0	10.1	46.6	1.5	144.7
9	9/08/2021 11:00	491.5	0.0	14.1	31.6	1.1	105.1
	9/08/2021 12:00	490.9	0.0	15.8	26.4	2.0	114.9
	9/08/2021 13:00	490.2	0.0	16.1	24.7	2.7	144.8
	9/08/2021 14:00	489.8	0.0	16.3	26.5	2.7	109.7
	9/08/2021 15:00	489.7	0.0	15.6	30.7	3.1	111.1
	9/08/2021 16:00	489.9	0.0	14.0	36.8	2.3	104.7
	9/08/2021 17:00	490.0	0.0	12.0	43.7	2.6	72.1
	9/08/2021 18:00	490.4	0.0	9.9	50.3	3.0	21.4
	9/08/2021 19:00	491.0	0.0	8.7	55.0	1.8	33.7
	9/08/2021 20:00	491.4	0.0	7.4	60.0	1.2	32.2
	9/08/2021 21:00	491.7	0.0	6.3	65.4	1.4	5.6
	9/08/2021 22:00	492.1	0.0	5.1	68.9	1.3	311.5
	9/08/2021 23:00	492.4	0.0	3.9	70.8	1.2	338.1
	10/08/2021 00:00	492.4	0.0	2.5	73.7	1.4	300.8
	10/08/2021 01:00	492.2	0.0	1.1	76.6	1.7	282.5
	10/08/2021 02:00	492.1	0.0	0.2	77.2	1.3	281.9
	10/08/2021 03:00	492.0	0.0	-0.7	76.6	1.6	283.2
	10/08/2021 04:00	492.2	0.0	-1.5	76.3	1.5	280.7
	10/08/2021 05:00	492.4	0.0	-2.1	77.7	1.6	280.0
	10/08/2021 06:00	492.7	0.0	-2.4	77.4	1.2	283.5
	10/08/2021 07:00	493.0	0.0	-2.4	76.8	1.3	278.8
	10/08/2021 08:00	493.2	0.0	1.0	67.1	0.4	7.2
	10/08/2021 09:00	493.1	0.0	4.8	59.7	0.8	130.1
	10/08/2021 10:00	492.6	0.0	8.8	42.0	1.0	160.5
10	10/08/2021 11:00	491.9	0.0	12.4	32.7	1.4	153.0
	10/08/2021 12:00	491.4	0.0	14.0	33.6	2.1	95.9
	10/08/2021 13:00	490.8	0.0	14.5	35.3	2.5	69.7
	10/08/2021 14:00	490.4	0.0	13.8	36.1	3.9	144.5
	10/08/2021 15:00	490.2	0.0	13.5	39.1	3.4	116.5
	10/08/2021 16:00	490.1	0.0	12.4	43.8	2.5	68.5
	10/08/2021 17:00	490.2	0.0	10.7	50.6	2.2	67.6
	10/08/2021 18:00	490.5	0.0	9.2	55.4	2.6	9.1
	10/08/2021 19:00	490.8	0.0	8.3	57.7	1.3	8.8
	10/08/2021 20:00	491.1	0.0	7.1	59.5	2.1	23.1
	10/08/2021 21:00	491.5	0.0	5.9	62.3	2.3	7.9
	10/08/2021 22:00	491.8	0.0	4.8	67.8	1.3	292.8
	10/08/2021 23:00	491.9	0.0	4.2	70.4	0.8	281.8
	11/08/2021 00:00	491.9	0.0	4.2	70.8	0.6	283.8
	11/08/2021 01:00	491.7	0.0	3.3	74.6	1.3	286.7
	11/08/2021 02:00	491.7	0.0	2.7	77.4	0.9	277.9
	11/08/2021 03:00	491.5	0.0	2.2	79.4	0.9	294.6
	11/08/2021 04:00	491.6	0.0	1.8	77.7	1.0	343.9
	11/08/2021 05:00	491.9	0.0	1.1	80.3	1.3	297.5
	11/08/2021 06:00	492.4	0.0	0.5	81.8	0.8	283.9
	11/08/2021 07:00	492.7	0.0	1.3	78.3	0.5	137.7
	11/08/2021 08:00	492.9	0.0	4.7	67.8	0.4	78.3
	11/08/2021 09:00	492.8	0.0	7.1	61.2	0.6	87.8
	11/08/2021 10:00	492.4	0.0	11.0	49.1	0.7	200.7
11	11/08/2021 11:00	491.7	0.0	13.1	41.8	1.4	332.9
	11/08/2021 12:00	491.1	0.0	14.6	38.1	2.0	58.0
	11/08/2021 13:00	490.5	0.0	14.7	41.9	3.5	93.8
	11/08/2021 14:00	490.2	0.0	14.1	46.1	3.2	104.0
	11/08/2021 15:00	489.9	0.0	13.9	46.2	2.2	86.9
	11/08/2021 16:00	489.8	0.0	12.1	53.2	2.5	59.3
	11/08/2021 17:00	490.2	0.0	10.0	63.0	2.0	52.7

11/08/2021 18:00	490.6	0.0	8.8	67.0	1.5	30.5
11/08/2021 19:00	491.1	0.0	8.6	67.0	1.2	8.8
11/08/2021 20:00	491.5	0.0	8.3	69.1	0.9	36.4
11/08/2021 21:00	491.7	0.0	7.8	70.0	0.8	39.4
11/08/2021 22:00	491.7	0.0	7.1	69.0	1.1	18.3
11/08/2021 23:00	491.6	0.0	5.9	70.9	2.1	2.1
12/08/2021 00:00	491.5	0.0	5.1	73.8	1.0	354.8
12/08/2021 01:00	491.3	0.0	4.2	75.2	1.1	350.4
12/08/2021 02:00	491.1	0.0	3.0	79.3	1.1	284.2
12/08/2021 03:00	491.0	0.0	2.9	80.2	1.1	280.7
12/08/2021 04:00	491.1	0.0	2.8	80.3	1.2	282.8
12/08/2021 05:00	491.4	0.0	2.7	78.7	0.9	290.9
12/08/2021 06:00	491.7	0.0	2.2	79.3	1.1	286.5
12/08/2021 07:00	492.1	0.0	2.5	78.6	1.2	286.2
12/08/2021 08:00	492.2	0.0	5.2	68.9	0.6	279.8
12/08/2021 09:00	492.1	0.0	8.0	59.6	1.1	134.8
12/08/2021 10:00	491.6	0.0	11.1	47.1	0.8	287.4
12/08/2021 11:00	490.9	0.0	12.9	41.4	1.3	143.9
12/08/2021 12:00	490.2	0.0	15.2	33.6	1.6	82.7
12/08/2021 13:00	489.6	0.0	16.0	30.5	2.4	39.8
12/08/2021 14:00	489.0	0.0	16.4	33.4	2.4	41.4
12/08/2021 15:00	488.9	0.0	15.4	38.6	3.1	62.5
12/08/2021 16:00	489.2	0.0	13.1	48.3	2.5	78.0
12/08/2021 17:00	489.7	0.0	11.0	54.6	1.9	52.6
12/08/2021 18:00	490.4	0.0	9.4	62.7	2.2	53.7
12/08/2021 19:00	491.0	0.0	8.8	66.1	2.2	29.9
12/08/2021 20:00	491.5	0.0	8.8	65.3	1.4	63.2
12/08/2021 21:00	491.7	0.0	8.9	64.0	1.2	338.3
12/08/2021 22:00	491.9	0.0	8.1	67.6	1.3	319.7
12/08/2021 23:00	491.8	0.0	7.2	68.7	1.3	330.1
13/08/2021 00:00	491.6	0.0	5.9	74.1	1.6	281.0
13/08/2021 01:00	491.6	0.0	5.6	74.7	1.1	282.6
13/08/2021 02:00	491.3	0.0	5.1	76.0	0.9	283.8
13/08/2021 03:00	491.1	0.0	4.5	77.7	0.8	283.5
13/08/2021 04:00	491.1	0.0	4.1	76.7	1.4	334.1
13/08/2021 05:00	491.3	0.0	3.0	80.1	1.1	274.1
13/08/2021 06:00	491.6	0.0	2.6	80.0	0.7	288.6
13/08/2021 07:00	492.0	0.0	3.0	78.6	0.8	285.6
13/08/2021 08:00	492.2	0.0	5.5	71.9	0.8	290.2
13/08/2021 09:00	492.2	0.0	9.1	62.3	0.7	145.1
13/08/2021 10:00	491.8	0.0	11.6	53.8	1.2	139.8
13/08/2021 11:00	490.9	0.0	14.6	41.4	1.0	60.9
13/08/2021 12:00	490.3	0.0	16.1	27.5	2.3	66.9
13/08/2021 13:00	490.0	0.0	15.9	29.3	2.6	105.1
13/08/2021 14:00	489.5	0.0	16.0	31.4	3.0	100.3
13/08/2021 15:00	489.4	0.0	14.7	39.6	3.2	110.7
13/08/2021 16:00	489.6	0.0	12.6	51.7	2.2	64.4
13/08/2021 17:00	490.1	0.0	10.6	61.9	2.3	64.2
13/08/2021 18:00	490.6	0.0	9.6	63.9	1.9	48.2
13/08/2021 19:00	491.0	0.0	9.2	67.0	1.5	66.3
13/08/2021 20:00	491.4	0.0	8.8	67.9	1.7	46.0
13/08/2021 21:00	491.6	0.0	8.0	69.2	2.1	25.3
13/08/2021 22:00	491.6	0.0	6.7	71.0	2.7	13.8
13/08/2021 23:00	491.5	0.0	6.3	72.9	1.3	344.9
14/08/2021 00:00	491.3	0.0	5.5	77.2	0.8	311.0
14/08/2021 01:00	491.1	0.0	5.5	77.2	1.0	283.6
14/08/2021 02:00	490.9	0.0	5.7	77.0	0.6	270.9
14/08/2021 03:00	490.9	0.0	5.9	77.1	0.3	275.2
14/08/2021 04:00	490.9	0.0	6.0	76.4	0.5	146.4
14/08/2021 05:00	491.1	0.0	5.9	73.7	1.1	139.0
14/08/2021 06:00	491.4	0.0	5.4	73.6	0.7	126.9
14/08/2021 07:00	491.8	0.0	5.0	74.2	0.7	104.6
14/08/2021 08:00	492.0	0.0	7.3	67.8	0.8	113.3
14/08/2021 09:00	491.9	0.0	10.1	59.4	1.0	143.5
14/08/2021 10:00	491.6	0.0	12.5	46.3	1.1	139.0
14/08/2021 11:00	491.0	0.0	14.0	42.7	1.3	132.3
14/08/2021 12:00	490.4	0.0	15.2	38.9	1.7	150.2
14/08/2021 13:00	490.0	0.0	14.8	41.4	2.9	101.8
14/08/2021 14:00	489.7	0.0	14.7	43.7	2.8	69.2
14/08/2021 15:00	489.4	0.0	14.3	45.6	2.7	97.3
14/08/2021 16:00	489.6	0.0	12.8	51.2	2.4	73.1
14/08/2021 17:00	490.3	0.0	10.5	59.8	2.2	62.0
14/08/2021 18:00	490.7	0.0	9.8	64.7	2.1	57.9
14/08/2021 19:00	490.9	0.0	9.2	68.1	2.0	79.6
14/08/2021 20:00	491.3	0.0	8.8	69.4	1.6	327.9
14/08/2021 21:00	491.5	0.0	8.2	71.0	1.9	282.4
14/08/2021 22:00	491.5	0.0	8.0	71.7	1.1	201.4
14/08/2021 23:00	491.4	0.0	7.9	71.3	1.1	76.8
15/08/2021 00:00	491.3	0.0	7.8	71.8	1.3	179.6
15/08/2021 01:00	490.9	0.0	7.5	73.2	1.2	165.8
15/08/2021 02:00	490.6	0.0	7.3	75.2	1.1	277.6
15/08/2021 03:00	490.4	0.0	7.4	75.2	1.6	276.1
15/08/2021 04:00	490.5	0.0	7.5	75.2	0.6	277.0
15/08/2021 05:00	490.6	0.0	7.4	73.0	0.6	221.1
15/08/2021 06:00	490.9	0.0	6.9	68.6	0.8	200.3
15/08/2021 07:00	491.3	0.0	6.8	67.1	0.8	183.3
15/08/2021 08:00	491.6	0.0	7.7	64.9	0.8	175.6
15/08/2021 09:00	491.5	0.0	10.2	61.0	0.5	257.3
15/08/2021 10:00	491.2	0.0	12.2	50.6	0.9	270.9
15/08/2021 11:00	490.5	0.0	13.8	43.9	1.1	280.5
15/08/2021 12:00	490.0	0.0	14.5	42.9	1.7	9.2
15/08/2021 13:00	489.5	0.0	15.0	43.5	2.5	86.5
15/08/2021 14:00	489.2	0.0	13.3	49.8	2.9	51.3
15/08/2021 15:00	488.9	0.0	14.1	46.6	2.5	62.8
15/08/2021 16:00	489.0	0.0	12.7	50.8	2.2	71.7

	15/08/2021 17:00	489.5	0.0	10.8	60.8	2.3	54.3
	15/08/2021 18:00	490.0	0.0	9.7	65.1	1.5	77.8
	15/08/2021 19:00	490.3	0.0	9.1	68.2	1.3	358.9
	15/08/2021 20:00	490.7	0.0	8.7	71.3	1.0	300.6
	15/08/2021 21:00	490.9	0.0	9.0	68.0	0.8	5.7
	15/08/2021 22:00	490.9	0.0	8.7	65.1	1.8	25.6
	15/08/2021 23:00	490.8	0.0	8.3	64.0	1.5	36.4
	16/08/2021 00:00	490.6	0.0	7.7	64.5	1.5	18.6
	16/08/2021 01:00	490.3	0.0	7.4	65.8	0.8	334.9
	16/08/2021 02:00	490.2	0.0	7.1	68.7	0.6	173.1
	16/08/2021 03:00	490.2	0.0	6.7	71.2	0.4	183.8
	16/08/2021 04:00	490.1	0.0	6.0	71.7	0.8	74.7
	16/08/2021 05:00	490.4	0.0	4.6	70.7	2.0	20.2
	16/08/2021 06:00	490.8	0.0	3.9	72.0	1.8	15.2
	16/08/2021 07:00	491.2	0.0	4.3	73.5	0.6	54.6
	16/08/2021 08:00	491.4	0.0	6.8	68.7	0.8	99.2
	16/08/2021 09:00	491.2	0.0	9.4	64.9	1.4	143.6
	16/08/2021 10:00	490.8	0.0	11.7	55.5	1.6	138.2
16	16/08/2021 11:00	490.2	0.0	14.4	41.0	1.4	155.8
	16/08/2021 12:00	489.5	0.0	16.2	30.5	1.6	11.7
	16/08/2021 13:00	488.7	0.0	17.6	29.0	1.6	150.1
	16/08/2021 14:00	488.2	0.0	17.1	31.8	2.4	73.0
	16/08/2021 15:00	488.1	0.0	15.9	37.4	3.0	59.0
	16/08/2021 16:00	488.5	0.0	13.8	47.2	2.7	65.6
	16/08/2021 17:00	489.2	0.0	11.6	53.3	2.3	56.0
	16/08/2021 18:00	489.9	0.0	10.2	59.5	2.0	69.0
	16/08/2021 19:00	490.4	0.0	9.4	63.3	1.9	52.8
	16/08/2021 20:00	490.6	0.0	9.3	63.7	1.3	25.1
	16/08/2021 21:00	491.2	0.0	8.7	65.4	1.0	19.7
	16/08/2021 22:00	491.3	0.0	8.3	66.7	1.6	294.8
	16/08/2021 23:00	491.2	0.0	7.5	68.8	1.6	281.2
	17/08/2021 00:00	490.9	0.0	7.0	70.5	0.9	289.4
	17/08/2021 01:00	490.6	0.0	6.0	68.9	1.5	352.5
	17/08/2021 02:00	490.4	0.0	4.9	75.0	1.1	299.4
	17/08/2021 03:00	490.4	0.0	3.7	78.2	1.6	278.5
	17/08/2021 04:00	490.6	0.0	2.9	79.0	1.0	280.1
	17/08/2021 05:00	490.8	0.0	2.1	79.3	1.6	288.0
	17/08/2021 06:00	491.2	0.0	1.4	80.2	1.3	283.5
	17/08/2021 07:00	491.6	0.0	1.4	79.6	1.2	280.9
	17/08/2021 08:00	492.0	0.0	4.4	70.6	0.7	255.2
	17/08/2021 09:00	491.9	0.0	7.9	62.6	1.0	133.7
	17/08/2021 10:00	491.5	0.0	10.9	55.9	1.3	170.1
17	17/08/2021 11:00	490.7	0.0	13.6	45.0	1.5	163.9
	17/08/2021 12:00	490.1	0.0	16.0	29.0	2.6	19.7
	17/08/2021 13:00	489.7	0.0	16.4	24.6	3.1	33.0
	17/08/2021 14:00	489.3	0.0	16.3	23.1	2.8	46.6
	17/08/2021 15:00	489.1	0.0	16.0	26.9	2.2	71.2
	17/08/2021 16:00	489.3	0.0	14.5	33.3	2.7	69.2
	17/08/2021 17:00	489.7	0.0	12.3	43.0	3.0	34.0
	17/08/2021 18:00	490.3	0.0	10.6	49.6	1.6	19.2
	17/08/2021 19:00	490.8	0.0	9.4	56.0	1.2	13.6
	17/08/2021 20:00	491.2	0.0	8.7	59.0	1.2	21.4
	17/08/2021 21:00	491.6	0.0	7.1	63.3	3.0	10.6
	17/08/2021 22:00	491.9	0.0	6.3	65.8	1.8	330.0
	17/08/2021 23:00	492.1	0.0	5.2	71.4	1.6	276.4
	18/08/2021 00:00	492.0	0.0	4.5	72.0	1.2	289.9
	18/08/2021 01:00	491.8	0.0	4.2	73.5	1.1	284.3
	18/08/2021 02:00	491.5	0.0	3.5	75.2	1.4	286.4
	18/08/2021 03:00	491.5	0.0	3.0	76.2	1.5	283.3
	18/08/2021 04:00	491.7	0.0	2.6	77.0	1.1	290.5
	18/08/2021 05:00	491.9	0.0	2.1	78.2	1.0	288.9
	18/08/2021 06:00	492.3	0.0	1.4	79.3	1.4	282.3
	18/08/2021 07:00	492.8	0.0	1.7	78.0	0.9	281.4
	18/08/2021 08:00	493.0	0.0	4.4	69.8	0.6	216.7
	18/08/2021 09:00	492.9	0.0	7.2	64.4	0.9	147.3
	18/08/2021 10:00	492.6	0.0	10.5	52.5	1.3	137.9
18	18/08/2021 11:00	492.0	0.0	13.1	40.9	1.6	147.0
	18/08/2021 12:00	491.5	0.0	15.2	30.8	2.8	27.4
	18/08/2021 13:00	491.1	0.0	15.4	32.4	3.1	60.3
	18/08/2021 14:00	490.6	0.0	15.0	34.4	3.2	37.5
	18/08/2021 15:00	490.2	0.0	14.4	37.1	2.7	45.2
	18/08/2021 16:00	490.4	0.0	13.1	42.1	2.5	20.8
	18/08/2021 17:00	490.8	0.0	10.5	51.0	1.6	280.3
	18/08/2021 18:00	491.0	0.0	10.1	52.2	1.0	332.5
	18/08/2021 19:00	491.4	0.0	9.5	57.6	1.1	83.6
	18/08/2021 20:00	491.8	0.0	8.3	58.5	1.8	296.2
	18/08/2021 21:00	492.0	0.0	7.2	61.9	1.6	305.1
	18/08/2021 22:00	492.2	0.0	6.1	66.0	1.9	348.8
	18/08/2021 23:00	492.3	0.0	5.0	69.3	1.2	300.7
	19/08/2021 00:00	492.1	0.0	3.8	73.6	1.7	291.5
	19/08/2021 01:00	491.9	0.0	3.0	75.8	1.3	283.8
	19/08/2021 02:00	491.6	0.0	2.1	77.9	1.7	287.8
	19/08/2021 03:00	491.4	0.0	1.6	78.9	1.4	286.7
	19/08/2021 04:00	491.5	0.0	0.8	80.0	1.6	281.2
	19/08/2021 05:00	491.8	0.0	0.3	80.5	1.4	281.3
	19/08/2021 06:00	492.1	0.0	-0.2	80.9	1.6	275.5
	19/08/2021 07:00	492.3	0.0	-0.2	80.2	1.2	282.9
	19/08/2021 08:00	492.5	0.0	3.1	70.2	0.5	276.6
	19/08/2021 09:00	492.3	0.0	6.8	59.9	0.9	149.8
	19/08/2021 10:00	491.8	0.0	10.9	45.8	1.0	156.7
19	19/08/2021 11:00	491.0	0.0	14.0	34.5	1.5	187.3
	19/08/2021 12:00	490.2	0.0	16.4	27.1	1.3	188.6
	19/08/2021 13:00	489.5	0.0	17.0	23.5	1.4	240.2
	19/08/2021 14:00	488.8	0.0	17.5	26.6	2.1	101.8
	19/08/2021 15:00	488.7	0.0	14.9	42.8	3.2	79.2

	19/08/2021 16:00	488.7	0.0	13.4	49.0	2.4	78.1
	19/08/2021 17:00	489.2	0.0	11.2	60.4	1.4	63.5
	19/08/2021 18:00	489.9	0.0	10.5	62.0	2.0	0.1
	19/08/2021 19:00	491.0	0.0	7.3	76.5	2.0	203.9
	19/08/2021 20:00	491.2	0.9	6.3	81.5	0.7	169.5
	19/08/2021 21:00	491.1	0.3	6.5	81.7	0.7	193.0
	19/08/2021 22:00	491.0	0.0	6.6	80.6	0.6	359.6
	19/08/2021 23:00	490.9	0.0	6.3	80.6	0.7	316.9
	20/08/2021 00:00	490.7	0.0	6.1	80.5	1.0	286.3
	20/08/2021 01:00	490.3	0.0	5.8	79.4	0.5	282.3
	20/08/2021 02:00	490.1	0.0	5.0	80.1	1.0	314.6
	20/08/2021 03:00	489.9	0.0	4.2	80.5	1.0	303.8
	20/08/2021 04:00	489.8	0.0	3.6	78.3	1.1	289.1
	20/08/2021 05:00	489.9	0.0	3.0	78.9	1.6	282.3
	20/08/2021 06:00	490.2	0.0	2.3	80.2	1.6	284.3
	20/08/2021 07:00	490.6	0.0	2.0	81.3	1.5	285.9
	20/08/2021 08:00	490.8	0.0	4.7	72.6	0.6	269.5
	20/08/2021 09:00	490.8	0.0	7.2	64.8	1.0	151.6
	20/08/2021 10:00	490.3	0.0	10.6	53.7	1.1	174.0
20	20/08/2021 11:00	489.5	0.0	14.3	35.3	1.9	184.4
	20/08/2021 12:00	488.8	0.0	16.2	25.3	1.6	192.4
	20/08/2021 13:00	488.4	0.0	16.1	36.0	2.4	114.5
	20/08/2021 14:00	487.9	0.0	15.6	38.3	3.7	103.7
	20/08/2021 15:00	487.7	0.0	15.2	38.1	3.2	54.1
	20/08/2021 16:00	487.8	0.0	13.8	46.9	2.3	85.8
	20/08/2021 17:00	488.2	0.0	11.6	56.2	2.4	83.1
	20/08/2021 18:00	488.9	0.0	9.9	63.0	2.3	23.8
	20/08/2021 19:00	489.6	0.0	8.9	67.9	1.2	33.4
	20/08/2021 20:00	490.1	0.0	8.6	69.0	1.1	338.1
	20/08/2021 21:00	490.4	0.0	8.1	69.3	1.2	303.0
	20/08/2021 22:00	490.5	0.0	7.5	67.8	1.4	13.3
	20/08/2021 23:00	490.5	0.0	6.4	71.1	2.3	7.6
	21/08/2021 00:00	490.4	0.0	5.4	74.1	1.2	303.0
	21/08/2021 01:00	490.2	0.0	4.2	76.6	1.2	282.6
	21/08/2021 02:00	490.0	0.0	3.3	77.8	1.3	283.4
	21/08/2021 03:00	489.9	0.0	2.6	78.9	1.3	286.1
	21/08/2021 04:00	489.9	0.0	2.0	78.9	1.5	280.8
	21/08/2021 05:00	490.0	0.0	1.8	79.3	1.3	278.3
	21/08/2021 06:00	490.4	0.0	1.7	79.5	1.0	274.3
	21/08/2021 07:00	490.9	0.0	2.7	76.6	0.6	270.6
	21/08/2021 08:00	491.2	0.0	4.7	70.2	0.6	279.6
	21/08/2021 09:00	491.2	0.0	7.1	63.4	0.8	141.7
	21/08/2021 10:00	491.0	0.0	9.5	57.0	1.4	157.5
21	21/08/2021 11:00	490.3	0.0	12.2	48.8	1.9	161.7
	21/08/2021 12:00	489.6	0.0	13.9	41.4	1.7	156.3
	21/08/2021 13:00	489.0	0.0	14.8	41.5	2.5	89.3
	21/08/2021 14:00	489.0	0.0	11.8	54.9	3.1	66.3
	21/08/2021 15:00	489.0	0.0	10.0	61.3	2.2	48.8
	21/08/2021 16:00	489.0	0.0	9.6	60.5	1.6	47.9
	21/08/2021 17:00	489.2	0.0	9.8	58.5	0.9	91.8
	21/08/2021 18:00	489.5	0.0	9.0	59.9	0.9	68.4
	21/08/2021 19:00	489.9	0.0	7.8	64.6	0.8	37.4
	21/08/2021 20:00	490.3	0.0	6.7	66.1	2.2	20.1
	21/08/2021 21:00	490.7	0.0	5.9	67.8	1.1	338.9
	21/08/2021 22:00	491.0	0.0	5.1	69.8	1.0	325.6
	21/08/2021 23:00	491.1	0.0	3.9	73.2	1.7	285.0
	22/08/2021 00:00	490.9	0.0	3.0	74.9	1.1	281.7
	22/08/2021 01:00	490.6	0.0	2.2	76.8	1.7	283.1
	22/08/2021 02:00	490.4	0.0	2.0	76.6	1.7	281.0
	22/08/2021 03:00	490.2	0.0	2.5	76.0	1.1	282.4
	22/08/2021 04:00	490.1	0.0	2.4	76.1	2.1	276.8
	22/08/2021 05:00	490.2	0.0	2.1	77.0	0.8	266.3
	22/08/2021 06:00	490.6	0.0	2.4	75.7	0.7	276.6
	22/08/2021 07:00	491.0	0.0	3.1	73.4	1.0	280.9
	22/08/2021 08:00	491.2	0.0	5.8	64.9	0.6	265.1
	22/08/2021 09:00	491.1	0.0	9.1	56.9	0.6	184.2
	22/08/2021 10:00	490.7	0.0	11.9	51.2	1.2	169.0
22	22/08/2021 11:00	490.1	0.0	14.3	41.9	1.5	130.3
	22/08/2021 12:00	489.4	0.0	16.3	31.2	2.3	43.3
	22/08/2021 13:00	488.8	0.0	16.8	28.8	3.2	80.3
	22/08/2021 14:00	488.4	0.0	16.5	30.3	2.5	99.8
	22/08/2021 15:00	488.1	0.0	15.4	35.1	2.8	46.3
	22/08/2021 16:00	488.2	0.0	14.0	38.6	2.5	64.0
	22/08/2021 17:00	488.7	0.0	12.2	46.5	1.9	46.2
	22/08/2021 18:00	489.2	0.0	10.4	52.7	1.6	31.9
	22/08/2021 19:00	489.7	0.0	9.5	54.6	1.1	42.4
	22/08/2021 20:00	490.0	0.0	7.9	57.8	3.0	16.2
	22/08/2021 21:00	490.2	0.0	7.5	57.3	2.1	16.1
	22/08/2021 22:00	490.2	0.0	7.3	58.8	1.1	349.9
	22/08/2021 23:00	490.3	0.0	6.4	58.2	1.9	5.6
	23/08/2021 00:00	490.1	0.0	5.4	60.4	1.5	357.9
	23/08/2021 01:00	489.9	0.0	4.4	66.0	1.5	332.4
	23/08/2021 02:00	489.7	0.0	3.2	75.5	1.6	288.2
	23/08/2021 03:00	489.6	0.0	2.3	77.4	1.6	283.0
	23/08/2021 04:00	489.7	0.0	1.7	78.9	1.2	283.9
	23/08/2021 05:00	490.0	0.0	1.0	79.4	1.3	282.0
	23/08/2021 06:00	490.3	0.0	0.5	79.8	1.6	281.8
	23/08/2021 07:00	490.6	0.0	0.7	78.4	1.5	284.8
	23/08/2021 08:00	490.7	0.0	2.4	72.1	1.2	280.0
	23/08/2021 09:00	490.5	0.0	6.6	58.4	0.8	233.8
	23/08/2021 10:00	489.9	0.0	11.4	45.0	1.0	130.4
23	23/08/2021 11:00	489.1	0.0	15.2	35.5	1.4	186.1
	23/08/2021 12:00	488.4	0.0	16.5	32.7	1.4	174.6
	23/08/2021 13:00	487.9	0.0	17.3	27.7	1.9	55.0
	23/08/2021 14:00	487.4	0.0	17.0	30.3	3.1	60.3

