

## April 2023

Time Local	Solar Elevation (°)	Solar Azimuth (° True)	Lunar Elevation (°)	Lunar Azimuth (° True)	Lunar Phase (%)	Ground Illumination (mlx)
04/01/2023 0000	-48	323	63	255	78	51.71
04/01/2023 0015	-50	328	60	258	78	50.04
04/01/2023 0030	-51	333	57	261	78	47.88
04/01/2023 0045	-53	339	54	263	78	45.46
04/01/2023 0100	-53	345	51	265	78	42.88
04/01/2023 0115	-54	351	48	267	78	40.11
04/01/2023 0130	-54	358	44	269	78	37.3
04/01/2023 0145	-54	4	41	271	78	34.56
04/01/2023 0200	-54	11	38	273	78	31.79
04/01/2023 0215	-53	17	35	275	79	28.84
04/01/2023 0230	-52	23	32	276	79	25.73
04/01/2023 0245	-51	28	29	278	79	22.61
04/01/2023 0300	-49	33	26	279	79	19.54
04/01/2023 0315	-47	38	23	281	79	16.55
04/01/2023 0330	-45	43	19	283	79	13.69
04/01/2023 0345	-43	47	16	284	79	11.04
04/01/2023 0400	-40	51	13	286	79	8.57
04/01/2023 0415	-38	54	10	287	79	6.3
04/01/2023 0430	-35	57	7	289	79	4.32
04/01/2023 0445	-32	60	5	291	79	2.66
04/01/2023 0500	-30	63	2	293	79	1.4
04/01/2023 0515	-27	66	-1	294	80	0.65
04/01/2023 0530	-24	69	-4	296	80	0.51
04/01/2023 0545	-21	71	-7	298	80	0.5
04/01/2023 0600	-18	73	-10	300	80	1.19
04/01/2023 0615	-15	75	-13	302	80	2.28
04/01/2023 0630	-11	77	-15	305	80	12.98
04/01/2023 0645	-8	80	-18	307	80	248.34
04/01/2023 0700	-5	82	-20	309	80	8938.54
04/01/2023 0715	-2	83	-23	312	80	196036.48
04/01/2023 0730	2	85	-25	315	80	1646456
04/01/2023 0745	5	87	-27	318	80	4349778.41
04/01/2023 0800	8	89	-29	321	80	7959020.13
04/01/2023 0815	11	91	-31	324	80	12291843.42
04/01/2023 0830	14	93	-33	327	81	17217292.27
04/01/2023 0845	17	95	-34	331	81	22536298.98
04/01/2023 0900	21	97	-36	335	81	28243938.3
04/01/2023 0915	24	99	-37	339	81	34310358.05
04/01/2023 0930	27	102	-38	343	81	40566193.88
04/01/2023 0945	30	104	-39	347	81	46906908.35
04/01/2023 1000	33	106	-40	351	81	53269534.94
04/01/2023 1015	36	109	-40	356	81	59432373.87

04/01/2023 1030	39	112	-40	0	81	65160947.81
04/01/2023 1045	42	115	-40	4	81	70527957.77
04/01/2023 1100	45	118	-40	9	81	75804317.29
04/01/2023 1115	48	122	-39	13	81	81048330.12
04/01/2023 1130	50	126	-38	17	81	86029005.18
04/01/2023 1145	53	130	-37	22	82	90539639.41
04/01/2023 1200	55	135	-36	26	82	94564146.78
04/01/2023 1215	58	140	-35	29	82	98102527.4
04/01/2023 1230	59	147	-33	33	82	101037874.9
04/01/2023 1245	61	153	-32	37	82	103255656
04/01/2023 1300	62	161	-30	40	82	104773316
04/01/2023 1315	63	169	-28	43	82	105694300.9
04/01/2023 1330	64	177	-26	46	82	106103270.8
04/01/2023 1345	63	185	-23	49	82	106033321.3
04/01/2023 1400	63	194	-21	51	82	105479339.9
04/01/2023 1415	62	202	-19	54	82	104394011.3
04/01/2023 1430	61	209	-16	56	82	102679910.2
04/01/2023 1445	59	215	-13	59	82	100246929.8
04/01/2023 1500	57	221	-11	61	83	97119345.36
04/01/2023 1515	55	227	-8	63	83	93431780.91
04/01/2023 1530	52	231	-5	65	83	89269896.64
04/01/2023 1545	50	236	-2	67	83	84614106.66
04/01/2023 1600	47	240	1	69	83	79529043.63
04/01/2023 1615	44	243	4	71	83	74262394.45
04/01/2023 1630	41	246	6	73	83	68983783.17
04/01/2023 1645	38	249	9	75	83	63541111.24
04/01/2023 1700	35	252	12	76	83	57680214.26
04/01/2023 1715	32	255	15	78	83	51432358.63
04/01/2023 1730	29	257	18	80	83	45066082.71
04/01/2023 1745	26	259	21	82	83	38750857.07
04/01/2023 1800	23	261	25	83	83	32537756.39
04/01/2023 1815	20	264	28	85	84	26565518
04/01/2023 1830	16	266	31	87	84	20978998.22
04/01/2023 1845	13	268	34	89	84	15769462.65
04/01/2023 1900	10	270	37	91	84	10992861.32
04/01/2023 1915	7	271	40	93	84	6867008.29
04/01/2023 1930	4	273	43	95	84	3476139.47
04/01/2023 1945	1	275	46	97	84	1142125.13
04/01/2023 2000	-3	277	49	99	84	92288.79
04/01/2023 2015	-6	279	53	102	84	3391.85
04/01/2023 2030	-9	281	56	105	84	157.31
04/01/2023 2045	-12	283	59	108	84	67.65
04/01/2023 2100	-15	285	62	112	84	64.89
04/01/2023 2115	-19	288	64	117	84	66.29
04/01/2023 2130	-22	290	67	122	84	67.45
04/01/2023 2145	-25	292	70	129	85	69.35
04/01/2023 2200	-27	295	72	137	85	71.16

04/01/2023 2215	-30	298	74	147	85	72.37
04/01/2023 2230	-33	301	75	159	85	73.02
04/01/2023 2245	-36	304	76	173	85	73.38
04/01/2023 2300	-38	307	76	188	85	73.56
04/01/2023 2315	-41	311	75	201	85	73.56
04/01/2023 2330	-43	315	73	213	85	73.22
04/01/2023 2345	-46	319	71	223	85	72.25
04/02/2023 0000	-48	324	69	231	85	70.71
04/02/2023 0015	-49	328	67	237	85	69.16
04/02/2023 0030	-51	334	64	242	85	67.69
04/02/2023 0045	-52	339	61	247	85	65.8
04/02/2023 0100	-53	345	58	251	85	63.23
04/02/2023 0115	-54	352	55	254	86	60.25
04/02/2023 0130	-54	358	52	257	86	57.03
04/02/2023 0145	-54	4	49	259	86	53.54
04/02/2023 0200	-54	11	46	262	86	49.9
04/02/2023 0215	-53	17	42	264	86	46.31
04/02/2023 0230	-52	22	39	266	86	42.73
04/02/2023 0245	-50	28	36	268	86	38.95
04/02/2023 0300	-49	33	33	270	86	34.91
04/02/2023 0315	-47	38	30	272	86	30.78
04/02/2023 0330	-45	42	27	273	86	26.7
04/02/2023 0345	-43	47	23	275	86	22.69
04/02/2023 0400	-40	50	20	277	86	18.83
04/02/2023 0415	-38	54	17	278	86	15.21
04/02/2023 0430	-35	57	14	280	86	11.85
04/02/2023 0445	-32	60	11	282	87	8.73
04/02/2023 0500	-29	63	8	284	87	5.98
04/02/2023 0515	-26	66	5	285	87	3.67
04/02/2023 0530	-23	68	2	287	87	1.86
04/02/2023 0545	-20	71	-1	289	87	0.74
04/02/2023 0600	-17	73	-4	291	87	1.24
04/02/2023 0615	-14	75	-7	293	87	2.53
04/02/2023 0630	-11	77	-10	295	87	16.01
04/02/2023 0645	-8	79	-13	297	87	333.38
04/02/2023 0700	-5	81	-16	299	87	11966.41
04/02/2023 0715	-2	83	-18	301	87	241073.57
04/02/2023 0730	2	85	-21	304	87	1818000.92
04/02/2023 0745	5	87	-23	306	87	4615331.01
04/02/2023 0800	8	89	-26	309	87	8283255.51
04/02/2023 0815	11	91	-28	312	87	12672268.52
04/02/2023 0830	14	93	-31	315	88	17636429.11
04/02/2023 0845	18	95	-33	318	88	22988411.13
04/02/2023 0900	21	97	-35	321	88	28734318.83
04/02/2023 0915	24	99	-37	325	88	34831004.5
04/02/2023 0930	27	101	-39	329	88	41106174.97
04/02/2023 0945	30	104	-40	333	88	47465517.17

04/02/2023 1000	33	106	-41	337	88	53838105.02
04/02/2023 1015	36	109	-43	341	88	59987174.45
04/02/2023 1030	39	111	-44	346	88	65694526.5
04/02/2023 1045	42	114	-44	351	88	71066672.74
04/02/2023 1100	45	118	-45	356	88	76374836.66
04/02/2023 1115	48	121	-45	0	88	81642892.85
04/02/2023 1130	51	125	-45	5	88	86621416.64
04/02/2023 1145	53	130	-44	10	88	91122165.98
04/02/2023 1200	56	135	-44	15	88	95145502.23
04/02/2023 1215	58	140	-43	20	88	98676296.16
04/02/2023 1230	60	146	-42	24	89	101577048.6
04/02/2023 1245	61	153	-40	28	89	103740180.9
04/02/2023 1300	63	161	-39	32	89	105207636.7
04/02/2023 1315	64	169	-37	36	89	106096485.4
04/02/2023 1330	64	177	-35	40	89	106488402.3
04/02/2023 1345	64	186	-33	43	89	106410306.7
04/02/2023 1400	63	194	-31	47	89	105857688.9
04/02/2023 1415	62	202	-29	50	89	104787932.6
04/02/2023 1430	61	209	-26	53	89	103100689.2
04/02/2023 1445	59	216	-24	55	89	100689069.3
04/02/2023 1500	57	222	-21	58	89	97561108.75
04/02/2023 1515	55	227	-19	61	89	93856409.15
04/02/2023 1530	53	232	-16	63	89	89679444.17
04/02/2023 1545	50	236	-13	65	89	85014346.81
04/02/2023 1600	47	240	-11	67	89	79910682.46
04/02/2023 1615	44	244	-8	69	89	74611629.97
04/02/2023 1630	41	247	-5	71	90	69305583.19
04/02/2023 1645	38	250	-2	73	90	63856316.35
04/02/2023 1700	35	252	2	75	90	57999679.51
04/02/2023 1715	32	255	4	77	90	51747440.27
04/02/2023 1730	29	257	7	79	90	45366362.52
04/02/2023 1745	26	260	10	81	90	39035798.15
04/02/2023 1800	23	262	13	83	90	32807081.19
04/02/2023 1815	20	264	16	85	90	26813943.91
04/02/2023 1830	17	266	20	86	90	21206094.03
04/02/2023 1845	13	268	23	88	90	15978861.38
04/02/2023 1900	10	270	26	90	90	11179201.04
04/02/2023 1915	7	272	29	92	90	7023837.78
04/02/2023 1930	4	274	32	94	90	3601614.13
04/02/2023 1945	1	276	35	96	90	1210564.78
04/02/2023 2000	-3	278	38	99	90	104417.33
04/02/2023 2015	-6	280	41	101	90	3974.42
04/02/2023 2030	-9	282	44	104	91	174.82
04/02/2023 2045	-12	284	47	106	91	71.47
04/02/2023 2100	-15	286	50	109	91	69.99
04/02/2023 2115	-18	288	53	113	91	73.6
04/02/2023 2130	-21	290	56	117	91	77.01

04/02/2023 2145	-24	293	59	121	91	80.72
04/02/2023 2200	-27	295	61	126	91	83.86
04/02/2023 2215	-30	298	64	132	91	86.26
04/02/2023 2230	-33	301	66	139	91	88.18
04/02/2023 2245	-36	304	68	146	91	89.97
04/02/2023 2300	-38	308	69	156	91	91.6
04/02/2023 2315	-41	311	70	166	91	92.83
04/02/2023 2330	-43	315	71	176	91	93.53
04/02/2023 2345	-45	319	71	187	91	93.64
04/03/2023 0000	-47	324	70	198	91	93.17
04/03/2023 0015	-49	329	69	208	91	92.2
04/03/2023 0030	-51	334	67	216	91	90.96
04/03/2023 0045	-52	340	65	223	91	89.59
04/03/2023 0100	-53	346	63	230	92	87.89
04/03/2023 0115	-53	352	60	235	92	85.47
04/03/2023 0130	-54	358	57	239	92	82.29
04/03/2023 0145	-54	4	54	244	92	78.63
04/03/2023 0200	-53	11	52	247	92	74.62
04/03/2023 0215	-52	17	49	250	92	70.24
04/03/2023 0230	-51	22	46	253	92	65.62
04/03/2023 0245	-50	28	43	256	92	61.01
04/03/2023 0300	-48	33	39	258	92	56.39
04/03/2023 0315	-46	38	36	261	92	51.5
04/03/2023 0330	-44	42	33	263	92	46.24
04/03/2023 0345	-42	46	30	265	92	40.82
04/03/2023 0400	-40	50	27	267	92	35.43
04/03/2023 0415	-37	54	24	269	92	30.11
04/03/2023 0430	-35	57	21	270	92	24.97
04/03/2023 0445	-32	60	17	272	92	20.13
04/03/2023 0500	-29	63	14	274	92	15.61
04/03/2023 0515	-26	65	11	276	92	11.42
04/03/2023 0530	-23	68	8	278	93	7.71
04/03/2023 0545	-20	70	5	279	93	4.6
04/03/2023 0600	-17	73	2	281	93	2.96
04/03/2023 0615	-14	75	-1	283	93	3.09
04/03/2023 0630	-11	77	-5	285	93	19.93
04/03/2023 0645	-8	79	-8	287	93	448.88
04/03/2023 0700	-5	81	-11	289	93	15926.62
04/03/2023 0715	-1	83	-13	291	93	293774.44
04/03/2023 0730	2	85	-16	293	93	1998947.49
04/03/2023 0745	5	87	-19	295	93	4884646.31
04/03/2023 0800	8	89	-22	297	93	8610461.11
04/03/2023 0815	11	91	-25	300	93	13054230.81
04/03/2023 0830	15	93	-28	302	93	18055367.4
04/03/2023 0845	18	95	-30	305	93	23440318.16
04/03/2023 0900	21	97	-33	308	93	29223971.42
04/03/2023 0915	24	99	-35	311	93	35349325.62

04/03/2023 0930	27	101	-37	315	93	41643057.27
04/03/2023 0945	31	103	-40	318	93	48020556.78
04/03/2023 1000	34	106	-42	322	93	54401036.96
04/03/2023 1015	37	108	-43	326	94	60534238.62
04/03/2023 1030	40	111	-45	331	94	66221500.04
04/03/2023 1045	43	114	-47	335	94	71601957.44
04/03/2023 1100	46	117	-48	340	94	76942512.45
04/03/2023 1115	48	121	-49	345	94	82231569.67
04/03/2023 1130	51	125	-49	351	94	87205455.93
04/03/2023 1145	54	129	-50	356	94	91697054.07
04/03/2023 1200	56	134	-50	2	94	95719793.93
04/03/2023 1215	58	140	-50	7	94	99239341.79
04/03/2023 1230	60	146	-49	13	94	102099404.6
04/03/2023 1245	62	153	-49	18	94	104204705.7
04/03/2023 1300	63	161	-48	23	94	105623685.5
04/03/2023 1315	64	169	-46	28	94	106484327.7
04/03/2023 1330	64	177	-45	32	94	106861827.9
04/03/2023 1345	64	186	-43	37	94	106775433.4
04/03/2023 1400	64	194	-41	41	94	106221924
04/03/2023 1415	63	202	-39	45	94	105165676.9
04/03/2023 1430	61	210	-37	48	94	103505958.1
04/03/2023 1445	60	216	-35	52	94	101119365.5
04/03/2023 1500	57	222	-32	55	94	97994889.9
04/03/2023 1515	55	228	-30	58	94	94274433.6
04/03/2023 1530	53	233	-27	60	95	90081972.18
04/03/2023 1545	50	237	-24	63	95	85407899.96
04/03/2023 1600	47	241	-22	65	95	80287291.44
04/03/2023 1615	45	244	-19	68	95	74957025.47
04/03/2023 1630	42	247	-16	70	95	69623176.07
04/03/2023 1645	39	250	-13	72	95	64166513.08
04/03/2023 1700	36	253	-10	74	95	58314374.14
04/03/2023 1715	32	255	-7	76	95	52058798.81
04/03/2023 1730	29	258	-4	78	95	45663683.76
04/03/2023 1745	26	260	-1	80	95	39318182.88
04/03/2023 1800	23	262	2	82	95	33074478.57
04/03/2023 1815	20	264	5	84	95	27061139.66
04/03/2023 1830	17	266	8	86	95	21432265.27
04/03/2023 1845	13	268	11	88	95	16187695.77
04/03/2023 1900	10	270	14	90	95	11365738.56
04/03/2023 1915	7	272	18	92	95	7181265.63
04/03/2023 1930	4	274	21	94	95	3728388.51
04/03/2023 1945	1	276	24	96	95	1281776
04/03/2023 2000	-3	278	27	98	95	117864.01
04/03/2023 2015	-6	280	30	100	95	4650.17
04/03/2023 2030	-9	282	33	103	95	190.61
04/03/2023 2045	-12	284	36	105	95	71.27
04/03/2023 2100	-15	286	39	108	96	70.71

04/03/2023 2115	-18	288	42	110	96	75.88
04/03/2023 2130	-21	291	45	114	96	81.14
04/03/2023 2145	-24	293	48	117	96	87.08
04/03/2023 2200	-27	296	50	121	96	92.84
04/03/2023 2215	-30	299	53	125	96	98.17
04/03/2023 2230	-33	301	55	129	96	103.05
04/03/2023 2245	-35	305	58	135	96	107.48
04/03/2023 2300	-38	308	60	140	96	111.28
04/03/2023 2315	-40	312	62	147	96	114.3
04/03/2023 2330	-43	315	63	154	96	116.54
04/03/2023 2345	-45	320	64	162	96	118.16
04/04/2023 0000	-47	324	65	170	96	119.28
04/04/2023 0015	-49	329	65	179	96	119.91
04/04/2023 0030	-50	334	65	188	96	120.04
04/04/2023 0045	-51	340	64	196	96	119.68
04/04/2023 0100	-52	346	63	204	96	118.78
04/04/2023 0115	-53	352	62	211	96	117.22
04/04/2023 0130	-53	358	60	218	96	114.82
04/04/2023 0145	-53	4	58	224	96	111.57
04/04/2023 0200	-53	11	55	229	96	107.62
04/04/2023 0215	-52	17	53	233	96	103.13
04/04/2023 0230	-51	22	50	237	96	98.08
04/04/2023 0245	-50	28	47	241	96	92.51
04/04/2023 0300	-48	33	45	244	96	86.69
04/04/2023 0315	-46	38	42	247	97	80.84
04/04/2023 0330	-44	42	39	250	97	74.82
04/04/2023 0345	-42	46	36	253	97	68.32
04/04/2023 0400	-39	50	33	255	97	61.32
04/04/2023 0415	-37	53	29	258	97	54.12
04/04/2023 0430	-34	57	26	260	97	46.93
04/04/2023 0445	-32	60	23	262	97	39.81
04/04/2023 0500	-29	62	20	264	97	32.91
04/04/2023 0515	-26	65	17	266	97	26.4
04/04/2023 0530	-23	68	14	268	97	20.31
04/04/2023 0545	-20	70	11	269	97	15.16
04/04/2023 0600	-17	72	8	271	97	10.47
04/04/2023 0615	-14	75	4	273	97	8.19
04/04/2023 0630	-11	77	1	275	97	26.86
04/04/2023 0645	-8	79	-2	277	97	605.85
04/04/2023 0700	-4	81	-5	279	97	21059.95
04/04/2023 0715	-1	83	-8	280	97	354768.58
04/04/2023 0730	2	85	-11	282	97	2188660.36
04/04/2023 0745	5	86	-14	284	97	5157322.49
04/04/2023 0800	9	88	-17	286	97	8940388.6
04/04/2023 0815	12	90	-20	289	97	13437313.87
04/04/2023 0830	15	92	-23	291	97	18473817.93
04/04/2023 0845	18	94	-26	293	97	23891772.46

04/04/2023 0900	21	96	-29	296	97	29712506.98
04/04/2023 0915	24	98	-32	298	97	35864937.95
04/04/2023 0930	28	101	-35	301	97	42176551.92
04/04/2023 0945	31	103	-37	304	97	48571648.34
04/04/2023 1000	34	105	-40	307	97	54957854.03
04/04/2023 1015	37	108	-42	311	97	61073323.55
04/04/2023 1030	40	111	-45	315	98	66741952.29
04/04/2023 1045	43	114	-47	319	98	72133781.1
04/04/2023 1100	46	117	-49	323	98	77506849.44
04/04/2023 1115	49	121	-51	328	98	82813715.84
04/04/2023 1130	51	125	-52	333	98	87780875.31
04/04/2023 1145	54	129	-54	339	98	92264322.09
04/04/2023 1200	56	134	-55	345	98	96286581.09
04/04/2023 1215	59	140	-55	351	98	99790546.7
04/04/2023 1230	61	146	-56	357	98	102603969.6
04/04/2023 1245	62	153	-56	3	98	104649428.2
04/04/2023 1300	63	161	-55	10	98	106023048.2
04/04/2023 1315	64	169	-55	16	98	106860262
04/04/2023 1330	65	178	-54	22	98	107226188.3
04/04/2023 1345	65	186	-53	27	98	107131102.6
04/04/2023 1400	64	195	-51	33	98	106573845.6
04/04/2023 1415	63	203	-49	38	98	105528141.9
04/04/2023 1430	62	210	-47	42	98	103895718
04/04/2023 1445	60	217	-45	46	98	101537383.2
04/04/2023 1500	58	223	-43	50	98	98420384.98
04/04/2023 1515	55	228	-41	54	98	94685866.19
04/04/2023 1530	53	233	-38	57	98	90477592.89
04/04/2023 1545	50	237	-36	60	98	85794762.01
04/04/2023 1600	48	241	-33	63	98	80658791.24
04/04/2023 1615	45	245	-30	66	98	75298583.35
04/04/2023 1630	42	248	-27	69	98	69936678.36
04/04/2023 1645	39	251	-24	71	98	64471830.16
04/04/2023 1700	36	253	-22	73	98	58624367.72
04/04/2023 1715	33	256	-19	76	98	52366480.45
04/04/2023 1730	30	258	-16	78	98	45958116.35
04/04/2023 1745	26	261	-13	80	98	39598088.63
04/04/2023 1800	23	263	-9	82	98	33340007.53
04/04/2023 1815	20	265	-6	84	98	27307164.51
04/04/2023 1830	17	267	-3	86	98	21657578.74
04/04/2023 1845	14	269	0	88	98	16396007.29
04/04/2023 1900	10	271	3	90	98	11552497.22
04/04/2023 1915	7	273	6	92	99	7339326.55
04/04/2023 1930	4	275	9	94	99	3856430.24
04/04/2023 1945	1	276	12	96	99	1355770.86
04/04/2023 2000	-2	278	15	98	99	132734.46
04/04/2023 2015	-6	280	18	100	99	5432.48
04/04/2023 2030	-9	282	21	102	99	201.28



