

July 2023

Time Local	Solar Elevation (°)	Solar Azimuth (° True)	Lunar Elevation (°)	Lunar Azimuth (° True)	Lunar Phase (%)	Ground Illumination (mlx)
07/01/2023 0000	-31	334	33	191	93	54.8
07/01/2023 0015	-33	338	32	195	93	53.41
07/01/2023 0030	-34	342	31	199	93	51.59
07/01/2023 0045	-34	346	30	202	93	49.36
07/01/2023 0100	-35	350	29	206	93	46.76
07/01/2023 0115	-36	354	27	209	93	43.81
07/01/2023 0130	-36	359	25	212	93	40.54
07/01/2023 0145	-36	3	24	215	93	37
07/01/2023 0200	-35	7	22	218	93	33.24
07/01/2023 0215	-35	11	20	221	93	29.35
07/01/2023 0230	-34	15	18	224	93	25.4
07/01/2023 0245	-33	19	15	226	93	21.44
07/01/2023 0300	-32	23	13	229	94	17.5
07/01/2023 0315	-31	27	11	231	94	13.65
07/01/2023 0330	-29	30	8	233	94	10.03
07/01/2023 0345	-28	34	6	235	94	6.77
07/01/2023 0400	-26	37	3	237	94	3.93
07/01/2023 0415	-24	40	1	239	94	1.86
07/01/2023 0430	-22	43	-2	241	94	0.68
07/01/2023 0445	-19	46	-5	243	94	1.06
07/01/2023 0500	-17	49	-8	244	94	1.3
07/01/2023 0515	-14	51	-11	246	94	2.4
07/01/2023 0530	-12	53	-13	248	94	9.37
07/01/2023 0545	-9	56	-16	249	94	88.59
07/01/2023 0600	-7	58	-19	251	94	1698.41
07/01/2023 0615	-4	60	-22	252	94	34942.26
07/01/2023 0630	-1	62	-25	254	94	385924.69
07/01/2023 0645	2	64	-28	255	94	2031525.02
07/01/2023 0700	5	66	-31	257	94	4621652.54
07/01/2023 0715	8	68	-34	258	95	7962724.71
07/01/2023 0730	11	69	-37	259	95	11966940.81
07/01/2023 0745	14	71	-40	261	95	16554769.15
07/01/2023 0800	17	73	-43	262	95	21562490.98
07/01/2023 0815	20	74	-46	264	95	26981040.99
07/01/2023 0830	23	76	-49	265	95	32825681.02
07/01/2023 0845	26	78	-52	267	95	38968955.92
07/01/2023 0900	29	79	-55	268	95	45295119.5
07/01/2023 0915	32	81	-58	270	95	51765768.42
07/01/2023 0930	36	82	-61	272	95	58204954.02
07/01/2023 0945	39	84	-64	274	95	64330021.79
07/01/2023 1000	42	86	-67	277	95	70154923.45
07/01/2023 1015	45	87	-70	279	95	76022929.73

07/01/2023 1030	48	89	-73	283	95	82057542.46
07/01/2023 1045	52	91	-76	288	95	87952969.3
07/01/2023 1100	55	93	-79	294	95	93495102.04
07/01/2023 1115	58	96	-82	305	95	98729359.42
07/01/2023 1130	61	98	-84	323	95	103331149.8
07/01/2023 1145	64	101	-85	355	95	106816092
07/01/2023 1200	67	105	-84	29	95	109813958.4
07/01/2023 1215	70	109	-82	51	96	113313012.1
07/01/2023 1230	73	115	-80	64	96	116326824.1
07/01/2023 1245	76	123	-77	71	96	117686958.6
07/01/2023 1300	79	133	-74	77	96	119087264.3
07/01/2023 1315	81	149	-71	81	96	121039889.2
07/01/2023 1330	82	171	-68	84	96	121901087.5
07/01/2023 1345	82	196	-65	86	96	121773683.8
07/01/2023 1400	80	216	-62	88	96	120508017.9
07/01/2023 1415	78	230	-59	90	96	118544738.4
07/01/2023 1430	75	240	-56	92	96	117385724.2
07/01/2023 1445	73	247	-53	94	96	115583786.8
07/01/2023 1500	70	252	-50	95	96	112210872.3
07/01/2023 1515	66	256	-47	97	96	108872596.5
07/01/2023 1530	63	260	-44	98	96	105866157
07/01/2023 1545	60	263	-41	100	96	102039590
07/01/2023 1600	57	265	-38	101	96	97176979.26
07/01/2023 1615	54	267	-35	103	96	91843040.11
07/01/2023 1630	51	269	-32	104	96	86194148.08
07/01/2023 1645	47	271	-29	106	96	80215982.94
07/01/2023 1700	44	273	-26	107	96	74212638.17
07/01/2023 1715	41	275	-23	108	96	68391529.68
07/01/2023 1730	38	276	-21	110	97	62502787.32
07/01/2023 1745	35	278	-18	111	97	56260590.81
07/01/2023 1800	31	280	-15	113	97	49778463.94
07/01/2023 1815	28	281	-12	115	97	43342014
07/01/2023 1830	25	283	-9	116	97	37065141.45
07/01/2023 1845	22	285	-7	118	97	30993881.21
07/01/2023 1900	19	286	-4	120	97	25270190.41
07/01/2023 1915	16	288	-1	122	97	19982112.48
07/01/2023 1930	13	289	2	123	97	15091772.74
07/01/2023 1945	10	291	4	125	97	10662076.77
07/01/2023 2000	7	293	6	127	97	6860932.74
07/01/2023 2015	4	295	9	130	97	3724578.54
07/01/2023 2030	1	297	11	132	97	1448977.63
07/01/2023 2045	-2	299	13	134	97	200549.46
07/01/2023 2100	-5	301	15	137	97	14198.56
07/01/2023 2115	-7	303	18	139	97	677.94
07/01/2023 2130	-10	305	19	142	97	77.86
07/01/2023 2145	-13	307	21	145	97	48.61
07/01/2023 2200	-15	310	23	148	97	49.79

07/01/2023 2215	-18	312	25	151	97	53.8
07/01/2023 2230	-20	315	26	154	97	57.45
07/01/2023 2245	-22	318	27	157	97	61.38
07/01/2023 2300	-24	321	28	161	97	64.88
07/01/2023 2315	-26	324	29	164	97	67.89
07/01/2023 2330	-28	327	30	168	97	70.38
07/01/2023 2345	-30	331	30	172	98	72.3
07/02/2023 0000	-31	334	31	175	98	73.63
07/02/2023 0015	-33	338	31	179	98	74.35
07/02/2023 0030	-34	342	31	183	98	74.44
07/02/2023 0045	-35	346	31	187	98	73.89
07/02/2023 0100	-35	350	30	190	98	72.72
07/02/2023 0115	-36	354	29	194	98	70.94
07/02/2023 0130	-36	358	29	198	98	68.56
07/02/2023 0145	-36	3	28	201	98	65.61
07/02/2023 0200	-36	7	26	204	98	62.12
07/02/2023 0215	-35	11	25	208	98	58.14
07/02/2023 0230	-34	15	23	211	98	53.7
07/02/2023 0245	-33	19	22	214	98	48.9
07/02/2023 0300	-32	23	20	216	98	43.81
07/02/2023 0315	-31	27	18	219	98	38.56
07/02/2023 0330	-29	30	16	222	98	33.2
07/02/2023 0345	-28	34	14	224	98	27.79
07/02/2023 0400	-26	37	12	227	98	22.38
07/02/2023 0415	-24	40	10	229	98	17.14
07/02/2023 0430	-22	43	7	231	98	12.29
07/02/2023 0445	-19	46	5	233	98	8.46
07/02/2023 0500	-17	49	2	235	98	5.01
07/02/2023 0515	-15	51	0	237	98	3.65
07/02/2023 0530	-12	53	-3	239	98	9
07/02/2023 0545	-9	56	-6	241	98	81.88
07/02/2023 0600	-7	58	-8	242	98	1553.38
07/02/2023 0615	-4	60	-11	244	98	32327.77
07/02/2023 0630	-1	62	-14	246	98	365966.07
07/02/2023 0645	2	64	-17	247	98	1977764.09
07/02/2023 0700	5	66	-20	249	98	4545325.89
07/02/2023 0715	8	68	-22	250	98	7871916.5
07/02/2023 0730	11	69	-25	251	99	11862246.88
07/02/2023 0745	14	71	-28	253	99	16440626.65
07/02/2023 0800	17	73	-31	254	99	21441604.76
07/02/2023 0815	20	74	-34	255	99	26852348.76
07/02/2023 0830	23	76	-37	257	99	32690578.88
07/02/2023 0845	26	78	-40	258	99	38831043.69
07/02/2023 0900	29	79	-43	259	99	45155543.16
07/02/2023 0915	32	81	-46	261	99	51625860.19
07/02/2023 0930	35	82	-49	262	99	58070452.94
07/02/2023 0945	39	84	-52	263	99	64204888.7

07/02/2023 1000	42	86	-55	265	99	70033846.59
07/02/2023 1015	45	88	-58	266	99	75898568.14
07/02/2023 1030	48	89	-61	268	99	81932241.87
07/02/2023 1045	51	91	-64	270	99	87833991.29
07/02/2023 1100	55	93	-67	272	99	93382500.81
07/02/2023 1115	58	96	-70	274	99	98623289.32
07/02/2023 1130	61	98	-73	276	99	103243785.8
07/02/2023 1145	64	101	-76	280	99	106749674.9
07/02/2023 1200	67	105	-79	285	99	109741381.1
07/02/2023 1215	70	109	-82	292	99	113226679.4
07/02/2023 1230	73	115	-85	306	99	116270794.3
07/02/2023 1245	76	123	-87	340	99	117658636.7
07/02/2023 1300	79	133	-86	31	99	119019165.9
07/02/2023 1315	81	149	-84	58	99	120958748.5
07/02/2023 1330	82	171	-81	70	99	121855241.1
07/02/2023 1345	82	195	-78	77	99	121733373.6
07/02/2023 1400	80	216	-75	81	99	120470013.8
07/02/2023 1415	78	230	-72	84	99	118531708.2
07/02/2023 1430	75	240	-69	87	99	117382542.2
07/02/2023 1445	73	247	-66	89	99	115583135.8
07/02/2023 1500	70	252	-63	91	99	112216085.3
07/02/2023 1515	66	256	-60	93	99	108880145.4
07/02/2023 1530	63	259	-57	94	99	105876577.9
07/02/2023 1545	60	262	-54	96	99	102055782.6
07/02/2023 1600	57	265	-51	97	99	97197381.82
07/02/2023 1615	54	267	-48	98	99	91865468.89
07/02/2023 1630	51	269	-45	100	99	86218404.33
07/02/2023 1645	47	271	-42	101	99	80241039.78
07/02/2023 1700	44	273	-39	102	99	74236581.82
07/02/2023 1715	41	275	-36	104	99	68414188.35
07/02/2023 1730	38	276	-33	105	99	62525335.22
07/02/2023 1745	35	278	-31	106	99	56283020.59
07/02/2023 1800	31	280	-28	108	99	49799424.82
07/02/2023 1815	28	281	-25	109	99	43360549.59
07/02/2023 1830	25	283	-22	111	99	37081004.13
07/02/2023 1845	22	284	-19	112	99	31006744.63
07/02/2023 1900	19	286	-16	114	100	25279759.4
07/02/2023 1915	16	288	-13	115	100	19988523.21
07/02/2023 1930	13	289	-11	117	100	15095231.09
07/02/2023 1945	10	291	-8	118	100	10662751.44
07/02/2023 2000	7	293	-5	120	100	6859311.79
07/02/2023 2015	4	295	-3	122	100	3721350.41
07/02/2023 2030	1	297	0	124	100	1445750.58
07/02/2023 2045	-2	298	3	126	100	199292.71
07/02/2023 2100	-5	300	5	128	100	14026.38
07/02/2023 2115	-7	303	7	130	100	652.62
07/02/2023 2130	-10	305	10	132	100	63

07/02/2023 2145	-13	307	12	134	100	36.66
07/02/2023 2200	-15	310	14	137	100	40.79
07/02/2023 2215	-18	312	16	139	100	48.06
07/02/2023 2230	-20	315	18	142	100	55.31
07/02/2023 2245	-22	318	20	144	100	63.21
07/02/2023 2300	-24	321	22	147	100	70.97
07/02/2023 2315	-26	324	23	150	100	78.44
07/02/2023 2330	-28	327	25	153	100	85.45
07/02/2023 2345	-30	331	26	157	100	91.89
07/03/2023 0000	-31	334	27	160	100	97.68
07/03/2023 0015	-33	338	28	163	100	102.72
07/03/2023 0030	-34	342	29	167	100	106.96
07/03/2023 0045	-35	346	30	171	100	110.33
07/03/2023 0100	-35	350	30	174	100	112.79
07/03/2023 0115	-36	354	30	178	100	114.29
07/03/2023 0130	-36	358	30	182	100	114.8
07/03/2023 0145	-36	3	30	185	100	114.32
07/03/2023 0200	-36	7	30	189	100	112.84
07/03/2023 0215	-35	11	29	193	100	110.38
07/03/2023 0230	-34	15	28	196	100	106.97
07/03/2023 0245	-33	19	27	200	100	102.64
07/03/2023 0300	-32	23	26	203	100	97.45
07/03/2023 0315	-31	27	25	206	100	91.46
07/03/2023 0330	-29	30	24	209	100	84.74
07/03/2023 0345	-28	34	22	212	100	77.41
07/03/2023 0400	-26	37	20	215	100	69.61
07/03/2023 0415	-24	40	18	218	100	61.51
07/03/2023 0430	-22	43	17	221	100	53.24
07/03/2023 0445	-19	46	14	223	100	45.4
07/03/2023 0500	-17	49	12	226	100	37.25
07/03/2023 0515	-15	51	10	228	100	30.06
07/03/2023 0530	-12	54	8	230	100	28.54
07/03/2023 0545	-9	56	5	232	100	88.7
07/03/2023 0600	-7	58	3	234	100	1422.65
07/03/2023 0615	-4	60	1	236	100	29800.7
07/03/2023 0630	-1	62	-2	238	100	346079.78
07/03/2023 0645	2	64	-5	240	100	1922880.29
07/03/2023 0700	5	66	-8	242	100	4466737.97
07/03/2023 0715	8	68	-10	243	100	7778420.05
07/03/2023 0730	11	69	-13	245	100	11754475.45
07/03/2023 0745	14	71	-16	246	100	16323118.95
07/03/2023 0800	17	73	-19	248	100	21317289.54
07/03/2023 0815	20	74	-21	249	100	26720159.53
07/03/2023 0830	23	76	-24	251	100	32551861.53
07/03/2023 0845	26	78	-27	252	100	38689511.43
07/03/2023 0900	29	79	-30	254	100	45012426.38
07/03/2023 0915	32	81	-33	255	100	51482438.09

07/03/2023 0930	35	83	-36	256	100	57932518.21
07/03/2023 0945	39	84	-39	258	100	64076627.93
07/03/2023 1000	42	86	-42	259	100	69909979.46
07/03/2023 1015	45	88	-45	260	100	75771449.47
07/03/2023 1030	48	89	-48	262	100	81804015.75
07/03/2023 1045	51	91	-51	263	100	87712108.07
07/03/2023 1100	55	94	-54	265	100	93267151.95
07/03/2023 1115	58	96	-57	266	100	98514400.96
07/03/2023 1130	61	99	-60	268	100	103153635.8
07/03/2023 1145	64	102	-63	270	100	106681187.7
07/03/2023 1200	67	105	-66	271	100	109667090.8
07/03/2023 1215	70	109	-69	274	100	113137373.8
07/03/2023 1230	73	115	-72	276	100	116211327.2
07/03/2023 1245	76	123	-75	280	100	117629280.1
07/03/2023 1300	79	134	-78	284	100	118949347.4
07/03/2023 1315	81	149	-81	291	100	120871104.2
07/03/2023 1330	82	171	-83	302	100	121802341.3
07/03/2023 1345	82	195	-86	327	100	121686427.9
07/03/2023 1400	80	215	-86	11	100	120425063.7
07/03/2023 1415	78	230	-85	47	100	118514912.4
07/03/2023 1430	75	239	-82	63	100	117377324.3
07/03/2023 1445	73	246	-79	72	100	115578029.4
07/03/2023 1500	70	252	-76	78	100	112216077.5
07/03/2023 1515	66	256	-73	82	100	108883715.1
07/03/2023 1530	63	259	-70	84	100	105882954.6
07/03/2023 1545	60	262	-67	87	100	102066705.4
07/03/2023 1600	57	265	-64	89	100	97211809.88
07/03/2023 1615	54	267	-61	91	100	91881703.26
07/03/2023 1630	51	269	-58	92	100	86236127.66
07/03/2023 1645	47	271	-55	94	100	80259348.46
07/03/2023 1700	44	273	-52	95	100	74253935.88
07/03/2023 1715	41	275	-49	97	100	68430345.43
07/03/2023 1730	38	276	-46	98	100	62541013.52
07/03/2023 1745	35	278	-43	100	100	56298062.45
07/03/2023 1800	31	280	-40	101	99	49812768.94
07/03/2023 1815	28	281	-37	102	99	43371475.11
07/03/2023 1830	25	283	-34	104	99	37089288.13
07/03/2023 1845	22	284	-31	105	99	31012167.01
07/03/2023 1900	19	286	-28	106	99	25282219.57
07/03/2023 1915	16	288	-26	108	99	19988172.67
07/03/2023 1930	13	289	-23	109	99	15092251.89
07/03/2023 1945	10	291	-20	111	99	10657552.79
07/03/2023 2000	7	293	-17	112	99	6852591.11
07/03/2023 2015	4	295	-14	114	99	3713878.71
07/03/2023 2030	1	296	-11	115	99	1439875.96
07/03/2023 2045	-2	298	-9	117	99	197311.09
07/03/2023 2100	-5	300	-6	119	99	13790.01

07/03/2023 2115	-8	303	-3	120	99	623.29
07/03/2023 2130	-10	305	0	122	99	40.17
07/03/2023 2145	-13	307	2	124	99	9.99
07/03/2023 2200	-15	309	5	126	99	10.96
07/03/2023 2215	-18	312	7	128	99	15.77
07/03/2023 2230	-20	315	10	130	99	21.14
07/03/2023 2245	-22	318	12	132	99	27.67
07/03/2023 2300	-24	321	14	135	99	34.42
07/03/2023 2315	-26	324	16	137	99	41.19
07/03/2023 2330	-28	327	18	140	99	47.91
07/03/2023 2345	-30	330	20	143	99	54.52
07/04/2023 0000	-31	334	22	145	99	60.92
07/04/2023 0015	-33	338	24	148	99	66.99
07/04/2023 0030	-34	342	25	152	99	72.59
07/04/2023 0045	-35	346	27	155	99	77.64
07/04/2023 0100	-35	350	28	158	99	82.09
07/04/2023 0115	-36	354	29	162	99	85.87
07/04/2023 0130	-36	358	30	165	99	88.96
07/04/2023 0145	-36	3	31	169	99	91.32
07/04/2023 0200	-36	7	31	173	99	92.91
07/04/2023 0215	-35	11	32	176	99	93.72
07/04/2023 0230	-35	15	32	180	99	93.75
07/04/2023 0245	-34	19	32	184	99	93
07/04/2023 0300	-32	23	31	188	99	91.49
07/04/2023 0315	-31	27	31	192	99	89.24
07/04/2023 0330	-29	30	30	195	99	86.28
07/04/2023 0345	-28	34	29	199	99	82.65
07/04/2023 0400	-26	37	28	202	99	78.42
07/04/2023 0415	-24	40	27	206	99	73.63
07/04/2023 0430	-22	43	26	209	99	68.35
07/04/2023 0445	-20	46	24	212	99	63.16
07/04/2023 0500	-17	49	22	215	99	57.33
07/04/2023 0515	-15	51	21	218	98	51.98
07/04/2023 0530	-12	54	19	221	98	51.33
07/04/2023 0545	-10	56	17	223	98	106.41
07/04/2023 0600	-7	58	14	226	98	1315.77
07/04/2023 0615	-4	60	12	228	98	27388.7
07/04/2023 0630	-1	62	10	231	98	326374.76
07/04/2023 0645	2	64	8	233	98	1867038.61
07/04/2023 0700	5	66	5	235	98	4386016.77
07/04/2023 0715	8	68	3	237	98	7682358.8
07/04/2023 0730	11	69	0	239	98	11643755.81
07/04/2023 0745	14	71	-3	241	98	16202367.08
07/04/2023 0800	17	73	-5	243	98	21189667.09
07/04/2023 0815	20	74	-8	244	98	26584603.2
07/04/2023 0830	23	76	-11	246	98	32409657.38
07/04/2023 0845	26	78	-14	248	98	38544480.72

07/04/2023 0900	29	79	-17	249	98	44865889.3
07/04/2023 0915	32	81	-19	251	98	51335616.99
07/04/2023 0930	35	83	-22	252	98	57791246.31
07/04/2023 0945	39	84	-25	254	98	63945320.8
07/04/2023 1000	42	86	-28	255	98	69783408.32
07/04/2023 1015	45	88	-31	257	98	75641668.91
07/04/2023 1030	48	90	-34	258	98	81672948.06
07/04/2023 1045	51	92	-37	260	98	87587382.99
07/04/2023 1100	55	94	-40	261	98	93149112.88
07/04/2023 1115	58	96	-43	263	98	98402740.2
07/04/2023 1130	61	99	-46	264	98	103060702.6
07/04/2023 1145	64	102	-49	266	98	106610619.5
07/04/2023 1200	67	105	-52	268	98	109591142.3
07/04/2023 1215	70	110	-55	270	98	113045143.4
07/04/2023 1230	73	115	-58	272	98	116148294.4
07/04/2023 1245	76	123	-61	274	97	117598828.3
07/04/2023 1300	79	134	-64	276	97	118878136.4
07/04/2023 1315	81	149	-67	279	97	120777000.3
07/04/2023 1330	82	171	-70	282	97	121741789.8
07/04/2023 1345	82	195	-73	286	97	121632327
07/04/2023 1400	80	215	-76	292	97	120373109
07/04/2023 1415	78	229	-79	300	97	118494402.3
07/04/2023 1430	75	239	-81	312	97	117370008.6
07/04/2023 1445	73	246	-83	331	97	115568348.5
07/04/2023 1500	70	251	-84	358	97	112210723.3
07/04/2023 1515	66	256	-83	25	97	108883206.3
07/04/2023 1530	63	259	-81	45	97	105885196.4
07/04/2023 1545	60	262	-79	58	97	102072243.6
07/04/2023 1600	57	265	-76	66	97	97220129.94
07/04/2023 1615	54	267	-73	72	97	91891608.46
07/04/2023 1630	51	269	-70	76	97	86247182.23
07/04/2023 1645	47	271	-67	79	97	80270770.97
07/04/2023 1700	44	273	-64	82	97	74264569.31
07/04/2023 1715	41	274	-61	85	97	68439880.88
07/04/2023 1730	38	276	-58	87	97	62549705.02
07/04/2023 1745	35	278	-55	89	97	56305595.77
07/04/2023 1800	31	279	-52	91	97	49818376.58
07/04/2023 1815	28	281	-49	92	97	43374677.58
07/04/2023 1830	25	283	-46	94	97	37089888.1
07/04/2023 1845	22	284	-43	96	96	31010051.37
07/04/2023 1900	19	286	-40	97	96	25277484.94
07/04/2023 1915	16	287	-37	99	96	19980985.37
07/04/2023 1930	13	289	-34	100	96	15082767.8
07/04/2023 1945	10	291	-31	101	96	10646423.42
07/04/2023 2000	7	293	-28	103	96	6840723.07
07/04/2023 2015	4	294	-25	104	96	3702127.4
07/04/2023 2030	1	296	-22	106	96	1431345.55