	23/08/2021 15:00	487.1	0.0	16.2	34.2	3.5	68.7
	23/08/2021 16:00	487.2	0.0	14.2	41.9	2.8	96.7
	23/08/2021 17:00	487.8	0.0	11.5	55.5	2.8	24.5
	23/08/2021 18:00	488.6	0.0	9.9	65.6	1.6	45.4
	23/08/2021 19:00	489.1	0.0	9.6	66.0	1.4	57.0
	23/08/2021 20:00	489.5	0.0	8.7	72.4	2.2	311.3
	23/08/2021 21:00	489.8	0.0	7.2	79.6	2.2	287.7
	23/08/2021 22:00	489.9	0.0	7.0	79.9	1.3	285.4
	23/08/2021 23:00	489.9	0.0	7.0	78.4	1.4	281.4
	24/08/2021 00:00	489.6	0.0	7.1	77.1	0.8	280.7
	24/08/2021 01:00	489.2	0.0	7.0	76.6	1.0	281.1
	24/08/2021 02:00	488.8	0.0	6.6	78.3	0.9	285.4
	24/08/2021 03:00	488.6	0.0	6.2	79.7	0.6	289.8
	24/08/2021 04:00	488.6	0.0	6.0	77.6	0.7	305.0
	24/08/2021 05:00	488.7	0.0	5.6	77.1	1.1	334.5
	24/08/2021 06:00	489.2	0.0	5.1	77.1	0.7	346.6
	24/08/2021 07:00	489.6	0.0	5.6	79.2	0.6	276.1
	24/08/2021 08:00	489.9	0.0	7.3	72.6	0.7	201.2
	24/08/2021 09:00	490.0	0.0	9.8	65.5	1.0	262.6
	24/08/2021 10:00	489.5	0.0	12.2	57.4	1.4	279.3
24	24/08/2021 11:00	488.9	0.0	14.2	41.6	1.0	202.2
	24/08/2021 12:00	488.2	0.0	17.0	28.9	1.8	261.4
	24/08/2021 13:00	487.4	0.0	17.9	27.2	2.7	281.5
	24/08/2021 14:00	486.9	0.0	16.8	42.8	2.8	75.6
	24/08/2021 15:00	486.7	0.0	15.3	46.6	3.2	78.1
	24/08/2021 16:00	487.0	0.0	13.2	51.8	3.2	87.2
	24/08/2021 17:00	487.7	0.0	11.4	60.4	2.3	67.9
	24/08/2021 18:00	488.3	0.0	10.2	65.5	2.2	85.2
	24/08/2021 19:00	488.7	0.0	9.7	67.6	1.6	81.9
	24/08/2021 20:00	489.1	0.0	9.1	69.7	1.7	59.0
	24/08/2021 21:00	489.6	0.0	8.2	72.2	1.4	23.6
	24/08/2021 22:00	489.8	0.0	6.8	72.1	1.5	297.4
	24/08/2021 23:00	490.0	0.0	5.9	74.2	0.9	314.4
	25/08/2021 00:00	489.9	0.0	5.1	75.7	1.3	334.9
	25/08/2021 01:00	489.6	0.0	4.2	77.3	1.2	9.1
	25/08/2021 02:00	489.4	0.0	3.9	73.1	0.9	305.3
	25/08/2021 03:00	489.3	0.0	3.2	71.2	1.3	286.6
	25/08/2021 04:00	489.4	0.0	2.4	76.0	1.0	293.4
	25/08/2021 05:00	489.5	0.0	1.6	78.7	1.3	289.2
	25/08/2021 06:00	490.0	0.0	1.0	80.1	1.2	285.1
	25/08/2021 07:00	490.4	0.0	1.4	79.8	0.6	102.8
	25/08/2021 08:00	490.6	0.0	4.2	72.8	0.8	164.5
	25/08/2021 09:00	490.5	0.0	7.2	62.1	0.7	185.1
	25/08/2021 10:00	490.0	0.0	11.1	43.3	0.8	156.0
25	25/08/2021 11:00	489.3	0.0	15.3	27.4	1.3	179.5
	25/08/2021 12:00	488.5	0.0	17.1	23.3	1.5	229.4
	25/08/2021 13:00	487.7	0.0	18.4	21.0	1.6	276.6
	25/08/2021 14:00	487.1	0.0	18.1	33.3	2.8	46.0
	25/08/2021 15:00	486.7	0.0	16.3	44.5	2.8	91.3
	25/08/2021 16:00	487.0	0.0	13.8	58.2	2.9	83.4
	25/08/2021 17:00	487.9	0.0	11.7	65.7	2.1	71.8
	25/08/2021 18:00	488.4	0.0	10.7	68.5	2.0	48.9
	25/08/2021 19:00	488.8	0.0	10.1	70.5	1.9	52.6
	25/08/2021 20:00	489.2	0.0	9.8	71.9	1.1	50.7
	25/08/2021 21:00	489.5	0.0	10.1	71.4	1.0	45.8
	25/08/2021 22:00	489.7	0.0	9.9	71.9	0.7	43.8
	25/08/2021 23:00	489.6	0.0	9.5	71.0	0.9	32.1
	26/08/2021 00:00	489.4	0.0	8.8	74.8	1.3	285.5
	26/08/2021 01:00	489.0	0.0	8.5	76.1	1.4	279.8
	26/08/2021 02:00	488.9	0.0	8.0	76.4	1.5	276.5
	26/08/2021 03:00	488.9	0.0	7.7	77.3	0.7	293.5
	26/08/2021 04:00	488.9	0.0	7.7	77.0	1.4	288.1
	26/08/2021 05:00	489.1	0.0	7.5	77.0	1.0	254.9
	26/08/2021 06:00	489.5	0.0	7.7	73.3	1.2	289.9
	26/08/2021 07:00	489.8	0.0	8.2	64.9	0.7	291.5
	26/08/2021 08:00	490.0	0.0	9.3	65.6	0.7	212.4
	26/08/2021 09:00	490.2	0.0	10.6	64.4	1.3	300.8
	26/08/2021 10:00	490.1	0.0	11.4	62.2	1.3	38.0
26	26/08/2021 11:00	489.8	0.0	12.5	58.1	2.3	116.6
	26/08/2021 12:00	489.5	0.0	12.7	58.8	2.6	56.1
	26/08/2021 13:00	489.0	0.0	12.8	56.8	3.3	46.0
	26/08/2021 14:00	488.2	0.0	14.3	50.9	2.4	72.1
	26/08/2021 15:00	487.8	0.0	14.1	53.0	2.5	94.2
	26/08/2021 16:00	488.0	0.0	12.2	61.7	2.7	46.1
	26/08/2021 17:00	488.2	0.0	11.8	63.4	1.6	56.1
	26/08/2021 18:00	488.6	0.0	11.0	66.4	1.9	69.0
	26/08/2021 19:00	489.0	0.0	10.3	68.9	1.9	67.1
	26/08/2021 20:00	489.6	0.0	9.5	72.3	1.6	32.8
	26/08/2021 21:00	489.8	0.0	9.4	72.2	0.9	52.6
	26/08/2021 22:00	490.0	0.0	9.5	71.6	1.0	338.7
	26/08/2021 23:00	490.1	0.0	9.2	73.1	1.0	300.7
	27/08/2021 00:00	489.8	0.0	8.8	73.5	1.4	293.2
	27/08/2021 01:00	489.5	0.0	8.4	73.6	1.9	281.0
	27/08/2021 02:00	489.3	0.0	8.1	73.4	1.9	281.4
	27/08/2021 03:00	489.3	0.0	7.5	74.2	2.0	275.8
	27/08/2021 04:00	489.3	0.0	7.0	75.0	1.0	319.9
	27/08/2021 05:00	489.5	0.0	6.5	75.0	1.4	337.1
	27/08/2021 06:00	489.8	0.0	5.8	76.5	1.1	297.7
	27/08/2021 07:00	490.2	0.0	5.7	77.7	1.1	275.8
	27/08/2021 08:00	490.5	0.0	7.9	70.5	0.9	116.3
	27/08/2021 09:00	490.5	0.0	10.2	60.8	1.5	130.5
	27/08/2021 10:00	490.2	0.0	12.2	49.4	0.6	230.2
27	27/08/2021 11:00	489.8	0.0	13.7	44.9	0.9	295.4
	27/08/2021 12:00	489.1	0.0	15.1	42.7	1.6	17.3
	27/08/2021 13:00	488.5	0.0	16.1	42.1	2.4	45.5

27/08/2021 14:00	488.0	0.0	15.8	45.6	3.3	43.3
27/08/2021 15:00	487.6	0.0	15.2	49.8	2.9	65.1
27/08/2021 16:00	487.8	0.0	13.5	57.0	2.3	80.7
27/08/2021 17:00	488.3	0.0	11.6	64.1	2.2	71.9
27/08/2021 18:00	488.8	0.0	10.6	70.4	2.1	60.2
27/08/2021 19:00	489.3	0.0	10.0	71.8	1.7	61.7
27/08/2021 20:00	489.8	0.0	9.7	71.8	1.2	52.1
27/08/2021 21:00	490.1	0.0	9.2	72.1	1.4	320.3
27/08/2021 22:00	490.4	0.0	8.2	69.1	1.6	291.6
27/08/2021 23:00	490.5	0.0	7.8	61.3	1.2	291.2
28/08/2021 00:00	490.4	0.0	8.0	63.2	0.7	354.1
28/08/2021 01:00	490.1	0.0	8.1	61.3	0.9	0.2
28/08/2021 02:00	489.9	0.0	7.6	73.2	1.7	22.9
28/08/2021 03:00	489.8	0.0	7.4	70.4	0.9	320.2

	28/08/2021 04:00	489.9	0.0	6.5	74.0	1.5	5.0
	28/08/2021 05:00	490.1	0.0	5.9	75.1	0.8	309.0
	28/08/2021 06:00	490.5	0.0	4.9	76.2	1.4	287.7
	28/08/2021 07:00	490.8	0.0	5.1	74.8	0.7	280.3
	28/08/2021 08:00	491.1	0.0	7.5	67.7	0.8	273.1
	28/08/2021 09:00	491.2	0.0	10.5	55.2	1.0	127.4
	28/08/2021 10:00	490.7	0.0	12.8	47.6	1.1	107.9
28	28/08/2021 11:00	490.1	0.0	14.7	39.2	1.2	111.2
	28/08/2021 12:00	489.5	0.0	16.0	38.2	1.4	41.7
	28/08/2021 13:00	488.8	0.0	17.2	37.9	2.1	61.2
	28/08/2021 14:00	488.7	0.0	15.0	51.5	3.5	82.0
	28/08/2021 15:00	489.2	0.0	11.9	61.6	2.8	65.2
	28/08/2021 16:00	489.7	0.0	10.6	66.1	2.5	47.8
	28/08/2021 17:00	490.1	0.0	9.8	67.8	1.9	64.3
	28/08/2021 18:00	490.4	0.0	9.4	68.1	1.7	44.5
	28/08/2021 19:00	490.9	0.0	9.3	69.0	1.5	34.4
	28/08/2021 20:00	491.1	0.0	8.8	70.5	1.1	335.5
	28/08/2021 21:00	491.5	0.0	8.5	71.4	1.7	50.8
	28/08/2021 22:00	491.7	0.0	8.0	75.4	1.9	274.8
	28/08/2021 23:00	491.6	0.0	8.1	75.1	1.0	282.7
	29/08/2021 00:00	491.3	0.0	6.9	79.0	2.0	285.3
	29/08/2021 01:00	491.2	0.0	6.4	78.3	1.7	282.7
	29/08/2021 02:00	491.0	0.0	6.6	72.6	1.0	272.1
	29/08/2021 03:00	490.8	0.0	6.4	66.6	1.0	294.1
	29/08/2021 04:00	490.9	0.0	5.9	66.9	1.2	295.1
	29/08/2021 05:00	491.1	0.0	6.0	69.2	1.0	290.0
	29/08/2021 06:00	491.4	0.0	6.0	68.1	0.9	297.9
	29/08/2021 07:00	491.8	0.0	6.5	68.3	0.5	293.4
	29/08/2021 08:00	492.1	0.3	7.0	74.1	0.7	244.2
	29/08/2021 09:00	492.3	0.0	6.9	78.4	1.4	204.6
	29/08/2021 10:00	492.1	0.0	8.0	72.6	0.8	270.4
29	29/08/2021 11:00	491.6	0.0	10.6	64.8	1.0	284.0
	29/08/2021 12:00	490.7	0.0	13.3	54.3	2.0	142.0
	29/08/2021 13:00	490.0	0.0	14.7	47.7	2.1	116.3
	29/08/2021 14:00	489.4	0.0	15.2	44.1	2.4	82.9
	29/08/2021 15:00	489.2	0.0	14.6	44.0	2.6	94.0
	29/08/2021 16:00	489.4	0.0	13.4	49.0	2.5	79.0
	29/08/2021 17:00	490.0	0.0	10.9	62.5	2.2	58.5
	29/08/2021 18:00	490.6	0.0	9.8	65.9	2.0	37.2
	29/08/2021 19:00	491.0	0.0	9.3	68.7	1.6	45.4
	29/08/2021 20:00	491.2	0.0	8.9	69.9	1.9	93.4
	29/08/2021 21:00	491.5	0.0	8.9	69.0	0.7	125.8
	29/08/2021 22:00	491.6	0.0	8.6	71.8	0.9	141.3
	29/08/2021 23:00	491.5	0.0	8.2	73.3	1.0	109.1
	30/08/2021 00:00	491.2	0.0	7.8	73.2	1.5	280.3
	30/08/2021 01:00	490.8	0.0	7.4	73.7	1.7	277.5
	30/08/2021 02:00	490.6	0.0	7.3	74.0	1.8	283.2
	30/08/2021 03:00	490.3	0.0	7.2	74.3	0.7	297.9
	30/08/2021 04:00	490.3	0.0	6.9	73.5	1.9	38.9
	30/08/2021 05:00	490.6	0.0	7.0	75.9	1.7	33.6
	30/08/2021 06:00	491.0	0.0	7.0	77.9	1.0	343.8
	30/08/2021 07:00	491.3	0.0	7.3	75.7	1.1	283.2
	30/08/2021 08:00	491.5	0.0	8.2	71.6	1.3	281.4
	30/08/2021 09:00	491.5	0.0	10.3	64.4	1.1	183.2
	30/08/2021 10:00	491.3	0.0	11.6	56.6	1.2	127.8
	30/08/2021 11:00	490.8	0.0	13.1	51.5	1.7	128.3
	30/08/2021 12:00	490.4	0.0	11.7	53.5	1.8	207.4
	30/08/2021 13:00	489.9	0.0	11.5	54.6	2.1	204.4
	30/08/2021 14:00	489.0	0.0	14.5	46.1	1.3	235.1
	30/08/2021 15:00	488.7	0.0	14.0	50.4	2.5	93.9
	30/08/2021 16:00	489.1	0.0	12.0	56.5	3.0	72.7
	30/08/2021 17:00	489.7	0.0	10.1	62.3	2.3	54.0
	30/08/2021 18:00	490.2	0.0	9.4	66.4	2.0	65.3
	30/08/2021 19:00	490.6	0.0	8.7	71.0	1.6	62.0
	30/08/2021 20:00	490.9	0.0	8.5	71.0	1.7	102.0
	30/08/2021 21:00	490.9	0.0	8.5	70.4	1.2	58.1
	30/08/2021 22:00	490.9	0.0	8.2	71.2	1.1	348.5
	30/08/2021 23:00	490.9	0.0	7.4	72.0	1.9	18.1
	31/08/2021 00:00	490.6	0.0	6.0	73.4	2.5	3.8
	31/08/2021 01:00	490.4	0.0	5.2	75.8	1.1	306.3
	31/08/2021 02:00	490.3	0.0	4.1	78.3	1.2	287.5
	31/08/2021 03:00	490.3	0.0	3.5	80.0	1.1	283.1
	31/08/2021 04:00	490.6	0.0	3.5	79.5	0.7	286.8
	31/08/2021 05:00	490.9	0.0	4.2	77.5	0.1	1.2
	31/08/2021 06:00	491.2	0.0	4.7	76.4	0.8	286.5
	31/08/2021 07:00	491.5	0.0	5.3	75.0	1.0	276.9
	31/08/2021 08:00	491.7	0.0	7.1	70.3	0.4	194.4
	31/08/2021 09:00	491.8	0.0	9.2	64.1	1.0	280.8
	31/08/2021 10:00	491.5	0.0	10.8	55.2	1.6	282.7
30	31/08/2021 11:00	491.0	0.0	13.7	42.0	2.1	37.7
	31/08/2021 12:00	490.5	0.0	14.7	36.9	2.3	31.3
	31/08/2021 13:00	490.1	0.0	15.2	34.0	2.6	28.4
	31/08/2021 14:00	489.6	0.0	15.4	33.6	2.4	49.2
	31/08/2021 15:00	489.5	0.0	14.8	33.6	2.9	35.7
	31/08/2021 16:00	489.5	0.0	13.8	37.5	2.6	68.3
	31/08/2021 17:00	489.9	0.0	11.7	50.5	2.4	81.8
	31/08/2021 18:00	490.4	0.0	9.5	62.3	2.3	47.2
	31/08/2021 19:00	490.7	0.0	8.5	66.2	1.2	56.0
	31/08/2021 20:00	491.0	0.0	7.9	67.0	0.7	54.8
	31/08/2021 21:00	491.4	0.0	6.7	69.0	2.1	1.6
	31/08/2021 22:00	491.8	0.0	5.7	71.3	1.3	320.5
	31/08/2021 23:00	492.0	0.0	5.0	73.3	1.8	282.8

ND: datos no disponibles

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en setiembre de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0002-9-2021-412

DATOS DEL EQUIPO

EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	8.54	8.23	8.54	8.44	8.59	8.54	8.49	8.44	8.72	8.59	8.72	8.54	8.86	8.72	8.86	8.91	8.80	8.67	8.70	8.49	8.91	8.83	8.67	9.04	8.96	9.14	9.25	9.12	9.33	9.51
01:00	8.20	8.25	8.20	8.49	8.38	8.20	8.44	8.36	8.59	8.41	8.88	8.78	8.44	8.72	8.59	8.62	8.86	8.72	8.57	8.59	8.54	8.72	8.57	9.12	8.96	9.12	8.96	9.22	9.43	9.14
02:00	8.17	7.83	8.36	8.33	8.52	8.28	8.20	8.38	8.54	8.46	8.46	8.33	8.59	8.52	8.80	8.62	8.62	8.52	8.65	8.57	8.70	8.78	8.59	8.99	8.88	9.14	8.88	9.12	9.48	9.17
03:00	8.31	8.17	8.31	8.46	8.41	8.46	8.49	8.46	8.33	8.52	8.65	8.59	8.59	8.44	8.62	8.44	8.62	8.52	8.59	8.67	8.72	8.59	8.31	9.35	9.07	9.43	9.22	9.20	9.35	9.43
04:00	8.44	8.49	8.49	8.46	8.44	8.33	8.49	8.36	8.59	8.72	8.54	8.70	8.59	8.83	8.52	8.36	8.59	8.80	8.78	8.86	8.70	8.72	8.59	9.30	8.91	8.96	8.99	9.17	9.38	10.43
05:00	9.20	8.41	8.12	8.38	8.28	8.07	9.35	8.62	8.44	8.62	8.46	8.59	8.62	8.86	8.67	8.59	8.52	8.72	8.59	8.80	9.38	8.62	8.49	9.33	9.04	8.96	9.67	9.22	9.51	9.80
06:00	9.17	8.44	8.46	8.65	8.20	8.59	17.61	8.44	8.59	8.93	10.32	8.44	8.72	9.04	8.80	8.46	8.54	8.67	8.57	8.70	9.85	8.44	8.62	8.91	8.96	9.04	11.21	9.30	9.54	13.41
07:00	8.86	8.59	8.72	8.44	8.17	8.38	13.05	8.44	8.86	8.67	10.03	8.78	8.91	8.75	9.48	8.52	8.83	8.80	8.65	8.91	9.51	8.65	8.70	9.14	9.43	9.30	11.89	9.38	9.62	14.20
08:00	8.41	8.57	8.23	8.31	8.20	8.17	10.90	8.44	8.57	8.54	10.35	8.49	8.86	8.75	9.17	8.70	8.80	8.91	8.67	8.75	10.58	8.54	8.75	9.33	9.07	9.25	10.40	9.07	9.33	9.93
09:00	8.31	8.57	8.31	8.59	8.59	8.52	9.54	8.23	8.59	8.91	8.59	8.38	8.86	8.49	8.91	8.57	8.78	8.83	8.59	8.86	9.17	8.65	8.57	8.99	8.99	9.01	9.67	9.48	9.41	9.41
10:00	8.96	8.44	8.36	8.78	8.80	8.59	9.12	8.44	8.65	8.49	8.31	8.44	8.86	8.78	8.67	8.57	8.72	9.01	8.86	8.70	8.93	8.86	ID	9.09	9.22	8.99	9.51	9.09	9.22	9.20
11:00	8.65	8.36	8.52	8.80	8.41	8.49	8.72	8.59	8.88	8.62	8.44	8.28	9.01	8.49	8.54	8.70	8.67	8.93	8.75	8.59	8.78	8.88	MA	8.93	9.38	9.12	9.30	9.27	9.22	9.14
12:00	8.17	8.38	8.33	8.52	8.44	8.59	8.57	9.14	8.59	8.62	8.57	8.44	8.72	8.72	8.54	8.54	8.72	8.67	8.67	8.96	8.52	8.86	MA	8.80	9.12	8.88	8.99	9.35	9.17	9.27
13:00	8.31	7.94	8.17	8.72	8.41	8.75	8.41	8.72	8.52	8.49	8.59	8.59	8.44	8.28	8.70	8.44	9.54	8.65	8.59	8.96	9.04	8.99	MA	9.14	9.09	9.25	9.01	9.30	9.07	9.14
14:00	8.31	8.31	8.23	8.59	8.52	8.36	8.75	8.59	8.72	8.23	8.38	8.59	8.44	8.54	8.75	8.49	8.83	8.54	8.49	8.86	8.99	8.88	9.27	8.86	9.17	8.96	9.22	8.96	9.09	9.09
15:00	8.12	8.17	8.49	8.41	8.70	8.28	9.41	8.88	8.72	8.36	8.38	8.80	8.52	8.52	9.01	8.57	8.44	8.33	8.44	8.62	8.86	ID	8.93	8.72	9.01	9.17	9.12	9.07	8.91	9.14
16:00	8.04	8.36	8.15	8.44	8.33	8.31	10.58	8.52	8.54	8.44	8.54	8.20	8.70	8.44	8.83	8.44	8.49	8.62	8.41	8.67	8.75	VF	8.65	8.72	9.17	9.20	9.12	9.04	9.12	9.12
17:00	8.31	8.02	8.20	8.62	8.44	8.52	9.64	8.65	8.88	8.38	8.70	8.70	8.62	8.65	9.09	8.80	8.75	8.49	8.49	8.44	8.93	ID	8.67	8.72	9.48	9.12	9.43	9.35	9.14	9.22
18:00	8.17	8.17	8.33	8.49	8.44	8.44	8.62	8.52	8.78	8.41	8.44	8.70	8.54	8.57	8.70	8.72	8.57	8.70	8.62	8.67	8.83	8.65	8.72	8.83	8.86	8.93	9.64	9.22	9.20	9.38
19:00	8.41	8.10	8.31	8.59	8.52	8.25	8.54	8.70	8.54	8.46	8.38	8.80	8.52	8.62	8.88	8.86	8.57	8.62	8.49	9.33	8.86	8.75	9.20	8.96	9.22	9.12	9.22	9.20	9.07	9.48
20:00	8.25	8.23	8.57	8.36	8.57	8.41	8.59	8.75	8.44	8.65	8.86	8.38	8.52	8.49	8.96	9.07	9.04	8.52	8.59	9.33	8.70	8.62	8.96	8.91	9.25	9.01	9.85	9.38	9.38	9.54
21:00	8.15	8.31	8.17	8.44	8.62	8.46	8.57	8.59	8.59	8.67	8.86	8.65	8.62	8.46	8.65	9.30	8.93	8.88	8.72	9.35	8.80	8.38	9.09	9.17	9.33	9.04	9.51	9.33	9.48	9.25
22:00	8.33	8.31	8.23	8.31	8.67	8.41	8.59	8.36	8.75	8.49	8.65	8.52	8.72	8.57	8.83	8.67	8.59	8.88	8.72	9.01	8.62	8.41	8.59	9.09	9.12	9.30	9.30	9.46	9.30	9.90
23:00	8.23	8.46	8.62	8.33	8.38	8.59	8.49	8.46	8.59	8.70	8.59	8.57	8.78	8.57	8.70	8.38	8.75	8.72	8.67	8.70	8.72	8.52	8.96	8.91	8.91	9.22	9.09	9.48	9.17	9.38
Promedio de SO_2 en 24 h	**8.4**	**8.3**	**8.4**	**8.5**	**8.5**	**8.4**	**9.5**	**8.5**	**8.6**	**8.6**	**8.8**	**8.6**	**8.7**	**8.6**	**8.8**	**8.6**	**8.7**	**8.7**	**8.6**	**8.8**	**9.0**	**8.7**	**8.7**	**9.0**	**9.1**	**9.1**	**9.5**	**9.2**	**9.3**	**9.8**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																													