04/04/2023 2045	-12	284	24	104	99	63.01
04/04/2023 2100	-15	287	27	106	99	64.51
04/04/2023 2115	-18	289	30	109	99	72.98
04/04/2023 2130	-21	291	33	112	99	81.7
04/04/2023 2145	-24	294	36	114	99	90.81
04/04/2023 2200	-27	296	39	117	99	99.34
04/04/2023 2215	-30	299	42	121	99	107.36
04/04/2023 2230	-33	302	44	124	99	115.18
04/04/2023 2245	-35	305	47	128	99	122.92
04/04/2023 2300	-38	308	49	132	99	130.37
04/04/2023 2315	-40	312	51	137	99	137.23
04/04/2023 2330	-43	316	53	142	99	143.34
04/04/2023 2345	-45	320	55	147	99	148.7
04/05/2023 0000	-47	325	57	153	99	153.28
04/05/2023 0015	-48	330	58	160	99	157
04/05/2023 0030	-50	335	59	167	99	159.79
04/05/2023 0045	-51	340	59	174	99	161.64
04/05/2023 0100	-52	346	59	181	99	162.54
04/05/2023 0115	-53	352	59	188	99	162.49
04/05/2023 0130	-53	358	58	195	99	161.45
04/05/2023 0145	-53	4	57	202	99	159.42
04/05/2023 0200	-52	11	56	208	99	156.4
04/05/2023 0215	-52	17	54	214	99	152.47
04/05/2023 0230	-51	22	52	219	99	147.65
04/05/2023 0245	-49	28	50	224	99	141.92
04/05/2023 0300	-48	33	48	228	99	135.34
04/05/2023 0315	-46	37	45	232	99	128.18
04/05/2023 0330	-44	42	43	236	99	120.74
04/05/2023 0345	-41	46	40	239	99	113.03
04/05/2023 0400	-39	50	37	242	99	104.7
04/05/2023 0415	-37	53	34	245	99	95.52
04/05/2023 0430	-34	56	31	248	99	85.72
04/05/2023 0445	-31	59	28	250	99	75.67
04/05/2023 0500	-28	62	25	252	99	65.58
04/05/2023 0515	-26	65	22	255	99	55.53
04/05/2023 0530	-23	67	19	257	99	45.78
04/05/2023 0545	-20	70	16	259	99	37.08
04/05/2023 0600	-17	72	13	261	99	28.69
04/05/2023 0615	-14	74	10	263	99	22.88
04/05/2023 0630	-10	76	7	265	99	43.71
04/05/2023 0645	-7	78	4	266	99	824.28
04/05/2023 0700	-4	80	1	268	99	27652.86
04/05/2023 0715	-1	82	-3	270	99	424602.22
04/05/2023 0730	3	84	-6	272	99	2386441.84
04/05/2023 0745	6	86	-9	274	100	5432997.81
04/05/2023 0800	9	88	-12	276	100	9272767.85
04/05/2023 0815	12	90	-15	278	100	13821100.86

04/05/2023 0830	15	92	-18	280	100	18891503.02
04/05/2023 0845	18	94	-21	282	100	24342514.8
04/05/2023 0900	22	96	-25	284	100	30199529.1
04/05/2023 0915	25	98	-28	286	100	36377469.68
04/05/2023 0930	28	100	-31	288	100	42706372
04/05/2023 0945	31	103	-34	291	100	49118403.13
04/05/2023 1000	34	105	-36	293	100	55508095.9
04/05/2023 1015	37	108	-39	296	100	61604228.37
04/05/2023 1030	40	110	-42	299	100	67255974.8
04/05/2023 1045	43	113	-45	302	100	72662066.37
04/05/2023 1100	46	117	-47	306	100	78067318.61
04/05/2023 1115	49	120	-50	310	100	83388727.82
04/05/2023 1130	52	124	-52	314	100	88347492.11
04/05/2023 1145	54	129	-54	319	100	92823967.61
04/05/2023 1200	57	134	-56	324	100	96845325.81
04/05/2023 1215	59	139	-58	330	100	100328786.8
04/05/2023 1230	61	146	-59	337	100	103089996.8
04/05/2023 1245	63	153	-61	343	100	105074946.3
04/05/2023 1300	64	161	-61	351	100	106407694.6
04/05/2023 1315	65	169	-62	358	100	107226975.6
04/05/2023 1330	65	178	-62	6	100	107584274.6
04/05/2023 1345	65	186	-61	13	100	107479858.4
04/05/2023 1400	64	195	-60	20	100	106915451
04/05/2023 1415	63	203	-59	27	100	105876451.8
04/05/2023 1430	62	211	-58	33	100	104270147.3
04/05/2023 1445	60	217	-56	39	100	101942762
04/05/2023 1500	58	223	-54	44	100	98837287.92
04/05/2023 1515	56	229	-52	49	100	95090703.71
04/05/2023 1530	53	234	-49	53	100	90866427.17
04/05/2023 1545	51	238	-47	57	100	86174952.32
04/05/2023 1600	48	242	-44	61	100	81025118.37
04/05/2023 1615	45	245	-42	64	100	75636309.79
04/05/2023 1630	42	248	-39	67	100	70246209.87
04/05/2023 1645	39	251	-36	70	100	64772407.48
04/05/2023 1700	36	254	-33	72	100	58929742.77
04/05/2023 1715	33	256	-30	75	100	52670537.27
04/05/2023 1730	30	259	-27	77	100	46249727.08
04/05/2023 1745	27	261	-24	79	100	39875583.64
04/05/2023 1800	23	263	-21	82	100	33603718.18
04/05/2023 1815	20	265	-18	84	100	27552072.47
04/05/2023 1830	17	267	-15	86	100	21882104.5
04/05/2023 1845	14	269	-12	88	100	16603849.11
04/05/2023 1900	11	271	-9	90	100	11739513.58
04/05/2023 1915	7	273	-6	91	100	7498066.65
04/05/2023 1930	4	275	-3	93	100	3985718.58
04/05/2023 1945	1	277	1	95	100	1432555.54
04/05/2023 2000	-2	279	4	97	100	149140.03

04/05/2023 2015	-5	281	7	99	100	6340.49
04/05/2023 2030	-9	283	10	101	100	208.48
04/05/2023 2045	-12	285	13	103	100	47.29
04/05/2023 2100	-15	287	16	105	100	50.75
04/05/2023 2115	-18	289	19	108	100	62.78
04/05/2023 2130	-21	292	21	110	100	75.96
04/05/2023 2145	-24	294	24	112	100	90.46
04/05/2023 2200	-27	297	27	115	100	105.23
04/05/2023 2215	-30	299	30	118	100	120.05
04/05/2023 2230	-32	302	33	121	100	134.75
04/05/2023 2245	-35	305	35	124	100	148.91
04/05/2023 2300	-38	309	38	127	100	162.03
04/05/2023 2315	-40	312	40	131	100	173.95
04/05/2023 2330	-42	316	42	134	100	184.91
04/05/2023 2345	-44	320	45	139	100	195.17
04/06/2023 0000	-46	325	47	143	100	204.65
04/06/2023 0015	-48	330	48	148	100	213.06
04/06/2023 0030	-50	335	50	153	100	220.09
04/06/2023 0045	-51	341	51	158	100	225.57
04/06/2023 0100	-52	346	52	164	100	229.43
04/06/2023 0115	-52	352	53	170	100	231.68
04/06/2023 0130	-53	358	53	176	100	232.31
04/06/2023 0145	-52	5	53	182	100	231.35
04/06/2023 0200	-52	11	53	188	100	228.82
04/06/2023 0215	-51	16	52	194	100	224.78
04/06/2023 0230	-50	22	51	200	100	219.27
04/06/2023 0245	-49	27	50	205	100	212.35
04/06/2023 0300	-47	33	48	210	100	204.13
04/06/2023 0315	-45	37	46	215	100	194.8
04/06/2023 0330	-43	42	45	219	100	184.68
04/06/2023 0345	-41	46	42	223	100	174.05
04/06/2023 0400	-39	49	40	227	100	162.94
04/06/2023 0415	-36	53	38	231	100	151.1
04/06/2023 0430	-34	56	35	234	100	138.29
04/06/2023 0445	-31	59	32	237	100	124.66
04/06/2023 0500	-28	62	30	240	100	110.67
04/06/2023 0515	-25	65	27	243	100	96.67
04/06/2023 0530	-22	67	24	245	100	82.81
04/06/2023 0545	-19	69	21	247	100	69.81
04/06/2023 0600	-16	72	18	250	100	57.34
04/06/2023 0615	-13	74	15	252	100	48.06
04/06/2023 0630	-10	76	12	254	100	72.8
04/06/2023 0645	-7	78	9	256	100	1127.56
04/06/2023 0700	-4	80	6	258	100	36042.39
04/06/2023 0715	0	82	3	260	100	723729.38
04/06/2023 0730	3	84	0	262	100	2591558.57
04/06/2023 0745	6	86	-3	263	100	5711345.54

04/06/2023 0800	9	88	-6	265	100	9607307.17
04/06/2023 0815	12	90	-10	267	100	14205178.69
04/06/2023 0830	15	92	-13	269	100	19308155.72
04/06/2023 0845	19	94	-16	271	100	24792274.48
04/06/2023 0900	22	96	-19	272	100	30684637.36
04/06/2023 0915	25	98	-22	274	100	36886562.06
04/06/2023 0930	28	100	-25	276	100	43232231.86
04/06/2023 0945	31	102	-28	278	100	49660425.14
04/06/2023 1000	34	105	-31	280	100	56051323.31
04/06/2023 1015	38	107	-34	283	100	62126793.16
04/06/2023 1030	41	110	-37	285	100	67763660.71
04/06/2023 1045	44	113	-40	287	100	73186689.01
04/06/2023 1100	47	116	-43	290	100	78623366.59
04/06/2023 1115	49	120	-46	293	100	83956050.87
04/06/2023 1130	52	124	-49	296	100	88905181.13
04/06/2023 1145	55	128	-52	300	100	93375954.17
04/06/2023 1200	57	133	-55	304	100	97395400.93
04/06/2023 1215	59	139	-57	308	100	100852969.7
04/06/2023 1230	61	145	-59	313	100	103557004.6
04/06/2023 1245	63	153	-62	319	100	105482251.9
04/06/2023 1300	64	160	-64	326	100	106779915.5
04/06/2023 1315	65	169	-65	333	100	107587308.5
04/06/2023 1330	65	178	-66	341	100	107938921.5
04/06/2023 1345	65	187	-67	350	100	107824296.6
04/06/2023 1400	65	195	-68	359	100	107248870.5
04/06/2023 1415	64	204	-68	8	100	106211928.3
04/06/2023 1430	62	211	-67	17	100	104629599.8
04/06/2023 1445	60	218	-66	26	100	102335226.1
04/06/2023 1500	58	224	-64	33	100	99245296.91
04/06/2023 1515	56	229	-63	40	100	95488927.34
04/06/2023 1530	53	234	-61	46	100	91248600.59
04/06/2023 1545	51	238	-58	52	100	86548510.76
04/06/2023 1600	48	242	-56	56	100	81386223.58
04/06/2023 1615	45	246	-53	61	99	75970212.22
04/06/2023 1630	42	249	-51	64	99	70551888.58
04/06/2023 1645	39	252	-48	68	99	65068388.82
04/06/2023 1700	36	254	-45	71	99	59230590.39
04/06/2023 1715	33	257	-42	74	99	52971029.71
04/06/2023 1730	30	259	-39	76	99	46538591.49
04/06/2023 1745	27	261	-36	79	99	40150747.13
04/06/2023 1800	23	263	-33	81	99	33865668.04
04/06/2023 1815	20	266	-30	83	99	27795915.51
04/06/2023 1830	17	268	-27	85	99	22105900.06
04/06/2023 1845	14	269	-24	87	99	16811256.8
04/06/2023 1900	11	271	-21	89	99	11926807.03
04/06/2023 1915	8	273	-18	91	99	7657525.04
04/06/2023 1930	4	275	-15	93	99	4116244.19

04/06/2023 1945	1	277	-12	95	99	1512143.89
04/06/2023 2000	-2	279	-9	97	99	167211.66
04/06/2023 2015	-5	281	-6	99	99	7405.8
04/06/2023 2030	-8	283	-3	101	99	214.15
04/06/2023 2045	-12	285	1	103	99	14.14
04/06/2023 2100	-15	287	4	105	99	8.09
04/06/2023 2115	-18	290	7	107	99	12.29
04/06/2023 2130	-21	292	9	109	99	17.81
04/06/2023 2145	-24	294	12	111	99	24.83
04/06/2023 2200	-27	297	15	113	99	32.36
04/06/2023 2215	-29	300	18	115	99	40.19
04/06/2023 2230	-32	303	21	118	99	48.33
04/06/2023 2245	-35	306	23	120	99	56.67
04/06/2023 2300	-37	309	26	123	99	64.98
04/06/2023 2315	-40	313	29	126	99	73.1
04/06/2023 2330	-42	317	31	129	99	80.97
04/06/2023 2345	-44	321	33	132	99	88.46
04/07/2023 0000	-46	325	36	136	99	95.34
04/07/2023 0015	-48	330	38	139	99	101.46
04/07/2023 0030	-49	335	40	143	99	106.79
04/07/2023 0045	-50	341	41	147	99	111.41
04/07/2023 0100	-51	347	43	152	99	115.41
04/07/2023 0115	-52	353	44	156	99	118.78
04/07/2023 0130	-52	359	45	161	99	121.47
04/07/2023 0145	-52	5	46	166	99	123.41
04/07/2023 0200	-52	11	47	172	99	124.54
04/07/2023 0215	-51	16	47	177	99	124.81
04/07/2023 0230	-50	22	47	182	99	124.24
04/07/2023 0245	-48	27	47	187	99	122.82
04/07/2023 0300	-47	32	46	192	99	120.59
04/07/2023 0315	-45	37	45	197	99	117.61
04/07/2023 0330	-43	41	44	202	99	113.95
04/07/2023 0345	-41	45	43	207	99	109.71
04/07/2023 0400	-38	49	41	211	99	104.93
04/07/2023 0415	-36	53	39	215	98	99.62
04/07/2023 0430	-33	56	37	219	98	93.72
04/07/2023 0445	-31	59	35	223	98	87.15
04/07/2023 0500	-28	62	33	226	98	80
04/07/2023 0515	-25	64	31	229	98	72.44
04/07/2023 0530	-22	67	28	232	98	64.68
04/07/2023 0545	-19	69	26	235	98	57.38
04/07/2023 0600	-16	71	23	238	98	49.94
04/07/2023 0615	-13	74	20	240	98	45.54
04/07/2023 0630	-10	76	17	243	98	84.73
04/07/2023 0645	-7	78	15	245	98	1518.05
04/07/2023 0700	-4	80	12	247	98	46587.74
04/07/2023 0715	0	82	9	249	98	817398.26

04/07/2023 0730	3	84	6	251	98	2803261.75
04/07/2023 0745	6	86	3	253	98	5992071.45
04/07/2023 0800	9	88	0	255	98	9943695.65
04/07/2023 0815	12	89	-3	257	98	14589141.62
04/07/2023 0830	16	91	-6	258	98	19723518.71
04/07/2023 0845	19	93	-9	260	98	25240769.71
04/07/2023 0900	22	95	-13	262	98	31167430.55
04/07/2023 0915	25	97	-16	264	98	37391870.28
04/07/2023 0930	28	100	-19	265	98	43753846.48
04/07/2023 0945	32	102	-22	267	98	50197313.86
04/07/2023 1000	35	104	-25	269	98	56587122.07
04/07/2023 1015	38	107	-28	271	98	62640896.91
04/07/2023 1030	41	110	-31	273	98	68265098.85
04/07/2023 1045	44	113	-34	274	98	73707478.67
04/07/2023 1100	47	116	-37	276	98	79174425.27
04/07/2023 1115	50	119	-40	279	98	84515184.66
04/07/2023 1130	52	123	-44	281	98	89453865.42
04/07/2023 1145	55	128	-47	283	98	93920200.19
04/07/2023 1200	57	133	-50	286	98	97936102.5
04/07/2023 1215	60	139	-53	289	98	101362073.8
04/07/2023 1230	62	145	-55	292	97	104004805.9
04/07/2023 1245	63	152	-58	296	97	105872709.5
04/07/2023 1300	65	160	-61	300	97	107142242.8
04/07/2023 1315	65	169	-64	305	97	107944142.8
04/07/2023 1330	66	178	-66	311	97	108292894.3
04/07/2023 1345	66	187	-68	318	97	108166968
04/07/2023 1400	65	196	-70	326	97	107576298.5
04/07/2023 1415	64	204	-72	335	97	106536053.4
04/07/2023 1430	62	212	-73	346	97	104974597
04/07/2023 1445	61	218	-73	358	97	102714591
04/07/2023 1500	59	225	-73	10	97	99644120.54
04/07/2023 1515	56	230	-72	22	97	95880502.37
04/07/2023 1530	54	235	-71	32	97	91624239.52
04/07/2023 1545	51	239	-69	41	97	86915494.29
04/07/2023 1600	48	243	-67	48	97	81742070.15
04/07/2023 1615	45	246	-65	54	97	76300298.29
04/07/2023 1630	42	249	-62	60	97	70853828.9
04/07/2023 1645	39	252	-60	64	97	65359919.35
04/07/2023 1700	36	255	-57	68	97	59527006.49
04/07/2023 1715	33	257	-54	72	97	53268021.26
04/07/2023 1730	30	259	-51	75	97	46824786.09
04/07/2023 1745	27	262	-48	78	97	40423660.33
04/07/2023 1800	24	264	-45	80	97	34125918.66
04/07/2023 1815	20	266	-42	83	97	28038750.99
04/07/2023 1830	17	268	-39	85	97	22329031.5
04/07/2023 1845	14	270	-36	87	97	17018275.37
04/07/2023 1900	11	272	-33	89	96	12114398.84

04/07/2023 1915	8	274	-30	91	96	7817730.06
04/07/2023 1930	5	276	-27	93	96	4247976.28
04/07/2023 1945	1	278	-24	95	96	1594511.6
04/07/2023 2000	-2	279	-21	96	96	187061.65
04/07/2023 2015	-5	281	-18	98	96	8663.7
04/07/2023 2030	-8	283	-15	100	96	250.46
04/07/2023 2045	-11	286	-12	102	96	13.49
04/07/2023 2100	-15	288	-9	104	96	2.36
04/07/2023 2115	-18	290	-6	105	96	1.21
04/07/2023 2130	-21	292	-3	107	96	0.62
04/07/2023 2145	-23	295	1	109	96	1.75
04/07/2023 2200	-26	297	3	111	96	4.08
04/07/2023 2215	-29	300	6	113	96	7.45
04/07/2023 2230	-32	303	9	115	96	11.43
04/07/2023 2245	-35	306	12	117	96	15.94
04/07/2023 2300	-37	310	14	120	96	20.79
04/07/2023 2315	-40	313	17	122	96	25.82
04/07/2023 2330	-42	317	19	125	96	30.98
04/07/2023 2345	-44	321	22	127	96	36.24
04/08/2023 0000	-46	326	24	130	96	41.5
04/08/2023 0015	-47	331	27	133	96	46.63
04/08/2023 0030	-49	336	29	136	96	51.55
04/08/2023 0045	-50	341	31	139	96	56.2
04/08/2023 0100	-51	347	33	143	95	60.53
04/08/2023 0115	-52	353	35	146	95	64.44
04/08/2023 0130	-52	359	36	150	95	67.85
04/08/2023 0145	-52	5	38	154	95	70.72
04/08/2023 0200	-51	11	39	158	95	73.05
04/08/2023 0215	-51	16	40	163	95	74.87
04/08/2023 0230	-49	22	41	167	95	76.18
04/08/2023 0245	-48	27	41	172	95	76.98
04/08/2023 0300	-47	32	41	177	95	77.27
04/08/2023 0315	-45	37	41	181	95	77.04
04/08/2023 0330	-43	41	41	186	95	76.31
04/08/2023 0345	-40	45	41	190	95	75.08
04/08/2023 0400	-38	49	40	195	95	73.37
04/08/2023 0415	-36	52	39	199	95	71.18
04/08/2023 0430	-33	56	38	203	95	68.51
04/08/2023 0445	-30	59	36	207	95	65.37
04/08/2023 0500	-28	61	35	211	95	61.75
04/08/2023 0515	-25	64	33	215	95	57.69
04/08/2023 0530	-22	67	31	218	95	53.27
04/08/2023 0545	-19	69	29	222	95	49.18
04/08/2023 0600	-16	71	27	225	94	44.85
04/08/2023 0615	-13	73	24	228	94	43.93
04/08/2023 0630	-10	76	22	230	94	99.53
04/08/2023 0645	-6	78	20	233	94	2038.69