07/04/2023 2045	-2	298	-19	107	96	194612
07/04/2023 2100	-5	300	-16	109	96	13496.7
07/04/2023 2115	-8	302	-13	110	96	607.34
07/04/2023 2130	-10	305	-10	112	96	37.67
07/04/2023 2145	-13	307	-8	114	96	5.33
07/04/2023 2200	-15	309	-5	115	96	1.82
07/04/2023 2215	-18	312	-2	117	96	1.43
07/04/2023 2230	-20	315	1	119	96	2.28
07/04/2023 2245	-22	317	4	121	96	4.94
07/04/2023 2300	-24	320	6	123	96	8.49
07/04/2023 2315	-26	324	9	125	96	12.57
07/04/2023 2330	-28	327	11	127	96	17.11
07/04/2023 2345	-30	330	14	129	95	21.93
07/05/2023 0000	-31	334	16	132	95	26.85
07/05/2023 0015	-33	338	18	134	95	31.82
07/05/2023 0030	-34	342	21	137	95	36.8
07/05/2023 0045	-35	346	23	140	95	41.73
07/05/2023 0100	-35	350	25	143	95	46.49
07/05/2023 0115	-36	354	26	146	95	50.98
07/05/2023 0130	-36	358	28	149	95	55.13
07/05/2023 0145	-36	3	30	152	95	58.92
07/05/2023 0200	-36	7	31	156	95	62.29
07/05/2023 0215	-35	11	32	160	95	65.2
07/05/2023 0230	-35	15	33	163	95	67.59
07/05/2023 0245	-34	19	34	167	95	69.45
07/05/2023 0300	-32	23	35	171	95	70.76
07/05/2023 0315	-31	27	35	175	95	71.51
07/05/2023 0330	-30	30	35	179	95	71.71
07/05/2023 0345	-28	34	35	184	95	71.36
07/05/2023 0400	-26	37	35	188	95	70.48
07/05/2023 0415	-24	40	35	192	95	69.06
07/05/2023 0430	-22	43	34	196	94	67.13
07/05/2023 0445	-20	46	33	200	94	65.21
07/05/2023 0500	-17	49	32	203	94	62.5
07/05/2023 0515	-15	51	31	207	94	60.01
07/05/2023 0530	-12	54	29	210	94	61.61
07/05/2023 0545	-10	56	28	214	94	113.68
07/05/2023 0600	-7	58	26	217	94	1208.28
07/05/2023 0615	-4	60	24	220	94	25077.82
07/05/2023 0630	-1	62	22	223	94	306919.65
07/05/2023 0645	2	64	20	226	94	1810384.55
07/05/2023 0700	5	66	18	228	94	4303284.5
07/05/2023 0715	7	68	15	231	94	7583859.71
07/05/2023 0730	10	70	13	233	94	11530227.35
07/05/2023 0745	13	71	10	236	94	16078502.97
07/05/2023 0800	16	73	8	238	94	21058865.69
07/05/2023 0815	20	75	5	240	94	26445812.5

07/05/2023 0830	23	76	3	242	93	32264094.67
07/05/2023 0845	26	78	0	244	93	38396070.5
07/05/2023 0900	29	79	-3	246	93	44716048.01
07/05/2023 0915	32	81	-6	248	93	51185507.74
07/05/2023 0930	35	83	-9	249	93	57646729.77
07/05/2023 0945	38	84	-11	251	93	63811043.94
07/05/2023 1000	42	86	-14	253	93	69654213.88
07/05/2023 1015	45	88	-17	254	93	75509316.1
07/05/2023 1030	48	90	-20	256	93	81539117.42
07/05/2023 1045	51	92	-23	258	93	87459873.52
07/05/2023 1100	54	94	-26	259	93	93028434.62
07/05/2023 1115	58	96	-29	261	93	98288347.41
07/05/2023 1130	61	99	-32	263	93	102964983.9
07/05/2023 1145	64	102	-35	264	93	106537952.3
07/05/2023 1200	67	105	-38	266	93	109513583.1
07/05/2023 1215	70	110	-41	268	93	112950035.3
07/05/2023 1230	73	116	-44	270	92	116081562
07/05/2023 1245	76	123	-47	272	92	117567197
07/05/2023 1300	78	134	-50	274	92	118805864.6
07/05/2023 1315	80	149	-53	276	92	120676545.3
07/05/2023 1330	82	171	-56	279	92	121673014.8
07/05/2023 1345	81	194	-59	281	92	121570547.9
07/05/2023 1400	80	214	-62	285	92	120314117.8
07/05/2023 1415	78	229	-65	288	92	118470259.1
07/05/2023 1430	75	239	-68	293	92	117360523.4
07/05/2023 1445	73	246	-71	298	92	115553957.7
07/05/2023 1500	70	251	-73	305	92	112199897.5
07/05/2023 1515	66	255	-76	314	92	108878521.3
07/05/2023 1530	63	259	-77	325	92	105883206.9
07/05/2023 1545	60	262	-79	340	92	102072276
07/05/2023 1600	57	264	-79	358	92	97222205.1
07/05/2023 1615	54	267	-79	15	91	91895047.06
07/05/2023 1630	51	269	-78	31	91	86251429.49
07/05/2023 1645	47	271	-76	43	91	80275168.14
07/05/2023 1700	44	273	-74	52	91	74268351.08
07/05/2023 1715	41	274	-71	59	91	68442673.81
07/05/2023 1730	38	276	-68	65	91	62551290.63
07/05/2023 1745	35	278	-66	69	91	56305498.72
07/05/2023 1800	31	279	-63	73	91	49816128.29
07/05/2023 1815	28	281	-60	76	91	43370044.98
07/05/2023 1830	25	282	-57	79	91	37082699.93
07/05/2023 1845	22	284	-54	82	91	31000302.98
07/05/2023 1900	19	286	-51	84	91	25265472.49
07/05/2023 1915	16	287	-48	86	91	19966889.04
07/05/2023 1930	13	289	-44	88	91	15066717.13
07/05/2023 1945	10	291	-41	90	90	10629315.95
07/05/2023 2000	7	293	-38	92	90	6823673.95

07/05/2023 2015	4	294	-35	93	90	3686079.15
07/05/2023 2030	1	296	-32	95	90	1420171.52
07/05/2023 2045	-2	298	-29	97	90	191210.23
07/05/2023 2100	-5	300	-26	98	90	13139.6
07/05/2023 2115	-8	302	-23	100	90	588.6
07/05/2023 2130	-10	305	-20	101	90	36.63
07/05/2023 2145	-13	307	-17	103	90	5.23
07/05/2023 2200	-15	309	-14	105	90	1.78
07/05/2023 2215	-18	312	-11	106	90	1.17
07/05/2023 2230	-20	315	-8	108	90	0.5
07/05/2023 2245	-22	317	-5	110	90	0.51
07/05/2023 2300	-25	320	-2	111	89	0.67
07/05/2023 2315	-26	323	1	113	89	1.8
07/05/2023 2330	-28	327	4	115	89	3.83
07/05/2023 2345	-30	330	7	117	89	6.54
07/06/2023 0000	-32	334	9	119	89	9.69
07/06/2023 0015	-33	338	12	121	89	13.22
07/06/2023 0030	-34	342	15	123	89	16.97
07/06/2023 0045	-35	346	17	126	89	20.84
07/06/2023 0100	-36	350	20	128	89	24.79
07/06/2023 0115	-36	354	22	131	89	28.81
07/06/2023 0130	-36	358	25	134	89	32.81
07/06/2023 0145	-36	3	27	137	89	36.68
07/06/2023 0200	-36	7	29	140	89	40.37
07/06/2023 0215	-35	11	31	143	88	43.85
07/06/2023 0230	-35	15	33	146	88	47.07
07/06/2023 0245	-34	19	34	150	88	49.96
07/06/2023 0300	-33	23	36	154	88	52.46
07/06/2023 0315	-31	27	37	158	88	54.54
07/06/2023 0330	-30	30	38	162	88	56.22
07/06/2023 0345	-28	34	39	166	88	57.5
07/06/2023 0400	-26	37	40	171	88	58.38
07/06/2023 0415	-24	40	40	175	88	58.87
07/06/2023 0430	-22	43	41	180	88	58.97
07/06/2023 0445	-20	46	41	184	88	59.2
07/06/2023 0500	-17	49	40	189	88	58.73
07/06/2023 0515	-15	51	40	193	87	58.5
07/06/2023 0530	-12	54	39	198	87	62.04
07/06/2023 0545	-10	56	38	202	87	111.41
07/06/2023 0600	-7	58	37	206	87	1099.21
07/06/2023 0615	-4	60	35	210	87	22871.66
07/06/2023 0630	-1	62	34	214	87	287787.95
07/06/2023 0645	2	64	32	218	87	1753059.69
07/06/2023 0700	4	66	30	221	87	4218646.1
07/06/2023 0715	7	68	28	224	87	7483020.77
07/06/2023 0730	10	70	26	227	87	11413999.04
07/06/2023 0745	13	71	23	230	87	15951633.03

07/06/2023 0800	16	73	21	233	87	20924998.22
07/06/2023 0815	19	75	19	235	86	26303914.66
07/06/2023 0830	23	76	16	238	86	32115304.25
07/06/2023 0845	26	78	13	240	86	38244406.02
07/06/2023 0900	29	79	11	242	86	44563024.75
07/06/2023 0915	32	81	8	245	86	51032224.84
07/06/2023 0930	35	83	5	247	86	57499062.25
07/06/2023 0945	38	84	3	249	86	63673872.11
07/06/2023 1000	42	86	0	251	86	69522472.78
07/06/2023 1015	45	88	-3	253	86	75374476.03
07/06/2023 1030	48	90	-6	254	86	81402598.09
07/06/2023 1045	51	92	-9	256	86	87329632.21
07/06/2023 1100	54	94	-12	258	85	92905162.6
07/06/2023 1115	58	96	-15	260	85	98171258.26
07/06/2023 1130	61	99	-18	262	85	102866473
07/06/2023 1145	64	102	-21	263	85	106463161.5
07/06/2023 1200	67	106	-24	265	85	109434454.1
07/06/2023 1215	70	110	-27	267	85	112852096.1
07/06/2023 1230	73	116	-30	269	85	116010992.4
07/06/2023 1245	76	123	-33	271	85	117534277.3
07/06/2023 1300	78	134	-36	273	85	118732865.5
07/06/2023 1315	80	150	-40	275	85	120569920.8
07/06/2023 1330	81	170	-43	277	85	121595492.6
07/06/2023 1345	81	194	-46	279	85	121500583.2
07/06/2023 1400	80	214	-49	282	84	120248094.7
07/06/2023 1415	78	228	-51	285	84	118442594.6
07/06/2023 1430	75	238	-54	288	84	117348785.7
07/06/2023 1445	73	245	-57	291	84	115534704.5
07/06/2023 1500	70	251	-60	295	84	112183475.6
07/06/2023 1515	66	255	-63	300	84	108869563.8
07/06/2023 1530	63	259	-65	305	84	105876883.5
07/06/2023 1545	60	262	-67	311	84	102066674.9
07/06/2023 1600	57	264	-70	319	84	97217894.94
07/06/2023 1615	54	266	-71	328	84	91891878.77
07/06/2023 1630	51	269	-73	338	84	86248727.96
07/06/2023 1645	47	271	-74	350	83	80272399.47
07/06/2023 1700	44	272	-74	2	83	74265150.13
07/06/2023 1715	41	274	-73	14	83	68438602.4
07/06/2023 1730	38	276	-72	25	83	62545649.09
07/06/2023 1745	35	278	-71	34	83	56297648.1
07/06/2023 1800	31	279	-69	43	83	49805904.85
07/06/2023 1815	28	281	-66	49	83	43357466.13
07/06/2023 1830	25	282	-64	55	83	37067620.68
07/06/2023 1845	22	284	-61	60	83	30982829.26
07/06/2023 1900	19	286	-59	64	83	25246102.12
07/06/2023 1915	16	287	-56	68	82	19945814.16
07/06/2023 1930	13	289	-53	71	82	15044041.51

07/06/2023 1945	10	291	-50	74	82	10606187.8
07/06/2023 2000	7	292	-47	77	82	6801415.07
07/06/2023 2015	4	294	-44	79	82	3665723.58
07/06/2023 2030	1	296	-41	81	82	1406379.3
07/06/2023 2045	-2	298	-38	84	82	187132.96
07/06/2023 2100	-5	300	-35	86	82	12723.47
07/06/2023 2115	-8	302	-32	88	82	567.24
07/06/2023 2130	-10	304	-28	89	82	35.45
07/06/2023 2145	-13	307	-25	91	82	5.11
07/06/2023 2200	-15	309	-22	93	81	1.76
07/06/2023 2215	-18	312	-19	95	81	1.17
07/06/2023 2230	-20	314	-16	96	81	0.5
07/06/2023 2245	-22	317	-13	98	81	0.5
07/06/2023 2300	-25	320	-10	100	81	0.5
07/06/2023 2315	-27	323	-7	102	81	0.5
07/06/2023 2330	-28	327	-4	103	81	0.53
07/06/2023 2345	-30	330	0	105	81	0.96
07/07/2023 0000	-32	334	3	107	81	2.07
07/07/2023 0015	-33	338	5	109	81	3.91
07/07/2023 0030	-34	342	8	111	80	6.16
07/07/2023 0045	-35	346	11	113	80	8.75
07/07/2023 0100	-36	350	14	115	80	11.6
07/07/2023 0115	-36	354	17	117	80	14.58
07/07/2023 0130	-36	358	20	119	80	17.68
07/07/2023 0145	-36	3	22	122	80	20.89
07/07/2023 0200	-36	7	25	125	80	24.13
07/07/2023 0215	-36	11	28	127	80	27.31
07/07/2023 0230	-35	15	30	130	80	30.41
07/07/2023 0245	-34	19	33	133	80	33.4
07/07/2023 0300	-33	23	35	137	79	36.18
07/07/2023 0315	-31	27	37	140	79	38.7
07/07/2023 0330	-30	30	39	144	79	40.9
07/07/2023 0345	-28	34	41	148	79	42.82
07/07/2023 0400	-26	37	42	152	79	44.5
07/07/2023 0415	-24	40	44	157	79	45.93
07/07/2023 0430	-22	43	45	162	79	47.11
07/07/2023 0445	-20	46	46	166	79	48.53
07/07/2023 0500	-17	49	46	172	79	49.33
07/07/2023 0515	-15	51	47	177	79	50.37
07/07/2023 0530	-12	54	47	182	78	54.92
07/07/2023 0545	-10	56	47	187	78	101.04
07/07/2023 0600	-7	58	46	193	78	989.1
07/07/2023 0615	-4	60	46	198	78	20775.67
07/07/2023 0630	-2	62	45	202	78	269054.39
07/07/2023 0645	2	64	43	207	78	1695217.47
07/07/2023 0700	4	66	42	212	78	4132221.93
07/07/2023 0715	7	68	40	216	78	7379953.76

07/07/2023 0730	10	70	38	220	78	11295190.56
07/07/2023 0745	13	71	36	224	78	15821866.67
07/07/2023 0800	16	73	34	227	77	20788169.12
07/07/2023 0815	19	75	32	230	77	26159019.66
07/07/2023 0830	22	76	29	233	77	31963394.01
07/07/2023 0845	26	78	27	236	77	38089588.53
07/07/2023 0900	29	80	24	239	77	44406922.01
07/07/2023 0915	32	81	22	242	77	50875871.7
07/07/2023 0930	35	83	19	244	77	57348333.87
07/07/2023 0945	38	85	16	246	77	63533881.53
07/07/2023 1000	41	86	13	249	77	69388264.83
07/07/2023 1015	45	88	10	251	77	75237236.72
07/07/2023 1030	48	90	7	253	76	81263465.64
07/07/2023 1045	51	92	5	255	76	87196710.41
07/07/2023 1100	54	94	2	257	76	92779338.97
07/07/2023 1115	58	96	-2	259	76	98051505.08
07/07/2023 1130	61	99	-5	261	76	102765160.5
07/07/2023 1145	64	102	-8	263	76	106386216.5
07/07/2023 1200	67	106	-11	265	76	109353790.1
07/07/2023 1215	70	110	-14	266	76	112751373.6
07/07/2023 1230	73	116	-17	268	76	115936445.2
07/07/2023 1245	76	124	-20	270	75	117499934.3
07/07/2023 1300	78	134	-23	272	75	118659470.8
07/07/2023 1315	80	150	-26	274	75	120457388.8
07/07/2023 1330	81	170	-29	276	75	121508770.2
07/07/2023 1345	81	193	-32	279	75	121421962.7
07/07/2023 1400	80	213	-35	281	75	120175091.6
07/07/2023 1415	78	228	-38	283	75	118411551.8
07/07/2023 1430	75	238	-41	286	75	117334699.3
07/07/2023 1445	72	245	-44	289	75	115510419.3
07/07/2023 1500	70	251	-47	292	75	112161334.5
07/07/2023 1515	66	255	-49	295	74	108856239.9
07/07/2023 1530	63	258	-52	298	74	105866117.4
07/07/2023 1545	60	261	-55	302	74	102055305.1
07/07/2023 1600	57	264	-57	307	74	97207055.54
07/07/2023 1615	54	266	-59	312	74	91881960.51
07/07/2023 1630	51	268	-62	318	74	86238933.18
07/07/2023 1645	47	270	-63	324	74	80262323.2
07/07/2023 1700	44	272	-65	332	74	74254835.45
07/07/2023 1715	41	274	-66	340	74	68427543.89
07/07/2023 1730	38	276	-67	348	73	62532657
07/07/2023 1745	35	277	-67	357	73	56281919.27
07/07/2023 1800	31	279	-67	6	73	49787587.26
07/07/2023 1815	28	281	-66	15	73	43336830.78
07/07/2023 1830	25	282	-65	24	73	37044548.72
07/07/2023 1845	22	284	-64	31	73	30957540
07/07/2023 1900	19	285	-62	38	73	25219296.82

07/07/2023 1915	16	287	-60	44	73	19917694.14
07/07/2023 1930	13	289	-58	49	73	15014686.12
07/07/2023 1945	10	291	-55	54	73	10577001.49
07/07/2023 2000	7	292	-53	58	72	6773923.08
07/07/2023 2015	4	294	-50	62	72	3641057.39
07/07/2023 2030	1	296	-47	65	72	1390005.79
07/07/2023 2045	-2	298	-44	68	72	182413.97
07/07/2023 2100	-5	300	-42	71	72	12253.89
07/07/2023 2115	-8	302	-39	73	72	543.57
07/07/2023 2130	-10	304	-36	76	72	34.16
07/07/2023 2145	-13	307	-33	78	72	4.98
07/07/2023 2200	-15	309	-30	80	72	1.74
07/07/2023 2215	-18	312	-26	82	71	1.16
07/07/2023 2230	-20	314	-23	84	71	0.5
07/07/2023 2245	-23	317	-20	86	71	0.5
07/07/2023 2300	-25	320	-17	88	71	0.5
07/07/2023 2315	-27	323	-14	90	71	0.5
07/07/2023 2330	-28	327	-11	92	71	0.5
07/07/2023 2345	-30	330	-8	93	71	0.5
07/08/2023 0000	-32	334	-5	95	71	0.51
07/08/2023 0015	-33	337	-1	97	71	0.63
07/08/2023 0030	-34	341	2	99	70	1.39
07/08/2023 0045	-35	345	5	101	70	2.65
07/08/2023 0100	-36	350	8	103	70	4.25
07/08/2023 0115	-36	354	11	105	70	6.13
07/08/2023 0130	-36	358	14	107	70	8.23
07/08/2023 0145	-36	2	17	109	70	10.46
07/08/2023 0200	-36	7	20	111	70	12.8
07/08/2023 0215	-36	11	23	113	70	15.25
07/08/2023 0230	-35	15	26	115	70	17.74
07/08/2023 0245	-34	19	29	118	69	20.22
07/08/2023 0300	-33	23	31	121	69	22.67
07/08/2023 0315	-31	27	34	124	69	25.04
07/08/2023 0330	-30	30	37	127	69	27.24
07/08/2023 0345	-28	34	39	130	69	29.22
07/08/2023 0400	-26	37	42	134	69	31.01
07/08/2023 0415	-24	40	44	138	69	32.68
07/08/2023 0430	-22	43	46	142	69	34.25
07/08/2023 0445	-20	46	48	147	69	36.19
07/08/2023 0500	-18	49	50	151	68	37.6
07/08/2023 0515	-15	51	51	157	68	39.32
07/08/2023 0530	-13	54	52	162	68	44.34
07/08/2023 0545	-10	56	53	168	68	87.02
07/08/2023 0600	-7	58	54	174	68	882.62
07/08/2023 0615	-4	60	54	180	68	18798.72
07/08/2023 0630	-2	62	54	187	68	250793.71
07/08/2023 0645	2	64	53	193	68	1637018.88

07/08/2023 0700	4	66	52	199	68	4044141.48
07/08/2023 0715	7	68	51	204	67	7274777.07
07/08/2023 0730	10	70	50	210	67	11173929.5
07/08/2023 0745	13	71	48	215	67	15689322.69
07/08/2023 0800	16	73	46	219	67	20648493.12
07/08/2023 0815	19	75	44	224	67	26011248.71
07/08/2023 0830	22	76	42	228	67	31808483.28
07/08/2023 0845	26	78	40	232	67	37931727.31
07/08/2023 0900	29	80	37	235	67	44247843.75
07/08/2023 0915	32	81	35	238	67	50716545.63
07/08/2023 0930	35	83	32	241	66	57194622.55
07/08/2023 0945	38	85	29	244	66	63391131.16
07/08/2023 1000	41	86	27	247	66	69251651.79
07/08/2023 1015	45	88	24	249	66	75097672.36
07/08/2023 1030	48	90	21	252	66	81121788.57
07/08/2023 1045	51	92	18	254	66	87061157.08
07/08/2023 1100	54	94	15	256	66	92651006.36
07/08/2023 1115	57	97	12	258	66	97929122.97
07/08/2023 1130	61	99	9	260	65	102661038.3
07/08/2023 1145	64	102	6	262	65	106307084.1
07/08/2023 1200	67	106	3	264	65	109271621.7
07/08/2023 1215	70	110	0	266	65	112647918.3
07/08/2023 1230	73	116	-3	268	65	115857779.8
07/08/2023 1245	76	124	-6	270	65	117464006.4
07/08/2023 1300	78	135	-9	272	65	118586006.9
07/08/2023 1315	80	150	-13	274	65	120339298.2
07/08/2023 1330	81	170	-16	276	65	121412489.9
07/08/2023 1345	81	193	-19	278	64	121334277.4
07/08/2023 1400	80	213	-22	280	64	120095219.4
07/08/2023 1415	78	227	-25	282	64	118377304
07/08/2023 1430	75	237	-28	284	64	117318152.5
07/08/2023 1445	72	245	-31	287	64	115480914.9
07/08/2023 1500	69	250	-33	289	64	112133353.7
07/08/2023 1515	66	255	-36	292	64	108838458
07/08/2023 1530	63	258	-39	295	64	105850793.3
07/08/2023 1545	60	261	-42	298	64	102038024.8
07/08/2023 1600	57	264	-44	301	63	97189539.54
07/08/2023 1615	54	266	-47	305	63	91865146.45
07/08/2023 1630	51	268	-49	309	63	86221897.76
07/08/2023 1645	47	270	-52	313	63	80244796.41
07/08/2023 1700	44	272	-54	318	63	74237276.22
07/08/2023 1715	41	274	-56	323	63	68409374.59
07/08/2023 1730	38	276	-57	329	63	62512188.68
07/08/2023 1745	35	277	-59	335	63	56258186.17
07/08/2023 1800	31	279	-60	342	63	49761056.84
07/08/2023 1815	28	280	-60	349	62	43308029.71
07/08/2023 1830	25	282	-61	356	62	37013383.8