Superación ECA de 24 horas específico para el CMLO = 365 µg/m³

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)
VF: Verificación intermedia del analizador automático de SO_2
MA: Mantenimiento rutinario de equipos automaticos

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en setiembre de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** 0002-9-2021-412

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
00:00	8.35	8.26	8.44	8.43	8.41	8.53	8.50	8.51	8.51	8.64	8.64	8.59	8.65	8.74	8.67	8.81	8.62	8.67	8.77	8.63	8.87	8.72	8.53	8.86	8.99	9.06	9.26	9.17	9.42	9.33
01:00	8.28	8.24	8.40	8.52	8.43	8.37	8.51	8.43	8.59	8.53	8.77	8.64	8.62	8.74	8.67	8.74	8.68	8.71	8.66	8.58	8.72	8.76	8.59	9.04	8.94	9.06	9.14	9.14	9.41	9.27
02:00	8.30	8.10	8.37	8.42	8.50	8.34	8.38	8.39	8.62	8.49	8.69	8.55	8.63	8.65	8.75	8.72	8.76	8.64	8.64	8.55	8.72	8.78	8.61	9.05	8.93	9.13	9.03	9.15	9.41	9.27
03:00	8.23	8.08	8.29	8.43	8.44	8.31	8.38	8.40	8.49	8.46	8.66	8.57	8.54	8.56	8.67	8.56	8.70	8.59	8.60	8.61	8.65	8.70	8.49	9.15	8.97	9.23	9.02	9.18	9.42	9.25
04:00	8.31	8.16	8.39	8.42	8.46	8.36	8.39	8.40	8.49	8.57	8.55	8.54	8.59	8.60	8.65	8.47	8.61	8.61	8.67	8.70	8.71	8.70	8.50	9.21	8.95	9.18	9.03	9.16	9.40	9.68
05:00	8.65	8.36	8.31	8.43	8.38	8.29	8.78	8.48	8.45	8.62	8.55	8.63	8.60	8.71	8.60	8.46	8.58	8.68	8.65	8.78	8.93	8.64	8.46	9.33	9.01	9.12	9.29	9.20	9.41	9.89
06:00	8.94	8.45	8.36	8.50	8.31	8.33	11.82	8.47	8.54	8.76	9.11	8.58	8.64	8.91	8.66	8.47	8.55	8.73	8.65	8.79	9.31	8.59	8.57	9.18	8.97	8.99	9.96	9.23	9.48	11.21
07:00	9.08	8.48	8.43	8.49	8.22	8.35	13.34	8.50	8.63	8.74	9.60	8.60	8.75	8.88	8.98	8.52	8.63	8.73	8.60	8.80	9.58	8.57	8.60	9.13	9.14	9.10	10.92	9.30	9.56	12.47
08:00	8.81	8.53	8.47	8.47	8.19	8.38	13.85	8.44	8.67	8.71	10.23	8.57	8.83	8.85	9.15	8.56	8.72	8.79	8.63	8.79	9.98	8.54	8.69	9.13	9.15	9.20	11.17	9.25	9.50	12.51
09:00	8.53	8.58	8.42	8.45	8.32	8.36	11.16	8.37	8.67	8.71	9.66	8.55	8.88	8.66	9.19	8.60	8.80	8.85	8.64	8.84	9.75	8.61	8.67	9.15	9.16	9.19	10.65	9.31	9.45	11.18
10:00	8.56	8.53	8.30	8.56	8.53	8.43	9.85	8.37	8.60	8.65	9.08	8.44	8.86	8.67	8.92	8.61	8.77	8.92	8.71	8.77	9.56	8.68	ID	9.14	9.09	9.08	9.86	9.21	9.32	9.51
11:00	8.64	8.46	8.40	8.72	8.60	8.53	9.13	8.42	8.71	8.67	8.45	8.37	8.91	8.59	8.71	8.61	8.72	8.92	8.73	8.72	8.96	8.80	MA	9.00	9.20	9.04	9.49	9.28	9.28	9.25
12:00	8.59	8.39	8.40	8.70	8.55	8.56	8.80	8.72	8.71	8.58	8.44	8.39	8.86	8.66	8.58	8.60	8.70	8.87	8.76	8.75	8.74	8.87	MA	8.94	9.24	9.00	9.27	9.24	9.20	9.20
13:00	8.38	8.23	8.34	8.68	8.42	8.61	8.57	8.82	8.66	8.58	8.53	8.44	8.72	8.50	8.59	8.56	8.98	8.75	8.67	8.84	8.78	8.91	MA	8.96	9.20	9.08	9.10	9.31	9.15	9.18
14:00	8.26	8.21	8.24	8.61	8.46	8.57	8.58	8.82	8.61	8.45	8.51	8.54	8.53	8.51	8.66	8.49	9.03	8.62	8.58	8.93	8.85	8.91	ID	8.93	9.13	9.03	9.07	9.20	9.11	9.17
15:00	8.25	8.14	8.30	8.57	8.54	8.46	8.86	8.73	8.65	8.36	8.45	8.66	8.47	8.45	8.82	8.50	8.94	8.51	8.51	8.81	8.96	ID	ID	8.91	9.09	9.13	9.12	9.11	9.02	9.12
16:00	8.16	8.28	8.29	8.48	8.52	8.32	9.58	8.66	8.66	8.34	8.43	8.53	8.55	8.50	8.86	8.50	8.59	8.50	8.45	8.72	8.87	VF	8.95	8.77	9.12	9.11	9.15	9.02	9.04	9.12
17:00	8.16	8.18	8.28	8.49	8.49	8.37	9.88	8.68	8.71	8.39	8.54	8.57	8.61	8.54	8.98	8.60	8.56	8.48	8.45	8.58	8.85	ID	8.75	8.72	9.22	9.16	9.22	9.15	9.06	9.16
18:00	8.17	8.18	8.23	8.52	8.40	8.42	9.61	8.56	8.73	8.41	8.56	8.53	8.62	8.55	8.87	8.65	8.60	8.60	8.51	8.59	8.84	ID	8.68	8.76	9.17	9.08	9.40	9.20	9.15	9.24
19:00	8.30	8.10	8.28	8.57	8.47	8.40	8.93	8.62	8.73	8.42	8.51	8.73	8.56	8.61	8.89	8.79	8.63	8.60	8.53	8.81	8.87	ID	8.86	8.84	9.19	9.06	9.43	9.26	9.14	9.36
20:00	8.28	8.17	8.40	8.48	8.51	8.37	8.58	8.66	8.59	8.51	8.56	8.63	8.53	8.56	8.85	8.88	8.73	8.61	8.57	9.11	8.80	8.67	8.96	8.90	9.11	9.02	9.57	9.27	9.22	9.47
21:00	8.27	8.21	8.35	8.46	8.57	8.37	8.57	8.68	8.52	8.59	8.70	8.61	8.55	8.52	8.83	9.08	8.85	8.67	8.60	9.34	8.79	8.58	9.08	9.01	9.27	9.06	9.53	9.30	9.31	9.42
22:00	8.24	8.28	8.32	8.37	8.62	8.43	8.58	8.57	8.59	8.60	8.79	8.52	8.62	8.51	8.81	9.01	8.85	8.76	8.68	9.23	8.71	8.47	8.88	9.06	9.23	9.12	9.55	9.39	9.39	9.56
23:00	8.24	8.36	8.34	8.36	8.56	8.49	8.55	8.47	8.64	8.62	8.70	8.58	8.71	8.53	8.73	8.78	8.76	8.83	8.70	9.02	8.71	8.44	8.88	9.06	9.12	9.19	9.30	9.42	9.32	9.51

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

ID: Insuficiencia de datos para calcular promedio horario o 24 horas (menor del 75%)

VF: Verificación intermedia del analizador automático de SO_2

MA: Mantenimiento rutinario de equipos automaticos

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en setiembre de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0002-9-2021-412

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/09/2021 00:00	491.9	0.0	5.3	72.0	1.1	271.5
	1/09/2021 01:00	491.4	0.0	5.3	72.9	1.3	280.5
	1/09/2021 02:00	491.0	0.0	4.4	74.5	1.8	278.1
	1/09/2021 03:00	491.1	0.0	3.1	77.1	1.4	283.8
	1/09/2021 04:00	491.2	0.0	2.3	78.5	1.3	284.7
	1/09/2021 05:00	491.4	0.0	2.0	78.8	1.2	277.7
	1/09/2021 06:00	491.8	0.0	1.7	79.0	1.0	276.7
	1/09/2021 07:00	492.1	0.0	2.4	75.5	0.8	275.4
	1/09/2021 08:00	492.3	0.0	5.5	65.0	0.6	248.0
	1/09/2021 09:00	492.3	0.0	8.5	58.7	0.9	221.8
	1/09/2021 10:00	491.9	0.0	12.2	44.4	1.5	107.4
	1/09/2021 11:00	491.5	0.0	14.2	28.6	2.6	22.2
1	1/09/2021 12:00	491.1	0.0	14.9	28.5	2.5	37.9
	1/09/2021 13:00	490.7	0.0	15.5	26.1	2.5	49.3
	1/09/2021 14:00	490.1	0.0	15.8	26.2	2.7	31.5
	1/09/2021 15:00	489.7	0.0	15.1	31.7	2.9	20.5
	1/09/2021 16:00	489.6	0.0	14.2	35.6	2.9	48.6
	1/09/2021 17:00	489.5	0.0	12.5	44.1	1.9	56.2
	1/09/2021 18:00	489.8	0.0	10.8	53.0	1.8	49.5
	1/09/2021 19:00	490.5	0.0	9.3	60.9	1.6	19.8
	1/09/2021 20:00	491.0	0.0	8.5	66.8	1.4	103.4
	1/09/2021 21:00	491.4	0.0	8.5	67.5	1.1	349.5
	1/09/2021 22:00	491.4	0.0	8.1	67.1	0.8	332.7
	1/09/2021 23:00	491.5	0.0	6.9	69.6	1.4	352.3
	2/09/2021 00:00	491.2	0.0	5.7	71.5	2.1	358.3
	2/09/2021 01:00	490.9	0.0	4.5	75.9	1.3	286.1
	2/09/2021 02:00	490.8	0.0	3.8	75.6	1.2	298.3
	2/09/2021 03:00	490.8	0.0	2.9	78.1	1.3	288.6
	2/09/2021 04:00	490.9	0.0	2.0	79.7	1.5	286.4
	2/09/2021 05:00	491.1	0.0	1.4	80.2	1.5	279.4
	2/09/2021 06:00	491.6	0.0	1.1	80.0	1.4	276.2
	2/09/2021 07:00	492.1	0.0	1.8	77.6	0.7	276.3
	2/09/2021 08:00	492.3	0.0	4.0	71.4	0.4	293.7
	2/09/2021 09:00	492.2	0.0	7.8	61.5	0.8	183.1
	2/09/2021 10:00	491.9	0.0	10.9	51.0	1.0	139.8
2	2/09/2021 11:00	491.1	0.0	13.9	40.7	2.0	69.8
	2/09/2021 12:00	490.6	0.0	15.1	32.7	2.9	27.3
	2/09/2021 13:00	490.2	0.0	15.4	31.4	2.4	41.2
	2/09/2021 14:00	489.8	0.0	15.4	29.8	2.7	50.6
	2/09/2021 15:00	489.5	0.0	15.1	34.6	3.5	37.1
	2/09/2021 16:00	489.5	0.0	14.0	38.0	3.0	53.7
	2/09/2021 17:00	489.7	0.0	12.6	42.8	3.0	53.2
	2/09/2021 18:00	490.1	0.0	11.1	51.0	1.5	46.8
	2/09/2021 19:00	490.8	0.0	9.8	55.8	1.6	47.4
	2/09/2021 20:00	491.3	0.0	9.2	58.3	1.0	57.8
	2/09/2021 21:00	491.7	0.0	8.3	62.9	1.0	49.1
	2/09/2021 22:00	492.1	0.0	7.2	67.1	2.1	6.6
	2/09/2021 23:00	492.1	0.0	6.6	68.0	1.4	318.5
	3/09/2021 00:00	491.7	0.0	5.6	69.5	1.3	289.3
	3/09/2021 01:00	491.4	0.0	4.5	72.2	1.5	291.6
	3/09/2021 02:00	491.1	0.0	3.6	73.5	1.3	279.2
	3/09/2021 03:00	491.0	0.0	2.8	73.5	1.2	278.9
	3/09/2021 04:00	491.0	0.0	2.2	73.8	1.4	279.8
	3/09/2021 05:00	491.4	0.0	1.5	74.4	1.3	276.3
	3/09/2021 06:00	491.7	0.0	0.8	75.8	1.7	275.9
	3/09/2021 07:00	492.1	0.0	1.5	73.0	0.8	270.5
	3/09/2021 08:00	492.2	0.0	5.2	59.9	0.6	189.7
	3/09/2021 09:00	492.0	0.0	8.8	51.5	0.8	126.6
	3/09/2021 10:00	491.6	0.0	12.9	43.7	1.2	128.0
3	3/09/2021 11:00	490.9	0.0	15.3	35.2	1.2	156.9
	3/09/2021 12:00	490.2	0.0	17.0	32.2	1.5	212.6
	3/09/2021 13:00	489.8	0.0	17.3	33.7	3.1	76.3
	3/09/2021 14:00	489.5	0.0	16.3	37.8	3.3	67.1
	3/09/2021 15:00	489.1	0.0	15.1	40.3	3.6	70.2
	3/09/2021 16:00	489.3	0.0	13.9	47.5	3.0	106.0
	3/09/2021 17:00	489.7	0.0	12.0	55.7	2.4	97.7
	3/09/2021 18:00	490.2	0.0	10.5	63.5	1.6	60.0
	3/09/2021 19:00	490.6	0.0	9.7	66.3	2.0	91.0
	3/09/2021 20:00	491.0	0.0	8.8	67.8	2.1	8.9
	3/09/2021 21:00	491.1	0.0	7.8	69.1	1.5	355.7
	3/09/2021 22:00	491.3	0.0	6.8	70.4	1.8	9.0

	3/09/2021 23:00	491.4	0.0	5.9	74.2	1.4	292.7
	4/09/2021 00:00	491.3	0.0	5.0	76.8	1.6	285.5
	4/09/2021 01:00	491.0	0.0	4.0	79.0	1.4	282.7
	4/09/2021 02:00	490.8	0.0	3.3	80.1	1.2	285.7
	4/09/2021 03:00	490.6	0.0	2.6	81.0	1.5	285.5
	4/09/2021 04:00	490.4	0.0	1.9	81.4	1.4	279.1
	4/09/2021 05:00	490.6	0.0	1.4	81.8	1.3	280.5
	4/09/2021 06:00	491.0	0.0	1.0	81.9	1.4	280.6
	4/09/2021 07:00	491.4	0.0	1.9	79.0	0.8	252.9
	4/09/2021 08:00	491.6	0.0	4.9	70.0	0.6	86.9
	4/09/2021 09:00	491.6	0.0	9.0	60.6	0.6	211.4
	4/09/2021 10:00	491.2	0.0	12.4	53.6	1.4	155.5
4	4/09/2021 11:00	490.5	0.0	14.6	45.9	1.0	95.6
	4/09/2021 12:00	489.8	0.0	16.5	38.4	1.2	173.3
	4/09/2021 13:00	489.4	0.0	15.8	41.1	2.2	149.5
	4/09/2021 14:00	489.3	0.0	14.2	52.1	2.7	106.8
	4/09/2021 15:00	489.0	0.0	13.6	56.8	2.3	102.5
	4/09/2021 16:00	489.1	0.0	13.8	52.5	2.5	119.9
	4/09/2021 17:00	489.5	0.3	11.5	60.2	1.5	239.8
	4/09/2021 18:00	490.0	0.0	10.4	65.9	1.0	88.5
	4/09/2021 19:00	490.5	0.0	9.4	70.3	1.4	53.3
	4/09/2021 20:00	491.0	0.0	8.4	71.4	1.8	4.0
	4/09/2021 21:00	491.3	0.0	7.3	72.4	1.3	352.3
	4/09/2021 22:00	491.5	0.0	6.2	74.3	1.8	8.1
	4/09/2021 23:00	491.5	0.0	5.4	76.9	1.8	320.6
	5/09/2021 00:00	491.4	0.0	4.4	79.6	1.4	282.8
	5/09/2021 01:00	491.0	0.0	4.1	79.6	0.9	292.3
	5/09/2021 02:00	490.8	0.0	4.0	80.1	0.7	290.0
	5/09/2021 03:00	490.6	0.0	3.7	80.6	1.0	285.3
	5/09/2021 04:00	490.6	0.0	3.5	80.7	0.9	282.2
	5/09/2021 05:00	490.9	0.0	3.6	80.1	0.8	284.3
	5/09/2021 06:00	491.3	0.0	3.9	79.0	1.1	280.6
	5/09/2021 07:00	491.6	0.0	4.7	76.0	0.3	139.7
	5/09/2021 08:00	491.8	0.0	6.2	71.9	0.7	142.0
	5/09/2021 09:00	491.8	0.0	8.0	67.7	0.3	139.7
	5/09/2021 10:00	491.5	0.0	11.2	59.6	0.6	134.6
5	5/09/2021 11:00	491.1	0.0	13.4	44.7	2.3	78.7
	5/09/2021 12:00	490.8	0.0	13.4	46.6	2.7	107.7
	5/09/2021 13:00	490.6	4.1	11.5	55.5	3.5	102.2
	5/09/2021 14:00	490.0	0.0	11.0	60.1	2.4	340.7
	5/09/2021 15:00	489.1	0.0	14.1	44.3	1.7	38.3
	5/09/2021 16:00	489.3	0.0	13.1	46.1	3.2	85.5
	5/09/2021 17:00	490.2	0.0	9.0	62.7	1.8	108.8
	5/09/2021 18:00	490.6	0.0	8.7	65.3	1.2	252.8
	5/09/2021 19:00	490.8	0.0	7.9	66.2	1.5	290.2
	5/09/2021 20:00	491.3	0.0	7.6	66.4	0.6	270.1
	5/09/2021 21:00	491.9	0.0	7.6	65.5	0.6	283.7
	5/09/2021 22:00	492.0	0.0	6.9	68.6	0.8	290.3
	5/09/2021 23:00	491.9	0.0	6.4	69.9	0.8	290.0
	6/09/2021 00:00	491.9	0.0	5.6	71.3	1.0	276.4
	6/09/2021 01:00	491.5	0.0	5.5	72.8	0.4	30.6
	6/09/2021 02:00	491.2	0.0	5.7	73.3	0.4	40.9
	6/09/2021 03:00	490.9	0.0	5.2	76.5	0.5	181.2
	6/09/2021 04:00	490.9	0.0	4.8	78.7	0.9	141.9
	6/09/2021 05:00	491.0	0.0	4.3	80.1	1.1	121.9
	6/09/2021 06:00	491.4	0.0	4.3	78.9	0.8	141.6
	6/09/2021 07:00	491.9	0.0	4.8	77.2	1.1	149.6
	6/09/2021 08:00	492.3	0.0	6.0	72.9	0.9	140.1
	6/09/2021 09:00	492.4	0.0	7.7	67.0	0.7	152.2
	6/09/2021 10:00	492.3	0.0	9.1	62.4	0.7	185.6
6	6/09/2021 11:00	491.9	0.0	10.2	58.9	1.3	175.4
	6/09/2021 12:00	491.3	0.0	10.8	57.2	1.3	171.5
	6/09/2021 13:00	490.8	0.0	12.0	53.2	0.9	192.0
	6/09/2021 14:00	490.5	0.0	10.9	58.1	2.4	67.7
	6/09/2021 15:00	490.1	0.0	10.8	60.2	1.0	27.3
	6/09/2021 16:00	490.0	0.0	10.7	59.2	1.4	133.2
	6/09/2021 17:00	489.9	0.0	10.3	61.9	1.2	56.9
	6/09/2021 18:00	490.2	0.0	8.9	68.0	3.1	69.0
	6/09/2021 19:00	490.6	0.0	7.8	72.4	2.8	51.0
	6/09/2021 20:00	490.9	0.0	7.8	71.3	1.8	14.5
	6/09/2021 21:00	491.2	0.0	7.4	71.5	1.5	352.2
	6/09/2021 22:00	491.4	0.0	6.5	72.5	1.0	339.9
	6/09/2021 23:00	491.5	0.0	5.6	75.7	1.2	288.8
	7/09/2021 00:00	491.2	0.0	5.3	76.6	0.8	282.7
	7/09/2021 01:00	490.8	0.0	4.9	77.5	1.4	273.9
	7/09/2021 02:00	490.6	0.0	4.7	78.0	0.9	271.0
	7/09/2021 03:00	490.5	0.0	4.8	77.4	0.9	282.6
	7/09/2021 04:00	490.4	0.0	4.7	78.2	0.6	274.2
	7/09/2021 05:00	490.5	0.0	4.2	79.5	1.1	305.5
	7/09/2021 06:00	490.9	0.0	3.8	79.9	0.9	271.5
	7/09/2021 07:00	491.3	0.0	4.6	77.9	1.0	275.5
	7/09/2021 08:00	491.6	0.0	6.7	72.5	1.0	130.7
	7/09/2021 09:00	491.7	0.0	9.8	62.8	0.9	154.4
	7/09/2021 10:00	491.3	0.0	12.2	54.5	1.1	141.3
7	7/09/2021 11:00	490.8	0.0	13.6	48.5	1.8	48.9
	7/09/2021 12:00	490.3	0.0	14.1	45.7	2.2	41.6
	7/09/2021 13:00	489.6	0.0	14.4	45.8	2.9	42.8
	7/09/2021 14:00	489.1	0.0	14.4	48.8	2.6	52.0
	7/09/2021 15:00	489.4	0.0	13.1	51.2	2.2	316.2
	7/09/2021 16:00	490.0	0.3	9.4	67.6	1.7	208.5
	7/09/2021 17:00	490.2	0.3	8.3	73.2	0.9	95.4
	7/09/2021 18:00	490.4	0.0	7.7	75.9	1.6	273.2
	7/09/2021 19:00	490.6	0.0	7.5	77.0	1.8	279.8
	7/09/2021 20:00	490.9	0.0	7.1	79.6	0.7	263.2
	7/09/2021 21:00	491.1	0.0	7.1	79.5	1.1	277.4
	7/09/2021 22:00	491.2	0.0	7.0	79.4	0.7	305.4
	7/09/2021 23:00	491.4	0.0	6.8	77.9	1.0	311.9
	8/09/2021 00:00	490.9	0.0	6.4	79.6	0.9	275.4