04/08/2023 0700	-3	80	17	235	94	59709.38
04/08/2023 0715	0	81	14	238	94	919166.55
04/08/2023 0730	3	83	12	240	94	3020799.29
04/08/2023 0745	6	85	9	242	94	6274898.84
04/08/2023 0800	10	87	6	244	94	10281605.02
04/08/2023 0815	13	89	3	246	94	14972597.22
04/08/2023 0830	16	91	1	248	94	20137344.11
04/08/2023 0845	19	93	-3	250	94	25687708.38
04/08/2023 0900	22	95	-6	252	94	31647509.61
04/08/2023 0915	26	97	-9	253	94	37893063.95
04/08/2023 0930	29	99	-12	255	94	44270930.88
04/08/2023 0945	32	102	-15	257	94	50728667.09
04/08/2023 1000	35	104	-18	258	94	57115106.26
04/08/2023 1015	38	107	-21	260	94	63146454.59
04/08/2023 1030	41	109	-24	262	94	68760368.26
04/08/2023 1045	44	112	-27	263	93	74224220.83
04/08/2023 1100	47	116	-30	265	93	79719921.18
04/08/2023 1115	50	119	-33	267	93	85065686.7
04/08/2023 1130	53	123	-36	268	93	89993505.83
04/08/2023 1145	55	128	-39	270	93	94456570.42
04/08/2023 1200	58	133	-42	272	93	98466666.29
04/08/2023 1215	60	138	-45	274	93	101855185.3
04/08/2023 1230	62	145	-48	276	93	104433526.1
04/08/2023 1245	64	152	-51	278	93	106248016.1
04/08/2023 1300	65	160	-55	281	93	107497355.9
04/08/2023 1315	66	169	-58	283	93	108300286.1
04/08/2023 1330	66	178	-61	286	93	108648775.9
04/08/2023 1345	66	187	-63	290	93	108510280.9
04/08/2023 1400	65	196	-66	294	93	107899920.2
04/08/2023 1415	64	205	-69	299	93	106850428.3
04/08/2023 1430	63	212	-72	306	93	105305816.3
04/08/2023 1445	61	219	-74	314	93	103080767.9
04/08/2023 1500	59	225	-76	324	93	100033483.4
04/08/2023 1515	56	230	-78	337	92	96265378.16
04/08/2023 1530	54	235	-78	353	92	91993467.23
04/08/2023 1545	51	239	-78	10	92	87275973.3
04/08/2023 1600	48	243	-78	26	92	82092632.05
04/08/2023 1615	45	247	-76	39	92	76626574.47
04/08/2023 1630	42	250	-74	49	92	71152139.79
04/08/2023 1645	39	252	-71	57	92	65647143.02
04/08/2023 1700	36	255	-69	63	92	59819089.28
04/08/2023 1715	33	258	-66	68	92	53561576
04/08/2023 1730	30	260	-63	72	92	47108386
04/08/2023 1745	27	262	-60	76	92	40694403.56
04/08/2023 1800	24	264	-57	79	92	34384531.07
04/08/2023 1815	21	266	-54	81	92	28280634.47
04/08/2023 1830	17	268	-51	84	92	22551562.92



04/08/2023 1845	14	270	-48	86	92	17224950.33
04/08/2023 1900	11	272	-45	88	92	12302312.75
04/08/2023 1915	8	274	-42	90	91	7978717.02
04/08/2023 1930	5	276	-39	92	91	4380900.4
04/08/2023 1945	2	278	-36	94	91	1679637.05
04/08/2023 2000	-2	280	-33	96	91	208799.97
04/08/2023 2015	-5	282	-30	97	91	10124.96
04/08/2023 2030	-8	284	-27	99	91	293.7
04/08/2023 2045	-11	286	-24	101	91	15.15
04/08/2023 2100	-14	288	-21	102	91	2.51
04/08/2023 2115	-17	290	-18	104	91	1.23
04/08/2023 2130	-20	293	-15	106	91	0.5
04/08/2023 2145	-23	295	-12	107	91	0.5
04/08/2023 2200	-26	298	-9	109	91	0.5
04/08/2023 2215	-29	300	-6	111	91	0.5
04/08/2023 2230	-32	303	-4	113	91	0.54
04/08/2023 2245	-34	307	0	115	91	1.12
04/08/2023 2300	-37	310	2	117	91	2.45
04/08/2023 2315	-39	313	5	119	90	4.6
04/08/2023 2330	-42	317	8	121	90	7.22
04/08/2023 2345	-44	322	10	123	90	10.18
04/09/2023 0000	-45	326	13	125	90	13.41
04/09/2023 0015	-47	331	15	128	90	16.78
04/09/2023 0030	-49	336	18	130	90	20.2
04/09/2023 0045	-50	341	20	133	90	23.65
04/09/2023 0100	-51	347	22	135	90	27.12
04/09/2023 0115	-51	353	24	138	90	30.5
04/09/2023 0130	-51	359	26	141	90	33.74
04/09/2023 0145	-51	5	28	145	90	36.78
04/09/2023 0200	-51	11	30	148	90	39.58
04/09/2023 0215	-50	16	31	151	90	42.12
04/09/2023 0230	-49	22	33	155	90	44.36
04/09/2023 0245	-48	27	34	159	89	46.26
04/09/2023 0300	-46	32	35	163	89	47.79
04/09/2023 0315	-44	37	35	167	89	48.95
04/09/2023 0330	-42	41	36	171	89	49.72
04/09/2023 0345	-40	45	36	175	89	50.12
04/09/2023 0400	-38	49	36	179	89	50.14
04/09/2023 0415	-35	52	36	184	89	49.79
04/09/2023 0430	-33	55	36	188	89	49.08
04/09/2023 0445	-30	58	35	192	89	48
04/09/2023 0500	-27	61	35	196	89	46.56
04/09/2023 0515	-24	64	34	200	89	44.76
04/09/2023 0530	-21	66	32	204	89	42.64
04/09/2023 0545	-19	69	31	207	89	40.83
04/09/2023 0600	-15	71	29	211	89	38.77
04/09/2023 0615	-12	73	28	214	88	40.85

04/09/2023 0630	-9	75	26	217	88	117.07
04/09/2023 0645	-6	77	24	220	88	2730.61
04/09/2023 0700	-3	79	22	223	88	75860.6
04/09/2023 0715	1	81	20	226	88	1029457.2
04/09/2023 0730	3	83	17	228	88	3243441.15
04/09/2023 0745	7	85	15	231	88	6559565.83
04/09/2023 0800	10	87	12	233	88	10620684.13
04/09/2023 0815	13	89	10	235	88	15355161.49
04/09/2023 0830	16	91	7	237	88	20549391.77
04/09/2023 0845	19	93	5	239	88	26132791.76
04/09/2023 0900	23	95	2	241	88	32124481.84
04/09/2023 0915	26	97	-1	243	88	38389827.31
04/09/2023 0930	29	99	-4	245	88	44783199.56
04/09/2023 0945	32	101	-7	247	87	51254083.93
04/09/2023 1000	35	104	-9	249	87	57634920.82
04/09/2023 1015	38	106	-12	250	87	63643413.54
04/09/2023 1030	41	109	-15	252	87	69249533.09
04/09/2023 1045	44	112	-18	253	87	74736659.6
04/09/2023 1100	47	115	-21	255	87	80259284.27
04/09/2023 1115	50	119	-24	256	87	85607173.72
04/09/2023 1130	53	123	-27	258	87	90524089.91
04/09/2023 1145	56	127	-30	259	87	94984870.26
04/09/2023 1200	58	132	-33	261	87	98986287.72
04/09/2023 1215	60	138	-36	262	87	102331533.5
04/09/2023 1230	62	145	-39	264	87	104843609.1
04/09/2023 1245	64	152	-42	266	87	106610147.4
04/09/2023 1300	65	160	-46	267	86	107847979.1
04/09/2023 1315	66	169	-49	269	86	108658353.4
04/09/2023 1330	67	178	-52	271	86	109008855.9
04/09/2023 1345	66	188	-55	273	86	108856407.2
04/09/2023 1400	66	197	-58	275	86	108221838.7
04/09/2023 1415	65	205	-61	277	86	107156727.1
04/09/2023 1430	63	213	-64	280	86	105624073.8
04/09/2023 1445	61	220	-67	283	86	103433766.1
04/09/2023 1500	59	226	-70	286	86	100413131.4
04/09/2023 1515	57	231	-73	291	86	96643488.62
04/09/2023 1530	54	236	-76	297	86	92356400.45
04/09/2023 1545	51	240	-78	306	86	87630028.06
04/09/2023 1600	49	244	-80	318	86	82437891.77
04/09/2023 1615	46	247	-82	337	85	76949044.72
04/09/2023 1630	43	250	-83	2	85	71446922.87
04/09/2023 1645	40	253	-82	26	85	65930200.16
04/09/2023 1700	36	256	-80	44	85	60106936.68
04/09/2023 1715	33	258	-78	56	85	53851756.25
04/09/2023 1730	30	260	-75	65	85	47389462.51
04/09/2023 1745	27	262	-73	71	85	40963053.85
04/09/2023 1800	24	265	-70	75	85	34641563.48

04/09/2023 1815	21	267	-67	79	85	28521617.5
04/09/2023 1830	17	269	-64	82	85	22773554.4
04/09/2023 1845	14	271	-61	85	85	17431324.5
04/09/2023 1900	11	273	-58	87	85	12490569.17
04/09/2023 1915	8	274	-55	89	84	8140517.99
04/09/2023 1930	5	276	-52	91	84	4515003.94
04/09/2023 1945	2	278	-49	93	84	1767494.02
04/09/2023 2000	-2	280	-46	94	84	232545.73
04/09/2023 2015	-5	282	-43	96	84	11819.68
04/09/2023 2030	-8	284	-40	98	84	344.93
04/09/2023 2045	-11	286	-37	99	84	17.06
04/09/2023 2100	-14	288	-34	101	84	2.67
04/09/2023 2115	-17	291	-31	102	84	1.25
04/09/2023 2130	-20	293	-28	104	84	0.5
04/09/2023 2145	-23	295	-25	105	84	0.5
04/09/2023 2200	-26	298	-22	107	84	0.5
04/09/2023 2215	-29	301	-19	108	83	0.5
04/09/2023 2230	-32	304	-16	110	83	0.5
04/09/2023 2245	-34	307	-13	112	83	0.5
04/09/2023 2300	-37	310	-10	113	83	0.5
04/09/2023 2315	-39	314	-7	115	83	0.5
04/09/2023 2330	-41	318	-5	117	83	0.51
04/09/2023 2345	-43	322	-2	119	83	0.64
04/10/2023 0000	-45	326	1	121	83	1.4
04/10/2023 0015	-47	331	4	123	83	2.69
04/10/2023 0030	-48	336	6	125	83	4.39
04/10/2023 0045	-49	342	9	127	83	6.34
04/10/2023 0100	-50	347	11	129	82	8.49
04/10/2023 0115	-51	353	13	131	82	10.77
04/10/2023 0130	-51	359	16	134	82	13.1
04/10/2023 0145	-51	5	18	136	82	15.43
04/10/2023 0200	-51	11	20	139	82	17.74
04/10/2023 0215	-50	16	22	142	82	20.02
04/10/2023 0230	-49	22	24	145	82	22.22
04/10/2023 0245	-47	27	25	148	82	24.28
04/10/2023 0300	-46	32	27	151	82	26.17
04/10/2023 0315	-44	36	28	154	82	27.87
04/10/2023 0330	-42	41	29	158	82	29.36
04/10/2023 0345	-40	45	30	162	82	30.62
04/10/2023 0400	-37	48	31	165	81	31.64
04/10/2023 0415	-35	52	32	169	81	32.4
04/10/2023 0430	-32	55	32	173	81	32.89
04/10/2023 0445	-30	58	33	177	81	33.12
04/10/2023 0500	-27	61	33	181	81	33.07
04/10/2023 0515	-24	64	33	185	81	32.75
04/10/2023 0530	-21	66	32	188	81	32.17
04/10/2023 0545	-18	68	32	192	81	31.97

04/10/2023 0600	-15	71	31	196	81	31.61
04/10/2023 0615	-12	73	30	200	81	36.39
04/10/2023 0630	-9	75	29	203	81	138.92
04/10/2023 0645	-6	77	27	207	80	3646.33
04/10/2023 0700	-3	79	26	210	80	95523.81
04/10/2023 0715	1	81	24	213	80	1148435.96
04/10/2023 0730	4	83	22	216	80	3470489.68
04/10/2023 0745	7	85	21	219	80	6845823.65
04/10/2023 0800	10	87	18	221	80	10960569.91
04/10/2023 0815	13	89	16	224	80	15736462.76
04/10/2023 0830	16	90	14	227	80	20959420.58
04/10/2023 0845	20	92	12	229	80	26575707.46
04/10/2023 0900	23	94	9	231	80	32597961.36
04/10/2023 0915	26	96	7	233	80	38881861.36
04/10/2023 0930	29	99	5	235	79	45290368.56
04/10/2023 0945	32	101	2	237	79	51773168.83
04/10/2023 1000	35	103	-1	239	79	58146243.53
04/10/2023 1015	39	106	-4	241	79	64131749.34
04/10/2023 1030	42	109	-6	243	79	69732638.36
04/10/2023 1045	45	112	-9	244	79	75244501.58
04/10/2023 1100	48	115	-12	246	79	80791956.3
04/10/2023 1115	51	118	-15	248	79	86139321.29
04/10/2023 1130	53	122	-18	249	79	91045620.84
04/10/2023 1145	56	127	-20	251	79	95504843.49
04/10/2023 1200	58	132	-23	252	78	99494144.59
04/10/2023 1215	61	138	-26	253	78	102790520.5
04/10/2023 1230	63	144	-29	255	78	105235809.7
04/10/2023 1245	64	152	-32	256	78	106961289.5
04/10/2023 1300	66	160	-35	258	78	108196773.9
04/10/2023 1315	67	169	-38	259	78	109020653.5
04/10/2023 1330	67	178	-41	260	78	109375030.3
04/10/2023 1345	67	188	-44	262	78	109207194.8
04/10/2023 1400	66	197	-47	263	78	108544003
04/10/2023 1415	65	205	-50	265	78	107456649.3
04/10/2023 1430	63	213	-53	266	78	105930305.1
04/10/2023 1445	61	220	-56	268	77	103773692.4
04/10/2023 1500	59	226	-59	270	77	100782836.7
04/10/2023 1515	57	231	-62	271	77	97014753.27
04/10/2023 1530	54	236	-66	273	77	92713146.58
04/10/2023 1545	52	240	-69	276	77	87977745.43
04/10/2023 1600	49	244	-72	279	77	82777838.5
04/10/2023 1615	46	247	-75	282	77	77267709.25
04/10/2023 1630	43	251	-78	287	77	71738271.02
04/10/2023 1645	40	253	-80	294	77	66209225.5
04/10/2023 1700	37	256	-83	307	77	60390644.25
04/10/2023 1715	34	258	-85	330	76	54138620.62
04/10/2023 1730	30	261	-86	10	76	47668081.22

04/10/2023 1745	27	263	-84	43	76	41229682.94
04/10/2023 1800	24	265	-82	60	76	34897069.35
04/10/2023 1815	21	267	-79	70	76	28761745.95
04/10/2023 1830	18	269	-76	76	76	22995060.24
04/10/2023 1845	14	271	-73	80	76	17637436.38
04/10/2023 1900	11	273	-70	83	76	12679183.75
04/10/2023 1915	8	275	-67	86	76	8303160.43
04/10/2023 1930	5	277	-64	88	76	4650274.7
04/10/2023 1945	2	279	-61	90	75	1858048.68
04/10/2023 2000	-2	281	-58	92	75	258417.94
04/10/2023 2015	-5	282	-55	94	75	13781.77
04/10/2023 2030	-8	285	-52	95	75	405.67
04/10/2023 2045	-11	287	-49	97	75	19.28
04/10/2023 2100	-14	289	-46	98	75	2.86
04/10/2023 2115	-17	291	-43	100	75	1.28
04/10/2023 2130	-20	293	-40	101	75	0.5
04/10/2023 2145	-23	296	-37	102	75	0.5
04/10/2023 2200	-26	298	-34	104	75	0.5
04/10/2023 2215	-29	301	-31	105	74	0.5
04/10/2023 2230	-31	304	-28	107	74	0.5
04/10/2023 2245	-34	307	-25	108	74	0.5
04/10/2023 2300	-36	311	-22	110	74	0.5
04/10/2023 2315	-39	314	-20	111	74	0.5
04/10/2023 2330	-41	318	-17	113	74	0.5
04/10/2023 2345	-43	322	-14	114	74	0.5
04/11/2023 0000	-45	327	-11	116	74	0.5
04/11/2023 0015	-47	331	-8	117	74	0.5
04/11/2023 0030	-48	337	-6	119	74	0.5
04/11/2023 0045	-49	342	-3	121	73	0.54
04/11/2023 0100	-50	347	0	123	73	0.9
04/11/2023 0115	-50	353	2	125	73	1.61
04/11/2023 0130	-51	359	5	127	73	2.7
04/11/2023 0145	-51	5	7	129	73	4
04/11/2023 0200	-50	11	10	131	73	5.44
04/11/2023 0215	-49	16	12	133	73	7
04/11/2023 0230	-48	22	14	136	73	8.61
04/11/2023 0245	-47	27	16	138	73	10.22
04/11/2023 0300	-45	32	18	141	73	11.82
04/11/2023 0315	-44	36	20	144	72	13.38
04/11/2023 0330	-42	41	22	146	72	14.9
04/11/2023 0345	-39	44	23	149	72	16.34
04/11/2023 0400	-37	48	25	153	72	17.66
04/11/2023 0415	-35	52	26	156	72	18.85
04/11/2023 0430	-32	55	27	159	72	19.89
04/11/2023 0445	-29	58	28	163	72	20.78
04/11/2023 0500	-27	61	29	166	72	21.49
04/11/2023 0515	-24	63	30	170	72	22.02

04/11/2023 0530	-21	66	30	173	71	22.37
04/11/2023 0545	-18	68	31	177	71	23.19
04/11/2023 0600	-15	70	31	181	71	24.01
04/11/2023 0615	-12	73	30	185	71	31.29
04/11/2023 0630	-9	75	30	188	71	167.79
04/11/2023 0645	-6	77	29	192	71	4852.22
04/11/2023 0700	-3	79	29	196	71	119199.51
04/11/2023 0715	1	81	28	199	71	1276052.73
04/11/2023 0730	4	83	27	202	71	3701287.56
04/11/2023 0745	7	84	25	206	71	7133430.05
04/11/2023 0800	10	86	24	209	70	11300890.17
04/11/2023 0815	13	88	22	212	70	16116147.32
04/11/2023 0830	17	90	21	215	70	21367194.84
04/11/2023 0845	20	92	19	218	70	27016135.22
04/11/2023 0900	23	94	17	220	70	33067566.62
04/11/2023 0915	26	96	15	223	70	39368873.89
04/11/2023 0930	29	98	13	225	70	45792149.72
04/11/2023 0945	33	101	10	228	70	52285533.89
04/11/2023 1000	36	103	8	230	70	58648788.76
04/11/2023 1015	39	105	6	232	69	64611463.85
04/11/2023 1030	42	108	3	234	69	70209708.11
04/11/2023 1045	45	111	1	236	69	75747421.23
04/11/2023 1100	48	114	-2	238	69	81317398.67
04/11/2023 1115	51	118	-5	240	69	86661862.01
04/11/2023 1130	54	122	-7	241	69	91558107.14
04/11/2023 1145	56	126	-10	243	69	96016173.45
04/11/2023 1200	59	132	-13	244	69	99989421.65
04/11/2023 1215	61	137	-15	246	69	103231746.3
04/11/2023 1230	63	144	-18	248	68	105611175
04/11/2023 1245	65	152	-21	249	68	107303761.7
04/11/2023 1300	66	160	-24	250	68	108546230.8
04/11/2023 1315	67	169	-27	252	68	109389085.2
04/11/2023 1330	67	178	-30	253	68	109748712.7
04/11/2023 1345	67	188	-33	255	68	109564091.7
04/11/2023 1400	66	197	-36	256	68	108868142.6
04/11/2023 1415	65	206	-39	257	68	107751872.1
04/11/2023 1430	64	214	-42	258	68	106225542.3
04/11/2023 1445	62	221	-45	260	67	104100749.9
04/11/2023 1500	60	227	-48	261	67	101142402.4
04/11/2023 1515	57	232	-51	262	67	97379079.16
04/11/2023 1530	54	237	-54	264	67	93063801.81
04/11/2023 1545	52	241	-57	265	67	88319216.39
04/11/2023 1600	49	245	-60	267	67	83112466.85
04/11/2023 1615	46	248	-63	268	67	77582564.05
04/11/2023 1630	43	251	-66	270	67	72026267.45
04/11/2023 1645	40	254	-69	272	67	66484346.82
04/11/2023 1700	37	256	-72	275	66	60670303.83

04/11/2023 1715	34	259	-75	277	66	54422222.72
04/11/2023 1730	30	261	-78	281	66	47944300.67
04/11/2023 1745	27	263	-81	287	66	41494355.93
04/11/2023 1800	24	265	-84	297	66	35151096.09
04/11/2023 1815	21	267	-86	320	66	29001058.69
04/11/2023 1830	18	269	-87	11	66	23216127.8
04/11/2023 1845	15	271	-85	51	66	17843319.06
04/11/2023 1900	11	273	-83	67	66	12868166.43
04/11/2023 1915	8	275	-80	75	65	8466666.18
04/11/2023 1930	5	277	-77	80	65	4786699.82
04/11/2023 1945	2	279	-74	84	65	1951259.58
04/11/2023 2000	-1	281	-71	86	65	286534.36
04/11/2023 2015	-5	283	-68	89	65	16049.21
04/11/2023 2030	-8	285	-65	91	65	477.73
04/11/2023 2045	-11	287	-62	92	65	21.86
04/11/2023 2100	-14	289	-59	94	65	3.06
04/11/2023 2115	-17	291	-56	95	65	1.3
04/11/2023 2130	-20	294	-53	97	64	1.02
04/11/2023 2145	-23	296	-50	98	64	0.5
04/11/2023 2200	-26	299	-47	99	64	0.5
04/11/2023 2215	-28	302	-44	101	64	0.5
04/11/2023 2230	-31	304	-41	102	64	0.5
04/11/2023 2245	-34	308	-38	103	64	0.5
04/11/2023 2300	-36	311	-35	105	64	0.5
04/11/2023 2315	-39	315	-32	106	64	0.5
04/11/2023 2330	-41	318	-29	107	64	0.5
04/11/2023 2345	-43	323	-26	109	63	0.5
04/12/2023 0000	-45	327	-23	110	63	0.5
04/12/2023 0015	-46	332	-20	112	63	0.5
04/12/2023 0030	-48	337	-17	113	63	0.5
04/12/2023 0045	-49	342	-14	115	63	0.5
04/12/2023 0100	-50	348	-12	116	63	0.5
04/12/2023 0115	-50	353	-9	118	63	0.5
04/12/2023 0130	-50	359	-6	120	63	0.5
04/12/2023 0145	-50	5	-4	121	63	0.52
04/12/2023 0200	-50	11	-1	123	62	0.64
04/12/2023 0215	-49	16	2	125	62	1.14
04/12/2023 0230	-48	22	4	127	62	1.87
04/12/2023 0245	-47	27	7	129	62	2.76
04/12/2023 0300	-45	32	9	131	62	3.76
04/12/2023 0315	-43	36	11	133	62	4.84
04/12/2023 0330	-41	40	13	136	62	5.97
04/12/2023 0345	-39	44	15	138	62	7.11
04/12/2023 0400	-37	48	17	141	62	8.24
04/12/2023 0415	-34	51	19	144	61	9.35
04/12/2023 0430	-32	55	21	146	61	10.42
04/12/2023 0445	-29	58	23	149	61	11.44

