

## September 2023

Time Local	Solar Elevation (°)	Solar Azimuth (° True)	Lunar Elevation (°)	Lunar Azimuth (° True)	Lunar Phase (%)	Ground Illumination (mlx)
09/01/2023 0000	-45	327	38	127	98	103
09/01/2023 0015	-47	332	40	130	98	110.12
09/01/2023 0030	-48	337	43	134	98	116.65
09/01/2023 0045	-49	342	45	138	98	122.8
09/01/2023 0100	-50	348	47	142	98	128.54
09/01/2023 0115	-50	354	49	147	98	133.67
09/01/2023 0130	-51	359	51	152	98	137.99
09/01/2023 0145	-50	5	52	157	98	141.42
09/01/2023 0200	-50	11	53	163	98	143.95
09/01/2023 0215	-49	17	54	169	98	145.57
09/01/2023 0230	-48	22	54	175	98	146.27
09/01/2023 0245	-47	27	55	182	98	146.07
09/01/2023 0300	-45	32	54	188	98	144.95
09/01/2023 0315	-43	37	54	194	97	142.95
09/01/2023 0330	-41	41	53	200	97	140.08
09/01/2023 0345	-39	45	52	206	97	136.38
09/01/2023 0400	-37	48	50	211	97	131.87
09/01/2023 0415	-34	52	49	216	97	126.59
09/01/2023 0430	-32	55	47	221	97	120.65
09/01/2023 0445	-29	58	45	225	97	114.25
09/01/2023 0500	-26	61	43	229	97	107.58
09/01/2023 0515	-24	63	40	233	97	100.68
09/01/2023 0530	-21	66	38	236	97	93.35
09/01/2023 0545	-18	68	35	240	97	86.11
09/01/2023 0600	-15	71	32	242	97	78.65
09/01/2023 0615	-12	73	30	245	97	78.73
09/01/2023 0630	-9	75	27	248	97	237.51
09/01/2023 0645	-6	77	24	250	97	5998.54
09/01/2023 0700	-2	79	21	253	97	139448.87
09/01/2023 0715	1	81	18	255	97	1375125.7
09/01/2023 0730	4	83	15	257	97	3872205.33
09/01/2023 0745	7	85	12	259	97	7343167.28
09/01/2023 0800	10	87	9	261	97	11545630.29
09/01/2023 0815	14	88	6	263	97	16383871.76
09/01/2023 0830	17	90	3	265	97	21648818.34
09/01/2023 0845	20	92	0	267	97	27312628.4
09/01/2023 0900	23	94	-3	269	97	33373203.62
09/01/2023 0915	26	96	-6	271	96	39673325.64
09/01/2023 0930	30	99	-9	273	96	46091266.58
09/01/2023 0945	33	101	-12	275	96	52573355.51
09/01/2023 1000	36	103	-15	277	96	58911221.88
09/01/2023 1015	39	106	-18	279	96	64841478.49

