

## June 2023

Time Local	Solar Elevation (°)	Solar Azimuth (° True)	Lunar Elevation (°)	Lunar Azimuth (° True)	Lunar Phase (%)	Ground Illumination (mlx)
06/01/2023 0000	-33	335	43	202	90	60.82
06/01/2023 0015	-34	339	42	206	90	58.99
06/01/2023 0030	-35	343	40	211	90	56.83
06/01/2023 0045	-36	347	39	215	90	54.32
06/01/2023 0100	-36	352	37	219	90	51.41
06/01/2023 0115	-37	356	35	222	90	48.1
06/01/2023 0130	-37	0	32	225	90	44.43
06/01/2023 0145	-37	5	30	229	90	40.49
06/01/2023 0200	-36	9	28	232	90	36.39
06/01/2023 0215	-36	13	25	234	90	32.16
06/01/2023 0230	-35	17	22	237	90	27.86
06/01/2023 0245	-34	21	20	239	90	23.6
06/01/2023 0300	-33	25	17	242	90	19.47
06/01/2023 0315	-31	29	14	244	91	15.49
06/01/2023 0330	-30	32	11	246	91	11.68
06/01/2023 0345	-28	36	8	248	91	8.2
06/01/2023 0400	-26	39	6	250	91	5.18
06/01/2023 0415	-24	42	3	252	91	2.69
06/01/2023 0430	-21	45	0	254	91	1.16
06/01/2023 0445	-19	48	-4	256	91	1.1
06/01/2023 0500	-17	50	-7	258	91	1.34
06/01/2023 0515	-14	53	-10	259	91	2.69
06/01/2023 0530	-12	55	-13	261	91	12.09
06/01/2023 0545	-9	57	-16	263	91	134.9
06/01/2023 0600	-6	60	-19	265	91	2886
06/01/2023 0615	-3	62	-22	266	91	57735.71
06/01/2023 0630	0	64	-25	268	91	780928.16
06/01/2023 0645	3	66	-28	270	91	2487140.94
06/01/2023 0700	5	67	-31	272	91	5292213.02
06/01/2023 0715	8	69	-35	274	92	8811361.26
06/01/2023 0730	11	71	-38	276	92	12999240.89
06/01/2023 0745	14	73	-41	278	92	17734202.25
06/01/2023 0800	18	74	-44	280	92	22873122.07
06/01/2023 0815	21	76	-47	282	92	28437964.37
06/01/2023 0830	24	78	-50	285	92	34409354.21
06/01/2023 0845	27	79	-53	288	92	40638389.21
06/01/2023 0900	30	81	-56	291	92	47037153.17
06/01/2023 0915	33	83	-59	294	92	53551731.81
06/01/2023 0930	36	84	-61	299	92	59948635.39
06/01/2023 0945	40	86	-64	303	92	65984462.07
06/01/2023 1000	43	88	-67	309	92	71796319.79
06/01/2023 1015	46	90	-69	316	92	77729139.51

06/01/2023 1030	49	92	-71	324	92	83766360.15
06/01/2023 1045	52	94	-73	334	92	89561809.01
06/01/2023 1100	56	96	-74	345	92	95004730.4
06/01/2023 1115	59	99	-74	358	92	100103126
06/01/2023 1130	62	101	-74	10	93	104393757.9
06/01/2023 1145	65	105	-73	22	93	107599086.9
06/01/2023 1200	68	109	-72	33	93	110640082.3
06/01/2023 1215	71	114	-70	42	93	114126736.2
06/01/2023 1230	74	121	-68	49	93	116711918.7
06/01/2023 1245	77	130	-66	55	93	117830634.6
06/01/2023 1300	79	142	-63	61	93	119163308.3
06/01/2023 1315	80	160	-60	65	93	120690826.3
06/01/2023 1330	81	181	-57	69	93	121213163.2
06/01/2023 1345	80	202	-55	73	93	120565167.1
06/01/2023 1400	79	219	-52	76	93	118986843.6
06/01/2023 1415	76	231	-49	78	93	117730995.1
06/01/2023 1430	74	240	-46	81	93	116523616.7
06/01/2023 1445	71	247	-43	83	93	113765799.2
06/01/2023 1500	68	252	-40	86	93	110290484.3
06/01/2023 1515	65	256	-37	88	93	107291115.1
06/01/2023 1530	62	259	-34	90	93	103995836.4
06/01/2023 1545	58	262	-31	92	94	99591509.17
06/01/2023 1600	55	264	-27	93	94	94445285.74
06/01/2023 1615	52	267	-24	95	94	88971218.15
06/01/2023 1630	49	269	-21	97	94	83139766.43
06/01/2023 1645	46	271	-18	99	94	77100229.62
06/01/2023 1700	42	273	-15	101	94	71190682.31
06/01/2023 1715	39	274	-12	102	94	65375320.91
06/01/2023 1730	36	276	-9	104	94	59303264.97
06/01/2023 1745	33	278	-6	106	94	52882447.66
06/01/2023 1800	30	279	-3	108	94	46375987.32
06/01/2023 1815	27	281	0	110	94	39997156.08
06/01/2023 1830	23	283	3	112	94	33791839.01
06/01/2023 1845	20	284	5	114	94	27859521.26
06/01/2023 1900	17	286	8	116	94	22343247.13
06/01/2023 1915	14	288	11	118	94	17247564.63
06/01/2023 1930	11	289	13	120	94	12561793.88
06/01/2023 1945	8	291	16	123	94	8440845.33
06/01/2023 2000	5	293	19	125	94	4989694.8
06/01/2023 2015	2	295	21	128	94	2270510.27
06/01/2023 2030	-1	297	23	130	95	468996.12
06/01/2023 2045	-4	299	26	133	95	44925.31
06/01/2023 2100	-6	301	28	136	95	2214.78
06/01/2023 2115	-9	303	30	140	95	157.47
06/01/2023 2130	-12	305	32	143	95	66.94
06/01/2023 2145	-14	308	34	147	95	63.41
06/01/2023 2200	-17	310	35	150	95	66.08

06/01/2023 2215	-19	313	37	154	95	69.18
06/01/2023 2230	-22	315	38	158	95	71.5
06/01/2023 2245	-24	318	39	163	95	73.87
06/01/2023 2300	-26	321	40	167	95	75.75
06/01/2023 2315	-28	325	40	172	95	77.13
06/01/2023 2330	-30	328	40	176	95	78
06/01/2023 2345	-31	332	40	181	95	78.35
06/02/2023 0000	-33	335	40	185	95	78.18
06/02/2023 0015	-34	339	40	190	95	77.49
06/02/2023 0030	-35	343	39	194	95	76.27
06/02/2023 0045	-36	347	38	198	95	74.52
06/02/2023 0100	-36	352	37	203	95	72.22
06/02/2023 0115	-37	356	36	207	95	69.37
06/02/2023 0130	-37	0	34	210	96	65.97
06/02/2023 0145	-37	5	32	214	96	62.05
06/02/2023 0200	-36	9	31	217	96	57.71
06/02/2023 0215	-36	13	29	221	96	53.02
06/02/2023 0230	-35	17	26	224	96	48.05
06/02/2023 0245	-34	21	24	227	96	42.84
06/02/2023 0300	-32	25	22	229	96	37.49
06/02/2023 0315	-31	29	19	232	96	32.12
06/02/2023 0330	-29	32	17	234	96	26.84
06/02/2023 0345	-28	36	14	237	96	21.68
06/02/2023 0400	-26	39	12	239	96	16.68
06/02/2023 0415	-24	42	9	241	96	12.02
06/02/2023 0430	-21	45	6	243	96	7.89
06/02/2023 0445	-19	48	3	245	96	4.93
06/02/2023 0500	-17	50	1	247	96	2.74
06/02/2023 0515	-14	53	-3	249	96	2.91
06/02/2023 0530	-12	55	-6	251	96	12.64
06/02/2023 0545	-9	57	-9	252	96	142.94
06/02/2023 0600	-6	59	-12	254	96	3061.18
06/02/2023 0615	-3	62	-15	256	96	60438.94
06/02/2023 0630	0	64	-18	257	96	797532.59
06/02/2023 0645	3	65	-21	259	96	2520417.97
06/02/2023 0700	6	67	-24	261	97	5333558.3
06/02/2023 0715	8	69	-27	262	97	8857127.19
06/02/2023 0730	11	71	-30	264	97	13048104.98
06/02/2023 0745	14	73	-33	265	97	17783471.11
06/02/2023 0800	18	74	-36	267	97	22921965.46
06/02/2023 0815	21	76	-39	269	97	28486589.02
06/02/2023 0830	24	77	-42	271	97	34456751.11
06/02/2023 0845	27	79	-45	273	97	40683523.23
06/02/2023 0900	30	81	-48	275	97	47080051.63
06/02/2023 0915	33	82	-51	277	97	53591937.97
06/02/2023 0930	36	84	-54	279	97	59984809.56
06/02/2023 0945	40	86	-57	282	97	66016793.13

06/02/2023 1000	43	88	-60	285	97	71827287.87
06/02/2023 1015	46	89	-63	288	97	77760572.5
06/02/2023 1030	49	91	-66	292	97	83797555.41
06/02/2023 1045	52	93	-69	297	97	89591970.12
06/02/2023 1100	56	96	-72	303	97	95035016.12
06/02/2023 1115	59	98	-74	310	97	100133286.6
06/02/2023 1130	62	101	-76	320	97	104420151.9
06/02/2023 1145	65	104	-78	333	97	107623548
06/02/2023 1200	68	109	-79	350	97	110674746.9
06/02/2023 1215	71	114	-79	7	97	114171427
06/02/2023 1230	74	120	-78	24	97	116742018.7
06/02/2023 1245	77	129	-77	38	97	117856257.6
06/02/2023 1300	79	142	-75	49	97	119238296.6
06/02/2023 1315	81	159	-72	57	97	120802494.5
06/02/2023 1330	81	181	-70	64	98	121330348.2
06/02/2023 1345	80	202	-67	69	98	120701200.8
06/02/2023 1400	79	220	-64	73	98	119090662.5
06/02/2023 1415	77	232	-61	76	98	117773910.3
06/02/2023 1430	74	240	-58	79	98	116593905.9
06/02/2023 1445	71	247	-55	82	98	113881529.1
06/02/2023 1500	68	252	-52	85	98	110391449.5
06/02/2023 1515	65	256	-49	87	98	107375704
06/02/2023 1530	62	259	-46	89	98	104101547.9
06/02/2023 1545	59	262	-43	91	98	99722665.14
06/02/2023 1600	55	265	-40	93	98	94585506.46
06/02/2023 1615	52	267	-37	94	98	89117856.18
06/02/2023 1630	49	269	-34	96	98	83294679.83
06/02/2023 1645	46	271	-31	98	98	77255664.39
06/02/2023 1700	43	273	-28	99	98	71341444.49
06/02/2023 1715	39	274	-25	101	98	65529081.19
06/02/2023 1730	36	276	-22	103	98	59468700.68
06/02/2023 1745	33	278	-19	104	98	53056805.84
06/02/2023 1800	30	279	-16	106	98	46551646.94
06/02/2023 1815	27	281	-13	108	98	40171599.94
06/02/2023 1830	24	283	-10	109	98	33964237.83
06/02/2023 1845	20	284	-7	111	98	28025593.93
06/02/2023 1900	17	286	-5	113	98	22500254.79
06/02/2023 1915	14	288	-2	115	98	17396826.63
06/02/2023 1930	11	289	1	117	98	12700838.45
06/02/2023 1945	8	291	4	119	98	8563235.26
06/02/2023 2000	5	293	6	121	98	5093948.62
06/02/2023 2015	2	295	9	123	98	2348052.98
06/02/2023 2030	0	297	12	125	98	721398.26
06/02/2023 2045	-4	299	14	128	98	49752.22
06/02/2023 2100	-6	301	16	130	98	2484.31
06/02/2023 2115	-9	303	19	133	99	158.41
06/02/2023 2130	-12	305	21	135	99	58.41

06/02/2023 2145	-14	308	23	138	99	56.67
06/02/2023 2200	-17	310	25	141	99	62.06
06/02/2023 2215	-19	313	27	144	99	68.17
06/02/2023 2230	-21	315	29	148	99	73.65
06/02/2023 2245	-24	318	30	151	99	79.28
06/02/2023 2300	-26	321	31	155	99	84.43
06/02/2023 2315	-28	325	33	158	99	89.01
06/02/2023 2330	-29	328	34	162	99	92.95
06/02/2023 2345	-31	332	35	166	99	96.19
06/03/2023 0000	-33	335	35	170	99	98.72
06/03/2023 0015	-34	339	36	174	99	100.5
06/03/2023 0030	-35	343	36	178	99	101.52
06/03/2023 0045	-36	347	36	182	99	101.78
06/03/2023 0100	-36	352	35	187	99	101.26
06/03/2023 0115	-37	356	35	191	99	99.95
06/03/2023 0130	-37	0	34	195	99	97.85
06/03/2023 0145	-37	4	33	199	99	94.96
06/03/2023 0200	-36	9	32	202	99	91.31
06/03/2023 0215	-36	13	31	206	99	86.94
06/03/2023 0230	-35	17	29	209	99	81.92
06/03/2023 0245	-34	21	28	213	99	76.33
06/03/2023 0300	-32	25	26	216	99	70.22
06/03/2023 0315	-31	29	24	219	99	63.65
06/03/2023 0330	-29	32	22	222	99	56.74
06/03/2023 0345	-28	36	20	224	99	49.63
06/03/2023 0400	-26	39	17	227	99	42.49
06/03/2023 0415	-24	42	15	230	99	35.38
06/03/2023 0430	-21	45	13	232	99	28.34
06/03/2023 0445	-19	47	10	234	99	22.1
06/03/2023 0500	-17	50	8	236	99	16.12
06/03/2023 0515	-14	53	5	238	99	12
06/03/2023 0530	-11	55	2	240	99	17.65
06/03/2023 0545	-9	57	0	242	99	152.19
06/03/2023 0600	-6	59	-3	244	99	3228.61
06/03/2023 0615	-3	61	-6	246	99	62963.72
06/03/2023 0630	0	63	-9	247	99	812592.7
06/03/2023 0645	3	65	-12	249	99	2550138.96
06/03/2023 0700	6	67	-15	251	99	5370082.6
06/03/2023 0715	8	69	-18	252	99	8897216.68
06/03/2023 0730	11	71	-21	254	99	13090506.69
06/03/2023 0745	15	72	-24	255	99	17825795.63
06/03/2023 0800	18	74	-27	257	99	22963485.29
06/03/2023 0815	21	76	-30	258	99	28527446.31
06/03/2023 0830	24	77	-33	260	99	34496072.44
06/03/2023 0845	27	79	-36	261	99	40720464.51
06/03/2023 0900	30	81	-39	263	100	47114668.08
06/03/2023 0915	33	82	-42	264	100	53623905.27

06/03/2023 0930	36	84	-45	266	100	60013152.69
06/03/2023 0945	40	86	-48	267	100	66041791.58
06/03/2023 1000	43	87	-51	269	100	71850974.92
06/03/2023 1015	46	89	-54	271	100	77784435.86
06/03/2023 1030	49	91	-57	273	100	83821176.92
06/03/2023 1045	52	93	-60	275	100	89614899.6
06/03/2023 1100	56	95	-63	277	100	95058293.4
06/03/2023 1115	59	98	-66	280	100	100156852.9
06/03/2023 1130	62	101	-69	283	100	104441208.2
06/03/2023 1145	65	104	-72	287	100	107643587.9
06/03/2023 1200	68	108	-75	292	100	110703953.3
06/03/2023 1215	71	113	-78	300	100	114209821.5
06/03/2023 1230	74	120	-80	310	100	116768126.9
06/03/2023 1245	77	129	-82	327	100	117879747.3
06/03/2023 1300	79	141	-83	351	100	119308678
06/03/2023 1315	81	159	-83	19	100	120905609
06/03/2023 1330	81	181	-82	41	100	121437018.6
06/03/2023 1345	81	203	-79	55	100	120830013.7
06/03/2023 1400	79	220	-77	64	100	119194281.6
06/03/2023 1415	77	232	-74	71	100	117816407
06/03/2023 1430	74	241	-71	75	100	116659727.8
06/03/2023 1445	71	247	-68	79	100	113993471.7
06/03/2023 1500	68	252	-65	82	100	110490719.5
06/03/2023 1515	65	256	-62	85	100	107458250.9
06/03/2023 1530	62	259	-59	87	100	104204206.4
06/03/2023 1545	59	262	-56	89	100	99850809.78
06/03/2023 1600	55	265	-53	91	100	94723010.51
06/03/2023 1615	52	267	-50	93	100	89261691.43
06/03/2023 1630	49	269	-47	95	100	83446807.28
06/03/2023 1645	46	271	-44	96	100	77408607.92
06/03/2023 1700	43	273	-41	98	100	71489787.92
06/03/2023 1715	39	275	-38	99	100	65680089.12
06/03/2023 1730	36	276	-35	101	100	59631076.95
06/03/2023 1745	33	278	-32	102	100	53228107.82
06/03/2023 1800	30	280	-29	104	100	46724322.69
06/03/2023 1815	27	281	-26	105	100	40343017.15
06/03/2023 1830	24	283	-23	107	100	34133633.74
06/03/2023 1845	20	284	-20	108	100	28188827.3
06/03/2023 1900	17	286	-17	110	100	22654507.07
06/03/2023 1915	14	288	-15	112	100	17543363.75
06/03/2023 1930	11	289	-12	113	100	12837447.43
06/03/2023 1945	8	291	-9	115	100	8683595.44
06/03/2023 2000	5	293	-6	117	100	5196511.8
06/03/2023 2015	3	295	-3	118	100	2425056.99
06/03/2023 2030	0	297	-1	120	100	756887.51
06/03/2023 2045	-3	299	2	122	100	54891.61
06/03/2023 2100	-6	301	5	124	100	2772

06/03/2023 2115	-9	303	7	126	100	149.81
06/03/2023 2130	-12	305	9	128	100	38.26
06/03/2023 2145	-14	308	12	131	100	37.73
06/03/2023 2200	-17	310	14	133	100	45.58
06/03/2023 2215	-19	313	16	136	100	54.63
06/03/2023 2230	-21	316	18	138	100	63.4
06/03/2023 2245	-24	318	20	141	100	72.68
06/03/2023 2300	-26	321	22	144	100	81.74
06/03/2023 2315	-28	325	24	147	100	90.4
06/03/2023 2330	-29	328	26	150	100	98.46
06/03/2023 2345	-31	332	27	153	100	105.79
06/04/2023 0000	-32	335	28	157	100	112.29
06/04/2023 0015	-34	339	29	160	100	117.9
06/04/2023 0030	-35	343	30	164	100	122.54
06/04/2023 0045	-35	347	31	167	100	126.15
06/04/2023 0100	-36	352	32	171	100	128.67
06/04/2023 0115	-36	356	32	175	100	130.1
06/04/2023 0130	-37	0	32	179	100	130.4
06/04/2023 0145	-36	4	32	183	100	129.6
06/04/2023 0200	-36	9	32	186	100	127.71
06/04/2023 0215	-35	13	31	190	100	124.75
06/04/2023 0230	-35	17	31	194	100	120.78
06/04/2023 0245	-34	21	30	198	100	115.85
06/04/2023 0300	-32	25	29	201	100	110.05
06/04/2023 0315	-31	29	27	205	100	103.46
06/04/2023 0330	-29	32	26	208	100	96.16
06/04/2023 0345	-27	35	25	211	100	88.25
06/04/2023 0400	-26	39	23	214	100	79.83
06/04/2023 0415	-23	42	21	217	100	71.08
06/04/2023 0430	-21	45	19	220	100	62.18
06/04/2023 0445	-19	47	17	222	100	53.86
06/04/2023 0500	-17	50	15	225	100	45.36
06/04/2023 0515	-14	52	13	227	100	38.22
06/04/2023 0530	-11	55	10	230	100	40.66
06/04/2023 0545	-9	57	8	232	100	177.39
06/04/2023 0600	-6	59	6	234	100	3398.13
06/04/2023 0615	-3	61	3	236	100	65289.64
06/04/2023 0630	0	63	1	238	100	826045.65
06/04/2023 0645	3	65	-2	240	100	2576256.32
06/04/2023 0700	6	67	-5	241	100	5401780.4
06/04/2023 0715	9	69	-8	243	100	8931636.63
06/04/2023 0730	12	71	-11	245	100	13126472.19
06/04/2023 0745	15	72	-13	246	100	17861219.53
06/04/2023 0800	18	74	-16	248	100	22997734.44
06/04/2023 0815	21	76	-19	249	100	28560601.52
06/04/2023 0830	24	77	-22	251	100	34527399.21
06/04/2023 0845	27	79	-25	252	100	40749305.27



06/04/2023 0900	30	80	-28	254	100	47141104.37
06/04/2023 0915	33	82	-31	255	100	53647747.58
06/04/2023 0930	36	84	-34	256	100	60033785.25
06/04/2023 0945	40	85	-37	258	100	66059574.91
06/04/2023 1000	43	87	-40	259	100	71867498.48
06/04/2023 1015	46	89	-43	260	100	77800859.46
06/04/2023 1030	49	91	-46	262	100	83837367.62
06/04/2023 1045	52	93	-49	263	100	89630742.17
06/04/2023 1100	56	95	-52	265	100	95074707.33
06/04/2023 1115	59	98	-55	266	100	100173976.9
06/04/2023 1130	62	101	-58	268	100	104457068.2
06/04/2023 1145	65	104	-61	269	99	107659304.9
06/04/2023 1200	68	108	-64	271	99	110727786.4
06/04/2023 1215	71	113	-67	273	99	114242096.9
06/04/2023 1230	74	119	-70	276	99	116790476
06/04/2023 1245	77	128	-73	279	99	117901042.1
06/04/2023 1300	79	141	-76	282	99	119374081.9
06/04/2023 1315	81	158	-79	288	99	121000121.4
06/04/2023 1330	81	181	-82	296	99	121533331
06/04/2023 1345	81	203	-84	311	99	120951167.1
06/04/2023 1400	79	220	-86	343	99	119297156.4
06/04/2023 1415	77	232	-86	26	99	117858595.4
06/04/2023 1430	74	241	-84	54	99	116721340.2
06/04/2023 1445	71	247	-81	67	99	114101621.9
06/04/2023 1500	68	252	-78	74	99	110588246
06/04/2023 1515	65	256	-75	79	99	107538803.7
06/04/2023 1530	62	260	-72	83	99	104303865.4
06/04/2023 1545	59	262	-69	86	99	99975944.11
06/04/2023 1600	56	265	-66	88	99	94857781.55
06/04/2023 1615	52	267	-63	90	99	89402704.91
06/04/2023 1630	49	269	-60	92	99	83596106.82
06/04/2023 1645	46	271	-57	93	99	77558998.56
06/04/2023 1700	43	273	-54	95	99	71635656.69
06/04/2023 1715	40	275	-51	96	99	65828296.94
06/04/2023 1730	36	276	-48	98	99	59790331.35
06/04/2023 1745	33	278	-45	99	99	53396267.77
06/04/2023 1800	30	280	-42	101	99	46893919.14
06/04/2023 1815	27	281	-39	102	99	40511308.51
06/04/2023 1830	24	283	-36	103	99	34299915.36
06/04/2023 1845	21	285	-33	105	99	28349100.11
06/04/2023 1900	17	286	-30	106	99	22805885.13
06/04/2023 1915	14	288	-27	107	99	17687053.79
06/04/2023 1930	11	290	-25	109	99	12971486.95
06/04/2023 1945	8	291	-22	110	99	8801801.57
06/04/2023 2000	5	293	-19	112	99	5297269.56
06/04/2023 2015	3	295	-16	113	99	2501367.17
06/04/2023 2030	0	297	-13	115	99	792701.82