	8/09/2021 01:00	490.4	0.0	6.2	79.9	1.3	278.5
	8/09/2021 02:00	490.1	0.0	6.2	80.0	0.4	287.0
	8/09/2021 03:00	489.9	0.0	6.3	80.0	0.6	277.6
	8/09/2021 04:00	489.7	0.0	6.1	80.7	0.6	277.9
	8/09/2021 05:00	489.9	0.0	5.4	80.8	0.6	12.0
	8/09/2021 06:00	490.4	0.0	5.3	78.3	1.0	281.1
	8/09/2021 07:00	490.9	0.0	6.0	75.8	0.9	286.1
	8/09/2021 08:00	491.4	0.0	6.7	73.0	1.9	278.9
	8/09/2021 09:00	491.5	0.0	8.7	67.1	1.4	270.6
	8/09/2021 10:00	491.0	0.0	11.3	60.6	0.9	172.3
8	8/09/2021 11:00	490.3	0.0	13.0	55.5	0.8	150.3
	8/09/2021 12:00	489.8	0.0	15.2	41.6	1.7	349.6
	8/09/2021 13:00	489.1	0.0	15.9	42.9	2.5	28.1
	8/09/2021 14:00	488.5	0.0	15.8	43.0	2.6	91.7
	8/09/2021 15:00	488.3	0.0	14.7	48.7	2.7	85.2
	8/09/2021 16:00	488.7	0.0	12.2	58.4	2.6	103.4
	8/09/2021 17:00	489.3	0.0	10.3	64.3	2.2	1.7
	8/09/2021 18:00	489.8	1.2	7.9	80.0	1.9	299.6
	8/09/2021 19:00	490.3	0.0	8.2	77.4	1.3	245.4
	8/09/2021 20:00	490.7	0.3	7.9	77.0	1.2	257.7
	8/09/2021 21:00	491.1	1.5	6.6	83.7	1.1	269.1
	8/09/2021 22:00	491.2	0.0	6.6	81.8	0.6	276.2
	8/09/2021 23:00	491.1	0.0	6.8	81.0	0.5	296.2
	9/09/2021 00:00	490.8	0.0	6.9	79.7	0.3	288.1
	9/09/2021 01:00	490.4	0.0	6.8	81.0	0.7	277.1
	9/09/2021 02:00	490.1	0.0	6.7	82.1	0.8	289.4
	9/09/2021 03:00	490.0	0.0	6.9	82.6	0.4	266.6
	9/09/2021 04:00	490.0	0.0	6.8	82.3	0.1	324.7
	9/09/2021 05:00	490.2	0.0	6.9	82.0	0.8	150.5
	9/09/2021 06:00	490.7	0.0	6.9	81.7	0.6	159.1
	9/09/2021 07:00	491.1	0.0	7.0	82.7	0.4	149.0
	9/09/2021 08:00	491.4	0.0	7.5	79.7	0.9	113.2
	9/09/2021 09:00	491.4	0.0	9.5	68.8	0.9	285.2
	9/09/2021 10:00	491.2	0.0	10.7	64.8	0.9	107.4
9	9/09/2021 11:00	491.0	0.8	11.1	65.3	2.2	350.5
	9/09/2021 12:00	490.4	0.0	11.2	62.1	1.9	53.2
	9/09/2021 13:00	489.5	0.0	14.0	49.5	1.4	44.2
	9/09/2021 14:00	488.9	0.0	14.0	47.8	1.5	280.8
	9/09/2021 15:00	489.0	0.3	10.7	59.5	2.2	339.7
	9/09/2021 16:00	489.0	0.0	10.8	57.8	1.7	39.1
	9/09/2021 17:00	489.4	0.0	10.1	60.6	1.4	41.8
	9/09/2021 18:00	489.5	0.0	9.6	65.4	1.3	301.5
	9/09/2021 19:00	489.9	0.0	8.5	72.6	1.3	280.8
	9/09/2021 20:00	490.4	0.0	7.8	73.8	0.7	12.4
	9/09/2021 21:00	490.7	0.0	7.0	77.7	1.0	280.0
	9/09/2021 22:00	491.1	0.0	6.2	79.2	0.8	266.5
	9/09/2021 23:00	491.1	0.0	5.9	80.2	1.0	279.4
	10/09/2021 00:00	490.9	0.0	5.3	81.2	0.9	279.7
	10/09/2021 01:00	490.5	0.0	4.5	82.3	0.6	290.1
	10/09/2021 02:00	490.2	0.0	3.8	83.0	0.8	298.7
	10/09/2021 03:00	490.3	0.0	3.0	84.9	1.2	289.5
	10/09/2021 04:00	490.5	0.0	2.7	84.8	0.6	282.8
	10/09/2021 05:00	490.5	0.0	2.3	84.4	0.8	308.9
	10/09/2021 06:00	490.9	0.0	2.1	85.2	1.4	281.2
	10/09/2021 07:00	491.2	0.0	3.1	81.4	1.2	283.4
	10/09/2021 08:00	491.3	0.0	5.8	70.9	0.7	267.0
	10/09/2021 09:00	491.1	0.0	9.5	60.2	0.6	222.7
	10/09/2021 10:00	490.8	0.0	11.1	53.9	0.6	88.9
10	10/09/2021 11:00	490.4	0.0	13.0	50.0	0.7	34.9
	10/09/2021 12:00	489.8	0.0	14.7	42.2	0.9	102.2
	10/09/2021 13:00	489.2	0.0	15.4	47.1	2.5	91.5
	10/09/2021 14:00	488.5	0.0	15.8	46.7	2.7	54.5
	10/09/2021 15:00	488.2	0.0	14.7	51.4	2.8	70.6
	10/09/2021 16:00	488.6	0.0	12.2	59.2	2.1	77.5
	10/09/2021 17:00	489.0	0.0	10.7	65.9	2.3	59.9
	10/09/2021 18:00	489.6	0.0	9.6	73.7	1.8	88.1
	10/09/2021 19:00	490.0	0.0	9.3	73.7	1.5	65.9
	10/09/2021 20:00	490.7	0.0	9.0	74.7	1.3	90.0
	10/09/2021 21:00	491.0	0.0	8.3	78.7	1.1	62.7
	10/09/2021 22:00	491.1	0.0	7.9	79.4	1.1	37.3
	10/09/2021 23:00	491.2	0.0	7.8	79.3	0.3	260.4
	11/09/2021 00:00	490.9	0.0	8.1	74.5	0.8	61.2
	11/09/2021 01:00	490.5	0.0	8.0	74.1	1.1	31.9
	11/09/2021 02:00	490.2	0.0	7.8	74.3	1.3	10.0
	11/09/2021 03:00	490.0	0.0	7.6	76.4	1.1	329.7
	11/09/2021 04:00	490.0	0.0	7.1	76.4	1.5	6.3
	11/09/2021 05:00	490.2	0.0	6.7	75.0	1.7	17.8
	11/09/2021 06:00	490.6	0.0	7.1	78.3	0.6	277.7
	11/09/2021 07:00	491.0	0.0	7.6	77.1	0.8	275.1
	11/09/2021 08:00	491.3	0.0	8.8	73.5	1.6	277.6
	11/09/2021 09:00	491.4	0.0	11.3	61.1	1.9	99.4
	11/09/2021 10:00	491.4	0.0	12.3	56.0	3.2	118.4
11	11/09/2021 11:00	491.1	0.0	13.4	53.4	2.5	77.4
	11/09/2021 12:00	490.7	0.0	13.9	50.4	3.2	52.1
	11/09/2021 13:00	490.3	0.0	13.5	49.6	2.8	51.2
	11/09/2021 14:00	489.9	0.0	13.6	50.6	3.1	41.4
	11/09/2021 15:00	489.7	0.0	13.7	52.2	2.6	83.7
	11/09/2021 16:00	489.8	0.0	12.2	55.6	2.7	46.3
	11/09/2021 17:00	490.1	0.0	10.8	59.5	1.7	30.4
	11/09/2021 18:00	490.8	0.0	9.5	65.5	2.0	28.8
	11/09/2021 19:00	491.1	0.0	9.0	67.2	1.2	26.1
	11/09/2021 20:00	491.5	0.0	8.4	69.8	1.6	298.9
	11/09/2021 21:00	491.6	0.0	7.4	72.0	1.6	325.7
	11/09/2021 22:00	491.8	0.0	6.5	71.2	2.6	357.7
	11/09/2021 23:00	491.8	0.0	5.6	74.4	1.3	305.7
	12/09/2021 00:00	491.8	0.0	4.8	75.6	1.2	302.4
	12/09/2021 01:00	491.4	0.0	3.7	79.6	1.6	279.9
	12/09/2021 02:00	491.2	0.0	3.1	80.1	1.3	276.1

	12/09/2021 03:00	491.1	0.0	2.4	80.9	1.8	282.0
	12/09/2021 04:00	491.2	0.0	1.9	81.3	1.5	283.9
	12/09/2021 05:00	491.6	0.0	1.6	81.5	0.9	284.4
	12/09/2021 06:00	491.9	0.0	1.6	81.0	1.2	284.2
	12/09/2021 07:00	492.1	0.0	2.8	77.7	0.7	285.6
	12/09/2021 08:00	492.3	0.0	6.0	69.1	0.8	39.2
	12/09/2021 09:00	492.2	0.0	9.7	61.3	0.8	158.3
	12/09/2021 10:00	491.9	0.0	12.7	51.3	1.6	188.6
12	12/09/2021 11:00	491.6	0.0	13.6	45.6	3.0	126.6
	12/09/2021 12:00	491.2	0.0	14.7	41.6	2.7	120.6
	12/09/2021 13:00	490.7	0.0	15.6	39.6	2.6	82.9
	12/09/2021 14:00	490.2	0.0	15.5	42.3	3.1	46.1
	12/09/2021 15:00	490.0	0.0	15.0	44.5	2.8	71.0
	12/09/2021 16:00	490.0	0.0	13.7	46.7	2.8	49.1
	12/09/2021 17:00	490.3	0.0	11.8	53.5	2.3	42.7
	12/09/2021 18:00	490.8	0.0	10.5	59.4	1.1	33.5
	12/09/2021 19:00	491.1	0.0	9.5	66.0	1.4	16.0
	12/09/2021 20:00	491.3	0.0	8.5	67.9	1.9	13.2
	12/09/2021 21:00	491.6	0.0	7.9	70.4	1.8	71.0
	12/09/2021 22:00	491.8	0.0	7.2	74.8	2.0	43.8
	12/09/2021 23:00	492.0	0.0	6.2	76.9	1.8	326.0
	13/09/2021 00:00	491.7	0.0	5.7	78.7	1.6	281.8
	13/09/2021 01:00	491.4	0.0	6.5	77.4	0.8	269.3
	13/09/2021 02:00	491.1	0.0	6.5	77.0	0.4	277.1
	13/09/2021 03:00	491.0	0.0	6.5	78.0	0.8	310.0
	13/09/2021 04:00	490.8	0.0	6.2	78.6	0.8	289.5
	13/09/2021 05:00	491.2	0.0	6.2	79.0	0.8	292.1
	13/09/2021 06:00	491.6	0.0	5.6	80.0	1.6	276.8
	13/09/2021 07:00	491.9	0.0	6.6	76.4	0.8	190.0
	13/09/2021 08:00	492.1	0.0	9.2	67.4	0.8	146.3
	13/09/2021 09:00	492.1	0.0	11.7	50.8	1.2	159.5
	13/09/2021 10:00	491.6	0.0	13.7	44.6	1.5	149.0
13	13/09/2021 11:00	491.0	0.0	15.9	35.8	1.6	90.5
	13/09/2021 12:00	490.5	0.0	16.5	38.2	2.7	73.8
	13/09/2021 13:00	490.0	0.0	16.3	42.1	2.9	93.5
	13/09/2021 14:00	489.6	0.0	16.2	42.4	2.8	73.9
	13/09/2021 15:00	489.2	0.0	15.9	43.4	2.6	82.7
	13/09/2021 16:00	489.1	0.0	14.7	48.3	2.2	76.9
	13/09/2021 17:00	489.6	0.0	12.1	58.6	2.2	57.4
	13/09/2021 18:00	490.0	0.0	10.4	66.0	2.0	55.8
	13/09/2021 19:00	490.4	0.0	9.7	66.4	1.5	39.8
	13/09/2021 20:00	490.8	0.0	9.4	66.8	1.2	25.2
	13/09/2021 21:00	491.0	0.0	9.5	65.7	1.4	342.2
	13/09/2021 22:00	490.9	0.0	9.0	68.1	1.6	287.2
	13/09/2021 23:00	490.5	0.0	8.2	69.8	1.2	299.9
	14/09/2021 00:00	490.3	0.0	7.0	73.2	1.2	297.9
	14/09/2021 01:00	490.2	0.0	6.3	74.5	0.9	304.4
	14/09/2021 02:00	490.0	0.0	5.9	75.8	1.6	283.0
	14/09/2021 03:00	489.8	0.0	5.6	76.4	1.4	276.0
	14/09/2021 04:00	490.0	0.0	5.5	77.0	1.2	290.2
	14/09/2021 05:00	490.3	0.0	5.6	77.3	1.0	280.6
	14/09/2021 06:00	490.6	0.0	5.8	76.7	0.8	277.3
	14/09/2021 07:00	491.1	0.0	6.4	74.6	1.3	276.7
	14/09/2021 08:00	491.3	0.0	8.5	67.1	0.8	203.9
	14/09/2021 09:00	491.3	0.0	10.7	57.2	0.7	53.5
	14/09/2021 10:00	491.1	0.0	12.9	45.9	0.8	240.5
14	14/09/2021 11:00	490.4	0.0	14.5	39.2	0.8	196.6
	14/09/2021 12:00	489.9	0.0	15.3	38.1	1.3	29.5
	14/09/2021 13:00	489.4	0.0	15.6	42.2	1.3	28.4
	14/09/2021 14:00	489.1	0.0	15.6	47.7	2.4	87.0
	14/09/2021 15:00	488.9	0.0	15.1	51.0	3.0	91.0
	14/09/2021 16:00	488.9	0.0	13.9	54.5	2.0	77.8
	14/09/2021 17:00	489.3	0.0	12.0	61.1	2.1	70.8
	14/09/2021 18:00	489.8	0.0	10.6	66.3	2.0	64.9
	14/09/2021 19:00	490.5	0.0	9.5	70.2	1.7	44.9
	14/09/2021 20:00	490.8	0.0	9.5	69.4	0.9	51.7
	14/09/2021 21:00	490.8	0.0	8.9	70.3	1.3	7.9
	14/09/2021 22:00	491.0	0.0	7.7	71.3	2.4	7.7
	14/09/2021 23:00	491.0	0.0	7.4	73.6	1.9	314.8
	15/09/2021 00:00	490.7	0.0	7.2	76.0	0.9	273.3
	15/09/2021 01:00	490.3	0.0	7.0	77.3	0.7	287.4
	15/09/2021 02:00	490.2	0.0	6.6	75.9	1.4	313.9
	15/09/2021 03:00	490.2	0.0	5.8	79.1	1.2	280.3
	15/09/2021 04:00	490.3	0.0	5.4	79.9	0.9	277.1
	15/09/2021 05:00	490.4	0.0	5.4	79.9	1.1	289.6
	15/09/2021 06:00	490.8	0.0	5.7	79.4	1.7	280.0
	15/09/2021 07:00	491.2	0.0	6.4	77.8	0.9	277.3
	15/09/2021 08:00	491.5	0.0	7.8	73.7	0.6	237.3
	15/09/2021 09:00	491.7	0.0	9.7	66.1	1.0	53.9
	15/09/2021 10:00	491.7	0.0	11.4	58.5	1.7	55.5
15	15/09/2021 11:00	491.6	0.0	11.0	63.1	2.6	58.6
	15/09/2021 12:00	491.3	0.0	12.1	57.7	2.2	73.5
	15/09/2021 13:00	491.1	0.0	12.2	56.3	3.0	47.8
	15/09/2021 14:00	490.5	0.0	12.8	53.2	1.9	34.9
	15/09/2021 15:00	490.3	0.0	12.1	57.2	2.5	43.4
	15/09/2021 16:00	490.0	0.0	12.2	53.6	1.7	22.7
	15/09/2021 17:00	489.9	0.0	11.7	53.8	1.9	54.3
	15/09/2021 18:00	490.1	0.0	10.4	61.0	1.8	61.9
	15/09/2021 19:00	490.5	0.0	9.5	62.5	1.2	44.2
	15/09/2021 20:00	491.2	0.0	8.4	69.6	1.6	106.1
	15/09/2021 21:00	491.7	0.0	8.0	71.5	1.2	341.4
	15/09/2021 22:00	492.0	0.0	7.0	73.0	1.8	300.0
	15/09/2021 23:00	492.0	0.0	6.7	73.2	2.2	271.7
	16/09/2021 00:00	491.7	0.0	6.9	73.5	1.4	279.1
	16/09/2021 01:00	491.4	0.0	6.0	80.7	2.2	275.2
	16/09/2021 02:00	491.2	0.0	6.3	79.0	1.2	280.4
	16/09/2021 03:00	491.1	0.0	6.5	76.8	1.2	343.6
	16/09/2021 04:00	491.2	0.3	6.3	75.4	1.4	22.8

	16/09/2021 05:00	491.4	0.0	6.1	74.1	1.2	13.1
	16/09/2021 06:00	491.8	0.0	5.3	75.0	1.7	3.5
	16/09/2021 07:00	492.0	0.0	6.4	71.9	0.9	56.1
	16/09/2021 08:00	492.2	0.0	8.8	63.3	1.0	60.2
	16/09/2021 09:00	492.2	0.0	11.1	53.8	1.2	160.6
	16/09/2021 10:00	492.1	0.0	11.9	51.2	2.0	40.1
16	16/09/2021 11:00	491.9	0.0	12.9	47.0	2.6	27.2
	16/09/2021 12:00	491.3	0.0	13.5	47.1	2.6	52.9
	16/09/2021 13:00	491.1	0.0	13.1	50.5	2.6	84.3
	16/09/2021 14:00	490.6	0.0	12.3	54.8	2.8	52.3
	16/09/2021 15:00	490.6	0.0	10.9	62.0	2.2	66.8
	16/09/2021 16:00	490.8	0.0	9.9	65.9	2.4	65.8
	16/09/2021 17:00	490.9	0.0	9.1	69.8	2.1	23.8
	16/09/2021 18:00	491.1	0.0	8.5	71.6	1.1	18.1
	16/09/2021 19:00	491.4	0.0	8.4	70.3	1.0	85.8
	16/09/2021 20:00	492.0	0.0	8.4	70.4	0.6	15.7
	16/09/2021 21:00	492.2	0.0	8.6	69.8	1.1	120.4
	16/09/2021 22:00	492.6	0.0	8.2	71.5	0.7	49.4
	16/09/2021 23:00	492.3	0.0	7.9	73.8	1.0	45.3
	17/09/2021 00:00	492.1	0.0	8.0	72.2	0.7	101.6
	17/09/2021 01:00	491.7	0.0	8.0	72.3	0.5	145.2
	17/09/2021 02:00	491.6	0.0	7.9	72.5	1.1	53.4
	17/09/2021 03:00	491.4	0.0	7.7	72.6	1.0	68.3
	17/09/2021 04:00	491.5	0.0	7.4	72.6	1.6	65.0
	17/09/2021 05:00	491.6	0.0	7.2	72.9	1.3	25.1
	17/09/2021 06:00	492.0	0.0	6.6	72.8	1.8	24.2
	17/09/2021 07:00	492.5	0.0	7.2	73.0	0.8	194.4
	17/09/2021 08:00	492.8	0.0	8.1	70.3	0.6	189.0
	17/09/2021 09:00	492.9	0.0	9.4	64.6	1.0	173.4
	17/09/2021 10:00	492.8	0.0	11.5	54.3	1.4	115.1
17	17/09/2021 11:00	492.3	0.0	13.1	47.0	2.6	48.8
	17/09/2021 12:00	491.7	0.0	14.3	40.4	2.5	26.2
	17/09/2021 13:00	491.0	0.0	14.9	38.1	2.8	34.1
	17/09/2021 14:00	490.3	0.0	15.1	37.1	2.6	45.9
	17/09/2021 15:00	489.8	0.0	14.9	40.2	2.7	42.3
	17/09/2021 16:00	490.0	0.0	13.1	49.2	2.6	75.1
	17/09/2021 17:00	490.4	0.0	11.6	57.0	2.6	63.3
	17/09/2021 18:00	490.8	0.0	9.9	64.1	2.2	51.7
	17/09/2021 19:00	491.0	0.0	9.1	65.9	1.3	42.8
	17/09/2021 20:00	491.4	0.0	8.4	68.6	1.2	301.9
	17/09/2021 21:00	491.7	0.0	7.3	70.1	1.5	316.5
	17/09/2021 22:00	491.9	0.0	6.3	71.9	1.5	301.2
	17/09/2021 23:00	491.8	0.0	6.0	72.8	1.4	275.0
	18/09/2021 00:00	491.6	0.0	5.4	74.0	1.2	279.0
	18/09/2021 01:00	491.2	0.0	4.3	76.7	1.5	281.1
	18/09/2021 02:00	490.9	0.0	3.5	78.8	1.2	284.7
	18/09/2021 03:00	490.8	0.0	2.7	80.0	1.6	273.1
	18/09/2021 04:00	491.1	0.0	2.0	80.5	1.5	277.9
	18/09/2021 05:00	491.4	0.0	2.1	80.1	1.1	280.7
	18/09/2021 06:00	491.8	0.0	2.5	79.1	1.0	277.0
	18/09/2021 07:00	492.1	0.0	3.8	75.5	0.6	273.4
	18/09/2021 08:00	492.3	0.0	5.4	71.2	0.6	297.2
	18/09/2021 09:00	492.1	0.0	9.2	62.7	0.6	226.9
	18/09/2021 10:00	491.7	0.0	12.4	50.1	1.4	353.7
18	18/09/2021 11:00	491.1	0.0	14.4	41.4	2.2	83.2
	18/09/2021 12:00	490.3	0.0	15.5	37.1	2.8	61.8
	18/09/2021 13:00	489.6	0.0	15.8	35.2	3.7	30.4
	18/09/2021 14:00	488.9	0.0	16.0	35.9	2.7	47.2
	18/09/2021 15:00	488.8	0.0	15.7	40.2	2.9	61.2
	18/09/2021 16:00	489.0	0.0	14.1	46.0	2.8	86.4
	18/09/2021 17:00	489.4	0.0	12.1	52.0	2.5	107.7
	18/09/2021 18:00	489.9	0.0	10.3	59.5	1.6	39.5
	18/09/2021 19:00	490.5	0.0	9.3	64.9	1.1	72.3
	18/09/2021 20:00	490.8	0.0	8.5	68.7	1.4	57.2
	18/09/2021 21:00	491.0	0.0	7.6	69.3	1.4	299.4
	18/09/2021 22:00	491.1	0.0	6.6	71.4	1.3	299.5
	18/09/2021 23:00	491.1	0.0	5.7	74.3	1.4	289.1
	19/09/2021 00:00	490.9	0.0	4.7	76.9	1.3	277.5
	19/09/2021 01:00	490.7	0.0	3.8	78.3	1.7	278.1
	19/09/2021 02:00	490.4	0.0	3.0	79.7	1.8	276.3
	19/09/2021 03:00	490.3	0.0	2.5	80.3	1.5	277.3
	19/09/2021 04:00	490.3	0.0	2.1	80.4	1.4	277.1
	19/09/2021 05:00	490.6	0.0	1.9	80.5	1.2	276.3
	19/09/2021 06:00	491.0	0.0	2.1	79.1	1.3	273.8
	19/09/2021 07:00	491.4	0.0	3.0	76.1	0.7	251.0
	19/09/2021 08:00	491.7	0.0	6.0	67.4	0.3	201.8
	19/09/2021 09:00	491.6	0.0	8.5	61.5	0.8	171.3
	19/09/2021 10:00	491.2	0.0	11.8	50.3	1.5	156.8
19	19/09/2021 11:00	490.4	0.0	13.7	39.9	1.3	265.9
	19/09/2021 12:00	489.7	0.0	15.4	32.8	1.9	159.7
	19/09/2021 13:00	488.9	0.0	16.3	29.7	1.9	122.7
	19/09/2021 14:00	488.5	0.0	16.2	33.7	2.6	43.7
	19/09/2021 15:00	488.4	0.0	14.4	45.0	3.0	79.8
	19/09/2021 16:00	488.6	0.0	12.4	51.9	2.4	63.1
	19/09/2021 17:00	488.9	0.0	10.6	58.0	2.0	49.6
	19/09/2021 18:00	489.6	0.0	9.2	64.6	1.7	53.6
	19/09/2021 19:00	490.2	0.0	8.6	64.8	1.9	70.8
	19/09/2021 20:00	490.4	0.0	8.7	61.9	1.5	73.1
	19/09/2021 21:00	490.7	0.0	8.2	63.1	1.7	64.2
	19/09/2021 22:00	490.9	0.0	7.8	64.4	1.9	14.4
	19/09/2021 23:00	490.8	0.0	7.0	66.7	1.6	304.3
	20/09/2021 00:00	490.6	0.0	6.2	68.7	1.5	278.1
	20/09/2021 01:00	490.5	0.0	6.1	69.0	1.1	280.7
	20/09/2021 02:00	490.1	0.0	6.3	70.4	1.0	279.4
	20/09/2021 03:00	489.9	0.0	6.5	70.9	0.4	285.7
	20/09/2021 04:00	489.9	0.0	6.4	72.7	1.5	274.7
	20/09/2021 05:00	490.1	0.0	6.2	74.1	1.0	275.4
	20/09/2021 06:00	490.7	0.0	6.2	72.7	1.2	91.2