07/08/2023 1845	22	284	-61	4	62	30924347.48
07/08/2023 1900	19	285	-60	11	62	25184982.88
07/08/2023 1915	16	287	-59	18	62	19882465.52
07/08/2023 1930	13	289	-58	24	62	14978599.93
07/08/2023 1945	10	290	-57	30	62	10541724.89
07/08/2023 2000	7	292	-55	36	62	6741180.18
07/08/2023 2015	4	294	-53	41	61	3612084.85
07/08/2023 2030	1	296	-51	45	61	1371099.73
07/08/2023 2045	-2	298	-48	50	61	177093.36
07/08/2023 2100	-5	300	-46	54	61	11737.15
07/08/2023 2115	-8	302	-43	57	61	517.96
07/08/2023 2130	-10	304	-41	60	61	32.77
07/08/2023 2145	-13	307	-38	63	61	4.84
07/08/2023 2200	-16	309	-35	66	61	1.71
07/08/2023 2215	-18	312	-32	69	61	1.16
07/08/2023 2230	-20	314	-29	71	60	0.5
07/08/2023 2245	-23	317	-26	73	60	0.5
07/08/2023 2300	-25	320	-23	76	60	0.5
07/08/2023 2315	-27	323	-20	78	60	0.5
07/08/2023 2330	-29	327	-17	80	60	0.5
07/08/2023 2345	-30	330	-14	82	60	0.5
07/09/2023 0000	-32	334	-11	84	60	0.5
07/09/2023 0015	-33	337	-8	85	60	0.5
07/09/2023 0030	-34	341	-5	87	60	0.5
07/09/2023 0045	-35	345	-2	89	59	0.58
07/09/2023 0100	-36	350	2	91	59	1.07
07/09/2023 0115	-36	354	5	93	59	1.93
07/09/2023 0130	-37	358	8	95	59	3.04
07/09/2023 0145	-37	2	11	96	59	4.35
07/09/2023 0200	-36	7	14	98	59	5.83
07/09/2023 0215	-36	11	17	100	59	7.41
07/09/2023 0230	-35	15	20	102	59	9.08
07/09/2023 0245	-34	19	23	104	58	10.84
07/09/2023 0300	-33	23	26	107	58	12.64
07/09/2023 0315	-32	27	29	109	58	14.45
07/09/2023 0330	-30	31	32	111	58	16.24
07/09/2023 0345	-28	34	35	114	58	17.98
07/09/2023 0400	-26	37	38	117	58	19.58
07/09/2023 0415	-24	40	41	120	58	21.04
07/09/2023 0430	-22	43	44	123	58	22.43
07/09/2023 0445	-20	46	46	127	58	23.79
07/09/2023 0500	-18	49	49	131	57	25.77
07/09/2023 0515	-15	51	51	135	57	27.61
07/09/2023 0530	-13	54	53	140	57	32.58
07/09/2023 0545	-10	56	55	146	57	71.62
07/09/2023 0600	-7	58	57	151	57	781.83
07/09/2023 0615	-5	60	59	158	57	16945.42

07/09/2023 0630	-2	62	60	165	57	233072.24
07/09/2023 0645	1	64	60	172	57	1578624.7
07/09/2023 0700	4	66	61	179	57	3954538.26
07/09/2023 0715	7	68	61	187	56	7167612.44
07/09/2023 0730	10	70	60	194	56	11050349.44
07/09/2023 0745	13	72	59	201	56	15554127.72
07/09/2023 0800	16	73	58	208	56	20506092.94
07/09/2023 0815	19	75	56	214	56	25860731.37
07/09/2023 0830	22	77	54	220	56	31650700.07
07/09/2023 0845	25	78	52	225	56	37770940.21
07/09/2023 0900	29	80	50	229	56	44085902.75
07/09/2023 0915	32	81	48	234	55	50554353.89
07/09/2023 0930	35	83	45	238	55	57038016.67
07/09/2023 0945	38	85	43	241	55	63245689.11
07/09/2023 1000	41	86	40	244	55	69112700.64
07/09/2023 1015	45	88	37	247	55	74955857.56
07/09/2023 1030	48	90	34	250	55	80977630.65
07/09/2023 1045	51	92	31	253	55	86923011.52
07/09/2023 1100	54	94	28	255	55	92520194.53
07/09/2023 1115	57	97	25	257	55	97804135.53
07/09/2023 1130	61	99	22	260	54	102554091.7
07/09/2023 1145	64	103	19	262	54	106225724.8
07/09/2023 1200	67	106	16	264	54	109187976
07/09/2023 1215	70	111	13	266	54	112541787.3
07/09/2023 1230	73	116	10	268	54	115774859.7
07/09/2023 1245	76	124	7	270	54	117426306.4
07/09/2023 1300	78	135	4	272	54	118512790.5
07/09/2023 1315	80	150	1	274	54	120216089.2
07/09/2023 1330	81	170	-3	275	54	121306414.1
07/09/2023 1345	81	193	-6	277	53	121237205.3
07/09/2023 1400	80	212	-9	279	53	120008659.1
07/09/2023 1415	78	227	-12	281	53	118340054.3
07/09/2023 1430	75	237	-15	284	53	117299015.5
07/09/2023 1445	72	244	-18	286	53	115445986.9
07/09/2023 1500	69	250	-20	288	53	112099416.3
07/09/2023 1515	66	254	-23	290	53	108816129.7
07/09/2023 1530	63	258	-26	293	53	105830789
07/09/2023 1545	60	261	-29	295	52	102014684.2
07/09/2023 1600	57	263	-32	298	52	97165196.08
07/09/2023 1615	54	266	-34	301	52	91841287.89
07/09/2023 1630	51	268	-37	304	52	86197471.16
07/09/2023 1645	47	270	-39	307	52	80219674.87
07/09/2023 1700	44	272	-42	311	52	74212341.69
07/09/2023 1715	41	274	-44	315	52	68383969.74
07/09/2023 1730	38	275	-46	319	52	62484115.91
07/09/2023 1745	35	277	-48	323	52	56226321.04
07/09/2023 1800	31	279	-50	328	51	49726195.03

07/09/2023 1815	28	280	-51	333	51	43270954.57
07/09/2023 1830	25	282	-52	339	51	36974026.95
07/09/2023 1845	22	284	-53	344	51	30883166.47
07/09/2023 1900	19	285	-54	350	51	25143089.8
07/09/2023 1915	16	287	-54	356	51	19840067.9
07/09/2023 1930	13	289	-54	2	51	14935735.72
07/09/2023 1945	10	290	-54	8	51	10500331.34
07/09/2023 2000	7	292	-53	14	51	6703174.19
07/09/2023 2015	4	294	-52	20	50	3578818.02
07/09/2023 2030	1	296	-51	25	50	1349721.86
07/09/2023 2045	-2	298	-49	30	50	171217.22
07/09/2023 2100	-5	300	-48	35	50	11180.11
07/09/2023 2115	-8	302	-46	39	50	490.78
07/09/2023 2130	-10	304	-44	43	50	31.3
07/09/2023 2145	-13	306	-41	47	50	4.69
07/09/2023 2200	-16	309	-39	51	50	1.68
07/09/2023 2215	-18	311	-36	54	49	1.15
07/09/2023 2230	-20	314	-34	57	49	0.5
07/09/2023 2245	-23	317	-31	60	49	0.5
07/09/2023 2300	-25	320	-28	62	49	0.5
07/09/2023 2315	-27	323	-26	65	49	0.5
07/09/2023 2330	-29	326	-23	67	49	0.5
07/09/2023 2345	-30	330	-20	70	49	0.5
07/10/2023 0000	-32	334	-17	72	49	0.5
07/10/2023 0015	-33	337	-14	74	49	0.5
07/10/2023 0030	-34	341	-11	76	48	0.5
07/10/2023 0045	-35	345	-8	78	48	0.5
07/10/2023 0100	-36	350	-5	80	48	0.5
07/10/2023 0115	-36	354	-2	81	48	0.55
07/10/2023 0130	-37	358	2	83	48	0.87
07/10/2023 0145	-37	2	5	85	48	1.42
07/10/2023 0200	-36	7	8	87	48	2.14
07/10/2023 0215	-36	11	11	89	48	3
07/10/2023 0230	-35	15	14	90	48	3.97
07/10/2023 0245	-34	19	17	92	47	5.01
07/10/2023 0300	-33	23	20	94	47	6.12
07/10/2023 0315	-32	27	24	96	47	7.3
07/10/2023 0330	-30	31	27	98	47	8.5
07/10/2023 0345	-28	34	30	100	47	9.72
07/10/2023 0400	-27	37	33	102	47	10.93
07/10/2023 0415	-25	40	36	105	47	12.11
07/10/2023 0430	-22	43	39	107	47	13.2
07/10/2023 0445	-20	46	42	110	46	14.21
07/10/2023 0500	-18	49	45	113	46	15.87
07/10/2023 0515	-15	51	48	116	46	17.49
07/10/2023 0530	-13	54	51	119	46	22.07
07/10/2023 0545	-10	56	54	123	46	57.41

07/10/2023 0600	-7	58	56	128	46	689.22
07/10/2023 0615	-5	61	59	133	46	15219.46
07/10/2023 0630	-2	63	61	138	46	215950.42
07/10/2023 0645	1	64	63	145	46	1520196.96
07/10/2023 0700	4	66	65	152	45	3863550.58
07/10/2023 0715	7	68	66	160	45	7058583.45
07/10/2023 0730	10	70	67	169	45	10924586.14
07/10/2023 0745	13	72	67	178	45	15416410.74
07/10/2023 0800	16	73	67	188	45	20361092.99
07/10/2023 0815	19	75	66	197	45	25707599.55
07/10/2023 0830	22	77	65	205	45	31490176.6
07/10/2023 0845	25	78	64	213	45	37607350.7
07/10/2023 0900	29	80	62	220	45	43921218.46
07/10/2023 0915	32	82	60	226	44	50389411.76
07/10/2023 0930	35	83	58	232	44	56878613.17
07/10/2023 0945	38	85	55	236	44	63097630.79
07/10/2023 1000	41	87	52	241	44	68971484.55
07/10/2023 1015	44	88	50	244	44	74811873.76
07/10/2023 1030	48	90	47	248	44	80831063.74
07/10/2023 1045	51	92	44	251	44	86782320.66
07/10/2023 1100	54	95	41	254	44	92386939.18
07/10/2023 1115	57	97	38	256	44	97676570.61
07/10/2023 1130	60	100	35	259	43	102444305.4
07/10/2023 1145	64	103	32	261	43	106142091.6
07/10/2023 1200	67	106	29	263	43	109102869.2
07/10/2023 1215	70	111	26	265	43	112433035
07/10/2023 1230	73	117	23	267	43	115687546.2
07/10/2023 1245	75	124	20	269	43	117386616.8
07/10/2023 1300	78	135	16	271	43	118440122.3
07/10/2023 1315	80	150	13	273	43	120088296.7
07/10/2023 1330	81	170	10	275	43	121190450.4
07/10/2023 1345	81	192	7	277	42	121130538.2
07/10/2023 1400	80	212	4	279	42	119915673.3
07/10/2023 1415	78	226	1	281	42	118300032.6
07/10/2023 1430	75	236	-2	283	42	117277137.1
07/10/2023 1445	72	244	-5	285	42	115405413.7
07/10/2023 1500	69	249	-8	287	42	112059410.1
07/10/2023 1515	66	254	-11	289	42	108789169.6
07/10/2023 1530	63	258	-14	291	42	105805975.1
07/10/2023 1545	60	261	-17	293	42	101985126.1
07/10/2023 1600	57	263	-19	295	41	97133870.56
07/10/2023 1615	54	266	-22	298	41	91810232.97
07/10/2023 1630	51	268	-25	300	41	86165499.39
07/10/2023 1645	47	270	-27	303	41	80186812.81
07/10/2023 1700	44	272	-30	306	41	74179900.99
07/10/2023 1715	41	274	-32	309	41	68351203.03
07/10/2023 1730	38	275	-34	312	41	62448307.44

07/10/2023 1745	35	277	-37	316	41	56186194.03
07/10/2023 1800	31	279	-39	319	41	49682883.04
07/10/2023 1815	28	280	-41	323	40	43225497.47
07/10/2023 1830	25	282	-42	327	40	36926380.1
07/10/2023 1845	22	283	-44	332	40	30833913.82
07/10/2023 1900	19	285	-45	336	40	25093550.03
07/10/2023 1915	16	287	-46	341	40	19790443.62
07/10/2023 1930	13	288	-47	346	40	14886049.94
07/10/2023 1945	10	290	-48	351	40	10452799.49
07/10/2023 2000	7	292	-48	356	40	6659898.39
07/10/2023 2015	4	294	-48	1	40	3541277
07/10/2023 2030	1	296	-48	7	39	1325945
07/10/2023 2045	-2	298	-47	12	39	164837.03
07/10/2023 2100	-5	300	-46	17	39	10590.02
07/10/2023 2115	-8	302	-45	22	39	462.42
07/10/2023 2130	-10	304	-44	26	39	29.77
07/10/2023 2145	-13	306	-42	30	39	4.54
07/10/2023 2200	-16	309	-41	35	39	1.66
07/10/2023 2215	-18	311	-39	38	39	1.15
07/10/2023 2230	-20	314	-37	42	39	0.5
07/10/2023 2245	-23	317	-35	45	38	0.5
07/10/2023 2300	-25	320	-32	49	38	0.5
07/10/2023 2315	-27	323	-30	52	38	0.5
07/10/2023 2330	-29	326	-27	54	38	0.5
07/10/2023 2345	-30	330	-25	57	38	0.5
07/11/2023 0000	-32	333	-22	60	38	0.5
07/11/2023 0015	-33	337	-19	62	38	0.5
07/11/2023 0030	-34	341	-17	64	38	0.5
07/11/2023 0045	-35	345	-14	66	38	0.5
07/11/2023 0100	-36	349	-11	68	37	0.5
07/11/2023 0115	-37	354	-8	70	37	0.5
07/11/2023 0130	-37	358	-5	72	37	0.5
07/11/2023 0145	-37	2	-2	74	37	0.53
07/11/2023 0200	-37	7	2	76	37	0.71
07/11/2023 0215	-36	11	4	78	37	1.03
07/11/2023 0230	-35	15	7	80	37	1.45
07/11/2023 0245	-34	19	11	81	37	1.96
07/11/2023 0300	-33	23	14	83	37	2.54
07/11/2023 0315	-32	27	17	85	37	3.17
07/11/2023 0330	-30	31	20	86	36	3.84
07/11/2023 0345	-29	34	23	88	36	4.55
07/11/2023 0400	-27	37	26	90	36	5.29
07/11/2023 0415	-25	40	29	92	36	6.04
07/11/2023 0430	-23	43	32	94	36	6.79
07/11/2023 0445	-20	46	36	96	36	7.52
07/11/2023 0500	-18	49	39	98	36	8.87
07/11/2023 0515	-15	52	42	100	36	10.09

07/11/2023 0530	-13	54	45	102	36	14.09
07/11/2023 0545	-10	56	48	105	35	45.83
07/11/2023 0600	-8	58	51	108	35	606.12
07/11/2023 0615	-5	61	54	111	35	13621.99
07/11/2023 0630	-2	63	57	115	35	199480.81
07/11/2023 0645	1	65	60	119	35	1461897.31
07/11/2023 0700	4	66	63	124	35	3771322.11
07/11/2023 0715	7	68	65	129	35	6947817.31
07/11/2023 0730	10	70	68	136	35	10796780.62
07/11/2023 0745	13	72	70	144	35	15276307.33
07/11/2023 0800	16	73	71	153	34	20213623.8
07/11/2023 0815	19	75	73	164	34	25551991.18
07/11/2023 0830	22	77	73	176	34	31327051.14
07/11/2023 0845	25	78	73	189	34	37441087.31
07/11/2023 0900	28	80	72	201	34	43753914.05
07/11/2023 0915	32	82	71	211	34	50221837.99
07/11/2023 0930	35	83	69	220	34	56716512.85
07/11/2023 0945	38	85	67	228	34	62947035.26
07/11/2023 1000	41	87	65	234	34	68828080.18
07/11/2023 1015	44	89	62	240	34	74665807.02
07/11/2023 1030	48	91	59	244	33	80682165.74
07/11/2023 1045	51	93	56	248	33	86639137.04
07/11/2023 1100	54	95	54	252	33	92251280.38
07/11/2023 1115	57	97	51	255	33	97546461.14
07/11/2023 1130	60	100	48	258	33	102331670.4
07/11/2023 1145	64	103	44	260	33	106056139.3
07/11/2023 1200	67	107	41	263	33	109016318.4
07/11/2023 1215	70	111	38	265	33	112321725.3
07/11/2023 1230	73	117	35	267	33	115595707.8
07/11/2023 1245	75	125	32	269	33	117344689.7
07/11/2023 1300	78	135	29	271	32	118368275.6
07/11/2023 1315	80	150	26	273	32	119956541.6
07/11/2023 1330	81	170	23	275	32	121064667.3
07/11/2023 1345	81	192	20	276	32	121014203.9
07/11/2023 1400	80	211	17	278	32	119816613.2
07/11/2023 1415	78	226	14	280	32	118257492
07/11/2023 1430	75	236	11	282	32	117252342
07/11/2023 1445	72	243	8	284	32	115358957.5
07/11/2023 1500	69	249	5	285	32	112013229
07/11/2023 1515	66	254	2	287	31	108757495.3
07/11/2023 1530	63	257	-1	289	31	105776213.8
07/11/2023 1545	60	260	-4	291	31	101949184.8
07/11/2023 1600	57	263	-7	293	31	97095404.37
07/11/2023 1615	54	265	-10	295	31	91771826.23
07/11/2023 1630	51	268	-13	297	31	86125824.46
07/11/2023 1645	47	270	-15	300	31	80146062.52
07/11/2023 1700	44	272	-18	302	31	74139822.67

07/11/2023 1715	41	273	-21	305	31	68310946.14
07/11/2023 1730	38	275	-23	307	31	62404628.37
07/11/2023 1745	34	277	-25	310	30	56137672.53
07/11/2023 1800	31	278	-28	313	30	49631001.25
07/11/2023 1815	28	280	-30	316	30	43171550.39
07/11/2023 1830	25	282	-32	319	30	36870345.49
07/11/2023 1845	22	283	-34	323	30	30776508.03
07/11/2023 1900	19	285	-36	326	30	25036298.44
07/11/2023 1915	16	287	-37	330	30	19733537.34
07/11/2023 1930	13	288	-39	334	30	14829502.25
07/11/2023 1945	10	290	-40	338	30	10399112.99
07/11/2023 2000	7	292	-41	342	30	6611351.25
07/11/2023 2015	4	294	-42	347	29	3499490
07/11/2023 2030	1	296	-42	351	29	1299853.98
07/11/2023 2045	-2	297	-42	356	29	158009.1
07/11/2023 2100	-5	300	-42	1	29	9974.44
07/11/2023 2115	-8	302	-42	5	29	433.27
07/11/2023 2130	-11	304	-42	10	29	28.19
07/11/2023 2145	-13	306	-41	14	29	4.38
07/11/2023 2200	-16	309	-40	19	29	1.63
07/11/2023 2215	-18	311	-39	23	29	1.14
07/11/2023 2230	-21	314	-38	27	29	0.5
07/11/2023 2245	-23	317	-36	31	28	0.5
07/11/2023 2300	-25	320	-34	34	28	0.5
07/11/2023 2315	-27	323	-33	38	28	0.5
07/11/2023 2330	-29	326	-31	41	28	0.5
07/11/2023 2345	-31	330	-28	44	28	0.5
07/12/2023 0000	-32	333	-26	47	28	0.5
07/12/2023 0015	-33	337	-24	50	28	0.5
07/12/2023 0030	-35	341	-21	52	28	0.5
07/12/2023 0045	-35	345	-19	55	28	0.5
07/12/2023 0100	-36	349	-16	57	28	0.5
07/12/2023 0115	-37	354	-14	59	28	0.5
07/12/2023 0130	-37	358	-11	62	27	0.5
07/12/2023 0145	-37	2	-8	64	27	0.5
07/12/2023 0200	-37	7	-5	66	27	0.5
07/12/2023 0215	-36	11	-2	68	27	0.51
07/12/2023 0230	-35	15	1	69	27	0.59
07/12/2023 0245	-34	19	4	71	27	0.74
07/12/2023 0300	-33	23	7	73	27	0.96
07/12/2023 0315	-32	27	10	75	27	1.23
07/12/2023 0330	-30	31	13	76	27	1.53
07/12/2023 0345	-29	34	16	78	27	1.87
07/12/2023 0400	-27	37	19	79	26	2.23
07/12/2023 0415	-25	41	22	81	26	2.61
07/12/2023 0430	-23	44	25	83	26	3.01
07/12/2023 0445	-20	46	28	84	26	3.42

07/12/2023 0500	-18	49	31	86	26	4.48
07/12/2023 0515	-16	52	34	88	26	5.44
07/12/2023 0530	-13	54	37	90	26	8.93
07/12/2023 0545	-10	56	41	91	26	37.3
07/12/2023 0600	-8	59	44	93	26	532.72
07/12/2023 0615	-5	61	47	95	26	12151.75
07/12/2023 0630	-2	63	50	98	25	183707.47
07/12/2023 0645	1	65	53	100	25	1403884.69
07/12/2023 0700	4	67	56	103	25	3677999.79
07/12/2023 0715	7	68	59	106	25	6835442.16
07/12/2023 0730	10	70	62	109	25	10667075.82
07/12/2023 0745	13	72	65	113	25	15133955.86
07/12/2023 0800	16	74	68	118	25	20063818.09
07/12/2023 0815	19	75	71	124	25	25394046.63
07/12/2023 0830	22	77	73	132	25	31161465.74
07/12/2023 0845	25	79	76	143	25	37272283.12
07/12/2023 0900	28	80	77	156	25	43584117.63
07/12/2023 0915	32	82	78	171	24	50051757.12
07/12/2023 0930	35	83	78	189	24	56551822.74
07/12/2023 0945	38	85	77	205	24	62793986.41
07/12/2023 1000	41	87	76	218	24	68682566.79
07/12/2023 1015	44	89	74	228	24	74517745.37
07/12/2023 1030	48	91	71	237	24	80531017.02
07/12/2023 1045	51	93	69	243	24	86493515.48
07/12/2023 1100	54	95	66	248	24	92113260.05
07/12/2023 1115	57	97	63	252	24	97413843.26
07/12/2023 1130	60	100	60	256	24	102216181.3
07/12/2023 1145	63	103	57	259	24	105967823.2
07/12/2023 1200	67	107	54	262	23	108928338.7
07/12/2023 1215	70	112	51	264	23	112207930.2
07/12/2023 1230	72	117	47	266	23	115499222.7
07/12/2023 1245	75	125	44	268	23	117300252.4
07/12/2023 1300	78	136	41	270	23	118297496
07/12/2023 1315	80	150	38	272	23	119821534.3
07/12/2023 1330	81	170	35	274	23	120929317.5
07/12/2023 1345	81	192	32	276	23	120888291.2
07/12/2023 1400	80	211	29	277	23	119711924.5
07/12/2023 1415	78	225	26	279	23	118212699.5
07/12/2023 1430	75	235	23	281	23	117224423.2
07/12/2023 1445	72	243	20	282	22	115306362.8
07/12/2023 1500	69	249	17	284	22	111960773.2
07/12/2023 1515	66	253	14	286	22	108721027.6
07/12/2023 1530	63	257	11	287	22	105741359.4
07/12/2023 1545	60	260	8	289	22	101906686.3
07/12/2023 1600	57	263	5	291	22	97049634.91
07/12/2023 1615	54	265	2	293	22	91725908.45
07/12/2023 1630	50	267	-1	295	22	86078284.14