06/04/2023 2045	-3	299	-10	117	99	60360.95
06/04/2023 2100	-6	301	-8	118	99	3099.89
06/04/2023 2115	-9	303	-5	120	99	146.64
06/04/2023 2130	-11	305	-2	122	99	13.24
06/04/2023 2145	-14	308	1	124	99	4.65
06/04/2023 2200	-17	310	3	125	99	6.05
06/04/2023 2215	-19	313	5	127	99	9.77
06/04/2023 2230	-21	316	8	130	99	13.85
06/04/2023 2245	-23	318	10	132	99	18.96
06/04/2023 2300	-26	322	12	134	98	24.42
06/04/2023 2315	-27	325	14	137	98	30.01
06/04/2023 2330	-29	328	16	139	98	35.57
06/04/2023 2345	-31	332	18	142	98	41.05
06/05/2023 0000	-32	335	20	144	98	46.4
06/05/2023 0015	-34	339	22	147	98	51.55
06/05/2023 0030	-35	343	24	150	98	56.38
06/05/2023 0045	-35	347	25	153	98	60.8
06/05/2023 0100	-36	352	26	157	98	64.74
06/05/2023 0115	-36	356	27	160	98	68.15
06/05/2023 0130	-36	0	28	164	98	70.99
06/05/2023 0145	-36	4	29	167	98	73.23
06/05/2023 0200	-36	9	30	171	98	74.85
06/05/2023 0215	-35	13	30	174	98	75.83
06/05/2023 0230	-34	17	30	178	98	76.15
06/05/2023 0245	-33	21	30	182	98	75.83
06/05/2023 0300	-32	25	30	186	98	74.86
06/05/2023 0315	-31	28	30	189	98	73.27
06/05/2023 0330	-29	32	29	193	98	71.07
06/05/2023 0345	-27	35	28	196	98	68.31
06/05/2023 0400	-25	39	27	200	98	65.02
06/05/2023 0415	-23	42	26	203	98	61.24
06/05/2023 0430	-21	45	25	206	98	57.02
06/05/2023 0445	-19	47	23	209	98	53
06/05/2023 0500	-16	50	22	212	98	48.41
06/05/2023 0515	-14	52	20	215	98	44.87
06/05/2023 0530	-11	55	18	218	98	50.81
06/05/2023 0545	-9	57	16	221	98	196.37
06/05/2023 0600	-6	59	14	223	98	3556.58
06/05/2023 0615	-3	61	12	226	98	67392.78
06/05/2023 0630	0	63	10	228	97	837842.51
06/05/2023 0645	3	65	8	230	97	2598743.76
06/05/2023 0700	6	67	5	232	97	5428660.47
06/05/2023 0715	9	69	3	234	97	8960404.89
06/05/2023 0730	12	70	1	236	97	13156035.48
06/05/2023 0745	15	72	-3	238	97	17889791.92
06/05/2023 0800	18	74	-5	240	97	23024771.31
06/05/2023 0815	21	75	-8	241	97	28586125.5

06/05/2023 0830	24	77	-11	243	97	34550817.02
06/05/2023 0845	27	79	-13	245	97	40770141.79
06/05/2023 0900	30	80	-16	246	97	47159466.17
06/05/2023 0915	33	82	-19	248	97	53663581.22
06/05/2023 0930	36	84	-22	249	97	60046828.46
06/05/2023 0945	40	85	-25	251	97	66070261.79
06/05/2023 1000	43	87	-27	252	97	71876979.08
06/05/2023 1015	46	89	-30	253	97	77809976.02
06/05/2023 1030	49	91	-33	255	97	83846271.12
06/05/2023 1045	52	93	-36	256	97	89639642.39
06/05/2023 1100	56	95	-39	257	97	95084403.08
06/05/2023 1115	59	98	-42	259	97	100184807.4
06/05/2023 1130	62	100	-45	260	97	104467866.6
06/05/2023 1145	65	104	-48	261	97	107670797
06/05/2023 1200	68	108	-51	263	97	110746339.6
06/05/2023 1215	71	112	-54	264	97	114268425
06/05/2023 1230	74	119	-57	266	96	116809272.3
06/05/2023 1245	77	128	-60	267	96	117920081.2
06/05/2023 1300	79	140	-63	269	96	119434199.7
06/05/2023 1315	81	158	-66	271	96	121086095.9
06/05/2023 1330	82	180	-69	273	96	121619594.1
06/05/2023 1345	81	203	-72	275	96	121064360.5
06/05/2023 1400	79	220	-75	278	96	119398753.7
06/05/2023 1415	77	233	-78	282	96	117900542.6
06/05/2023 1430	74	241	-81	289	96	116778991
06/05/2023 1445	71	248	-84	300	96	114205978.5
06/05/2023 1500	68	253	-86	326	96	110683974.7
06/05/2023 1515	65	256	-87	18	96	107617400.7
06/05/2023 1530	62	260	-85	53	96	104400572
06/05/2023 1545	59	263	-82	68	96	100098063.4
06/05/2023 1600	56	265	-79	76	96	94989795.92
06/05/2023 1615	52	267	-76	80	96	89540870.39
06/05/2023 1630	49	269	-73	84	96	83742530.05
06/05/2023 1645	46	271	-70	86	96	77706768
06/05/2023 1700	43	273	-67	89	96	71778987.78
06/05/2023 1715	40	275	-64	91	96	65973650.46
06/05/2023 1730	36	276	-61	92	96	59946396
06/05/2023 1745	33	278	-58	94	95	53561194.39
06/05/2023 1800	30	280	-55	95	95	47060335.05
06/05/2023 1815	27	281	-52	97	95	40676370.22
06/05/2023 1830	24	283	-49	98	95	34462969.23
06/05/2023 1845	21	285	-46	99	95	28506291.87
06/05/2023 1900	18	286	-43	101	95	22954274.45
06/05/2023 1915	15	288	-40	102	95	17827782.8
06/05/2023 1930	11	290	-37	103	95	13102828.7
06/05/2023 1945	9	291	-34	105	95	8917725.46
06/05/2023 2000	6	293	-31	106	95	5396092.56

06/05/2023 2015	3	295	-28	107	95	2576801.21
06/05/2023 2030	0	297	-26	109	95	828751.56
06/05/2023 2045	-3	299	-23	110	95	66137.98
06/05/2023 2100	-6	301	-20	112	95	3467.98
06/05/2023 2115	-9	303	-17	113	95	162.95
06/05/2023 2130	-11	305	-14	115	95	14.05
06/05/2023 2145	-14	308	-11	116	95	2.96
06/05/2023 2200	-16	310	-9	118	95	1.4
06/05/2023 2215	-19	313	-6	119	94	1.08
06/05/2023 2230	-21	316	-3	121	94	0.57
06/05/2023 2245	-23	319	0	123	94	1.34
06/05/2023 2300	-25	322	2	125	94	2.94
06/05/2023 2315	-27	325	5	127	94	5.49
06/05/2023 2330	-29	328	7	129	94	8.56
06/05/2023 2345	-31	332	9	131	94	11.98
06/06/2023 0000	-32	335	12	133	94	15.68
06/06/2023 0015	-33	339	14	136	94	19.53
06/06/2023 0030	-34	343	16	138	94	23.39
06/06/2023 0045	-35	347	18	141	94	27.22
06/06/2023 0100	-36	351	20	144	94	30.98
06/06/2023 0115	-36	356	22	146	94	34.63
06/06/2023 0130	-36	0	23	149	94	38.1
06/06/2023 0145	-36	4	25	152	94	41.3
06/06/2023 0200	-36	9	26	156	94	44.2
06/06/2023 0215	-35	13	27	159	94	46.74
06/06/2023 0230	-34	17	28	162	94	48.91
06/06/2023 0245	-33	21	29	166	93	50.67
06/06/2023 0300	-32	25	30	170	93	52.01
06/06/2023 0315	-31	28	30	173	93	52.91
06/06/2023 0330	-29	32	31	177	93	53.37
06/06/2023 0345	-27	35	31	181	93	53.36
06/06/2023 0400	-25	38	31	184	93	52.91
06/06/2023 0415	-23	42	30	188	93	52.01
06/06/2023 0430	-21	44	30	192	93	50.68
06/06/2023 0445	-19	47	29	195	93	49.53
06/06/2023 0500	-16	50	28	199	93	47.74
06/06/2023 0515	-14	52	27	202	93	46.87
06/06/2023 0530	-11	55	26	206	93	55.61
06/06/2023 0545	-9	57	24	209	93	209.15
06/06/2023 0600	-6	59	23	212	93	3695.28
06/06/2023 0615	-3	61	21	215	93	69238.85
06/06/2023 0630	0	63	19	218	93	847921.82
06/06/2023 0645	3	65	17	220	92	2617565.49
06/06/2023 0700	6	67	15	223	92	5450729.14
06/06/2023 0715	9	69	13	225	92	8983547.29
06/06/2023 0730	12	70	11	228	92	13179243.89
06/06/2023 0745	15	72	9	230	92	17911576.1

06/06/2023 0800	18	74	6	232	92	23044666.42
06/06/2023 0815	21	75	4	234	92	28604098.62
06/06/2023 0830	24	77	2	236	92	34566417.99
06/06/2023 0845	27	79	-1	238	92	40783074.95
06/06/2023 0900	30	80	-4	240	92	47169863.28
06/06/2023 0915	33	82	-7	242	92	53671525.25
06/06/2023 0930	36	83	-9	243	92	60052404.67
06/06/2023 0945	40	85	-12	245	92	66073972.39
06/06/2023 1000	43	87	-15	247	92	71879540.48
06/06/2023 1015	46	89	-18	248	92	77811921.32
06/06/2023 1030	49	91	-20	250	91	83848031.95
06/06/2023 1045	52	93	-23	251	91	89641744.94
06/06/2023 1100	56	95	-26	253	91	95087526.04
06/06/2023 1115	59	97	-29	254	91	100189490.2
06/06/2023 1130	62	100	-32	255	91	104473731.8
06/06/2023 1145	65	103	-35	257	91	107678162.3
06/06/2023 1200	68	107	-38	258	91	110759713.7
06/06/2023 1215	71	112	-41	260	91	114288971.3
06/06/2023 1230	74	118	-44	261	91	116824698
06/06/2023 1245	77	127	-47	262	91	117936809.3
06/06/2023 1300	79	140	-50	264	91	119488782.3
06/06/2023 1315	81	157	-53	265	91	121163689
06/06/2023 1330	82	180	-56	267	91	121696240.8
06/06/2023 1345	81	203	-59	269	91	121169423.5
06/06/2023 1400	79	220	-62	271	90	119498559.3
06/06/2023 1415	77	233	-65	273	90	117942276
06/06/2023 1430	74	242	-68	275	90	116832916.8
06/06/2023 1445	71	248	-71	278	90	114306543.4
06/06/2023 1500	68	253	-74	282	90	110777844.4
06/06/2023 1515	65	257	-77	286	90	107694070.3
06/06/2023 1530	62	260	-80	293	90	104494366.5
06/06/2023 1545	59	263	-82	305	90	100217156.4
06/06/2023 1600	56	265	-85	326	90	95119021.56
06/06/2023 1615	53	267	-85	2	90	89676153.28
06/06/2023 1630	49	269	-84	36	90	83886021.05
06/06/2023 1645	46	271	-82	56	90	77851840.09
06/06/2023 1700	43	273	-80	67	90	71919709.94
06/06/2023 1715	40	275	-77	73	89	66116087.9
06/06/2023 1730	36	277	-74	78	89	60099196.44
06/06/2023 1745	33	278	-71	81	89	53722789.75
06/06/2023 1800	30	280	-68	84	89	47223462.18
06/06/2023 1815	27	281	-65	87	89	40838091.82
06/06/2023 1830	24	283	-62	89	89	34622675.98
06/06/2023 1845	21	285	-59	90	89	28660276.36
06/06/2023 1900	18	286	-56	92	89	23099554.9
06/06/2023 1915	15	288	-53	94	89	17965432.81
06/06/2023 1930	12	290	-50	95	89	13231343.26

06/06/2023 1945	9	291	-46	97	89	9031240.75
06/06/2023 2000	6	293	-43	98	89	5492859.88
06/06/2023 2015	3	295	-40	100	89	2651192.71
06/06/2023 2030	0	297	-37	101	88	864949.36
06/06/2023 2045	-3	299	-34	102	88	72202.42
06/06/2023 2100	-6	301	-31	104	88	3865.45
06/06/2023 2115	-9	303	-28	105	88	180.63
06/06/2023 2130	-11	305	-26	107	88	15.17
06/06/2023 2145	-14	308	-23	108	88	3.1
06/06/2023 2200	-16	310	-20	109	88	1.42
06/06/2023 2215	-19	313	-17	111	88	1.09
06/06/2023 2230	-21	316	-14	112	88	0.5
06/06/2023 2245	-23	319	-11	114	88	0.5
06/06/2023 2300	-25	322	-8	116	88	0.5
06/06/2023 2315	-27	325	-6	117	88	0.5
06/06/2023 2330	-29	328	-3	119	88	0.58
06/06/2023 2345	-31	332	0	121	87	1.27
06/07/2023 0000	-32	335	3	123	87	2.63
06/07/2023 0015	-33	339	5	125	87	4.65
06/07/2023 0030	-34	343	8	127	87	7.02
06/07/2023 0045	-35	347	10	129	87	9.67
06/07/2023 0100	-36	351	12	131	87	12.53
06/07/2023 0115	-36	356	15	134	87	15.48
06/07/2023 0130	-36	360	17	136	87	18.44
06/07/2023 0145	-36	4	19	139	87	21.4
06/07/2023 0200	-36	8	21	142	87	24.33
06/07/2023 0215	-35	13	23	144	87	27.17
06/07/2023 0230	-34	17	25	147	87	29.87
06/07/2023 0245	-33	21	26	151	86	32.37
06/07/2023 0300	-32	25	28	154	86	34.64
06/07/2023 0315	-31	28	29	157	86	36.65
06/07/2023 0330	-29	32	30	161	86	38.38
06/07/2023 0345	-27	35	31	164	86	39.82
06/07/2023 0400	-25	38	32	168	86	40.93
06/07/2023 0415	-23	41	33	172	86	41.71
06/07/2023 0430	-21	44	33	176	86	42.15
06/07/2023 0445	-19	47	33	180	86	42.84
06/07/2023 0500	-16	50	33	184	86	42.93
06/07/2023 0515	-14	52	33	188	86	44
06/07/2023 0530	-11	55	32	192	85	54.96
06/07/2023 0545	-9	57	32	195	85	215.55
06/07/2023 0600	-6	59	31	199	85	3811.82
06/07/2023 0615	-3	61	30	203	85	70807
06/07/2023 0630	0	63	28	206	85	856241
06/07/2023 0645	3	65	27	209	85	2632699.79
06/07/2023 0700	6	67	25	213	85	5467992.08
06/07/2023 0715	9	68	24	216	85	9001080.36

06/07/2023 0730	12	70	22	219	85	13196131.72
06/07/2023 0745	15	72	20	222	85	17926624.12
06/07/2023 0800	18	74	18	224	85	23057487.75
06/07/2023 0815	21	75	16	227	85	28614606.53
06/07/2023 0830	24	77	13	229	84	34574304.3
06/07/2023 0845	27	78	11	232	84	40788218.12
06/07/2023 0900	30	80	9	234	84	47172416.46
06/07/2023 0915	33	82	6	236	84	53671706.3
06/07/2023 0930	36	83	4	238	84	60050640.28
06/07/2023 0945	40	85	1	240	84	66070829.87
06/07/2023 1000	43	87	-2	242	84	71875310.09
06/07/2023 1015	46	89	-5	244	84	77806834.47
06/07/2023 1030	49	90	-7	246	84	83842795.95
06/07/2023 1045	52	92	-10	247	84	89637195.01
06/07/2023 1100	56	95	-13	249	84	95084222.18
06/07/2023 1115	59	97	-16	251	83	100188168.7
06/07/2023 1130	62	100	-19	252	83	104474786.4
06/07/2023 1145	65	103	-22	254	83	107681499
06/07/2023 1200	68	107	-25	255	83	110768017.1
06/07/2023 1215	71	112	-28	257	83	114303895.2
06/07/2023 1230	74	118	-31	258	83	116836913
06/07/2023 1245	77	127	-34	260	83	117951180
06/07/2023 1300	79	139	-37	262	83	119537635.9
06/07/2023 1315	81	157	-40	263	83	121233128.8
06/07/2023 1330	82	180	-43	265	83	121763800.9
06/07/2023 1345	81	203	-46	266	83	121266304.7
06/07/2023 1400	79	220	-49	268	82	119596083.6
06/07/2023 1415	77	233	-52	270	82	117983785.9
06/07/2023 1430	74	242	-55	272	82	116883341.5
06/07/2023 1445	71	248	-58	274	82	114403320.3
06/07/2023 1500	68	253	-61	277	82	110869786.9
06/07/2023 1515	65	257	-64	279	82	107768830.6
06/07/2023 1530	62	260	-67	283	82	104585282.2
06/07/2023 1545	59	263	-70	286	82	100333204.5
06/07/2023 1600	56	265	-72	291	82	95245417.5
06/07/2023 1615	53	268	-75	297	82	89808510.04
06/07/2023 1630	49	270	-78	306	81	84026515.62
06/07/2023 1645	46	271	-80	318	81	77994130.25
06/07/2023 1700	43	273	-82	336	81	72057743.13
06/07/2023 1715	40	275	-82	359	81	66255539.35
06/07/2023 1730	37	277	-82	22	81	60248650.94
06/07/2023 1745	33	278	-80	40	81	53880948.71
06/07/2023 1800	30	280	-78	52	81	47383184.64
06/07/2023 1815	27	282	-75	61	81	40996355.61
06/07/2023 1830	24	283	-72	67	81	34778909.86
06/07/2023 1845	21	285	-70	72	81	28810921.14
06/07/2023 1900	18	286	-67	76	81	23241600.35

06/07/2023 1915	15	288	-64	79	80	18099881.05
06/07/2023 1930	12	290	-61	82	80	13356897.42
06/07/2023 1945	9	292	-58	84	80	9142216.9
06/07/2023 2000	6	293	-55	86	80	5587448.42
06/07/2023 2015	3	295	-52	88	80	2724376.43
06/07/2023 2030	0	297	-48	90	80	901196.49
06/07/2023 2045	-3	299	-45	92	80	78534.85
06/07/2023 2100	-6	301	-42	94	80	4292.17
06/07/2023 2115	-9	303	-39	95	80	199.66
06/07/2023 2130	-11	305	-36	97	80	16.34
06/07/2023 2145	-14	308	-33	98	79	3.24
06/07/2023 2200	-16	310	-30	100	79	1.45
06/07/2023 2215	-19	313	-27	101	79	1.1
06/07/2023 2230	-21	316	-24	103	79	0.5
06/07/2023 2245	-23	319	-21	104	79	0.5
06/07/2023 2300	-25	322	-18	106	79	0.5
06/07/2023 2315	-27	325	-15	107	79	0.5
06/07/2023 2330	-29	328	-12	109	79	0.5
06/07/2023 2345	-31	332	-9	111	79	0.5
06/08/2023 0000	-32	335	-6	112	79	0.5
06/08/2023 0015	-33	339	-4	114	78	0.53
06/08/2023 0030	-34	343	0	116	78	0.92
06/08/2023 0045	-35	347	2	118	78	1.83
06/08/2023 0100	-36	351	5	120	78	3.31
06/08/2023 0115	-36	356	8	122	78	5.11
06/08/2023 0130	-36	360	10	124	78	7.15
06/08/2023 0145	-36	4	13	126	78	9.38
06/08/2023 0200	-36	8	15	128	78	11.7
06/08/2023 0215	-35	13	18	131	78	14.06
06/08/2023 0230	-34	17	20	133	78	16.45
06/08/2023 0245	-33	21	22	136	77	18.85
06/08/2023 0300	-32	24	24	139	77	21.19
06/08/2023 0315	-31	28	26	142	77	23.44
06/08/2023 0330	-29	32	28	145	77	25.55
06/08/2023 0345	-27	35	30	148	77	27.51
06/08/2023 0400	-25	38	32	152	77	29.28
06/08/2023 0415	-23	41	33	156	77	30.85
06/08/2023 0430	-21	44	34	159	77	32.18
06/08/2023 0445	-19	47	35	163	77	33.85
06/08/2023 0500	-16	50	36	167	76	35.01
06/08/2023 0515	-14	52	37	172	76	37.26
06/08/2023 0530	-11	54	37	176	76	49.72
06/08/2023 0545	-9	57	37	180	76	216.06
06/08/2023 0600	-6	59	37	184	76	3904.74
06/08/2023 0615	-3	61	37	189	76	72080.9
06/08/2023 0630	0	63	36	193	76	862770.08
06/08/2023 0645	3	65	36	197	76	2644140.51