04/12/2023 0500	-26	60	24	152	61	12.39
04/12/2023 0515	-24	63	26	156	61	13.24
04/12/2023 0530	-21	65	27	159	61	14
04/12/2023 0545	-18	68	28	162	61	15.32
04/12/2023 0600	-15	70	29	166	61	16.86
04/12/2023 0615	-12	72	29	169	60	26.51
04/12/2023 0630	-9	74	30	173	60	207.35
04/12/2023 0645	-5	76	30	177	60	6430.37
04/12/2023 0700	-2	78	30	181	60	147393.25
04/12/2023 0715	1	80	30	184	60	1412081.33
04/12/2023 0730	4	82	30	188	60	3935223.35
04/12/2023 0745	7	84	29	192	60	7422144.21
04/12/2023 0800	10	86	29	195	60	11641265.91
04/12/2023 0815	14	88	28	199	60	16493879.04
04/12/2023 0830	17	90	27	202	59	21772482.76
04/12/2023 0845	20	92	25	205	59	27453751.65
04/12/2023 0900	23	94	24	208	59	33532930
04/12/2023 0915	26	96	22	212	59	39850587.22
04/12/2023 0930	30	98	21	214	59	46288252.54
04/12/2023 0945	33	100	19	217	59	52790796.7
04/12/2023 1000	36	103	17	220	59	59142299.39
04/12/2023 1015	39	105	15	223	59	65082574.88
04/12/2023 1030	42	108	13	225	59	70680741.12
04/12/2023 1045	45	111	11	227	58	76245067.43
04/12/2023 1100	48	114	8	230	58	81835101.78
04/12/2023 1115	51	118	6	232	58	87174584.38
04/12/2023 1130	54	122	4	234	58	92061554.65
04/12/2023 1145	57	126	1	236	58	96518488.25
04/12/2023 1200	59	131	-2	238	58	100471336.3
04/12/2023 1215	61	137	-4	239	58	103655026.1
04/12/2023 1230	63	144	-7	241	58	105971012.9
04/12/2023 1245	65	151	-10	243	57	107639932.3
04/12/2023 1300	66	160	-12	244	57	108898566.8
04/12/2023 1315	67	169	-15	246	57	109765048.3
04/12/2023 1330	68	179	-18	248	57	110130764.8
04/12/2023 1345	68	188	-21	249	57	109928083.5
04/12/2023 1400	67	198	-24	251	57	109195708.7
04/12/2023 1415	66	206	-26	252	57	108044003.7
04/12/2023 1430	64	214	-29	253	57	106510889.7
04/12/2023 1445	62	221	-32	255	57	104415233.5
04/12/2023 1500	60	227	-35	256	56	101491667.9
04/12/2023 1515	57	233	-38	257	56	97736363.78
04/12/2023 1530	55	237	-41	259	56	93408450.3
04/12/2023 1545	52	241	-44	260	56	88654534.37
04/12/2023 1600	49	245	-47	262	56	83441776.32
04/12/2023 1615	46	248	-50	263	56	77893600.91
04/12/2023 1630	43	251	-53	264	56	72310985.61



04/12/2023 1645	40	254	-56	266	56	66755684.38
04/12/2023 1700	37	257	-59	268	55	60946002.88
04/12/2023 1715	34	259	-62	269	55	54702610.7
04/12/2023 1730	31	262	-65	271	55	48218171.9
04/12/2023 1745	27	264	-68	273	55	41757130.66
04/12/2023 1800	24	266	-71	276	55	35403684.48
04/12/2023 1815	21	268	-74	279	55	29239587.19
04/12/2023 1830	18	270	-77	283	55	23436797
04/12/2023 1845	15	272	-80	290	55	18048999.67
04/12/2023 1900	11	274	-83	300	55	13057520.96
04/12/2023 1915	8	275	-85	322	54	8631050.87
04/12/2023 1930	5	277	-86	4	54	4924265.24
04/12/2023 1945	2	279	-85	42	54	2047077.67
04/12/2023 2000	-1	281	-83	61	54	317010.23
04/12/2023 2015	-4	283	-80	71	54	18664.35
04/12/2023 2030	-8	285	-77	77	54	563.27
04/12/2023 2045	-11	287	-74	81	54	24.85
04/12/2023 2100	-14	289	-71	84	54	3.29
04/12/2023 2115	-17	292	-68	86	53	1.34
04/12/2023 2130	-20	294	-65	88	53	1.03
04/12/2023 2145	-23	297	-62	90	53	0.5
04/12/2023 2200	-25	299	-59	92	53	0.5
04/12/2023 2215	-28	302	-56	94	53	0.5
04/12/2023 2230	-31	305	-53	95	53	0.5
04/12/2023 2245	-33	308	-50	97	53	0.5
04/12/2023 2300	-36	311	-47	98	53	0.5
04/12/2023 2315	-38	315	-44	99	52	0.5
04/12/2023 2330	-40	319	-41	101	52	0.5
04/12/2023 2345	-42	323	-38	102	52	0.5
04/13/2023 0000	-44	327	-35	103	52	0.5
04/13/2023 0015	-46	332	-32	105	52	0.5
04/13/2023 0030	-47	337	-29	106	52	0.5
04/13/2023 0045	-48	342	-26	108	52	0.5
04/13/2023 0100	-49	348	-23	109	52	0.5
04/13/2023 0115	-50	354	-20	110	52	0.5
04/13/2023 0130	-50	359	-17	112	51	0.5
04/13/2023 0145	-50	5	-14	113	51	0.5
04/13/2023 0200	-49	11	-11	115	51	0.5
04/13/2023 0215	-49	16	-9	117	51	0.5
04/13/2023 0230	-48	22	-6	118	51	0.5
04/13/2023 0245	-46	27	-3	120	51	0.52
04/13/2023 0300	-45	31	0	122	51	0.68
04/13/2023 0315	-43	36	2	124	51	1.02
04/13/2023 0330	-41	40	5	126	50	1.56
04/13/2023 0345	-39	44	7	128	50	2.2
04/13/2023 0400	-36	48	10	130	50	2.92
04/13/2023 0415	-34	51	12	132	50	3.69

04/13/2023 0430	-31	54	14	135	50	4.49
04/13/2023 0445	-29	57	16	137	50	5.3
04/13/2023 0500	-26	60	18	140	50	6.1
04/13/2023 0515	-23	63	20	142	50	6.88
04/13/2023 0530	-20	65	22	145	50	7.65
04/13/2023 0545	-17	68	24	148	49	9.09
04/13/2023 0600	-14	70	26	151	49	10.97
04/13/2023 0615	-11	72	27	155	49	23.04
04/13/2023 0630	-8	74	28	158	49	262.14
04/13/2023 0645	-5	76	29	161	49	8480.5
04/13/2023 0700	-2	78	30	165	49	180600.31
04/13/2023 0715	1	80	31	169	49	1556154.04
04/13/2023 0730	4	82	32	173	49	4171734.44
04/13/2023 0745	8	84	32	176	48	7711723.9
04/13/2023 0800	11	86	32	180	48	11981315.25
04/13/2023 0815	14	88	32	184	48	16869339.75
04/13/2023 0830	17	90	32	188	48	22175054.77
04/13/2023 0845	20	92	31	192	48	27888231.24
04/13/2023 0900	24	93	30	195	48	33993698.68
04/13/2023 0915	27	96	29	199	48	40326738.12
04/13/2023 0930	30	98	28	202	48	46778389.9
04/13/2023 0945	33	100	27	206	47	53288591.59
04/13/2023 1000	36	102	26	209	47	59626555.42
04/13/2023 1015	39	105	24	212	47	65545115.01
04/13/2023 1030	42	107	23	215	47	71145706.89
04/13/2023 1045	45	110	21	218	47	76737063.33
04/13/2023 1100	48	114	19	221	47	82344584.08
04/13/2023 1115	51	117	17	224	47	87677324.48
04/13/2023 1130	54	121	15	226	47	92555957.49
04/13/2023 1145	57	126	12	229	47	97011369.39
04/13/2023 1200	59	131	10	231	46	100939165.5
04/13/2023 1215	62	137	8	233	46	104060402.9
04/13/2023 1230	64	143	5	235	46	106316851.8
04/13/2023 1245	66	151	3	237	46	107972131.7
04/13/2023 1300	67	160	0	239	46	109255632.5
04/13/2023 1315	68	169	-3	241	46	110149373.2
04/13/2023 1330	68	179	-6	243	46	110521447.4
04/13/2023 1345	68	189	-8	245	46	110299648.9
04/13/2023 1400	67	198	-11	246	45	109527825.1
04/13/2023 1415	66	207	-14	248	45	108334539.6
04/13/2023 1430	64	215	-17	249	45	106787498.6
04/13/2023 1445	62	222	-20	251	45	104717525.5
04/13/2023 1500	60	228	-23	253	45	101830512.6
04/13/2023 1515	58	233	-25	254	45	98086498.64
04/13/2023 1530	55	238	-28	256	45	93747164.3
04/13/2023 1545	52	242	-31	257	45	88983794.28
04/13/2023 1600	49	246	-34	259	44	83765771.29

04/13/2023 1615	46	249	-37	260	44	78200808.28
04/13/2023 1630	43	252	-40	262	44	72592489.69
04/13/2023 1645	40	255	-43	263	44	67023351.05
04/13/2023 1700	37	257	-46	265	44	61217824.55
04/13/2023 1715	34	260	-49	266	44	54979827.47
04/13/2023 1730	31	262	-52	268	44	48489738.64
04/13/2023 1745	28	264	-55	270	44	42018057.85
04/13/2023 1800	24	266	-58	272	44	35654868.82
04/13/2023 1815	21	268	-61	274	43	29477355.56
04/13/2023 1830	18	270	-64	277	43	23657100.3
04/13/2023 1845	15	272	-67	279	43	18254499.43
04/13/2023 1900	12	274	-70	283	43	13247245.01
04/13/2023 1915	8	276	-73	287	43	8796323.8
04/13/2023 1930	5	278	-76	293	43	5062955.38
04/13/2023 1945	2	280	-79	301	43	2145446.7
04/13/2023 2000	-1	282	-81	314	43	349957.05
04/13/2023 2015	-4	284	-83	334	42	21674.19
04/13/2023 2030	-7	286	-84	1	42	664.83
04/13/2023 2045	-11	288	-83	28	42	28.34
04/13/2023 2100	-14	290	-81	47	42	3.55
04/13/2023 2115	-17	292	-78	59	42	1.37
04/13/2023 2130	-20	294	-76	67	42	1.03
04/13/2023 2145	-22	297	-73	72	42	0.5
04/13/2023 2200	-25	299	-70	76	42	0.5
04/13/2023 2215	-28	302	-67	80	42	0.5
04/13/2023 2230	-31	305	-64	83	41	0.5
04/13/2023 2245	-33	308	-61	85	41	0.5
04/13/2023 2300	-36	312	-58	87	41	0.5
04/13/2023 2315	-38	315	-55	89	41	0.5
04/13/2023 2330	-40	319	-52	91	41	0.5
04/13/2023 2345	-42	323	-49	93	41	0.5
04/14/2023 0000	-44	328	-46	94	41	0.5
04/14/2023 0015	-46	332	-43	96	41	0.5
04/14/2023 0030	-47	337	-40	97	40	0.5
04/14/2023 0045	-48	343	-37	99	40	0.5
04/14/2023 0100	-49	348	-34	100	40	0.5
04/14/2023 0115	-49	354	-31	102	40	0.5
04/14/2023 0130	-50	359	-27	103	40	0.5
04/14/2023 0145	-49	5	-25	105	40	0.5
04/14/2023 0200	-49	11	-22	106	40	0.5
04/14/2023 0215	-48	16	-19	108	40	0.5
04/14/2023 0230	-47	21	-16	109	40	0.5
04/14/2023 0245	-46	26	-13	111	39	0.5
04/14/2023 0300	-44	31	-10	112	39	0.5
04/14/2023 0315	-43	36	-7	114	39	0.5
04/14/2023 0330	-41	40	-4	116	39	0.5
04/14/2023 0345	-38	44	-1	118	39	0.54

04/14/2023 0400	-36	47	2	119	39	0.75
04/14/2023 0415	-34	51	4	121	39	1.08
04/14/2023 0430	-31	54	7	123	39	1.49
04/14/2023 0445	-29	57	9	125	38	1.96
04/14/2023 0500	-26	60	12	128	38	2.47
04/14/2023 0515	-23	62	14	130	38	3.01
04/14/2023 0530	-20	65	17	132	38	3.56
04/14/2023 0545	-17	67	19	135	38	4.86
04/14/2023 0600	-14	70	21	138	38	6.85
04/14/2023 0615	-11	72	23	140	38	21.66
04/14/2023 0630	-8	74	25	143	38	337.65
04/14/2023 0645	-5	76	27	147	38	11121.66
04/14/2023 0700	-2	78	29	150	37	219289.52
04/14/2023 0715	2	80	30	153	37	1707792.17
04/14/2023 0730	5	82	31	157	37	4410307.47
04/14/2023 0745	8	84	33	160	37	8001922.78
04/14/2023 0800	11	85	34	164	37	12320656.98
04/14/2023 0815	14	87	34	168	37	17242229.7
04/14/2023 0830	17	89	35	172	37	22574683.42
04/14/2023 0845	21	91	35	176	37	28319248.93
04/14/2023 0900	24	93	35	180	36	34449536.23
04/14/2023 0915	27	95	35	185	36	40797077.03
04/14/2023 0930	30	97	35	189	36	47262278.25
04/14/2023 0945	33	100	35	193	36	53778571.86
04/14/2023 1000	36	102	34	197	36	60101374.1
04/14/2023 1015	40	104	33	201	36	65999131.52
04/14/2023 1030	43	107	32	204	36	71604552.56
04/14/2023 1045	46	110	30	208	36	77223021.02
04/14/2023 1100	49	113	29	211	36	82845403.69
04/14/2023 1115	52	117	27	215	35	88169963
04/14/2023 1130	54	121	25	218	35	93041289.53
04/14/2023 1145	57	125	23	221	35	97494356.77
04/14/2023 1200	60	130	21	224	35	101392263.6
04/14/2023 1215	62	136	19	226	35	104448144.5
04/14/2023 1230	64	143	17	229	35	106650388.7
04/14/2023 1245	66	151	15	232	35	108302566.9
04/14/2023 1300	67	160	12	234	35	109618833.2
04/14/2023 1315	68	169	10	236	34	110542275
04/14/2023 1330	68	179	7	238	34	110920396.3
04/14/2023 1345	68	189	5	240	34	110678733.8
04/14/2023 1400	67	199	2	242	34	109865251.9
04/14/2023 1415	66	207	-1	244	34	108624823.9
04/14/2023 1430	65	215	-4	246	34	107056540.8
04/14/2023 1445	63	222	-7	248	34	105008088
04/14/2023 1500	60	228	-9	250	34	102158860.4
04/14/2023 1515	58	234	-12	252	34	98429373.3
04/14/2023 1530	55	238	-15	253	33	94080005.01

04/14/2023 1545	52	242	-18	255	33	89307092.14
04/14/2023 1600	49	246	-21	257	33	84084461.5
04/14/2023 1615	46	249	-24	258	33	78504172.39
04/14/2023 1630	43	252	-27	260	33	72870835.62
04/14/2023 1645	40	255	-30	261	33	67287452.77
04/14/2023 1700	37	258	-33	263	33	61485848.21
04/14/2023 1715	34	260	-36	265	33	55253911.36
04/14/2023 1730	31	262	-39	267	33	48759037.95
04/14/2023 1745	28	264	-42	268	32	42277181.63
04/14/2023 1800	25	267	-45	270	32	35904677.4
04/14/2023 1815	21	269	-48	272	32	29714381.14
04/14/2023 1830	18	270	-51	274	32	23877063.24
04/14/2023 1845	15	272	-54	277	32	18459834
04/14/2023 1900	12	274	-57	279	32	13437330.52
04/14/2023 1915	9	276	-60	282	32	8962488.18
04/14/2023 1930	5	278	-63	285	32	5202753.15
04/14/2023 1945	2	280	-66	289	32	2246303.66
04/14/2023 2000	-1	282	-69	294	31	385481.25
04/14/2023 2015	-4	284	-72	300	31	25130.62
04/14/2023 2030	-7	286	-74	307	31	785.43
04/14/2023 2045	-10	288	-76	317	31	32.42
04/14/2023 2100	-13	290	-78	330	31	3.85
04/14/2023 2115	-16	292	-79	346	31	1.41
04/14/2023 2130	-19	295	-79	4	31	1.04
04/14/2023 2145	-22	297	-79	21	31	0.5
04/14/2023 2200	-25	300	-77	36	31	0.5
04/14/2023 2215	-28	303	-75	47	30	0.5
04/14/2023 2230	-30	306	-73	55	30	0.5
04/14/2023 2245	-33	309	-70	62	30	0.5
04/14/2023 2300	-35	312	-67	67	30	0.5
04/14/2023 2315	-38	316	-65	71	30	0.5
04/14/2023 2330	-40	319	-62	75	30	0.5
04/14/2023 2345	-42	324	-59	78	30	0.5
04/15/2023 0000	-44	328	-56	80	30	0.5
04/15/2023 0015	-45	333	-53	83	30	0.5
04/15/2023 0030	-47	338	-50	85	29	0.5
04/15/2023 0045	-48	343	-46	87	29	0.5
04/15/2023 0100	-49	348	-43	89	29	0.5
04/15/2023 0115	-49	354	-40	91	29	0.5
04/15/2023 0130	-49	359	-37	92	29	0.5
04/15/2023 0145	-49	5	-34	94	29	0.5
04/15/2023 0200	-49	11	-31	96	29	0.5
04/15/2023 0215	-48	16	-28	97	29	0.5
04/15/2023 0230	-47	21	-25	99	29	0.5
04/15/2023 0245	-46	26	-22	101	28	0.5
04/15/2023 0300	-44	31	-19	102	28	0.5
04/15/2023 0315	-42	36	-16	104	28	0.5

04/15/2023 0330	-40	40	-13	105	28	0.5
04/15/2023 0345	-38	44	-10	107	28	0.5
04/15/2023 0400	-36	47	-7	109	28	0.5
04/15/2023 0415	-33	51	-4	110	28	0.5
04/15/2023 0430	-31	54	-1	112	28	0.53
04/15/2023 0445	-28	57	2	114	28	0.67
04/15/2023 0500	-26	60	5	116	27	0.88
04/15/2023 0515	-23	62	8	118	27	1.13
04/15/2023 0530	-20	65	10	120	27	1.94
04/15/2023 0545	-17	67	13	122	27	2.54
04/15/2023 0600	-14	69	16	125	27	4.58
04/15/2023 0615	-11	71	18	127	27	22.75
04/15/2023 0630	-8	74	21	130	27	440.34
04/15/2023 0645	-5	76	23	132	27	14493.62
04/15/2023 0700	-2	78	25	135	27	263887.08
04/15/2023 0715	2	80	28	138	26	1866433.41
04/15/2023 0730	5	81	30	141	26	4650476.86
04/15/2023 0745	8	83	32	145	26	8292488.9
04/15/2023 0800	11	85	33	148	26	12658914.05
04/15/2023 0815	14	87	35	152	26	17612267.41
04/15/2023 0830	18	89	36	156	26	22971143
04/15/2023 0845	21	91	38	160	26	28746482.47
04/15/2023 0900	24	93	39	164	26	34900124.2
04/15/2023 0915	27	95	39	168	26	41261367.81
04/15/2023 0930	30	97	40	173	26	47739639.33
04/15/2023 0945	34	99	40	177	25	54260412.73
04/15/2023 1000	37	102	40	182	25	60566608.92
04/15/2023 1015	40	104	40	186	25	66444681.81
04/15/2023 1030	43	107	40	191	25	72057202.52
04/15/2023 1045	46	110	39	195	25	77702547.89
04/15/2023 1100	49	113	38	200	25	83337163.66
04/15/2023 1115	52	116	37	204	25	88652424.04
04/15/2023 1130	55	120	36	208	25	93517506.66
04/15/2023 1145	57	125	34	212	25	97966968.37
04/15/2023 1200	60	130	33	215	24	101830089.4
04/15/2023 1215	62	136	31	219	24	104818739.7
04/15/2023 1230	64	143	29	222	24	106973431.6
04/15/2023 1245	66	151	27	225	24	108633236.1
04/15/2023 1300	68	159	25	228	24	109989063.6
04/15/2023 1315	68	169	22	231	24	110943326.5
04/15/2023 1330	69	179	20	234	24	111326620.9
04/15/2023 1345	69	189	17	236	24	111064745.3
04/15/2023 1400	68	199	15	239	24	110208360.6
04/15/2023 1415	67	208	12	241	24	108916015.4
04/15/2023 1430	65	216	9	243	23	107319184.2
04/15/2023 1445	63	223	7	245	23	105287455
04/15/2023 1500	60	229	4	247	23	102476682.3

04/15/2023 1515	58	234	1	249	23	98764879.48
04/15/2023 1530	55	239	-2	251	23	94407023.73
04/15/2023 1545	52	243	-5	253	23	89624524.86
04/15/2023 1600	50	247	-8	255	23	84397862.6
04/15/2023 1615	47	250	-11	257	23	78803678.51
04/15/2023 1630	44	253	-14	259	23	73146072.13
04/15/2023 1645	40	256	-17	260	23	67548089.31
04/15/2023 1700	37	258	-20	262	22	61750150.07
04/15/2023 1715	34	260	-23	264	22	55524897
04/15/2023 1730	31	263	-26	266	22	49026101.05
04/15/2023 1745	28	265	-29	268	22	42534540.25
04/15/2023 1800	25	267	-32	269	22	36153133.24
04/15/2023 1815	21	269	-35	271	22	29950675.17
04/15/2023 1830	18	271	-38	273	22	24096704.92
04/15/2023 1845	15	273	-41	276	22	18665014.04
04/15/2023 1900	12	275	-44	278	22	13627764.3
04/15/2023 1915	9	277	-47	280	21	9129541.39
04/15/2023 1930	6	278	-50	283	21	5343640.04
04/15/2023 1945	2	280	-53	286	21	2349579.49
04/15/2023 2000	-1	282	-56	289	21	423683.04
04/15/2023 2015	-4	284	-59	293	21	29090.66
04/15/2023 2030	-7	286	-61	297	21	928.63
04/15/2023 2045	-10	288	-64	302	21	37.19
04/15/2023 2100	-13	290	-67	307	21	4.18
04/15/2023 2115	-16	293	-69	314	21	1.45
04/15/2023 2130	-19	295	-71	322	21	1.05
04/15/2023 2145	-22	298	-72	332	21	0.5
04/15/2023 2200	-25	300	-74	343	20	0.5
04/15/2023 2215	-28	303	-74	355	20	0.5
04/15/2023 2230	-30	306	-74	8	20	0.5
04/15/2023 2245	-33	309	-73	20	20	0.5
04/15/2023 2300	-35	312	-72	30	20	0.5
04/15/2023 2315	-38	316	-70	39	20	0.5
04/15/2023 2330	-40	320	-68	47	20	0.5
04/15/2023 2345	-42	324	-65	53	20	0.5
04/16/2023 0000	-43	328	-63	58	20	0.5
04/16/2023 0015	-45	333	-60	63	20	0.5
04/16/2023 0030	-46	338	-57	67	19	0.5
04/16/2023 0045	-47	343	-55	70	19	0.5
04/16/2023 0100	-48	348	-52	73	19	0.5
04/16/2023 0115	-49	354	-49	76	19	0.5
04/16/2023 0130	-49	360	-46	79	19	0.5
04/16/2023 0145	-49	5	-43	81	19	0.5
04/16/2023 0200	-48	11	-39	83	19	0.5
04/16/2023 0215	-48	16	-36	85	19	0.5
04/16/2023 0230	-47	21	-33	87	19	0.5
04/16/2023 0245	-45	26	-30	89	19	0.5