07/12/2023 1645	47	269	-4	297	22	80097274.12
07/12/2023 1700	44	271	-6	299	22	74091974.48
07/12/2023 1715	41	273	-9	301	22	68263068.26
07/12/2023 1730	38	275	-12	303	21	62352939.61
07/12/2023 1745	34	277	-14	305	21	56080620.75
07/12/2023 1800	31	278	-17	308	21	49570428.77
07/12/2023 1815	28	280	-19	310	21	43109004.76
07/12/2023 1830	25	282	-21	313	21	36805825.24
07/12/2023 1845	22	283	-24	315	21	30710868.84
07/12/2023 1900	19	285	-26	318	21	24971271.94
07/12/2023 1915	16	286	-28	321	21	19669295.54
07/12/2023 1930	13	288	-29	325	21	14766055.25
07/12/2023 1945	10	290	-31	328	21	10339260.22
07/12/2023 2000	7	292	-33	331	21	6557536.08
07/12/2023 2015	4	294	-34	335	21	3453493.45
07/12/2023 2030	1	295	-35	339	20	1271545.49
07/12/2023 2045	-2	297	-36	343	20	150793.86
07/12/2023 2100	-5	299	-37	347	20	9340.98
07/12/2023 2115	-8	302	-37	351	20	403.71
07/12/2023 2130	-11	304	-38	355	20	26.59
07/12/2023 2145	-13	306	-38	359	20	4.21
07/12/2023 2200	-16	308	-38	4	20	1.6
07/12/2023 2215	-18	311	-37	8	20	1.13
07/12/2023 2230	-21	314	-37	12	20	0.5
07/12/2023 2245	-23	317	-36	16	20	0.5
07/12/2023 2300	-25	320	-35	20	20	0.5
07/12/2023 2315	-27	323	-34	24	19	0.5
07/12/2023 2330	-29	326	-33	27	19	0.5
07/12/2023 2345	-31	330	-31	31	19	0.5
07/13/2023 0000	-32	333	-29	34	19	0.5
07/13/2023 0015	-34	337	-27	37	19	0.5
07/13/2023 0030	-35	341	-26	40	19	0.5
07/13/2023 0045	-36	345	-23	43	19	0.5
07/13/2023 0100	-36	349	-21	46	19	0.5
07/13/2023 0115	-37	354	-19	48	19	0.5
07/13/2023 0130	-37	358	-17	51	19	0.5
07/13/2023 0145	-37	2	-14	53	19	0.5
07/13/2023 0200	-37	7	-12	55	19	0.5
07/13/2023 0215	-36	11	-9	57	18	0.5
07/13/2023 0230	-36	15	-6	60	18	0.5
07/13/2023 0245	-35	19	-4	61	18	0.5
07/13/2023 0300	-33	23	-1	63	18	0.52
07/13/2023 0315	-32	27	2	65	18	0.58
07/13/2023 0330	-31	31	5	67	18	0.67
07/13/2023 0345	-29	34	8	69	18	0.78
07/13/2023 0400	-27	37	11	70	18	0.92
07/13/2023 0415	-25	41	14	72	18	1.07

07/13/2023 0430	-23	44	17	73	18	1.23
07/13/2023 0445	-21	46	20	75	18	1.4
07/13/2023 0500	-18	49	23	76	18	2.23
07/13/2023 0515	-16	52	26	78	18	2.93
07/13/2023 0530	-13	54	29	79	17	5.98
07/13/2023 0545	-10	56	32	81	17	31.36
07/13/2023 0600	-8	59	35	83	17	468.37
07/13/2023 0615	-5	61	38	84	17	10805.49
07/13/2023 0630	-2	63	41	86	17	168666.1
07/13/2023 0645	1	65	44	87	17	1346315.06
07/13/2023 0700	4	67	48	89	17	3583735.02
07/13/2023 0715	7	68	51	91	17	6721587.96
07/13/2023 0730	10	70	54	93	17	10535617.37
07/13/2023 0745	13	72	57	95	17	14989498.92
07/13/2023 0800	16	74	60	97	17	19911812.49
07/13/2023 0815	19	75	63	100	17	25233910.01
07/13/2023 0830	22	77	66	103	16	30993566.67
07/13/2023 0845	25	79	69	107	16	37101075.27
07/13/2023 0900	28	80	72	112	16	43411960.67
07/13/2023 0915	31	82	75	118	16	49879297.05
07/13/2023 0930	35	84	78	127	16	56384653.39
07/13/2023 0945	38	85	80	140	16	62638570.83
07/13/2023 1000	41	87	82	159	16	68535025.4
07/13/2023 1015	44	89	82	184	16	74367778.98
07/13/2023 1030	47	91	82	208	16	80377701.31
07/13/2023 1045	51	93	80	225	16	86345513.67
07/13/2023 1100	54	95	77	237	16	91972921.35
07/13/2023 1115	57	98	75	245	16	97278754.39
07/13/2023 1130	60	100	72	251	16	102097834.1
07/13/2023 1145	63	104	69	256	15	105877095.6
07/13/2023 1200	66	107	66	259	15	108838941.2
07/13/2023 1215	69	112	63	262	15	112091727.7
07/13/2023 1230	72	118	59	265	15	115397979.4
07/13/2023 1245	75	125	56	267	15	117253005
07/13/2023 1300	78	136	53	269	15	118227990.9
07/13/2023 1315	79	151	50	271	15	119684063.4
07/13/2023 1330	81	170	47	273	15	120784850.5
07/13/2023 1345	81	191	44	275	15	120753071.9
07/13/2023 1400	79	210	41	276	15	119602154.9
07/13/2023 1415	77	225	38	278	15	118165933.9
07/13/2023 1430	75	235	34	279	15	117193141.3
07/13/2023 1445	72	243	31	281	15	115247359
07/13/2023 1500	69	248	28	282	14	111901950.4
07/13/2023 1515	66	253	25	284	14	108679688.5
07/13/2023 1530	63	257	22	285	14	105701255.1
07/13/2023 1545	60	260	19	287	14	101857446.6
07/13/2023 1600	57	262	16	289	14	96996394.96

07/13/2023 1615	54	265	14	290	14	91672316.4
07/13/2023 1630	50	267	11	292	14	86022712.01
07/13/2023 1645	47	269	8	294	14	80040295.85
07/13/2023 1700	44	271	5	295	14	74036223.54
07/13/2023 1715	41	273	2	297	14	68207436.02
07/13/2023 1730	38	275	0	299	14	62293097.65
07/13/2023 1745	34	276	-3	301	14	56014899.62
07/13/2023 1800	31	278	-6	303	14	49501043.39
07/13/2023 1815	28	280	-8	305	14	43037751.25
07/13/2023 1830	25	281	-11	307	13	36732721.21
07/13/2023 1845	22	283	-13	309	13	30636917.09
07/13/2023 1900	19	285	-16	312	13	24898409.25
07/13/2023 1915	16	286	-18	314	13	19597666.35
07/13/2023 1930	13	288	-20	317	13	14695674.39
07/13/2023 1945	10	290	-22	320	13	10273234.19
07/13/2023 2000	7	292	-24	322	13	6498460.94
07/13/2023 2015	4	293	-26	325	13	3403332.34
07/13/2023 2030	1	295	-27	329	13	1241127.96
07/13/2023 2045	-2	297	-29	332	13	143255.08
07/13/2023 2100	-5	299	-30	335	13	8697.22
07/13/2023 2115	-8	301	-31	339	13	374.1
07/13/2023 2130	-11	304	-32	342	13	24.98
07/13/2023 2145	-13	306	-33	346	13	4.05
07/13/2023 2200	-16	308	-34	350	12	1.57
07/13/2023 2215	-18	311	-34	354	12	1.12
07/13/2023 2230	-21	314	-34	358	12	0.5
07/13/2023 2245	-23	316	-34	2	12	0.5
07/13/2023 2300	-25	319	-34	6	12	0.5
07/13/2023 2315	-27	323	-34	10	12	0.5
07/13/2023 2330	-29	326	-33	13	12	0.5
07/13/2023 2345	-31	329	-32	17	12	0.5
07/14/2023 0000	-32	333	-31	21	12	0.5
07/14/2023 0015	-34	337	-30	24	12	0.5
07/14/2023 0030	-35	341	-29	28	12	0.5
07/14/2023 0045	-36	345	-27	31	12	0.5
07/14/2023 0100	-36	349	-26	34	12	0.5
07/14/2023 0115	-37	354	-24	37	12	0.5
07/14/2023 0130	-37	358	-22	40	12	0.5
07/14/2023 0145	-37	2	-20	42	11	0.5
07/14/2023 0200	-37	7	-18	45	11	0.5
07/14/2023 0215	-36	11	-15	47	11	0.5
07/14/2023 0230	-36	15	-13	50	11	0.5
07/14/2023 0245	-35	19	-11	52	11	0.5
07/14/2023 0300	-34	23	-8	54	11	0.5
07/14/2023 0315	-32	27	-6	56	11	0.5
07/14/2023 0330	-31	31	-3	58	11	0.5
07/14/2023 0345	-29	34	0	60	11	0.51

07/14/2023 0400	-27	38	3	62	11	0.54
07/14/2023 0415	-25	41	5	63	11	0.57
07/14/2023 0430	-23	44	8	65	11	0.62
07/14/2023 0445	-21	47	11	67	11	0.67
07/14/2023 0500	-18	49	14	68	11	1.36
07/14/2023 0515	-16	52	17	70	11	1.89
07/14/2023 0530	-13	54	20	71	10	4.58
07/14/2023 0545	-11	57	23	73	10	27.27
07/14/2023 0600	-8	59	26	74	10	411.89
07/14/2023 0615	-5	61	29	76	10	9578.36
07/14/2023 0630	-2	63	32	77	10	154383.98
07/14/2023 0645	1	65	35	78	10	1289339.56
07/14/2023 0700	4	67	38	80	10	3488682.74
07/14/2023 0715	7	69	41	81	10	6606386.04
07/14/2023 0730	10	70	44	83	10	10402552.99
07/14/2023 0745	13	72	47	84	10	14843082.01
07/14/2023 0800	16	74	50	86	10	19757745.66
07/14/2023 0815	19	75	53	87	10	25071727.4
07/14/2023 0830	22	77	57	89	10	30823503.1
07/14/2023 0845	25	79	60	91	10	36927603.8
07/14/2023 0900	28	80	63	93	10	43237576.92
07/14/2023 0915	31	82	66	95	10	49704588.27
07/14/2023 0930	35	84	69	98	10	56215118.58
07/14/2023 0945	38	85	72	101	9	62480877.39
07/14/2023 1000	41	87	75	105	9	68385537.55
07/14/2023 1015	44	89	78	111	9	74215998.29
07/14/2023 1030	47	91	81	121	9	80222303.3
07/14/2023 1045	51	93	84	137	9	86195190.01
07/14/2023 1100	54	95	85	168	9	91830307.2
07/14/2023 1115	57	98	85	206	9	97141232.55
07/14/2023 1130	60	101	83	231	9	101976626.5
07/14/2023 1145	63	104	80	244	9	105783906.7
07/14/2023 1200	66	108	77	252	9	108748131.5
07/14/2023 1215	69	112	74	257	9	111973200.5
07/14/2023 1230	72	118	71	261	9	115291876.1
07/14/2023 1245	75	126	68	264	9	117202619.7
07/14/2023 1300	77	136	65	267	9	118159918.7
07/14/2023 1315	79	151	62	269	9	119544982.8
07/14/2023 1330	80	170	59	271	9	120631918.8
07/14/2023 1345	80	191	55	272	9	120609015.2
07/14/2023 1400	79	210	52	274	8	119487953.4
07/14/2023 1415	77	224	49	276	8	118117474.5
07/14/2023 1430	75	234	46	277	8	117158220.4
07/14/2023 1445	72	242	43	279	8	115181663.3
07/14/2023 1500	69	248	40	280	8	111836679.9
07/14/2023 1515	66	253	37	282	8	108633404.1
07/14/2023 1530	63	256	34	283	8	105655735.3

07/14/2023 1545	60	259	31	284	8	101801273.6
07/14/2023 1600	57	262	28	286	8	96935513.49
07/14/2023 1615	54	265	25	287	8	91610882.71
07/14/2023 1630	50	267	22	289	8	85958937.07
07/14/2023 1645	47	269	19	290	8	79974973.93
07/14/2023 1700	44	271	16	292	8	73972436.43
07/14/2023 1715	41	273	13	293	8	68143913.61
07/14/2023 1730	38	275	10	295	8	62224954.92
07/14/2023 1745	34	276	8	296	8	55940367.19
07/14/2023 1800	31	278	5	298	8	49422722.04
07/14/2023 1815	28	280	2	300	7	42957680.2
07/14/2023 1830	25	281	0	302	7	36650935.37
07/14/2023 1845	22	283	-3	304	7	30554575.14
07/14/2023 1900	19	285	-6	306	7	24817651.25
07/14/2023 1915	16	286	-8	308	7	19518599.77
07/14/2023 1930	12	288	-11	310	7	14618328.25
07/14/2023 1945	9	290	-13	312	7	10201032.81
07/14/2023 2000	7	291	-15	315	7	6434138.77
07/14/2023 2015	4	293	-17	317	7	3349060.87
07/14/2023 2030	1	295	-19	320	7	1208721.46
07/14/2023 2045	-2	297	-21	322	7	135459.1
07/14/2023 2100	-5	299	-23	325	7	8050.52
07/14/2023 2115	-8	301	-25	328	7	344.78
07/14/2023 2130	-11	303	-26	331	7	23.38
07/14/2023 2145	-13	306	-28	335	7	3.88
07/14/2023 2200	-16	308	-29	338	7	1.54
07/14/2023 2215	-18	311	-30	341	7	1.11
07/14/2023 2230	-21	313	-31	345	7	0.5
07/14/2023 2245	-23	316	-32	349	7	0.5
07/14/2023 2300	-25	319	-32	352	7	0.5
07/14/2023 2315	-27	323	-32	356	6	0.5
07/14/2023 2330	-29	326	-32	360	6	0.5
07/14/2023 2345	-31	329	-32	4	6	0.5
07/15/2023 0000	-32	333	-32	7	6	0.5
07/15/2023 0015	-34	337	-32	11	6	0.5
07/15/2023 0030	-35	341	-31	15	6	0.5
07/15/2023 0045	-36	345	-30	18	6	0.5
07/15/2023 0100	-37	349	-29	22	6	0.5
07/15/2023 0115	-37	353	-28	25	6	0.5
07/15/2023 0130	-37	358	-26	28	6	0.5
07/15/2023 0145	-37	2	-25	31	6	0.5
07/15/2023 0200	-37	7	-23	34	6	0.5
07/15/2023 0215	-37	11	-21	37	6	0.5
07/15/2023 0230	-36	15	-19	40	6	0.5
07/15/2023 0245	-35	19	-17	42	6	0.5
07/15/2023 0300	-34	23	-15	45	6	0.5
07/15/2023 0315	-32	27	-13	47	6	0.5

07/15/2023 0330	-31	31	-11	49	6	0.5
07/15/2023 0345	-29	34	-8	52	6	0.5
07/15/2023 0400	-27	38	-6	54	6	0.5
07/15/2023 0415	-25	41	-3	56	5	0.5
07/15/2023 0430	-23	44	0	58	5	0.5
07/15/2023 0445	-21	47	2	59	5	0.51
07/15/2023 0500	-18	49	5	61	5	1.14
07/15/2023 0515	-16	52	8	63	5	1.58
07/15/2023 0530	-13	54	10	64	5	4.01
07/15/2023 0545	-11	57	13	66	5	24.31
07/15/2023 0600	-8	59	16	68	5	362.13
07/15/2023 0615	-5	61	19	69	5	8464.67
07/15/2023 0630	-2	63	22	70	5	140880.34
07/15/2023 0645	1	65	25	72	5	1233103.05
07/15/2023 0700	4	67	28	73	5	3393000.75
07/15/2023 0715	7	69	31	75	5	6489967.98
07/15/2023 0730	10	70	34	76	5	10268031.09
07/15/2023 0745	13	72	37	77	5	14694852.8
07/15/2023 0800	16	74	40	79	5	19601757.97
07/15/2023 0815	19	76	43	80	5	24907646.06
07/15/2023 0830	22	77	46	81	5	30651425.79
07/15/2023 0845	25	79	49	83	5	36752010.56
07/15/2023 0900	28	81	52	84	5	43061101.65
07/15/2023 0915	31	82	55	86	5	49527762.89
07/15/2023 0930	34	84	58	87	5	56043334.07
07/15/2023 0945	38	86	62	89	5	62320996.29
07/15/2023 1000	41	87	65	91	4	68234184.68
07/15/2023 1015	44	89	68	93	4	74062493.21
07/15/2023 1030	47	91	71	95	4	80064907.96
07/15/2023 1045	50	93	74	98	4	86042602.92
07/15/2023 1100	54	96	77	102	4	91685459.25
07/15/2023 1115	57	98	80	108	4	97001314.93
07/15/2023 1130	60	101	83	118	4	101852556.2
07/15/2023 1145	63	104	86	141	4	105688202.8
07/15/2023 1200	66	108	87	189	4	108655908.6
07/15/2023 1215	69	113	85	229	4	111852434.4
07/15/2023 1230	72	118	82	246	4	115180822.4
07/15/2023 1245	75	126	79	255	4	117148742
07/15/2023 1300	77	137	76	260	4	118093380.1
07/15/2023 1315	79	151	73	263	4	119405195
07/15/2023 1330	80	170	70	266	4	120471377.9
07/15/2023 1345	80	191	67	268	4	120456796.4
07/15/2023 1400	79	209	64	270	4	119370065.9
07/15/2023 1415	77	224	61	272	4	118067590
07/15/2023 1430	75	234	57	274	4	117119342.3
07/15/2023 1445	72	242	54	275	4	115108981.9
07/15/2023 1500	69	248	51	277	4	111764893.5

07/15/2023 1515	66	252	48	278	4	108582103.2
07/15/2023 1530	63	256	45	279	4	105604624.6
07/15/2023 1545	60	259	42	281	4	101737967.8
07/15/2023 1600	57	262	39	282	4	96866817.49
07/15/2023 1615	54	264	36	283	4	91541437.99
07/15/2023 1630	50	267	33	285	3	85886785.97
07/15/2023 1645	47	269	30	286	3	79901154.69
07/15/2023 1700	44	271	27	287	3	73900480.63
07/15/2023 1715	41	273	24	289	3	68072363.57
07/15/2023 1730	38	274	21	290	3	62148360.29
07/15/2023 1745	34	276	18	292	3	55856879.47
07/15/2023 1800	31	278	15	293	3	49335341.7
07/15/2023 1815	28	279	12	295	3	42868682.53
07/15/2023 1830	25	281	10	296	3	36560370.78
07/15/2023 1845	22	283	7	298	3	30463767.86
07/15/2023 1900	19	284	4	300	3	24728941.8
07/15/2023 1915	15	286	2	301	3	19432048.41
07/15/2023 1930	12	288	-1	303	3	14533989.41
07/15/2023 1945	9	289	-4	305	3	10122659.55
07/15/2023 2000	6	291	-6	307	3	6364587.91
07/15/2023 2015	4	293	-9	309	3	3290743.39
07/15/2023 2030	1	295	-11	312	3	1174457.66
07/15/2023 2045	-2	297	-13	314	3	127474.03
07/15/2023 2100	-5	299	-16	316	3	7407.89
07/15/2023 2115	-8	301	-18	319	3	316.04
07/15/2023 2130	-11	303	-20	321	3	21.8
07/15/2023 2145	-13	306	-21	324	3	3.71
07/15/2023 2200	-16	308	-23	327	3	1.51
07/15/2023 2215	-19	311	-25	330	3	1.11
07/15/2023 2230	-21	313	-26	333	3	0.5
07/15/2023 2245	-23	316	-28	336	3	0.5
07/15/2023 2300	-25	319	-29	340	3	0.5
07/15/2023 2315	-27	322	-30	343	3	0.5
07/15/2023 2330	-29	326	-31	347	3	0.5
07/15/2023 2345	-31	329	-31	350	2	0.5
07/16/2023 0000	-33	333	-32	354	2	0.5
07/16/2023 0015	-34	337	-32	358	2	0.5
07/16/2023 0030	-35	341	-32	1	2	0.5
07/16/2023 0045	-36	345	-32	5	2	0.5
07/16/2023 0100	-37	349	-31	9	2	0.5
07/16/2023 0115	-37	353	-31	13	2	0.5
07/16/2023 0130	-38	358	-30	16	2	0.5
07/16/2023 0145	-38	2	-29	20	2	0.5
07/16/2023 0200	-37	7	-28	23	2	0.5
07/16/2023 0215	-37	11	-27	26	2	0.5
07/16/2023 0230	-36	15	-25	29	2	0.5
07/16/2023 0245	-35	19	-24	32	2	0.5

07/16/2023 0300	-34	23	-22	35	2	0.5
07/16/2023 0315	-33	27	-20	38	2	0.5
07/16/2023 0330	-31	31	-18	41	2	0.5
07/16/2023 0345	-29	34	-16	43	2	0.5
07/16/2023 0400	-27	38	-14	46	2	0.5
07/16/2023 0415	-25	41	-12	48	2	0.5
07/16/2023 0430	-23	44	-9	50	2	0.5
07/16/2023 0445	-21	47	-7	52	2	0.5
07/16/2023 0500	-19	49	-4	54	2	1.11
07/16/2023 0515	-16	52	-2	56	2	1.51
07/16/2023 0530	-13	54	1	58	2	3.72
07/16/2023 0545	-11	57	4	60	2	21.91
07/16/2023 0600	-8	59	6	62	2	318.08
07/16/2023 0615	-5	61	9	63	2	7458.17
07/16/2023 0630	-2	63	12	65	2	128166.78
07/16/2023 0645	1	65	15	67	2	1177742.72
07/16/2023 0700	4	67	17	68	2	3296849.18
07/16/2023 0715	6	69	20	69	2	6372465.03
07/16/2023 0730	9	71	23	71	2	10132199.78
07/16/2023 0745	12	72	26	72	2	14544959.83
07/16/2023 0800	16	74	29	74	2	19443989.97
07/16/2023 0815	19	76	32	75	2	24741813.04
07/16/2023 0830	22	77	35	76	2	30477485.95
07/16/2023 0845	25	79	38	78	2	36574437.97
07/16/2023 0900	28	81	41	79	2	42882669.99
07/16/2023 0915	31	82	44	80	1	49348952.98
07/16/2023 0930	34	84	47	82	1	55869416.19
07/16/2023 0945	38	86	51	83	1	62159017.75
07/16/2023 1000	41	88	54	85	1	68081046.66
07/16/2023 1015	44	89	57	86	1	73907351.68
07/16/2023 1030	47	91	60	88	1	79905599.16
07/16/2023 1045	50	94	63	90	1	85887809.7
07/16/2023 1100	54	96	66	92	1	91538416.87
07/16/2023 1115	57	98	69	94	1	96859036.92
07/16/2023 1130	60	101	72	97	1	101725620.3
07/16/2023 1145	63	104	76	100	1	105589926.6
07/16/2023 1200	66	108	79	105	1	108562263.8
07/16/2023 1215	69	113	82	113	1	111729517.7
07/16/2023 1230	72	119	84	128	1	115064739.9
07/16/2023 1245	75	127	86	161	1	117090991.9
07/16/2023 1300	77	137	86	210	1	118028409.1
07/16/2023 1315	79	151	84	237	1	119265632.4
07/16/2023 1330	80	170	81	250	1	120304279.5
07/16/2023 1345	80	190	78	256	1	120297299.8
07/16/2023 1400	79	209	75	261	1	119249327.3
07/16/2023 1415	77	223	72	264	1	118016525.3
07/16/2023 1430	75	233	68	266	1	117076142.5