	20/09/2021 07:00	491.2	0.0	6.6	71.8	1.3	274.7
	20/09/2021 08:00	491.5	0.0	9.1	63.9	1.0	307.2
	20/09/2021 09:00	491.5	0.0	10.5	56.5	1.6	68.0
	20/09/2021 10:00	491.3	0.0	12.3	49.4	1.7	111.5
	20/09/2021 11:00	490.9	0.0	13.4	44.4	2.5	123.3
20	20/09/2021 12:00	490.5	0.0	13.4	46.6	2.4	79.6
	20/09/2021 13:00	489.9	0.0	14.4	43.7	2.8	110.5
	20/09/2021 14:00	489.2	0.0	15.1	40.4	2.8	109.4
	20/09/2021 15:00	488.9	0.0	15.1	39.1	2.6	79.4
	20/09/2021 16:00	488.8	0.0	14.6	40.7	2.4	79.2
	20/09/2021 17:00	489.0	0.0	13.0	47.6	1.9	71.2
	20/09/2021 18:00	489.6	0.0	10.2	61.1	2.4	51.9
	20/09/2021 19:00	489.9	0.0	9.7	62.7	0.8	324.3
	20/09/2021 20:00	490.5	0.0	8.9	63.7	1.4	359.2
	20/09/2021 21:00	491.1	0.0	7.7	66.6	2.1	326.4
	20/09/2021 22:00	491.4	0.0	6.6	70.4	1.2	281.0
	20/09/2021 23:00	491.7	0.0	5.6	72.6	2.1	276.1
	21/09/2021 00:00	491.6	0.0	5.4	72.7	1.4	272.1
	21/09/2021 01:00	491.3	0.0	5.3	73.5	1.5	269.7
	21/09/2021 02:00	491.1	0.0	5.5	73.7	1.0	276.0
	21/09/2021 03:00	490.9	0.0	5.5	73.8	1.2	280.7
	21/09/2021 04:00	490.8	0.0	5.5	74.1	1.0	279.0
	21/09/2021 05:00	491.0	0.0	5.7	74.3	1.4	274.1
	21/09/2021 06:00	491.3	0.0	5.9	74.3	1.2	276.5
	21/09/2021 07:00	491.7	0.0	6.0	73.6	1.0	262.8
	21/09/2021 08:00	491.8	0.0	8.7	64.4	1.2	147.9
	21/09/2021 09:00	491.6	0.0	12.3	47.5	0.9	179.2
	21/09/2021 10:00	491.6	0.0	13.4	41.7	2.3	107.0
	21/09/2021 11:00	491.5	0.0	13.9	40.9	2.3	44.9
21	21/09/2021 12:00	491.2	0.0	13.7	41.2	2.5	78.4
	21/09/2021 13:00	490.6	0.0	13.2	43.0	2.5	38.3
	21/09/2021 14:00	490.0	0.0	13.1	47.2	2.6	49.0
	21/09/2021 15:00	489.7	0.0	12.9	51.8	2.1	81.9
	21/09/2021 16:00	489.7	0.0	12.0	53.6	2.7	42.2
	21/09/2021 17:00	489.8	0.0	11.2	56.1	2.1	77.6
	21/09/2021 18:00	490.3	0.0	10.0	61.3	2.2	46.6
	21/09/2021 19:00	491.0	0.0	9.1	65.5	1.6	51.9
	21/09/2021 20:00	491.6	0.0	8.8	64.7	1.2	89.5
	21/09/2021 21:00	491.8	0.0	8.6	64.7	1.1	0.6
	21/09/2021 22:00	492.3	0.0	8.4	66.4	1.2	146.3
	21/09/2021 23:00	492.3	0.0	7.9	68.8	1.1	153.5
	22/09/2021 00:00	492.0	0.0	7.8	68.2	0.4	119.6
	22/09/2021 01:00	491.7	0.0	7.8	68.4	0.5	54.1
	22/09/2021 02:00	491.3	0.0	7.5	71.0	1.0	26.3
	22/09/2021 03:00	491.0	0.0	7.1	73.6	0.8	333.3
	22/09/2021 04:00	490.9	0.0	6.9	75.2	1.1	296.3
	22/09/2021 05:00	491.1	0.0	6.3	73.4	1.4	44.8
	22/09/2021 06:00	491.4	0.0	6.1	73.3	1.3	7.7
	22/09/2021 07:00	492.0	0.0	6.9	71.4	1.3	45.1
	22/09/2021 08:00	492.2	0.0	7.8	68.3	1.0	56.1
	22/09/2021 09:00	492.3	0.0	7.7	73.5	1.5	32.3
	22/09/2021 10:00	492.1	0.0	9.2	65.9	1.3	287.9
	22/09/2021 11:00	491.4	0.0	11.8	55.2	0.8	250.8
22	22/09/2021 12:00	490.5	0.0	13.5	47.5	1.1	277.7
	22/09/2021 13:00	489.6	0.0	14.5	43.5	1.0	196.0
	22/09/2021 14:00	488.8	0.0	14.9	42.1	1.6	112.4
	22/09/2021 15:00	488.5	0.0	14.1	46.3	2.5	53.7
	22/09/2021 16:00	488.7	0.0	13.0	56.0	2.7	67.7
	22/09/2021 17:00	489.3	0.0	9.6	72.2	2.9	65.4
	22/09/2021 18:00	490.1	0.0	7.6	77.3	2.2	56.7
	22/09/2021 19:00	490.9	0.3	6.7	79.0	1.4	65.1
	22/09/2021 20:00	491.4	0.9	6.2	78.8	0.6	78.6
	22/09/2021 21:00	492.0	4.1	5.5	81.0	1.0	136.5
	22/09/2021 22:00	492.2	2.7	4.6	83.4	1.1	47.5
	22/09/2021 23:00	492.1	7.0	3.1	87.3	1.4	26.3
	23/09/2021 00:00	491.8	6.3	1.9	90.9	0.6	105.1
	23/09/2021 01:00	491.4	3.5	1.8	92.8	0.5	251.1
	23/09/2021 02:00	491.1	4.8	1.7	92.6	0.2	262.1
	23/09/2021 03:00	490.9	1.7	1.6	93.9	0.4	275.4
	23/09/2021 04:00	490.9	0.3	2.1	93.1	0.8	284.0
	23/09/2021 05:00	491.2	0.6	2.5	92.3	0.8	281.9
	23/09/2021 06:00	491.7	0.0	2.8	92.2	0.8	282.9
	23/09/2021 07:00	492.0	0.0	3.7	90.8	0.2	260.9
	23/09/2021 08:00	492.3	0.0	4.5	86.3	0.5	167.5
	23/09/2021 09:00	492.4	0.0	5.3	84.8	0.8	151.6
	23/09/2021 10:00	492.3	0.0	7.7	75.0	1.1	180.4
	23/09/2021 11:00	492.0	0.0	VF	42.0	1.3	320.7
23	23/09/2021 12:00	487.9	0.0	VF	44.2	2.2	134.8
	23/09/2021 13:00	486.1	0.0	10.7	58.9	2.0	14.9
	23/09/2021 14:00	485.7	0.0	10.8	57.9	2.4	17.6
	23/09/2021 15:00	485.5	0.0	10.8	57.8	1.7	54.3
	23/09/2021 16:00	485.3	0.0	10.6	56.2	1.6	24.2
	23/09/2021 17:00	485.4	0.0	9.7	60.8	1.2	42.7
	23/09/2021 18:00	485.6	0.0	8.9	66.4	1.6	23.5
	23/09/2021 19:00	486.0	0.0	8.5	69.0	0.8	49.3
	23/09/2021 20:00	486.4	0.0	7.3	73.3	1.7	84.4
	23/09/2021 21:00	486.9	0.0	7.0	73.2	1.2	13.3
	23/09/2021 22:00	487.3	0.0	7.2	71.7	0.9	329.6
	23/09/2021 23:00	487.4	0.0	7.1	72.2	1.0	144.7
	24/09/2021 00:00	487.1	0.0	6.8	72.4	1.3	125.7
	24/09/2021 01:00	486.7	0.0	6.3	73.6	0.7	24.2
	24/09/2021 02:00	486.4	0.0	5.9	76.3	1.0	280.6
	24/09/2021 03:00	486.3	0.0	5.5	78.6	0.5	259.9
	24/09/2021 04:00	486.5	0.0	5.5	77.2	1.0	264.1
	24/09/2021 05:00	486.8	0.0	5.3	78.6	0.9	235.9
	24/09/2021 06:00	487.1	0.0	4.9	79.6	0.7	352.9
	24/09/2021 07:00	487.6	0.0	5.6	76.8	0.6	356.4
	24/09/2021 08:00	487.9	0.0	7.5	68.0	0.8	131.8

	24/09/2021 09:00	487.8	0.0	9.5	57.8	1.2	133.8
	24/09/2021 10:00	487.3	0.0	11.8	47.8	1.5	115.8
24	24/09/2021 11:00	487.0	0.0	13.1	44.1	2.8	122.7
	24/09/2021 12:00	486.6	0.0	13.6	44.1	2.6	105.7
	24/09/2021 13:00	486.0	0.0	14.3	43.2	2.4	43.5
	24/09/2021 14:00	485.6	0.0	14.3	43.0	3.7	116.2
	24/09/2021 15:00	485.3	0.0	14.3	43.8	2.5	93.4
	24/09/2021 16:00	485.5	0.0	11.9	58.7	2.9	33.6
	24/09/2021 17:00	486.0	0.0	9.1	68.1	2.9	8.9
	24/09/2021 18:00	486.2	0.0	8.6	68.8	1.5	41.0
	24/09/2021 19:00	486.6	0.0	8.1	71.5	1.5	69.3
	24/09/2021 20:00	486.9	0.0	8.1	70.9	1.2	26.2
	24/09/2021 21:00	487.1	0.0	8.4	68.9	1.3	30.8
	24/09/2021 22:00	487.4	0.0	8.3	70.8	0.8	49.6
	24/09/2021 23:00	487.4	0.0	8.1	72.5	1.2	53.4
	25/09/2021 00:00	487.2	0.0	8.1	71.2	0.9	30.1
	25/09/2021 01:00	486.8	0.0	8.0	71.6	0.9	30.3
	25/09/2021 02:00	486.5	0.0	7.6	74.6	2.0	75.5
	25/09/2021 03:00	486.3	0.0	7.2	74.9	1.6	43.7
	25/09/2021 04:00	486.5	0.0	7.0	75.1	1.8	65.7
	25/09/2021 05:00	486.8	0.0	7.0	75.6	1.7	19.5
	25/09/2021 06:00	487.3	0.3	6.7	78.4	1.3	29.0
	25/09/2021 07:00	487.6	0.0	7.7	74.9	0.4	246.1
	25/09/2021 08:00	487.8	0.0	8.7	68.7	0.4	196.3
	25/09/2021 09:00	487.8	0.0	9.7	63.5	0.7	303.9
	25/09/2021 10:00	487.5	0.0	10.9	57.0	0.6	181.8
25	25/09/2021 11:00	487.2	0.0	12.7	51.0	1.8	6.6
	25/09/2021 12:00	486.8	0.0	13.4	48.4	1.9	146.1
	25/09/2021 13:00	486.4	0.0	12.3	53.8	2.1	187.1
	25/09/2021 14:00	486.5	0.0	9.1	70.1	1.8	252.6
	25/09/2021 15:00	486.0	0.6	9.7	71.9	1.5	268.3
	25/09/2021 16:00	485.6	0.0	12.1	57.4	1.3	322.5
	25/09/2021 17:00	485.6	0.0	12.1	54.3	1.2	28.7
	25/09/2021 18:00	486.1	0.0	10.3	59.0	1.8	34.6
	25/09/2021 19:00	486.8	0.0	9.2	65.5	1.5	42.0
	25/09/2021 20:00	487.1	0.0	8.7	68.9	1.0	39.3
	25/09/2021 21:00	487.2	0.0	8.6	70.7	0.7	132.1
	25/09/2021 22:00	487.3	0.0	8.3	73.1	0.5	303.4
	25/09/2021 23:00	487.1	0.0	7.8	73.0	1.0	334.5
	26/09/2021 00:00	486.9	0.0	7.2	74.9	1.0	301.9
	26/09/2021 01:00	486.7	0.0	6.6	77.6	0.8	264.1
	26/09/2021 02:00	486.4	0.0	6.4	78.5	0.7	272.7
	26/09/2021 03:00	486.1	0.0	5.5	80.1	0.9	286.8
	26/09/2021 04:00	486.2	0.0	4.9	78.3	0.7	26.5
	26/09/2021 05:00	486.5	0.0	4.3	77.3	0.8	13.1
	26/09/2021 06:00	486.9	0.0	4.2	75.8	0.7	355.7
	26/09/2021 07:00	487.3	0.0	5.1	73.9	0.7	107.3
	26/09/2021 08:00	487.4	0.0	7.4	68.1	1.2	116.2
	26/09/2021 09:00	487.4	0.0	9.7	61.3	1.2	132.8
	26/09/2021 10:00	487.1	0.0	12.1	53.3	1.6	133.5
26	26/09/2021 11:00	486.5	0.0	14.6	43.9	1.5	167.1
	26/09/2021 12:00	486.0	0.0	16.4	33.9	3.0	21.8
	26/09/2021 13:00	485.6	0.0	16.6	34.5	3.1	23.2
	26/09/2021 14:00	485.4	0.0	15.5	36.7	2.7	61.7
	26/09/2021 15:00	485.5	0.0	14.1	41.5	2.0	142.8
	26/09/2021 16:00	485.5	0.0	13.4	42.7	2.3	80.2
	26/09/2021 17:00	485.6	0.0	12.1	47.6	1.9	47.9
	26/09/2021 18:00	486.1	0.0	10.5	56.9	2.0	58.5
	26/09/2021 19:00	486.8	0.0	9.1	68.0	1.4	11.9
	26/09/2021 20:00	486.9	0.0	8.3	70.2	0.8	47.3
	26/09/2021 21:00	487.1	0.0	7.4	71.9	1.7	351.9
	26/09/2021 22:00	487.4	0.0	6.5	73.3	1.3	276.7
	26/09/2021 23:00	487.3	0.0	5.7	74.6	1.3	324.1
	27/09/2021 00:00	487.0	0.0	4.8	76.4	1.4	298.4
	27/09/2021 01:00	486.8	0.0	3.8	79.2	1.6	265.8
	27/09/2021 02:00	486.9	0.0	3.1	80.0	1.6	259.0
	27/09/2021 03:00	486.9	0.0	2.9	80.0	1.3	263.0
	27/09/2021 04:00	486.9	0.0	3.0	79.4	1.4	260.9
	27/09/2021 05:00	487.0	0.0	3.0	79.4	1.0	292.8
	27/09/2021 06:00	487.3	0.0	2.8	79.3	1.7	263.8
	27/09/2021 07:00	487.9	0.0	3.8	75.8	0.6	248.5
	27/09/2021 08:00	488.0	0.0	5.9	69.3	0.4	123.9
	27/09/2021 09:00	487.9	0.0	8.6	62.4	0.9	160.0
	27/09/2021 10:00	487.5	0.0	11.1	57.6	0.8	154.1
27	27/09/2021 11:00	487.1	0.0	12.6	51.5	1.3	141.3
	27/09/2021 12:00	486.4	0.0	14.3	44.4	2.0	82.0
	27/09/2021 13:00	485.9	0.0	14.3	45.2	2.5	109.8
	27/09/2021 14:00	485.6	0.0	13.7	46.0	1.9	45.0
	27/09/2021 15:00	485.3	0.0	13.7	45.7	2.4	65.3
	27/09/2021 16:00	485.9	0.0	9.9	61.1	3.1	63.2
	27/09/2021 17:00	486.3	0.0	8.0	68.8	1.3	1.5
	27/09/2021 18:00	486.2	0.0	7.6	73.4	0.9	254.6
	27/09/2021 19:00	486.4	0.0	7.3	71.9	1.3	351.8
	27/09/2021 20:00	486.6	0.0	6.5	73.2	1.7	323.0
	27/09/2021 21:00	487.0	0.0	5.5	78.2	1.3	275.9
	27/09/2021 22:00	487.1	0.0	4.7	79.3	1.3	262.3
	27/09/2021 23:00	487.0	0.0	4.0	80.3	1.3	262.4
	28/09/2021 00:00	486.7	0.0	3.2	81.2	1.5	264.2
	28/09/2021 01:00	486.4	0.0	2.6	81.8	1.1	264.7
	28/09/2021 02:00	486.2	0.0	2.3	81.7	0.9	263.7
	28/09/2021 03:00	486.2	0.0	1.7	82.2	1.2	261.2

	28/09/2021 04:00	486.2	0.0	1.3	82.1	1.2	259.1
	28/09/2021 05:00	486.6	0.0	1.1	81.9	1.0	267.6
	28/09/2021 06:00	486.9	0.0	1.0	81.6	1.5	262.2
	28/09/2021 07:00	487.1	0.0	3.0	75.1	0.6	195.4
	28/09/2021 08:00	487.1	0.0	6.1	66.1	0.7	260.8
	28/09/2021 09:00	487.0	0.0	8.0	64.7	0.8	118.2
	28/09/2021 10:00	486.5	0.0	10.8	60.3	0.6	69.6
28	28/09/2021 11:00	486.0	0.0	12.8	55.8	0.8	160.2
	28/09/2021 12:00	485.4	0.0	14.9	46.4	1.7	63.4
	28/09/2021 13:00	484.6	0.0	16.0	41.3	2.1	38.3
	28/09/2021 14:00	484.2	0.0	15.4	46.6	3.3	82.8
	28/09/2021 15:00	484.0	0.0	14.7	49.8	3.0	73.6
	28/09/2021 16:00	484.2	0.0	12.9	55.1	3.6	91.2
	28/09/2021 17:00	484.5	0.0	11.6	63.6	2.4	66.6
	28/09/2021 18:00	485.0	0.0	10.0	69.6	2.4	50.7
	28/09/2021 19:00	485.6	0.0	8.8	72.0	1.7	57.7
	28/09/2021 20:00	485.7	0.0	8.2	72.6	1.7	340.3
	28/09/2021 21:00	486.0	0.0	7.1	73.6	1.7	347.8
	28/09/2021 22:00	486.2	0.0	6.0	77.2	1.0	269.5
	28/09/2021 23:00	486.3	0.0	5.3	78.0	1.0	263.9
	29/09/2021 00:00	486.1	0.0	4.4	79.4	1.4	266.0
	29/09/2021 01:00	485.6	0.0	3.5	80.5	1.4	263.8
	29/09/2021 02:00	485.3	0.0	2.8	81.2	1.1	261.8
	29/09/2021 03:00	485.2	0.0	2.4	81.8	1.0	259.1
	29/09/2021 04:00	485.5	0.0	2.3	81.7	0.9	259.5
	29/09/2021 05:00	485.7	0.0	2.2	80.9	1.2	263.4
	29/09/2021 06:00	486.0	0.0	2.5	80.4	0.8	244.5
	29/09/2021 07:00	486.4	0.0	3.8	76.4	0.5	272.4
	29/09/2021 08:00	486.5	0.0	5.7	71.3	0.4	5.8
	29/09/2021 09:00	486.5	0.0	9.0	64.8	0.3	178.7
	29/09/2021 10:00	486.2	0.0	11.2	59.5	0.8	109.8
29	29/09/2021 11:00	485.6	0.0	14.1	45.4	1.6	63.1
	29/09/2021 12:00	484.8	0.0	14.8	41.2	2.7	48.8
	29/09/2021 13:00	484.2	0.0	15.2	41.2	2.1	72.8
	29/09/2021 14:00	483.5	0.0	15.5	40.4	2.0	35.3
	29/09/2021 15:00	483.2	1.3	13.6	48.7	3.5	85.8
	29/09/2021 16:00	484.1	0.0	9.7	70.2	4.0	71.2
	29/09/2021 17:00	484.7	0.0	9.5	67.8	3.1	76.8
	29/09/2021 18:00	485.5	0.0	7.7	75.2	1.9	50.7
	29/09/2021 19:00	486.0	0.0	6.7	75.5	2.3	43.7
	29/09/2021 20:00	486.1	0.0	6.3	76.5	1.7	268.7
	29/09/2021 21:00	486.1	0.0	5.8	77.6	0.9	259.9
	29/09/2021 22:00	486.4	0.0	5.6	78.4	1.5	256.8
	29/09/2021 23:00	486.4	0.0	5.8	77.4	1.5	264.1
	30/09/2021 00:00	486.1	0.0	5.8	77.6	1.5	260.3
	30/09/2021 01:00	485.6	0.0	6.0	76.8	1.6	285.9
	30/09/2021 02:00	485.3	0.0	5.7	78.5	1.6	262.6
	30/09/2021 03:00	485.1	0.0	5.3	79.3	0.8	307.6
	30/09/2021 04:00	485.1	0.0	4.8	80.6	0.7	297.8
	30/09/2021 05:00	485.4	0.0	4.5	79.1	0.9	332.8
	30/09/2021 06:00	485.8	0.0	4.5	81.0	1.0	264.7
	30/09/2021 07:00	486.3	0.0	5.8	76.4	0.5	198.6
	30/09/2021 08:00	486.7	0.0	7.9	67.9	1.0	54.5
	30/09/2021 09:00	486.7	0.0	10.2	54.9	1.4	66.8
	30/09/2021 10:00	486.3	0.0	12.4	46.9	1.7	115.4
	30/09/2021 11:00	485.9	0.0	13.6	44.1	2.3	22.5
	30/09/2021 12:00	485.4	0.0	14.2	43.2	2.4	62.2
	30/09/2021 13:00	484.7	0.0	15.0	39.6	2.7	89.8
	30/09/2021 14:00	484.0	0.0	15.4	38.9	2.7	52.2
	30/09/2021 15:00	483.7	0.0	14.7	43.2	3.0	40.5
	30/09/2021 16:00	483.8	0.0	13.4	50.0	2.4	67.9
	30/09/2021 17:00	484.1	0.0	11.4	55.4	1.9	46.2
	30/09/2021 18:00	484.6	0.0	10.1	61.5	1.9	37.4
	30/09/2021 19:00	485.0	0.0	9.8	64.0	1.5	28.5
	30/09/2021 20:00	485.2	0.0	9.7	65.2	1.3	344.7
	30/09/2021 21:00	485.6	0.0	8.7	68.3	2.3	349.9
	30/09/2021 22:00	485.9	0.0	7.6	71.9	1.3	269.3
	30/09/2021 23:00	485.9	0.0	6.9	73.4	1.5	300.4

VF: Verificación intermedia de estacion meteorologica

Tabla 3.1. Concentraciones horarias y 24 horas de SO_2

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en octubre de 2021		
ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0003-10-2021-412

DATOS DEL EQUIPO

EQUIPO:	Analizador continuo de gases	**MARCA:**	*Thermo Scientific*
MODELO:	43i	**SERIE:**	825231928