04/16/2023 0300	-44	31	-27	91	18	0.5
04/16/2023 0315	-42	35	-24	92	18	0.5
04/16/2023 0330	-40	40	-21	94	18	0.5
04/16/2023 0345	-38	43	-18	96	18	0.5
04/16/2023 0400	-36	47	-15	98	18	0.5
04/16/2023 0415	-33	50	-12	99	18	0.5
04/16/2023 0430	-31	54	-9	101	18	0.5
04/16/2023 0445	-28	57	-5	103	18	0.5
04/16/2023 0500	-25	59	-2	105	18	0.51
04/16/2023 0515	-22	62	1	106	18	0.55
04/16/2023 0530	-20	64	4	108	18	1.16
04/16/2023 0545	-17	67	7	110	17	1.61
04/16/2023 0600	-14	69	10	112	17	3.78
04/16/2023 0615	-11	71	12	114	17	26.3
04/16/2023 0630	-8	73	15	116	17	578.02
04/16/2023 0645	-4	75	18	119	17	18757.73
04/16/2023 0700	-1	77	21	121	17	314761.33
04/16/2023 0715	2	79	24	124	17	2031456.45
04/16/2023 0730	5	81	26	126	17	4891821.96
04/16/2023 0745	8	83	29	129	17	8583163.85
04/16/2023 0800	11	85	31	132	17	12995716.65
04/16/2023 0815	15	87	33	135	17	17979189.16
04/16/2023 0830	18	89	36	139	16	23364209.29
04/16/2023 0845	21	91	38	142	16	29169614.58
04/16/2023 0900	24	93	39	146	16	35345162.91
04/16/2023 0915	27	95	41	150	16	41719387.2
04/16/2023 0930	31	97	43	155	16	48210201.56
04/16/2023 0945	34	99	44	159	16	54733813.57
04/16/2023 1000	37	101	45	164	16	61022148.17
04/16/2023 1015	40	104	46	169	16	66881829.85
04/16/2023 1030	43	106	46	174	16	72503559.7
04/16/2023 1045	46	109	47	180	16	78175252.82
04/16/2023 1100	49	113	46	185	16	83819513.98
04/16/2023 1115	52	116	46	190	15	89124668.13
04/16/2023 1130	55	120	46	195	15	93984542.8
04/16/2023 1145	58	125	45	200	15	98428712.83
04/16/2023 1200	60	130	44	205	15	102252223.3
04/16/2023 1215	63	136	42	209	15	105172886.2
04/16/2023 1230	65	143	41	214	15	107287843.9
04/16/2023 1245	67	150	39	218	15	108965862.1
04/16/2023 1300	68	159	37	221	15	110366670.8
04/16/2023 1315	69	169	35	225	15	111351467.3
04/16/2023 1330	69	179	33	228	15	111738532.2
04/16/2023 1345	69	190	30	232	15	111456566.2
04/16/2023 1400	68	199	28	235	15	110557121.1
04/16/2023 1415	67	208	25	237	14	109209057.6
04/16/2023 1430	65	216	23	240	14	107576564.6



04/16/2023 1445	63	223	20	243	14	105556220.6
04/16/2023 1500	61	230	17	245	14	102783997.7
04/16/2023 1515	58	235	14	247	14	99092914.72
04/16/2023 1530	55	239	11	250	14	94728263.23
04/16/2023 1545	53	243	9	252	14	89936190.13
04/16/2023 1600	50	247	6	254	14	84705996.49
04/16/2023 1615	47	250	3	256	14	79099312.03
04/16/2023 1630	44	253	0	258	14	73418241.7
04/16/2023 1645	41	256	-3	260	14	67805354.73
04/16/2023 1700	37	259	-6	261	13	62010803.69
04/16/2023 1715	34	261	-9	263	13	55792815.89
04/16/2023 1730	31	263	-13	265	13	49290954
04/16/2023 1745	28	265	-16	267	13	42790166.62
04/16/2023 1800	25	267	-19	269	13	36400254.66
04/16/2023 1815	22	269	-22	271	13	30186243.37
04/16/2023 1830	18	271	-25	273	13	24316038.56
04/16/2023 1845	15	273	-28	275	13	18870045.61
04/16/2023 1900	12	275	-31	277	13	13818528.42
04/16/2023 1915	9	277	-34	279	13	9297475.26
04/16/2023 1930	6	279	-37	282	13	5485596.13
04/16/2023 1945	3	281	-40	284	13	2455199.68
04/16/2023 2000	-1	283	-43	287	13	464655.14
04/16/2023 2015	-4	285	-46	290	12	33616.58
04/16/2023 2030	-7	287	-48	293	12	1098.64
04/16/2023 2045	-10	289	-51	296	12	42.78
04/16/2023 2100	-13	291	-54	300	12	4.55
04/16/2023 2115	-16	293	-56	304	12	1.5
04/16/2023 2130	-19	295	-59	309	12	1.07
04/16/2023 2145	-22	298	-61	314	12	0.5
04/16/2023 2200	-25	300	-63	321	12	0.5
04/16/2023 2215	-27	303	-65	328	12	0.5
04/16/2023 2230	-30	306	-66	335	12	0.5
04/16/2023 2245	-33	309	-67	344	12	0.5
04/16/2023 2300	-35	313	-68	353	12	0.5
04/16/2023 2315	-37	316	-68	2	11	0.5
04/16/2023 2330	-39	320	-67	12	11	0.5
04/16/2023 2345	-41	324	-66	20	11	0.5
04/17/2023 0000	-43	329	-65	28	11	0.5
04/17/2023 0015	-45	333	-63	35	11	0.5
04/17/2023 0030	-46	338	-61	42	11	0.5
04/17/2023 0045	-47	343	-59	47	11	0.5
04/17/2023 0100	-48	349	-57	52	11	0.5
04/17/2023 0115	-48	354	-54	57	11	0.5
04/17/2023 0130	-49	360	-52	61	11	0.5
04/17/2023 0145	-48	5	-49	64	11	0.5
04/17/2023 0200	-48	11	-46	67	11	0.5
04/17/2023 0215	-47	16	-43	70	11	0.5

04/17/2023 0230	-46	21	-40	73	10	0.5
04/17/2023 0245	-45	26	-37	75	10	0.5
04/17/2023 0300	-43	31	-34	78	10	0.5
04/17/2023 0315	-42	35	-31	80	10	0.5
04/17/2023 0330	-40	39	-28	82	10	0.5
04/17/2023 0345	-38	43	-25	84	10	0.5
04/17/2023 0400	-35	47	-22	86	10	0.5
04/17/2023 0415	-33	50	-19	88	10	0.5
04/17/2023 0430	-30	53	-16	89	10	0.5
04/17/2023 0445	-28	56	-13	91	10	0.5
04/17/2023 0500	-25	59	-9	93	10	0.5
04/17/2023 0515	-22	62	-6	95	10	0.5
04/17/2023 0530	-19	64	-3	97	10	1.05
04/17/2023 0545	-16	67	0	98	10	1.43
04/17/2023 0600	-13	69	3	100	9	3.89
04/17/2023 0615	-10	71	6	102	9	32.06
04/17/2023 0630	-7	73	9	104	9	760.29
04/17/2023 0645	-4	75	12	106	9	24097.19
04/17/2023 0700	-1	77	15	108	9	372209.6
04/17/2023 0715	2	79	18	110	9	2202202.77
04/17/2023 0730	5	81	21	112	9	5133963.09
04/17/2023 0745	8	83	24	115	9	8873682.57
04/17/2023 0800	12	85	27	117	9	13330704.91
04/17/2023 0815	15	86	30	120	9	18342748.02
04/17/2023 0830	18	88	33	123	9	23753659.31
04/17/2023 0845	21	90	35	126	9	29588334.6
04/17/2023 0900	24	92	38	129	9	35784371.51
04/17/2023 0915	28	94	40	133	9	42170923.56
04/17/2023 0930	31	96	42	136	8	48673700.76
04/17/2023 0945	34	99	45	140	8	55198498.95
04/17/2023 1000	37	101	47	145	8	61467912.03
04/17/2023 1015	40	103	48	150	8	67310641.87
04/17/2023 1030	43	106	50	155	8	72943506.39
04/17/2023 1045	47	109	51	160	8	78640751.16
04/17/2023 1100	50	112	52	166	8	84292151.81
04/17/2023 1115	52	116	53	172	8	89586685.17
04/17/2023 1130	55	120	53	178	8	94442307.99
04/17/2023 1145	58	124	53	184	8	98879102.52
04/17/2023 1200	61	129	53	190	8	102658379.3
04/17/2023 1215	63	135	52	196	8	105511466.7
04/17/2023 1230	65	142	51	202	8	107595480.9
04/17/2023 1245	67	150	50	207	8	109301828.5
04/17/2023 1300	68	159	49	212	8	110751435.2
04/17/2023 1315	69	169	47	217	8	111765035
04/17/2023 1330	70	179	45	221	7	112153997.6
04/17/2023 1345	69	190	43	226	7	111852594.1
04/17/2023 1400	68	200	41	229	7	110911107.9

04/17/2023 1415	67	209	38	233	7	109504660.9
04/17/2023 1430	65	217	36	236	7	107829765.5
04/17/2023 1445	63	224	33	239	7	105815028.4
04/17/2023 1500	61	230	30	242	7	103080873.8
04/17/2023 1515	58	235	28	245	7	99413384.38
04/17/2023 1530	56	240	25	248	7	95043757.43
04/17/2023 1545	53	244	22	250	7	90242184.95
04/17/2023 1600	50	248	19	252	7	85008890.71
04/17/2023 1615	47	251	16	255	7	79391058.93
04/17/2023 1630	44	254	13	257	7	73687381.23
04/17/2023 1645	41	256	10	259	7	68059337.74
04/17/2023 1700	38	259	7	261	7	62267880.16
04/17/2023 1715	34	261	4	263	7	56057696.9
04/17/2023 1730	31	263	1	265	6	49553618.11
04/17/2023 1745	28	266	-2	267	6	43044088.67
04/17/2023 1800	25	268	-5	269	6	36646055.55
04/17/2023 1815	22	270	-8	271	6	30421086.28
04/17/2023 1830	18	272	-11	273	6	24535071.73
04/17/2023 1845	15	273	-14	275	6	19074930.41
04/17/2023 1900	12	275	-17	277	6	14009600.56
04/17/2023 1915	9	277	-20	279	6	9466276.2
04/17/2023 1930	6	279	-23	281	6	5628600
04/17/2023 1945	3	281	-26	283	6	2563084.83
04/17/2023 2000	0	283	-29	285	6	728822.3
04/17/2023 2015	-4	285	-32	288	6	38776.01
04/17/2023 2030	-7	287	-35	290	6	1300.39
04/17/2023 2045	-10	289	-38	293	6	49.35
04/17/2023 2100	-13	291	-41	296	6	4.98
04/17/2023 2115	-16	293	-43	299	6	1.56
04/17/2023 2130	-19	296	-46	303	6	1.08
04/17/2023 2145	-22	298	-48	307	5	0.5
04/17/2023 2200	-24	301	-51	311	5	0.5
04/17/2023 2215	-27	304	-53	315	5	0.5
04/17/2023 2230	-30	307	-55	320	5	0.5
04/17/2023 2245	-32	310	-57	326	5	0.5
04/17/2023 2300	-35	313	-58	332	5	0.5
04/17/2023 2315	-37	317	-60	339	5	0.5
04/17/2023 2330	-39	320	-60	345	5	0.5
04/17/2023 2345	-41	325	-61	353	5	0.5
04/18/2023 0000	-43	329	-61	0	5	0.5
04/18/2023 0015	-44	333	-61	7	5	0.5
04/18/2023 0030	-46	338	-60	15	5	0.5
04/18/2023 0045	-47	343	-59	21	5	0.5
04/18/2023 0100	-48	349	-58	28	5	0.5
04/18/2023 0115	-48	354	-56	34	5	0.5
04/18/2023 0130	-48	360	-54	39	5	0.5
04/18/2023 0145	-48	5	-52	44	5	0.5

04/18/2023 0200	-48	11	-50	48	5	0.5
04/18/2023 0215	-47	16	-48	52	5	0.5
04/18/2023 0230	-46	21	-45	56	4	0.5
04/18/2023 0245	-45	26	-42	59	4	0.5
04/18/2023 0300	-43	31	-40	62	4	0.5
04/18/2023 0315	-41	35	-37	65	4	0.5
04/18/2023 0330	-39	39	-34	68	4	0.5
04/18/2023 0345	-37	43	-31	70	4	0.5
04/18/2023 0400	-35	47	-28	73	4	0.5
04/18/2023 0415	-33	50	-25	75	4	0.5
04/18/2023 0430	-30	53	-22	77	4	0.5
04/18/2023 0445	-27	56	-19	79	4	0.5
04/18/2023 0500	-25	59	-16	81	4	0.5
04/18/2023 0515	-22	61	-13	83	4	0.5
04/18/2023 0530	-19	64	-10	85	4	1.06
04/18/2023 0545	-16	66	-7	87	4	1.49
04/18/2023 0600	-13	69	-3	88	4	4.39
04/18/2023 0615	-10	71	0	90	4	39.9
04/18/2023 0630	-7	73	3	92	4	999.37
04/18/2023 0645	-4	75	6	94	4	30716.6
04/18/2023 0700	-1	77	9	96	4	436447.62
04/18/2023 0715	3	79	12	98	4	2377995.82
04/18/2023 0730	6	81	15	100	4	5376556.88
04/18/2023 0745	9	82	19	102	3	9163773.59
04/18/2023 0800	12	84	22	104	3	13663530.94
04/18/2023 0815	15	86	25	106	3	18702712.53
04/18/2023 0830	18	88	28	108	3	24139271.11
04/18/2023 0845	21	90	31	111	3	30002339.95
04/18/2023 0900	25	92	34	113	3	36217487.73
04/18/2023 0915	28	94	37	116	3	42615775.77
04/18/2023 0930	31	96	39	119	3	49129881.05
04/18/2023 0945	34	98	42	122	3	55654219.3
04/18/2023 1000	37	101	45	125	3	61903849.49
04/18/2023 1015	41	103	47	129	3	67731182.67
04/18/2023 1030	44	106	50	133	3	73376905.62
04/18/2023 1045	47	109	52	138	3	79098669.04
04/18/2023 1100	50	112	54	143	3	84754820.24
04/18/2023 1115	53	115	56	149	3	90038486.72
04/18/2023 1130	56	119	57	155	3	94890687.23
04/18/2023 1145	58	124	59	161	3	99317665.6
04/18/2023 1200	61	129	60	168	3	103048411
04/18/2023 1215	63	135	60	176	3	105835519
04/18/2023 1230	65	142	60	183	3	107898127.9
04/18/2023 1245	67	150	60	190	3	109642130.4
04/18/2023 1300	69	159	59	198	3	111142572.6
04/18/2023 1315	70	169	58	204	3	112181821.6
04/18/2023 1330	70	180	57	211	3	112570414.8

04/18/2023 1345	70	190	55	217	3	112250794.6
04/18/2023 1400	69	200	53	222	2	111269515.3
04/18/2023 1415	67	209	51	227	2	109803288.8
04/18/2023 1430	66	218	49	231	2	108079795.8
04/18/2023 1445	64	225	46	235	2	106064560.3
04/18/2023 1500	61	231	44	239	2	103367426.6
04/18/2023 1515	59	236	41	242	2	99726206.09
04/18/2023 1530	56	240	38	245	2	95353534.07
04/18/2023 1545	53	244	35	248	2	90542606.02
04/18/2023 1600	50	248	32	251	2	85306578.54
04/18/2023 1615	47	251	29	253	2	79678906.11
04/18/2023 1630	44	254	27	256	2	73953522.11
04/18/2023 1645	41	257	23	258	2	68310121.43
04/18/2023 1700	38	259	20	260	2	62521447.93
04/18/2023 1715	35	262	17	262	2	56319566.2
04/18/2023 1730	31	264	14	264	2	49814110.11
04/18/2023 1745	28	266	11	266	2	43296329.45
04/18/2023 1800	25	268	8	268	2	36890545.54
04/18/2023 1815	22	270	5	270	2	30655199.47
04/18/2023 1830	19	272	2	272	2	24753806.49
04/18/2023 1845	15	274	-1	274	2	19279665.81
04/18/2023 1900	12	276	-4	276	2	14200954.13
04/18/2023 1915	9	278	-7	278	2	9635925.2
04/18/2023 1930	6	279	-10	280	2	5772628.51
04/18/2023 1945	3	281	-13	282	2	2673151.17
04/18/2023 2000	0	283	-16	284	2	778412.73
04/18/2023 2015	-4	285	-19	286	2	44641.96
04/18/2023 2030	-7	287	-22	289	2	1539.67
04/18/2023 2045	-10	289	-25	291	2	57.09
04/18/2023 2100	-13	291	-28	294	2	5.46
04/18/2023 2115	-16	294	-30	296	2	1.62
04/18/2023 2130	-19	296	-33	299	1	1.1
04/18/2023 2145	-21	299	-36	302	1	0.5
04/18/2023 2200	-24	301	-38	305	1	0.5
04/18/2023 2215	-27	304	-41	309	1	0.5
04/18/2023 2230	-30	307	-43	312	1	0.5
04/18/2023 2245	-32	310	-45	316	1	0.5
04/18/2023 2300	-35	313	-47	321	1	0.5
04/18/2023 2315	-37	317	-49	325	1	0.5
04/18/2023 2330	-39	321	-50	330	1	0.5
04/18/2023 2345	-41	325	-52	335	1	0.5
04/19/2023 0000	-43	329	-53	341	1	0.5
04/19/2023 0015	-44	334	-54	347	1	0.5
04/19/2023 0030	-45	339	-54	353	1	0.5
04/19/2023 0045	-46	344	-54	359	1	0.5
04/19/2023 0100	-47	349	-54	5	1	0.5
04/19/2023 0115	-48	354	-54	11	1	0.5

04/19/2023 0130	-48	360	-53	17	1	0.5
04/19/2023 0145	-48	5	-52	22	1	0.5
04/19/2023 0200	-47	11	-50	28	1	0.5
04/19/2023 0215	-46	16	-49	33	1	0.5
04/19/2023 0230	-45	21	-47	37	1	0.5
04/19/2023 0245	-44	26	-45	41	1	0.5
04/19/2023 0300	-43	31	-43	45	1	0.5
04/19/2023 0315	-41	35	-41	49	1	0.5
04/19/2023 0330	-39	39	-38	52	1	0.5
04/19/2023 0345	-37	43	-36	56	1	0.5
04/19/2023 0400	-35	46	-33	58	1	0.5
04/19/2023 0415	-32	50	-30	61	1	0.5
04/19/2023 0430	-30	53	-27	64	1	0.5
04/19/2023 0445	-27	56	-25	66	1	0.5
04/19/2023 0500	-24	59	-22	69	1	0.5
04/19/2023 0515	-22	61	-19	71	1	0.5
04/19/2023 0530	-19	64	-16	73	1	1.08
04/19/2023 0545	-16	66	-13	75	1	1.57
04/19/2023 0600	-13	68	-10	77	1	5.04
04/19/2023 0615	-10	70	-7	79	1	49.97
04/19/2023 0630	-7	73	-4	81	1	1310.84
04/19/2023 0645	-4	75	0	82	1	38840.42
04/19/2023 0700	0	77	3	84	1	727882.03
04/19/2023 0715	3	78	6	86	1	2558157.25
04/19/2023 0730	6	80	9	88	1	5619291.26
04/19/2023 0745	9	82	12	90	1	9453159.71
04/19/2023 0800	12	84	15	91	1	13993860.35
04/19/2023 0815	15	86	18	93	1	19058865.09
04/19/2023 0830	18	88	22	95	0	24520823.5
04/19/2023 0845	22	90	25	97	0	30411337.12
04/19/2023 0900	25	92	28	99	0	36644267.08
04/19/2023 0915	28	94	31	101	0	43053752.03
04/19/2023 0930	31	96	34	104	0	49578495.45
04/19/2023 0945	34	98	37	106	0	56100751.04
04/19/2023 1000	38	100	40	108	0	62329934.95
04/19/2023 1015	41	103	43	111	0	68143512.37
04/19/2023 1030	44	105	46	114	0	73803603.04
04/19/2023 1045	47	108	49	118	0	79548647.3
04/19/2023 1100	50	111	52	121	0	85207306.35
04/19/2023 1115	53	115	54	125	0	90480099.39
04/19/2023 1130	56	119	57	130	0	95329541.49
04/19/2023 1145	59	123	59	135	0	99743958.48
04/19/2023 1200	61	129	62	141	0	103422313.7
04/19/2023 1215	64	135	63	148	0	106146201.9
04/19/2023 1230	66	141	65	156	0	108197443.3
04/19/2023 1245	68	150	66	164	0	109987340.9
04/19/2023 1300	69	159	67	173	0	111538760