07/16/2023 1445	72	241	65	269	1	115029013.8
07/16/2023 1500	69	247	62	271	1	111686537.9
07/16/2023 1515	66	252	59	272	1	108525717.2
07/16/2023 1530	63	256	56	274	1	105547737.4
07/16/2023 1545	60	259	53	275	1	101667322.4
07/16/2023 1600	57	262	50	277	1	96790132.62
07/16/2023 1615	54	264	47	278	1	91463811.3
07/16/2023 1630	50	266	43	280	1	85806083.88
07/16/2023 1645	47	269	40	281	1	79818685.93
07/16/2023 1700	44	270	37	282	1	73820226.12
07/16/2023 1715	41	272	34	284	1	67992648.36
07/16/2023 1730	38	274	31	285	1	62063160.87
07/16/2023 1745	34	276	28	286	1	55764292.35
07/16/2023 1800	31	278	25	288	1	49238781.2
07/16/2023 1815	28	279	22	289	1	42770651.25
07/16/2023 1830	25	281	19	291	1	36460933.02
07/16/2023 1845	22	283	16	292	1	30364424.02
07/16/2023 1900	19	284	14	294	1	24632228.94
07/16/2023 1915	15	286	11	295	1	19337968.6
07/16/2023 1930	12	288	8	297	1	14442635.56
07/16/2023 1945	9	289	5	298	1	10038124.49
07/16/2023 2000	6	291	3	300	1	6289832.9
07/16/2023 2015	3	293	0	302	1	3228455.67
07/16/2023 2030	1	295	-3	304	1	1138479.63
07/16/2023 2045	-3	297	-5	306	1	119368.86
07/16/2023 2100	-5	299	-8	308	1	6775.88
07/16/2023 2115	-8	301	-10	310	1	288.16
07/16/2023 2130	-11	303	-13	312	1	20.26
07/16/2023 2145	-14	306	-15	315	1	3.54
07/16/2023 2200	-16	308	-17	317	1	1.48
07/16/2023 2215	-19	311	-19	320	1	1.1
07/16/2023 2230	-21	313	-21	322	1	0.5
07/16/2023 2245	-23	316	-23	325	1	0.5
07/16/2023 2300	-25	319	-25	328	1	0.5
07/16/2023 2315	-28	322	-26	331	1	0.5
07/16/2023 2330	-29	326	-28	334	1	0.5
07/16/2023 2345	-31	329	-29	338	0	0.5
07/17/2023 0000	-33	333	-30	341	0	0.5
07/17/2023 0015	-34	337	-31	345	0	0.5
07/17/2023 0030	-35	341	-32	348	0	0.5
07/17/2023 0045	-36	345	-32	352	0	0.5
07/17/2023 0100	-37	349	-33	356	0	0.5
07/17/2023 0115	-37	353	-33	360	0	0.5
07/17/2023 0130	-38	358	-33	3	0	0.5
07/17/2023 0145	-38	2	-32	7	0	0.5
07/17/2023 0200	-37	7	-32	11	0	0.5
07/17/2023 0215	-37	11	-31	15	0	0.5

07/17/2023 0230	-36	15	-30	18	0	0.5
07/17/2023 0245	-35	19	-29	22	0	0.5
07/17/2023 0300	-34	23	-28	25	0	0.5
07/17/2023 0315	-33	27	-27	28	0	0.5
07/17/2023 0330	-31	31	-25	32	0	0.5
07/17/2023 0345	-29	34	-24	35	0	0.5
07/17/2023 0400	-28	38	-22	37	0	0.5
07/17/2023 0415	-26	41	-20	40	0	0.5
07/17/2023 0430	-23	44	-18	43	0	0.5
07/17/2023 0445	-21	47	-16	45	0	0.5
07/17/2023 0500	-19	50	-13	48	0	1.09
07/17/2023 0515	-16	52	-11	50	0	1.47
07/17/2023 0530	-14	55	-9	52	0	3.49
07/17/2023 0545	-11	57	-6	54	0	19.79
07/17/2023 0600	-8	59	-4	56	0	279
07/17/2023 0615	-5	61	-1	58	0	6552.36
07/17/2023 0630	-3	63	2	60	0	116247.53
07/17/2023 0645	1	65	4	62	0	1123386.4
07/17/2023 0700	3	67	7	64	0	3200389.7
07/17/2023 0715	6	69	10	65	0	6254007.47
07/17/2023 0730	9	71	13	67	0	9995205.95
07/17/2023 0745	12	73	16	69	0	14393551.6
07/17/2023 0800	15	74	18	70	0	19284581.56
07/17/2023 0815	19	76	21	72	0	24574374.02
07/17/2023 0830	22	78	24	73	0	30301833.84
07/17/2023 0845	25	79	27	74	0	36395027.57
07/17/2023 0900	28	81	30	76	0	42702415.73
07/17/2023 0915	31	83	33	77	0	49168289.34
07/17/2023 0930	34	84	36	79	0	55693480.66
07/17/2023 0945	37	86	39	80	0	61995030.95
07/17/2023 1000	41	88	43	82	0	67926200.92
07/17/2023 1015	44	90	46	83	0	73750658.68
07/17/2023 1030	47	92	49	85	0	79744458.56
07/17/2023 1045	50	94	52	86	0	85730865.5
07/17/2023 1100	54	96	55	88	0	91389216.23
07/17/2023 1115	57	99	58	90	0	96714431.24
07/17/2023 1130	60	101	61	92	0	101595814.8
07/17/2023 1145	63	105	64	94	0	105489016.5
07/17/2023 1200	66	109	68	97	0	108467180.5
07/17/2023 1215	69	113	71	100	0	111604540.1
07/17/2023 1230	72	119	74	104	0	114943563.7
07/17/2023 1245	75	127	77	109	0	117028966.3
07/17/2023 1300	77	137	80	117	0	117964965.1
07/17/2023 1315	79	152	82	130	0	119127235.8
07/17/2023 1330	80	170	84	153	0	120131857.3
07/17/2023 1345	80	190	85	188	0	120131613.7
07/17/2023 1400	79	208	84	218	0	119126648.1

07/17/2023 1415	77	222	81	236	0	117964486.8
07/17/2023 1430	75	233	78	246	0	117028207.3
07/17/2023 1445	72	241	75	253	0	114941454.5
07/17/2023 1500	69	247	72	257	0	111601577.2
07/17/2023 1515	66	251	69	261	0	108464179.8
07/17/2023 1530	63	255	66	264	0	105484877.6
07/17/2023 1545	60	259	63	266	0	101589125.2
07/17/2023 1600	57	261	60	268	0	96705284.71
07/17/2023 1615	53	264	57	270	0	91377831.5
07/17/2023 1630	50	266	54	272	0	85716655.95
07/17/2023 1645	47	268	50	274	0	79727418.57
07/17/2023 1700	44	270	47	275	0	73731546.78
07/17/2023 1715	41	272	44	277	0	67904631.42
07/17/2023 1730	37	274	41	278	0	61969203.22
07/17/2023 1745	34	276	38	280	0	55662463.18
07/17/2023 1800	31	277	35	281	0	49132922.99
07/17/2023 1815	28	279	32	282	0	42663483.22
07/17/2023 1830	25	281	29	284	0	36352532.01
07/17/2023 1845	22	282	26	285	0	30256478.1
07/17/2023 1900	18	284	23	287	0	24527466.45
07/17/2023 1915	15	286	20	288	0	19236321.81
07/17/2023 1930	12	287	17	290	0	14344251.02
07/17/2023 1945	9	289	14	291	0	9947445.45
07/17/2023 2000	6	291	11	293	0	6209905.47
07/17/2023 2015	3	293	8	294	0	3162286.39
07/17/2023 2030	1	295	5	296	0	1100941.56
07/17/2023 2045	-3	297	3	298	0	111212.57
07/17/2023 2100	-5	299	0	300	0	6160.44
07/17/2023 2115	-8	301	-3	301	0	261.37
07/17/2023 2130	-11	303	-6	303	0	18.77
07/17/2023 2145	-14	305	-8	305	0	3.38
07/17/2023 2200	-16	308	-11	308	0	1.45
07/17/2023 2215	-19	310	-13	310	0	1.09
07/17/2023 2230	-21	313	-16	312	0	0.5
07/17/2023 2245	-23	316	-18	315	0	0.5
07/17/2023 2300	-26	319	-20	317	0	0.5
07/17/2023 2315	-28	322	-22	320	0	0.5
07/17/2023 2330	-30	325	-24	323	0	0.5
07/17/2023 2345	-31	329	-26	326	0	0.5
07/18/2023 0000	-33	333	-28	329	0	0.5
07/18/2023 0015	-34	337	-29	332	0	0.5
07/18/2023 0030	-35	341	-30	336	0	0.5
07/18/2023 0045	-36	345	-32	339	0	0.5
07/18/2023 0100	-37	349	-33	343	0	0.5
07/18/2023 0115	-38	353	-34	347	0	0.5
07/18/2023 0130	-38	358	-34	350	0	0.5
07/18/2023 0145	-38	2	-35	354	0	0.5

07/18/2023 0200	-38	7	-35	358	0	0.5
07/18/2023 0215	-37	11	-35	2	0	0.5
07/18/2023 0230	-36	15	-35	6	0	0.5
07/18/2023 0245	-35	19	-34	10	0	0.5
07/18/2023 0300	-34	23	-34	14	0	0.5
07/18/2023 0315	-33	27	-33	18	0	0.5
07/18/2023 0330	-31	31	-32	21	1	0.5
07/18/2023 0345	-30	35	-31	25	1	0.5
07/18/2023 0400	-28	38	-29	28	1	0.5
07/18/2023 0415	-26	41	-28	32	1	0.5
07/18/2023 0430	-23	44	-26	35	1	0.5
07/18/2023 0445	-21	47	-24	38	1	0.5
07/18/2023 0500	-19	50	-22	41	1	1.08
07/18/2023 0515	-16	52	-20	44	1	1.43
07/18/2023 0530	-14	55	-18	46	1	3.28
07/18/2023 0545	-11	57	-16	49	1	17.87
07/18/2023 0600	-8	59	-14	51	1	244.41
07/18/2023 0615	-6	61	-11	53	1	5740.64
07/18/2023 0630	-3	63	-9	56	1	105119.88
07/18/2023 0645	1	65	-6	58	1	1070150.77
07/18/2023 0700	3	67	-3	60	1	3103784.64
07/18/2023 0715	6	69	0	62	1	6134723.73
07/18/2023 0730	9	71	2	63	1	9857194.06
07/18/2023 0745	12	73	5	65	1	14240775.39
07/18/2023 0800	15	74	8	67	1	19123670.75
07/18/2023 0815	18	76	11	69	1	24405472.03
07/18/2023 0830	22	78	13	70	1	30124617.42
07/18/2023 0845	25	79	16	72	1	36213918.79
07/18/2023 0900	28	81	19	74	1	42520469.91
07/18/2023 0915	31	83	22	75	1	48985899.98
07/18/2023 0930	34	84	25	77	1	55515641.12
07/18/2023 0945	37	86	28	78	1	61829122.87
07/18/2023 1000	41	88	31	80	1	67769721.38
07/18/2023 1015	44	90	35	81	1	73592495.08
07/18/2023 1030	47	92	38	83	1	79581564.45
07/18/2023 1045	50	94	41	85	1	85571822.28
07/18/2023 1100	53	96	44	86	1	91237889.39
07/18/2023 1115	57	99	47	88	1	96567527
07/18/2023 1130	60	102	50	90	1	101463134
07/18/2023 1145	63	105	53	92	1	105385406.7
07/18/2023 1200	66	109	56	94	1	108370633.3
07/18/2023 1215	69	114	60	96	1	111477591.7
07/18/2023 1230	72	120	63	99	1	114817244
07/18/2023 1245	74	127	66	102	1	116962241.8
07/18/2023 1300	77	138	69	106	1	117902925.2
07/18/2023 1315	79	152	72	111	1	118990930.2
07/18/2023 1330	80	170	75	117	1	119955505.3

07/18/2023 1345	80	190	77	126	1	119961016.3
07/18/2023 1400	79	208	80	138	1	119002996.5
07/18/2023 1415	77	222	81	156	1	117911627.4
07/18/2023 1430	75	232	82	179	1	116975071.3
07/18/2023 1445	72	240	81	202	1	114846001.9
07/18/2023 1500	69	246	80	220	1	111509996
07/18/2023 1515	66	251	77	233	1	108397427.1
07/18/2023 1530	63	255	75	241	1	105415839.4
07/18/2023 1545	60	258	72	248	1	101503159.8
07/18/2023 1600	57	261	69	253	1	96612101.78
07/18/2023 1615	53	264	66	256	1	91283328.93
07/18/2023 1630	50	266	63	260	1	85618329.26
07/18/2023 1645	47	268	60	262	1	79627208.88
07/18/2023 1700	44	270	56	265	1	73634322.18
07/18/2023 1715	41	272	53	267	1	67808178.72
07/18/2023 1730	37	274	50	269	1	61866335.06
07/18/2023 1745	34	275	47	271	1	55551252.78
07/18/2023 1800	31	277	44	272	1	49017655.06
07/18/2023 1815	28	279	41	274	2	42547080.98
07/18/2023 1830	25	281	37	276	2	36235083.83
07/18/2023 1845	22	282	34	277	2	30139872.04
07/18/2023 1900	18	284	31	279	2	24414615.4
07/18/2023 1915	15	286	28	280	2	19127076.07
07/18/2023 1930	12	287	25	282	2	14238828.26
07/18/2023 1945	9	289	22	283	2	9850649.32
07/18/2023 2000	6	291	19	285	2	6124845.59
07/18/2023 2015	3	293	16	286	2	3092338.67
07/18/2023 2030	1	295	13	288	2	1062008.08
07/18/2023 2045	-3	296	10	290	2	103073.19
07/18/2023 2100	-6	299	7	291	2	5566.88
07/18/2023 2115	-8	301	4	293	2	235.86
07/18/2023 2130	-11	303	2	295	2	17.33
07/18/2023 2145	-14	305	-2	297	2	3.22
07/18/2023 2200	-16	308	-4	299	2	1.42
07/18/2023 2215	-19	310	-7	301	2	1.08
07/18/2023 2230	-21	313	-10	303	2	0.5
07/18/2023 2245	-24	316	-12	305	2	0.5
07/18/2023 2300	-26	319	-15	307	2	0.5
07/18/2023 2315	-28	322	-17	309	2	0.5
07/18/2023 2330	-30	325	-20	312	2	0.5
07/18/2023 2345	-31	329	-22	315	2	0.5
07/19/2023 0000	-33	333	-24	317	2	0.5
07/19/2023 0015	-34	336	-26	320	2	0.5
07/19/2023 0030	-36	340	-28	323	2	0.5
07/19/2023 0045	-37	345	-30	326	2	0.5
07/19/2023 0100	-37	349	-32	330	2	0.5
07/19/2023 0115	-38	353	-33	333	2	0.5

07/19/2023 0130	-38	358	-35	337	2	0.5
07/19/2023 0145	-38	2	-36	341	2	0.5
07/19/2023 0200	-38	7	-37	345	2	0.5
07/19/2023 0215	-37	11	-37	349	2	0.5
07/19/2023 0230	-37	15	-38	353	2	0.5
07/19/2023 0245	-36	19	-38	357	2	0.5
07/19/2023 0300	-34	23	-38	2	2	0.5
07/19/2023 0315	-33	27	-38	6	2	0.5
07/19/2023 0330	-31	31	-38	10	2	0.5
07/19/2023 0345	-30	35	-37	14	2	0.5
07/19/2023 0400	-28	38	-36	18	3	0.5
07/19/2023 0415	-26	41	-35	22	3	0.5
07/19/2023 0430	-24	44	-34	26	3	0.5
07/19/2023 0445	-21	47	-33	30	3	0.5
07/19/2023 0500	-19	50	-31	33	3	1.07
07/19/2023 0515	-16	52	-29	37	3	1.4
07/19/2023 0530	-14	55	-27	40	3	3.09
07/19/2023 0545	-11	57	-25	43	3	16.15
07/19/2023 0600	-8	59	-23	46	3	213.86
07/19/2023 0615	-6	61	-21	48	3	5016.24
07/19/2023 0630	-3	64	-19	51	3	94774.49
07/19/2023 0645	1	66	-16	53	3	1018139.55
07/19/2023 0700	3	67	-14	56	3	3007195.97
07/19/2023 0715	6	69	-11	58	3	6014739.55
07/19/2023 0730	9	71	-8	60	3	9718304.95
07/19/2023 0745	12	73	-6	62	3	14086775.94
07/19/2023 0800	15	75	-3	64	3	18961392.44
07/19/2023 0815	18	76	0	66	3	24235246.06
07/19/2023 0830	21	78	3	68	3	29945980.83
07/19/2023 0845	25	80	6	70	3	36031247.36
07/19/2023 0900	28	81	9	72	3	42336959.31
07/19/2023 0915	31	83	11	73	3	48801908.59
07/19/2023 0930	34	85	14	75	3	55336007.6
07/19/2023 0945	37	86	17	77	3	61661376.82
07/19/2023 1000	41	88	20	79	3	67611677.09
07/19/2023 1015	44	90	24	80	3	73432936.27
07/19/2023 1030	47	92	27	82	3	79416990.37
07/19/2023 1045	50	94	30	84	3	85410727.61
07/19/2023 1100	53	97	33	85	3	91084463.12
07/19/2023 1115	57	99	36	87	3	96418348.63
07/19/2023 1130	60	102	39	89	4	101327569.5
07/19/2023 1145	63	105	42	91	4	105279026.2
07/19/2023 1200	66	109	45	93	4	108272587.7
07/19/2023 1215	69	114	48	95	4	111348762.6
07/19/2023 1230	72	120	52	97	4	114685746.8
07/19/2023 1245	74	128	55	100	4	116890378.3
07/19/2023 1300	77	138	58	103	4	117842078.1

07/19/2023 1315	79	152	61	106	4	118857599
07/19/2023 1330	80	170	64	110	4	119776746.8
07/19/2023 1345	80	190	67	115	4	119786952.2
07/19/2023 1400	79	207	69	120	4	118879373.2
07/19/2023 1415	77	221	72	127	4	117858028.1
07/19/2023 1430	74	232	74	136	4	116916216.7
07/19/2023 1445	72	240	76	148	4	114742362.6
07/19/2023 1500	69	246	78	162	4	111411802.6
07/19/2023 1515	66	251	78	178	4	108325397.1
07/19/2023 1530	63	255	78	195	4	105340407.4
07/19/2023 1545	60	258	76	210	4	101409208
07/19/2023 1600	57	261	75	221	4	96510415.95
07/19/2023 1615	53	263	72	231	4	91180137.09
07/19/2023 1630	50	266	70	238	4	85510934.84
07/19/2023 1645	47	268	67	243	4	79517920.59
07/19/2023 1700	44	270	64	248	4	73528439.51
07/19/2023 1715	41	272	61	252	4	67703160.34
07/19/2023 1730	37	273	58	255	4	61754407
07/19/2023 1745	34	275	55	258	4	55430527.52
07/19/2023 1800	31	277	52	261	4	48892872.98
07/19/2023 1815	28	279	49	263	5	42421354.52
07/19/2023 1830	25	280	45	265	5	36108512.58
07/19/2023 1845	21	282	42	267	5	30014557.09
07/19/2023 1900	18	284	39	269	5	24293645.68
07/19/2023 1915	15	285	36	271	5	19010207.45
07/19/2023 1930	12	287	33	273	5	14126369.36
07/19/2023 1945	9	289	30	274	5	9747773.16
07/19/2023 2000	6	291	26	276	5	6034702.48
07/19/2023 2015	3	292	23	278	5	3018731.67
07/19/2023 2030	1	294	20	279	5	1021853.28
07/19/2023 2045	-3	296	17	281	5	95016.85
07/19/2023 2100	-6	298	14	283	5	4999.79
07/19/2023 2115	-8	300	11	284	5	211.81
07/19/2023 2130	-11	303	8	286	5	15.98
07/19/2023 2145	-14	305	5	288	5	3.08
07/19/2023 2200	-16	308	2	290	5	1.4
07/19/2023 2215	-19	310	-1	291	5	1.07
07/19/2023 2230	-21	313	-4	293	5	0.5
07/19/2023 2245	-24	316	-7	295	5	0.5
07/19/2023 2300	-26	319	-10	297	5	0.5
07/19/2023 2315	-28	322	-12	299	5	0.5
07/19/2023 2330	-30	325	-15	302	5	0.5
07/19/2023 2345	-32	329	-18	304	5	0.5
07/20/2023 0000	-33	332	-20	306	6	0.5
07/20/2023 0015	-35	336	-23	309	6	0.5
07/20/2023 0030	-36	340	-25	312	6	0.5
07/20/2023 0045	-37	345	-27	314	6	0.5

07/20/2023 0100	-37	349	-30	317	6	0.5
07/20/2023 0115	-38	353	-32	321	6	0.5
07/20/2023 0130	-38	358	-34	324	6	0.5
07/20/2023 0145	-38	2	-35	328	6	0.5
07/20/2023 0200	-38	7	-37	331	6	0.5
07/20/2023 0215	-37	11	-38	335	6	0.5
07/20/2023 0230	-37	15	-40	339	6	0.5
07/20/2023 0245	-36	19	-41	344	6	0.5
07/20/2023 0300	-35	24	-42	348	6	0.5
07/20/2023 0315	-33	27	-42	353	6	0.5
07/20/2023 0330	-32	31	-42	357	6	0.5
07/20/2023 0345	-30	35	-42	2	6	0.5
07/20/2023 0400	-28	38	-42	7	6	0.5
07/20/2023 0415	-26	41	-42	11	6	0.5
07/20/2023 0430	-24	44	-41	16	6	0.5
07/20/2023 0445	-21	47	-40	20	6	0.5
07/20/2023 0500	-19	50	-39	24	6	1.06
07/20/2023 0515	-17	52	-38	29	6	1.37
07/20/2023 0530	-14	55	-36	32	7	2.91
07/20/2023 0545	-11	57	-35	36	7	14.6
07/20/2023 0600	-9	59	-33	40	7	186.96
07/20/2023 0615	-6	62	-31	43	7	4372.36
07/20/2023 0630	-3	64	-29	46	7	85195.9
07/20/2023 0645	0	66	-26	49	7	967441.71
07/20/2023 0700	3	68	-24	52	7	2910784.35
07/20/2023 0715	6	69	-21	55	7	5894177.18
07/20/2023 0730	9	71	-19	57	7	9578674.71
07/20/2023 0745	12	73	-16	59	7	13931694.23
07/20/2023 0800	15	75	-14	62	7	18797877.12
07/20/2023 0815	18	76	-11	64	7	24063829.66
07/20/2023 0830	21	78	-8	66	7	29766062.86
07/20/2023 0845	24	80	-5	68	7	35847143.74
07/20/2023 0900	28	81	-2	70	7	42152004.84
07/20/2023 0915	31	83	1	72	7	48616432.84
07/20/2023 0930	34	85	4	74	7	55154684.87
07/20/2023 0945	37	87	7	76	7	61491870.97
07/20/2023 1000	40	88	10	78	7	67452130.84
07/20/2023 1015	44	90	13	79	7	73272050.69
07/20/2023 1030	47	92	16	81	8	79250803.6
07/20/2023 1045	50	95	19	83	8	85247623.17
07/20/2023 1100	53	97	22	85	8	90928957.55
07/20/2023 1115	56	99	25	87	8	96266914.42
07/20/2023 1130	60	102	28	88	8	101189109.1
07/20/2023 1145	63	106	31	90	8	105169798.6
07/20/2023 1200	66	110	34	92	8	108172998.3
07/20/2023 1215	69	114	37	94	8	111218140.7
07/20/2023 1230	72	121	41	97	8	114549055.4