06/08/2023 0700	6	67	35	201	76	5480470.18
06/08/2023 0715	9	68	34	205	76	9013037.44
06/08/2023 0730	12	70	32	209	75	13206747.22
06/08/2023 0745	15	72	31	212	75	17934995.81
06/08/2023 0800	18	73	29	216	75	23063303.27
06/08/2023 0815	21	75	27	219	75	28617728.19
06/08/2023 0830	24	77	25	222	75	34574566.89
06/08/2023 0845	27	78	23	225	75	40785673.15
06/08/2023 0900	30	80	21	228	75	47167240.72
06/08/2023 0915	33	82	19	230	75	53664250.49
06/08/2023 0930	36	83	16	233	75	60041665.13
06/08/2023 0945	40	85	14	235	74	66060964.75
06/08/2023 1000	43	87	11	238	74	71864425.51
06/08/2023 1015	46	88	9	240	74	77794863.17
06/08/2023 1030	49	90	6	242	74	83830713.97
06/08/2023 1045	52	92	3	244	74	89626140.53
06/08/2023 1100	56	94	1	246	74	95074639.17
06/08/2023 1115	59	97	-3	248	74	100180984.3
06/08/2023 1130	62	100	-5	250	74	104471148.2
06/08/2023 1145	65	103	-8	251	74	107680906.1
06/08/2023 1200	68	107	-11	253	74	110771364.9
06/08/2023 1215	71	111	-14	255	73	114313349.3
06/08/2023 1230	74	118	-17	257	73	116846056.6
06/08/2023 1245	77	126	-20	258	73	117963158.8
06/08/2023 1300	79	139	-23	260	73	119580617.9
06/08/2023 1315	81	156	-26	262	73	121294696.2
06/08/2023 1330	82	179	-29	263	73	121822874.1
06/08/2023 1345	81	203	-32	265	73	121355059.6
06/08/2023 1400	79	221	-35	267	73	119690865.6
06/08/2023 1415	77	233	-38	269	73	118025029.5
06/08/2023 1430	74	242	-41	271	72	116930476.2
06/08/2023 1445	72	248	-44	273	72	114496314.2
06/08/2023 1500	68	253	-47	275	72	110959726.8
06/08/2023 1515	65	257	-50	277	72	107841689.6
06/08/2023 1530	62	260	-53	280	72	104673344.5
06/08/2023 1545	59	263	-56	282	72	100446182.2
06/08/2023 1600	56	265	-59	286	72	95368933.68
06/08/2023 1615	53	268	-62	289	72	89937887.92
06/08/2023 1630	49	270	-65	293	72	84163941.13
06/08/2023 1645	46	272	-68	298	71	78133545.21
06/08/2023 1700	43	273	-70	304	71	72192998.26
06/08/2023 1715	40	275	-73	312	71	66391926.5
06/08/2023 1730	37	277	-75	321	71	60394670.36
06/08/2023 1745	33	278	-76	333	71	54035558.71
06/08/2023 1800	30	280	-77	347	71	47539378.79
06/08/2023 1815	27	282	-77	3	71	41151036.51
06/08/2023 1830	24	283	-77	17	71	34931538.51

06/08/2023 1845	21	285	-76	31	71	28958087.49
06/08/2023 1900	18	286	-74	41	70	23380278.54
06/08/2023 1915	15	288	-71	50	70	18230999.84
06/08/2023 1930	12	290	-69	57	70	13479354.17
06/08/2023 1945	9	292	-66	62	70	9250519.37
06/08/2023 2000	6	293	-64	67	70	5679732.88
06/08/2023 2015	3	295	-61	71	70	2796188.28
06/08/2023 2030	0	297	-58	74	70	937383.49
06/08/2023 2045	-3	299	-55	77	70	85111.31
06/08/2023 2100	-6	301	-52	79	70	4747.54
06/08/2023 2115	-8	303	-49	82	69	220.04
06/08/2023 2130	-11	306	-46	84	69	17.58
06/08/2023 2145	-14	308	-43	86	69	3.38
06/08/2023 2200	-16	310	-39	88	69	1.48
06/08/2023 2215	-19	313	-36	90	69	1.1
06/08/2023 2230	-21	316	-33	92	69	0.5
06/08/2023 2245	-23	319	-30	93	69	0.5
06/08/2023 2300	-25	322	-27	95	69	0.5
06/08/2023 2315	-27	325	-24	97	69	0.5
06/08/2023 2330	-29	328	-21	98	68	0.5
06/08/2023 2345	-30	332	-18	100	68	0.5
06/09/2023 0000	-32	335	-15	102	68	0.5
06/09/2023 0015	-33	339	-12	103	68	0.5
06/09/2023 0030	-34	343	-9	105	68	0.5
06/09/2023 0045	-35	347	-6	107	68	0.5
06/09/2023 0100	-36	351	-3	109	68	0.54
06/09/2023 0115	-36	356	1	110	68	0.94
06/09/2023 0130	-36	360	3	112	68	1.78
06/09/2023 0145	-36	4	6	114	67	3
06/09/2023 0200	-36	8	9	116	67	4.44
06/09/2023 0215	-35	13	12	118	67	6.07
06/09/2023 0230	-34	17	14	120	67	7.82
06/09/2023 0245	-33	21	17	123	67	9.64
06/09/2023 0300	-32	24	20	125	67	11.52
06/09/2023 0315	-30	28	22	128	67	13.43
06/09/2023 0330	-29	32	25	130	67	15.35
06/09/2023 0345	-27	35	27	133	66	17.21
06/09/2023 0400	-25	38	29	136	66	19.01
06/09/2023 0415	-23	41	31	140	66	20.71
06/09/2023 0430	-21	44	33	143	66	22.29
06/09/2023 0445	-19	47	35	147	66	24.31
06/09/2023 0500	-16	49	37	150	66	25.89
06/09/2023 0515	-14	52	39	154	66	28.65
06/09/2023 0530	-11	54	40	159	66	41.91
06/09/2023 0545	-9	57	41	163	66	212.54
06/09/2023 0600	-6	59	42	168	65	3974.43
06/09/2023 0615	-3	61	42	172	65	73049.45

06/09/2023 0630	0	63	43	177	65	867491.11
06/09/2023 0645	3	65	43	182	65	2651894.14
06/09/2023 0700	6	66	43	187	65	5488194.21
06/09/2023 0715	9	68	42	191	65	9019462.69
06/09/2023 0730	12	70	42	196	65	13211149.92
06/09/2023 0745	15	72	41	201	65	17936763.08
06/09/2023 0800	18	73	39	205	65	23062195.37
06/09/2023 0815	21	75	38	209	64	28613558.08
06/09/2023 0830	24	77	37	213	64	34567310.77
06/09/2023 0845	27	78	35	217	64	40775552.65
06/09/2023 0900	30	80	33	220	64	47154455.43
06/09/2023 0915	33	81	31	224	64	53649281.2
06/09/2023 0930	36	83	29	227	64	60025600.36
06/09/2023 0945	40	85	26	230	64	66044497.17
06/09/2023 1000	43	86	24	233	64	71847016.68
06/09/2023 1015	46	88	21	236	63	77776152.34
06/09/2023 1030	49	90	19	238	63	83811937.1
06/09/2023 1045	52	92	16	241	63	89608732.86
06/09/2023 1100	56	94	14	243	63	95058930.36
06/09/2023 1115	59	97	11	245	63	100168081.9
06/09/2023 1130	62	99	8	247	63	104462934.2
06/09/2023 1145	65	103	5	249	63	107676485.3
06/09/2023 1200	68	106	2	251	63	110769880
06/09/2023 1215	71	111	0	253	63	114317480.8
06/09/2023 1230	74	117	-4	255	62	116852249.4
06/09/2023 1245	77	126	-7	257	62	117972725.3
06/09/2023 1300	79	138	-10	259	62	119617632.9
06/09/2023 1315	81	156	-13	261	62	121348706.2
06/09/2023 1330	82	179	-16	263	62	121874105.2
06/09/2023 1345	81	202	-19	264	62	121435836.6
06/09/2023 1400	80	221	-22	266	62	119782477.6
06/09/2023 1415	77	233	-25	268	62	118065933.9
06/09/2023 1430	75	242	-28	270	62	116974518.1
06/09/2023 1445	72	248	-31	272	61	114585530.7
06/09/2023 1500	69	253	-34	274	61	111047582
06/09/2023 1515	65	257	-37	276	61	107912644.8
06/09/2023 1530	62	260	-40	278	61	104758572.1
06/09/2023 1545	59	263	-43	281	61	100556056.3
06/09/2023 1600	56	266	-46	283	61	95489510.99
06/09/2023 1615	53	268	-49	286	61	90064224.96
06/09/2023 1630	50	270	-52	289	61	84298216.41
06/09/2023 1645	46	272	-55	293	60	78269982.99
06/09/2023 1700	43	273	-57	296	60	72325377.26
06/09/2023 1715	40	275	-60	301	60	66525162.7
06/09/2023 1730	37	277	-63	306	60	60537158.17
06/09/2023 1745	34	278	-65	312	60	54186499.91
06/09/2023 1800	30	280	-67	318	60	47691913.34

06/09/2023 1815	27	282	-69	326	60	41302002.18
06/09/2023 1830	24	283	-70	335	60	35080423.23
06/09/2023 1845	21	285	-71	346	60	29101630.59
06/09/2023 1900	18	287	-72	356	59	23515451.37
06/09/2023 1915	15	288	-71	7	59	18358656.85
06/09/2023 1930	12	290	-71	18	59	13598573.02
06/09/2023 1945	9	292	-69	27	59	9356009.89
06/09/2023 2000	6	293	-68	36	59	5769585.82
06/09/2023 2015	3	295	-66	43	59	2866465.56
06/09/2023 2030	0	297	-64	49	59	973391.78
06/09/2023 2045	-3	299	-61	55	59	91903.29
06/09/2023 2100	-6	301	-58	59	58	5230.44
06/09/2023 2115	-8	303	-56	63	58	241.74
06/09/2023 2130	-11	306	-53	67	58	18.88
06/09/2023 2145	-14	308	-50	70	58	3.53
06/09/2023 2200	-16	310	-47	73	58	1.5
06/09/2023 2215	-18	313	-44	76	58	1.11
06/09/2023 2230	-21	316	-41	78	58	0.5
06/09/2023 2245	-23	319	-38	80	58	0.5
06/09/2023 2300	-25	322	-35	83	57	0.5
06/09/2023 2315	-27	325	-32	85	57	0.5
06/09/2023 2330	-29	328	-29	86	57	0.5
06/09/2023 2345	-30	332	-26	88	57	0.5
06/10/2023 0000	-32	335	-23	90	57	0.5
06/10/2023 0015	-33	339	-19	92	57	0.5
06/10/2023 0030	-34	343	-16	94	57	0.5
06/10/2023 0045	-35	347	-13	95	57	0.5
06/10/2023 0100	-35	351	-10	97	57	0.5
06/10/2023 0115	-36	356	-7	99	56	0.5
06/10/2023 0130	-36	360	-4	101	56	0.51
06/10/2023 0145	-36	4	-1	103	56	0.63
06/10/2023 0200	-35	8	2	104	56	1.17
06/10/2023 0215	-35	12	5	106	56	1.98
06/10/2023 0230	-34	17	8	108	56	2.97
06/10/2023 0245	-33	20	11	110	56	4.12
06/10/2023 0300	-32	24	14	112	56	5.39
06/10/2023 0315	-30	28	17	115	55	6.72
06/10/2023 0330	-29	32	20	117	55	8.1
06/10/2023 0345	-27	35	23	119	55	9.54
06/10/2023 0400	-25	38	25	122	55	10.99
06/10/2023 0415	-23	41	28	124	55	12.42
06/10/2023 0430	-21	44	31	127	55	13.81
06/10/2023 0445	-19	47	33	130	55	15.74
06/10/2023 0500	-16	49	36	134	55	17.34
06/10/2023 0515	-14	52	38	137	55	20.2
06/10/2023 0530	-11	54	40	141	54	33.77
06/10/2023 0545	-9	56	42	145	54	207.41

06/10/2023 0600	-6	59	44	149	54	4022.49
06/10/2023 0615	-3	61	45	154	54	73706.66
06/10/2023 0630	0	63	47	159	54	870398.63
06/10/2023 0645	3	65	48	164	54	2655980.67
06/10/2023 0700	6	66	48	169	54	5491206.48
06/10/2023 0715	9	68	49	175	54	9020412.74
06/10/2023 0730	12	70	49	180	53	13209411.64
06/10/2023 0745	15	72	49	186	53	17932009.54
06/10/2023 0800	18	73	49	191	53	23054258.54
06/10/2023 0815	21	75	48	196	53	28602202.92
06/10/2023 0830	24	77	47	202	53	34552652.72
06/10/2023 0845	27	78	46	207	53	40757981.28
06/10/2023 0900	30	80	44	211	53	47134193.12
06/10/2023 0915	33	81	43	216	53	53626934.77
06/10/2023 0930	36	83	41	220	53	60002578.81
06/10/2023 0945	40	85	39	224	52	66021557.86
06/10/2023 1000	43	86	37	227	52	71823222.34
06/10/2023 1015	46	88	34	231	52	77750850.66
06/10/2023 1030	49	90	32	234	52	83786614.17
06/10/2023 1045	52	92	29	237	52	89585117.01
06/10/2023 1100	56	94	27	240	52	95037241.74
06/10/2023 1115	59	97	24	243	52	100149597.7
06/10/2023 1130	62	99	21	245	52	104450253.7
06/10/2023 1145	65	102	18	247	51	107668338.5
06/10/2023 1200	68	106	15	250	51	110763693.5
06/10/2023 1215	71	111	13	252	51	114316434.1
06/10/2023 1230	74	117	10	254	51	116855598.1
06/10/2023 1245	77	126	7	256	51	117979876.3
06/10/2023 1300	79	138	4	258	51	119648629
06/10/2023 1315	81	155	1	260	51	121395492.5
06/10/2023 1330	82	179	-2	262	51	121918160
06/10/2023 1345	81	202	-6	264	50	121508862.6
06/10/2023 1400	80	221	-9	266	50	119870527.1
06/10/2023 1415	77	233	-12	268	50	118106399.3
06/10/2023 1430	75	242	-15	270	50	117015650.4
06/10/2023 1445	72	249	-18	272	50	114670975.6
06/10/2023 1500	69	253	-21	274	50	111133263.3
06/10/2023 1515	66	257	-24	276	50	107981684.1
06/10/2023 1530	62	260	-27	278	50	104840975.8
06/10/2023 1545	59	263	-30	280	50	100662786.9
06/10/2023 1600	56	266	-33	282	49	95607081.24
06/10/2023 1615	53	268	-36	285	49	90187449.91
06/10/2023 1630	50	270	-39	287	49	84429251.75
06/10/2023 1645	46	272	-42	290	49	78403332.94
06/10/2023 1700	43	274	-44	293	49	72454773
06/10/2023 1715	40	275	-47	296	49	66655152.94
06/10/2023 1730	37	277	-50	300	49	60676010.48

06/10/2023 1745	34	279	-52	304	49	54333645.25
06/10/2023 1800	30	280	-55	308	48	47840649.48
06/10/2023 1815	27	282	-57	313	48	41449113.13
06/10/2023 1830	24	283	-59	318	48	35225419
06/10/2023 1845	21	285	-61	325	48	29241399.8
06/10/2023 1900	18	287	-63	331	48	23646975.11
06/10/2023 1915	15	288	-64	339	48	18482715.27
06/10/2023 1930	12	290	-65	347	48	13714410.19
06/10/2023 1945	9	292	-65	355	48	9458546.85
06/10/2023 2000	6	293	-65	4	48	5856877.85
06/10/2023 2015	3	295	-65	12	47	2935047.2
06/10/2023 2030	1	297	-64	20	47	1009095.29
06/10/2023 2045	-3	299	-63	27	47	98877.78
06/10/2023 2100	-6	301	-61	34	47	5739.22
06/10/2023 2115	-8	303	-59	40	47	264.7
06/10/2023 2130	-11	306	-57	45	47	20.23
06/10/2023 2145	-13	308	-55	50	47	3.68
06/10/2023 2200	-16	310	-52	54	47	1.53
06/10/2023 2215	-18	313	-49	58	46	1.12
06/10/2023 2230	-21	316	-47	62	46	0.5
06/10/2023 2245	-23	319	-44	65	46	0.5
06/10/2023 2300	-25	322	-41	68	46	0.5
06/10/2023 2315	-27	325	-38	71	46	0.5
06/10/2023 2330	-29	328	-35	73	46	0.5
06/10/2023 2345	-30	332	-32	75	46	0.5
06/11/2023 0000	-32	335	-29	78	46	0.5
06/11/2023 0015	-33	339	-26	80	46	0.5
06/11/2023 0030	-34	343	-23	82	45	0.5
06/11/2023 0045	-35	347	-20	84	45	0.5
06/11/2023 0100	-35	351	-17	86	45	0.5
06/11/2023 0115	-36	355	-14	88	45	0.5
06/11/2023 0130	-36	360	-11	89	45	0.5
06/11/2023 0145	-36	4	-7	91	45	0.5
06/11/2023 0200	-35	8	-4	93	45	0.5
06/11/2023 0215	-35	12	-1	95	45	0.57
06/11/2023 0230	-34	16	2	97	44	0.89
06/11/2023 0245	-33	20	5	98	44	1.42
06/11/2023 0300	-32	24	8	100	44	2.07
06/11/2023 0315	-30	28	11	102	44	2.84
06/11/2023 0330	-29	31	14	104	44	3.69
06/11/2023 0345	-27	35	17	106	44	4.59
06/11/2023 0400	-25	38	20	108	44	5.54
06/11/2023 0415	-23	41	23	111	44	6.53
06/11/2023 0430	-21	44	26	113	44	7.53
06/11/2023 0445	-19	47	29	116	43	9.12
06/11/2023 0500	-16	49	32	118	43	10.45
06/11/2023 0515	-14	52	35	121	43	13.15



06/11/2023 0530	-11	54	38	124	43	26.75
06/11/2023 0545	-9	56	40	128	43	202.21
06/11/2023 0600	-6	59	43	131	43	4049.9
06/11/2023 0615	-3	61	45	135	43	74049.38
06/11/2023 0630	0	63	47	139	43	871496.99
06/11/2023 0645	3	64	49	144	43	2656430.55
06/11/2023 0700	6	66	51	149	42	5489557.71
06/11/2023 0715	9	68	53	154	42	9015953.74
06/11/2023 0730	12	70	54	160	42	13201613.88
06/11/2023 0745	15	72	55	166	42	17920828.66
06/11/2023 0800	18	73	55	173	42	23039598.49
06/11/2023 0815	21	75	56	179	42	28583781.72
06/11/2023 0830	24	76	56	186	42	34530722.01
06/11/2023 0845	27	78	55	192	42	40733096.36
06/11/2023 0900	30	80	55	198	41	47106599.11
06/11/2023 0915	33	81	53	204	41	53597359.23
06/11/2023 0930	36	83	52	210	41	59972743.29
06/11/2023 0945	40	84	50	215	41	65992287.39
06/11/2023 1000	43	86	49	220	41	71793192.57
06/11/2023 1015	46	88	47	225	41	77719118.86
06/11/2023 1030	49	90	44	229	41	83754904.92
06/11/2023 1045	52	92	42	233	41	89555447.94
06/11/2023 1100	56	94	39	236	41	95009727.73
06/11/2023 1115	59	96	37	239	40	100125671.5
06/11/2023 1130	62	99	34	242	40	104433212.3
06/11/2023 1145	65	102	31	245	40	107656564.9
06/11/2023 1200	68	106	28	248	40	110752936.8
06/11/2023 1215	71	111	26	250	40	114310342.9
06/11/2023 1230	74	117	23	253	40	116856189.3
06/11/2023 1245	77	125	20	255	40	117984622.5
06/11/2023 1300	79	137	17	257	40	119673592.6
06/11/2023 1315	81	155	14	259	40	121435393.7
06/11/2023 1330	82	178	11	262	39	121955706.8
06/11/2023 1345	81	202	8	264	39	121574429.2
06/11/2023 1400	80	221	5	265	39	119954658.9
06/11/2023 1415	77	234	2	267	39	118146302.8
06/11/2023 1430	75	242	-2	269	39	117054042.3
06/11/2023 1445	72	249	-5	271	39	114752654.9
06/11/2023 1500	69	254	-8	273	39	111216675
06/11/2023 1515	66	257	-11	275	39	108048785
06/11/2023 1530	62	261	-14	277	39	104920559.3
06/11/2023 1545	59	263	-17	279	38	100766326.5
06/11/2023 1600	56	266	-20	281	38	95721567.06
06/11/2023 1615	53	268	-23	284	38	90307482.08
06/11/2023 1630	50	270	-26	286	38	84556948.65
06/11/2023 1645	46	272	-29	288	38	78533475.49
06/11/2023 1700	43	274	-32	291	38	72581069.23



06/11/2023 1715	40	275	-35	293	38	66781793.68
06/11/2023 1730	37	277	-37	296	38	60811115.85
06/11/2023 1745	34	279	-40	299	37	54476860.3
06/11/2023 1800	31	280	-43	303	37	47985440.75
06/11/2023 1815	27	282	-45	306	37	41592222.64
06/11/2023 1830	24	283	-47	310	37	35366374.51
06/11/2023 1845	21	285	-50	314	37	29377238.59
06/11/2023 1900	18	287	-52	319	37	23774700.44
06/11/2023 1915	15	288	-54	324	37	18603033.83
06/11/2023 1930	12	290	-55	330	37	13826718.72
06/11/2023 1945	9	292	-57	336	37	9557985.44
06/11/2023 2000	6	293	-58	342	36	5941477.69
06/11/2023 2015	3	295	-58	348	36	3001773.85
06/11/2023 2030	1	297	-59	355	36	1044361.94
06/11/2023 2045	-3	299	-59	2	36	105997.44
06/11/2023 2100	-5	301	-58	9	36	6271.62
06/11/2023 2115	-8	303	-58	16	36	288.82
06/11/2023 2130	-11	306	-57	22	36	21.62
06/11/2023 2145	-13	308	-55	28	36	3.84
06/11/2023 2200	-16	310	-54	33	36	1.56
06/11/2023 2215	-18	313	-52	38	35	1.13
06/11/2023 2230	-21	316	-50	43	35	0.5
06/11/2023 2245	-23	319	-47	47	35	0.5
06/11/2023 2300	-25	322	-45	51	35	0.5
06/11/2023 2315	-27	325	-43	55	35	0.5
06/11/2023 2330	-29	328	-40	58	35	0.5
06/11/2023 2345	-30	332	-37	61	35	0.5
06/12/2023 0000	-32	335	-34	64	35	0.5
06/12/2023 0015	-33	339	-32	66	35	0.5
06/12/2023 0030	-34	343	-29	69	34	0.5
06/12/2023 0045	-35	347	-26	71	34	0.5
06/12/2023 0100	-35	351	-23	74	34	0.5
06/12/2023 0115	-36	355	-20	76	34	0.5
06/12/2023 0130	-36	360	-17	78	34	0.5
06/12/2023 0145	-36	4	-14	80	34	0.5
06/12/2023 0200	-35	8	-11	82	34	0.5
06/12/2023 0215	-35	12	-7	83	34	0.5
06/12/2023 0230	-34	16	-4	85	34	0.5
06/12/2023 0245	-33	20	-1	87	34	0.54
06/12/2023 0300	-32	24	2	89	33	0.74
06/12/2023 0315	-30	28	5	91	33	1.05
06/12/2023 0330	-29	31	8	93	33	1.45
06/12/2023 0345	-27	35	12	94	33	1.91
06/12/2023 0400	-25	38	15	96	33	2.43
06/12/2023 0415	-23	41	18	98	33	2.98
06/12/2023 0430	-21	44	21	100	33	3.56
06/12/2023 0445	-19	47	24	102	33	4.76