04/19/2023 1315	70	169	67	182	0	112599153.2
04/19/2023 1330	70	180	67	191	0	112984807.8
04/19/2023 1345	70	190	66	200	0	112648771.5
04/19/2023 1400	69	201	65	209	0	111631184.1
04/19/2023 1415	68	210	63	216	0	110105150
04/19/2023 1430	66	218	61	223	0	108327570.3
04/19/2023 1445	64	225	59	228	0	106305521.9
04/19/2023 1500	61	231	57	233	0	103643816.9
04/19/2023 1515	59	236	54	238	0	100031310.5
04/19/2023 1530	56	241	51	242	0	95657614.54
04/19/2023 1545	53	245	48	246	0	90837548.6
04/19/2023 1600	50	249	46	249	0	85599098.55
04/19/2023 1615	47	252	43	252	0	79962842.08
04/19/2023 1630	44	255	40	255	0	74216691.2
04/19/2023 1645	41	257	37	257	0	68557783.88
04/19/2023 1700	38	260	34	260	0	62771573.03
04/19/2023 1715	35	262	31	262	0	56578447.62
04/19/2023 1730	32	264	28	264	0	50072442.3
04/19/2023 1745	28	266	24	266	0	43546907.18
04/19/2023 1800	25	268	21	268	0	37133730.07
04/19/2023 1815	22	270	18	270	0	30888573.63
04/19/2023 1830	19	272	15	272	0	24972239.45
04/19/2023 1845	16	274	12	274	0	19484244.97
04/19/2023 1900	12	276	9	276	0	14392558.4
04/19/2023 1915	9	278	6	278	0	9806397.87
04/19/2023 1930	6	280	3	279	0	5917656.66
04/19/2023 1945	3	282	0	281	0	2785311.06
04/19/2023 2000	0	284	-3	283	0	830462.93
04/19/2023 2015	-3	286	-6	285	0	51292.73
04/19/2023 2030	-7	288	-9	287	0	1823.24
04/19/2023 2045	-10	290	-12	289	0	66.2
04/19/2023 2100	-13	292	-15	292	0	6.01
04/19/2023 2115	-16	294	-18	294	0	1.69
04/19/2023 2130	-18	296	-20	296	0	1.11
04/19/2023 2145	-21	299	-23	299	0	0.5
04/19/2023 2200	-24	301	-26	301	0	0.5
04/19/2023 2215	-27	304	-28	304	0	0.5
04/19/2023 2230	-29	307	-31	307	0	0.5
04/19/2023 2245	-32	310	-33	310	0	0.5
04/19/2023 2300	-34	314	-35	313	0	0.5
04/19/2023 2315	-37	317	-37	317	0	0.5
04/19/2023 2330	-39	321	-39	321	0	0.5
04/19/2023 2345	-41	325	-41	324	0	0.5
04/20/2023 0000	-42	329	-43	329	0	0.5
04/20/2023 0015	-44	334	-44	333	0	0.5
04/20/2023 0030	-45	339	-46	338	0	0.5
04/20/2023 0045	-46	344	-47	343	0	0.5

04/20/2023 0100	-47	349	-47	348	0	0.5
04/20/2023 0115	-47	354	-48	353	0	0.5
04/20/2023 0130	-47	360	-48	358	0	0.5
04/20/2023 0145	-47	5	-48	3	0	0.5
04/20/2023 0200	-47	11	-47	8	0	0.5
04/20/2023 0215	-46	16	-47	14	0	0.5
04/20/2023 0230	-45	21	-46	18	0	0.5
04/20/2023 0245	-44	26	-45	23	0	0.5
04/20/2023 0300	-42	30	-43	28	0	0.5
04/20/2023 0315	-41	35	-42	32	0	0.5
04/20/2023 0330	-39	39	-40	36	0	0.5
04/20/2023 0345	-37	43	-38	40	0	0.5
04/20/2023 0400	-34	46	-36	43	0	0.5
04/20/2023 0415	-32	49	-34	47	0	0.5
04/20/2023 0430	-29	53	-31	50	0	0.5
04/20/2023 0445	-27	56	-29	53	0	0.5
04/20/2023 0500	-24	58	-26	55	0	0.5
04/20/2023 0515	-21	61	-24	58	0	0.5
04/20/2023 0530	-19	63	-21	60	0	1.11
04/20/2023 0545	-16	66	-18	63	0	1.67
04/20/2023 0600	-13	68	-16	65	0	5.81
04/20/2023 0615	-10	70	-13	67	0	62.81
04/20/2023 0630	-7	72	-10	69	0	1714.29
04/20/2023 0645	-4	74	-7	71	0	48709.98
04/20/2023 0700	0	76	-4	73	0	810368.54
04/20/2023 0715	3	78	-1	75	0	2742019.88
04/20/2023 0730	6	80	2	77	0	5861880.1
04/20/2023 0745	9	82	5	78	0	9741558.61
04/20/2023 0800	12	84	8	80	0	14321373.09
04/20/2023 0815	15	86	12	82	0	19411000.07
04/20/2023 0830	19	88	15	84	0	24898095.79
04/20/2023 0845	22	89	18	85	0	30815042.35
04/20/2023 0900	25	91	21	87	0	37064481.73
04/20/2023 0915	28	93	24	89	0	43484668.47
04/20/2023 0930	32	95	27	91	0	50019306.41
04/20/2023 0945	35	98	30	92	0	56537896.19
04/20/2023 1000	38	100	33	94	0	62746164.71
04/20/2023 1015	41	102	37	96	0	68547683.72
04/20/2023 1030	44	105	40	99	0	74223429.17
04/20/2023 1045	47	108	43	101	0	79990344.84
04/20/2023 1100	50	111	46	103	0	85649438.65
04/20/2023 1115	53	114	49	106	0	90911558.77
04/20/2023 1130	56	118	52	109	0	95758710.28
04/20/2023 1145	59	123	55	112	0	100157577.4
04/20/2023 1200	61	128	58	116	0	103780222.4
04/20/2023 1215	64	134	61	120	0	106444758.9
04/20/2023 1230	66	141	64	125	0	108494908.5



04/20/2023 1245	68	149	66	131	0	110337595.9
04/20/2023 1300	69	159	68	138	0	111938185.4
04/20/2023 1315	70	169	70	147	0	113013993.5
04/20/2023 1330	71	180	72	157	0	113393942.2
04/20/2023 1345	70	191	73	168	0	113043854.6
04/20/2023 1400	69	201	73	180	0	111994642.5
04/20/2023 1415	68	210	73	192	0	110410200.1
04/20/2023 1430	66	219	72	204	0	108573893.7
04/20/2023 1445	64	226	71	214	1	106538630.1
04/20/2023 1500	62	232	69	223	1	103910247.5
04/20/2023 1515	59	237	66	230	1	100328642.9
04/20/2023 1530	56	242	64	236	1	95956014.41
04/20/2023 1545	53	246	61	241	1	91127105.57
04/20/2023 1600	50	249	59	246	1	85886493.68
04/20/2023 1615	47	252	56	249	1	80242856.75
04/20/2023 1630	44	255	53	253	1	74476910.82
04/20/2023 1645	41	258	50	256	1	68802397.93
04/20/2023 1700	38	260	47	259	1	63018319.09
04/20/2023 1715	35	262	44	261	1	56834362.87
04/20/2023 1730	32	265	41	263	1	50328623.06
04/20/2023 1745	28	267	37	266	1	43795835.73
04/20/2023 1800	25	269	34	268	1	37375610.82
04/20/2023 1815	22	271	31	270	1	31121195.08
04/20/2023 1830	19	273	28	272	1	25190362.19
04/20/2023 1845	16	274	25	273	1	19688657.09
04/20/2023 1900	12	276	22	275	1	14584378.87
04/20/2023 1915	9	278	19	277	1	9977664.63
04/20/2023 1930	6	280	16	279	1	6063657.42
04/20/2023 1945	3	282	13	281	1	2899473.57
04/20/2023 2000	0	284	10	282	1	885092.98
04/20/2023 2015	-3	286	7	284	1	58811.74
04/20/2023 2030	-6	288	4	286	1	2158.98
04/20/2023 2045	-9	290	1	288	1	76.97
04/20/2023 2100	-12	292	-2	290	1	6.63
04/20/2023 2115	-15	294	-5	292	1	1.77
04/20/2023 2130	-18	297	-8	294	1	1.13
04/20/2023 2145	-21	299	-11	296	1	0.5
04/20/2023 2200	-24	302	-13	298	1	0.5
04/20/2023 2215	-27	305	-16	300	1	0.5
04/20/2023 2230	-29	307	-19	303	1	0.5
04/20/2023 2245	-32	311	-21	305	1	0.5
04/20/2023 2300	-34	314	-24	308	1	0.5
04/20/2023 2315	-36	318	-26	311	1	0.5
04/20/2023 2330	-38	321	-28	314	1	0.5
04/20/2023 2345	-40	325	-30	317	1	0.5
04/21/2023 0000	-42	330	-32	320	1	0.5
04/21/2023 0015	-44	334	-34	323	1	0.5

04/21/2023 0030	-45	339	-36	327	1	0.5
04/21/2023 0045	-46	344	-37	331	1	0.5
04/21/2023 0100	-47	349	-39	335	1	0.5
04/21/2023 0115	-47	355	-40	339	1	0.5
04/21/2023 0130	-47	360	-41	343	1	0.5
04/21/2023 0145	-47	5	-42	348	1	0.5
04/21/2023 0200	-47	11	-42	352	2	0.5
04/21/2023 0215	-46	16	-42	357	2	0.5
04/21/2023 0230	-45	21	-42	2	2	0.5
04/21/2023 0245	-44	26	-42	6	2	0.5
04/21/2023 0300	-42	30	-41	11	2	0.5
04/21/2023 0315	-40	35	-41	15	2	0.5
04/21/2023 0330	-38	39	-40	19	2	0.5
04/21/2023 0345	-36	42	-39	24	2	0.5
04/21/2023 0400	-34	46	-37	28	2	0.5
04/21/2023 0415	-32	49	-36	31	2	0.5
04/21/2023 0430	-29	52	-34	35	2	0.5
04/21/2023 0445	-27	55	-32	38	2	0.5
04/21/2023 0500	-24	58	-30	42	2	0.5
04/21/2023 0515	-21	61	-28	45	2	0.5
04/21/2023 0530	-18	63	-26	47	2	1.13
04/21/2023 0545	-15	66	-23	50	2	1.78
04/21/2023 0600	-12	68	-21	53	2	6.75
04/21/2023 0615	-9	70	-18	55	2	79.18
04/21/2023 0630	-6	72	-16	58	2	2233.83
04/21/2023 0645	-3	74	-13	60	2	60579.19
04/21/2023 0700	0	76	-10	62	2	898394.88
04/21/2023 0715	3	78	-7	64	2	2928937.53
04/21/2023 0730	6	80	-5	66	2	6104057.65
04/21/2023 0745	9	82	-2	68	2	10028683.37
04/21/2023 0800	13	83	2	70	2	14645763.37
04/21/2023 0815	16	85	4	71	2	19758921.44
04/21/2023 0830	19	87	7	73	2	25270867.09
04/21/2023 0845	22	89	10	75	2	31213181.56
04/21/2023 0900	25	91	13	76	2	37477918.71
04/21/2023 0915	29	93	16	78	2	43908347.58
04/21/2023 0930	32	95	19	80	2	50452085.88
04/21/2023 0945	35	97	22	81	2	56965481.32
04/21/2023 1000	38	100	26	83	3	63152553.08
04/21/2023 1015	41	102	29	84	3	68943739.63
04/21/2023 1030	44	105	32	86	3	74636201.57
04/21/2023 1045	47	107	35	88	3	80423441.17
04/21/2023 1100	50	111	38	90	3	86081083.7
04/21/2023 1115	53	114	41	91	3	91332904.1
04/21/2023 1130	56	118	44	93	3	96178015.22
04/21/2023 1145	59	122	48	95	3	100558168.8
04/21/2023 1200	62	128	51	98	3	104122405.7

04/21/2023 1215	64	134	54	100	3	106732480.7
04/21/2023 1230	66	141	57	103	3	108791786.2
04/21/2023 1245	68	149	60	106	3	110692594.7
04/21/2023 1300	70	158	63	109	3	112338616.9
04/21/2023 1315	71	169	66	114	3	113423064.1
04/21/2023 1330	71	180	69	119	3	113794452.8
04/21/2023 1345	71	191	72	125	3	113433197.6
04/21/2023 1400	70	202	74	133	3	112358157.5
04/21/2023 1415	68	211	76	144	3	110718151.4
04/21/2023 1430	66	219	78	158	3	108819449.8
04/21/2023 1445	64	226	79	174	3	106764601.3
04/21/2023 1500	62	232	78	192	3	104166960.4
04/21/2023 1515	59	238	77	208	3	100618165.3
04/21/2023 1530	56	242	76	221	3	96248745.31
04/21/2023 1545	54	246	73	231	3	91411367.71
04/21/2023 1600	51	250	71	238	3	86168811.57
04/21/2023 1615	48	253	68	244	3	80518942.41
04/21/2023 1630	44	256	65	249	4	74734199.86
04/21/2023 1645	41	258	62	253	4	69044032.11
04/21/2023 1700	38	261	59	257	4	63261747.97
04/21/2023 1715	35	263	56	260	4	57087332.42
04/21/2023 1730	32	265	53	262	4	50582657.73
04/21/2023 1745	29	267	50	265	4	44043125.37
04/21/2023 1800	25	269	47	267	4	37616186.51
04/21/2023 1815	22	271	44	269	4	31353046.57
04/21/2023 1830	19	273	41	271	4	25408161.97
04/21/2023 1845	16	275	38	273	4	19892888.09
04/21/2023 1900	13	277	35	274	4	14776377.99
04/21/2023 1915	9	278	31	276	4	10149691.35
04/21/2023 1930	6	280	28	278	4	6210602.06
04/21/2023 1945	3	282	25	280	4	3015545.33
04/21/2023 2000	0	284	22	281	4	942398.95
04/21/2023 2015	-3	286	19	283	4	67287.28
04/21/2023 2030	-6	288	16	285	4	2556.07
04/21/2023 2045	-9	290	13	286	4	89.74
04/21/2023 2100	-12	292	10	288	4	7.38
04/21/2023 2115	-15	295	7	290	4	1.87
04/21/2023 2130	-18	297	5	291	4	1.16
04/21/2023 2145	-21	299	2	293	4	0.51
04/21/2023 2200	-24	302	-1	295	4	0.5
04/21/2023 2215	-26	305	-4	297	5	0.5
04/21/2023 2230	-29	308	-7	299	5	0.5
04/21/2023 2245	-31	311	-9	301	5	0.5
04/21/2023 2300	-34	314	-12	303	5	0.5
04/21/2023 2315	-36	318	-14	306	5	0.5
04/21/2023 2330	-38	322	-17	308	5	0.5
04/21/2023 2345	-40	326	-19	311	5	0.5

04/22/2023 0000	-42	330	-21	313	5	0.5
04/22/2023 0015	-43	334	-24	316	5	0.5
04/22/2023 0030	-44	339	-26	319	5	0.5
04/22/2023 0045	-45	344	-28	322	5	0.5
04/22/2023 0100	-46	349	-29	325	5	0.5
04/22/2023 0115	-47	355	-31	328	5	0.5
04/22/2023 0130	-47	0	-33	332	5	0.5
04/22/2023 0145	-47	5	-34	336	5	0.5
04/22/2023 0200	-46	11	-35	339	5	0.5
04/22/2023 0215	-45	16	-36	343	5	0.5
04/22/2023 0230	-44	21	-37	347	5	0.5
04/22/2023 0245	-43	26	-37	351	5	0.5
04/22/2023 0300	-42	30	-38	356	5	0.5
04/22/2023 0315	-40	34	-38	360	6	0.5
04/22/2023 0330	-38	38	-37	4	6	0.5
04/22/2023 0345	-36	42	-37	8	6	0.5
04/22/2023 0400	-34	46	-36	12	6	0.5
04/22/2023 0415	-31	49	-36	16	6	0.5
04/22/2023 0430	-29	52	-35	20	6	0.5
04/22/2023 0445	-26	55	-34	24	6	0.5
04/22/2023 0500	-24	58	-32	27	6	0.5
04/22/2023 0515	-21	60	-31	31	6	0.5
04/22/2023 0530	-18	63	-29	34	6	1.15
04/22/2023 0545	-15	65	-27	37	6	1.91
04/22/2023 0600	-12	68	-25	40	6	7.87
04/22/2023 0615	-9	70	-23	43	6	100.03
04/22/2023 0630	-6	72	-21	46	6	2898.62
04/22/2023 0645	-3	74	-19	48	6	74708.96
04/22/2023 0700	0	76	-16	51	6	992103.86
04/22/2023 0715	3	78	-14	53	6	3118292.12
04/22/2023 0730	6	80	-11	55	6	6345573.29
04/22/2023 0745	10	81	-9	57	6	10314243.01
04/22/2023 0800	13	83	-6	59	6	14966739.06
04/22/2023 0815	16	85	-3	61	7	20102440.21
04/22/2023 0830	19	87	0	63	7	25638915.5
04/22/2023 0845	22	89	3	65	7	31605489.82
04/22/2023 0900	26	91	5	67	7	37884377.72
04/22/2023 0915	29	93	8	68	7	44324616.33
04/22/2023 0930	32	95	11	70	7	50876614.82
04/22/2023 0945	35	97	14	72	7	57383355.74
04/22/2023 1000	38	99	17	73	7	63549128.09
04/22/2023 1015	41	102	20	75	7	69331710.77
04/22/2023 1030	45	104	23	76	7	75041726.66
04/22/2023 1045	48	107	26	78	7	80847637.66
04/22/2023 1100	51	110	29	79	7	86502141.74
04/22/2023 1115	54	114	32	81	7	91744173.19
04/22/2023 1130	57	118	35	82	7	96587264.06

04/22/2023 1145	59	122	38	84	7	100945437.5
04/22/2023 1200	62	127	42	85	7	104449255.3
04/22/2023 1215	64	133	45	87	7	107010667.1
04/22/2023 1230	67	140	48	89	8	109089087.3
04/22/2023 1245	69	149	51	91	8	111051618.4
04/22/2023 1300	70	158	54	92	8	112737490
04/22/2023 1315	71	169	57	95	8	113822976.7
04/22/2023 1330	71	180	60	97	8	114182979.9
04/22/2023 1345	71	191	64	99	8	113813884.8
04/22/2023 1400	70	202	67	103	8	112719794.2
04/22/2023 1415	69	212	70	106	8	111028488.8
04/22/2023 1430	67	220	73	111	8	109064793.1
04/22/2023 1445	64	227	76	117	8	106984141.1
04/22/2023 1500	62	233	78	126	8	104414233
04/22/2023 1515	59	238	81	140	8	100899858.3
04/22/2023 1530	57	243	82	160	8	96535816.89
04/22/2023 1545	54	247	83	186	8	91690424.45
04/22/2023 1600	51	250	82	210	8	86446105.22
04/22/2023 1615	48	253	80	227	8	80791095.12
04/22/2023 1630	45	256	77	239	8	74988575.36
04/22/2023 1645	41	259	75	247	9	69282751.84
04/22/2023 1700	38	261	72	252	9	63501920.99
04/22/2023 1715	35	263	69	257	9	57337376.84
04/22/2023 1730	32	265	66	260	9	50834550.1
04/22/2023 1745	29	267	62	263	9	44288784.29
04/22/2023 1800	25	269	59	265	9	37855454.33
04/22/2023 1815	22	271	56	268	9	31584108.76
04/22/2023 1830	19	273	53	270	9	25625623.1
04/22/2023 1845	16	275	50	272	9	20096921.83
04/22/2023 1900	13	277	47	273	9	14968516.39
04/22/2023 1915	10	279	44	275	9	10322440.3
04/22/2023 1930	6	281	41	277	9	6358460.75
04/22/2023 1945	3	283	38	278	9	3133431.77
04/22/2023 2000	1	284	34	280	9	1002454.09
04/22/2023 2015	-3	286	31	281	9	76812.4
04/22/2023 2030	-6	288	28	283	9	3025.4
04/22/2023 2045	-9	291	25	284	10	105.19
04/22/2023 2100	-12	293	22	286	10	8.54
04/22/2023 2115	-15	295	19	287	10	2.26
04/22/2023 2130	-18	297	16	289	10	1.42
04/22/2023 2145	-21	300	14	291	10	0.7
04/22/2023 2200	-24	302	11	292	10	0.65
04/22/2023 2215	-26	305	8	294	10	0.6
04/22/2023 2230	-29	308	5	296	10	0.56
04/22/2023 2245	-31	311	2	297	10	0.53
04/22/2023 2300	-34	315	0	299	10	0.51
04/22/2023 2315	-36	318	-3	301	10	0.5

04/22/2023 2330	-38	322	-6	303	10	0.5
04/22/2023 2345	-40	326	-8	305	10	0.5
04/23/2023 0000	-41	330	-11	307	10	0.5
04/23/2023 0015	-43	335	-13	310	10	0.5
04/23/2023 0030	-44	339	-15	312	10	0.5
04/23/2023 0045	-45	344	-18	314	11	0.5
04/23/2023 0100	-46	350	-20	317	11	0.5
04/23/2023 0115	-46	355	-22	320	11	0.5
04/23/2023 0130	-46	0	-24	323	11	0.5
04/23/2023 0145	-46	5	-26	326	11	0.5
04/23/2023 0200	-46	11	-27	329	11	0.5
04/23/2023 0215	-45	16	-29	332	11	0.5
04/23/2023 0230	-44	21	-30	335	11	0.5
04/23/2023 0245	-43	25	-31	339	11	0.5
04/23/2023 0300	-41	30	-32	343	11	0.5
04/23/2023 0315	-40	34	-33	346	11	0.5
04/23/2023 0330	-38	38	-34	350	11	0.5
04/23/2023 0345	-36	42	-34	354	11	0.5
04/23/2023 0400	-33	46	-34	358	11	0.5
04/23/2023 0415	-31	49	-34	2	11	0.5
04/23/2023 0430	-29	52	-34	6	12	0.5
04/23/2023 0445	-26	55	-33	10	12	0.5
04/23/2023 0500	-23	58	-33	13	12	0.5
04/23/2023 0515	-21	60	-32	17	12	0.5
04/23/2023 0530	-18	63	-31	21	12	1.18
04/23/2023 0545	-15	65	-30	24	12	2.06
04/23/2023 0600	-12	67	-28	27	12	9.23
04/23/2023 0615	-9	69	-27	31	12	126.58
04/23/2023 0630	-6	72	-25	34	12	3743.42
04/23/2023 0645	-3	74	-23	37	12	91360.83
04/23/2023 0700	1	75	-22	40	12	1091468.91
04/23/2023 0715	4	77	-20	42	12	3309498.41
04/23/2023 0730	7	79	-17	45	12	6586186.96
04/23/2023 0745	10	81	-15	47	12	10597943.31
04/23/2023 0800	13	83	-13	50	13	15284021.07
04/23/2023 0815	16	85	-10	52	13	20441372.37
04/23/2023 0830	19	87	-8	54	13	26002017.8
04/23/2023 0845	23	89	-5	56	13	31991711
04/23/2023 0900	26	90	-3	58	13	38283669.23
04/23/2023 0915	29	92	0	60	13	44733304.77
04/23/2023 0930	32	94	3	62	13	51292683.04
04/23/2023 0945	35	97	5	63	13	57791389.65
04/23/2023 1000	39	99	8	65	13	63935927.62
04/23/2023 1015	42	101	11	66	13	69711613.7
04/23/2023 1030	45	104	14	68	13	75439801.64
04/23/2023 1045	48	107	17	70	13	81262658.44
04/23/2023 1100	51	110	20	71	13	86912542.2