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	9.54	9.62	9.54	9.56	9.35	9.35	9.59	10.06	9.72	9.62	9.90	9.69	9.98	9.62	10.30	10.17	9.62	10.24	10.03	10.14	10.24	9.90	10.43	9.75	9.85	10.06	10.06	10.79	9.93	10.17	10.11
01:00	9.56	9.38	9.51	10.17	9.33	9.48	9.35	9.85	9.46	9.56	9.88	9.48	9.48	9.67	9.67	9.67	9.75	9.56	10.17	9.88	9.93	9.93	10.09	9.64	9.90	10.06	10.01	10.17	9.90	10.17	10.06
02:00	9.14	9.30	9.48	9.38	9.46	9.38	9.48	9.90	9.56	9.30	9.56	9.51	9.56	9.59	9.85	9.83	9.77	9.85	10.14	9.90	9.93	9.90	10.11	9.88	9.90	10.03	10.06	9.98	9.80	10.17	10.24
03:00	9.20	9.54	9.59	9.69	9.90	9.30	9.41	9.67	9.56	9.41	9.54	10.06	9.62	9.62	9.88	10.11	9.62	10.03	9.90	9.85	10.11	9.80	10.03	9.75	10.17	9.90	9.90	10.06	9.90	9.93	10.27
04:00	9.09	9.48	9.41	9.35	10.03	9.51	9.41	9.83	9.48	9.80	9.62	9.62	9.62	10.27	9.75	9.77	9.83	9.85	9.96	10.03	9.98	9.93	9.93	9.83	10.01	10.22	9.93	10.27	10.32	10.17	10.40
05:00	9.62	9.48	9.59	9.48	9.62	9.48	9.54	9.67	9.41	9.77	10.61	9.77	9.85	11.03	9.93	9.90	9.90	10.17	9.69	10.19	10.03	10.09	9.88	10.27	10.19	11.32	9.85	10.24	10.30	10.01	10.19
06:00	9.83	9.25	9.67	9.75	9.27	9.85	9.96	10.17	10.06	9.80	11.61	10.03	9.83	14.36	10.35	10.11	9.69	10.09	9.77	10.35	10.40	10.27	9.83	10.61	10.01	11.19	9.80	11.21	10.24	10.43	10.79
07:00	10.09	9.22	9.83	9.48	9.38	9.83	9.69	10.22	9.38	9.75	11.19	9.75	9.77	12.65	10.03	10.17	9.96	9.85	10.03	10.45	10.17	10.14	9.96	10.64	9.96	10.43	9.77	12.00	10.17	10.01	10.58
08:00	9.54	9.43	9.83	9.62	9.54	9.69	9.64	9.83	9.69	9.69	10.43	9.62	10.14	10.66	10.03	9.85	9.62	9.80	10.14	10.03	10.03	9.90	9.96	10.27	10.11	10.32	9.75	11.19	10.30	10.14	10.24
09:00	9.30	9.62	10.14	9.67	9.22	9.72	9.51	9.64	9.59	9.48	10.01	9.38	9.88	9.83	9.90	9.59	9.80	9.90	9.75	9.69	10.17	9.85	10.09	9.93	10.24	10.43	9.72	11.16	9.90	10.19	10.35
10:00	9.75	9.83	9.80	9.30	9.48	10.01	9.43	9.88	9.38	9.51	9.56	9.38	9.62	9.93	9.80	9.90	9.62	9.90	10.06	9.62	10.03	10.17	9.90	9.88	10.61	10.06	9.77	10.53	9.72	10.03	10.06
11:00	9.41	12.10	9.59	9.30	9.54	9.69	9.72	9.80	9.38	9.43	9.38	9.64	9.88	9.98	9.72	9.54	9.59	10.14	9.75	9.59	10.58	10.09	9.85	9.85	10.45	10.06	9.93	10.03	9.75	10.19	10.24
12:00	9.07	10.03	9.14	8.99	9.62	9.25	10.32	9.88	9.43	9.41	9.51	9.43	9.59	10.14	9.59	9.59	9.54	9.88	9.62	9.77	10.48	10.03	9.90	9.98	10.24	10.01	9.72	10.11	9.75	9.77	10.17
13:00	9.20	9.43	9.35	9.07	9.38	9.41	10.01	9.77	9.22	9.38	9.09	9.59	9.54	10.03	9.38	9.77	9.62	9.75	9.59	9.64	9.85	9.80	9.80	9.72	10.01	9.85	9.69	9.90	9.93	9.80	9.80
14:00	9.17	9.48	9.25	8.86	9.38	9.59	9.85	9.93	9.48	9.30	9.27	9.25	9.62	9.80	9.38	9.80	9.59	9.90	10.11	9.46	9.64	9.67	9.69	9.72	10.03	9.72	9.54	9.67	10.06	9.69	9.83
15:00	9.48	9.41	9.41	9.20	9.43	9.64	9.46	9.51	9.38	9.41	9.41	9.27	9.48	9.56	9.48	9.83	9.48	9.83	10.06	9.69	9.64	9.59	10.48	10.06	10.06	9.48	9.67	9.75	9.96	9.85	9.88
16:00	9.56	9.35	9.17	9.01	9.41	9.35	9.27	9.41	9.30	9.33	9.22	9.04	9.38	9.67	9.59	9.67	9.48	9.75	10.43	9.77	9.69	9.56	10.09	9.69	9.88	9.93	9.59	9.85	10.17	9.90	9.72
17:00	9.27	9.22	9.41	9.41	9.72	9.30	9.51	9.51	9.75	9.48	9.38	9.48	9.46	9.75	9.62	10.27	9.43	9.96	10.03	9.85	9.90	9.69	10.03	10.48	9.69	9.56	9.67	10.09	10.14	9.85	9.64
18:00	9.38	9.35	10.11	9.12	9.56	9.64	25.28	9.62	9.67	9.77	9.48	9.22	9.59	9.69	9.88	9.90	10.19	9.72	9.48	9.62	10.01	9.83	9.62	10.14	10.01	9.75	10.03	9.98	10.19	9.67	10.17
19:00	9.43	9.30	9.72	9.12	9.93	9.41	11.48	9.48	9.88	9.69	9.64	9.04	9.69	9.67	9.67	9.98	10.22	10.09	9.77	9.62	9.88	9.41	9.62	9.90	9.67	9.51	10.11	9.90	10.35	9.90	9.88
20:00	9.22	9.62	11.03	9.22	9.56	9.48	10.17	9.43	9.72	9.48	9.93	9.09	9.80	9.46	9.51	10.14	9.93	10.35	9.64	9.90	11.27	9.59	9.93	10.11	9.54	9.90	9.83	9.93	9.77	9.93	9.90
21:00	9.48	9.20	10.11	10.87	9.22	9.46	9.64	9.59	9.98	9.75	9.62	9.25	9.75	9.64	9.64	9.75	9.80	10.27	9.88	9.67	10.27	10.11	9.64	9.69	9.90	9.64	10.09	9.69	10.03	10.27	9.90
22:00	9.22	9.51	9.38	9.64	9.20	9.51	9.75	9.59	9.46	9.72	9.35	9.22	9.48	9.75	9.62	9.64	9.62	10.69	9.93	10.09	9.96	10.45	9.72	9.67	9.90	9.72	10.72	9.75	9.85	10.01	9.96
23:00	9.27	9.38	9.41	9.41	9.33	9.51	9.80	9.59	9.38	9.80	9.54	9.46	9.67	11.11	9.56	9.54	9.69	10.22	9.90	10.43	10.01	10.69	9.85	10.03	9.88	10.03	11.00	9.83	10.03	9.72	10.22
Promedio de SO_2 en 24 h	**9.4**	**9.6**	**9.6**	**9.4**	**9.5**	**9.5**	**10.4**	**9.7**	**9.6**	**9.6**	**9.8**	**9.5**	**9.7**	**10.2**	**9.8**	**9.9**	**9.7**	**10.0**	**9.9**	**9.9**	**10.1**	**9.9**	**9.9**	**10.0**	**10.0**	**10.0**	**9.9**	**10.3**	**10.0**	**10.0**	**10.1**
ECA aire de SO_2 CMLO	365 µg/m³ en periodo de 24 horas																														

Superación ECA de 24 horas especifico para el CMLO = 365 µg/m³

Tabla 3.2. Concentraciones promedio móvil de 3 horas de SO_2

TÍTULO DEL ESTUDIO: Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en octubre de 2021

ESTACIÓN DE MONITOREO: CA-CC-01 **CÓDIGO DE ACCIÓN:** 0003-10-2021-412

Hora\Día	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
00:00	9.61	9.37	9.48	9.45	9.47	9.29	9.54	9.87	9.63	9.49	9.81	9.53	9.55	9.59	10.39	9.78	9.60	9.85	10.31	9.99	10.25	9.96	10.52	9.77	9.85	9.95	9.94	10.84	9.84	10.02	9.95
01:00	9.49	9.42	9.48	9.71	9.36	9.39	9.48	9.90	9.59	9.52	9.86	9.57	9.64	9.65	10.36	9.80	9.64	9.83	10.14	9.97	10.20	9.95	10.40	9.75	9.93	10.00	10.03	10.65	9.89	10.12	9.96
02:00	9.41	9.43	9.51	9.70	9.38	9.40	9.47	9.94	9.58	9.49	9.78	9.56	9.67	9.63	9.94	9.89	9.71	9.88	10.11	9.97	10.03	9.91	10.21	9.76	9.88	10.05	10.04	10.31	9.88	10.17	10.14
03:00	9.30	9.41	9.53	9.75	9.56	9.39	9.41	9.81	9.53	9.42	9.66	9.68	9.55	9.63	9.80	9.87	9.71	9.81	10.07	9.88	9.99	9.88	10.08	9.76	9.99	10.00	9.99	10.07	9.87	10.09	10.19
04:00	9.14	9.44	9.49	9.47	9.80	9.40	9.43	9.80	9.53	9.50	9.57	9.73	9.60	9.83	9.83	9.90	9.74	9.91	10.00	9.93	10.01	9.88	10.02	9.82	10.03	10.05	9.96	10.10	10.01	10.09	10.30
05:00	9.30	9.50	9.53	9.51	9.85	9.43	9.45	9.72	9.48	9.66	9.92	9.82	9.70	10.31	9.85	9.93	9.78	10.02	9.85	10.02	10.04	9.94	9.95	9.95	10.12	10.48	9.89	10.19	10.17	10.04	10.29
06:00	9.51	9.40	9.56	9.53	9.64	9.61	9.64	9.89	9.65	9.79	10.61	9.81	9.77	11.89	10.01	9.93	9.81	10.04	9.81	10.19	10.14	10.10	9.88	10.24	10.07	10.91	9.86	10.57	10.29	10.20	10.46
07:00	9.85	9.32	9.70	9.57	9.42	9.72	9.73	10.02	9.62	9.77	11.14	9.85	9.82	12.68	10.10	10.06	9.85	10.04	9.83	10.33	10.20	10.17	9.89	10.51	10.05	10.98	9.81	11.15	10.24	10.15	10.52
08:00	9.82	9.30	9.78	9.62	9.40	9.79	9.76	10.07	9.71	9.75	11.08	9.80	9.91	12.56	10.14	10.04	9.76	9.91	9.98	10.28	10.20	10.10	9.92	10.51	10.03	10.65	9.77	11.47	10.24	10.19	10.54
09:00	9.64	9.42	9.93	9.59	9.38	9.75	9.61	9.90	9.55	9.64	10.54	9.58	9.93	11.05	9.99	9.87	9.79	9.85	9.97	10.06	10.12	9.96	10.00	10.28	10.10	10.39	9.75	11.45	10.12	10.11	10.39
10:00	9.53	9.63	9.92	9.53	9.41	9.81	9.53	9.78	9.55	9.56	10.00	9.46	9.88	10.14	9.91	9.78	9.68	9.87	9.98	9.78	10.08	9.97	9.98	10.03	10.32	10.27	9.75	10.96	9.97	10.12	10.22
11:00	9.49	10.52	9.84	9.42	9.41	9.81	9.55	9.77	9.45	9.47	9.65	9.47	9.79	9.91	9.81	9.68	9.67	9.98	9.85	9.63	10.26	10.04	9.95	9.89	10.43	10.18	9.81	10.57	9.79	10.14	10.22
12:00	9.41	10.65	9.51	9.20	9.55	9.65	9.82	9.85	9.40	9.45	9.48	9.48	9.70	10.02	9.70	9.68	9.58	9.97	9.81	9.66	10.36	10.10	9.88	9.90	10.43	10.04	9.81	10.22	9.74	10.00	10.16
13:00	9.23	10.52	9.36	9.12	9.51	9.45	10.02	9.82	9.34	9.41	9.33	9.55	9.67	10.05	9.56	9.63	9.58	9.92	9.65	9.67	10.30	9.97	9.85	9.85	10.23	9.97	9.78	10.01	9.81	9.92	10.07
14:00	9.15	9.65	9.25	8.97	9.46	9.42	10.06	9.86	9.38	9.36	9.29	9.42	9.58	9.99	9.45	9.72	9.58	9.84	9.77	9.62	9.99	9.83	9.80	9.81	10.09	9.86	9.65	9.89	9.91	9.75	9.93
15:00	9.28	9.44	9.34	9.04	9.40	9.55	9.77	9.74	9.36	9.36	9.26	9.37	9.55	9.80	9.41	9.80	9.56	9.83	9.92	9.60	9.71	9.69	9.99	9.83	10.03	9.68	9.63	9.77	9.98	9.78	9.84
16:00	9.40	9.41	9.28	9.02	9.41	9.53	9.53	9.62	9.39	9.35	9.30	9.19	9.49	9.68	9.48	9.77	9.52	9.83	10.20	9.64	9.66	9.61	10.09	9.82	9.99	9.71	9.60	9.76	10.06	9.81	9.81
17:00	9.44	9.33	9.33	9.21	9.52	9.43	9.41	9.48	9.48	9.41	9.34	9.26	9.44	9.66	9.56	9.92	9.46	9.85	10.17	9.77	9.74	9.61	10.20	10.08	9.88	9.66	9.64	9.90	10.09	9.87	9.75
18:00	9.40	9.31	9.56	9.18	9.56	9.43	14.69	9.51	9.57	9.53	9.36	9.25	9.48	9.70	9.70	9.95	9.70	9.81	9.98	9.75	9.87	9.69	9.91	10.10	9.86	9.75	9.76	9.97	10.17	9.81	9.84
19:00	9.36	9.29	9.75	9.22	9.74	9.45	15.42	9.54	9.77	9.65	9.50	9.25	9.58	9.70	9.72	10.05	9.95	9.92	9.76	9.70	9.93	9.64	9.76	10.17	9.79	9.61	9.94	9.99	10.23	9.81	9.90
20:00	9.34	9.42	10.29	9.15	9.68	9.51	15.64	9.51	9.76	9.65	9.68	9.12	9.69	9.61	9.69	10.01	10.11	10.05	9.63	9.71	10.39	9.61	9.72	10.05	9.74	9.72	9.99	9.94	10.10	9.83	9.98
21:00	9.38	9.37	10.29	9.74	9.57	9.45	10.43	9.50	9.86	9.64	9.73	9.13	9.75	9.59	9.61	9.96	9.98	10.24	9.76	9.73	10.47	9.70	9.73	9.90	9.70	9.68	10.01	9.84	10.05	10.03	9.89
22:00	9.31	9.44	10.17	9.91	9.33	9.48	9.85	9.54	9.72	9.65	9.63	9.19	9.68	9.62	9.59	9.84	9.78	10.44	9.82	9.89	10.50	10.05	9.76	9.82	9.78	9.75	10.21	9.79	9.88	10.07	9.92
23:00	9.32	9.36	9.63	9.97	9.25	9.49	9.73	9.59	9.61	9.76	9.50	9.31	9.63	10.17	9.61	9.64	9.70	10.39	9.90	10.06	10.08	10.42	9.74	9.80	9.89	9.80	10.60	9.76	9.97	10.00	10.03

	Estado de Cuidado (> 500 µg/m³ promedio móvil 3 horas)*
	Estado de Peligro (> 1500 µg/m³ promedio móvil 3 horas)*

(*) Niveles de estados de alerta nacional para contaminantes de aire aprobado mediante Decreto Supremo N.° 009-2003-SA

Tabla 3.3. Datos Meteorológicos

TÍTULO DEL ESTUDIO:	Evaluación de seguimiento de la calidad del aire en el área de influencia del complejo metalúrgico La Oroya, ubicada en el distrito La Oroya, provincia de Yauli, departamento de Junín, en octubre de 2021

ESTACIÓN DE MONITOREO:	CA-CC-01	**CÓDIGO DE ACCIÓN:**	0003-10-2021-412

DATOS DEL EQUIPO

EQUIPO:	Estación meteorológica	**MARCA:**	*Campbell Scientific*
MODELO:	CR1000	**SERIE:**	30820

	FECHA Y HORA	Presión atmosférica (mmHg)	Precipitación (mm)	Temperatura ambiental (°C)	Humedad relativa (%)	Velocidad de Viento (m/s)	Dirección de Viento (°)
	1/10/2021 00:00	485.6	0.0	5.8	76.9	1.1	257.3
	1/10/2021 01:00	485.3	0.0	5.5	77.0	1.0	270.7
	1/10/2021 02:00	485.0	0.0	5.6	76.5	0.9	270.1
	1/10/2021 03:00	484.8	0.0	5.5	77.8	1.4	263.1
	1/10/2021 04:00	484.8	0.0	5.1	79.0	0.7	334.9
	1/10/2021 05:00	485.0	0.0	4.7	79.5	1.4	282.6
	1/10/2021 06:00	485.4	0.0	4.1	80.3	0.7	265.7
	1/10/2021 07:00	485.9	0.0	6.0	75.0	0.4	120.2
	1/10/2021 08:00	486.0	0.0	9.3	65.0	0.9	136.7
	1/10/2021 09:00	485.9	0.0	10.9	59.2	1.0	33.3
	1/10/2021 10:00	485.6	0.0	12.5	55.8	0.9	29.0
	1/10/2021 11:00	485.1	0.0	15.7	42.1	1.9	101.1
1	1/10/2021 12:00	484.3	0.0	17.0	39.5	2.5	61.6
	1/10/2021 13:00	483.8	0.0	14.1	49.9	4.0	297.1
	1/10/2021 14:00	484.0	0.0	11.0	62.6	3.2	283.7
	1/10/2021 15:00	483.7	0.6	11.3	63.2	2.1	278.7
	1/10/2021 16:00	483.8	0.0	11.6	61.4	1.3	202.7
	1/10/2021 17:00	484.7	16.7	8.0	83.2	1.3	15.9
	1/10/2021 18:00	485.4	11.1	7.0	87.1	0.8	9.9
	1/10/2021 19:00	485.7	3.2	6.4	84.4	0.9	61.1
	1/10/2021 20:00	485.9	0.0	6.6	82.4	0.3	86.4
	1/10/2021 21:00	486.1	0.0	6.7	82.1	0.4	130.4
	1/10/2021 22:00	486.1	0.0	6.4	84.2	0.3	149.3
	1/10/2021 23:00	486.1	0.0	6.1	86.7	0.8	269.8
	2/10/2021 00:00	485.7	0.0	5.9	86.4	0.8	256.4
	2/10/2021 01:00	485.1	0.0	5.4	87.7	0.5	254.5
	2/10/2021 02:00	484.8	0.0	5.3	86.6	0.8	267.5
	2/10/2021 03:00	484.7	0.0	5.5	86.1	0.8	269.1
	2/10/2021 04:00	484.8	0.0	5.7	84.3	0.9	322.3
	2/10/2021 05:00	484.9	0.0	5.3	84.8	1.9	269.1
	2/10/2021 06:00	485.3	0.0	5.0	83.9	1.9	268.1
	2/10/2021 07:00	485.8	0.0	5.0	83.1	2.0	269.0
	2/10/2021 08:00	486.1	0.0	5.6	81.3	1.5	265.8
	2/10/2021 09:00	486.1	0.0	7.8	74.5	0.8	260.4
	2/10/2021 10:00	485.6	0.0	10.2	66.4	1.0	106.5
	2/10/2021 11:00	484.8	0.0	13.2	53.7	1.2	36.2
2	2/10/2021 12:00	484.1	0.0	14.2	51.2	2.5	32.2
	2/10/2021 13:00	483.2	0.0	15.7	47.8	2.4	34.7
	2/10/2021 14:00	482.5	0.0	16.1	48.5	2.8	19.6
	2/10/2021 15:00	481.8	0.0	16.0	49.4	3.0	28.4
	2/10/2021 16:00	481.8	0.0	14.9	54.0	2.2	53.9
	2/10/2021 17:00	482.6	0.0	11.9	65.4	2.3	48.5
	2/10/2021 18:00	483.3	0.0	10.7	69.2	1.8	40.9
	2/10/2021 19:00	484.0	0.0	10.4	69.7	1.4	53.7
	2/10/2021 20:00	484.7	16.0	8.9	75.0	1.5	75.8
	2/10/2021 21:00	485.1	0.6	6.1	84.9	1.3	307.4
	2/10/2021 22:00	485.2	0.0	6.3	84.1	1.1	245.4
	2/10/2021 23:00	484.9	0.0	6.8	82.7	0.9	274.8
	3/10/2021 00:00	484.5	0.0	6.8	82.0	0.9	264.3
	3/10/2021 01:00	484.1	0.0	6.6	82.2	0.8	246.8
	3/10/2021 02:00	483.7	0.0	5.9	84.4	0.8	274.8
	3/10/2021 03:00	483.6	0.0	5.6	84.4	1.0	263.6
	3/10/2021 04:00	483.7	0.0	5.2	84.0	0.4	257.3
	3/10/2021 05:00	484.1	0.0	5.0	84.0	0.7	267.3
	3/10/2021 06:00	484.3	0.0	4.9	84.0	0.7	266.2
	3/10/2021 07:00	484.7	0.0	5.8	81.4	0.4	279.6
	3/10/2021 08:00	485.0	0.0	7.9	74.0	0.6	117.7
	3/10/2021 09:00	485.1	0.0	10.2	66.1	1.0	141.6
	3/10/2021 10:00	484.7	0.0	12.3	61.9	0.9	229.3
3	3/10/2021 11:00	484.4	0.0	14.3	51.8	2.0	86.8
	3/10/2021 12:00	484.1	0.0	15.1	49.1	2.7	18.3
	3/10/2021 13:00	483.5	0.0	15.7	45.9	2.3	54.6
	3/10/2021 14:00	483.0	0.0	16.0	44.1	2.5	54.0
	3/10/2021 15:00	482.5	0.0	16.1	41.8	2.5	30.3
	3/10/2021 16:00	482.3	0.0	15.5	42.7	2.2	30.2
	3/10/2021 17:00	482.3	0.0	14.2	48.7	2.0	40.6
	3/10/2021 18:00	482.8	0.0	12.4	55.6	1.6	32.9
	3/10/2021 19:00	483.4	0.0	10.8	64.6	2.3	13.9
	3/10/2021 20:00	484.0	0.0	10.1	69.0	1.4	36.0
	3/10/2021 21:00	484.4	0.0	9.2	74.2	1.6	86.1
	3/10/2021 22:00	484.7	0.0	9.4	72.8	1.5	315.9

3/10/2021 23:00	484.8	0.0	9.2	71.1	1.3	323.2
4/10/2021 00:00	484.6	0.0	9.0	72.6	1.4	306.4
4/10/2021 01:00	484.1	0.0	8.2	75.5	0.6	354.8
4/10/2021 02:00	484.0	0.0	7.9	74.5	1.4	39.3
4/10/2021 03:00	483.8	0.0	7.2	78.0	1.6	278.2
4/10/2021 04:00	484.0	0.0	6.5	79.3	0.9	294.2
4/10/2021 05:00	484.3	0.0	5.9	80.4	1.2	280.7
4/10/2021 06:00	484.8	0.0	5.4	80.5	1.4	261.4
4/10/2021 07:00	485.1	0.0	6.3	77.5	0.5	273.5
4/10/2021 08:00	485.5	0.0	7.8	73.9	0.6	228.0
4/10/2021 09:00	485.6	0.0	10.7	62.9	0.8	148.6
4/10/2021 10:00	485.2	0.0	13.9	41.7	2.2	124.4
4/10/2021 11:00	484.8	0.0	15.2	34.8	2.4	43.8
4/10/2021 12:00	484.2	0.0	16.2	32.1	2.6	27.0
4/10/2021 13:00	483.4	0.0	16.0	34.6	2.6	40.3
4/10/2021 14:00	483.2	0.0	14.2	47.9	3.3	58.4
4/10/2021 15:00	482.9	0.0	13.5	49.6	2.9	33.6
4/10/2021 16:00	482.6	0.0	13.8	49.2	2.1	48.7
4/10/2021 17:00	482.8	0.0	13.1	49.1	1.5	35.8
4/10/2021 18:00	483.3	0.0	11.9	57.4	2.0	39.7
4/10/2021 19:00	484.2	0.0	10.6	64.6	2.0	36.6
4/10/2021 20:00	484.6	0.0	9.7	69.4	2.1	97.6
4/10/2021 21:00	485.2	0.0	9.6	69.5	1.7	329.6
4/10/2021 22:00	485.2	0.0	9.2	72.9	1.2	265.5
4/10/2021 23:00	485.0	0.0	9.0	73.0	0.5	292.3
5/10/2021 00:00	484.6	0.0	8.8	72.3	0.8	317.6
5/10/2021 01:00	484.1	0.0	8.7	72.6	0.7	94.3
5/10/2021 02:00	483.8	0.0	8.6	74.0	1.1	256.8
5/10/2021 03:00	483.5	0.0	8.6	74.2	0.9	264.6
5/10/2021 04:00	483.6	0.0	8.2	78.6	1.2	261.1
5/10/2021 05:00	484.0	0.6	7.8	80.5	1.3	242.9
5/10/2021 06:00	484.5	0.6	7.8	77.6	1.0	34.9
5/10/2021 07:00	485.0	3.2	7.4	79.2	1.0	25.6
5/10/2021 08:00	485.6	4.1	7.0	82.5	1.3	293.5
5/10/2021 09:00	485.7	0.0	8.0	76.3	1.4	258.6
5/10/2021 10:00	485.2	0.0	10.1	68.4	0.7	112.5
5/10/2021 11:00	484.5	0.0	12.2	64.0	1.1	61.6
5/10/2021 12:00	483.8	0.0	13.1	61.9	2.1	57.1
5/10/2021 13:00	483.3	0.0	13.2	62.0	2.7	67.0
5/10/2021 14:00	483.3	0.0	11.9	64.6	2.8	90.3
5/10/2021 15:00	483.8	4.3	7.9	80.6	1.6	262.9
5/10/2021 16:00	484.2	8.0	6.6	84.3	0.6	313.5
5/10/2021 17:00	484.3	5.7	6.6	82.6	1.1	4.0
5/10/2021 18:00	484.5	0.0	6.7	82.1	0.3	264.8
5/10/2021 19:00	485.0	0.0	7.0	79.3	0.8	261.9
5/10/2021 20:00	485.5	2.5	6.8	82.1	0.5	328.9
5/10/2021 21:00	485.9	5.6	6.5	83.1	1.0	2.5
5/10/2021 22:00	486.1	4.3	5.8	81.9	0.9	16.4
5/10/2021 23:00	485.9	0.9	5.6	84.8	0.9	289.3
6/10/2021 00:00	485.6	3.3	5.1	87.9	1.9	263.4
6/10/2021 01:00	485.4	4.1	4.4	89.6	1.7	265.0
6/10/2021 02:00	485.1	0.9	4.2	87.6	1.2	261.4
6/10/2021 03:00	484.9	0.0	4.2	86.8	1.0	265.6
6/10/2021 04:00	485.0	0.8	4.2	88.6	1.0	253.9
6/10/2021 05:00	485.2	0.0	4.4	87.3	0.8	260.8
6/10/2021 06:00	485.6	0.0	4.8	87.2	0.7	262.2
6/10/2021 07:00	485.9	0.0	5.7	82.1	0.5	249.5
6/10/2021 08:00	486.2	0.0	7.3	75.0	0.5	242.4
6/10/2021 09:00	486.2	0.0	8.8	70.6	0.6	147.6
6/10/2021 10:00	486.0	0.0	10.0	66.4	1.0	196.4
6/10/2021 11:00	485.4	0.0	12.2	60.7	0.5	228.6
6/10/2021 12:00	484.6	0.0	14.3	53.7	1.3	50.7
6/10/2021 13:00	484.1	0.0	12.8	62.1	3.0	45.4
6/10/2021 14:00	483.7	0.0	13.4	60.7	2.6	39.9
6/10/2021 15:00	483.6	0.0	12.1	68.1	2.9	33.9
6/10/2021 16:00	483.7	0.0	11.0	69.8	2.0	27.9
6/10/2021 17:00	484.0	0.0	10.3	70.3	1.2	38.7
6/10/2021 18:00	484.8	7.2	8.5	79.6	1.3	290.8
6/10/2021 19:00	485.3	1.9	6.6	84.0	1.2	275.1
6/10/2021 20:00	485.6	0.0	6.6	83.2	0.8	323.5
6/10/2021 21:00	485.9	0.0	6.5	85.9	1.1	307.5
6/10/2021 22:00	485.9	0.0	6.8	84.2	0.8	259.6
6/10/2021 23:00	485.7	0.3	6.9	85.1	1.3	264.9
7/10/2021 00:00	485.4	0.3	6.3	87.8	1.5	257.7
7/10/2021 01:00	485.1	0.0	6.0	88.0	1.0	261.4
7/10/2021 02:00	484.9	0.0	6.0	87.4	0.9	258.5
7/10/2021 03:00	484.7	0.3	5.8	88.1	0.7	261.1
7/10/2021 04:00	484.8	0.0	6.1	87.0	0.4	256.4
7/10/2021 05:00	485.0	0.0	6.3	85.8	0.5	268.3
7/10/2021 06:00	485.4	0.0	6.6	84.1	0.2	175.4
7/10/2021 07:00	485.8	0.0	7.0	82.0	0.4	170.5
7/10/2021 08:00	486.0	0.0	7.8	78.7	0.5	154.6
7/10/2021 09:00	486.2	1.1	8.5	78.7	0.8	158.3
7/10/2021 10:00	485.9	0.0	10.4	72.0	1.2	138.7
7/10/2021 11:00	485.4	0.8	10.8	70.6	1.6	300.3
7/10/2021 12:00	485.2	1.5	9.3	76.7	1.4	295.6
7/10/2021 13:00	484.7	0.6	10.2	71.0	1.2	350.1
7/10/2021 14:00	484.0	0.0	11.3	71.3	2.7	259.8
7/10/2021 15:00	483.7	7.7	12.4	63.6	1.1	244.2
7/10/2021 16:00	483.8	2.5	10.1	75.7	2.3	43.0
7/10/2021 17:00	484.0	0.0	10.2	76.2	1.7	77.7
7/10/2021 18:00	484.4	0.0	9.8	77.3	1.7	70.7
7/10/2021 19:00	485.0	0.0	9.1	77.7	1.5	301.9
7/10/2021 20:00	485.3	0.0	7.6	80.1	1.0	261.9
7/10/2021 21:00	485.3	0.0	7.3	80.4	0.4	293.8
7/10/2021 22:00	485.4	0.0	6.8	81.7	0.6	338.2
7/10/2021 23:00	485.4	0.0	6.5	82.8	0.6	288.5
8/10/2021 00:00	485.1	0.0	6.5	83.1	0.2	145.1