06/12/2023 0500	-16	49	27	105	33	5.74
06/12/2023 0515	-14	52	30	107	32	8.13
06/12/2023 0530	-11	54	33	109	32	21.55
06/12/2023 0545	-9	56	36	112	32	197.82
06/12/2023 0600	-6	58	39	115	32	4057.41
06/12/2023 0615	-3	61	42	118	32	74077.97
06/12/2023 0630	0	62	45	121	32	870801.27
06/12/2023 0645	3	64	47	125	32	2653285.84
06/12/2023 0700	6	66	50	128	32	5483308.44
06/12/2023 0715	9	68	52	133	32	9006162.56
06/12/2023 0730	12	70	55	138	31	13187848.66
06/12/2023 0745	15	71	57	143	31	17903323.86
06/12/2023 0800	18	73	59	149	31	23018331.23
06/12/2023 0815	21	75	60	156	31	28558423.85
06/12/2023 0830	24	76	61	163	31	34501657.57
06/12/2023 0845	27	78	62	170	31	40701044.57
06/12/2023 0900	30	80	62	178	31	47071828.24
06/12/2023 0915	33	81	62	186	31	53560711.62
06/12/2023 0930	36	83	62	194	31	59936244.8
06/12/2023 0945	40	84	61	202	31	65956835.04
06/12/2023 1000	43	86	60	209	30	71757087.76
06/12/2023 1015	46	88	58	215	30	77681128.48
06/12/2023 1030	49	90	56	221	30	83716978.46
06/12/2023 1045	52	92	54	226	30	89519888.84
06/12/2023 1100	56	94	52	231	30	94976550.76
06/12/2023 1115	59	96	49	235	30	100096448.4
06/12/2023 1130	62	99	47	239	30	104411919
06/12/2023 1145	65	102	44	242	30	107641270
06/12/2023 1200	68	106	41	246	30	110737752.5
06/12/2023 1215	71	110	38	249	29	114299340.5
06/12/2023 1230	74	116	36	251	29	116854096.8
06/12/2023 1245	77	125	33	254	29	117986989.3
06/12/2023 1300	79	137	30	256	29	119692541.4
06/12/2023 1315	81	155	27	259	29	121468734.6
06/12/2023 1330	82	178	23	261	29	121987391.6
06/12/2023 1345	82	202	20	263	29	121632873.1
06/12/2023 1400	80	221	17	265	29	120034554.2
06/12/2023 1415	77	234	14	267	29	118185501.2
06/12/2023 1430	75	242	11	269	29	117089849.2
06/12/2023 1445	72	249	8	271	28	114830574.1
06/12/2023 1500	69	254	5	273	28	111297714.6
06/12/2023 1515	66	257	2	275	28	108113915.3
06/12/2023 1530	63	261	-1	277	28	104997318.7
06/12/2023 1545	59	263	-4	279	28	100866620.2
06/12/2023 1600	56	266	-7	281	28	95832881.6
06/12/2023 1615	53	268	-10	283	28	90424230.95
06/12/2023 1630	50	270	-13	285	28	84681199.47

06/12/2023 1645	47	272	-16	287	28	78660281.85
06/12/2023 1700	43	274	-19	289	28	72704140.17
06/12/2023 1715	40	275	-22	291	27	66904972.54
06/12/2023 1730	37	277	-25	294	27	60942355.02
06/12/2023 1745	34	279	-28	296	27	54616003.01
06/12/2023 1800	31	280	-30	299	27	48126132.81
06/12/2023 1815	27	282	-33	302	27	41731176.46
06/12/2023 1830	24	283	-35	305	27	35503131.87
06/12/2023 1845	21	285	-38	308	27	29508984.4
06/12/2023 1900	18	287	-40	312	27	23898472.32
06/12/2023 1915	15	288	-42	316	27	18719466.64
06/12/2023 1930	12	290	-44	320	26	13935348.39
06/12/2023 1945	9	292	-46	324	26	9654177.71
06/12/2023 2000	6	294	-48	329	26	6023252.05
06/12/2023 2015	3	295	-49	334	26	3066487.89
06/12/2023 2030	1	297	-50	339	26	1079054.85
06/12/2023 2045	-3	299	-51	344	26	113220.81
06/12/2023 2100	-5	301	-52	350	26	6824.77
06/12/2023 2115	-8	303	-52	356	26	314
06/12/2023 2130	-11	306	-52	1	26	23.06
06/12/2023 2145	-13	308	-52	7	26	3.99
06/12/2023 2200	-16	310	-51	13	25	1.59
06/12/2023 2215	-18	313	-50	18	25	1.13
06/12/2023 2230	-21	316	-49	24	25	0.5
06/12/2023 2245	-23	319	-48	29	25	0.5
06/12/2023 2300	-25	322	-46	33	25	0.5
06/12/2023 2315	-27	325	-44	38	25	0.5
06/12/2023 2330	-28	328	-42	42	25	0.5
06/12/2023 2345	-30	332	-40	45	25	0.5
06/13/2023 0000	-31	335	-38	49	25	0.5
06/13/2023 0015	-33	339	-36	52	25	0.5
06/13/2023 0030	-34	343	-33	55	25	0.5
06/13/2023 0045	-35	347	-30	58	24	0.5
06/13/2023 0100	-35	351	-28	61	24	0.5
06/13/2023 0115	-36	355	-25	63	24	0.5
06/13/2023 0130	-36	360	-22	66	24	0.5
06/13/2023 0145	-36	4	-19	68	24	0.5
06/13/2023 0200	-35	8	-16	70	24	0.5
06/13/2023 0215	-35	12	-13	72	24	0.5
06/13/2023 0230	-34	16	-10	74	24	0.5
06/13/2023 0245	-33	20	-7	76	24	0.5
06/13/2023 0300	-32	24	-4	78	24	0.5
06/13/2023 0315	-30	28	-1	80	23	0.52
06/13/2023 0330	-29	31	2	82	23	0.63
06/13/2023 0345	-27	35	5	83	23	0.79
06/13/2023 0400	-25	38	8	85	23	1
06/13/2023 0415	-23	41	11	87	23	1.24

06/13/2023 0430	-21	44	15	89	23	1.51
06/13/2023 0445	-19	47	18	90	23	2.4
06/13/2023 0500	-16	49	21	92	23	3.06
06/13/2023 0515	-14	52	24	94	23	5.16
06/13/2023 0530	-11	54	27	96	23	18.34
06/13/2023 0545	-9	56	30	98	22	194.43
06/13/2023 0600	-6	58	33	100	22	4045.33
06/13/2023 0615	-3	60	37	103	22	73796.02
06/13/2023 0630	0	62	40	105	22	868336.83
06/13/2023 0645	3	64	43	108	22	2646599.86
06/13/2023 0700	6	66	46	110	22	5472528.84
06/13/2023 0715	9	68	49	114	22	8991126.67
06/13/2023 0730	12	70	52	117	22	13168218.64
06/13/2023 0745	15	71	54	121	22	17879608.91
06/13/2023 0800	18	73	57	125	22	22990583.84
06/13/2023 0815	21	75	60	130	22	28526270.32
06/13/2023 0830	24	76	62	136	21	34465609.69
06/13/2023 0845	27	78	64	142	21	40661983.71
06/13/2023 0900	30	79	66	150	21	47030046.22
06/13/2023 0915	33	81	67	158	21	53517158.69
06/13/2023 0930	36	83	68	167	21	59893242.19
06/13/2023 0945	40	84	69	177	21	65915357.11
06/13/2023 1000	43	86	69	187	21	71715075.86
06/13/2023 1015	46	88	68	197	21	77637058.57
06/13/2023 1030	49	90	67	206	21	83673010.3
06/13/2023 1045	52	92	66	214	21	89478608.69
06/13/2023 1100	56	94	64	222	21	94937879.27
06/13/2023 1115	59	96	61	228	20	100062078.4
06/13/2023 1130	62	99	59	233	20	104386484
06/13/2023 1145	65	102	57	238	20	107622563.3
06/13/2023 1200	68	106	54	242	20	110718291.6
06/13/2023 1215	71	110	51	246	20	114283559.7
06/13/2023 1230	74	116	48	249	20	116849384.5
06/13/2023 1245	77	124	45	253	20	117987021.2
06/13/2023 1300	80	136	42	255	20	119705526.5
06/13/2023 1315	81	154	39	258	20	121495822.6
06/13/2023 1330	82	178	36	260	20	122013827.9
06/13/2023 1345	82	202	33	263	20	121684563.2
06/13/2023 1400	80	221	30	265	19	120109927.7
06/13/2023 1415	78	234	27	267	19	118223831.1
06/13/2023 1430	75	242	24	269	19	117123209.3
06/13/2023 1445	72	249	21	271	19	114904735.7
06/13/2023 1500	69	254	18	273	19	111376271.9
06/13/2023 1515	66	258	15	274	19	108177032.4
06/13/2023 1530	63	261	11	276	19	105071242.5
06/13/2023 1545	59	263	8	278	19	100963605.7
06/13/2023 1600	56	266	5	280	19	95940928.46

06/13/2023 1615	53	268	3	282	19	90537595.96
06/13/2023 1630	50	270	-1	284	19	84801887.05
06/13/2023 1645	47	272	-4	286	19	78783613.61
06/13/2023 1700	43	274	-7	288	18	72823850.23
06/13/2023 1715	40	275	-10	290	18	67024567.91
06/13/2023 1730	37	277	-12	292	18	61069600.41
06/13/2023 1745	34	279	-15	294	18	54750923.28
06/13/2023 1800	31	280	-18	296	18	48262563.06
06/13/2023 1815	28	282	-21	299	18	41865812.48
06/13/2023 1830	24	283	-23	301	18	35635526.25
06/13/2023 1845	21	285	-26	304	18	29636468.34
06/13/2023 1900	18	287	-28	307	18	24018129.71
06/13/2023 1915	15	288	-31	310	18	18831862.92
06/13/2023 1930	12	290	-33	313	18	14040145.44
06/13/2023 1945	9	292	-35	316	17	9746972.43
06/13/2023 2000	6	294	-37	320	17	6102065.5
06/13/2023 2015	3	295	-39	324	17	3129033.21
06/13/2023 2030	1	297	-41	328	17	1113033.47
06/13/2023 2045	-3	299	-42	332	17	120502.48
06/13/2023 2100	-5	301	-44	336	17	7395.16
06/13/2023 2115	-8	303	-45	341	17	340.08
06/13/2023 2130	-11	306	-45	346	17	24.52
06/13/2023 2145	-13	308	-46	351	17	4.15
06/13/2023 2200	-16	310	-46	356	17	1.61
06/13/2023 2215	-18	313	-46	1	17	1.14
06/13/2023 2230	-20	316	-46	6	17	0.5
06/13/2023 2245	-23	319	-46	11	16	0.5
06/13/2023 2300	-25	322	-45	16	16	0.5
06/13/2023 2315	-27	325	-44	20	16	0.5
06/13/2023 2330	-28	328	-43	25	16	0.5
06/13/2023 2345	-30	332	-41	29	16	0.5
06/14/2023 0000	-31	335	-39	33	16	0.5
06/14/2023 0015	-33	339	-38	37	16	0.5
06/14/2023 0030	-34	343	-36	41	16	0.5
06/14/2023 0045	-35	347	-34	44	16	0.5
06/14/2023 0100	-35	351	-31	47	16	0.5
06/14/2023 0115	-36	355	-29	50	16	0.5
06/14/2023 0130	-36	360	-27	53	16	0.5
06/14/2023 0145	-36	4	-24	56	15	0.5
06/14/2023 0200	-35	8	-21	58	15	0.5
06/14/2023 0215	-35	12	-19	60	15	0.5
06/14/2023 0230	-34	16	-16	63	15	0.5
06/14/2023 0245	-33	20	-13	65	15	0.5
06/14/2023 0300	-32	24	-10	67	15	0.5
06/14/2023 0315	-30	28	-7	69	15	0.5
06/14/2023 0330	-29	31	-4	71	15	0.5
06/14/2023 0345	-27	35	-1	73	15	0.51

06/14/2023 0400	-25	38	2	75	15	0.55
06/14/2023 0415	-23	41	5	76	15	0.62
06/14/2023 0430	-21	44	8	78	15	0.7
06/14/2023 0445	-19	46	11	80	15	1.41
06/14/2023 0500	-16	49	14	81	14	1.88
06/14/2023 0515	-14	52	17	83	14	3.78
06/14/2023 0530	-11	54	20	85	14	16.73
06/14/2023 0545	-9	56	23	87	14	191.79
06/14/2023 0600	-6	58	27	88	14	4013.81
06/14/2023 0615	-3	60	30	90	14	73210.23
06/14/2023 0630	0	62	33	92	14	864138.78
06/14/2023 0645	3	64	36	94	14	2636436.64
06/14/2023 0700	6	66	39	96	14	5457298.21
06/14/2023 0715	9	68	42	98	14	8970943.57
06/14/2023 0730	12	70	45	100	14	13142836.49
06/14/2023 0745	15	71	49	103	14	17849807.28
06/14/2023 0800	18	73	52	106	14	22956493.55
06/14/2023 0815	21	75	55	109	13	28487472.58
06/14/2023 0830	24	76	58	112	13	34422738.67
06/14/2023 0845	27	78	61	116	13	40616081.28
06/14/2023 0900	30	79	63	121	13	46981428.47
06/14/2023 0915	33	81	66	126	13	53466876.08
06/14/2023 0930	36	83	69	133	13	59843901.84
06/14/2023 0945	40	84	71	141	13	65868017.13
06/14/2023 1000	43	86	73	150	13	71667332.86
06/14/2023 1015	46	88	74	162	13	77587096.4
06/14/2023 1030	49	90	75	174	13	83623182.7
06/14/2023 1045	52	91	75	188	13	89431781.84
06/14/2023 1100	56	94	74	201	13	94893886.29
06/14/2023 1115	59	96	73	212	13	100022713.6
06/14/2023 1130	62	99	71	222	13	104357017.3
06/14/2023 1145	65	102	68	230	12	107600555.9
06/14/2023 1200	68	105	66	236	12	110694711.1
06/14/2023 1215	71	110	63	242	12	114263131.6
06/14/2023 1230	74	116	61	246	12	116842105.9
06/14/2023 1245	77	124	58	250	12	117984778.4
06/14/2023 1300	80	136	55	253	12	119712626.7
06/14/2023 1315	81	154	52	257	12	121516937.6
06/14/2023 1330	82	177	49	259	12	122035583.8
06/14/2023 1345	82	202	46	262	12	121729887.1
06/14/2023 1400	80	221	42	264	12	120180529.9
06/14/2023 1415	78	234	39	266	12	118261115.8
06/14/2023 1430	75	243	36	268	12	117154247.7
06/14/2023 1445	72	249	33	270	12	114975140.2
06/14/2023 1500	69	254	30	272	12	111452229
06/14/2023 1515	66	258	27	274	11	108238082.4
06/14/2023 1530	63	261	24	276	11	105142309.9

06/14/2023 1545	59	264	21	278	11	101057211.6
06/14/2023 1600	56	266	18	279	11	96045600.83
06/14/2023 1615	53	268	15	281	11	90647466.07
06/14/2023 1630	50	270	12	283	11	84918884.6
06/14/2023 1645	47	272	9	285	11	78903322.72
06/14/2023 1700	43	274	6	286	11	72940053.89
06/14/2023 1715	40	275	3	288	11	67140448.84
06/14/2023 1730	37	277	0	290	11	61192716.04
06/14/2023 1745	34	279	-3	292	11	54881462.77
06/14/2023 1800	31	280	-6	294	11	48394560.49
06/14/2023 1815	28	282	-9	296	11	41995960.52
06/14/2023 1830	24	284	-11	298	11	35763385.68
06/14/2023 1845	21	285	-14	300	10	29759515
06/14/2023 1900	18	287	-17	303	10	24133505.46
06/14/2023 1915	15	288	-19	305	10	18940066.83
06/14/2023 1930	12	290	-22	308	10	14140952.45
06/14/2023 1945	9	292	-24	311	10	9836215.11
06/14/2023 2000	6	294	-26	313	10	6177780.31
06/14/2023 2015	3	295	-28	316	10	3189255.14
06/14/2023 2030	1	297	-31	320	10	1146154.56
06/14/2023 2045	-2	299	-32	323	10	127793.49
06/14/2023 2100	-5	301	-34	326	10	7978.67
06/14/2023 2115	-8	303	-36	330	10	366.87
06/14/2023 2130	-11	306	-37	334	10	26.01
06/14/2023 2145	-13	308	-38	338	10	4.3
06/14/2023 2200	-16	310	-39	342	10	1.64
06/14/2023 2215	-18	313	-40	346	10	1.15
06/14/2023 2230	-20	316	-41	351	9	0.5
06/14/2023 2245	-23	319	-41	355	9	0.5
06/14/2023 2300	-25	322	-41	360	9	0.5
06/14/2023 2315	-27	325	-41	4	9	0.5
06/14/2023 2330	-28	328	-41	9	9	0.5
06/14/2023 2345	-30	332	-40	13	9	0.5
06/15/2023 0000	-31	335	-39	17	9	0.5
06/15/2023 0015	-33	339	-38	22	9	0.5
06/15/2023 0030	-34	343	-37	26	9	0.5
06/15/2023 0045	-34	347	-35	29	9	0.5
06/15/2023 0100	-35	351	-34	33	9	0.5
06/15/2023 0115	-35	355	-32	36	9	0.5
06/15/2023 0130	-36	360	-30	40	9	0.5
06/15/2023 0145	-36	4	-28	43	9	0.5
06/15/2023 0200	-35	8	-26	46	9	0.5
06/15/2023 0215	-35	12	-23	48	9	0.5
06/15/2023 0230	-34	16	-21	51	8	0.5
06/15/2023 0245	-33	20	-18	53	8	0.5
06/15/2023 0300	-32	24	-16	56	8	0.5
06/15/2023 0315	-30	28	-13	58	8	0.5



06/15/2023 0330	-29	31	-11	60	8	0.5
06/15/2023 0345	-27	34	-8	62	8	0.5
06/15/2023 0400	-25	38	-5	64	8	0.5
06/15/2023 0415	-23	41	-2	66	8	0.5
06/15/2023 0430	-21	44	1	68	8	0.51
06/15/2023 0445	-19	46	4	70	8	1.13
06/15/2023 0500	-16	49	7	71	8	1.51
06/15/2023 0515	-14	51	10	73	8	3.31
06/15/2023 0530	-11	54	13	75	8	16.09
06/15/2023 0545	-9	56	16	76	8	189.32
06/15/2023 0600	-6	58	19	78	8	3963.04
06/15/2023 0615	-3	60	22	80	8	72330.7
06/15/2023 0630	0	62	25	81	8	858251.8
06/15/2023 0645	3	64	28	83	7	2622870.49
06/15/2023 0700	6	66	31	84	7	5437704.4
06/15/2023 0715	9	68	34	86	7	8945720.07
06/15/2023 0730	12	70	37	88	7	13111824.14
06/15/2023 0745	15	71	41	90	7	17814051.26
06/15/2023 0800	18	73	44	91	7	22916206.88
06/15/2023 0815	21	75	47	93	7	28442191.6
06/15/2023 0830	24	76	50	95	7	34373213.86
06/15/2023 0845	27	78	53	98	7	40563513.34
06/15/2023 0900	30	79	56	100	7	46926158.63
06/15/2023 0915	33	81	59	103	7	53410046.79
06/15/2023 0930	36	82	63	106	7	59788396.05
06/15/2023 0945	40	84	66	110	7	65814983.81
06/15/2023 1000	43	86	68	115	7	71614040.33
06/15/2023 1015	46	88	71	120	7	77531434.82
06/15/2023 1030	49	89	74	128	7	83567682.43
06/15/2023 1045	52	91	76	137	7	89379586.14
06/15/2023 1100	56	94	78	151	7	94844748.21
06/15/2023 1115	59	96	79	167	7	99978507.8
06/15/2023 1130	62	98	80	186	6	104323627.8
06/15/2023 1145	65	102	79	204	6	107575359.5
06/15/2023 1200	68	105	77	219	6	110667171.9
06/15/2023 1215	71	110	75	230	6	114238184.2
06/15/2023 1230	74	116	72	238	6	116832303.1
06/15/2023 1245	77	124	70	245	6	117980334.2
06/15/2023 1300	80	136	67	250	6	119713943.3
06/15/2023 1315	81	153	64	254	6	121532323.1
06/15/2023 1330	82	177	61	257	6	122053170.1
06/15/2023 1345	82	201	58	260	6	121769236.7
06/15/2023 1400	80	221	55	263	6	120246142.5
06/15/2023 1415	78	234	52	265	6	118297166.7
06/15/2023 1430	75	243	48	267	6	117183075.3
06/15/2023 1445	72	249	45	269	6	115041786.1
06/15/2023 1500	69	254	42	271	6	111525461.8

06/15/2023 1515	66	258	39	273	6	108297002.4
06/15/2023 1530	63	261	36	275	6	105210493.3
06/15/2023 1545	60	264	33	277	6	101147359.3
06/15/2023 1600	56	266	30	278	6	96146782.14
06/15/2023 1615	53	268	27	280	5	90753719.65
06/15/2023 1630	50	270	24	282	5	85032055.19
06/15/2023 1645	47	272	21	283	5	79019251.13
06/15/2023 1700	44	274	18	285	5	73052595.65
06/15/2023 1715	40	275	15	286	5	67252475.1
06/15/2023 1730	37	277	12	288	5	61311557.63
06/15/2023 1745	34	279	9	290	5	55007455.18
06/15/2023 1800	31	280	6	292	5	48521945.87
06/15/2023 1815	28	282	3	293	5	42121442.56
06/15/2023 1830	25	284	1	295	5	35886531.25
06/15/2023 1845	21	285	-3	297	5	29877942.68
06/15/2023 1900	18	287	-5	299	5	24244426.5
06/15/2023 1915	15	288	-8	301	5	19043917.59
06/15/2023 1930	12	290	-10	303	5	14237608.41
06/15/2023 1945	9	292	-13	306	5	9921748.09
06/15/2023 2000	6	294	-15	308	5	6250256.54
06/15/2023 2015	3	295	-18	310	5	3247000.38
06/15/2023 2030	1	297	-20	313	5	1178273.14
06/15/2023 2045	-2	299	-22	316	5	135041.65
06/15/2023 2100	-5	301	-24	318	5	8570.54
06/15/2023 2115	-8	303	-26	321	5	394.16
06/15/2023 2130	-11	306	-28	325	5	27.5
06/15/2023 2145	-13	308	-30	328	4	4.45
06/15/2023 2200	-16	310	-31	331	4	1.67
06/15/2023 2215	-18	313	-33	335	4	1.15
06/15/2023 2230	-20	316	-34	339	4	0.5
06/15/2023 2245	-22	319	-35	342	4	0.5
06/15/2023 2300	-25	322	-36	346	4	0.5
06/15/2023 2315	-26	325	-36	350	4	0.5
06/15/2023 2330	-28	328	-37	354	4	0.5
06/15/2023 2345	-30	332	-37	358	4	0.5
06/16/2023 0000	-31	335	-37	3	4	0.5
06/16/2023 0015	-33	339	-36	7	4	0.5
06/16/2023 0030	-34	343	-36	11	4	0.5
06/16/2023 0045	-34	347	-35	15	4	0.5
06/16/2023 0100	-35	351	-34	19	4	0.5
06/16/2023 0115	-35	355	-33	22	4	0.5
06/16/2023 0130	-36	359	-32	26	4	0.5
06/16/2023 0145	-36	4	-30	29	4	0.5
06/16/2023 0200	-35	8	-29	33	4	0.5
06/16/2023 0215	-35	12	-27	36	4	0.5
06/16/2023 0230	-34	16	-25	39	4	0.5
06/16/2023 0245	-33	20	-23	42	4	0.5