09/01/2023 1030	42	109	-21	281	96	70416325.97
09/01/2023 1045	45	112	-24	283	96	75938392.52
09/01/2023 1100	48	115	-27	286	96	81484864.76
09/01/2023 1115	51	118	-30	288	96	86793435.18
09/01/2023 1130	54	123	-33	291	96	91649952.88
09/01/2023 1145	56	127	-36	293	96	96067056.53
09/01/2023 1200	59	132	-39	296	96	99995601.67
09/01/2023 1215	61	138	-41	299	96	103195989
09/01/2023 1230	63	145	-44	303	96	105542814.5
09/01/2023 1245	65	152	-46	306	96	107203239.2
09/01/2023 1300	66	161	-49	310	96	108401413.8
09/01/2023 1315	67	170	-51	315	96	109189555.5
09/01/2023 1330	67	179	-53	320	96	109496730.6
09/01/2023 1345	67	189	-55	325	96	109273945.6
09/01/2023 1400	66	198	-56	330	96	108557730.6
09/01/2023 1415	65	206	-58	337	95	107424194.1
09/01/2023 1430	63	214	-59	343	95	105850131.7
09/01/2023 1445	61	221	-59	350	95	103630606.4
09/01/2023 1500	59	227	-60	357	95	100566540.4
09/01/2023 1515	57	232	-59	4	95	96736080.5
09/01/2023 1530	54	237	-59	11	95	92386565.4
09/01/2023 1545	51	241	-58	17	95	87602608.14
09/01/2023 1600	48	244	-57	24	95	82356667.69
09/01/2023 1615	46	248	-56	30	95	76823707.95
09/01/2023 1630	43	251	-54	35	95	71289135.38
09/01/2023 1645	39	254	-52	40	95	65739588.64
09/01/2023 1700	36	256	-50	45	95	59876025.3
09/01/2023 1715	33	259	-48	49	95	53584782.18
09/01/2023 1730	30	261	-45	53	95	47101292.16
09/01/2023 1745	27	263	-43	56	95	40662991.42
09/01/2023 1800	24	265	-40	59	95	34334573.1
09/01/2023 1815	21	267	-37	62	95	28218703.01
09/01/2023 1830	17	269	-34	65	95	22483865.22
09/01/2023 1845	14	271	-31	68	95	17155127.28
09/01/2023 1900	11	273	-29	70	94	12235127.32
09/01/2023 1915	8	275	-26	72	94	7920186.54
09/01/2023 1930	5	277	-23	75	94	4333474.06
09/01/2023 1945	2	279	-20	77	94	1650681.84
09/01/2023 2000	-2	281	-17	79	94	201932.88
09/01/2023 2015	-5	283	-13	81	94	9714.43
09/01/2023 2030	-8	285	-10	83	94	283.67
09/01/2023 2045	-11	287	-7	84	94	14.86
09/01/2023 2100	-14	289	-4	86	94	2.52
09/01/2023 2115	-17	291	-1	88	94	1.69
09/01/2023 2130	-20	293	2	90	94	3.14
09/01/2023 2145	-23	296	5	92	94	6.51
09/01/2023 2200	-26	299	9	93	94	10.74

09/01/2023 2215	-29	301	12	95	94	15.7
09/01/2023 2230	-32	304	15	97	94	21.2
09/01/2023 2245	-34	307	18	99	94	27.06
09/01/2023 2300	-37	311	21	101	94	33.3
09/01/2023 2315	-39	314	24	103	93	39.84
09/01/2023 2330	-41	318	27	105	93	46.5
09/01/2023 2345	-43	322	30	108	93	53.18
09/02/2023 0000	-45	327	33	110	93	59.82
09/02/2023 0015	-47	332	36	113	93	66.17
09/02/2023 0030	-48	337	39	116	93	72.01
09/02/2023 0045	-49	342	42	119	93	77.41
09/02/2023 0100	-50	348	45	122	93	82.63
09/02/2023 0115	-51	354	47	126	93	87.77
09/02/2023 0130	-51	360	50	130	93	92.61
09/02/2023 0145	-51	5	52	134	93	96.93
09/02/2023 0200	-50	11	55	139	93	100.7
09/02/2023 0215	-50	17	57	144	93	103.92
09/02/2023 0230	-48	22	58	150	93	106.56
09/02/2023 0245	-47	27	60	157	93	108.51
09/02/2023 0300	-46	32	61	164	93	109.75
09/02/2023 0315	-44	37	62	171	92	110.34
09/02/2023 0330	-42	41	62	179	92	110.36
09/02/2023 0345	-40	45	62	187	92	109.83
09/02/2023 0400	-37	49	61	195	92	108.77
09/02/2023 0415	-35	52	60	202	92	107.12
09/02/2023 0430	-32	55	59	209	92	104.83
09/02/2023 0445	-29	58	58	215	92	101.89
09/02/2023 0500	-27	61	56	221	92	98.37
09/02/2023 0515	-24	64	54	226	92	94.37
09/02/2023 0530	-21	66	51	231	92	89.91
09/02/2023 0545	-18	69	49	235	92	85.67
09/02/2023 0600	-15	71	46	239	92	81.31
09/02/2023 0615	-12	73	44	242	92	83.77
09/02/2023 0630	-9	75	41	246	92	223.39
09/02/2023 0645	-6	77	38	248	92	5210.02
09/02/2023 0700	-3	79	35	251	91	125398.2
09/02/2023 0715	1	81	32	254	91	1308202.83
09/02/2023 0730	4	83	29	256	91	3758578.22
09/02/2023 0745	7	85	26	259	91	7204385.64
09/02/2023 0800	10	87	23	261	91	11383182.49
09/02/2023 0815	14	89	20	263	91	16204247.34
09/02/2023 0830	17	91	17	265	91	21456092.11
09/02/2023 0845	20	93	14	267	91	27103722.58
09/02/2023 0900	23	95	11	269	91	33149249.03
09/02/2023 0915	26	97	8	271	91	39438649.17
09/02/2023 0930	29	99	5	273	91	45845596.98
09/02/2023 0945	33	101	2	275	91	52317842.11