04/23/2023 1115	54	113	23	73	13	92145398.3
04/23/2023 1130	57	117	26	74	14	96986255.25
04/23/2023 1145	60	122	29	75	14	101319152.6
04/23/2023 1200	62	127	32	77	14	104761271.6
04/23/2023 1215	65	133	35	78	14	107280590.4
04/23/2023 1230	67	140	38	80	14	109387547.9
04/23/2023 1245	69	148	41	81	14	111413562.9
04/23/2023 1300	70	158	44	82	14	113132007.7
04/23/2023 1315	71	169	47	84	14	114210371.7
04/23/2023 1330	72	180	50	85	14	114556305.7
04/23/2023 1345	71	192	53	87	14	114183039.9
04/23/2023 1400	70	202	57	88	14	113077481.4
04/23/2023 1415	69	212	60	90	14	111340491.8
04/23/2023 1430	67	220	63	92	14	109310344.9
04/23/2023 1445	65	227	66	94	14	107197933.2
04/23/2023 1500	62	234	69	97	15	104652374.9
04/23/2023 1515	60	239	72	100	15	101173722.7
04/23/2023 1530	57	243	75	104	15	96817238.54
04/23/2023 1545	54	247	78	110	15	91964364.27
04/23/2023 1600	51	250	81	119	15	86718433.35
04/23/2023 1615	48	254	84	135	15	81059315.76
04/23/2023 1630	45	256	85	166	15	75240053.82
04/23/2023 1645	42	259	85	207	15	69518620.5
04/23/2023 1700	38	261	83	232	15	63738899.9
04/23/2023 1715	35	264	80	245	15	57584518.13
04/23/2023 1730	32	266	77	253	15	51084303.79
04/23/2023 1745	29	268	74	258	15	44532819.81
04/23/2023 1800	26	270	71	262	15	38093411.23
04/23/2023 1815	22	272	68	265	16	31814361.51
04/23/2023 1830	19	274	65	267	16	25842728.16
04/23/2023 1845	16	275	62	269	16	20300741.21
04/23/2023 1900	13	277	59	271	16	15160754.02
04/23/2023 1915	10	279	56	273	16	10495871.29
04/23/2023 1930	7	281	53	274	16	6507203.2
04/23/2023 1945	4	283	49	276	16	3253038.13
04/23/2023 2000	1	285	46	277	16	1065310.24
04/23/2023 2015	-3	287	43	279	16	87484.38
04/23/2023 2030	-6	289	40	280	16	3579.75
04/23/2023 2045	-9	291	37	282	16	124.39
04/23/2023 2100	-12	293	34	283	16	10.72
04/23/2023 2115	-15	295	31	285	16	3.51
04/23/2023 2130	-18	298	28	286	17	2.46
04/23/2023 2145	-21	300	25	287	17	1.62
04/23/2023 2200	-23	303	22	289	17	1.45
04/23/2023 2215	-26	305	19	290	17	1.29
04/23/2023 2230	-29	308	16	292	17	1.14
04/23/2023 2245	-31	312	13	293	17	1

04/23/2023 2300	-33	315	11	295	17	0.87
04/23/2023 2315	-36	318	8	297	17	0.76
04/23/2023 2330	-38	322	5	298	17	0.66
04/23/2023 2345	-39	326	3	300	17	0.58
04/24/2023 0000	-41	330	0	302	17	0.53
04/24/2023 0015	-43	335	-3	304	17	0.5
04/24/2023 0030	-44	340	-5	306	18	0.5
04/24/2023 0045	-45	345	-8	308	18	0.5
04/24/2023 0100	-46	350	-10	310	18	0.5
04/24/2023 0115	-46	355	-13	312	18	0.5
04/24/2023 0130	-46	0	-15	315	18	0.5
04/24/2023 0145	-46	5	-17	317	18	0.5
04/24/2023 0200	-46	11	-19	320	18	0.5
04/24/2023 0215	-45	16	-21	322	18	0.5
04/24/2023 0230	-44	21	-23	325	18	0.5
04/24/2023 0245	-43	25	-24	328	18	0.5
04/24/2023 0300	-41	30	-26	331	18	0.5
04/24/2023 0315	-39	34	-27	334	18	0.5
04/24/2023 0330	-37	38	-29	338	18	0.5
04/24/2023 0345	-35	42	-30	341	19	0.5
04/24/2023 0400	-33	45	-31	345	19	0.5
04/24/2023 0415	-31	49	-31	348	19	0.5
04/24/2023 0430	-28	52	-32	352	19	0.5
04/24/2023 0445	-26	55	-32	356	19	0.5
04/24/2023 0500	-23	57	-32	360	19	0.5
04/24/2023 0515	-20	60	-32	3	19	0.5
04/24/2023 0530	-18	62	-32	7	19	1.21
04/24/2023 0545	-15	65	-31	11	19	2.24
04/24/2023 0600	-12	67	-31	14	19	10.87
04/24/2023 0615	-9	69	-30	18	19	160.34
04/24/2023 0630	-6	71	-29	21	19	4809.14
04/24/2023 0645	-3	73	-28	25	20	110789.76
04/24/2023 0700	1	75	-26	28	20	1196325.71
04/24/2023 0715	4	77	-25	31	20	3502006.95
04/24/2023 0730	7	79	-23	34	20	6825665.36
04/24/2023 0745	10	81	-21	37	20	10879488
04/24/2023 0800	13	83	-19	40	20	15597342.72
04/24/2023 0815	16	85	-17	42	20	20775537.13
04/24/2023 0830	19	86	-15	45	20	26359949.41
04/24/2023 0845	23	88	-13	47	20	32371597.64
04/24/2023 0900	26	90	-11	49	20	38675613.06
04/24/2023 0915	29	92	-8	51	20	45134245.43
04/24/2023 0930	32	94	-6	53	20	51700089.64
04/24/2023 0945	36	96	-3	55	21	58189472.94
04/24/2023 1000	39	99	0	57	21	64312996.33
04/24/2023 1015	42	101	2	59	21	70083450.27
04/24/2023 1030	45	103	5	61	21	75830217.15



04/24/2023 1045	48	106	7	63	21	81668251.28
04/24/2023 1100	51	109	10	64	21	87312239.77
04/24/2023 1115	54	113	13	66	21	92536603.6
04/24/2023 1130	57	117	16	67	21	97374783.59
04/24/2023 1145	60	121	19	69	21	101679152.5
04/24/2023 1200	63	126	22	70	21	105059047.8
04/24/2023 1215	65	132	25	72	21	107543461.7
04/24/2023 1230	67	140	28	73	21	109687617.6
04/24/2023 1245	69	148	31	74	22	111776986.1
04/24/2023 1300	71	158	34	76	22	113519250.8
04/24/2023 1315	72	169	37	77	22	114582057.6
04/24/2023 1330	72	180	40	78	22	114911488.1
04/24/2023 1345	72	192	43	80	22	114537935
04/24/2023 1400	71	203	46	81	22	113429080.9
04/24/2023 1415	69	213	49	82	22	111653261.9
04/24/2023 1430	67	221	52	84	22	109556392.1
04/24/2023 1445	65	228	55	85	22	107406631.1
04/24/2023 1500	62	234	58	87	22	104881722.9
04/24/2023 1515	60	239	61	88	22	101439780.3
04/24/2023 1530	57	244	65	90	22	97093021.41
04/24/2023 1545	54	248	68	92	23	92233275.73
04/24/2023 1600	51	251	71	94	23	86985861.06
04/24/2023 1615	48	254	74	97	23	81323611.25
04/24/2023 1630	45	257	77	101	23	75488652.62
04/24/2023 1645	42	259	80	106	23	69751700.69
04/24/2023 1700	39	262	83	116	23	63972747.9
04/24/2023 1715	35	264	86	137	23	57828780.84
04/24/2023 1730	32	266	87	185	23	51331923.78
04/24/2023 1745	29	268	85	228	23	44775239.81
04/24/2023 1800	26	270	83	246	23	38330055.24
04/24/2023 1815	23	272	80	255	23	32043785.27
04/24/2023 1830	19	274	77	260	24	26059459.16
04/24/2023 1845	16	276	73	264	24	20504329.1
04/24/2023 1900	13	278	70	266	24	15353051.04
04/24/2023 1915	10	279	67	269	24	10669942.3
04/24/2023 1930	7	281	64	270	24	6656799
04/24/2023 1945	4	283	61	272	24	3374270.47
04/24/2023 2000	1	285	58	274	24	1130999.27
04/24/2023 2015	-3	287	55	275	24	99403.93
04/24/2023 2030	-6	289	52	277	24	4233.67
04/24/2023 2045	-9	291	48	278	24	148.43
04/24/2023 2100	-12	293	45	279	24	14.54
04/24/2023 2115	-15	296	42	281	24	6.24
04/24/2023 2130	-18	298	39	282	25	4.97
04/24/2023 2145	-20	300	36	283	25	3.96
04/24/2023 2200	-23	303	33	285	25	3.62
04/24/2023 2215	-26	306	30	286	25	3.28

04/24/2023 2230	-28	309	27	287	25	2.94
04/24/2023 2245	-31	312	24	289	25	2.6
04/24/2023 2300	-33	315	21	290	25	2.27
04/24/2023 2315	-35	319	18	292	25	1.96
04/24/2023 2330	-37	322	15	293	25	1.68
04/24/2023 2345	-39	326	13	295	25	1.41
04/25/2023 0000	-41	331	10	296	25	1.16
04/25/2023 0015	-42	335	7	298	26	0.94
04/25/2023 0030	-44	340	4	300	26	0.76
04/25/2023 0045	-45	345	2	301	26	0.62
04/25/2023 0100	-45	350	-1	303	26	0.53
04/25/2023 0115	-46	355	-4	305	26	0.5
04/25/2023 0130	-46	0	-6	307	26	0.5
04/25/2023 0145	-46	5	-9	309	26	0.5
04/25/2023 0200	-45	11	-11	311	26	0.5
04/25/2023 0215	-44	16	-13	314	26	0.5
04/25/2023 0230	-43	21	-15	316	26	0.5
04/25/2023 0245	-42	25	-17	319	26	0.5
04/25/2023 0300	-41	30	-19	321	27	0.5
04/25/2023 0315	-39	34	-21	324	27	0.5
04/25/2023 0330	-37	38	-23	327	27	0.5
04/25/2023 0345	-35	42	-25	330	27	0.5
04/25/2023 0400	-33	45	-26	333	27	0.5
04/25/2023 0415	-31	48	-27	336	27	0.5
04/25/2023 0430	-28	51	-29	339	27	0.5
04/25/2023 0445	-26	54	-30	343	27	0.5
04/25/2023 0500	-23	57	-30	346	27	0.5
04/25/2023 0515	-20	60	-31	350	27	0.5
04/25/2023 0530	-17	62	-31	354	27	1.24
04/25/2023 0545	-14	65	-32	357	28	2.44
04/25/2023 0600	-11	67	-32	1	28	12.86
04/25/2023 0615	-9	69	-32	5	28	203.19
04/25/2023 0630	-5	71	-31	9	28	6143.25
04/25/2023 0645	-2	73	-31	12	28	133236.56
04/25/2023 0700	1	75	-30	16	28	1306400.52
04/25/2023 0715	4	77	-29	19	28	3695305.14
04/25/2023 0730	7	79	-28	23	28	7063778.92
04/25/2023 0745	10	81	-27	26	28	11158580.05
04/25/2023 0800	13	82	-25	29	28	15906449.08
04/25/2023 0815	16	84	-24	32	28	21104755.62
04/25/2023 0830	20	86	-22	35	29	26712484.64
04/25/2023 0845	23	88	-20	38	29	32744910.76
04/25/2023 0900	26	90	-18	41	29	39060036.89
04/25/2023 0915	29	92	-16	43	29	45527272.57
04/25/2023 0930	33	94	-14	45	29	52098643.15
04/25/2023 0945	36	96	-12	48	29	58577513.74
04/25/2023 1000	39	98	-9	50	29	64680383.23

04/25/2023 1015	42	101	-7	52	29	70447207.84
04/25/2023 1030	45	103	-5	54	29	76212760.4
04/25/2023 1045	48	106	-2	56	29	82064188.59
04/25/2023 1100	51	109	1	58	29	87701210.93
04/25/2023 1115	54	112	3	60	30	92917804
04/25/2023 1130	57	116	6	62	30	97752646.56
04/25/2023 1145	60	121	9	63	30	102025348
04/25/2023 1200	63	126	12	65	30	105343252.9
04/25/2023 1215	65	132	14	66	30	107800402.8
04/25/2023 1230	68	139	17	68	30	109989458.8
04/25/2023 1245	70	148	20	69	30	112140168.5
04/25/2023 1300	71	158	23	71	30	113896293.5
04/25/2023 1315	72	169	26	72	30	114935143.8
04/25/2023 1330	72	181	29	74	30	115245983.1
04/25/2023 1345	72	192	32	75	30	114876092.8
04/25/2023 1400	71	203	35	76	31	113772459.5
04/25/2023 1415	69	213	38	78	31	111965755.2
04/25/2023 1430	67	222	41	79	31	109803091.2
04/25/2023 1445	65	229	44	80	31	107610851
04/25/2023 1500	63	235	47	82	31	105102636.9
04/25/2023 1515	60	240	50	83	31	101698075.6
04/25/2023 1530	57	244	53	85	31	97363180.67
04/25/2023 1545	54	248	57	86	31	92497248.62
04/25/2023 1600	51	251	60	88	31	87248460.89
04/25/2023 1615	48	254	63	89	31	81583996.14
04/25/2023 1630	45	257	66	91	32	75734391.88
04/25/2023 1645	42	260	69	94	32	69982055.59
04/25/2023 1700	39	262	72	96	32	64203530.94
04/25/2023 1715	35	264	75	100	32	58070193.63
04/25/2023 1730	32	266	78	104	32	51577417.55
04/25/2023 1745	29	268	81	112	32	45016054.29
04/25/2023 1800	26	270	84	126	32	38565386.74
04/25/2023 1815	23	272	86	158	32	32272362.44
04/25/2023 1830	19	274	86	208	32	26275798.97
04/25/2023 1845	16	276	84	236	32	20707669.6
04/25/2023 1900	13	278	81	249	32	15545369.26
04/25/2023 1915	10	280	78	256	33	10844610.79
04/25/2023 1930	7	282	75	260	33	6807218.2
04/25/2023 1945	4	283	72	264	33	3497036.37
04/25/2023 2000	1	285	69	266	33	1199534.27
04/25/2023 2015	-3	287	66	269	33	112674.14
04/25/2023 2030	-6	289	62	270	33	5003.45
04/25/2023 2045	-9	291	59	272	33	178.46
04/25/2023 2100	-12	294	56	274	33	20.58
04/25/2023 2115	-15	296	53	275	33	11.01
04/25/2023 2130	-17	298	50	277	33	9.43
04/25/2023 2145	-20	301	47	278	33	8.18

04/25/2023 2200	-23	303	44	279	34	7.65
04/25/2023 2215	-26	306	41	281	34	7.14
04/25/2023 2230	-28	309	38	282	34	6.61
04/25/2023 2245	-31	312	34	283	34	6.04
04/25/2023 2300	-33	315	31	285	34	5.45
04/25/2023 2315	-35	319	28	286	34	4.86
04/25/2023 2330	-37	323	25	288	34	4.28
04/25/2023 2345	-39	327	22	289	34	3.71
04/26/2023 0000	-41	331	20	290	34	3.17
04/26/2023 0015	-42	335	17	292	34	2.67
04/26/2023 0030	-43	340	14	293	35	2.19
04/26/2023 0045	-44	345	11	295	35	1.76
04/26/2023 0100	-45	350	8	297	35	1.37
04/26/2023 0115	-45	355	5	298	35	1.04
04/26/2023 0130	-45	0	3	300	35	0.77
04/26/2023 0145	-45	5	0	302	35	0.6
04/26/2023 0200	-45	11	-3	304	35	0.51
04/26/2023 0215	-44	16	-5	306	35	0.5
04/26/2023 0230	-43	20	-8	308	35	0.5
04/26/2023 0245	-42	25	-10	310	35	0.5
04/26/2023 0300	-40	30	-13	312	36	0.5
04/26/2023 0315	-39	34	-15	314	36	0.5
04/26/2023 0330	-37	38	-17	317	36	0.5
04/26/2023 0345	-35	41	-19	319	36	0.5
04/26/2023 0400	-33	45	-21	322	36	0.5
04/26/2023 0415	-30	48	-23	325	36	0.5
04/26/2023 0430	-28	51	-25	328	36	0.5
04/26/2023 0445	-25	54	-26	331	36	0.5
04/26/2023 0500	-23	57	-28	334	36	0.5
04/26/2023 0515	-20	60	-29	337	36	1.02
04/26/2023 0530	-17	62	-30	341	36	1.28
04/26/2023 0545	-14	64	-31	344	37	2.67
04/26/2023 0600	-11	67	-32	348	37	15.27
04/26/2023 0615	-8	69	-32	352	37	257.42
04/26/2023 0630	-5	71	-33	356	37	7799.91
04/26/2023 0645	-2	73	-33	359	37	158920.15
04/26/2023 0700	1	75	-33	3	37	1421334.48
04/26/2023 0715	4	77	-32	7	37	3888917.13
04/26/2023 0730	7	78	-32	11	37	7300299.41
04/26/2023 0745	10	80	-31	14	37	11434923.03
04/26/2023 0800	14	82	-30	18	37	16211096.35
04/26/2023 0815	17	84	-29	22	38	21428849.86
04/26/2023 0830	20	86	-28	25	38	27059397.28
04/26/2023 0845	23	88	-27	28	38	33111419.9
04/26/2023 0900	26	90	-25	31	38	39436775.28
04/26/2023 0915	29	92	-24	34	38	45912222.14
04/26/2023 0930	33	94	-22	37	38	52488161.78

04/26/2023 0945	36	96	-20	40	38	58955436.51
04/26/2023 1000	39	98	-18	43	38	65038138.52
04/26/2023 1015	42	100	-16	45	38	70802858.88
04/26/2023 1030	45	103	-14	48	38	76587217.29
04/26/2023 1045	49	106	-11	50	38	82450267.61
04/26/2023 1100	52	109	-9	52	39	88079450.78
04/26/2023 1115	55	112	-6	54	39	93289005.01
04/26/2023 1130	58	116	-4	56	39	98119650.59
04/26/2023 1145	60	120	-1	58	39	102357723.6
04/26/2023 1200	63	125	2	60	39	105614612.4
04/26/2023 1215	66	132	4	62	39	108052421
04/26/2023 1230	68	139	7	64	39	110292956.4
04/26/2023 1245	70	147	10	65	39	112501182.2
04/26/2023 1300	71	157	12	67	39	114260318
04/26/2023 1315	72	169	15	68	39	115267161.1
04/26/2023 1330	73	181	18	70	40	115557750.4
04/26/2023 1345	72	193	21	72	40	115195379.6
04/26/2023 1400	71	204	24	73	40	114105557.1
04/26/2023 1415	70	214	27	74	40	112276817.1
04/26/2023 1430	68	222	30	76	40	110050474.6
04/26/2023 1445	65	229	33	77	40	107811166
04/26/2023 1500	63	235	36	79	40	105315496.9
04/26/2023 1515	60	240	39	80	40	101948675.8
04/26/2023 1530	57	245	42	82	40	97627737.51
04/26/2023 1545	54	249	45	83	40	92756374.81
04/26/2023 1600	51	252	49	85	41	87506313.08
04/26/2023 1615	48	255	52	86	41	81840493.62
04/26/2023 1630	45	258	55	88	41	75977295.9
04/26/2023 1645	42	260	58	90	41	70209750.52
04/26/2023 1700	39	263	61	92	41	64431318.93
04/26/2023 1715	36	265	64	94	41	58308790.46
04/26/2023 1730	32	267	67	97	41	51820797.27
04/26/2023 1745	29	269	70	100	41	45255276.29
04/26/2023 1800	26	271	74	104	41	38799410.07
04/26/2023 1815	23	273	77	109	41	32500078.54
04/26/2023 1830	20	275	79	117	42	26491732.26
04/26/2023 1845	16	276	82	130	42	20910749.09
04/26/2023 1900	13	278	84	152	42	15737672.73
04/26/2023 1915	10	280	85	186	42	11019834.6
04/26/2023 1930	7	282	84	217	42	6958432.02
04/26/2023 1945	4	284	81	235	42	3621246.37
04/26/2023 2000	1	286	78	245	42	1270911.84
04/26/2023 2015	-2	288	76	252	42	127400.02
04/26/2023 2030	-6	290	72	257	42	5907.05
04/26/2023 2045	-9	292	69	260	42	214.91
04/26/2023 2100	-11	294	66	263	42	28.66
04/26/2023 2115	-14	296	63	266	43	17.9

04/26/2023 2130	-17	298	60	268	43	16.18
04/26/2023 2145	-20	301	57	270	43	14.78
04/26/2023 2200	-23	304	54	272	43	14.06
04/26/2023 2215	-25	306	50	273	43	13.29
04/26/2023 2230	-28	309	47	275	43	12.47
04/26/2023 2245	-30	312	44	276	43	11.64
04/26/2023 2300	-33	316	41	278	43	10.83
04/26/2023 2315	-35	319	38	279	43	10.01
04/26/2023 2330	-37	323	35	281	43	9.13
04/26/2023 2345	-39	327	32	282	44	8.21
04/27/2023 0000	-40	331	29	284	44	7.28
04/27/2023 0015	-42	336	26	285	44	6.37
04/27/2023 0030	-43	340	23	287	44	5.49
04/27/2023 0045	-44	345	20	288	44	4.64
04/27/2023 0100	-45	350	17	289	44	3.84
04/27/2023 0115	-45	355	14	291	44	3.11
04/27/2023 0130	-45	0	11	293	44	2.42
04/27/2023 0145	-45	5	8	294	44	1.82
04/27/2023 0200	-45	11	5	296	44	1.3
04/27/2023 0215	-44	16	3	298	45	0.89
04/27/2023 0230	-43	20	0	299	45	0.63
04/27/2023 0245	-42	25	-3	301	45	0.51
04/27/2023 0300	-40	29	-6	303	45	0.5
04/27/2023 0315	-38	34	-8	305	45	0.5
04/27/2023 0330	-37	38	-11	307	45	0.5
04/27/2023 0345	-35	41	-13	310	45	0.5
04/27/2023 0400	-32	45	-16	312	45	0.5
04/27/2023 0415	-30	48	-18	314	45	0.5
04/27/2023 0430	-28	51	-20	317	45	0.5
04/27/2023 0445	-25	54	-22	320	46	0.5
04/27/2023 0500	-22	57	-24	323	46	0.5
04/27/2023 0515	-20	59	-26	326	46	1.03
04/27/2023 0530	-17	62	-28	329	46	1.32
04/27/2023 0545	-14	64	-29	332	46	2.94
04/27/2023 0600	-11	66	-31	335	46	18.19
04/27/2023 0615	-8	68	-32	339	46	325.83
04/27/2023 0630	-5	71	-33	343	46	9840.05
04/27/2023 0645	-2	73	-34	346	46	188030.22
04/27/2023 0700	1	74	-34	350	46	1540704.28
04/27/2023 0715	4	76	-35	354	47	4082402.45
04/27/2023 0730	7	78	-35	358	47	7534998.16
04/27/2023 0745	11	80	-35	2	47	11708222.46
04/27/2023 0800	14	82	-35	6	47	16511051.05
04/27/2023 0815	17	84	-34	10	47	21747641.99
04/27/2023 0830	20	86	-34	14	47	27400461.08
04/27/2023 0845	23	87	-33	18	47	33470902.94
04/27/2023 0900	26	89	-32	21	47	39805668.7