07/20/2023 1245	74	128	44	99	8	116812922.4
07/20/2023 1300	77	139	47	101	8	117782117.3
07/20/2023 1315	78	153	50	104	8	118728055.2
07/20/2023 1330	79	170	53	107	8	119597195.8
07/20/2023 1345	79	189	56	110	8	119610997.6
07/20/2023 1400	78	207	59	114	8	118756780.7
07/20/2023 1415	77	221	61	119	8	117803680.7
07/20/2023 1430	74	231	64	124	8	116851073
07/20/2023 1445	72	239	67	130	8	114630258.2
07/20/2023 1500	69	245	69	137	8	111307030.3
07/20/2023 1515	66	250	71	146	9	108248028.6
07/20/2023 1530	63	254	72	156	9	105258356.6
07/20/2023 1545	60	258	73	168	9	101307051
07/20/2023 1600	56	260	73	180	9	96400065.01
07/20/2023 1615	53	263	73	193	9	91068093.94
07/20/2023 1630	50	265	72	204	9	85394309.25
07/20/2023 1645	47	268	70	214	9	79399426.81
07/20/2023 1700	44	270	68	223	9	73413795.03
07/20/2023 1715	40	271	66	230	9	67589451.62
07/20/2023 1730	37	273	63	235	9	61633274.03
07/20/2023 1745	34	275	61	240	9	55300161.08
07/20/2023 1800	31	277	58	245	9	48758481.66
07/20/2023 1815	28	278	55	248	9	42286223
07/20/2023 1830	25	280	52	252	9	35972752.05
07/20/2023 1845	21	282	49	255	9	29880495.37
07/20/2023 1900	18	283	46	257	9	24164537.31
07/20/2023 1915	15	285	43	260	9	18885701.29
07/20/2023 1930	12	287	40	262	9	14006887.46
07/20/2023 1945	9	289	36	264	10	9638865.31
07/20/2023 2000	6	290	33	266	10	5939535.57
07/20/2023 2015	3	292	30	268	10	2941602.1
07/20/2023 2030	0	294	27	270	10	980659.07
07/20/2023 2045	-3	296	24	272	10	87106.86
07/20/2023 2100	-6	298	21	274	10	4463.09
07/20/2023 2115	-9	300	18	275	10	189.48
07/20/2023 2130	-11	303	14	277	10	14.84
07/20/2023 2145	-14	305	11	279	10	3.06
07/20/2023 2200	-17	307	8	280	10	1.47
07/20/2023 2215	-19	310	5	282	10	1.12
07/20/2023 2230	-22	313	2	284	10	0.53
07/20/2023 2245	-24	316	-1	286	10	0.5
07/20/2023 2300	-26	319	-4	288	10	0.5
07/20/2023 2315	-28	322	-7	290	10	0.5
07/20/2023 2330	-30	325	-10	292	10	0.5
07/20/2023 2345	-32	329	-13	294	10	0.5
07/21/2023 0000	-33	332	-16	296	11	0.5
07/21/2023 0015	-35	336	-19	298	11	0.5

07/21/2023 0030	-36	340	-21	300	11	0.5
07/21/2023 0045	-37	345	-24	303	11	0.5
07/21/2023 0100	-38	349	-27	306	11	0.5
07/21/2023 0115	-38	353	-29	308	11	0.5
07/21/2023 0130	-38	358	-32	311	11	0.5
07/21/2023 0145	-38	2	-34	315	11	0.5
07/21/2023 0200	-38	7	-36	318	11	0.5
07/21/2023 0215	-38	11	-38	322	11	0.5
07/21/2023 0230	-37	15	-40	325	11	0.5
07/21/2023 0245	-36	20	-42	329	11	0.5
07/21/2023 0300	-35	24	-43	334	11	0.5
07/21/2023 0315	-33	28	-45	338	11	0.5
07/21/2023 0330	-32	31	-46	343	11	0.5
07/21/2023 0345	-30	35	-46	348	11	0.5
07/21/2023 0400	-28	38	-47	353	12	0.5
07/21/2023 0415	-26	41	-47	358	12	0.5
07/21/2023 0430	-24	44	-47	3	12	0.5
07/21/2023 0445	-22	47	-47	9	12	0.5
07/21/2023 0500	-19	50	-46	14	12	1.05
07/21/2023 0515	-17	53	-46	19	12	1.34
07/21/2023 0530	-14	55	-45	23	12	2.75
07/21/2023 0545	-11	57	-43	28	12	13.2
07/21/2023 0600	-9	60	-42	32	12	163.33
07/21/2023 0615	-6	62	-40	36	12	3802.24
07/21/2023 0630	-3	64	-38	40	12	76363.22
07/21/2023 0645	0	66	-36	44	12	918129.79
07/21/2023 0700	3	68	-34	47	12	2814708.25
07/21/2023 0715	6	70	-32	51	12	5773154.68
07/21/2023 0730	9	71	-29	54	12	9438433.58
07/21/2023 0745	12	73	-27	56	12	13775666.33
07/21/2023 0800	15	75	-24	59	13	18633249.73
07/21/2023 0815	18	77	-22	62	13	23891349.66
07/21/2023 0830	21	78	-19	64	13	29584995.55
07/21/2023 0845	24	80	-16	66	13	35661731.78
07/21/2023 0900	28	82	-13	69	13	41965720.15
07/21/2023 0915	31	83	-10	71	13	48429582.95
07/21/2023 0930	34	85	-7	73	13	54971770.94
07/21/2023 0945	37	87	-4	75	13	61320677
07/21/2023 1000	40	89	-1	77	13	67291137.92
07/21/2023 1015	44	91	2	79	13	73109898.55
07/21/2023 1030	47	93	5	81	13	79083063.74
07/21/2023 1045	50	95	8	82	13	85082543.48
07/21/2023 1100	53	97	11	84	13	90771384.98
07/21/2023 1115	56	100	14	86	13	96113235.37
07/21/2023 1130	59	103	17	88	13	101047735.5
07/21/2023 1145	63	106	20	90	14	105057641
07/21/2023 1200	66	110	23	92	14	108071808.6

07/21/2023 1215	69	115	26	94	14	111085811.1
07/21/2023 1230	71	121	29	96	14	114407169.9
07/21/2023 1245	74	129	33	98	14	116729411.4
07/21/2023 1300	76	139	36	101	14	117722637.4
07/21/2023 1315	78	153	39	103	14	118603011.9
07/21/2023 1330	79	170	42	106	14	119418511.1
07/21/2023 1345	79	189	45	108	14	119434817.3
07/21/2023 1400	78	206	48	111	14	118636187.2
07/21/2023 1415	76	220	51	115	14	117748468.4
07/21/2023 1430	74	231	53	119	14	116779018.6
07/21/2023 1445	72	239	56	123	14	114509432.5
07/21/2023 1500	69	245	59	128	14	111195739.7
07/21/2023 1515	66	250	61	133	14	108165259.2
07/21/2023 1530	63	254	63	139	15	105169452.4
07/21/2023 1545	60	257	65	147	15	101196471
07/21/2023 1600	56	260	66	155	15	96280893.64
07/21/2023 1615	53	263	67	164	15	90947042.78
07/21/2023 1630	50	265	68	173	15	85268295.93
07/21/2023 1645	47	267	68	183	15	79271611.47
07/21/2023 1700	44	269	68	193	15	73290295.19
07/21/2023 1715	40	271	67	202	15	67466934.07
07/21/2023 1730	37	273	65	210	15	61502796.74
07/21/2023 1745	34	275	63	217	15	55160035.98
07/21/2023 1800	31	277	61	224	15	48614396.72
07/21/2023 1815	28	278	59	229	15	42141615.92
07/21/2023 1830	24	280	56	234	15	35827747.07
07/21/2023 1845	21	282	54	239	15	29737661.2
07/21/2023 1900	18	283	51	242	16	24027281.49
07/21/2023 1915	15	285	48	246	16	18753553.24
07/21/2023 1930	12	287	45	249	16	13880407.81
07/21/2023 1945	9	288	42	252	16	9523986.03
07/21/2023 2000	6	290	39	254	16	5839415.2
07/21/2023 2015	3	292	36	257	16	2861105.59
07/21/2023 2030	0	294	33	259	16	938612.96
07/21/2023 2045	-3	296	30	261	16	79402.67
07/21/2023 2100	-6	298	27	263	16	3960
07/21/2023 2115	-9	300	23	265	16	169.21
07/21/2023 2130	-11	302	20	267	16	14.17
07/21/2023 2145	-14	305	17	269	16	3.38
07/21/2023 2200	-17	307	14	271	16	1.81
07/21/2023 2215	-19	310	11	273	16	1.39
07/21/2023 2230	-22	313	8	275	17	0.72
07/21/2023 2245	-24	315	5	276	17	0.63
07/21/2023 2300	-26	318	2	278	17	0.55
07/21/2023 2315	-28	322	-2	280	17	0.51
07/21/2023 2330	-30	325	-5	282	17	0.5
07/21/2023 2345	-32	329	-8	284	17	0.5

07/22/2023 0000	-34	332	-11	286	17	0.5
07/22/2023 0015	-35	336	-14	288	17	0.5
07/22/2023 0030	-36	340	-17	290	17	0.5
07/22/2023 0045	-37	344	-20	292	17	0.5
07/22/2023 0100	-38	349	-23	294	17	0.5
07/22/2023 0115	-38	353	-26	297	17	0.5
07/22/2023 0130	-39	358	-28	299	17	0.5
07/22/2023 0145	-39	2	-31	302	18	0.5
07/22/2023 0200	-38	7	-34	305	18	0.5
07/22/2023 0215	-38	11	-36	308	18	0.5
07/22/2023 0230	-37	15	-39	311	18	0.5
07/22/2023 0245	-36	20	-41	315	18	0.5
07/22/2023 0300	-35	24	-43	319	18	0.5
07/22/2023 0315	-34	28	-45	323	18	0.5
07/22/2023 0330	-32	31	-47	327	18	0.5
07/22/2023 0345	-30	35	-49	332	18	0.5
07/22/2023 0400	-28	38	-50	337	18	0.5
07/22/2023 0415	-26	41	-51	343	18	0.5
07/22/2023 0430	-24	45	-52	348	18	0.5
07/22/2023 0445	-22	47	-52	354	18	0.5
07/22/2023 0500	-19	50	-53	360	18	1.04
07/22/2023 0515	-17	53	-53	6	19	1.31
07/22/2023 0530	-14	55	-52	12	19	2.6
07/22/2023 0545	-12	58	-51	17	19	11.95
07/22/2023 0600	-9	60	-50	23	19	142.62
07/22/2023 0615	-6	62	-49	28	19	3299.26
07/22/2023 0630	-3	64	-48	33	19	68250.82
07/22/2023 0645	0	66	-46	37	19	870258.34
07/22/2023 0700	3	68	-44	42	19	2719123.02
07/22/2023 0715	6	70	-42	46	19	5651785.34
07/22/2023 0730	9	72	-40	49	19	9297705.04
07/22/2023 0745	12	73	-37	53	19	13618822.25
07/22/2023 0800	15	75	-35	56	19	18467628.58
07/22/2023 0815	18	77	-32	59	19	23717924.94
07/22/2023 0830	21	78	-30	62	20	29402902.83
07/22/2023 0845	24	80	-27	65	20	35475127.22
07/22/2023 0900	27	82	-24	67	20	41778210.22
07/22/2023 0915	31	84	-21	69	20	48241460.16
07/22/2023 0930	34	85	-18	72	20	54787355.63
07/22/2023 0945	37	87	-15	74	20	61147858.86
07/22/2023 1000	40	89	-12	76	20	67128745.18
07/22/2023 1015	43	91	-9	78	20	72946530.94
07/22/2023 1030	47	93	-6	80	20	78913821.83
07/22/2023 1045	50	95	-3	82	20	84915514.92
07/22/2023 1100	53	97	0	84	20	90611748.9
07/22/2023 1115	56	100	3	86	20	95957314.14
07/22/2023 1130	59	103	6	88	21	100903425.7

07/22/2023 1145	62	106	9	90	21	104942463.3
07/22/2023 1200	66	110	12	92	21	107968950
07/22/2023 1215	68	115	15	94	21	110951854.2
07/22/2023 1230	71	121	18	96	21	114260109.2
07/22/2023 1245	74	129	21	98	21	116639378.2
07/22/2023 1300	76	140	25	100	21	117663130.4
07/22/2023 1315	78	153	28	102	21	118483053.7
07/22/2023 1330	79	170	31	105	21	119242344.4
07/22/2023 1345	79	189	34	107	21	119260111.3
07/22/2023 1400	78	206	37	110	21	118518486.2
07/22/2023 1415	76	220	40	113	21	117692148.4
07/22/2023 1430	74	230	42	116	21	116699385.2
07/22/2023 1445	71	238	45	119	22	114379659.3
07/22/2023 1500	69	244	48	123	22	111078018.7
07/22/2023 1515	66	249	50	127	22	108077023.7
07/22/2023 1530	63	253	53	131	22	105073450.3
07/22/2023 1545	59	257	55	136	22	101077252.8
07/22/2023 1600	56	260	57	142	22	96152754.7
07/22/2023 1615	53	262	59	148	22	90816833.25
07/22/2023 1630	50	265	60	154	22	85132746.62
07/22/2023 1645	47	267	61	162	22	79134370.89
07/22/2023 1700	44	269	62	169	22	73157857.61
07/22/2023 1715	40	271	63	177	22	67335496.1
07/22/2023 1730	37	273	62	185	22	61362842.37
07/22/2023 1745	34	275	62	193	23	55010045.02
07/22/2023 1800	31	276	61	200	23	48460545.72
07/22/2023 1815	28	278	60	207	23	41987474.22
07/22/2023 1830	24	280	58	214	23	35673454.63
07/22/2023 1845	21	281	56	219	23	29586042.13
07/22/2023 1900	18	283	54	225	23	23881881.34
07/22/2023 1915	15	285	51	229	23	18613770.07
07/22/2023 1930	12	287	49	234	23	13746968.8
07/22/2023 1945	9	288	46	237	23	9403208.14
07/22/2023 2000	6	290	43	241	23	5734423.24
07/22/2023 2015	3	292	41	244	23	2777417.87
07/22/2023 2030	0	294	38	247	23	895904.92
07/22/2023 2045	-3	296	35	250	24	71958.9
07/22/2023 2100	-6	298	32	252	24	3492.98
07/22/2023 2115	-9	300	29	254	24	151.35
07/22/2023 2130	-12	302	26	257	24	14.29
07/22/2023 2145	-14	305	23	259	24	4.35
07/22/2023 2200	-17	307	19	261	24	2.74
07/22/2023 2215	-19	310	16	263	24	2.18
07/22/2023 2230	-22	312	13	265	24	1.36
07/22/2023 2245	-24	315	10	267	24	1.11
07/22/2023 2300	-26	318	7	269	24	0.88
07/22/2023 2315	-28	321	4	270	24	0.7

07/22/2023 2330	-30	325	1	272	25	0.57
07/22/2023 2345	-32	328	-3	274	25	0.51
07/23/2023 0000	-34	332	-6	276	25	0.5
07/23/2023 0015	-35	336	-9	278	25	0.5
07/23/2023 0030	-36	340	-12	280	25	0.5
07/23/2023 0045	-37	344	-15	282	25	0.5
07/23/2023 0100	-38	349	-18	284	25	0.5
07/23/2023 0115	-39	353	-21	286	25	0.5
07/23/2023 0130	-39	358	-24	288	25	0.5
07/23/2023 0145	-39	2	-27	290	25	0.5
07/23/2023 0200	-39	7	-30	293	25	0.5
07/23/2023 0215	-38	11	-33	295	25	0.5
07/23/2023 0230	-37	15	-36	298	26	0.5
07/23/2023 0245	-36	20	-39	301	26	0.5
07/23/2023 0300	-35	24	-41	304	26	0.5
07/23/2023 0315	-34	28	-44	308	26	0.5
07/23/2023 0330	-32	31	-46	312	26	0.5
07/23/2023 0345	-30	35	-48	316	26	0.5
07/23/2023 0400	-29	38	-51	320	26	0.5
07/23/2023 0415	-26	42	-53	325	26	0.5
07/23/2023 0430	-24	45	-54	330	26	0.5
07/23/2023 0445	-22	48	-56	336	26	0.5
07/23/2023 0500	-20	50	-57	342	26	1.03
07/23/2023 0515	-17	53	-58	349	27	1.28
07/23/2023 0530	-14	55	-58	355	27	2.46
07/23/2023 0545	-12	58	-58	2	27	10.83
07/23/2023 0600	-9	60	-58	9	27	124.51
07/23/2023 0615	-6	62	-57	16	27	2857.05
07/23/2023 0630	-3	64	-56	22	27	60829.12
07/23/2023 0645	0	66	-55	28	27	823862.4
07/23/2023 0700	3	68	-54	34	27	2624180.15
07/23/2023 0715	6	70	-52	39	27	5530177.18
07/23/2023 0730	9	72	-50	44	27	9156604.95
07/23/2023 0745	12	73	-48	48	27	13461285.05
07/23/2023 0800	15	75	-45	52	27	18301124.35
07/23/2023 0815	18	77	-43	56	28	23543665.46
07/23/2023 0830	21	79	-40	59	28	29219899.38
07/23/2023 0845	24	80	-38	62	28	35287436.57
07/23/2023 0900	27	82	-35	65	28	41589570.1
07/23/2023 0915	31	84	-32	68	28	48052155.48
07/23/2023 0930	34	85	-29	71	28	54601519.14
07/23/2023 0945	37	87	-26	73	28	60973471.36
07/23/2023 1000	40	89	-23	75	28	66964989.56
07/23/2023 1015	43	91	-20	78	28	72781988.45
07/23/2023 1030	47	93	-17	80	28	78743119.05
07/23/2023 1045	50	95	-14	82	28	84746554.86
07/23/2023 1100	53	98	-11	84	29	90450043.56

07/23/2023 1115	56	100	-8	86	29	95799144.75
07/23/2023 1130	59	103	-5	88	29	100756150.5
07/23/2023 1145	62	107	-2	90	29	104824168.6
07/23/2023 1200	65	111	1	92	29	107864341.2
07/23/2023 1215	68	116	4	94	29	110816345.3
07/23/2023 1230	71	122	7	95	29	114107910.8
07/23/2023 1245	74	130	10	97	29	116542357
07/23/2023 1300	76	140	13	100	29	117602985.4
07/23/2023 1315	78	154	16	102	29	118368607.8
07/23/2023 1330	79	170	19	104	29	119070284.3
07/23/2023 1345	79	189	22	106	30	119088556.2
07/23/2023 1400	78	206	25	108	30	118404452.8
07/23/2023 1415	76	219	28	111	30	117634335.9
07/23/2023 1430	74	230	31	114	30	116611464.3
07/23/2023 1445	71	238	34	116	30	114240750.8
07/23/2023 1500	68	244	37	119	30	110953984.1
07/23/2023 1515	66	249	39	123	30	107983251.6
07/23/2023 1530	62	253	42	126	30	104970096.2
07/23/2023 1545	59	256	44	130	30	100949185.6
07/23/2023 1600	56	259	47	134	30	96015510.16
07/23/2023 1615	53	262	49	138	31	90677321.87
07/23/2023 1630	50	264	51	143	31	84987522.4
07/23/2023 1645	47	267	53	149	31	78987614.95
07/23/2023 1700	43	269	54	154	31	73016411.74
07/23/2023 1715	40	271	55	160	31	67195033.51
07/23/2023 1730	37	273	56	167	31	61213285.83
07/23/2023 1745	34	274	57	173	31	54850092.53
07/23/2023 1800	31	276	57	180	31	48296869.36
07/23/2023 1815	27	278	56	187	31	41823751.37
07/23/2023 1830	24	280	56	193	31	35509845.07
07/23/2023 1845	21	281	55	200	31	29425639.96
07/23/2023 1900	18	283	54	206	32	23728352.65
07/23/2023 1915	15	285	52	211	32	18466370.44
07/23/2023 1930	12	286	50	216	32	13606622.77
07/23/2023 1945	9	288	48	221	32	9276617.36
07/23/2023 2000	6	290	46	225	32	5624653.81
07/23/2023 2015	3	292	44	229	32	2690735.96
07/23/2023 2030	0	294	41	233	32	852723.48
07/23/2023 2045	-3	296	39	236	32	64824.27
07/23/2023 2100	-6	298	36	239	32	3063.65
07/23/2023 2115	-9	300	33	242	32	136.25
07/23/2023 2130	-12	302	30	245	32	15.56
07/23/2023 2145	-14	304	27	248	33	6.35
07/23/2023 2200	-17	307	24	250	33	4.61
07/23/2023 2215	-20	309	21	252	33	3.83
07/23/2023 2230	-22	312	18	254	33	2.79
07/23/2023 2245	-24	315	15	256	33	2.3

07/23/2023 2300	-26	318	12	258	33	1.84
07/23/2023 2315	-29	321	9	260	33	1.42
07/23/2023 2330	-30	325	6	262	33	1.06
07/23/2023 2345	-32	328	3	264	33	0.76
07/24/2023 0000	-34	332	0	266	33	0.58
07/24/2023 0015	-35	336	-4	268	34	0.5
07/24/2023 0030	-36	340	-7	270	34	0.5
07/24/2023 0045	-37	344	-10	272	34	0.5
07/24/2023 0100	-38	349	-13	273	34	0.5
07/24/2023 0115	-39	353	-16	275	34	0.5
07/24/2023 0130	-39	358	-19	277	34	0.5
07/24/2023 0145	-39	2	-22	279	34	0.5
07/24/2023 0200	-39	7	-26	281	34	0.5
07/24/2023 0215	-38	11	-29	283	34	0.5
07/24/2023 0230	-38	16	-32	286	34	0.5
07/24/2023 0245	-37	20	-35	288	34	0.5
07/24/2023 0300	-35	24	-38	291	35	0.5
07/24/2023 0315	-34	28	-40	293	35	0.5
07/24/2023 0330	-32	32	-43	296	35	0.5
07/24/2023 0345	-31	35	-46	300	35	0.5
07/24/2023 0400	-29	39	-49	303	35	0.5
07/24/2023 0415	-27	42	-51	307	35	0.5
07/24/2023 0430	-24	45	-54	311	35	0.5
07/24/2023 0445	-22	48	-56	316	35	0.5
07/24/2023 0500	-20	50	-58	322	35	1.03
07/24/2023 0515	-17	53	-60	328	35	1.26
07/24/2023 0530	-15	56	-61	334	36	2.33
07/24/2023 0545	-12	58	-63	342	36	9.82
07/24/2023 0600	-9	60	-64	349	36	108.69
07/24/2023 0615	-6	62	-64	357	36	2469.52
07/24/2023 0630	-3	64	-64	5	36	54065.33
07/24/2023 0645	0	66	-64	13	36	778956.15
07/24/2023 0700	3	68	-63	21	36	2530026.62
07/24/2023 0715	6	70	-61	28	36	5408432.68
07/24/2023 0730	9	72	-60	35	36	9015241.04
07/24/2023 0745	12	74	-58	41	36	13303170.08
07/24/2023 0800	15	75	-56	46	37	18133839.49
07/24/2023 0815	18	77	-54	51	37	23368671.49
07/24/2023 0830	21	79	-51	55	37	29036089.8
07/24/2023 0845	24	81	-49	59	37	35098756.24
07/24/2023 0900	27	82	-46	63	37	41399884.17
07/24/2023 0915	30	84	-43	66	37	47861748.8
07/24/2023 0930	34	86	-40	69	37	54414331.24
07/24/2023 0945	37	87	-38	72	37	60797559.44
07/24/2023 1000	40	89	-35	74	37	66799897.65
07/24/2023 1015	43	91	-32	77	37	72616300.55
07/24/2023 1030	46	93	-29	79	38	78570985.76