06/16/2023 0300	-32	24	-21	44	4	0.5
06/16/2023 0315	-30	28	-19	47	4	0.5
06/16/2023 0330	-29	31	-16	50	4	0.5
06/16/2023 0345	-27	34	-14	52	3	0.5
06/16/2023 0400	-25	38	-12	54	3	0.5
06/16/2023 0415	-23	41	-9	56	3	0.5
06/16/2023 0430	-21	44	-6	58	3	0.5
06/16/2023 0445	-19	46	-4	60	3	1.1
06/16/2023 0500	-16	49	-1	62	3	1.45
06/16/2023 0515	-14	51	2	64	3	3.22
06/16/2023 0530	-11	54	5	66	3	15.83
06/16/2023 0545	-9	56	8	67	3	186.43
06/16/2023 0600	-6	58	11	69	3	3893.41
06/16/2023 0615	-3	60	13	71	3	71170.65
06/16/2023 0630	0	62	16	72	3	850729.47
06/16/2023 0645	3	64	19	74	3	2605985.5
06/16/2023 0700	6	66	22	75	3	5413843.23
06/16/2023 0715	9	68	25	77	3	8915571.46
06/16/2023 0730	11	69	28	78	3	13075311.79
06/16/2023 0745	14	71	32	80	3	17772480.94
06/16/2023 0800	18	73	35	81	3	22869878.35
06/16/2023 0815	21	74	38	83	3	28390596.6
06/16/2023 0830	24	76	41	84	3	34317212.4
06/16/2023 0845	27	78	44	86	3	40504463.33
06/16/2023 0900	30	79	47	87	3	46864427.53
06/16/2023 0915	33	81	50	89	3	53346860.18
06/16/2023 0930	36	82	53	91	3	59726902.15
06/16/2023 0945	39	84	57	93	3	65756430.32
06/16/2023 1000	43	86	60	95	3	71555384.65
06/16/2023 1015	46	88	63	97	3	77470271.49
06/16/2023 1030	49	89	66	100	3	83506699.85
06/16/2023 1045	52	91	69	103	2	89322201.91
06/16/2023 1100	56	93	72	108	2	94790643.35
06/16/2023 1115	59	96	75	113	2	99929615.65
06/16/2023 1130	62	98	78	121	2	104286422.7
06/16/2023 1145	65	101	81	133	2	107547084.5
06/16/2023 1200	68	105	83	151	2	110635837.3
06/16/2023 1215	71	110	83	177	2	114208842.1
06/16/2023 1230	74	115	83	205	2	116820006.9
06/16/2023 1245	77	124	81	225	2	117973772.6
06/16/2023 1300	80	135	79	238	2	119709596.6
06/16/2023 1315	81	153	76	247	2	121542180.8
06/16/2023 1330	82	176	73	252	2	122067031.7
06/16/2023 1345	82	201	70	257	2	121802993.6
06/16/2023 1400	80	221	67	260	2	120306574.1
06/16/2023 1415	78	234	64	263	2	118331784.6
06/16/2023 1430	75	243	61	266	2	117209788.7

06/16/2023 1445	72	249	57	268	2	115104668.9
06/16/2023 1500	69	254	54	270	2	111595839.5
06/16/2023 1515	66	258	51	272	2	108353719.9
06/16/2023 1530	63	261	48	274	2	105275757.5
06/16/2023 1545	60	264	45	275	2	101233963.3
06/16/2023 1600	56	266	42	277	2	96244347.34
06/16/2023 1615	53	268	39	278	2	90856226.23
06/16/2023 1630	50	270	36	280	2	85141253.64
06/16/2023 1645	47	272	33	281	2	79131232.35
06/16/2023 1700	44	274	30	283	2	73161311.15
06/16/2023 1715	40	275	26	284	2	67360497.96
06/16/2023 1730	37	277	23	286	2	61425973.25
06/16/2023 1745	34	279	21	287	2	55128726.88
06/16/2023 1800	31	280	18	289	2	48644532.58
06/16/2023 1815	28	282	15	291	2	42242073.49
06/16/2023 1830	25	284	12	292	2	36004777.84
06/16/2023 1845	21	285	9	294	2	29991564.14
06/16/2023 1900	18	287	6	295	2	24350714.54
06/16/2023 1915	15	288	4	297	2	19143250.1
06/16/2023 1930	12	290	1	299	1	14329949.34
06/16/2023 1945	9	292	-2	301	1	10003411.23
06/16/2023 2000	6	294	-5	303	1	6319352.51
06/16/2023 2015	4	295	-7	305	1	3302117.32
06/16/2023 2030	1	297	-10	307	1	1209243.57
06/16/2023 2045	-2	299	-12	309	1	142192.08
06/16/2023 2100	-5	301	-14	312	1	9165.45
06/16/2023 2115	-8	303	-17	314	1	421.68
06/16/2023 2130	-10	306	-19	317	1	28.99
06/16/2023 2145	-13	308	-21	319	1	4.6
06/16/2023 2200	-16	310	-23	322	1	1.69
06/16/2023 2215	-18	313	-25	325	1	1.16
06/16/2023 2230	-20	316	-26	328	1	0.5
06/16/2023 2245	-22	319	-28	331	1	0.5
06/16/2023 2300	-24	322	-29	335	1	0.5
06/16/2023 2315	-26	325	-30	338	1	0.5
06/16/2023 2330	-28	328	-31	342	1	0.5
06/16/2023 2345	-30	332	-32	345	1	0.5
06/17/2023 0000	-31	335	-33	349	1	0.5
06/17/2023 0015	-33	339	-33	353	1	0.5
06/17/2023 0030	-34	343	-34	357	1	0.5
06/17/2023 0045	-34	347	-34	1	1	0.5
06/17/2023 0100	-35	351	-34	4	1	0.5
06/17/2023 0115	-35	355	-33	8	1	0.5
06/17/2023 0130	-36	359	-33	12	1	0.5
06/17/2023 0145	-35	4	-32	16	1	0.5
06/17/2023 0200	-35	8	-31	19	1	0.5
06/17/2023 0215	-35	12	-30	23	1	0.5

06/17/2023 0230	-34	16	-29	26	1	0.5
06/17/2023 0245	-33	20	-27	30	1	0.5
06/17/2023 0300	-32	24	-25	33	1	0.5
06/17/2023 0315	-30	27	-24	36	1	0.5
06/17/2023 0330	-29	31	-22	38	1	0.5
06/17/2023 0345	-27	34	-20	41	1	0.5
06/17/2023 0400	-25	38	-18	44	1	0.5
06/17/2023 0415	-23	41	-16	46	1	0.5
06/17/2023 0430	-21	43	-13	49	1	0.5
06/17/2023 0445	-19	46	-11	51	1	1.1
06/17/2023 0500	-16	49	-8	53	1	1.45
06/17/2023 0515	-14	51	-6	55	1	3.19
06/17/2023 0530	-11	54	-3	57	1	15.62
06/17/2023 0545	-9	56	0	59	1	182.83
06/17/2023 0600	-6	58	2	61	1	3805.85
06/17/2023 0615	-3	60	5	62	1	69746.47
06/17/2023 0630	0	62	8	64	1	841633.52
06/17/2023 0645	3	64	10	66	1	2585874.67
06/17/2023 0700	6	66	13	67	1	5385817.48
06/17/2023 0715	8	68	16	69	1	8880620.34
06/17/2023 0730	11	69	19	70	1	13033436.78
06/17/2023 0745	14	71	22	72	1	17725242.92
06/17/2023 0800	17	73	25	73	1	22817669.11
06/17/2023 0815	21	74	28	75	1	28332863.45
06/17/2023 0830	24	76	31	76	1	34254917.59
06/17/2023 0845	27	78	34	77	0	40439120.37
06/17/2023 0900	30	79	37	79	0	46796431.44
06/17/2023 0915	33	81	40	80	0	53277510.39
06/17/2023 0930	36	82	43	81	0	59659601.14
06/17/2023 0945	39	84	46	83	0	65692532.76
06/17/2023 1000	43	86	50	84	0	71491555.23
06/17/2023 1015	46	87	53	86	0	77403807.06
06/17/2023 1030	49	89	56	87	0	83440427.42
06/17/2023 1045	52	91	59	89	0	89259810.46
06/17/2023 1100	55	93	62	91	0	94731750.64
06/17/2023 1115	59	96	65	93	0	99876191.28
06/17/2023 1130	62	98	68	95	0	104245506.9
06/17/2023 1145	65	101	71	98	0	107515839.9
06/17/2023 1200	68	105	75	102	0	110600871.1
06/17/2023 1215	71	109	78	107	0	114175226.1
06/17/2023 1230	74	115	81	114	0	116805237.7
06/17/2023 1245	77	123	83	127	0	117965186.2
06/17/2023 1300	80	135	85	154	0	119699722.9
06/17/2023 1315	81	152	86	197	0	121546667.7
06/17/2023 1330	82	176	84	228	0	122077542.2
06/17/2023 1345	82	201	81	244	0	121831518.9
06/17/2023 1400	80	220	78	252	0	120361657.1

06/17/2023 1415	78	234	75	258	0	118364762.6
06/17/2023 1430	75	243	72	262	0	117234469.9
06/17/2023 1445	72	249	69	265	0	115163780.5
06/17/2023 1500	69	254	66	267	0	111663224.9
06/17/2023 1515	66	258	63	269	0	108408153.1
06/17/2023 1530	63	261	60	271	0	105338060.1
06/17/2023 1545	60	264	57	273	0	101316931.6
06/17/2023 1600	56	266	54	274	0	96338163.27
06/17/2023 1615	53	268	50	276	0	90954846.89
06/17/2023 1630	50	270	47	277	0	85246327.09
06/17/2023 1645	47	272	44	279	0	79239092.51
06/17/2023 1700	44	274	41	280	0	73266028.54
06/17/2023 1715	40	275	38	282	0	67464361.74
06/17/2023 1730	37	277	35	283	0	61535804.9
06/17/2023 1745	34	279	32	284	0	55245098.55
06/17/2023 1800	31	280	29	286	0	48762128.17
06/17/2023 1815	28	282	26	287	0	42357662.58
06/17/2023 1830	25	284	23	289	0	36117935.49
06/17/2023 1845	22	285	20	290	0	30100187.91
06/17/2023 1900	18	287	17	292	0	24452187.36
06/17/2023 1915	15	288	14	293	0	19237896.04
06/17/2023 1930	12	290	12	295	0	14417809.26
06/17/2023 1945	9	292	9	296	0	10081042.82
06/17/2023 2000	6	294	6	298	0	6384925.55
06/17/2023 2015	4	295	3	300	0	3354456.54
06/17/2023 2030	1	297	1	301	0	1238920.71
06/17/2023 2045	-2	299	-2	303	0	149187.74
06/17/2023 2100	-5	301	-5	305	0	9757.53
06/17/2023 2115	-8	303	-7	307	0	449.15
06/17/2023 2130	-10	306	-10	309	0	30.45
06/17/2023 2145	-13	308	-12	312	0	4.75
06/17/2023 2200	-16	310	-14	314	0	1.72
06/17/2023 2215	-18	313	-16	316	0	1.17
06/17/2023 2230	-20	316	-18	319	0	0.5
06/17/2023 2245	-22	319	-20	322	0	0.5
06/17/2023 2300	-24	322	-22	324	0	0.5
06/17/2023 2315	-26	325	-24	327	0	0.5
06/17/2023 2330	-28	328	-25	330	0	0.5
06/17/2023 2345	-30	331	-27	334	0	0.5
06/18/2023 0000	-31	335	-28	337	0	0.5
06/18/2023 0015	-32	339	-29	340	0	0.5
06/18/2023 0030	-34	343	-30	344	0	0.5
06/18/2023 0045	-34	347	-31	347	0	0.5
06/18/2023 0100	-35	351	-32	351	0	0.5
06/18/2023 0115	-35	355	-32	355	0	0.5
06/18/2023 0130	-36	359	-32	358	0	0.5
06/18/2023 0145	-35	4	-32	2	0	0.5



06/18/2023 0200	-35	8	-32	6	0	0.5
06/18/2023 0215	-35	12	-31	10	0	0.5
06/18/2023 0230	-34	16	-31	13	0	0.5
06/18/2023 0245	-33	20	-30	17	0	0.5
06/18/2023 0300	-32	24	-29	20	0	0.5
06/18/2023 0315	-30	27	-28	24	0	0.5
06/18/2023 0330	-29	31	-27	27	0	0.5
06/18/2023 0345	-27	34	-25	30	0	0.5
06/18/2023 0400	-25	37	-23	33	0	0.5
06/18/2023 0415	-23	41	-22	36	0	0.5
06/18/2023 0430	-21	43	-20	39	0	0.5
06/18/2023 0445	-19	46	-18	41	0	1.1
06/18/2023 0500	-16	49	-16	44	0	1.44
06/18/2023 0515	-14	51	-14	46	0	3.16
06/18/2023 0530	-11	54	-11	49	0	15.37
06/18/2023 0545	-9	56	-9	51	0	178.44
06/18/2023 0600	-6	58	-7	53	0	3701.75
06/18/2023 0615	-3	60	-4	55	0	68077.36
06/18/2023 0630	0	62	-1	57	0	831032.95
06/18/2023 0645	3	64	2	59	0	2562638.99
06/18/2023 0700	6	66	4	60	0	5353735.8
06/18/2023 0715	8	68	7	62	0	8840995.37
06/18/2023 0730	11	69	9	64	0	12986342.16
06/18/2023 0745	14	71	12	65	0	17672488.91
06/18/2023 0800	17	73	15	67	0	22759745.42
06/18/2023 0815	21	74	18	68	0	28269173.13
06/18/2023 0830	24	76	21	70	0	34186517.3
06/18/2023 0845	27	78	24	71	0	40367677.62
06/18/2023 0900	30	79	27	73	0	46722370.32
06/18/2023 0915	33	81	30	74	0	53202194.7
06/18/2023 0930	36	82	33	75	0	59586676.14
06/18/2023 0945	39	84	36	77	0	65623468.76
06/18/2023 1000	43	86	39	78	0	71422743.14
06/18/2023 1015	46	87	42	79	0	77332243.73
06/18/2023 1030	49	89	45	81	0	83369058.28
06/18/2023 1045	52	91	48	82	0	89192592.92
06/18/2023 1100	55	93	51	83	0	94668248.51
06/18/2023 1115	59	96	54	85	0	99818387.71
06/18/2023 1130	62	98	57	86	0	104200982.7
06/18/2023 1145	65	101	61	88	0	107481732
06/18/2023 1200	68	105	64	90	0	110562437.5
06/18/2023 1215	71	109	67	92	0	114137453.4
06/18/2023 1230	74	115	70	94	0	116788005.3
06/18/2023 1245	77	123	73	96	0	117954674.3
06/18/2023 1300	79	135	76	100	0	119684473.2
06/18/2023 1315	81	152	79	105	0	121545894.9
06/18/2023 1330	82	176	82	113	0	122085000.4



06/18/2023 1345	82	201	85	129	0	121855143.3
06/18/2023 1400	80	220	87	169	1	120411244.8
06/18/2023 1415	78	234	86	219	1	118395888.9
06/18/2023 1430	75	243	83	242	1	117257187.6
06/18/2023 1445	72	249	80	252	1	115219109.7
06/18/2023 1500	69	254	77	258	1	111727475.7
06/18/2023 1515	66	258	74	262	1	108460212
06/18/2023 1530	63	261	71	265	1	105397352.8
06/18/2023 1545	60	264	68	268	1	101396166.8
06/18/2023 1600	57	266	65	270	1	96428090.22
06/18/2023 1615	53	268	62	272	1	91049435.79
06/18/2023 1630	50	270	59	273	1	85347116.58
06/18/2023 1645	47	272	56	275	1	79342651.89
06/18/2023 1700	44	274	52	276	1	73366569.94
06/18/2023 1715	40	276	49	278	1	67563905.11
06/18/2023 1730	37	277	46	279	1	61640890.01
06/18/2023 1745	34	279	43	280	1	55356386.89
06/18/2023 1800	31	280	40	282	1	48874536.17
06/18/2023 1815	28	282	37	283	1	42468015.35
06/18/2023 1830	25	284	34	284	1	36225811.24
06/18/2023 1845	22	285	31	286	1	30203620.06
06/18/2023 1900	18	287	28	287	1	24548660.48
06/18/2023 1915	15	288	25	288	1	19327685.47
06/18/2023 1930	12	290	22	290	1	14501021.65
06/18/2023 1945	9	292	19	291	1	10154480.99
06/18/2023 2000	7	294	16	293	1	6446833.21
06/18/2023 2015	4	295	13	294	1	3403871.65
06/18/2023 2030	1	297	11	296	1	1267161.16
06/18/2023 2045	-2	299	8	297	1	155970.15
06/18/2023 2100	-5	301	5	299	1	10340.47
06/18/2023 2115	-8	303	3	301	1	476.26
06/18/2023 2130	-10	306	0	303	1	31.88
06/18/2023 2145	-13	308	-3	304	1	4.88
06/18/2023 2200	-15	310	-5	306	1	1.74
06/18/2023 2215	-18	313	-8	309	1	1.17
06/18/2023 2230	-20	316	-10	311	1	0.5
06/18/2023 2245	-22	319	-13	313	1	0.5
06/18/2023 2300	-24	322	-15	315	1	0.5
06/18/2023 2315	-26	325	-17	318	1	0.5
06/18/2023 2330	-28	328	-19	320	1	0.5
06/18/2023 2345	-30	331	-21	323	1	0.5
06/19/2023 0000	-31	335	-23	326	1	0.5
06/19/2023 0015	-32	339	-24	329	1	0.5
06/19/2023 0030	-33	343	-26	332	1	0.5
06/19/2023 0045	-34	347	-27	335	1	0.5
06/19/2023 0100	-35	351	-28	338	1	0.5
06/19/2023 0115	-35	355	-30	342	1	0.5

06/19/2023 0130	-36	359	-30	345	1	0.5
06/19/2023 0145	-35	3	-31	349	1	0.5
06/19/2023 0200	-35	8	-32	353	1	0.5
06/19/2023 0215	-35	12	-32	356	1	0.5
06/19/2023 0230	-34	16	-32	0	1	0.5
06/19/2023 0245	-33	20	-32	4	1	0.5
06/19/2023 0300	-32	24	-32	8	1	0.5
06/19/2023 0315	-30	27	-31	11	1	0.5
06/19/2023 0330	-29	31	-30	15	1	0.5
06/19/2023 0345	-27	34	-30	18	2	0.5
06/19/2023 0400	-25	37	-28	22	2	0.5
06/19/2023 0415	-23	40	-27	25	2	0.5
06/19/2023 0430	-21	43	-26	28	2	0.5
06/19/2023 0445	-19	46	-24	31	2	1.09
06/19/2023 0500	-16	49	-23	34	2	1.44
06/19/2023 0515	-14	51	-21	37	2	3.13
06/19/2023 0530	-11	54	-19	40	2	15.06
06/19/2023 0545	-9	56	-17	42	2	173.35
06/19/2023 0600	-6	58	-15	45	2	3582.84
06/19/2023 0615	-3	60	-13	47	2	66184.79
06/19/2023 0630	0	62	-10	50	2	819002.79
06/19/2023 0645	3	64	-8	52	2	2536386.42
06/19/2023 0700	6	66	-5	54	2	5317711.54
06/19/2023 0715	8	68	-3	56	2	8796829.81
06/19/2023 0730	11	69	0	58	2	12934175.22
06/19/2023 0745	14	71	3	60	2	17614374.08
06/19/2023 0800	17	73	5	61	2	22696276.83
06/19/2023 0815	20	74	8	63	2	28199709.84
06/19/2023 0830	24	76	11	65	2	34112202.09
06/19/2023 0845	27	77	13	66	2	40290330.36
06/19/2023 0900	30	79	16	68	2	46642445.97
06/19/2023 0915	33	81	19	69	2	53121111.72
06/19/2023 0930	36	82	22	71	2	59508310.78
06/19/2023 0945	39	84	25	72	2	65549415.87
06/19/2023 1000	43	86	28	74	2	71349139.27
06/19/2023 1015	46	87	31	75	2	77255783.5
06/19/2023 1030	49	89	34	76	2	83292784.71
06/19/2023 1045	52	91	37	78	2	89120728.67
06/19/2023 1100	55	93	40	79	2	94600313.4
06/19/2023 1115	59	96	43	80	2	99756355.78
06/19/2023 1130	62	98	46	82	2	104152949.1
06/19/2023 1145	65	101	49	83	2	107444863.9
06/19/2023 1200	68	105	52	85	2	110520698.7
06/19/2023 1215	71	109	56	86	2	114095637.4
06/19/2023 1230	74	115	59	88	2	116768310.2
06/19/2023 1245	77	123	62	90	3	117942341.3
06/19/2023 1300	79	134	65	92	3	119664011.5