04/27/2023 0915	30	91	-31	25	47	46288931.74
04/27/2023 0930	33	93	-29	28	47	52868473.92
04/27/2023 0945	36	95	-28	32	48	59323180.95
04/27/2023 1000	39	98	-26	35	48	65386311.92
04/27/2023 1015	42	100	-24	38	48	71150361.63
04/27/2023 1030	46	102	-23	41	48	76953374.43
04/27/2023 1045	49	105	-20	44	48	82826308.84
04/27/2023 1100	52	108	-18	46	48	88446967.98
04/27/2023 1115	55	112	-16	49	48	93650201.41
04/27/2023 1130	58	115	-14	51	48	98475615.8
04/27/2023 1145	61	120	-11	53	48	102676335.6
04/27/2023 1200	63	125	-9	56	48	105873889.8
04/27/2023 1215	66	131	-6	58	49	108300391
04/27/2023 1230	68	138	-4	60	49	110597736.4
04/27/2023 1245	70	147	-1	62	49	112857965.1
04/27/2023 1300	72	157	2	64	49	114608722.8
04/27/2023 1315	73	169	5	65	49	115576163.1
04/27/2023 1330	73	181	8	67	49	115845337.6
04/27/2023 1345	72	193	10	69	49	115494082.6
04/27/2023 1400	71	204	13	70	49	114426453.1
04/27/2023 1415	70	214	16	72	49	112585218.8
04/27/2023 1430	68	223	19	74	49	110298459.9
04/27/2023 1445	66	230	22	75	50	108008101.2
04/27/2023 1500	63	236	25	77	50	105520697
04/27/2023 1515	60	241	28	78	50	102191671.3
04/27/2023 1530	57	245	31	80	50	97886721.04
04/27/2023 1545	54	249	34	82	50	93010750.01
04/27/2023 1600	51	252	38	83	50	87759506.9
04/27/2023 1615	48	255	41	85	50	82093136.69
04/27/2023 1630	45	258	44	86	50	76217394.04
04/27/2023 1645	42	261	47	88	50	70434853.09
04/27/2023 1700	39	263	50	90	50	64656185.91
04/27/2023 1715	36	265	53	92	50	58544611.23
04/27/2023 1730	32	267	56	94	51	52062080.04
04/27/2023 1745	29	269	59	97	51	45492923.68
04/27/2023 1800	26	271	63	99	51	39032134.02
04/27/2023 1815	23	273	66	103	51	32726923.61
04/27/2023 1830	20	275	69	106	51	26707246.77
04/27/2023 1845	17	277	72	111	51	21113556.59
04/27/2023 1900	13	279	74	118	51	15929929.01
04/27/2023 1915	10	280	77	126	51	11195572.35
04/27/2023 1930	7	282	79	138	51	7110412.81
04/27/2023 1945	4	284	81	156	51	3746814.25
04/27/2023 2000	1	286	82	179	52	1345113.63
04/27/2023 2015	-2	288	81	202	52	143687.65
04/27/2023 2030	-5	290	80	220	52	6964.63
04/27/2023 2045	-8	292	77	232	52	258.61

04/27/2023 2100	-11	294	75	241	52	38.89
04/27/2023 2115	-14	296	72	247	52	26.65
04/27/2023 2130	-17	299	69	252	52	24.65
04/27/2023 2145	-20	301	66	256	52	23.83
04/27/2023 2200	-23	304	63	259	52	22.74
04/27/2023 2215	-25	307	60	262	52	21.97
04/27/2023 2230	-28	310	56	264	53	20.99
04/27/2023 2245	-30	313	53	266	53	19.93
04/27/2023 2300	-32	316	50	268	53	18.79
04/27/2023 2315	-35	319	47	270	53	17.58
04/27/2023 2330	-37	323	44	272	53	16.37
04/27/2023 2345	-38	327	41	274	53	15.19
04/28/2023 0000	-40	331	37	275	53	13.97
04/28/2023 0015	-41	336	34	277	53	12.67
04/28/2023 0030	-43	340	31	279	53	11.31
04/28/2023 0045	-44	345	28	280	53	9.96
04/28/2023 0100	-44	350	25	282	54	8.63
04/28/2023 0115	-45	355	22	283	54	7.33
04/28/2023 0130	-45	0	19	285	54	6.1
04/28/2023 0145	-45	5	16	286	54	4.96
04/28/2023 0200	-44	11	13	288	54	3.9
04/28/2023 0215	-43	15	10	289	54	2.92
04/28/2023 0230	-43	20	7	291	54	2.08
04/28/2023 0245	-41	25	4	293	54	1.38
04/28/2023 0300	-40	29	1	295	54	0.85
04/28/2023 0315	-38	33	-2	296	54	0.55
04/28/2023 0330	-36	37	-5	298	55	0.5
04/28/2023 0345	-34	41	-7	300	55	0.5
04/28/2023 0400	-32	45	-10	302	55	0.5
04/28/2023 0415	-30	48	-13	305	55	0.5
04/28/2023 0430	-27	51	-15	307	55	0.5
04/28/2023 0445	-25	54	-18	309	55	0.5
04/28/2023 0500	-22	56	-20	312	55	0.5
04/28/2023 0515	-19	59	-22	314	55	1.04
04/28/2023 0530	-17	61	-24	317	55	1.36
04/28/2023 0545	-14	64	-26	320	55	3.26
04/28/2023 0600	-11	66	-28	323	56	21.73
04/28/2023 0615	-8	68	-30	326	56	411.83
04/28/2023 0630	-5	70	-32	330	56	12330.99
04/28/2023 0645	-2	72	-33	333	56	220720.37
04/28/2023 0700	2	74	-35	337	56	1664039.57
04/28/2023 0715	5	76	-36	341	56	4275353.89
04/28/2023 0730	8	78	-37	345	56	7767644.83
04/28/2023 0745	11	80	-38	349	56	11978187
04/28/2023 0800	14	82	-38	353	56	16806089.25
04/28/2023 0815	17	83	-38	357	56	22060953.66
04/28/2023 0830	20	85	-38	2	56	27735450.42



04/28/2023 0845	23	87	-38	6	57	33823146.03
04/28/2023 0900	27	89	-38	10	57	40166562.68
04/28/2023 0915	30	91	-37	14	57	46657240.73
04/28/2023 0930	33	93	-36	18	57	53239418.28
04/28/2023 0945	36	95	-35	22	57	59680700.34
04/28/2023 1000	39	97	-34	26	57	65724950.87
04/28/2023 1015	43	100	-33	30	57	71489661.27
04/28/2023 1030	46	102	-31	33	57	77311021.92
04/28/2023 1045	49	105	-29	37	57	83192156.4
04/28/2023 1100	52	108	-28	40	57	88803782.54
04/28/2023 1115	55	111	-26	43	58	94001378.04
04/28/2023 1130	58	115	-23	46	58	98820379.84
04/28/2023 1145	61	119	-21	49	58	102981307.3
04/28/2023 1200	64	125	-19	51	58	106121864.6
04/28/2023 1215	66	131	-16	54	58	108545038.6
04/28/2023 1230	68	138	-14	56	58	110903191.1
04/28/2023 1245	70	147	-11	58	58	113208398.3
04/28/2023 1300	72	157	-9	60	58	114939220.6
04/28/2023 1315	73	169	-6	63	58	115860803.2
04/28/2023 1330	73	181	-3	65	58	116107937.6
04/28/2023 1345	73	193	0	66	59	115770969.9
04/28/2023 1400	72	205	3	68	59	114733423.2
04/28/2023 1415	70	215	6	70	59	112889694
04/28/2023 1430	68	223	8	72	59	110546860.6
04/28/2023 1445	66	230	11	74	59	108202131.8
04/28/2023 1500	63	236	14	75	59	105718642.3
04/28/2023 1515	60	241	17	77	59	102427174.9
04/28/2023 1530	58	246	20	79	59	98140168.61
04/28/2023 1545	55	249	23	80	59	93260472.78
04/28/2023 1600	52	253	27	82	59	88008139.37
04/28/2023 1615	48	256	30	84	60	82341968.23
04/28/2023 1630	45	258	33	86	60	76454722.39
04/28/2023 1645	42	261	36	87	60	70657435.35
04/28/2023 1700	39	263	39	89	60	64878211.35
04/28/2023 1715	36	265	42	91	60	58777702.14
04/28/2023 1730	33	268	45	93	60	52301287.93
04/28/2023 1745	29	270	48	95	60	45729018.03
04/28/2023 1800	26	271	51	98	60	39263572.16
04/28/2023 1815	23	273	55	100	60	32952892.05
04/28/2023 1830	20	275	58	103	60	26922333.72
04/28/2023 1845	17	277	61	107	60	21316085.03
04/28/2023 1900	13	279	64	110	61	16122109.2
04/28/2023 1915	10	281	67	115	61	11371784.73
04/28/2023 1930	7	282	69	121	61	7263135.13
04/28/2023 1945	4	284	72	128	61	3873657.96
04/28/2023 2000	1	286	74	137	61	1422106.87
04/28/2023 2015	-2	288	76	148	61	161642.68

04/28/2023 2030	-5	290	77	162	61	8198.75
04/28/2023 2045	-8	292	78	178	61	310.02
04/28/2023 2100	-11	294	77	195	61	50.33
04/28/2023 2115	-14	297	76	209	61	36.72
04/28/2023 2130	-17	299	74	221	62	35.09
04/28/2023 2145	-20	302	72	230	62	34.4
04/28/2023 2200	-22	304	69	237	62	33.12
04/28/2023 2215	-25	307	67	243	62	32.35
04/28/2023 2230	-28	310	64	248	62	31.64
04/28/2023 2245	-30	313	61	251	62	30.74
04/28/2023 2300	-32	316	58	255	62	29.52
04/28/2023 2315	-34	320	55	258	62	28.12
04/28/2023 2330	-36	323	52	260	62	26.61
04/28/2023 2345	-38	327	48	263	62	24.98
04/29/2023 0000	-40	332	45	265	63	23.29
04/29/2023 0015	-41	336	42	267	63	21.62
04/29/2023 0030	-42	341	39	269	63	19.96
04/29/2023 0045	-43	345	36	271	63	18.2
04/29/2023 0100	-44	350	33	272	63	16.32
04/29/2023 0115	-44	355	29	274	63	14.41
04/29/2023 0130	-45	0	26	276	63	12.53
04/29/2023 0145	-44	6	23	278	63	10.68
04/29/2023 0200	-44	11	20	279	63	8.9
04/29/2023 0215	-43	15	17	281	63	7.24
04/29/2023 0230	-42	20	14	282	63	5.7
04/29/2023 0245	-41	25	11	284	64	4.27
04/29/2023 0300	-40	29	8	286	64	3.01
04/29/2023 0315	-38	33	5	288	64	1.95
04/29/2023 0330	-36	37	2	289	64	1.13
04/29/2023 0345	-34	41	-1	291	64	0.61
04/29/2023 0400	-32	44	-4	293	64	0.51
04/29/2023 0415	-29	48	-7	295	64	0.5
04/29/2023 0430	-27	51	-10	297	64	0.5
04/29/2023 0445	-25	54	-13	299	64	0.5
04/29/2023 0500	-22	56	-15	301	64	0.5
04/29/2023 0515	-19	59	-18	304	65	1.05
04/29/2023 0530	-16	61	-21	306	65	1.42
04/29/2023 0545	-14	64	-23	309	65	3.62
04/29/2023 0600	-11	66	-25	311	65	26.02
04/29/2023 0615	-8	68	-28	314	65	519.48
04/29/2023 0630	-5	70	-30	317	65	15345.82
04/29/2023 0645	-2	72	-32	320	65	257102.42
04/29/2023 0700	2	74	-34	324	65	1790837.92
04/29/2023 0715	5	76	-36	327	65	4467394.85
04/29/2023 0730	8	78	-37	331	65	7998006.63
04/29/2023 0745	11	80	-39	335	65	12244529.59
04/29/2023 0800	14	81	-40	339	66	17095995.77

04/29/2023 0815	17	83	-41	344	66	22368605.68
04/29/2023 0830	20	85	-42	348	66	28064140.96
04/29/2023 0845	24	87	-42	353	66	34167943.35
04/29/2023 0900	27	89	-43	357	66	40519307.16
04/29/2023 0915	30	91	-43	2	66	47016990.51
04/29/2023 0930	33	93	-43	7	66	53600844.15
04/29/2023 0945	36	95	-42	11	66	60027960.02
04/29/2023 1000	40	97	-41	16	66	66054098.99
04/29/2023 1015	43	99	-41	20	66	71820690.88
04/29/2023 1030	46	102	-39	25	66	77659955.13
04/29/2023 1045	49	104	-38	29	67	83547676.84
04/29/2023 1100	52	107	-36	33	67	89149922.86
04/29/2023 1115	55	111	-35	36	67	94342511.48
04/29/2023 1130	58	115	-33	40	67	99153803.44
04/29/2023 1145	61	119	-31	43	67	103272825.7
04/29/2023 1200	64	124	-29	46	67	106359315.7
04/29/2023 1215	66	130	-27	49	67	108786932.9
04/29/2023 1230	69	138	-24	52	67	111208510.1
04/29/2023 1245	71	146	-22	55	67	113550378.6
04/29/2023 1300	72	157	-19	57	67	115249916.1
04/29/2023 1315	73	168	-17	60	68	116120382.3
04/29/2023 1330	73	181	-14	62	68	116345417
04/29/2023 1345	73	194	-11	64	68	116025330.1
04/29/2023 1400	72	205	-8	66	68	115024990.2
04/29/2023 1415	70	215	-5	68	68	113188974.9
04/29/2023 1430	68	224	-3	70	68	110795399.9
04/29/2023 1445	66	231	1	72	68	108393680.4
04/29/2023 1500	63	237	4	74	68	105909744.3
04/29/2023 1515	61	242	6	76	68	102655321.1
04/29/2023 1530	58	246	9	78	68	98388127.74
04/29/2023 1545	55	250	12	80	68	93505646.49
04/29/2023 1600	52	253	15	81	69	88252316.18
04/29/2023 1615	49	256	19	83	69	82587040.89
04/29/2023 1630	45	259	22	85	69	76689322.45
04/29/2023 1645	42	261	25	87	69	70877571.85
04/29/2023 1700	39	264	28	89	69	65097478.98
04/29/2023 1715	36	266	31	91	69	59008116.25
04/29/2023 1730	33	268	34	93	69	52538450.08
04/29/2023 1745	30	270	37	95	69	45963587.1
04/29/2023 1800	26	272	40	97	69	39493743.57
04/29/2023 1815	23	274	43	99	69	33177982.58
04/29/2023 1830	20	275	46	102	69	27136986.61
04/29/2023 1845	17	277	50	105	70	21518329.6
04/29/2023 1900	14	279	53	108	70	16314187.98
04/29/2023 1915	10	281	55	111	70	11548433.98
04/29/2023 1930	7	283	58	115	70	7416575.07
04/29/2023 1945	4	285	61	119	70	4001700.13

04/29/2023 2000	1	287	64	124	70	1501847.8
04/29/2023 2015	-2	288	66	131	70	181371.02
04/29/2023 2030	-5	290	69	138	70	9634.59
04/29/2023 2045	-8	293	70	147	70	369.65
04/29/2023 2100	-11	295	72	157	70	62.94
04/29/2023 2115	-14	297	73	168	70	47.85
04/29/2023 2130	-17	299	73	180	71	46.38
04/29/2023 2145	-20	302	73	192	71	46.08
04/29/2023 2200	-22	304	72	204	71	45.28
04/29/2023 2215	-25	307	70	213	71	44.7
04/29/2023 2230	-27	310	68	222	71	43.93
04/29/2023 2245	-30	313	66	229	71	43.16
04/29/2023 2300	-32	316	63	235	71	42.33
04/29/2023 2315	-34	320	61	240	71	41.18
04/29/2023 2330	-36	324	58	244	71	39.64
04/29/2023 2345	-38	328	55	248	71	37.85
04/30/2023 0000	-40	332	52	251	71	35.9
04/30/2023 0015	-41	336	49	254	72	33.78
04/30/2023 0030	-42	341	46	257	72	31.55
04/30/2023 0045	-43	346	43	259	72	29.32
04/30/2023 0100	-44	350	39	262	72	27.11
04/30/2023 0115	-44	355	36	264	72	24.77
04/30/2023 0130	-44	0	33	266	72	22.26
04/30/2023 0145	-44	6	30	268	72	19.67
04/30/2023 0200	-44	11	27	270	72	17.1
04/30/2023 0215	-43	15	24	271	72	14.58
04/30/2023 0230	-42	20	21	273	72	12.14
04/30/2023 0245	-41	25	17	275	72	9.84
04/30/2023 0300	-39	29	14	277	73	7.7
04/30/2023 0315	-38	33	11	278	73	5.72
04/30/2023 0330	-36	37	8	280	73	3.97
04/30/2023 0345	-34	41	5	282	73	2.49
04/30/2023 0400	-32	44	2	284	73	1.34
04/30/2023 0415	-29	47	-1	285	73	0.64
04/30/2023 0430	-27	50	-4	287	73	0.51
04/30/2023 0445	-24	53	-7	289	73	0.5
04/30/2023 0500	-22	56	-10	291	73	0.5
04/30/2023 0515	-19	59	-13	293	73	1.07
04/30/2023 0530	-16	61	-16	295	73	1.48
04/30/2023 0545	-13	63	-19	298	74	4.03
04/30/2023 0600	-10	66	-22	300	74	31.23
04/30/2023 0615	-7	68	-24	303	74	653.57
04/30/2023 0630	-4	70	-27	305	74	18962.38
04/30/2023 0645	-1	72	-29	308	74	297241.76
04/30/2023 0700	2	74	-32	311	74	1920577.47
04/30/2023 0715	5	76	-34	314	74	4658176.43
04/30/2023 0730	8	77	-36	318	74	8225848.07

04/30/2023 0745	11	79	-38	321	74	12506968.54
04/30/2023 0800	14	81	-40	325	74	17380563.43
04/30/2023 0815	17	83	-42	329	74	22670417.91
04/30/2023 0830	21	85	-44	333	75	28386310.41
04/30/2023 0845	24	87	-45	338	75	34505097.08
04/30/2023 0900	27	88	-46	343	75	40863755.99
04/30/2023 0915	30	90	-47	348	75	47368025
04/30/2023 0930	33	92	-47	353	75	53952611.53
04/30/2023 0945	37	94	-48	358	75	60364936.1
04/30/2023 1000	40	97	-48	3	75	66373795.06
04/30/2023 1015	43	99	-47	8	75	72143372.88
04/30/2023 1030	46	101	-47	14	75	77999976.62
04/30/2023 1045	49	104	-46	19	75	83892757.96
04/30/2023 1100	52	107	-45	23	75	89485423.25
04/30/2023 1115	55	110	-44	28	75	94673571.33
04/30/2023 1130	58	114	-42	32	76	99475773.4
04/30/2023 1145	61	119	-41	37	76	103551135
04/30/2023 1200	64	124	-39	40	76	106587004.2
04/30/2023 1215	67	130	-37	44	76	109026484.7
04/30/2023 1230	69	137	-34	48	76	111512720.4
04/30/2023 1245	71	146	-32	51	76	113881893.9
04/30/2023 1300	73	156	-30	54	76	115539372.3
04/30/2023 1315	74	168	-27	57	76	116354869.5
04/30/2023 1330	74	181	-25	59	76	116558313.2
04/30/2023 1345	73	194	-22	62	76	116256986
04/30/2023 1400	72	206	-19	64	76	115299957.4
04/30/2023 1415	71	216	-16	67	76	113481821.7
04/30/2023 1430	69	224	-14	69	77	111043722.3
04/30/2023 1445	66	232	-11	71	77	108583117.7
04/30/2023 1500	64	237	-8	73	77	106094417.9
04/30/2023 1515	61	242	-5	75	77	102876265.6
04/30/2023 1530	58	247	-2	77	77	98630656.44
04/30/2023 1545	55	250	2	79	77	93746378.8
04/30/2023 1600	52	254	4	81	77	88492151.06
04/30/2023 1615	49	257	7	83	77	82828417.84
04/30/2023 1630	46	259	10	85	77	76921243.51
04/30/2023 1645	42	262	14	87	77	71095342.11
04/30/2023 1700	39	264	17	88	77	65314077.53
04/30/2023 1715	36	266	20	90	78	59235911.98
04/30/2023 1730	33	268	23	92	78	52773599.65
04/30/2023 1745	30	270	26	94	78	46196662
04/30/2023 1800	26	272	29	96	78	39722672.08
04/30/2023 1815	23	274	32	99	78	33402199.91
04/30/2023 1830	20	276	35	101	78	27351204.48
04/30/2023 1845	17	278	38	103	78	21720290.29
04/30/2023 1900	14	279	41	106	78	16506143.88
04/30/2023 1915	11	281	44	109	78	11725483.23

04/30/2023 1930	7	283	47	112	78	7570708.68
04/30/2023 1945	4	285	50	115	78	4130866.71
04/30/2023 2000	1	287	53	119	78	1584281.17
04/30/2023 2015	-2	289	55	123	79	202976.43
04/30/2023 2030	-5	291	58	128	79	11300.09
04/30/2023 2045	-8	293	60	134	79	437.66
04/30/2023 2100	-11	295	63	140	79	74.91
04/30/2023 2115	-14	297	64	147	79	58.14
04/30/2023 2130	-17	300	66	155	79	57.15
04/30/2023 2145	-19	302	67	163	79	57.52
04/30/2023 2200	-22	305	68	173	79	57.46
04/30/2023 2215	-25	307	68	182	79	57.67
04/30/2023 2230	-27	310	67	192	79	57.6
04/30/2023 2245	-29	313	66	201	79	57.28
04/30/2023 2300	-32	317	65	209	79	56.77
04/30/2023 2315	-34	320	63	216	80	56.02
04/30/2023 2330	-36	324	61	223	80	54.92
04/30/2023 2345	-38	328	59	228	80	53.36