	8/10/2021 01:00	484.9	0.0	6.4	83.3	0.5	331.0
	8/10/2021 02:00	484.7	0.0	6.4	83.1	0.5	263.5
	8/10/2021 03:00	484.5	0.0	6.3	83.6	0.3	282.5
	8/10/2021 04:00	484.5	0.0	6.4	82.9	0.4	235.9
	8/10/2021 05:00	484.6	0.0	6.3	83.9	0.3	10.3
	8/10/2021 06:00	484.8	0.0	6.6	82.8	0.5	247.2
	8/10/2021 07:00	485.1	0.0	7.4	79.5	0.2	193.3
	8/10/2021 08:00	485.4	0.0	8.9	73.6	0.5	148.7
	8/10/2021 09:00	485.4	0.0	11.1	66.5	0.9	151.7
	8/10/2021 10:00	485.1	0.0	12.4	66.4	1.4	162.7
8	8/10/2021 11:00	484.8	0.0	13.5	59.1	1.4	185.0
	8/10/2021 12:00	484.3	0.0	14.8	54.6	1.8	177.9
	8/10/2021 13:00	483.7	0.0	15.2	54.9	1.2	187.8
	8/10/2021 14:00	483.3	0.0	14.8	56.7	2.0	262.1
	8/10/2021 15:00	482.8	0.3	14.8	59.5	1.9	4.3
	8/10/2021 16:00	483.0	0.0	14.1	61.4	2.0	56.5
	8/10/2021 17:00	483.4	0.0	11.9	68.2	1.9	50.3
	8/10/2021 18:00	483.9	0.0	10.8	71.3	1.8	32.7
	8/10/2021 19:00	484.4	0.0	10.2	73.0	1.3	60.2
	8/10/2021 20:00	484.8	0.0	9.8	72.6	1.0	359.9
	8/10/2021 21:00	485.1	0.0	9.7	74.4	0.6	332.6
	8/10/2021 22:00	485.3	0.0	9.7	74.5	1.0	316.5
	8/10/2021 23:00	485.2	0.0	9.4	76.0	1.0	270.5
	9/10/2021 00:00	484.9	0.0	9.3	75.8	0.7	295.6
	9/10/2021 01:00	484.6	0.0	9.1	76.2	0.8	348.3
	9/10/2021 02:00	484.5	0.0	9.0	76.8	0.3	106.2
	9/10/2021 03:00	484.4	0.0	8.9	76.6	0.3	356.5
	9/10/2021 04:00	484.4	0.0	8.8	77.9	0.2	279.8
	9/10/2021 05:00	484.5	0.0	8.3	79.2	0.8	8.4
	9/10/2021 06:00	485.0	0.0	8.5	78.8	0.6	96.9
	9/10/2021 07:00	485.4	0.0	8.9	75.9	0.4	133.2
	9/10/2021 08:00	485.7	0.0	10.6	69.7	0.5	224.0
	9/10/2021 09:00	485.8	0.0	11.9	62.5	1.2	150.0
	9/10/2021 10:00	485.6	0.0	13.9	53.5	1.8	118.8
9	9/10/2021 11:00	485.1	0.0	15.6	48.9	1.9	33.6
	9/10/2021 12:00	484.8	0.0	15.5	50.3	2.9	30.2
	9/10/2021 13:00	484.3	0.0	15.8	51.1	3.0	26.3
	9/10/2021 14:00	483.9	0.0	15.9	49.9	2.5	9.7
	9/10/2021 15:00	483.6	0.0	15.2	51.3	2.6	11.4
	9/10/2021 16:00	483.5	0.0	14.6	55.1	2.1	25.7
	9/10/2021 17:00	483.8	0.0	13.4	58.2	2.0	91.0
	9/10/2021 18:00	484.1	0.0	12.1	62.0	1.4	23.9
	9/10/2021 19:00	484.5	0.0	11.2	66.0	1.0	42.0
	9/10/2021 20:00	485.2	0.0	10.3	72.1	1.3	16.7
	9/10/2021 21:00	485.7	0.0	10.2	72.2	1.2	318.7
	9/10/2021 22:00	485.9	0.0	10.0	72.8	1.3	299.7
	9/10/2021 23:00	486.0	0.0	9.9	72.5	1.5	269.0
	10/10/2021 00:00	485.8	0.0	10.0	72.0	0.8	263.7
	10/10/2021 01:00	485.3	0.0	9.7	74.2	1.1	258.5
	10/10/2021 02:00	485.0	0.0	9.2	76.5	0.8	333.3
	10/10/2021 03:00	484.8	0.0	8.7	78.0	1.3	285.7
	10/10/2021 04:00	485.0	0.0	8.0	79.3	1.4	263.2
	10/10/2021 05:00	485.4	0.0	7.4	80.4	0.8	271.1
	10/10/2021 06:00	485.9	0.0	6.9	81.2	0.7	263.9
	10/10/2021 07:00	486.3	0.0	9.0	74.9	0.5	79.8
	10/10/2021 08:00	486.2	0.0	11.0	68.0	1.0	109.5
	10/10/2021 09:00	486.1	0.0	12.3	60.8	0.6	121.8
	10/10/2021 10:00	485.8	0.0	14.4	53.5	1.5	142.7
10	10/10/2021 11:00	485.3	0.0	15.7	49.2	1.9	47.1
	10/10/2021 12:00	484.8	0.0	17.0	43.0	3.2	18.4
	10/10/2021 13:00	484.2	0.0	17.4	42.5	3.2	59.3
	10/10/2021 14:00	483.9	0.0	16.6	46.0	3.9	35.3
	10/10/2021 15:00	484.2	0.0	14.1	54.2	3.4	98.2
	10/10/2021 16:00	484.3	0.0	13.0	59.0	2.0	109.1
	10/10/2021 17:00	484.6	0.0	12.4	62.1	1.3	80.8
	10/10/2021 18:00	485.0	0.0	11.3	65.4	1.6	31.4
	10/10/2021 19:00	485.3	0.0	10.8	68.9	1.1	55.1
	10/10/2021 20:00	485.6	0.0	9.9	72.3	1.8	22.3
	10/10/2021 21:00	486.0	0.0	9.6	73.2	1.5	42.1
	10/10/2021 22:00	486.3	0.0	8.7	76.3	1.9	7.2
	10/10/2021 23:00	486.3	0.0	8.3	76.4	1.1	324.9
	11/10/2021 00:00	485.9	0.0	8.0	77.2	1.0	290.7
	11/10/2021 01:00	485.4	0.0	7.3	79.1	1.0	278.5
	11/10/2021 02:00	485.0	0.0	6.7	79.9	1.0	274.7
	11/10/2021 03:00	484.8	0.0	6.0	81.2	1.2	274.0
	11/10/2021 04:00	485.0	0.0	5.4	82.0	1.3	262.8
	11/10/2021 05:00	485.4	0.0	5.1	82.1	1.3	261.3
	11/10/2021 06:00	486.0	0.0	5.4	80.3	1.1	259.6
	11/10/2021 07:00	486.4	0.0	6.7	76.1	0.5	212.6
	11/10/2021 08:00	486.5	0.0	8.6	69.9	0.7	126.9
	11/10/2021 09:00	486.4	0.0	10.5	64.3	0.5	161.3
	11/10/2021 10:00	486.4	0.0	12.3	60.3	1.7	69.2
11	11/10/2021 11:00	486.5	0.0	13.0	61.2	2.4	80.0
	11/10/2021 12:00	486.0	0.0	15.4	44.7	2.6	58.5
	11/10/2021 13:00	485.6	0.0	15.9	41.7	2.7	22.5
	11/10/2021 14:00	485.0	0.0	16.3	38.5	2.7	53.2
	11/10/2021 15:00	484.7	0.0	15.9	43.0	2.2	107.8
	11/10/2021 16:00	484.5	0.0	15.3	41.3	2.0	56.0
	11/10/2021 17:00	485.5	0.0	12.3	51.5	3.2	83.1
	11/10/2021 18:00	485.9	1.8	8.7	73.4	2.5	66.2
	11/10/2021 19:00	486.2	0.0	8.7	74.1	0.8	166.4
	11/10/2021 20:00	486.6	0.0	8.8	73.1	0.9	172.3
	11/10/2021 21:00	486.7	0.0	8.4	73.9	0.7	163.9
	11/10/2021 22:00	486.7	0.0	7.9	76.9	0.8	115.1
	11/10/2021 23:00	486.8	0.0	7.7	76.8	0.7	149.4
	12/10/2021 00:00	486.5	0.0	7.2	78.9	0.9	139.4
	12/10/2021 01:00	486.4	0.0	6.7	80.2	1.0	123.9
	12/10/2021 02:00	486.2	0.0	6.2	81.5	0.6	113.3

	12/10/2021 03:00	486.2	0.0	6.0	80.4	0.6	263.2
	12/10/2021 04:00	486.5	0.0	5.7	79.7	1.3	265.9
	12/10/2021 05:00	486.7	0.0	5.1	80.9	0.8	275.3
	12/10/2021 06:00	487.1	0.0	4.8	81.4	1.0	260.1
	12/10/2021 07:00	487.4	0.0	7.0	74.5	0.3	16.8
	12/10/2021 08:00	487.5	0.0	10.0	63.7	0.7	50.1
	12/10/2021 09:00	487.4	0.0	12.0	55.3	1.5	141.4
	12/10/2021 10:00	487.2	0.0	14.2	47.9	1.7	144.6
12	12/10/2021 11:00	486.6	0.0	16.7	35.4	1.6	131.8
	12/10/2021 12:00	486.0	0.0	17.4	29.4	2.4	33.2
	12/10/2021 13:00	485.5	0.0	17.9	27.1	2.9	45.7
	12/10/2021 14:00	485.0	0.0	18.5	23.0	1.9	28.4
	12/10/2021 15:00	484.4	0.0	18.3	19.8	2.1	17.1
	12/10/2021 16:00	484.2	0.0	18.1	21.7	1.8	1.4
	12/10/2021 17:00	484.2	0.0	16.9	24.6	1.4	6.5
	12/10/2021 18:00	484.6	0.0	15.2	32.5	2.1	51.4
	12/10/2021 19:00	485.4	0.0	13.2	42.6	3.5	79.9
	12/10/2021 20:00	486.5	0.0	10.8	65.9	3.2	66.4
	12/10/2021 21:00	487.0	0.0	10.0	66.0	1.9	47.4
	12/10/2021 22:00	487.1	0.0	9.6	67.7	2.1	16.9
	12/10/2021 23:00	487.0	0.0	8.6	70.4	1.3	288.1
	13/10/2021 00:00	486.5	0.0	7.8	71.2	1.5	345.2
	13/10/2021 01:00	486.3	0.0	7.0	74.8	1.8	260.2
	13/10/2021 02:00	486.1	0.0	6.2	76.6	1.6	264.3
	13/10/2021 03:00	486.1	0.0	5.6	78.3	1.5	255.7
	13/10/2021 04:00	486.2	0.0	5.1	79.5	1.5	259.9
	13/10/2021 05:00	486.5	0.0	4.7	80.2	1.4	259.6
	13/10/2021 06:00	486.8	0.0	4.6	80.3	1.4	262.1
	13/10/2021 07:00	487.0	0.0	6.5	74.4	0.8	249.8
	13/10/2021 08:00	487.0	0.0	9.6	64.1	0.7	147.7
	13/10/2021 09:00	486.6	0.0	12.6	53.2	0.9	130.9
	13/10/2021 10:00	486.0	0.0	15.8	47.1	1.3	146.6
13	13/10/2021 11:00	485.3	0.0	18.7	34.3	1.3	182.2
	13/10/2021 12:00	484.5	0.0	19.4	29.7	1.6	162.4
	13/10/2021 13:00	483.7	0.0	20.2	26.1	1.5	175.2
	13/10/2021 14:00	483.0	0.0	21.0	25.5	1.5	291.6
	13/10/2021 15:00	482.9	0.0	18.9	38.2	3.2	34.8
	13/10/2021 16:00	483.3	0.0	15.8	44.7	3.1	86.8
	13/10/2021 17:00	484.1	0.3	14.4	47.9	1.5	35.8
	13/10/2021 18:00	485.5	3.0	10.4	72.9	1.5	264.3
	13/10/2021 19:00	486.0	0.6	9.7	72.2	2.5	264.8
	13/10/2021 20:00	486.0	0.0	9.8	67.2	1.8	311.0
	13/10/2021 21:00	485.9	0.0	9.7	67.6	1.3	303.2
	13/10/2021 22:00	485.8	0.0	9.2	69.6	0.9	305.6
	13/10/2021 23:00	485.7	0.0	8.1	75.4	1.1	264.0
	14/10/2021 00:00	485.5	0.0	7.2	77.5	1.0	279.6
	14/10/2021 01:00	485.2	0.0	6.6	78.7	0.8	263.9
	14/10/2021 02:00	484.9	0.0	5.8	80.0	1.3	265.7
	14/10/2021 03:00	484.6	0.0	5.1	81.3	1.3	260.9
	14/10/2021 04:00	484.6	0.0	4.7	81.4	0.8	253.0
	14/10/2021 05:00	485.0	0.0	4.4	81.1	0.6	263.2
	14/10/2021 06:00	485.5	0.0	4.2	81.0	0.8	262.5
	14/10/2021 07:00	485.9	0.0	6.6	72.9	0.5	144.9
	14/10/2021 08:00	486.0	0.0	9.4	63.7	0.6	200.2
	14/10/2021 09:00	485.6	0.0	12.5	55.1	0.9	146.2
	14/10/2021 10:00	485.0	0.0	15.9	47.8	1.2	87.5
14	14/10/2021 11:00	484.1	0.0	18.1	39.7	1.5	153.4
	14/10/2021 12:00	483.3	0.0	19.3	36.2	2.4	73.5
	14/10/2021 13:00	483.0	0.0	17.6	45.2	3.5	64.8
	14/10/2021 14:00	483.3	0.0	15.1	46.0	2.6	266.8
	14/10/2021 15:00	484.0	0.0	12.4	55.5	2.6	171.9
	14/10/2021 16:00	483.9	0.0	11.0	60.6	1.7	191.7
	14/10/2021 17:00	484.1	0.0	11.0	61.4	2.0	86.2
	14/10/2021 18:00	484.4	0.0	9.8	67.4	2.1	52.5
	14/10/2021 19:00	485.1	0.0	9.2	71.0	1.9	45.0
	14/10/2021 20:00	485.4	0.0	8.9	71.1	1.4	25.8
	14/10/2021 21:00	485.8	0.0	8.6	72.1	1.5	289.6
	14/10/2021 22:00	486.1	0.0	7.8	75.8	1.9	263.8
	14/10/2021 23:00	486.0	0.0	7.3	73.6	1.5	345.0
	15/10/2021 00:00	485.5	0.0	6.9	76.0	1.6	287.5
	15/10/2021 01:00	485.1	0.0	6.7	77.7	1.7	257.4
	15/10/2021 02:00	485.0	0.0	6.8	77.5	1.2	269.9
	15/10/2021 03:00	484.8	0.0	6.4	78.9	1.0	266.0
	15/10/2021 04:00	484.9	0.0	5.8	79.7	1.1	283.8
	15/10/2021 05:00	485.2	0.0	4.8	81.4	1.2	268.0
	15/10/2021 06:00	485.6	0.0	4.4	81.5	1.2	263.7
	15/10/2021 07:00	485.9	0.0	6.1	75.8	0.7	99.1
	15/10/2021 08:00	486.1	0.0	9.5	63.6	0.7	160.8
	15/10/2021 09:00	485.9	0.0	12.0	54.5	1.1	137.6
	15/10/2021 10:00	485.5	0.0	14.5	46.7	1.4	134.1
15	15/10/2021 11:00	485.1	0.0	16.8	35.6	2.2	37.2
	15/10/2021 12:00	484.5	0.0	17.5	35.7	2.7	25.1
	15/10/2021 13:00	483.9	0.0	17.5	36.2	2.7	73.3
	15/10/2021 14:00	483.4	0.0	17.6	36.7	3.2	76.1
	15/10/2021 15:00	483.3	0.0	15.6	40.5	3.1	74.7
	15/10/2021 16:00	483.2	0.0	14.8	47.4	2.6	39.2
	15/10/2021 17:00	483.7	0.0	13.1	53.7	2.2	52.1
	15/10/2021 18:00	484.4	0.0	11.4	54.7	1.6	211.4
	15/10/2021 19:00	485.0	0.0	10.6	61.4	1.6	189.1
	15/10/2021 20:00	485.5	0.0	10.3	62.0	0.4	194.1
	15/10/2021 21:00	485.8	0.0	9.8	63.0	1.3	8.1
	15/10/2021 22:00	486.1	0.0	9.1	66.2	1.0	334.3
	15/10/2021 23:00	485.9	0.0	8.1	68.5	1.8	266.6
	16/10/2021 00:00	485.7	0.0	8.0	68.6	1.1	246.6
	16/10/2021 01:00	485.5	0.0	8.1	68.4	0.5	257.3
	16/10/2021 02:00	485.1	0.0	8.1	68.8	0.6	275.7
	16/10/2021 03:00	484.9	0.0	8.0	69.6	1.1	286.3
	16/10/2021 04:00	485.3	0.0	7.7	71.5	1.2	267.6

	16/10/2021 05:00	485.9	0.0	7.4	73.0	1.1	263.0
	16/10/2021 06:00	486.3	0.0	7.5	73.0	0.9	263.9
	16/10/2021 07:00	486.8	0.0	8.1	72.2	0.7	163.9
	16/10/2021 08:00	487.0	0.0	9.3	68.9	0.9	164.9
	16/10/2021 09:00	486.8	0.0	11.4	61.5	0.9	165.7
	16/10/2021 10:00	486.4	0.0	13.2	54.5	1.2	162.1
16	16/10/2021 11:00	485.9	0.0	14.6	50.0	0.8	163.3
	16/10/2021 12:00	485.5	0.0	13.8	49.8	1.8	204.9
	16/10/2021 13:00	485.1	0.0	13.5	49.8	1.6	205.2
	16/10/2021 14:00	484.9	0.0	12.5	55.2	1.9	179.6
	16/10/2021 15:00	484.7	0.0	12.7	56.4	2.2	185.2
	16/10/2021 16:00	484.5	0.0	13.3	55.1	1.9	183.7
	16/10/2021 17:00	484.7	0.0	12.8	57.0	1.4	162.1
	16/10/2021 18:00	485.1	0.0	11.8	55.9	2.5	66.5
	16/10/2021 19:00	485.6	0.0	11.4	55.6	1.5	3.5
	16/10/2021 20:00	486.0	0.0	10.8	63.6	1.9	265.0
	16/10/2021 21:00	486.5	0.0	10.2	67.0	1.3	257.4
	16/10/2021 22:00	486.8	0.0	9.8	69.4	1.2	192.6
	16/10/2021 23:00	486.4	0.0	9.2	71.8	0.5	190.4
	17/10/2021 00:00	485.9	0.0	8.9	73.5	0.6	245.3
	17/10/2021 01:00	485.6	0.0	8.3	76.5	1.5	254.3
	17/10/2021 02:00	485.6	0.0	8.1	76.8	0.7	163.7
	17/10/2021 03:00	485.6	0.0	8.1	77.3	0.9	163.3
	17/10/2021 04:00	485.6	0.0	8.0	77.7	0.8	140.0
	17/10/2021 05:00	485.6	0.0	7.8	78.7	0.8	137.4
	17/10/2021 06:00	485.9	0.0	7.4	80.1	0.6	117.6
	17/10/2021 07:00	486.5	0.0	8.4	76.6	1.1	151.6
	17/10/2021 08:00	486.6	0.0	9.8	70.0	0.8	130.9
	17/10/2021 09:00	486.6	0.0	11.2	64.2	0.8	168.1
	17/10/2021 10:00	486.4	0.0	12.9	56.2	1.4	21.6
17	17/10/2021 11:00	486.1	0.0	14.0	52.3	1.8	46.2
	17/10/2021 12:00	485.4	0.0	14.5	51.0	2.3	41.2
	17/10/2021 13:00	485.0	0.0	13.6	55.6	2.7	59.7
	17/10/2021 14:00	484.5	0.0	13.6	53.6	2.3	54.7
	17/10/2021 15:00	484.0	0.0	14.3	50.8	2.1	55.6
	17/10/2021 16:00	484.1	0.0	13.6	55.2	2.9	52.6
	17/10/2021 17:00	484.2	0.0	12.3	60.5	2.3	54.1
	17/10/2021 18:00	485.0	0.0	11.7	63.7	1.5	63.5
	17/10/2021 19:00	485.6	0.0	11.0	67.6	1.7	55.9
	17/10/2021 20:00	486.1	0.0	8.7	70.7	1.2	246.1
	17/10/2021 21:00	486.1	0.0	8.2	73.7	0.6	281.3
	17/10/2021 22:00	486.1	0.0	7.9	71.9	1.3	1.1
	17/10/2021 23:00	485.8	0.0	7.5	73.4	1.6	308.2
	18/10/2021 00:00	485.4	0.0	6.7	76.9	1.4	268.0
	18/10/2021 01:00	485.1	0.0	6.1	78.1	1.1	278.5
	18/10/2021 02:00	484.7	0.0	5.3	80.1	1.4	269.1
	18/10/2021 03:00	484.6	0.0	4.5	80.9	1.2	264.4
	18/10/2021 04:00	484.7	0.0	4.0	81.4	1.1	261.4
	18/10/2021 05:00	485.1	0.0	3.6	82.2	1.3	261.5
	18/10/2021 06:00	485.4	0.0	3.4	82.1	1.4	264.7
	18/10/2021 07:00	485.8	0.0	6.5	72.1	0.4	175.2
	18/10/2021 08:00	486.0	0.0	9.2	63.9	0.9	141.7
	18/10/2021 09:00	485.8	0.0	11.4	59.3	1.1	133.2
	18/10/2021 10:00	485.5	0.0	14.5	50.9	1.2	123.9
18	18/10/2021 11:00	485.0	0.0	17.0	40.3	2.3	48.2
	18/10/2021 12:00	484.4	0.0	17.6	39.0	3.0	57.6
	18/10/2021 13:00	483.8	0.0	16.9	39.7	2.7	60.7
	18/10/2021 14:00	483.8	2.8	14.7	48.2	2.2	145.3
	18/10/2021 15:00	483.6	0.0	13.1	59.0	2.0	73.2
	18/10/2021 16:00	483.4	0.0	13.5	57.3	2.4	62.7
	18/10/2021 17:00	483.7	0.0	12.7	60.6	2.2	62.4
	18/10/2021 18:00	484.2	0.0	11.4	63.5	1.9	72.2
	18/10/2021 19:00	484.7	0.0	10.2	67.9	3.2	76.9
	18/10/2021 20:00	485.2	0.0	9.5	70.9	2.7	78.2
	18/10/2021 21:00	485.7	0.0	8.9	73.0	1.1	262.9
	18/10/2021 22:00	486.0	0.0	8.8	73.0	1.5	263.5
	18/10/2021 23:00	485.7	0.0	8.7	73.0	1.7	257.4
	19/10/2021 00:00	485.5	0.0	8.8	70.9	0.9	297.3
	19/10/2021 01:00	485.4	0.0	8.4	72.8	1.9	270.3
	19/10/2021 02:00	485.1	0.0	7.9	74.8	1.1	257.6
	19/10/2021 03:00	484.9	0.0	7.7	74.8	0.6	239.7
	19/10/2021 04:00	485.0	0.0	7.5	74.9	1.0	262.7
	19/10/2021 05:00	485.3	0.0	7.2	76.2	0.9	285.9
	19/10/2021 06:00	485.7	0.0	6.8	76.1	0.8	321.7
	19/10/2021 07:00	486.0	0.0	8.1	72.8	0.8	248.5
	19/10/2021 08:00	486.2	0.0	9.6	67.2	0.5	184.1
	19/10/2021 09:00	486.2	0.0	11.2	60.8	0.8	82.7
	19/10/2021 10:00	486.1	0.0	12.3	56.4	1.3	44.8
19	19/10/2021 11:00	485.8	0.0	12.6	55.1	1.5	75.5
	19/10/2021 12:00	485.8	0.3	10.0	72.5	2.9	40.5
	19/10/2021 13:00	485.3	0.0	10.9	67.3	1.5	42.9
	19/10/2021 14:00	484.5	0.0	12.6	60.9	1.3	268.1
	19/10/2021 15:00	484.0	0.0	13.2	57.6	1.7	291.3
	19/10/2021 16:00	483.9	0.0	12.8	56.8	1.1	10.1
	19/10/2021 17:00	484.1	0.0	13.1	54.1	1.3	38.3
	19/10/2021 18:00	484.8	0.0	11.6	63.6	1.9	67.7
	19/10/2021 19:00	485.5	0.0	10.4	72.2	1.4	52.2
	19/10/2021 20:00	486.0	0.0	9.8	75.7	2.0	58.0
	19/10/2021 21:00	486.5	1.4	9.1	77.3	1.3	61.5
	19/10/2021 22:00	486.7	0.0	8.9	76.0	1.6	328.7
	19/10/2021 23:00	486.4	0.0	8.3	79.0	1.1	264.7
	20/10/2021 00:00	486.1	0.0	8.4	78.2	0.9	261.3
	20/10/2021 01:00	485.9	0.0	8.4	78.1	1.1	276.0
	20/10/2021 02:00	485.5	0.0	8.4	78.3	1.0	262.0
	20/10/2021 03:00	485.4	0.0	8.3	78.1	0.5	267.4
	20/10/2021 04:00	485.5	0.0	8.2	79.5	1.2	260.8
	20/10/2021 05:00	485.8	0.0	8.1	80.0	0.9	255.2
	20/10/2021 06:00	486.0	0.0	8.3	79.2	0.3	241.0