06/19/2023 1315	81	152	68	94	3	121539928
06/19/2023 1330	82	175	71	97	3	122089628.9
06/19/2023 1345	82	200	74	100	3	121874159.2
06/19/2023 1400	80	220	77	104	3	120455208.2
06/19/2023 1415	78	233	80	111	3	118424950.1
06/19/2023 1430	75	242	83	123	3	117277998
06/19/2023 1445	72	249	85	148	3	115270642.7
06/19/2023 1500	69	254	86	193	3	111788446
06/19/2023 1515	66	258	84	227	3	108509800.1
06/19/2023 1530	63	261	82	244	3	105453581.9
06/19/2023 1545	60	264	79	252	3	101471567.9
06/19/2023 1600	57	266	76	258	3	96513983.88
06/19/2023 1615	53	268	73	262	3	91139842.27
06/19/2023 1630	50	270	70	265	3	85443459.18
06/19/2023 1645	47	272	66	267	3	79441727.17
06/19/2023 1700	44	274	63	269	3	73462753.64
06/19/2023 1715	41	275	60	271	3	67658963.27
06/19/2023 1730	37	277	57	273	3	61741063.44
06/19/2023 1745	34	279	54	274	3	55462406.7
06/19/2023 1800	31	280	51	276	3	48981558.32
06/19/2023 1815	28	282	48	277	3	42572935.73
06/19/2023 1830	25	284	44	278	3	36328211.2
06/19/2023 1845	22	285	41	280	3	30301666.33
06/19/2023 1900	19	287	38	281	3	24639949.17
06/19/2023 1915	15	288	35	283	3	19412448.58
06/19/2023 1930	12	290	32	284	3	14579421.08
06/19/2023 1945	9	292	29	285	3	10223565.32
06/19/2023 2000	7	294	26	287	3	6504934.55
06/19/2023 2015	4	295	23	288	4	3450220.33
06/19/2023 2030	1	297	20	290	4	1293824.65
06/19/2023 2045	-2	299	17	291	4	162480.2
06/19/2023 2100	-5	301	14	293	4	10907.66
06/19/2023 2115	-8	303	12	294	4	502.69
06/19/2023 2130	-10	306	9	296	4	33.28
06/19/2023 2145	-13	308	6	297	4	5.03
06/19/2023 2200	-15	310	3	299	4	1.77
06/19/2023 2215	-18	313	1	301	4	1.18
06/19/2023 2230	-20	316	-2	303	4	0.5
06/19/2023 2245	-22	318	-5	305	4	0.5
06/19/2023 2300	-24	321	-7	307	4	0.5
06/19/2023 2315	-26	325	-10	309	4	0.5
06/19/2023 2330	-28	328	-12	311	4	0.5
06/19/2023 2345	-30	331	-15	313	4	0.5
06/20/2023 0000	-31	335	-17	316	4	0.5
06/20/2023 0015	-32	339	-19	318	4	0.5
06/20/2023 0030	-33	343	-21	321	4	0.5
06/20/2023 0045	-34	347	-23	324	4	0.5

06/20/2023 0100	-35	351	-25	327	4	0.5
06/20/2023 0115	-35	355	-26	330	4	0.5
06/20/2023 0130	-35	359	-28	333	4	0.5
06/20/2023 0145	-35	3	-29	336	4	0.5
06/20/2023 0200	-35	8	-30	340	4	0.5
06/20/2023 0215	-35	12	-31	343	4	0.5
06/20/2023 0230	-34	16	-32	347	4	0.5
06/20/2023 0245	-33	20	-33	351	5	0.5
06/20/2023 0300	-32	24	-33	354	5	0.5
06/20/2023 0315	-30	27	-33	358	5	0.5
06/20/2023 0330	-29	31	-33	2	5	0.5
06/20/2023 0345	-27	34	-33	6	5	0.5
06/20/2023 0400	-25	37	-33	10	5	0.5
06/20/2023 0415	-23	40	-32	14	5	0.5
06/20/2023 0430	-21	43	-31	17	5	0.5
06/20/2023 0445	-19	46	-30	21	5	1.09
06/20/2023 0500	-16	49	-29	24	5	1.43
06/20/2023 0515	-14	51	-28	28	5	3.09
06/20/2023 0530	-11	54	-26	31	5	14.72
06/20/2023 0545	-9	56	-25	34	5	167.63
06/20/2023 0600	-6	58	-23	37	5	3451.02
06/20/2023 0615	-3	60	-21	40	5	64091.94
06/20/2023 0630	0	62	-19	42	5	805622.96
06/20/2023 0645	3	64	-17	45	5	2507230.92
06/20/2023 0700	5	66	-15	47	5	5277861.6
06/20/2023 0715	8	68	-12	50	5	8748260.19
06/20/2023 0730	11	69	-10	52	5	12877086.04
06/20/2023 0745	14	71	-8	54	5	17551055.57
06/20/2023 0800	17	73	-5	56	5	22627434.54
06/20/2023 0815	20	74	-2	58	5	28124659.21
06/20/2023 0830	24	76	1	60	6	34032163.36
06/20/2023 0845	27	77	3	62	6	40207274.06
06/20/2023 0900	30	79	6	64	6	46556860.02
06/20/2023 0915	33	81	9	65	6	53034459.45
06/20/2023 0930	36	82	11	67	6	59424687.39
06/20/2023 0945	39	84	14	69	6	65470549.72
06/20/2023 1000	43	86	17	70	6	71270932.49
06/20/2023 1015	46	87	20	72	6	77174626.27
06/20/2023 1030	49	89	23	73	6	83211796.33
06/20/2023 1045	52	91	26	75	6	89044393.7
06/20/2023 1100	55	93	29	76	6	94528118.15
06/20/2023 1115	59	95	32	78	6	99690242.76
06/20/2023 1130	62	98	35	79	6	104101500.9
06/20/2023 1145	65	101	38	81	6	107405334
06/20/2023 1200	68	105	41	82	6	110475814.3
06/20/2023 1215	71	109	44	84	6	114049887.2
06/20/2023 1230	74	115	47	85	6	116746143

06/20/2023 1245	77	123	51	87	6	117928293.9
06/20/2023 1300	79	134	54	89	6	119638514.3
06/20/2023 1315	81	151	57	91	6	121528789.3
06/20/2023 1330	82	175	60	93	6	122091571.9
06/20/2023 1345	82	200	63	95	7	121888813.4
06/20/2023 1400	80	220	66	98	7	120493433.1
06/20/2023 1415	78	233	69	101	7	118451734.4
06/20/2023 1430	75	242	72	105	7	117296945.9
06/20/2023 1445	72	249	75	110	7	115318363.6
06/20/2023 1500	69	254	78	117	7	111845988.1
06/20/2023 1515	66	258	81	129	7	108556815.4
06/20/2023 1530	63	261	83	147	7	105506690.1
06/20/2023 1545	60	264	84	176	7	101543031.7
06/20/2023 1600	57	266	83	206	7	96595697.17
06/20/2023 1615	53	268	81	227	7	91225912.66
06/20/2023 1630	50	270	79	240	7	85535189.86
06/20/2023 1645	47	272	76	248	7	79536133.48
06/20/2023 1700	44	274	73	253	7	73554396.17
06/20/2023 1715	41	275	70	258	7	67749369.84
06/20/2023 1730	37	277	67	261	7	61836159.51
06/20/2023 1745	34	279	64	264	7	55562973.1
06/20/2023 1800	31	280	61	266	7	49082996.84
06/20/2023 1815	28	282	57	268	7	42672228.26
06/20/2023 1830	25	284	54	270	7	36424942.74
06/20/2023 1845	22	285	51	272	8	30394134.19
06/20/2023 1900	19	287	48	273	8	24725870.46
06/20/2023 1915	16	288	45	275	8	19492017.57
06/20/2023 1930	13	290	42	277	8	14652844.98
06/20/2023 1945	10	292	39	278	8	10288138.45
06/20/2023 2000	7	294	35	280	8	6559091.64
06/20/2023 2015	4	295	32	281	8	3493365.41
06/20/2023 2030	1	297	29	282	8	1318775.46
06/20/2023 2045	-2	299	26	284	8	168659.06
06/20/2023 2100	-5	301	23	285	8	11452.34
06/20/2023 2115	-8	303	20	287	8	528.24
06/20/2023 2130	-10	306	17	288	8	34.75
06/20/2023 2145	-13	308	14	290	8	5.28
06/20/2023 2200	-15	310	11	291	8	1.89
06/20/2023 2215	-18	313	9	293	8	1.26
06/20/2023 2230	-20	316	6	295	8	0.55
06/20/2023 2245	-22	318	3	296	8	0.52
06/20/2023 2300	-24	321	0	298	8	0.51
06/20/2023 2315	-26	325	-3	300	9	0.5
06/20/2023 2330	-28	328	-5	302	9	0.5
06/20/2023 2345	-30	331	-8	304	9	0.5
06/21/2023 0000	-31	335	-11	306	9	0.5
06/21/2023 0015	-32	339	-13	308	9	0.5

06/21/2023 0030	-33	343	-16	311	9	0.5
06/21/2023 0045	-34	347	-18	313	9	0.5
06/21/2023 0100	-35	351	-20	316	9	0.5
06/21/2023 0115	-35	355	-22	318	9	0.5
06/21/2023 0130	-35	359	-24	321	9	0.5
06/21/2023 0145	-35	3	-26	324	9	0.5
06/21/2023 0200	-35	8	-28	327	9	0.5
06/21/2023 0215	-35	12	-29	331	9	0.5
06/21/2023 0230	-34	16	-31	334	9	0.5
06/21/2023 0245	-33	20	-32	338	9	0.5
06/21/2023 0300	-32	24	-33	341	9	0.5
06/21/2023 0315	-30	27	-34	345	9	0.5
06/21/2023 0330	-29	31	-35	349	9	0.5
06/21/2023 0345	-27	34	-35	353	10	0.5
06/21/2023 0400	-25	37	-36	357	10	0.5
06/21/2023 0415	-23	40	-36	1	10	0.5
06/21/2023 0430	-21	43	-36	5	10	0.5
06/21/2023 0445	-19	46	-35	9	10	1.09
06/21/2023 0500	-16	49	-35	13	10	1.42
06/21/2023 0515	-14	51	-34	17	10	3.04
06/21/2023 0530	-11	54	-33	21	10	14.33
06/21/2023 0545	-9	56	-32	24	10	161.36
06/21/2023 0600	-6	58	-31	28	10	3308.27
06/21/2023 0615	-3	60	-29	31	10	61823.24
06/21/2023 0630	0	62	-27	35	10	790977.13
06/21/2023 0645	3	64	-26	38	10	2475291.67
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06/21/2023 0745	14	71	-17	49	10	17482691.2
06/21/2023 0800	17	73	-15	51	11	22553389.97
06/21/2023 0815	20	74	-12	54	11	28044206.86
06/21/2023 0830	24	76	-10	56	11	33946591.87
06/21/2023 0845	27	77	-7	58	11	40118702.88
06/21/2023 0900	30	79	-5	60	11	46465812.33
06/21/2023 0915	33	81	-2	62	11	52942433.73
06/21/2023 0930	36	82	1	64	11	59335985.52
06/21/2023 0945	39	84	4	66	11	65387042.57
06/21/2023 1000	42	86	6	67	11	71188307.99
06/21/2023 1015	46	87	9	69	11	77088968.06
06/21/2023 1030	49	89	12	71	11	83126278.44
06/21/2023 1045	52	91	15	72	11	88963759
06/21/2023 1100	55	93	18	74	11	94451830.42
06/21/2023 1115	59	95	21	76	11	99620191.13
06/21/2023 1130	62	98	24	77	11	104046727.8
06/21/2023 1145	65	101	27	79	11	107363235.3
06/21/2023 1200	68	105	30	81	12	110427939.4



06/21/2023 1215	71	109	33	82	12	114000307
06/21/2023 1230	74	115	36	84	12	116721484.6
06/21/2023 1245	77	123	39	85	12	117912638.5
06/21/2023 1300	79	134	43	87	12	119608169.1
06/21/2023 1315	81	151	46	89	12	121512459.5
06/21/2023 1330	82	175	49	91	12	122090895.5
06/21/2023 1345	82	200	52	93	12	121899301.1
06/21/2023 1400	80	220	55	95	12	120525816.2
06/21/2023 1415	78	233	58	98	12	118476033.8
06/21/2023 1430	75	242	61	101	12	117314065.1
06/21/2023 1445	72	249	64	104	12	115362253.9
06/21/2023 1500	69	254	67	108	12	111899952.7
06/21/2023 1515	66	258	70	112	12	108601151.5
06/21/2023 1530	63	261	73	119	12	105556616.7
06/21/2023 1545	60	264	76	127	12	101610453.5
06/21/2023 1600	57	266	78	138	13	96673081.44
06/21/2023 1615	53	268	80	153	13	91307491.67
06/21/2023 1630	50	270	81	173	13	85622143.06
06/21/2023 1645	47	272	81	195	13	79625686.03
06/21/2023 1700	44	274	79	213	13	73641313.99
06/21/2023 1715	41	275	77	226	13	67834958.53
06/21/2023 1730	37	277	75	236	13	61926013.55
06/21/2023 1745	34	279	72	243	13	55657903.19
06/21/2023 1800	31	280	69	248	13	49178656.22
06/21/2023 1815	28	282	66	253	13	42765699.96
06/21/2023 1830	25	283	63	256	13	36515816.26
06/21/2023 1845	22	285	60	259	13	30480834.64
06/21/2023 1900	19	287	57	262	13	24806244.9
06/21/2023 1915	16	288	54	264	13	19566228.29
06/21/2023 1930	13	290	50	267	13	14721135.11
06/21/2023 1945	10	292	47	269	14	10348047.6
06/21/2023 2000	7	293	44	270	14	6609170.82
06/21/2023 2015	4	295	41	272	14	3533175.88
06/21/2023 2030	1	297	38	274	14	1341883.71
06/21/2023 2045	-2	299	35	275	14	174449.09
06/21/2023 2100	-5	301	32	277	14	11967.88
06/21/2023 2115	-8	303	28	279	14	552.87
06/21/2023 2130	-10	306	25	280	14	36.58
06/21/2023 2145	-13	308	22	282	14	5.93
06/21/2023 2200	-15	310	19	283	14	2.36
06/21/2023 2215	-18	313	16	285	14	1.63
06/21/2023 2230	-20	316	13	287	14	0.84
06/21/2023 2245	-22	318	10	288	14	0.75
06/21/2023 2300	-24	321	7	290	14	0.66
06/21/2023 2315	-26	325	4	292	15	0.59
06/21/2023 2330	-28	328	2	293	15	0.54
06/21/2023 2345	-30	331	-2	295	15	0.51



06/22/2023 0000	-31	335	-4	297	15	0.5
06/22/2023 0015	-32	339	-7	299	15	0.5
06/22/2023 0030	-33	343	-10	301	15	0.5
06/22/2023 0045	-34	347	-13	303	15	0.5
06/22/2023 0100	-35	351	-15	305	15	0.5
06/22/2023 0115	-35	355	-18	308	15	0.5
06/22/2023 0130	-35	359	-20	310	15	0.5
06/22/2023 0145	-35	3	-22	313	15	0.5
06/22/2023 0200	-35	8	-25	316	15	0.5
06/22/2023 0215	-35	12	-27	319	15	0.5
06/22/2023 0230	-34	16	-29	322	15	0.5
06/22/2023 0245	-33	20	-31	325	16	0.5
06/22/2023 0300	-32	23	-32	328	16	0.5
06/22/2023 0315	-30	27	-34	332	16	0.5
06/22/2023 0330	-29	31	-35	336	16	0.5
06/22/2023 0345	-27	34	-37	340	16	0.5
06/22/2023 0400	-25	37	-38	344	16	0.5
06/22/2023 0415	-23	40	-38	348	16	0.5
06/22/2023 0430	-21	43	-39	352	16	0.5
06/22/2023 0445	-19	46	-39	356	16	1.09
06/22/2023 0500	-16	49	-40	1	16	1.41
06/22/2023 0515	-14	51	-39	5	16	2.99
06/22/2023 0530	-11	53	-39	9	16	13.9
06/22/2023 0545	-9	56	-38	14	16	154.66
06/22/2023 0600	-6	58	-38	18	16	3156.6
06/22/2023 0615	-3	60	-37	22	17	59403.96
06/22/2023 0630	0	62	-35	26	17	775151.66
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06/22/2023 0715	8	68	-31	37	17	8638464.56
06/22/2023 0730	11	69	-29	40	17	12748748.43
06/22/2023 0745	14	71	-27	43	17	17409438.34
06/22/2023 0800	17	73	-25	46	17	22474313.51
06/22/2023 0815	20	74	-22	49	17	27958536.94
06/22/2023 0830	23	76	-20	51	17	33855676.28
06/22/2023 0845	27	77	-18	54	17	40024808.14
06/22/2023 0900	30	79	-15	56	17	46369499.55
06/22/2023 0915	33	81	-13	59	17	52845226.97
06/22/2023 0930	36	82	-10	61	17	59242380.78
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06/22/2023 1000	42	85	-4	65	18	71101446.04
06/22/2023 1015	46	87	-2	67	18	76998999.83
06/22/2023 1030	49	89	2	69	18	83036410.84
06/22/2023 1045	52	91	4	71	18	88878989.36
06/22/2023 1100	55	93	7	72	18	94371611.51
06/22/2023 1115	58	95	10	74	18	99546337.55
06/22/2023 1130	62	98	13	76	18	103988713.7

06/22/2023 1145	65	101	16	78	18	107318654.2
06/22/2023 1200	68	105	19	79	18	110377223.4
06/22/2023 1215	71	109	22	81	18	113946995.9
06/22/2023 1230	74	115	25	83	18	116694305.8
06/22/2023 1245	77	122	28	85	18	117895479.2
06/22/2023 1300	79	134	32	86	19	119573174.5
06/22/2023 1315	81	151	35	88	19	121490881.7
06/22/2023 1330	82	174	38	90	19	122087587.3
06/22/2023 1345	82	199	41	92	19	121905760
06/22/2023 1400	80	219	44	94	19	120552261.9
06/22/2023 1415	78	233	47	96	19	118497646.9
06/22/2023 1430	75	242	50	99	19	117329378.6
06/22/2023 1445	72	249	53	101	19	115402292.2
06/22/2023 1500	69	254	56	104	19	111950190.4
06/22/2023 1515	66	258	59	108	19	108642698.6
06/22/2023 1530	63	261	62	112	19	105603298.3
06/22/2023 1545	60	263	65	116	19	101673728.2
06/22/2023 1600	57	266	68	122	19	96745987.64
06/22/2023 1615	53	268	71	129	20	91384423.57
06/22/2023 1630	50	270	73	137	20	85704153.72
06/22/2023 1645	47	272	75	148	20	79710201.38
06/22/2023 1700	44	274	76	161	20	73723324.83
06/22/2023 1715	41	275	77	175	20	67915564.3
06/22/2023 1730	37	277	76	191	20	62010463.09
06/22/2023 1745	34	279	75	204	20	55747017.35
06/22/2023 1800	31	280	74	216	20	49268344.75
06/22/2023 1815	28	282	72	226	20	42853161.77
06/22/2023 1830	25	283	69	233	20	36600646.54
06/22/2023 1845	22	285	67	239	20	30561583.54
06/22/2023 1900	19	287	64	244	20	24880897.85
06/22/2023 1915	16	288	61	249	20	19634921.39
06/22/2023 1930	13	290	58	252	21	14784138.67
06/22/2023 1945	10	292	55	255	21	10403145.64
06/22/2023 2000	7	293	52	258	21	6655043.67
06/22/2023 2015	4	295	49	261	21	3569527.52
06/22/2023 2030	1	297	45	263	21	1363026.34
06/22/2023 2045	-2	299	42	265	21	179794.55
06/22/2023 2100	-5	301	39	267	21	12447.74
06/22/2023 2115	-8	303	36	269	21	576.64
06/22/2023 2130	-10	305	33	271	21	39.17
06/22/2023 2145	-13	308	30	273	21	7.36
06/22/2023 2200	-15	310	26	274	21	3.56
06/22/2023 2215	-18	313	23	276	21	2.67
06/22/2023 2230	-20	316	20	278	22	1.73
06/22/2023 2245	-22	318	17	279	22	1.49
06/22/2023 2300	-24	321	14	281	22	1.27
06/22/2023 2315	-26	324	11	283	22	1.06

06/22/2023 2330	-28	328	8	284	22	0.87
06/22/2023 2345	-30	331	5	286	22	0.71
06/23/2023 0000	-31	335	2	288	22	0.59
06/23/2023 0015	-32	339	-1	290	22	0.52
06/23/2023 0030	-33	343	-4	292	22	0.5
06/23/2023 0045	-34	347	-7	294	22	0.5
06/23/2023 0100	-35	351	-10	296	22	0.5
06/23/2023 0115	-35	355	-13	298	22	0.5
06/23/2023 0130	-35	359	-16	300	23	0.5
06/23/2023 0145	-35	3	-18	302	23	0.5
06/23/2023 0200	-35	7	-21	305	23	0.5
06/23/2023 0215	-35	12	-23	307	23	0.5
06/23/2023 0230	-34	16	-26	310	23	0.5
06/23/2023 0245	-33	20	-28	313	23	0.5
06/23/2023 0300	-32	23	-30	316	23	0.5
06/23/2023 0315	-30	27	-33	319	23	0.5
06/23/2023 0330	-29	31	-35	322	23	0.5
06/23/2023 0345	-27	34	-36	326	23	0.5
06/23/2023 0400	-25	37	-38	330	23	0.5
06/23/2023 0415	-23	40	-40	334	23	0.5
06/23/2023 0430	-21	43	-41	338	24	0.5
06/23/2023 0445	-19	46	-42	342	24	1.08
06/23/2023 0500	-16	49	-43	347	24	1.4
06/23/2023 0515	-14	51	-43	352	24	2.93
06/23/2023 0530	-11	53	-44	356	24	13.45
06/23/2023 0545	-9	56	-44	1	24	147.61
06/23/2023 0600	-6	58	-44	6	24	2998.06
06/23/2023 0615	-3	60	-43	11	24	56859.76
06/23/2023 0630	0	62	-43	16	24	758234.44
06/23/2023 0645	3	64	-42	20	24	2403560.47
06/23/2023 0700	5	66	-41	24	24	5136560.92
06/23/2023 0715	8	68	-39	29	24	8577518.23
06/23/2023 0730	11	69	-38	33	25	12677804.03
06/23/2023 0745	14	71	-36	36	25	17331452.75
06/23/2023 0800	17	73	-34	40	25	22390373.19
06/23/2023 0815	20	74	-32	43	25	27867830.87
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06/23/2023 0845	27	77	-28	50	25	39925776.97
06/23/2023 0900	30	79	-25	53	25	46268113.57
06/23/2023 0915	33	81	-23	55	25	52743026.45
06/23/2023 0930	36	82	-20	58	25	59144043.34
06/23/2023 0945	39	84	-18	60	25	65206770.23
06/23/2023 1000	42	85	-15	63	25	71010520.75
06/23/2023 1015	46	87	-12	65	25	76904906.33
06/23/2023 1030	49	89	-10	67	26	82942366.92
06/23/2023 1045	52	91	-7	69	26	88790242.67
06/23/2023 1100	55	93	-4	71	26	94287615.62