07/24/2023 1045	50	96	-26	81	38	84575670.29
07/24/2023 1100	53	98	-23	83	38	90286252.29
07/24/2023 1115	56	101	-20	86	38	95638710.99
07/24/2023 1130	59	104	-16	88	38	100605873.9
07/24/2023 1145	62	107	-13	89	38	104702652.6
07/24/2023 1200	65	111	-10	91	38	107757889
07/24/2023 1215	68	116	-7	93	38	110679354
07/24/2023 1230	71	122	-4	95	38	113950633.3
07/24/2023 1245	74	130	-1	97	38	116437889.9
07/24/2023 1300	76	141	2	99	39	117541490.2
07/24/2023 1315	78	154	5	101	39	118259918.1
07/24/2023 1330	79	171	8	103	39	118903798
07/24/2023 1345	79	189	11	105	39	118921740.5
07/24/2023 1400	78	205	14	107	39	118294699.4
07/24/2023 1415	76	219	17	110	39	117574491.7
07/24/2023 1430	74	229	20	112	39	116514516.5
07/24/2023 1445	71	237	23	114	39	114092566.3
07/24/2023 1500	68	243	26	117	39	110823780.3
07/24/2023 1515	65	248	28	120	39	107883864.7
07/24/2023 1530	62	253	31	122	40	104859127.4
07/24/2023 1545	59	256	34	125	40	100812065.2
07/24/2023 1600	56	259	36	129	40	95869032.88
07/24/2023 1615	53	262	38	132	40	90528373.48
07/24/2023 1630	50	264	41	136	40	84832495.58
07/24/2023 1645	47	266	43	140	40	78831268.77
07/24/2023 1700	43	269	45	144	40	72865899.86
07/24/2023 1715	40	270	46	149	40	67045450.26
07/24/2023 1730	37	272	48	154	40	61054010.86
07/24/2023 1745	34	274	49	159	40	54680095.77
07/24/2023 1800	31	276	50	165	41	48123322.55
07/24/2023 1815	27	278	50	170	41	41650414.21
07/24/2023 1830	24	279	51	176	41	35336903.1
07/24/2023 1845	21	281	51	182	41	29256471.7
07/24/2023 1900	18	283	50	187	41	23566724.45
07/24/2023 1915	15	284	50	193	41	18311385.62
07/24/2023 1930	12	286	49	199	41	13459436.82
07/24/2023 1945	9	288	48	204	41	9144312.63
07/24/2023 2000	6	290	46	209	41	5510213.74
07/24/2023 2015	3	292	45	213	41	2601279.13
07/24/2023 2030	0	294	43	218	42	809251
07/24/2023 2045	-3	295	41	222	42	58040.89
07/24/2023 2100	-6	298	38	225	42	2672.69
07/24/2023 2115	-9	300	36	229	42	124.06
07/24/2023 2130	-12	302	34	232	42	18.22
07/24/2023 2145	-15	304	31	235	42	9.67
07/24/2023 2200	-17	307	28	238	42	7.79
07/24/2023 2215	-20	309	26	241	42	6.76

07/24/2023 2230	-22	312	23	243	42	5.42
07/24/2023 2245	-24	315	20	246	42	4.63
07/24/2023 2300	-27	318	17	248	43	3.86
07/24/2023 2315	-29	321	14	250	43	3.13
07/24/2023 2330	-31	325	11	252	43	2.43
07/24/2023 2345	-32	328	8	254	43	1.8
07/25/2023 0000	-34	332	5	256	43	1.26
07/25/2023 0015	-35	336	2	258	43	0.83
07/25/2023 0030	-37	340	-1	260	43	0.56
07/25/2023 0045	-38	344	-4	262	43	0.5
07/25/2023 0100	-38	349	-7	263	43	0.5
07/25/2023 0115	-39	353	-11	265	43	0.5
07/25/2023 0130	-39	358	-14	267	44	0.5
07/25/2023 0145	-39	2	-17	269	44	0.5
07/25/2023 0200	-39	7	-20	271	44	0.5
07/25/2023 0215	-38	11	-23	272	44	0.5
07/25/2023 0230	-38	16	-26	274	44	0.5
07/25/2023 0245	-37	20	-29	276	44	0.5
07/25/2023 0300	-36	24	-32	278	44	0.5
07/25/2023 0315	-34	28	-35	280	44	0.5
07/25/2023 0330	-33	32	-39	283	44	0.5
07/25/2023 0345	-31	35	-42	285	45	0.5
07/25/2023 0400	-29	39	-45	288	45	0.5
07/25/2023 0415	-27	42	-48	291	45	0.5
07/25/2023 0430	-25	45	-50	294	45	0.5
07/25/2023 0445	-22	48	-53	297	45	0.5
07/25/2023 0500	-20	51	-56	301	45	1.02
07/25/2023 0515	-17	53	-59	306	45	1.24
07/25/2023 0530	-15	56	-61	311	45	2.21
07/25/2023 0545	-12	58	-63	316	45	8.92
07/25/2023 0600	-9	60	-65	323	45	94.89
07/25/2023 0615	-6	62	-67	331	46	2130.96
07/25/2023 0630	-4	64	-68	339	46	47924.25
07/25/2023 0645	0	66	-69	349	46	735531.87
07/25/2023 0700	3	68	-70	359	46	2436804.43
07/25/2023 0715	5	70	-70	9	46	5286648.77
07/25/2023 0730	8	72	-69	19	46	8873712.63
07/25/2023 0745	12	74	-68	28	46	13144584.71
07/25/2023 0800	15	76	-66	36	46	17965867.92
07/25/2023 0815	18	77	-64	43	46	23193033.32
07/25/2023 0830	21	79	-62	49	46	28851568.2
07/25/2023 0845	24	81	-60	54	47	34909172.14
07/25/2023 0900	27	82	-57	59	47	41209225.67
07/25/2023 0915	30	84	-54	63	47	47670308.5
07/25/2023 0930	34	86	-52	67	47	54225850.72
07/25/2023 0945	37	88	-49	70	47	60620157.73
07/25/2023 1000	40	90	-46	73	47	66633485.3

07/25/2023 1015	43	92	-43	76	47	72449485.44
07/25/2023 1030	46	94	-40	78	47	78397441.54
07/25/2023 1045	50	96	-37	81	47	84402858.07
07/25/2023 1100	53	98	-34	83	48	90120347.91
07/25/2023 1115	56	101	-31	85	48	95475986.42
07/25/2023 1130	59	104	-28	87	48	100452551.4
07/25/2023 1145	62	108	-25	89	48	104577802.3
07/25/2023 1200	65	112	-22	91	48	107649485.3
07/25/2023 1215	68	117	-19	93	48	110540942.4
07/25/2023 1230	71	123	-16	95	48	113788356
07/25/2023 1245	73	131	-13	97	48	116325534.1
07/25/2023 1300	76	141	-10	99	48	117477836
07/25/2023 1315	77	154	-7	100	48	118157022.9
07/25/2023 1330	78	171	-3	102	49	118744172.8
07/25/2023 1345	78	188	0	104	49	118761097.8
07/25/2023 1400	77	205	3	106	49	118189632
07/25/2023 1415	76	218	6	108	49	117511913.3
07/25/2023 1430	74	229	8	110	49	116407785
07/25/2023 1445	71	237	11	112	49	113935021.7
07/25/2023 1500	68	243	14	115	49	110687579.3
07/25/2023 1515	65	248	17	117	49	107778774.2
07/25/2023 1530	62	252	20	119	49	104740272.5
07/25/2023 1545	59	256	22	122	50	100665695.6
07/25/2023 1600	56	259	25	125	50	95713206.78
07/25/2023 1615	53	261	27	128	50	90369861.3
07/25/2023 1630	50	264	30	131	50	84667550.63
07/25/2023 1645	47	266	32	134	50	78665273.92
07/25/2023 1700	43	268	34	137	50	72706277.83
07/25/2023 1715	40	270	36	141	50	66886659.15
07/25/2023 1730	37	272	38	145	50	60884911.24
07/25/2023 1745	34	274	40	149	50	54499986.31
07/25/2023 1800	30	276	41	153	50	47939875.36
07/25/2023 1815	27	277	42	158	51	41467443.79
07/25/2023 1830	24	279	44	162	51	35154628.61
07/25/2023 1845	21	281	44	167	51	29078570.13
07/25/2023 1900	18	283	45	172	51	23397039.4
07/25/2023 1915	15	284	45	177	51	18148859.98
07/25/2023 1930	12	286	45	182	51	13305493.46
07/25/2023 1945	9	288	45	187	51	9006406.13
07/25/2023 2000	6	290	44	192	51	5391223.13
07/25/2023 2015	3	291	43	197	51	2509289.7
07/25/2023 2030	0	293	42	202	52	765657.72
07/25/2023 2045	-3	295	41	206	52	51643.51
07/25/2023 2100	-6	297	39	210	52	2319.92
07/25/2023 2115	-9	299	38	214	52	114.75
07/25/2023 2130	-12	302	36	218	52	22.36
07/25/2023 2145	-15	304	34	222	52	14.49

07/25/2023 2200	-17	307	31	225	52	12.52
07/25/2023 2215	-20	309	29	228	52	11.27
07/25/2023 2230	-22	312	27	231	52	9.68
07/25/2023 2245	-25	315	24	234	53	8.57
07/25/2023 2300	-27	318	22	236	53	7.45
07/25/2023 2315	-29	321	19	239	53	6.34
07/25/2023 2330	-31	324	16	241	53	5.26
07/25/2023 2345	-33	328	13	243	53	4.22
07/26/2023 0000	-34	332	11	246	53	3.24
07/26/2023 0015	-36	336	8	248	53	2.34
07/26/2023 0030	-37	340	5	250	53	1.57
07/26/2023 0045	-38	344	2	251	53	0.96
07/26/2023 0100	-39	349	-1	253	53	0.58
07/26/2023 0115	-39	353	-4	255	54	0.51
07/26/2023 0130	-39	358	-7	257	54	0.5
07/26/2023 0145	-39	2	-10	259	54	0.5
07/26/2023 0200	-39	7	-14	260	54	0.5
07/26/2023 0215	-39	11	-17	262	54	0.5
07/26/2023 0230	-38	16	-20	264	54	0.5
07/26/2023 0245	-37	20	-23	265	54	0.5
07/26/2023 0300	-36	24	-26	267	54	0.5
07/26/2023 0315	-34	28	-29	269	54	0.5
07/26/2023 0330	-33	32	-32	271	55	0.5
07/26/2023 0345	-31	35	-35	273	55	0.5
07/26/2023 0400	-29	39	-38	275	55	0.5
07/26/2023 0415	-27	42	-41	277	55	0.5
07/26/2023 0430	-25	45	-45	279	55	0.5
07/26/2023 0445	-22	48	-48	281	55	0.5
07/26/2023 0500	-20	51	-51	284	55	1.02
07/26/2023 0515	-17	53	-54	287	55	1.22
07/26/2023 0530	-15	56	-57	290	55	2.1
07/26/2023 0545	-12	58	-59	293	56	8.12
07/26/2023 0600	-9	60	-62	298	56	82.87
07/26/2023 0615	-7	63	-65	302	56	1836.02
07/26/2023 0630	-4	65	-67	308	56	42368.98
07/26/2023 0645	-1	67	-70	315	56	475711.63
07/26/2023 0700	2	69	-72	324	56	2344650.3
07/26/2023 0715	5	70	-73	334	56	5164917.14
07/26/2023 0730	8	72	-75	346	56	8732110.78
07/26/2023 0745	11	74	-75	359	56	12985628.31
07/26/2023 0800	15	76	-75	12	56	17797295.09
07/26/2023 0815	18	78	-74	24	57	23016831.35
07/26/2023 0830	21	79	-72	35	57	28666418.3
07/26/2023 0845	24	81	-71	44	57	34718759.68
07/26/2023 0900	27	83	-68	52	57	41017656.79
07/26/2023 0915	30	84	-66	58	57	47477891.42
07/26/2023 0930	33	86	-63	63	57	54036125.43

07/26/2023 0945	37	88	-60	67	57	60441290.54
07/26/2023 1000	40	90	-58	71	57	66465757.71
07/26/2023 1015	43	92	-55	74	57	72281550.18
07/26/2023 1030	46	94	-52	77	58	78222495.29
07/26/2023 1045	49	96	-49	80	58	84228104.99
07/26/2023 1100	53	99	-46	82	58	89952292.84
07/26/2023 1115	56	101	-43	85	58	95310934.74
07/26/2023 1130	59	104	-40	87	58	100296132.1
07/26/2023 1145	62	108	-37	89	58	104449497.3
07/26/2023 1200	65	112	-34	91	58	107539008.9
07/26/2023 1215	68	117	-31	93	58	110401163.8
07/26/2023 1230	71	123	-27	94	58	113621179.2
07/26/2023 1245	73	131	-24	96	58	116204866.2
07/26/2023 1300	76	142	-21	98	59	117411120.1
07/26/2023 1315	77	155	-18	100	59	118059731.7
07/26/2023 1330	78	171	-15	102	59	118592457.8
07/26/2023 1345	78	188	-12	103	59	118607839.2
07/26/2023 1400	77	204	-9	105	59	118089409.1
07/26/2023 1415	76	218	-6	107	59	117445732.5
07/26/2023 1430	73	228	-3	109	59	116290511.4
07/26/2023 1445	71	236	0	111	59	113768098.4
07/26/2023 1500	68	243	3	113	59	110545578.7
07/26/2023 1515	65	248	5	115	60	107667878.6
07/26/2023 1530	62	252	8	117	60	104613253.3
07/26/2023 1545	59	255	11	119	60	100509891.9
07/26/2023 1600	56	258	13	121	60	95547928.75
07/26/2023 1615	53	261	16	124	60	90201668.1
07/26/2023 1630	50	264	18	126	60	84492585.28
07/26/2023 1645	46	266	21	129	60	78489588.71
07/26/2023 1700	43	268	23	131	60	72537514.19
07/26/2023 1715	40	270	26	134	60	66718580.9
07/26/2023 1730	37	272	28	137	61	60705890.6
07/26/2023 1745	34	274	30	141	61	54309710.26
07/26/2023 1800	30	275	32	144	61	47746513.25
07/26/2023 1815	27	277	33	148	61	41274835.72
07/26/2023 1830	24	279	35	151	61	34963037.44
07/26/2023 1845	21	281	36	155	61	28891984.44
07/26/2023 1900	18	282	37	159	61	23219354.01
07/26/2023 1915	15	284	38	164	61	17978851.5
07/26/2023 1930	12	286	39	168	61	13144891.04
07/26/2023 1945	8	288	39	172	61	8863023.22
07/26/2023 2000	5	289	40	177	62	5267815.9
07/26/2023 2015	3	291	40	181	62	2415033.5
07/26/2023 2030	0	293	39	186	62	722094.88
07/26/2023 2045	-4	295	39	190	62	45658.99
07/26/2023 2100	-6	297	38	195	62	2004.22
07/26/2023 2115	-9	299	37	199	62	107.96

07/26/2023 2130	-12	302	36	203	62	27.8
07/26/2023 2145	-15	304	35	207	62	20.72
07/26/2023 2200	-17	306	33	211	62	18.84
07/26/2023 2215	-20	309	31	214	63	17.54
07/26/2023 2230	-22	312	30	218	63	15.81
07/26/2023 2245	-25	315	28	221	63	14.51
07/26/2023 2300	-27	318	25	224	63	13.13
07/26/2023 2315	-29	321	23	227	63	11.69
07/26/2023 2330	-31	324	21	229	63	10.22
07/26/2023 2345	-33	328	18	232	63	8.76
07/27/2023 0000	-34	332	16	234	63	7.32
07/27/2023 0015	-36	336	13	237	63	5.91
07/27/2023 0030	-37	340	11	239	64	4.56
07/27/2023 0045	-38	344	8	241	64	3.31
07/27/2023 0100	-39	348	5	243	64	2.22
07/27/2023 0115	-39	353	3	245	64	1.32
07/27/2023 0130	-40	358	0	247	64	0.76
07/27/2023 0145	-40	2	-4	249	64	0.52
07/27/2023 0200	-39	7	-6	250	64	0.5
07/27/2023 0215	-39	11	-9	252	64	0.5
07/27/2023 0230	-38	16	-12	254	64	0.5
07/27/2023 0245	-37	20	-15	255	64	0.5
07/27/2023 0300	-36	24	-18	257	65	0.5
07/27/2023 0315	-35	28	-21	259	65	0.5
07/27/2023 0330	-33	32	-24	260	65	0.5
07/27/2023 0345	-31	36	-28	262	65	0.5
07/27/2023 0400	-29	39	-31	263	65	0.5
07/27/2023 0415	-27	42	-34	265	65	0.5
07/27/2023 0430	-25	45	-37	267	65	0.5
07/27/2023 0445	-23	48	-40	268	65	0.5
07/27/2023 0500	-20	51	-43	270	65	0.5
07/27/2023 0515	-18	54	-46	272	66	1.2
07/27/2023 0530	-15	56	-49	274	66	2
07/27/2023 0545	-12	58	-52	276	66	7.39
07/27/2023 0600	-10	61	-55	279	66	72.42
07/27/2023 0615	-7	63	-58	281	66	1579.78
07/27/2023 0630	-4	65	-61	284	66	37361.61
07/27/2023 0645	-1	67	-64	287	66	438612.38
07/27/2023 0700	2	69	-67	291	66	2253695.53
07/27/2023 0715	5	71	-70	296	66	5043324.64
07/27/2023 0730	8	72	-73	303	66	8590518.57
07/27/2023 0745	11	74	-75	311	67	12826392.53
07/27/2023 0800	14	76	-77	321	67	17628198.36
07/27/2023 0815	18	78	-79	335	67	22840136.48
07/27/2023 0830	21	79	-80	353	67	28480713.75
07/27/2023 0845	24	81	-80	12	67	34527584.24
07/27/2023 0900	27	83	-79	29	67	40825229.11

07/27/2023 0915	30	85	-77	42	67	47284543.38
07/27/2023 0930	33	86	-75	53	67	53845192.59
07/27/2023 0945	37	88	-72	60	67	60260972.23
07/27/2023 1000	40	90	-70	66	68	66296709.85
07/27/2023 1015	43	92	-67	71	68	72112491.15
07/27/2023 1030	46	94	-64	75	68	78046145.65
07/27/2023 1045	49	97	-61	78	68	84051388.23
07/27/2023 1100	53	99	-58	81	68	89782039.53
07/27/2023 1115	56	102	-55	84	68	95143510.15
07/27/2023 1130	59	105	-52	86	68	100136557.6
07/27/2023 1145	62	108	-49	88	68	104317610.1
07/27/2023 1200	65	113	-46	90	68	107426324.9
07/27/2023 1215	68	118	-43	92	68	110260063.9
07/27/2023 1230	71	124	-40	94	69	113449226.2
07/27/2023 1245	73	132	-37	95	69	116075493.2
07/27/2023 1300	75	142	-34	97	69	117340357.2
07/27/2023 1315	77	155	-31	99	69	117967610.4
07/27/2023 1330	78	171	-28	100	69	118449406.5
07/27/2023 1345	78	188	-25	102	69	118462883.2
07/27/2023 1400	77	204	-22	104	69	117993900.7
07/27/2023 1415	75	217	-19	105	69	117374914.1
07/27/2023 1430	73	228	-16	107	69	116161952.8
07/27/2023 1445	71	236	-13	109	70	113591851.3
07/27/2023 1500	68	242	-10	110	70	110397999.7
07/27/2023 1515	65	247	-7	112	70	107551061.9
07/27/2023 1530	62	251	-4	114	70	104477787.3
07/27/2023 1545	59	255	-1	116	70	100344482.7
07/27/2023 1600	56	258	2	118	70	95373109.17
07/27/2023 1615	53	261	4	120	70	90023686.85
07/27/2023 1630	50	263	7	122	70	84307512.4
07/27/2023 1645	46	266	9	124	70	78304190.24
07/27/2023 1700	43	268	12	126	70	72359591.78
07/27/2023 1715	40	270	14	129	71	66541145.51
07/27/2023 1730	37	272	17	131	71	60516863.88
07/27/2023 1745	33	273	19	134	71	54109229.07
07/27/2023 1800	30	275	21	136	71	47543236.79
07/27/2023 1815	27	277	23	139	71	41072599.21
07/27/2023 1830	24	279	25	142	71	34762160.13
07/27/2023 1845	21	280	27	145	71	28696778.69
07/27/2023 1900	18	282	29	149	71	23033737.05
07/27/2023 1915	15	284	30	152	71	17801430.59
07/27/2023 1930	11	286	31	156	71	12977742.86
07/27/2023 1945	8	287	33	159	72	8714301.14
07/27/2023 2000	5	289	33	163	72	5140139.51
07/27/2023 2015	2	291	34	167	72	2318799.58
07/27/2023 2030	-1	293	35	171	72	462033.1
07/27/2023 2045	-4	295	35	175	72	40105.81

07/27/2023 2100	-7	297	35	179	72	1723.38
07/27/2023 2115	-9	299	35	184	72	102.88
07/27/2023 2130	-12	301	35	188	72	33.92
07/27/2023 2145	-15	304	34	192	72	27.9
07/27/2023 2200	-18	306	33	196	72	26.43
07/27/2023 2215	-20	309	32	199	73	24.88
07/27/2023 2230	-23	312	31	203	73	23.84
07/27/2023 2245	-25	314	30	207	73	22.62
07/27/2023 2300	-27	318	28	210	73	21.24
07/27/2023 2315	-29	321	27	213	73	19.71
07/27/2023 2330	-31	324	25	216	73	18.06
07/27/2023 2345	-33	328	23	219	73	16.29
07/28/2023 0000	-35	332	21	222	73	14.46
07/28/2023 0015	-36	336	19	225	73	12.59
07/28/2023 0030	-37	340	17	227	74	10.73
07/28/2023 0045	-38	344	14	230	74	8.88
07/28/2023 0100	-39	348	12	232	74	7.06
07/28/2023 0115	-40	353	9	234	74	5.33
07/28/2023 0130	-40	358	7	237	74	3.76
07/28/2023 0145	-40	2	4	239	74	2.39
07/28/2023 0200	-40	7	2	240	74	1.31
07/28/2023 0215	-39	11	-2	242	74	0.64
07/28/2023 0230	-38	16	-4	244	74	0.51
07/28/2023 0245	-37	20	-7	246	74	0.5
07/28/2023 0300	-36	24	-10	247	75	0.5
07/28/2023 0315	-35	28	-13	249	75	0.5
07/28/2023 0330	-33	32	-16	251	75	0.5
07/28/2023 0345	-31	36	-19	252	75	0.5
07/28/2023 0400	-29	39	-22	254	75	0.5
07/28/2023 0415	-27	42	-25	255	75	0.5
07/28/2023 0430	-25	45	-28	257	75	0.5
07/28/2023 0445	-23	48	-31	258	75	0.5
07/28/2023 0500	-20	51	-34	260	75	0.5
07/28/2023 0515	-18	54	-37	261	75	1.18
07/28/2023 0530	-15	56	-40	263	76	1.91
07/28/2023 0545	-12	59	-43	264	76	6.75
07/28/2023 0600	-10	61	-46	266	76	63.33
07/28/2023 0615	-7	63	-49	267	76	1357.69
07/28/2023 0630	-4	65	-52	269	76	32863.86
07/28/2023 0645	-1	67	-55	271	76	403474.11
07/28/2023 0700	2	69	-58	273	76	2164065.78
07/28/2023 0715	5	71	-61	275	76	4921953.75
07/28/2023 0730	8	73	-64	277	76	8449011.47
07/28/2023 0745	11	74	-67	280	76	12666961.65
07/28/2023 0800	14	76	-70	283	76	17458647.45
07/28/2023 0815	17	78	-73	288	77	22663010.65
07/28/2023 0830	21	80	-76	293	77	28294518.68