	20/10/2021 07:00	486.4	0.0	8.9	76.4	0.4	71.6
	20/10/2021 08:00	486.6	0.0	10.2	69.7	0.5	33.1
	20/10/2021 09:00	486.6	0.0	12.1	64.0	0.6	122.6
	20/10/2021 10:00	486.2	0.0	15.0	51.0	1.9	34.0
20	20/10/2021 11:00	485.9	0.0	16.3	45.8	2.8	37.6
	20/10/2021 12:00	485.4	0.0	16.7	43.2	3.3	21.5
	20/10/2021 13:00	484.7	0.0	16.5	43.8	4.3	37.5
	20/10/2021 14:00	484.3	0.0	17.0	42.6	3.3	95.7
	20/10/2021 15:00	484.1	0.0	16.5	42.9	2.5	129.5
	20/10/2021 16:00	484.3	0.0	15.4	47.8	2.3	98.6
	20/10/2021 17:00	484.6	0.0	13.8	53.8	2.4	47.9
	20/10/2021 18:00	484.9	0.0	12.3	59.2	2.7	67.0
	20/10/2021 19:00	485.4	0.0	11.5	61.1	3.0	62.1
	20/10/2021 20:00	485.7	0.0	10.6	64.7	1.9	342.5
	20/10/2021 21:00	486.1	0.0	9.3	68.1	2.1	348.6
	20/10/2021 22:00	486.4	0.0	8.4	70.5	1.1	289.9
	20/10/2021 23:00	486.4	0.0	7.4	73.8	1.5	267.2
	21/10/2021 00:00	486.1	0.0	6.4	75.9	1.5	263.8
	21/10/2021 01:00	485.8	0.0	5.6	77.3	1.6	262.3
	21/10/2021 02:00	485.7	0.0	4.8	78.8	1.3	260.3
	21/10/2021 03:00	485.7	0.0	4.2	80.0	1.2	258.0
	21/10/2021 04:00	485.8	0.0	3.7	80.8	1.7	260.6
	21/10/2021 05:00	486.2	0.0	3.3	81.1	1.2	259.4
	21/10/2021 06:00	486.5	0.0	3.1	81.4	1.4	259.1
	21/10/2021 07:00	486.9	0.0	6.0	73.0	0.4	144.6
	21/10/2021 08:00	486.8	0.0	9.5	63.0	0.7	209.0
	21/10/2021 09:00	486.4	0.0	12.4	56.1	0.9	136.6
	21/10/2021 10:00	486.0	0.0	14.9	46.7	1.0	94.5
21	21/10/2021 11:00	485.4	0.0	16.9	39.3	1.3	103.0
	21/10/2021 12:00	484.6	0.0	19.2	29.6	2.7	3.3
	21/10/2021 13:00	484.0	0.0	19.4	24.9	2.6	28.0
	21/10/2021 14:00	483.5	0.0	19.4	23.3	3.1	40.9
	21/10/2021 15:00	483.3	0.0	18.4	33.4	3.3	49.0
	21/10/2021 16:00	483.6	0.0	16.3	46.4	3.3	57.7
	21/10/2021 17:00	484.0	0.0	14.0	54.9	1.8	65.0
	21/10/2021 18:00	484.6	0.0	12.0	63.5	1.2	31.1
	21/10/2021 19:00	485.2	0.0	10.9	66.7	1.0	20.5
	21/10/2021 20:00	485.6	0.0	10.3	68.2	1.2	75.3
	21/10/2021 21:00	485.9	0.0	9.3	70.8	1.4	314.3
	21/10/2021 22:00	486.1	0.0	8.1	72.6	2.3	266.9
	21/10/2021 23:00	486.0	0.0	7.4	74.2	1.7	267.6
	22/10/2021 00:00	485.7	0.0	6.4	76.2	1.3	259.8
	22/10/2021 01:00	485.6	0.0	5.6	77.8	1.8	262.8
	22/10/2021 02:00	485.4	0.0	4.8	78.8	1.8	257.1
	22/10/2021 03:00	485.4	0.0	4.0	80.0	1.6	256.6
	22/10/2021 04:00	485.6	0.0	3.5	80.4	1.7	261.6
	22/10/2021 05:00	485.9	0.0	2.9	81.0	1.9	259.3
	22/10/2021 06:00	486.2	0.0	2.8	80.7	1.2	259.9
	22/10/2021 07:00	486.4	0.0	5.3	72.5	0.8	263.4
	22/10/2021 08:00	486.4	0.0	9.1	61.9	0.8	158.3
	22/10/2021 09:00	486.2	0.0	12.6	54.3	0.9	124.8
	22/10/2021 10:00	485.7	0.0	15.9	32.6	1.9	42.0
22	22/10/2021 11:00	485.6	0.0	16.6	27.3	2.7	34.9
	22/10/2021 12:00	485.2	0.0	17.2	25.9	2.6	87.8
	22/10/2021 13:00	484.7	0.0	17.2	26.2	3.1	59.9
	22/10/2021 14:00	484.1	0.0	17.5	25.9	2.4	32.0
	22/10/2021 15:00	483.7	0.0	17.4	29.3	2.6	51.6
	22/10/2021 16:00	483.6	0.0	16.2	32.9	2.8	44.0
	22/10/2021 17:00	483.9	0.0	14.6	35.8	1.9	59.7
	22/10/2021 18:00	484.3	0.0	12.9	38.4	1.7	15.3
	22/10/2021 19:00	484.7	0.0	11.9	43.0	1.5	65.6
	22/10/2021 20:00	485.3	0.0	10.6	46.9	1.4	29.9
	22/10/2021 21:00	485.7	0.0	9.0	50.1	1.5	297.9
	22/10/2021 22:00	486.0	0.0	7.8	54.0	1.3	299.9
	22/10/2021 23:00	485.8	0.0	6.5	58.5	1.4	266.6
	23/10/2021 00:00	485.8	0.0	5.2	63.2	2.0	263.2
	23/10/2021 01:00	485.5	0.0	4.4	65.7	1.5	264.3
	23/10/2021 02:00	485.4	0.0	3.9	67.6	1.5	257.1
	23/10/2021 03:00	485.4	0.0	3.1	70.1	1.6	257.2
	23/10/2021 04:00	485.5	0.0	2.5	72.0	1.7	262.4
	23/10/2021 05:00	485.8	0.0	2.1	73.9	1.4	260.2
	23/10/2021 06:00	486.1	0.0	2.0	74.6	1.5	264.7
	23/10/2021 07:00	486.3	0.0	4.4	66.2	0.7	188.9
	23/10/2021 08:00	486.4	0.0	8.3	52.8	0.6	185.8
	23/10/2021 09:00	486.0	0.0	12.5	43.8	1.0	147.7
	23/10/2021 10:00	485.4	0.0	16.0	33.7	1.5	142.4
23	23/10/2021 11:00	484.9	0.0	18.2	26.2	1.5	5.0
	23/10/2021 12:00	484.3	0.0	19.4	24.9	1.6	65.5
	23/10/2021 13:00	483.8	0.0	19.8	21.4	2.6	60.2
	23/10/2021 14:00	483.3	0.0	19.7	23.6	2.9	38.4
	23/10/2021 15:00	483.0	0.0	18.8	29.8	3.1	84.5
	23/10/2021 16:00	483.2	0.0	16.9	37.2	2.5	78.9
	23/10/2021 17:00	483.6	0.0	14.5	45.0	2.1	40.8
	23/10/2021 18:00	484.5	0.0	12.7	54.7	1.7	28.6
	23/10/2021 19:00	485.0	0.0	12.2	59.4	1.8	21.1
	23/10/2021 20:00	485.5	0.0	11.5	58.0	2.4	191.2
	23/10/2021 21:00	486.0	0.0	10.4	61.9	1.8	189.0
	23/10/2021 22:00	486.1	0.0	9.7	63.8	0.5	191.0
	23/10/2021 23:00	485.9	0.0	8.9	65.1	1.2	323.4
	24/10/2021 00:00	485.6	0.0	7.9	68.2	1.8	261.1
	24/10/2021 01:00	485.3	0.0	7.1	70.2	1.5	257.8
	24/10/2021 02:00	485.3	0.0	6.5	72.2	1.5	269.1
	24/10/2021 03:00	485.3	0.0	6.4	72.4	1.2	266.5
	24/10/2021 04:00	485.5	0.0	6.5	72.7	1.4	262.9
	24/10/2021 05:00	485.9	0.0	6.6	73.3	1.0	257.6
	24/10/2021 06:00	486.2	0.0	6.7	72.9	0.8	272.8
	24/10/2021 07:00	486.4	0.0	8.8	65.6	1.1	102.4
	24/10/2021 08:00	486.3	0.0	11.7	57.1	1.0	135.9

	24/10/2021 09:00	486.0	0.0	14.8	41.9	1.5	132.2
	24/10/2021 10:00	485.6	0.0	17.6	26.4	1.8	175.3
24	24/10/2021 11:00	485.2	0.0	19.0	23.1	1.5	190.3
	24/10/2021 12:00	484.6	0.0	20.1	22.6	1.7	184.2
	24/10/2021 13:00	483.9	0.0	20.6	27.3	1.9	49.5
	24/10/2021 14:00	483.4	0.0	19.6	36.1	2.6	70.3
	24/10/2021 15:00	483.1	0.0	18.6	40.0	2.8	68.9
	24/10/2021 16:00	483.4	0.0	15.5	50.7	3.2	57.3
	24/10/2021 17:00	484.4	0.0	13.8	58.1	1.6	346.7
	24/10/2021 18:00	485.0	0.0	12.6	59.7	2.0	301.9
	24/10/2021 19:00	485.6	0.0	11.3	63.5	1.5	273.8
	24/10/2021 20:00	486.0	0.0	11.0	65.2	1.7	290.9
	24/10/2021 21:00	486.2	0.0	10.2	68.2	2.6	265.4
	24/10/2021 22:00	486.4	0.0	9.2	73.3	2.6	264.9
	24/10/2021 23:00	486.1	0.0	8.3	75.8	2.2	262.1
	25/10/2021 00:00	485.5	0.0	7.7	76.9	1.6	272.0
	25/10/2021 01:00	485.2	0.0	7.0	78.3	1.4	270.1
	25/10/2021 02:00	485.3	0.0	6.3	80.0	1.2	258.5
	25/10/2021 03:00	485.4	0.0	5.5	80.4	1.5	261.4
	25/10/2021 04:00	485.6	0.0	5.0	80.9	2.0	260.0
	25/10/2021 05:00	485.9	0.0	4.7	80.6	1.0	264.9
	25/10/2021 06:00	486.2	0.0	4.7	80.8	1.7	257.3
	25/10/2021 07:00	486.6	0.0	5.2	79.6	1.5	258.5
	25/10/2021 08:00	486.4	0.0	7.3	73.0	0.9	253.9
	25/10/2021 09:00	486.2	0.0	10.4	62.4	0.8	167.8
	25/10/2021 10:00	485.9	0.0	13.4	49.0	1.1	120.3
25	25/10/2021 11:00	485.5	0.0	14.9	43.1	2.0	83.2
	25/10/2021 12:00	484.9	0.0	16.1	37.3	1.4	16.5
	25/10/2021 13:00	484.0	0.0	16.9	39.7	2.3	59.1
	25/10/2021 14:00	483.1	0.0	17.3	40.5	2.2	33.2
	25/10/2021 15:00	482.8	0.0	16.5	45.1	2.8	80.1
	25/10/2021 16:00	483.0	0.0	15.1	51.0	2.8	35.3
	25/10/2021 17:00	483.8	0.0	12.7	59.0	3.3	59.9
	25/10/2021 18:00	484.6	0.0	10.6	67.1	2.8	69.2
	25/10/2021 19:00	485.2	0.0	10.1	70.8	2.0	58.0
	25/10/2021 20:00	485.6	0.0	9.6	74.4	1.6	63.9
	25/10/2021 21:00	485.9	0.0	9.5	73.6	1.0	29.0
	25/10/2021 22:00	486.1	0.0	9.6	71.0	0.9	13.5
	25/10/2021 23:00	486.1	0.0	8.8	71.8	1.7	260.6
	26/10/2021 00:00	485.9	0.0	8.1	71.7	1.4	255.4
	26/10/2021 01:00	485.5	0.0	7.4	73.5	1.7	264.5
	26/10/2021 02:00	485.4	0.0	6.5	73.5	1.9	263.0
	26/10/2021 03:00	485.4	0.0	6.1	71.8	1.9	270.1
	26/10/2021 04:00	485.7	0.0	5.8	70.3	1.5	259.7
	26/10/2021 05:00	486.0	0.0	5.7	71.1	1.1	265.9
	26/10/2021 06:00	486.3	0.0	5.6	71.2	0.4	242.7
	26/10/2021 07:00	486.6	0.0	7.4	64.2	1.0	79.6
	26/10/2021 08:00	486.6	0.0	9.8	55.7	1.5	130.6
	26/10/2021 09:00	486.2	0.0	12.3	47.1	1.3	170.1
	26/10/2021 10:00	485.6	0.0	15.1	39.2	1.1	254.8
26	26/10/2021 11:00	484.9	0.0	17.3	33.5	1.5	261.1
	26/10/2021 12:00	484.3	0.0	18.0	34.0	2.1	57.8
	26/10/2021 13:00	483.7	0.0	17.9	37.8	3.3	49.1
	26/10/2021 14:00	483.3	0.0	17.2	41.7	3.3	82.8
	26/10/2021 15:00	483.2	0.0	15.2	48.0	3.7	88.8
	26/10/2021 16:00	483.8	0.0	12.6	55.0	2.7	36.2
	26/10/2021 17:00	484.4	0.0	11.2	61.6	1.8	72.0
	26/10/2021 18:00	485.0	0.0	10.3	64.6	2.7	17.2
	26/10/2021 19:00	485.5	0.0	9.6	67.3	1.8	8.6
	26/10/2021 20:00	485.5	0.0	9.4	68.7	1.1	331.9
	26/10/2021 21:00	485.7	0.0	8.2	68.1	2.5	357.7
	26/10/2021 22:00	485.6	0.0	7.6	69.2	2.5	348.2
	26/10/2021 23:00	485.6	0.0	6.9	77.9	1.8	269.1
	27/10/2021 00:00	485.4	0.0	6.4	79.2	1.0	268.9
	27/10/2021 01:00	485.3	0.0	6.5	76.2	0.9	12.1
	27/10/2021 02:00	485.1	0.0	6.6	74.8	1.2	26.2
	27/10/2021 03:00	485.2	0.0	6.6	76.8	1.0	123.2
	27/10/2021 04:00	485.3	0.0	6.6	76.8	1.0	46.0
	27/10/2021 05:00	485.8	0.0	6.3	77.2	1.8	13.1
	27/10/2021 06:00	486.2	0.0	6.2	76.9	2.3	3.8
	27/10/2021 07:00	486.7	0.0	7.8	72.7	1.2	325.6
	27/10/2021 08:00	486.8	0.0	10.2	65.4	1.0	258.7
	27/10/2021 09:00	486.5	0.0	12.5	56.2	1.0	280.5
	27/10/2021 10:00	485.9	0.0	14.9	47.1	1.3	179.8
27	27/10/2021 11:00	485.4	0.0	16.1	40.8	1.2	311.6
	27/10/2021 12:00	484.8	0.0	17.1	37.1	2.4	132.2
	27/10/2021 13:00	484.6	0.0	16.0	43.9	2.6	182.6
	27/10/2021 14:00	484.4	0.0	14.9	47.8	3.1	151.5
	27/10/2021 15:00	484.4	0.0	14.6	47.9	2.6	78.4
	27/10/2021 16:00	484.6	0.0	13.9	49.7	2.8	74.1
	27/10/2021 17:00	485.0	0.0	12.0	54.4	2.4	38.0
	27/10/2021 18:00	485.7	0.0	10.7	60.1	1.7	61.9
	27/10/2021 19:00	486.0	0.0	9.8	63.3	2.2	80.0
	27/10/2021 20:00	486.2	0.0	9.0	65.9	2.4	44.1
	27/10/2021 21:00	486.9	0.0	8.0	71.5	2.1	54.9
	27/10/2021 22:00	487.0	0.0	7.6	72.6	1.3	283.7
	27/10/2021 23:00	486.7	0.0	6.7	75.0	2.0	266.1
	28/10/2021 00:00	486.4	0.0	6.0	76.9	1.6	265.0
	28/10/2021 01:00	486.1	0.0	4.9	79.4	2.3	260.3
	28/10/2021 02:00	486.0	0.0	4.5	79.0	1.8	253.3
	28/10/2021 03:00	486.1	0.0	4.9	77.8	1.0	265.0

	28/10/2021 04:00	486.4	0.3	5.2	81.1	0.4	277.9
	28/10/2021 05:00	486.7	0.9	5.0	84.7	1.0	256.5
	28/10/2021 06:00	487.0	0.0	5.0	86.4	1.1	260.5
	28/10/2021 07:00	487.3	0.3	6.1	84.4	1.3	264.9
	28/10/2021 08:00	487.5	0.0	7.3	78.9	2.0	261.4
	28/10/2021 09:00	487.6	0.0	8.7	72.1	1.2	281.9
	28/10/2021 10:00	487.4	0.0	10.1	64.7	1.8	13.9
28	28/10/2021 11:00	487.3	0.0	10.1	64.8	2.2	33.5
	28/10/2021 12:00	486.8	0.0	11.6	59.6	2.1	41.4
	28/10/2021 13:00	486.0	0.0	12.9	56.3	2.5	65.1
	28/10/2021 14:00	485.4	0.0	13.8	52.9	2.5	66.5
	28/10/2021 15:00	485.1	0.0	13.4	54.3	2.6	72.8
	28/10/2021 16:00	485.1	0.0	12.5	58.4	2.2	51.3
	28/10/2021 17:00	485.2	0.0	11.7	60.9	2.2	48.2
	28/10/2021 18:00	485.6	0.0	10.3	67.1	2.0	38.9
	28/10/2021 19:00	486.4	0.0	10.1	68.9	2.0	48.9
	28/10/2021 20:00	486.9	0.0	9.6	71.4	1.8	61.7
	28/10/2021 21:00	487.2	0.0	9.2	72.5	1.8	19.7
	28/10/2021 22:00	487.3	0.0	9.1	71.4	1.4	21.0
	28/10/2021 23:00	487.2	0.0	9.1	71.5	1.7	19.1
	29/10/2021 00:00	486.8	0.0	8.9	70.6	1.9	33.6
	29/10/2021 01:00	486.4	0.0	8.4	71.5	1.6	88.6
	29/10/2021 02:00	486.0	0.0	8.2	71.7	0.8	39.6
	29/10/2021 03:00	486.0	0.0	7.9	73.9	1.3	334.7
	29/10/2021 04:00	486.1	0.0	7.5	76.0	1.2	254.6
	29/10/2021 05:00	486.6	0.0	7.2	76.7	1.1	272.8
	29/10/2021 06:00	487.0	0.0	7.0	76.6	1.7	268.7
	29/10/2021 07:00	487.4	0.0	7.9	72.9	0.6	247.4
	29/10/2021 08:00	487.6	0.0	9.8	62.9	1.3	130.1
	29/10/2021 09:00	487.6	0.0	10.4	61.2	2.6	117.5
	29/10/2021 10:00	487.4	0.0	10.7	64.5	1.7	41.8
29	29/10/2021 11:00	486.8	0.0	12.8	51.9	1.8	107.8
	29/10/2021 12:00	486.5	0.3	11.9	58.9	3.3	100.0
	29/10/2021 13:00	486.8	1.5	8.1	77.7	1.9	42.4
	29/10/2021 14:00	486.3	0.0	8.1	77.3	1.8	276.2
	29/10/2021 15:00	485.7	0.0	8.9	71.9	1.9	264.1
	29/10/2021 16:00	485.5	0.3	9.4	72.2	1.4	257.3
	29/10/2021 17:00	485.8	0.0	8.5	79.6	1.3	179.9
	29/10/2021 18:00	485.9	0.0	8.1	77.6	0.7	189.8
	29/10/2021 19:00	486.2	0.0	8.2	76.4	0.6	137.4
	29/10/2021 20:00	486.4	0.0	8.2	77.1	0.7	147.1
	29/10/2021 21:00	486.4	0.0	7.7	78.0	0.8	156.4
	29/10/2021 22:00	486.6	0.0	7.0	80.0	0.7	141.3
	29/10/2021 23:00	486.3	0.0	6.1	78.8	1.2	254.9
	30/10/2021 00:00	486.0	0.0	5.3	79.2	1.6	258.3
	30/10/2021 01:00	485.7	0.0	4.8	80.5	0.9	256.0
	30/10/2021 02:00	485.4	0.0	4.4	81.4	1.0	281.0
	30/10/2021 03:00	485.3	0.0	3.7	83.0	0.9	271.3
	30/10/2021 04:00	485.5	0.0	3.6	83.0	1.4	271.3
	30/10/2021 05:00	485.9	0.0	3.7	82.0	1.3	268.2
	30/10/2021 06:00	486.2	0.0	4.4	80.5	1.0	272.7
	30/10/2021 07:00	486.6	0.0	5.4	78.7	1.0	341.7
	30/10/2021 08:00	486.8	0.0	8.0	69.5	0.7	227.3
	30/10/2021 09:00	486.7	0.0	9.9	61.8	0.9	110.0
	30/10/2021 10:00	486.2	0.0	11.7	56.4	1.2	159.5
	30/10/2021 11:00	485.7	0.0	13.2	52.1	1.5	163.7
	30/10/2021 12:00	485.2	0.0	15.0	44.3	2.6	118.1
	30/10/2021 13:00	484.6	0.0	16.2	40.5	2.5	92.0
	30/10/2021 14:00	484.0	0.0	16.4	40.0	2.6	60.1
	30/10/2021 15:00	483.5	0.0	16.2	41.6	2.8	55.1
	30/10/2021 16:00	483.4	0.0	15.3	47.2	2.6	86.2
	30/10/2021 17:00	483.9	0.0	12.8	55.7	2.1	61.0
	30/10/2021 18:00	484.7	0.0	10.9	61.8	1.6	35.8
	30/10/2021 19:00	485.2	0.0	10.2	62.8	1.8	18.5
	30/10/2021 20:00	485.5	0.0	9.0	64.8	2.7	351.8
	30/10/2021 21:00	485.9	0.0	8.5	66.8	1.2	299.8
	30/10/2021 22:00	486.2	0.0	8.7	70.4	2.2	41.2
	30/10/2021 23:00	486.2	0.0	8.6	72.0	1.6	111.0
	31/10/2021 00:00	485.8	0.0	7.9	74.0	2.0	262.4
	31/10/2021 01:00	485.4	0.0	7.6	75.0	0.9	266.7
	31/10/2021 02:00	485.1	0.0	6.6	77.7	1.8	270.4
	31/10/2021 03:00	485.0	0.0	5.7	78.8	1.6	272.7
	31/10/2021 04:00	485.2	0.0	4.9	79.9	1.5	264.3
	31/10/2021 05:00	485.6	0.0	4.8	79.4	1.9	263.4
	31/10/2021 06:00	485.9	0.0	5.4	77.9	1.1	254.2
	31/10/2021 07:00	486.4	0.0	6.6	75.1	0.5	257.1
	31/10/2021 08:00	486.7	0.0	8.9	68.6	0.3	240.6
	31/10/2021 09:00	486.8	0.0	10.5	63.9	0.6	153.6
	31/10/2021 10:00	486.3	0.0	12.7	55.0	1.2	162.8
30	31/10/2021 11:00	485.9	0.0	14.2	48.7	1.4	165.8
	31/10/2021 12:00	485.4	0.0	15.1	45.3	2.0	144.3
	31/10/2021 13:00	484.7	0.0	15.2	45.6	2.1	175.8
	31/10/2021 14:00	484.0	0.0	17.1	40.7	1.9	105.4
	31/10/2021 15:00	483.4	0.0	16.8	44.2	2.4	33.3
	31/10/2021 16:00	483.4	0.0	15.2	50.5	2.7	49.2
	31/10/2021 17:00	484.1	0.0	13.2	57.8	1.9	41.1
	31/10/2021 18:00	484.8	0.8	11.4	69.6	1.2	63.4
	31/10/2021 19:00	485.4	1.4	10.1	77.1	1.0	142.4
	31/10/2021 20:00	486.0	0.9	9.5	78.9	0.8	139.6
	31/10/2021 21:00	486.3	0.0	9.2	74.2	1.1	73.2
	31/10/2021 22:00	486.3	0.0	8.8	74.1	0.3	185.4
	31/10/2021 23:00	486.1	0.0	8.4	76.9	0.4	294.5