06/23/2023 1115	58	95	-1	73	26	99468812.23
06/23/2023 1130	62	98	2	75	26	103927536.2
06/23/2023 1145	65	101	5	77	26	107271669.9
06/23/2023 1200	68	104	8	79	26	110323809.5
06/23/2023 1215	71	109	11	80	26	113890047.8
06/23/2023 1230	74	115	14	82	26	116664567.9
06/23/2023 1245	77	122	17	84	26	117876915.9
06/23/2023 1300	79	134	21	86	26	119533739.6
06/23/2023 1315	81	151	24	88	26	121463966
06/23/2023 1330	82	174	27	90	27	122081557.7
06/23/2023 1345	82	199	30	92	27	121908266.6
06/23/2023 1400	80	219	33	94	27	120572678.9
06/23/2023 1415	78	233	36	96	27	118516381.6
06/23/2023 1430	75	242	39	98	27	117342900.2
06/23/2023 1445	72	249	42	100	27	115438453.7
06/23/2023 1500	69	254	45	103	27	111996552.3
06/23/2023 1515	66	257	48	106	27	108681344.3
06/23/2023 1530	63	261	51	109	27	105646668.9
06/23/2023 1545	60	263	54	112	27	101732750.4
06/23/2023 1600	57	266	57	116	27	96814267.28
06/23/2023 1615	54	268	60	120	28	91456553.27
06/23/2023 1630	50	270	63	126	28	85781058.52
06/23/2023 1645	47	272	65	132	28	79789498.72
06/23/2023 1700	44	274	67	139	28	73800248.94
06/23/2023 1715	41	275	69	147	28	67991024.59
06/23/2023 1730	38	277	71	156	28	62089349.02
06/23/2023 1745	34	279	71	167	28	55830140.49
06/23/2023 1800	31	280	72	179	28	49351875.63
06/23/2023 1815	28	282	72	190	28	42934429.77
06/23/2023 1830	25	283	71	201	28	36679254.1
06/23/2023 1845	22	285	69	210	28	30636202.98
06/23/2023 1900	19	287	67	219	29	24949660.68
06/23/2023 1915	16	288	65	226	29	19697943.31
06/23/2023 1930	13	290	63	232	29	14841709.18
06/23/2023 1945	10	292	60	237	29	10453292.01
06/23/2023 2000	7	293	57	242	29	6696587.81
06/23/2023 2015	4	295	55	246	29	3602303.58
06/23/2023 2030	1	297	52	249	29	1382088.12
06/23/2023 2045	-2	299	49	252	29	184642.44
06/23/2023 2100	-5	301	46	255	29	12885.5
06/23/2023 2115	-8	303	42	257	29	599.5
06/23/2023 2130	-10	305	39	260	29	42.87
06/23/2023 2145	-13	308	36	262	30	10
06/23/2023 2200	-15	310	33	264	30	5.93
06/23/2023 2215	-18	313	30	266	30	4.81
06/23/2023 2230	-20	315	27	268	30	4.16
06/23/2023 2245	-22	318	24	270	30	3.16

06/23/2023 2300	-24	321	20	272	30	2.7
06/23/2023 2315	-26	324	17	273	30	2.27
06/23/2023 2330	-28	328	14	275	30	1.86
06/23/2023 2345	-30	331	11	277	30	1.48
06/24/2023 0000	-31	335	8	279	30	1.15
06/24/2023 0015	-32	339	5	281	30	0.87
06/24/2023 0030	-33	342	2	282	31	0.65
06/24/2023 0045	-34	346	-2	284	31	0.52
06/24/2023 0100	-35	351	-5	286	31	0.5
06/24/2023 0115	-35	355	-8	288	31	0.5
06/24/2023 0130	-36	359	-11	290	31	0.5
06/24/2023 0145	-35	3	-14	292	31	0.5
06/24/2023 0200	-35	7	-16	294	31	0.5
06/24/2023 0215	-35	12	-19	296	31	0.5
06/24/2023 0230	-34	16	-22	299	31	0.5
06/24/2023 0245	-33	20	-25	301	31	0.5
06/24/2023 0300	-32	23	-27	304	31	0.5
06/24/2023 0315	-30	27	-30	307	32	0.5
06/24/2023 0330	-29	31	-32	310	32	0.5
06/24/2023 0345	-27	34	-35	313	32	0.5
06/24/2023 0400	-25	37	-37	316	32	0.5
06/24/2023 0415	-23	40	-39	320	32	0.5
06/24/2023 0430	-21	43	-41	324	32	0.5
06/24/2023 0445	-19	46	-43	328	32	1.08
06/24/2023 0500	-16	49	-45	332	32	1.39
06/24/2023 0515	-14	51	-46	337	32	2.88
06/24/2023 0530	-11	53	-47	342	32	12.97
06/24/2023 0545	-9	56	-48	347	32	140.3
06/24/2023 0600	-6	58	-49	352	33	2834.62
06/24/2023 0615	-3	60	-49	357	33	54216.34
06/24/2023 0630	0	62	-49	3	33	740313.76
06/24/2023 0645	3	64	-49	8	33	2364026.78
06/24/2023 0700	5	66	-48	13	33	5082617.3
06/24/2023 0715	8	67	-47	19	33	8512725.24
06/24/2023 0730	11	69	-46	23	33	12602543.44
06/24/2023 0745	14	71	-45	28	33	17248887.61
06/24/2023 0800	17	73	-44	33	33	22301733.62
06/24/2023 0815	20	74	-42	37	33	27772266.08
06/24/2023 0830	23	76	-40	41	33	33658549.09
06/24/2023 0845	26	77	-38	45	34	39821790.99
06/24/2023 0900	30	79	-36	48	34	46161840.28
06/24/2023 0915	33	81	-33	51	34	52636013.28
06/24/2023 0930	36	82	-31	54	34	59041136.81
06/24/2023 0945	39	84	-28	57	34	65110321.46
06/24/2023 1000	42	85	-26	60	34	70915698.42
06/24/2023 1015	46	87	-23	63	34	76806864.17
06/24/2023 1030	49	89	-20	65	34	82844311.82

06/24/2023 1045	52	91	-17	67	34	88697668.23
06/24/2023 1100	55	93	-15	70	34	94199988.64
06/24/2023 1115	58	95	-12	72	34	99387738.44
06/24/2023 1130	62	98	-9	74	35	103863266.8
06/24/2023 1145	65	101	-6	76	35	107222354.6
06/24/2023 1200	68	104	-3	78	35	110267834.2
06/24/2023 1215	71	109	1	80	35	113829551.4
06/24/2023 1230	74	115	4	82	35	116632222.8
06/24/2023 1245	77	122	7	84	35	117857042
06/24/2023 1300	79	134	10	86	35	119490084.6
06/24/2023 1315	81	150	13	87	35	121431595.2
06/24/2023 1330	82	173	16	89	35	122072641.1
06/24/2023 1345	82	199	19	91	35	121906833.2
06/24/2023 1400	80	219	22	93	36	120586977.7
06/24/2023 1415	78	233	25	95	36	118532057.8
06/24/2023 1430	75	242	28	97	36	117354634.7
06/24/2023 1445	72	248	31	100	36	115470710.2
06/24/2023 1500	69	253	34	102	36	112038890.9
06/24/2023 1515	66	257	37	104	36	108716974.8
06/24/2023 1530	63	261	40	107	36	105686660.9
06/24/2023 1545	60	263	43	110	36	101787415.4
06/24/2023 1600	57	266	46	113	36	96877773.16
06/24/2023 1615	54	268	49	116	36	91523727.16
06/24/2023 1630	50	270	52	120	36	85852696.75
06/24/2023 1645	47	272	54	124	37	79863401.04
06/24/2023 1700	44	274	57	129	37	73871910.46
06/24/2023 1715	41	275	59	135	37	68061180.51
06/24/2023 1730	38	277	61	141	37	62162516.5
06/24/2023 1745	34	279	63	147	37	55907103.02
06/24/2023 1800	31	280	65	155	37	49429068.34
06/24/2023 1815	28	282	66	163	37	43009326.41
06/24/2023 1830	25	283	66	172	37	36751466.1
06/24/2023 1845	22	285	66	181	37	30704522.2
06/24/2023 1900	19	287	66	191	37	25012372.02
06/24/2023 1915	16	288	65	199	38	19755147.55
06/24/2023 1930	13	290	64	207	38	14893707.45
06/24/2023 1945	10	292	62	214	38	10498353.57
06/24/2023 2000	7	293	60	221	38	6733687.67
06/24/2023 2015	4	295	58	226	38	3631395.19
06/24/2023 2030	1	297	56	231	38	1398962.34
06/24/2023 2045	-2	299	53	236	38	188943.08
06/24/2023 2100	-5	301	50	240	38	13275.07
06/24/2023 2115	-8	303	47	243	38	621.44
06/24/2023 2130	-10	305	45	247	38	47.89
06/24/2023 2145	-13	308	42	249	39	14.07
06/24/2023 2200	-15	310	39	252	39	9.76
06/24/2023 2215	-18	313	35	255	39	8.41

06/24/2023 2230	-20	315	32	257	39	7.49
06/24/2023 2245	-22	318	29	259	39	6.2
06/24/2023 2300	-24	321	26	261	39	5.43
06/24/2023 2315	-26	324	23	263	39	4.67
06/24/2023 2330	-28	328	20	265	39	3.93
06/24/2023 2345	-30	331	17	267	39	3.24
06/25/2023 0000	-31	335	14	269	39	2.59
06/25/2023 0015	-32	338	10	271	39	1.98
06/25/2023 0030	-33	342	7	273	40	1.45
06/25/2023 0045	-34	346	4	275	40	1.01
06/25/2023 0100	-35	351	1	276	40	0.69
06/25/2023 0115	-35	355	-2	278	40	0.52
06/25/2023 0130	-36	359	-5	280	40	0.5
06/25/2023 0145	-35	3	-8	282	40	0.5
06/25/2023 0200	-35	7	-12	284	40	0.5
06/25/2023 0215	-35	11	-15	286	40	0.5
06/25/2023 0230	-34	16	-18	288	40	0.5
06/25/2023 0245	-33	19	-21	290	40	0.5
06/25/2023 0300	-32	23	-23	292	41	0.5
06/25/2023 0315	-30	27	-26	295	41	0.5
06/25/2023 0330	-29	31	-29	297	41	0.5
06/25/2023 0345	-27	34	-32	300	41	0.5
06/25/2023 0400	-25	37	-35	303	41	0.5
06/25/2023 0415	-23	40	-37	306	41	0.5
06/25/2023 0430	-21	43	-40	309	41	0.5
06/25/2023 0445	-19	46	-42	313	41	1.08
06/25/2023 0500	-17	49	-44	317	41	1.38
06/25/2023 0515	-14	51	-46	321	41	2.81
06/25/2023 0530	-12	53	-48	325	42	12.47
06/25/2023 0545	-9	56	-50	330	42	132.81
06/25/2023 0600	-6	58	-51	336	42	2668.22
06/25/2023 0615	-3	60	-53	341	42	51499.02
06/25/2023 0630	0	62	-54	347	42	721477.15
06/25/2023 0645	2	64	-54	353	42	2322224.67
06/25/2023 0700	5	66	-54	359	42	5025455.77
06/25/2023 0715	8	67	-54	5	42	8444223.04
06/25/2023 0730	11	69	-54	11	42	12523114.7
06/25/2023 0745	14	71	-53	17	42	17161892.6
06/25/2023 0800	17	73	-52	23	43	22208554.98
06/25/2023 0815	20	74	-51	28	43	27672015.06
06/25/2023 0830	23	76	-49	33	43	33552692.95
06/25/2023 0845	26	77	-48	38	43	39713025.32
06/25/2023 0900	30	79	-46	42	43	46050858.47
06/25/2023 0915	33	81	-44	47	43	52524361.27
06/25/2023 0930	36	82	-41	50	43	58933817.3
06/25/2023 0945	39	84	-39	54	43	65009862.47
06/25/2023 1000	42	85	-36	57	43	70817136.86



06/25/2023 1015	45	87	-34	60	43	76705041.31
06/25/2023 1030	49	89	-31	63	44	82742401.72
06/25/2023 1045	52	91	-28	66	44	88601405.75
06/25/2023 1100	55	93	-26	68	44	94108866.46
06/25/2023 1115	58	95	-23	71	44	99303230.26
06/25/2023 1130	61	98	-20	73	44	103795968.8
06/25/2023 1145	65	101	-17	75	44	107170772
06/25/2023 1200	68	104	-14	77	44	110209426
06/25/2023 1215	71	109	-11	79	44	113765590.4
06/25/2023 1230	74	115	-8	81	44	116597213.9
06/25/2023 1245	77	122	-5	83	44	117835943.8
06/25/2023 1300	79	133	-2	85	45	119442441.6
06/25/2023 1315	81	150	2	87	45	121393631.2
06/25/2023 1330	82	173	5	89	45	122060598.9
06/25/2023 1345	82	198	8	91	45	121901406
06/25/2023 1400	80	218	11	93	45	120595068.8
06/25/2023 1415	78	232	14	95	45	118544510.1
06/25/2023 1430	75	242	17	97	45	117364579
06/25/2023 1445	72	248	20	99	45	115499029.1
06/25/2023 1500	69	253	23	101	45	112077061
06/25/2023 1515	66	257	26	104	45	108749475.8
06/25/2023 1530	63	260	29	106	46	105723205.2
06/25/2023 1545	60	263	32	108	46	101837619.7
06/25/2023 1600	57	266	35	111	46	96936361.03
06/25/2023 1615	54	268	38	114	46	91585794.7
06/25/2023 1630	50	270	41	117	46	85918911.5
06/25/2023 1645	47	272	43	120	46	79931735.92
06/25/2023 1700	44	274	46	124	46	73938137.95
06/25/2023 1715	41	275	49	128	46	68125877.23
06/25/2023 1730	38	277	51	132	46	62229815.57
06/25/2023 1745	34	279	53	137	46	55977741.68
06/25/2023 1800	31	280	55	143	47	49499749.62
06/25/2023 1815	28	282	57	148	47	43077681.76
06/25/2023 1830	25	283	58	155	47	36817117.77
06/25/2023 1845	22	285	59	161	47	30766378.88
06/25/2023 1900	19	287	60	169	47	25068878.61
06/25/2023 1915	16	288	61	176	47	19806395.33
06/25/2023 1930	13	290	61	184	47	14940002.47
06/25/2023 1945	10	292	60	191	47	10538205.54
06/25/2023 2000	7	293	59	198	47	6766235.23
06/25/2023 2015	4	295	58	205	47	3656701.97
06/25/2023 2030	1	297	56	211	48	1413551.66
06/25/2023 2045	-2	299	55	217	48	192650.81
06/25/2023 2100	-5	301	53	222	48	13610.47
06/25/2023 2115	-7	303	50	227	48	642.18
06/25/2023 2130	-10	305	48	231	48	54.42
06/25/2023 2145	-13	308	45	235	48	19.75

06/25/2023 2200	-15	310	43	238	48	15.17
06/25/2023 2215	-18	313	40	242	48	13.63
06/25/2023 2230	-20	315	37	245	48	12.5
06/25/2023 2245	-22	318	34	247	48	10.94
06/25/2023 2300	-24	321	31	250	49	9.83
06/25/2023 2315	-26	324	28	252	49	8.7
06/25/2023 2330	-28	328	25	255	49	7.57
06/25/2023 2345	-30	331	22	257	49	6.45
06/26/2023 0000	-31	335	19	259	49	5.37
06/26/2023 0015	-32	338	16	261	49	4.35
06/26/2023 0030	-33	342	13	263	49	3.39
06/26/2023 0045	-34	346	10	265	49	2.51
06/26/2023 0100	-35	350	6	267	49	1.74
06/26/2023 0115	-35	355	3	268	49	1.11
06/26/2023 0130	-36	359	0	270	50	0.69
06/26/2023 0145	-36	3	-3	272	50	0.51
06/26/2023 0200	-35	7	-6	274	50	0.5
06/26/2023 0215	-35	11	-9	276	50	0.5
06/26/2023 0230	-34	15	-13	278	50	0.5
06/26/2023 0245	-33	19	-16	280	50	0.5
06/26/2023 0300	-32	23	-19	282	50	0.5
06/26/2023 0315	-30	27	-22	284	50	0.5
06/26/2023 0330	-29	31	-25	286	50	0.5
06/26/2023 0345	-27	34	-28	288	50	0.5
06/26/2023 0400	-25	37	-31	291	51	0.5
06/26/2023 0415	-23	40	-34	293	51	0.5
06/26/2023 0430	-21	43	-37	296	51	0.5
06/26/2023 0445	-19	46	-39	299	51	1.07
06/26/2023 0500	-17	49	-42	302	51	1.37
06/26/2023 0515	-14	51	-45	305	51	2.75
06/26/2023 0530	-12	53	-47	309	51	11.97
06/26/2023 0545	-9	56	-50	313	51	125.25
06/26/2023 0600	-6	58	-52	318	51	2500.65
06/26/2023 0615	-4	60	-54	322	52	48732.45
06/26/2023 0630	0	62	-56	328	52	701810.28
06/26/2023 0645	2	64	-57	334	52	2278289.87
06/26/2023 0700	5	66	-58	340	52	4965197.72
06/26/2023 0715	8	67	-59	347	52	8372146.87
06/26/2023 0730	11	69	-60	354	52	12439662.98
06/26/2023 0745	14	71	-60	1	52	17070613.34
06/26/2023 0800	17	73	-60	8	52	22110992.38
06/26/2023 0815	20	74	-59	15	52	27567244.59
06/26/2023 0830	23	76	-58	22	52	33442201.95
06/26/2023 0845	26	77	-57	28	53	39599647.81
06/26/2023 0900	30	79	-56	34	53	45935339.13
06/26/2023 0915	33	81	-54	40	53	52408236.26
06/26/2023 0930	36	82	-52	45	53	58822232.78

06/26/2023 0945	39	84	-50	49	53	64905531.23
06/26/2023 1000	42	86	-47	53	53	70714984.7
06/26/2023 1015	45	87	-45	57	53	76599596.26
06/26/2023 1030	49	89	-42	60	53	82636783.31
06/26/2023 1045	52	91	-39	64	53	88501585.14
06/26/2023 1100	55	93	-37	67	53	94014375.2
06/26/2023 1115	58	95	-34	69	54	99215393.18
06/26/2023 1130	61	98	-31	72	54	103725697.5
06/26/2023 1145	65	101	-28	74	54	107116976.2
06/26/2023 1200	68	104	-25	77	54	110148703.9
06/26/2023 1215	71	109	-22	79	54	113698241.5
06/26/2023 1230	74	115	-19	81	54	116559473.9
06/26/2023 1245	77	122	-16	83	54	117813697.2
06/26/2023 1300	79	133	-13	85	54	119391054.4
06/26/2023 1315	81	150	-10	87	54	121349923
06/26/2023 1330	82	173	-7	89	54	122045123.3
06/26/2023 1345	82	198	-4	91	55	121891865.5
06/26/2023 1400	80	218	0	93	55	120596861.8
06/26/2023 1415	78	232	3	95	55	118553591.1
06/26/2023 1430	75	241	6	97	55	117372724
06/26/2023 1445	73	248	9	99	55	115523373.9
06/26/2023 1500	69	253	12	101	55	112110920.7
06/26/2023 1515	66	257	15	103	55	108778734.4
06/26/2023 1530	63	260	18	105	55	105756232.2
06/26/2023 1545	60	263	21	107	55	101883261
06/26/2023 1600	57	266	24	110	56	96989889.17
06/26/2023 1615	54	268	27	112	56	91642608.42
06/26/2023 1630	50	270	29	115	56	85979550.32
06/26/2023 1645	47	272	32	118	56	79994337.17
06/26/2023 1700	44	274	35	120	56	73998766.65
06/26/2023 1715	41	275	38	124	56	68184966.14
06/26/2023 1730	38	277	40	127	56	62291102.57
06/26/2023 1745	34	279	42	131	56	56041900.42
06/26/2023 1800	31	280	45	135	56	49563753.9
06/26/2023 1815	28	282	47	139	56	43139333.46
06/26/2023 1830	25	283	49	144	57	36876052.08
06/26/2023 1845	22	285	50	149	57	30821618.99
06/26/2023 1900	19	286	52	154	57	25119035.5
06/26/2023 1915	16	288	53	160	57	19851555.79
06/26/2023 1930	13	290	54	166	57	14980471.43
06/26/2023 1945	10	292	54	172	57	10572731.82
06/26/2023 2000	7	293	55	179	57	6794130.57
06/26/2023 2015	4	295	55	185	57	3678132.35
06/26/2023 2030	1	297	54	191	57	1425768.78
06/26/2023 2045	-2	299	53	197	57	195724.7
06/26/2023 2100	-5	301	52	203	58	13886.05
06/26/2023 2115	-7	303	51	208	58	661.08

06/26/2023 2130	-10	305	49	214	58	62.17
06/26/2023 2145	-13	308	47	218	58	26.96
06/26/2023 2200	-15	310	45	223	58	22.22
06/26/2023 2215	-18	313	43	227	58	20.51
06/26/2023 2230	-20	315	40	230	58	19.23
06/26/2023 2245	-22	318	38	234	58	17.5
06/26/2023 2300	-24	321	35	237	58	16.15
06/26/2023 2315	-26	324	32	240	58	14.69
06/26/2023 2330	-28	328	30	243	59	13.16
06/26/2023 2345	-30	331	27	245	59	11.61
06/27/2023 0000	-31	335	24	248	59	10.05
06/27/2023 0015	-32	338	21	250	59	8.51
06/27/2023 0030	-33	342	18	252	59	7.03
06/27/2023 0045	-34	346	15	254	59	5.62
06/27/2023 0100	-35	350	12	256	59	4.29
06/27/2023 0115	-35	355	9	258	59	3.08
06/27/2023 0130	-36	359	6	260	59	2.04
06/27/2023 0145	-36	3	3	262	60	1.2
06/27/2023 0200	-35	7	-1	264	60	0.63
06/27/2023 0215	-35	11	-4	266	60	0.51
06/27/2023 0230	-34	15	-7	268	60	0.5
06/27/2023 0245	-33	19	-10	269	60	0.5
06/27/2023 0300	-32	23	-13	271	60	0.5
06/27/2023 0315	-31	27	-16	273	60	0.5
06/27/2023 0330	-29	30	-20	275	60	0.5
06/27/2023 0345	-27	34	-23	277	60	0.5
06/27/2023 0400	-25	37	-26	279	60	0.5
06/27/2023 0415	-23	40	-29	281	61	0.5
06/27/2023 0430	-21	43	-32	283	61	0.5
06/27/2023 0445	-19	46	-35	285	61	1.07
06/27/2023 0500	-17	49	-38	288	61	1.35
06/27/2023 0515	-14	51	-41	291	61	2.68
06/27/2023 0530	-12	53	-44	293	61	11.45
06/27/2023 0545	-9	56	-47	297	61	117.67
06/27/2023 0600	-6	58	-49	300	61	2333.58
06/27/2023 0615	-4	60	-52	304	61	45940.29
06/27/2023 0630	-1	62	-55	308	61	464516.29
06/27/2023 0645	2	64	-57	313	62	2232360.23
06/27/2023 0700	5	66	-59	318	62	4901963.58
06/27/2023 0715	8	67	-61	324	62	8296629.55
06/27/2023 0730	11	69	-63	331	62	12352330.45
06/27/2023 0745	14	71	-64	338	62	16975191.25
06/27/2023 0800	17	73	-65	346	62	22009195.62
06/27/2023 0815	20	74	-66	355	62	27458115.58
06/27/2023 0830	23	76	-66	3	62	33327238.03
06/27/2023 0845	26	77	-66	12	62	39481818.86
06/27/2023 0900	29	79	-65	20	62	45815445.17