07/28/2023 0845	24	81	-79	301	77	34335701.63
07/28/2023 0900	27	83	-81	313	77	40631984.19
07/28/2023 0915	30	85	-83	332	77	47090299.64
07/28/2023 0930	33	87	-84	360	77	53653079.38
07/28/2023 0945	36	89	-83	28	77	60079207.69
07/28/2023 1000	40	90	-81	47	77	66126327.03
07/28/2023 1015	43	92	-79	60	77	71942294.69
07/28/2023 1030	46	95	-76	68	77	77868381.78
07/28/2023 1045	49	97	-73	73	78	83872676.02
07/28/2023 1100	52	99	-70	78	78	89609531.1
07/28/2023 1115	56	102	-67	81	78	94973657.83
07/28/2023 1130	59	105	-64	84	78	99973763.47
07/28/2023 1145	62	109	-61	86	78	104182006
07/28/2023 1200	65	113	-58	88	78	107311285.2
07/28/2023 1215	68	118	-55	90	78	110117678.4
07/28/2023 1230	70	124	-52	92	78	113272643.9
07/28/2023 1245	73	132	-49	94	78	115937059.4
07/28/2023 1300	75	143	-46	96	78	117264491.2
07/28/2023 1315	77	156	-43	97	79	117879972.8
07/28/2023 1330	78	171	-40	99	79	118315432.4
07/28/2023 1345	78	188	-37	100	79	118326799.9
07/28/2023 1400	77	204	-34	102	79	117902660.7
07/28/2023 1415	75	217	-31	103	79	117298265
07/28/2023 1430	73	227	-28	105	79	116021397.9
07/28/2023 1445	71	235	-25	106	79	113406408.4
07/28/2023 1500	68	242	-22	108	79	110245074.8
07/28/2023 1515	65	247	-19	109	79	107428183.7
07/28/2023 1530	62	251	-17	111	79	104333585.4
07/28/2023 1545	59	255	-14	112	79	100169311.7
07/28/2023 1600	56	258	-11	114	80	95188673.67
07/28/2023 1615	53	260	-8	116	80	89835822.79
07/28/2023 1630	49	263	-5	117	80	84112262.08
07/28/2023 1645	46	265	-3	119	80	78109075.24
07/28/2023 1700	43	267	0	121	80	72172507.15
07/28/2023 1715	40	269	3	123	80	66354291.77
07/28/2023 1730	37	271	5	125	80	60317757.81
07/28/2023 1745	33	273	8	127	80	53898520.65
07/28/2023 1800	30	275	10	129	80	47330062.81
07/28/2023 1815	27	277	12	132	80	40860758.62
07/28/2023 1830	24	278	15	134	81	34552043.82
07/28/2023 1845	21	280	17	137	81	28493033.26
07/28/2023 1900	18	282	19	139	81	22840270.33
07/28/2023 1915	14	284	21	142	81	17616680.78
07/28/2023 1930	11	285	23	145	81	12804177.41
07/28/2023 1945	8	287	24	148	81	8560388.37
07/28/2023 2000	5	289	26	151	81	5008355.19
07/28/2023 2015	2	291	27	154	81	2220899.78

07/28/2023 2030	-1	293	28	158	81	422881.58
07/28/2023 2045	-4	295	30	161	81	34993.87
07/28/2023 2100	-7	297	30	165	81	1474.05
07/28/2023 2115	-10	299	31	169	82	97.97
07/28/2023 2130	-12	301	32	172	82	39.49
07/28/2023 2145	-15	304	32	176	82	35
07/28/2023 2200	-18	306	32	180	82	34.47
07/28/2023 2215	-20	309	32	184	82	33.72
07/28/2023 2230	-23	311	31	188	82	33.37
07/28/2023 2245	-25	314	31	192	82	32.74
07/28/2023 2300	-27	317	30	195	82	31.85
07/28/2023 2315	-29	321	29	199	82	30.69
07/28/2023 2330	-31	324	28	202	82	29.29
07/28/2023 2345	-33	328	27	206	82	27.66
07/29/2023 0000	-35	331	25	209	83	25.81
07/29/2023 0015	-36	335	24	212	83	23.78
07/29/2023 0030	-38	340	22	215	83	21.6
07/29/2023 0045	-39	344	20	218	83	19.3
07/29/2023 0100	-39	348	18	221	83	16.94
07/29/2023 0115	-40	353	16	223	83	14.55
07/29/2023 0130	-40	358	14	226	83	12.15
07/29/2023 0145	-40	2	12	228	83	9.76
07/29/2023 0200	-40	7	9	230	83	7.47
07/29/2023 0215	-39	11	7	232	83	5.36
07/29/2023 0230	-39	16	5	234	83	3.48
07/29/2023 0245	-38	20	2	236	83	1.93
07/29/2023 0300	-36	24	-1	238	84	0.82
07/29/2023 0315	-35	28	-3	240	84	0.54
07/29/2023 0330	-33	32	-6	242	84	0.5
07/29/2023 0345	-32	36	-9	243	84	0.5
07/29/2023 0400	-30	39	-12	245	84	0.5
07/29/2023 0415	-27	43	-14	247	84	0.5
07/29/2023 0430	-25	46	-17	248	84	0.5
07/29/2023 0445	-23	49	-20	250	84	0.5
07/29/2023 0500	-20	51	-23	251	84	0.5
07/29/2023 0515	-18	54	-26	252	84	1.16
07/29/2023 0530	-15	56	-29	254	84	1.83
07/29/2023 0545	-13	59	-32	255	85	6.17
07/29/2023 0600	-10	61	-35	257	85	55.43
07/29/2023 0615	-7	63	-38	258	85	1165.65
07/29/2023 0630	-4	65	-41	259	85	28837.6
07/29/2023 0645	-1	67	-44	261	85	370291.87
07/29/2023 0700	2	69	-47	262	85	2075880.84
07/29/2023 0715	5	71	-50	263	85	4800883.07
07/29/2023 0730	8	73	-53	265	85	8307657.75
07/29/2023 0745	11	75	-56	266	85	12507412.87
07/29/2023 0800	14	76	-59	268	85	17288704.88

07/29/2023 0815	17	78	-62	270	85	22485507.28
07/29/2023 0830	20	80	-65	272	85	28107888.17
07/29/2023 0845	24	82	-68	274	86	34143158.64
07/29/2023 0900	27	83	-71	276	86	40437954.08
07/29/2023 0915	30	85	-74	279	86	46895185.59
07/29/2023 0930	33	87	-77	283	86	53459803.43
07/29/2023 0945	36	89	-80	289	86	59895992.85
07/29/2023 1000	40	91	-83	299	86	65954585.39
07/29/2023 1015	43	93	-85	319	86	71770937.69
07/29/2023 1030	46	95	-86	359	86	77689183.87
07/29/2023 1045	49	97	-85	40	86	83691928.28
07/29/2023 1100	52	100	-83	61	86	89434701.86
07/29/2023 1115	56	102	-80	71	86	94801314.43
07/29/2023 1130	59	106	-77	77	86	99807679.28
07/29/2023 1145	62	109	-74	81	87	104042544.5
07/29/2023 1200	65	113	-71	84	87	107193727.6
07/29/2023 1215	68	119	-68	87	87	109974033
07/29/2023 1230	70	125	-65	89	87	113091603.1
07/29/2023 1245	73	133	-62	91	87	115789255.2
07/29/2023 1300	75	143	-59	93	87	117182409.3
07/29/2023 1315	77	156	-56	94	87	117795876.6
07/29/2023 1330	77	171	-53	96	87	118190567.9
07/29/2023 1345	78	188	-50	97	87	118199758.7
07/29/2023 1400	77	203	-47	99	87	117814907.5
07/29/2023 1415	75	216	-44	100	87	117214453.4
07/29/2023 1430	73	227	-41	101	87	115868194.4
07/29/2023 1445	70	235	-38	103	88	113211980.9
07/29/2023 1500	68	241	-35	104	88	110087046
07/29/2023 1515	65	246	-32	105	88	107299076.6
07/29/2023 1530	62	251	-29	107	88	104180348.4
07/29/2023 1545	59	254	-26	108	88	99984229.18
07/29/2023 1600	56	257	-23	110	88	94994551.04
07/29/2023 1615	52	260	-21	111	88	89637982.73
07/29/2023 1630	49	263	-18	113	88	83906775.19
07/29/2023 1645	46	265	-15	114	88	77904257.72
07/29/2023 1700	43	267	-12	116	88	71976270.89
07/29/2023 1715	40	269	-9	117	88	66157969.51
07/29/2023 1730	36	271	-7	119	88	60108513.69
07/29/2023 1745	33	273	-4	121	88	53677581.06
07/29/2023 1800	30	275	-1	122	89	47107024.41
07/29/2023 1815	27	276	1	124	89	40639352.67
07/29/2023 1830	24	278	4	126	89	34332751.31
07/29/2023 1845	21	280	6	128	89	28280843.78
07/29/2023 1900	17	282	8	131	89	22639047.88
07/29/2023 1915	14	283	11	133	89	17424698.74
07/29/2023 1930	11	285	13	135	89	12624338.63
07/29/2023 1945	8	287	15	138	89	8401444.6

07/29/2023 2000	5	289	17	140	89	4872639.24
07/29/2023 2015	2	291	19	143	89	2121668.91
07/29/2023 2030	-1	293	21	146	89	384960.94
07/29/2023 2045	-4	295	22	149	89	30325.49
07/29/2023 2100	-7	297	24	152	89	1252.37
07/29/2023 2115	-10	299	25	155	90	91.36
07/29/2023 2130	-13	301	27	158	90	42.84
07/29/2023 2145	-15	303	28	161	90	40.51
07/29/2023 2200	-18	306	29	165	90	41.62
07/29/2023 2215	-20	308	29	169	90	42.42
07/29/2023 2230	-23	311	30	172	90	43.54
07/29/2023 2245	-25	314	30	176	90	44.3
07/29/2023 2300	-28	317	30	180	90	44.69
07/29/2023 2315	-30	320	30	183	90	44.69
07/29/2023 2330	-32	324	30	187	90	44.31
07/29/2023 2345	-33	328	29	191	90	43.56
07/30/2023 0000	-35	331	29	194	90	42.43
07/30/2023 0015	-37	335	28	198	90	40.95
07/30/2023 0030	-38	340	27	201	90	39.12
07/30/2023 0045	-39	344	26	204	91	36.98
07/30/2023 0100	-40	348	24	208	91	34.54
07/30/2023 0115	-40	353	23	211	91	31.84
07/30/2023 0130	-40	358	21	214	91	28.92
07/30/2023 0145	-40	2	19	216	91	25.85
07/30/2023 0200	-40	7	18	219	91	22.69
07/30/2023 0215	-40	11	16	222	91	19.48
07/30/2023 0230	-39	16	13	224	91	16.22
07/30/2023 0245	-38	20	11	226	91	12.99
07/30/2023 0300	-37	24	9	229	91	9.89
07/30/2023 0315	-35	29	7	231	91	7.03
07/30/2023 0330	-34	32	4	233	91	4.48
07/30/2023 0345	-32	36	2	235	91	2.39
07/30/2023 0400	-30	39	-1	237	91	0.92
07/30/2023 0415	-28	43	-4	239	92	0.55
07/30/2023 0430	-25	46	-6	240	92	0.5
07/30/2023 0445	-23	49	-9	242	92	0.5
07/30/2023 0500	-21	51	-12	244	92	0.5
07/30/2023 0515	-18	54	-14	245	92	1.15
07/30/2023 0530	-15	57	-17	247	92	1.75
07/30/2023 0545	-13	59	-20	248	92	5.65
07/30/2023 0600	-10	61	-23	250	92	48.56
07/30/2023 0615	-7	63	-26	251	92	999.94
07/30/2023 0630	-4	65	-29	252	92	25245.32
07/30/2023 0645	-1	67	-32	254	92	339049.48
07/30/2023 0700	2	69	-34	255	92	1989254.29
07/30/2023 0715	5	71	-37	256	92	4680187.61
07/30/2023 0730	8	73	-40	258	92	8166518.71

07/30/2023 0745	11	75	-43	259	92	12347816.56
07/30/2023 0800	14	77	-46	260	93	17118426.23
07/30/2023 0815	17	78	-49	262	93	22307671.63
07/30/2023 0830	20	80	-52	263	93	27920868.6
07/30/2023 0845	24	82	-55	265	93	33949993.42
07/30/2023 0900	27	84	-58	266	93	40243161.79
07/30/2023 0915	30	85	-61	268	93	46699217.07
07/30/2023 0930	33	87	-64	269	93	53265373.21
07/30/2023 0945	36	89	-67	271	93	59711315.05
07/30/2023 1000	40	91	-70	273	93	65781452.36
07/30/2023 1015	43	93	-73	276	93	71598388.09
07/30/2023 1030	46	95	-76	279	93	77508523.75
07/30/2023 1045	49	98	-79	284	93	83509097.07
07/30/2023 1100	52	100	-82	292	93	89257477.77
07/30/2023 1115	55	103	-85	307	93	94626408.45
07/30/2023 1130	59	106	-87	343	93	99638228.89
07/30/2023 1145	62	110	-86	35	93	103899078.6
07/30/2023 1200	65	114	-84	60	94	107073476.6
07/30/2023 1215	67	119	-81	72	94	109829141.3
07/30/2023 1230	70	126	-78	78	94	112906297.3
07/30/2023 1245	73	134	-75	82	94	115631824.9
07/30/2023 1300	75	144	-72	85	94	117092960
07/30/2023 1315	76	156	-69	87	94	117714127.3
07/30/2023 1330	77	172	-66	89	94	118074435
07/30/2023 1345	77	188	-63	91	94	118081489.3
07/30/2023 1400	76	203	-60	93	94	117729514.6
07/30/2023 1415	75	216	-57	94	94	117122032
07/30/2023 1430	73	226	-54	96	94	115701770.2
07/30/2023 1445	70	234	-51	97	94	113008864.2
07/30/2023 1500	68	241	-48	99	94	109924157.3
07/30/2023 1515	65	246	-45	100	94	107163545.6
07/30/2023 1530	62	250	-42	101	94	104017775.4
07/30/2023 1545	59	254	-39	103	94	99789102.06
07/30/2023 1600	56	257	-36	104	94	94790680.73
07/30/2023 1615	52	260	-33	105	95	89430078.56
07/30/2023 1630	49	262	-30	107	95	83691000.82
07/30/2023 1645	46	265	-27	108	95	77689758.07
07/30/2023 1700	43	267	-24	109	95	71770891.5
07/30/2023 1715	40	269	-22	111	95	65952123.2
07/30/2023 1730	36	271	-19	112	95	59889075.22
07/30/2023 1745	33	273	-16	114	95	53446417.84
07/30/2023 1800	30	274	-13	115	95	46874170.14
07/30/2023 1815	27	276	-10	117	95	40408437.03
07/30/2023 1830	24	278	-8	118	95	34104364.99
07/30/2023 1845	20	280	-5	120	95	28060324.09
07/30/2023 1900	17	281	-2	122	95	22430177.18
07/30/2023 1915	14	283	1	124	95	17225594.69

07/30/2023 1930	11	285	3	126	95	12438385.36
07/30/2023 1945	8	287	5	128	95	8237639.52
07/30/2023 2000	5	289	8	130	95	4733183.4
07/30/2023 2015	2	290	10	132	95	2021463.82
07/30/2023 2030	-1	292	12	134	95	348473.63
07/30/2023 2045	-4	294	14	137	95	26096.27
07/30/2023 2100	-7	296	17	139	96	1054.48
07/30/2023 2115	-10	299	19	142	96	81.22
07/30/2023 2130	-13	301	20	144	96	42.16
07/30/2023 2145	-15	303	22	147	96	42.68
07/30/2023 2200	-18	306	24	150	96	46.33
07/30/2023 2215	-21	308	25	153	96	49.67
07/30/2023 2230	-23	311	27	157	96	53.33
07/30/2023 2245	-25	314	28	160	96	56.61
07/30/2023 2300	-28	317	29	164	96	59.47
07/30/2023 2315	-30	320	29	167	96	61.88
07/30/2023 2330	-32	324	30	171	96	63.8
07/30/2023 2345	-34	327	30	174	96	65.2
07/31/2023 0000	-35	331	31	178	96	66.06
07/31/2023 0015	-37	335	31	182	96	66.36
07/31/2023 0030	-38	339	31	186	96	66.11
07/31/2023 0045	-39	344	30	189	96	65.28
07/31/2023 0100	-40	348	30	193	96	63.91
07/31/2023 0115	-40	353	29	197	96	61.99
07/31/2023 0130	-41	358	28	200	96	59.56
07/31/2023 0145	-41	2	27	203	96	56.64
07/31/2023 0200	-40	7	25	207	97	53.25
07/31/2023 0215	-40	12	24	210	97	49.45
07/31/2023 0230	-39	16	22	213	97	45.29
07/31/2023 0245	-38	20	21	216	97	40.85
07/31/2023 0300	-37	25	19	219	97	36.21
07/31/2023 0315	-35	29	17	221	97	31.47
07/31/2023 0330	-34	32	15	224	97	26.66
07/31/2023 0345	-32	36	13	226	97	21.82
07/31/2023 0400	-30	40	10	229	97	17.08
07/31/2023 0415	-28	43	8	231	97	12.6
07/31/2023 0430	-26	46	6	233	97	8.54
07/31/2023 0445	-23	49	3	235	97	4.97
07/31/2023 0500	-21	52	1	237	97	2.33
07/31/2023 0515	-18	54	-2	239	97	1.4
07/31/2023 0530	-16	57	-5	241	97	1.71
07/31/2023 0545	-13	59	-7	242	97	5.19
07/31/2023 0600	-10	61	-10	244	97	42.6
07/31/2023 0615	-7	64	-13	246	97	857.21
07/31/2023 0630	-4	66	-16	247	97	22050.53
07/31/2023 0645	-1	68	-18	249	97	309720.31
07/31/2023 0700	2	70	-21	250	97	1904293.15

07/31/2023 0715	5	71	-24	252	97	4559939.12
07/31/2023 0730	8	73	-27	253	97	8025648.93
07/31/2023 0745	11	75	-30	255	97	12188236.38
07/31/2023 0800	14	77	-33	256	98	16947860.39
07/31/2023 0815	17	79	-36	257	98	22129541.1
07/31/2023 0830	20	80	-39	259	98	27733497.93
07/31/2023 0845	23	82	-42	260	98	33756235.75
07/31/2023 0900	27	84	-45	262	98	40047621.6
07/31/2023 0915	30	86	-48	263	98	46502400.78
07/31/2023 0930	33	87	-51	265	98	53069788.37
07/31/2023 0945	36	89	-54	266	98	59525153.36
07/31/2023 1000	39	91	-57	268	98	65606886.92
07/31/2023 1015	43	93	-60	270	98	71424605.18
07/31/2023 1030	46	96	-63	272	98	77326365.2
07/31/2023 1045	49	98	-66	274	98	83324127
07/31/2023 1100	52	100	-69	276	98	89077776.75
07/31/2023 1115	55	103	-72	279	98	94448860.47
07/31/2023 1130	58	106	-75	283	98	99465330.83
07/31/2023 1145	61	110	-78	289	98	103751455.9
07/31/2023 1200	64	114	-81	297	98	106950342.5
07/31/2023 1215	67	120	-83	310	98	109683003.8
07/31/2023 1230	70	126	-85	335	98	112716942.9
07/31/2023 1245	72	134	-85	12	98	115464574.9
07/31/2023 1300	75	144	-84	42	98	116994972.9
07/31/2023 1315	76	157	-81	59	98	117633291
07/31/2023 1330	77	172	-79	68	98	117966229.4
07/31/2023 1345	77	188	-76	74	98	117971256.4
07/31/2023 1400	76	203	-73	78	98	117645016
07/31/2023 1415	75	215	-70	82	98	117019470.7
07/31/2023 1430	73	226	-67	84	98	115521657.3
07/31/2023 1445	70	234	-64	87	98	112797437.4
07/31/2023 1500	67	240	-61	89	98	109756645.6
07/31/2023 1515	65	245	-58	91	98	107021362.2
07/31/2023 1530	62	250	-55	92	99	103845562.3
07/31/2023 1545	58	253	-52	94	99	99583811.74
07/31/2023 1600	55	257	-49	95	99	94577010.25
07/31/2023 1615	52	259	-46	97	99	89212028.49
07/31/2023 1630	49	262	-43	98	99	83464902.95
07/31/2023 1645	46	264	-40	100	99	77465614.14
07/31/2023 1700	43	267	-37	101	99	71556386.97
07/31/2023 1715	39	269	-34	102	99	65736700.88
07/31/2023 1730	36	271	-31	104	99	59659390.49
07/31/2023 1745	33	272	-28	105	99	53205041.98
07/31/2023 1800	30	274	-25	107	99	46631545.6
07/31/2023 1815	27	276	-22	108	99	40168063.38
07/31/2023 1830	23	278	-19	110	99	33866968.52
07/31/2023 1845	20	279	-16	111	99	27831594.38

07/31/2023 1900	17	281	-13	113	99	22213775.99
07/31/2023 1915	14	283	-10	114	99	17019495.53
07/31/2023 1930	11	285	-8	116	99	12246497.05
07/31/2023 1945	8	287	-5	118	99	8069157.3
07/31/2023 2000	5	288	-2	119	99	4590198.84
07/31/2023 2015	2	290	1	121	99	1920663.43
07/31/2023 2030	-1	292	3	123	99	313603.77
07/31/2023 2045	-4	294	6	125	99	22295.94
07/31/2023 2100	-7	296	8	127	99	876.94
07/31/2023 2115	-10	298	11	129	99	66.29
07/31/2023 2130	-13	301	13	132	99	36.26
07/31/2023 2145	-16	303	15	134	99	40.27
07/31/2023 2200	-18	305	18	137	99	47.35
07/31/2023 2215	-21	308	20	139	99	54.46
07/31/2023 2230	-23	311	22	142	99	62.21
07/31/2023 2245	-26	314	24	145	99	69.84
07/31/2023 2300	-28	317	25	148	99	77.18
07/31/2023 2315	-30	320	27	151	99	84.11
07/31/2023 2330	-32	324	28	154	99	90.54
07/31/2023 2345	-34	327	30	158	99	96.39