06/27/2023 0915	33	81	-64	28	63	52287795.87
06/27/2023 0930	36	82	-62	35	63	58706522.9
06/27/2023 0945	39	84	-60	41	63	64797456.88
06/27/2023 1000	42	86	-58	47	63	70609381.08
06/27/2023 1015	45	87	-56	52	63	76490677.87
06/27/2023 1030	49	89	-53	57	63	82527593.56
06/27/2023 1045	52	91	-51	61	63	88398326.16
06/27/2023 1100	55	93	-48	64	63	93916630.79
06/27/2023 1115	58	95	-45	67	63	99124323.81
06/27/2023 1130	61	98	-42	70	63	103652500.7
06/27/2023 1145	65	101	-40	73	64	107061012.9
06/27/2023 1200	68	105	-37	76	64	110085778.5
06/27/2023 1215	71	109	-34	78	64	113627575.9
06/27/2023 1230	74	115	-31	80	64	116518926
06/27/2023 1245	77	122	-28	83	64	117790365.2
06/27/2023 1300	79	133	-25	85	64	119336176.5
06/27/2023 1315	81	150	-21	87	64	121300310.9
06/27/2023 1330	82	172	-18	89	64	122025838.4
06/27/2023 1345	82	197	-15	91	64	121878025.1
06/27/2023 1400	80	218	-12	93	65	120592264.8
06/27/2023 1415	78	232	-9	95	65	118559174.8
06/27/2023 1430	75	241	-6	96	65	117379055.9
06/27/2023 1445	73	248	-3	98	65	115543704.2
06/27/2023 1500	70	253	0	100	65	112140332.9
06/27/2023 1515	66	257	3	102	65	108804639.6
06/27/2023 1530	63	260	6	104	65	105785672.3
06/27/2023 1545	60	263	9	106	65	101924239.8
06/27/2023 1600	57	266	12	108	65	97038220.56
06/27/2023 1615	54	268	15	111	65	91694025.51
06/27/2023 1630	50	270	18	113	66	86034465.68
06/27/2023 1645	47	272	21	115	66	80051044.17
06/27/2023 1700	44	273	23	118	66	74053637.32
06/27/2023 1715	41	275	26	120	66	68238303.79
06/27/2023 1730	38	277	29	123	66	62346239.92
06/27/2023 1745	34	278	31	126	66	56099431.18
06/27/2023 1800	31	280	34	129	66	49620925.09
06/27/2023 1815	28	282	36	133	66	43194129.1
06/27/2023 1830	25	283	38	136	66	36928122.2
06/27/2023 1845	22	285	40	140	66	30870098.91
06/27/2023 1900	19	286	42	144	67	25162707.8
06/27/2023 1915	16	288	44	149	67	19890507.42
06/27/2023 1930	13	290	45	153	67	15015000.82
06/27/2023 1945	10	291	47	158	67	10601825.69
06/27/2023 2000	7	293	47	164	67	6817282.28
06/27/2023 2015	4	295	48	169	67	3695603.92
06/27/2023 2030	1	297	49	174	67	1435536.94
06/27/2023 2045	-2	299	49	180	67	198129.02

06/27/2023 2100	-5	301	48	185	67	14096.48
06/27/2023 2115	-7	303	48	191	67	677.1
06/27/2023 2130	-10	305	47	196	68	70.4
06/27/2023 2145	-13	308	46	201	68	35.09
06/27/2023 2200	-15	310	45	206	68	30.49
06/27/2023 2215	-18	313	43	210	68	28.85
06/27/2023 2230	-20	315	42	215	68	27.56
06/27/2023 2245	-22	318	40	219	68	25.79
06/27/2023 2300	-24	321	38	222	68	24.37
06/27/2023 2315	-26	324	35	226	68	22.77
06/27/2023 2330	-28	327	33	229	68	20.98
06/27/2023 2345	-30	331	30	232	68	19.08
06/28/2023 0000	-31	335	28	235	69	17.1
06/28/2023 0015	-32	338	25	238	69	15.08
06/28/2023 0030	-33	342	22	241	69	13.03
06/28/2023 0045	-34	346	20	243	69	11.01
06/28/2023 0100	-35	350	17	245	69	9.06
06/28/2023 0115	-35	354	14	247	69	7.2
06/28/2023 0130	-36	359	11	250	69	5.43
06/28/2023 0145	-36	3	8	252	69	3.83
06/28/2023 0200	-35	7	5	254	69	2.45
06/28/2023 0215	-35	11	2	255	69	1.35
06/28/2023 0230	-34	15	-1	257	70	0.65
06/28/2023 0245	-33	19	-4	259	70	0.51
06/28/2023 0300	-32	23	-7	261	70	0.5
06/28/2023 0315	-31	27	-10	263	70	0.5
06/28/2023 0330	-29	30	-14	264	70	0.5
06/28/2023 0345	-27	34	-17	266	70	0.5
06/28/2023 0400	-25	37	-20	268	70	0.5
06/28/2023 0415	-23	40	-23	270	70	0.5
06/28/2023 0430	-21	43	-26	272	70	0.5
06/28/2023 0445	-19	46	-29	273	70	1.06
06/28/2023 0500	-17	49	-32	275	71	1.34
06/28/2023 0515	-14	51	-35	277	71	2.61
06/28/2023 0530	-12	53	-38	280	71	10.92
06/28/2023 0545	-9	56	-41	282	71	110.16
06/28/2023 0600	-6	58	-45	284	71	2168.56
06/28/2023 0615	-4	60	-48	287	71	43145
06/28/2023 0630	-1	62	-50	290	71	445258.52
06/28/2023 0645	2	64	-53	293	71	2184575.7
06/28/2023 0700	5	66	-56	297	71	4835873
06/28/2023 0715	8	68	-59	301	71	8217801.46
06/28/2023 0730	11	69	-62	306	71	12261256.34
06/28/2023 0745	14	71	-64	311	72	16875763.65
06/28/2023 0800	17	73	-66	317	72	21903309.31
06/28/2023 0815	20	74	-68	325	72	27344783.16
06/28/2023 0830	23	76	-70	334	72	33207956.76



06/28/2023 0845	26	77	-71	343	72	39359691.65
06/28/2023 0900	29	79	-72	354	72	45691331.66
06/28/2023 0915	33	81	-72	5	72	52163189.8
06/28/2023 0930	36	82	-71	16	72	58586819.24
06/28/2023 0945	39	84	-70	26	72	64685759.91
06/28/2023 1000	42	86	-69	35	72	70500455.93
06/28/2023 1015	45	87	-67	43	73	76378425.54
06/28/2023 1030	49	89	-65	50	73	82414959.99
06/28/2023 1045	52	91	-62	55	73	88291738.72
06/28/2023 1100	55	93	-60	60	73	93815739.16
06/28/2023 1115	58	95	-57	64	73	99030109.96
06/28/2023 1130	61	98	-54	68	73	103576418.1
06/28/2023 1145	64	101	-51	71	73	107002918.7
06/28/2023 1200	68	105	-48	74	73	110020751.9
06/28/2023 1215	71	109	-45	77	73	113553660.2
06/28/2023 1230	74	115	-42	80	73	116475484.9
06/28/2023 1245	77	122	-39	82	74	117765998.1
06/28/2023 1300	79	133	-36	84	74	119278074
06/28/2023 1315	81	150	-33	86	74	121244637.1
06/28/2023 1330	82	172	-30	88	74	122002306.2
06/28/2023 1345	82	197	-27	90	74	121859630.4
06/28/2023 1400	80	217	-24	92	74	120581180
06/28/2023 1415	78	231	-21	94	74	118561153
06/28/2023 1430	75	241	-18	96	74	117383553.3
06/28/2023 1445	73	248	-15	98	74	115559973.3
06/28/2023 1500	70	253	-12	100	74	112165166
06/28/2023 1515	66	257	-9	101	74	108827085.7
06/28/2023 1530	63	260	-6	103	75	105811458.2
06/28/2023 1545	60	263	-3	105	75	101960459.9
06/28/2023 1600	57	265	0	107	75	97081223.25
06/28/2023 1615	54	268	3	109	75	91739908.6
06/28/2023 1630	50	270	6	111	75	86083516.56
06/28/2023 1645	47	272	9	113	75	80101704.46
06/28/2023 1700	44	273	12	115	75	74102599.11
06/28/2023 1715	41	275	14	118	75	68285754.05
06/28/2023 1730	38	277	17	120	75	62395096.58
06/28/2023 1745	35	278	20	122	75	56150192.88
06/28/2023 1800	31	280	22	125	76	49671114.54
06/28/2023 1815	28	282	25	128	76	43241923.84
06/28/2023 1830	25	283	27	131	76	36973189.38
06/28/2023 1845	22	285	29	134	76	30911684.17
06/28/2023 1900	19	286	31	137	76	25199770.25
06/28/2023 1915	16	288	33	140	76	19923138.16
06/28/2023 1930	13	290	35	144	76	15043486.9
06/28/2023 1945	10	291	37	148	76	10625390.59
06/28/2023 2000	7	293	39	152	76	6835608.25
06/28/2023 2015	4	295	40	156	76	3709043.93



06/28/2023 2030	1	297	41	161	76	1442790.7
06/28/2023 2045	-2	299	42	165	77	199834.03
06/28/2023 2100	-5	301	42	170	77	14236.98
06/28/2023 2115	-7	303	43	175	77	688.9
06/28/2023 2130	-10	305	43	180	77	78.05
06/28/2023 2145	-13	307	43	184	77	43.2
06/28/2023 2200	-15	310	42	189	77	39.13
06/28/2023 2215	-18	312	42	194	77	37.94
06/28/2023 2230	-20	315	41	198	77	37
06/28/2023 2245	-22	318	40	203	77	35.49
06/28/2023 2300	-24	321	38	207	77	34.25
06/28/2023 2315	-26	324	37	211	77	32.76
06/28/2023 2330	-28	327	35	215	78	31.02
06/28/2023 2345	-30	331	33	218	78	29.03
06/29/2023 0000	-31	334	31	222	78	26.84
06/29/2023 0015	-32	338	29	225	78	24.51
06/29/2023 0030	-34	342	26	228	78	22.07
06/29/2023 0045	-34	346	24	231	78	19.54
06/29/2023 0100	-35	350	22	233	78	16.97
06/29/2023 0115	-35	354	19	236	78	14.42
06/29/2023 0130	-36	359	16	238	78	11.93
06/29/2023 0145	-36	3	14	241	78	9.52
06/29/2023 0200	-35	7	11	243	79	7.21
06/29/2023 0215	-35	11	8	245	79	5.11
06/29/2023 0230	-34	15	5	247	79	3.28
06/29/2023 0245	-33	19	2	249	79	1.78
06/29/2023 0300	-32	23	-1	251	79	0.76
06/29/2023 0315	-31	27	-4	252	79	0.52
06/29/2023 0330	-29	30	-7	254	79	0.5
06/29/2023 0345	-27	34	-10	256	79	0.5
06/29/2023 0400	-26	37	-13	258	79	0.5
06/29/2023 0415	-24	40	-16	259	79	0.5
06/29/2023 0430	-21	43	-19	261	79	0.5
06/29/2023 0445	-19	46	-22	263	80	1.06
06/29/2023 0500	-17	49	-25	264	80	1.33
06/29/2023 0515	-14	51	-28	266	80	2.54
06/29/2023 0530	-12	53	-31	268	80	10.4
06/29/2023 0545	-9	56	-34	269	80	102.78
06/29/2023 0600	-6	58	-38	271	80	2006.92
06/29/2023 0615	-4	60	-41	273	80	40367.58
06/29/2023 0630	-1	62	-44	275	80	425671.53
06/29/2023 0645	2	64	-47	277	80	2135078.39
06/29/2023 0700	5	66	-50	280	80	4767045.06
06/29/2023 0715	8	68	-53	282	80	8135790.77
06/29/2023 0730	11	69	-56	285	80	12166577.34
06/29/2023 0745	14	71	-59	288	81	16772464.21
06/29/2023 0800	17	73	-62	292	81	21793473.32

06/29/2023 0815	20	74	-65	296	81	27227397.19
06/29/2023 0830	23	76	-67	301	81	33084507.88
06/29/2023 0845	26	77	-70	307	81	39233412.64
06/29/2023 0900	29	79	-72	314	81	45563146.38
06/29/2023 0915	32	81	-74	324	81	52034560.37
06/29/2023 0930	36	82	-76	336	81	58463245.92
06/29/2023 0945	39	84	-77	349	81	64570552.78
06/29/2023 1000	42	86	-77	4	81	70388330.42
06/29/2023 1015	45	87	-76	19	81	76262969.78
06/29/2023 1030	48	89	-75	32	82	82299001.19
06/29/2023 1045	52	91	-73	43	82	88181923.43
06/29/2023 1100	55	93	-71	51	82	93711796.78
06/29/2023 1115	58	96	-69	58	82	98932831.2
06/29/2023 1130	61	98	-66	64	82	103497482.6
06/29/2023 1145	64	101	-63	68	82	106942721.9
06/29/2023 1200	68	105	-61	72	82	109953717.4
06/29/2023 1215	71	109	-58	75	82	113476556.1
06/29/2023 1230	74	115	-55	78	82	116429056.7
06/29/2023 1245	76	122	-52	81	82	117740631.3
06/29/2023 1300	79	133	-49	83	82	119217025.6
06/29/2023 1315	81	150	-46	86	82	121182755.1
06/29/2023 1330	82	172	-43	88	83	121974034.8
06/29/2023 1345	82	197	-40	90	83	121836366.1
06/29/2023 1400	80	217	-36	92	83	120563508.9
06/29/2023 1415	78	231	-33	94	83	118559441.4
06/29/2023 1430	75	241	-30	95	83	117386187
06/29/2023 1445	73	248	-27	97	83	115572122.4
06/29/2023 1500	70	253	-24	99	83	112185286.1
06/29/2023 1515	66	257	-21	100	83	108845964.2
06/29/2023 1530	63	260	-18	102	83	105833518.4
06/29/2023 1545	60	263	-15	104	83	101991826.1
06/29/2023 1600	57	265	-12	106	83	97118771.39
06/29/2023 1615	54	268	-9	107	84	91780128.1
06/29/2023 1630	51	270	-7	109	84	86126570.21
06/29/2023 1645	47	271	-4	111	84	80146174.53
06/29/2023 1700	44	273	-1	113	84	74145509.76
06/29/2023 1715	41	275	2	115	84	68327188.49
06/29/2023 1730	38	277	5	117	84	62437549.44
06/29/2023 1745	35	278	8	119	84	56194053.88
06/29/2023 1800	31	280	10	121	84	49714184.31
06/29/2023 1815	28	281	13	123	84	43282583.47
06/29/2023 1830	25	283	15	126	84	37011124.91
06/29/2023 1845	22	285	18	128	84	30946249.8
06/29/2023 1900	19	286	20	131	84	25230106.1
06/29/2023 1915	16	288	22	134	85	19949343.25
06/29/2023 1930	13	290	25	137	85	15065833.05
06/29/2023 1945	10	291	27	140	85	10643337.65

06/29/2023 2000	7	293	29	143	85	6849033.79
06/29/2023 2015	4	295	30	146	85	3718388.03
06/29/2023 2030	1	297	32	150	85	1447475.52
06/29/2023 2045	-2	299	33	153	85	200816.21
06/29/2023 2100	-5	301	35	157	85	14303.5
06/29/2023 2115	-7	303	36	161	85	694.95
06/29/2023 2130	-10	305	37	165	85	83.78
06/29/2023 2145	-13	307	37	170	85	49.99
06/29/2023 2200	-15	310	38	174	85	46.93
06/29/2023 2215	-18	312	38	178	85	46.65
06/29/2023 2230	-20	315	38	182	86	46.54
06/29/2023 2245	-22	318	37	187	86	45.76
06/29/2023 2300	-24	321	37	191	86	45.16
06/29/2023 2315	-26	324	36	195	86	44.23
06/29/2023 2330	-28	327	35	199	86	42.95
06/29/2023 2345	-30	331	34	203	86	41.34
06/30/2023 0000	-31	334	33	207	86	39.41
06/30/2023 0015	-32	338	31	210	86	37.18
06/30/2023 0030	-34	342	29	214	86	34.7
06/30/2023 0045	-34	346	28	217	86	32
06/30/2023 0100	-35	350	26	220	86	29.11
06/30/2023 0115	-36	354	23	223	86	26.07
06/30/2023 0130	-36	359	21	226	87	22.93
06/30/2023 0145	-36	3	19	229	87	19.76
06/30/2023 0200	-35	7	16	231	87	16.63
06/30/2023 0215	-35	11	14	233	87	13.55
06/30/2023 0230	-34	15	11	236	87	10.55
06/30/2023 0245	-33	19	9	238	87	7.74
06/30/2023 0300	-32	23	6	240	87	5.23
06/30/2023 0315	-31	27	4	242	87	3.06
06/30/2023 0330	-29	30	1	244	87	1.48
06/30/2023 0345	-27	34	-2	246	87	0.62
06/30/2023 0400	-26	37	-5	247	87	0.51
06/30/2023 0415	-24	40	-8	249	87	0.5
06/30/2023 0430	-21	43	-11	251	87	0.5
06/30/2023 0445	-19	46	-14	252	88	1.05
06/30/2023 0500	-17	49	-17	254	88	1.31
06/30/2023 0515	-14	51	-20	256	88	2.47
06/30/2023 0530	-12	53	-23	257	88	9.88
06/30/2023 0545	-9	56	-26	259	88	95.57
06/30/2023 0600	-7	58	-29	260	88	1849.87
06/30/2023 0615	-4	60	-32	262	88	37627.45
06/30/2023 0630	-1	62	-35	263	88	405859.57
06/30/2023 0645	2	64	-38	265	88	2084012.65
06/30/2023 0700	5	66	-41	267	88	4695598.61
06/30/2023 0715	8	68	-44	268	88	8050723.71
06/30/2023 0730	11	69	-47	270	88	12068427.95

06/30/2023 0745	14	71	-50	272	88	16665423.45
06/30/2023 0800	17	73	-53	274	89	21679823.27
06/30/2023 0815	20	74	-56	276	89	27106102.82
06/30/2023 0830	23	76	-60	278	89	32957035.97
06/30/2023 0845	26	78	-63	281	89	39103122.34
06/30/2023 0900	29	79	-66	284	89	45431030.55
06/30/2023 0915	32	81	-68	288	89	51902043.3
06/30/2023 0930	36	82	-71	293	89	58335920.36
06/30/2023 0945	39	84	-74	299	89	64451940.6
06/30/2023 1000	42	86	-77	307	89	70273117.68
06/30/2023 1015	45	87	-79	318	89	76144432.91
06/30/2023 1030	48	89	-81	334	89	82179827.66
06/30/2023 1045	52	91	-82	355	89	88068972.26
06/30/2023 1100	55	93	-81	17	89	93604891.27
06/30/2023 1115	58	96	-80	36	89	98832559.43
06/30/2023 1130	61	98	-78	49	90	103415720
06/30/2023 1145	64	101	-76	59	90	106880442.4
06/30/2023 1200	67	105	-73	66	90	109884760.4
06/30/2023 1215	71	109	-70	71	90	113396321.7
06/30/2023 1230	74	115	-67	75	90	116379539.5
06/30/2023 1245	76	122	-64	79	90	117714284.3
06/30/2023 1300	79	133	-61	82	90	119153321.6
06/30/2023 1315	81	149	-58	84	90	121114538.4
06/30/2023 1330	82	172	-55	87	90	121940486.4
06/30/2023 1345	82	196	-52	89	90	121807858.7
06/30/2023 1400	80	217	-49	91	90	120539153.4
06/30/2023 1415	78	231	-46	92	90	118553980.9
06/30/2023 1430	75	240	-43	94	90	117386923.8
06/30/2023 1445	73	247	-40	96	90	115580085.9
06/30/2023 1500	70	252	-37	98	91	112200563.9
06/30/2023 1515	66	256	-34	99	91	108861168.9
06/30/2023 1530	63	260	-31	101	91	105851776.9
06/30/2023 1545	60	263	-28	102	91	102018236.4
06/30/2023 1600	57	265	-25	104	91	97150732.88
06/30/2023 1615	54	267	-22	105	91	91814549.44
06/30/2023 1630	51	269	-19	107	91	86163492.55
06/30/2023 1645	47	271	-16	109	91	80184315.29
06/30/2023 1700	44	273	-13	110	91	74182236.43
06/30/2023 1715	41	275	-11	112	91	68362489.12
06/30/2023 1730	38	277	-8	114	91	62473485.75
06/30/2023 1745	35	278	-5	115	91	56230893.24
06/30/2023 1800	31	280	-2	117	91	49750007.12
06/30/2023 1815	28	281	1	119	91	43315983.98
06/30/2023 1830	25	283	3	121	91	37041810.29
06/30/2023 1845	22	285	6	123	92	30973681.95
06/30/2023 1900	19	286	8	125	92	25253610.17
06/30/2023 1915	16	288	11	128	92	19969029

06/30/2023 1930	13	290	13	130	92	15081953.59
06/30/2023 1945	10	291	16	132	92	10655588.93
06/30/2023 2000	7	293	18	135	92	6857493.68
06/30/2023 2015	4	295	20	138	92	3723580.98
06/30/2023 2030	1	297	22	140	92	1449547.69
06/30/2023 2045	-2	299	24	143	92	201057.47
06/30/2023 2100	-5	301	26	146	92	14291.15
06/30/2023 2115	-7	303	27	150	92	691.79
06/30/2023 2130	-10	305	29	153	92	84.33
06/30/2023 2145	-13	307	30	156	92	52.5
06/30/2023 2200	-15	310	31	160	92	51.22
06/30/2023 2215	-18	312	32	164	92	52.67
06/30/2023 2230	-20	315	33	168	92	54.22
06/30/2023 2245	-22	318	33	172	93	54.99
06/30/2023 2300	-24	321	34	175	93	55.85
06/30/2023 2315	-26	324	34	179	93	56.26
06/30/2023 2330	-28	327	33	183	93	56.23
06/30/2023 2345	-30	331	33	187	93	55.74