09/02/2023 1000	36	104	-2	277	91	58655151.7
09/02/2023 1015	39	106	-5	279	91	64589842.06
09/02/2023 1030	42	109	-8	281	90	70156754.62
09/02/2023 1045	45	112	-11	283	90	75654197.03
09/02/2023 1100	48	115	-14	285	90	81176571.14
09/02/2023 1115	51	119	-16	287	90	86473879.16
09/02/2023 1130	53	123	-19	289	90	91321471.34
09/02/2023 1145	56	128	-22	291	90	95722783.91
09/02/2023 1200	59	133	-25	294	90	99645063.98
09/02/2023 1215	61	139	-28	296	90	102866514
09/02/2023 1230	63	145	-30	299	90	105245865.4
09/02/2023 1245	64	153	-33	302	90	106917041.7
09/02/2023 1300	66	161	-36	305	90	108095037.5
09/02/2023 1315	66	170	-38	308	90	108851047.2
09/02/2023 1330	67	179	-40	312	90	109135980
09/02/2023 1345	67	189	-43	315	89	108910651
09/02/2023 1400	66	198	-45	320	89	108206875
09/02/2023 1415	65	206	-46	324	89	107078953.2
09/02/2023 1430	63	214	-48	328	89	105475420.3
09/02/2023 1445	61	220	-49	333	89	103190658
09/02/2023 1500	59	226	-51	339	89	100065554.9
09/02/2023 1515	56	232	-52	344	89	96211251.98
09/02/2023 1530	54	236	-52	350	89	91858986.72
09/02/2023 1545	51	240	-52	356	89	87064821.09
09/02/2023 1600	48	244	-52	1	89	81810984.8
09/02/2023 1615	45	247	-52	7	89	76295714.62
09/02/2023 1630	42	250	-52	13	89	70789598.55
09/02/2023 1645	39	253	-51	18	89	65243323.55
09/02/2023 1700	36	256	-50	24	88	59356839.82
09/02/2023 1715	33	258	-48	29	88	53050286.79
09/02/2023 1730	30	261	-47	33	88	46574437.64
09/02/2023 1745	27	263	-45	38	88	40151445.99
09/02/2023 1800	23	265	-43	42	88	33839598.51
09/02/2023 1815	20	267	-40	45	88	27751696.7
09/02/2023 1830	17	269	-38	49	88	22051663.35
09/02/2023 1845	14	271	-36	52	88	16752647.04
09/02/2023 1900	11	273	-33	55	88	11870123.08
09/02/2023 1915	7	275	-31	58	88	7609219.58
09/02/2023 1930	4	277	-28	61	88	4079094.52
09/02/2023 1945	1	278	-25	63	88	1492195.75
09/02/2023 2000	-2	280	-22	66	88	163551.04
09/02/2023 2015	-5	282	-19	68	87	7258
09/02/2023 2030	-8	284	-17	70	87	212.32
09/02/2023 2045	-12	286	-14	72	87	12.1
09/02/2023 2100	-15	289	-11	74	87	2.25
09/02/2023 2115	-18	291	-8	76	87	1.19
09/02/2023 2130	-21	293	-5	78	87	0.51

09/02/2023 2145	-24	296	-1	80	87	0.74
09/02/2023 2200	-26	298	2	81	87	2.07
09/02/2023 2215	-29	301	5	83	87	4.28
09/02/2023 2230	-32	304	8	85	87	7.14
09/02/2023 2245	-35	307	11	87	87	10.53
09/02/2023 2300	-37	311	14	89	87	14.36
09/02/2023 2315	-39	314	17	90	86	18.46
09/02/2023 2330	-42	318	21	92	86	22.86
09/02/2023 2345	-44	322	24	94	86	27.51
09/03/2023 0000	-46	327	27	96	86	32.31
09/03/2023 0015	-47	332	30	98	86	37.16
09/03/2023 0030	-49	337	33	100	86	42.02
09/03/2023 0045	-50	342	36	102	86	46.73
09/03/2023 0100	-51	348	39	105	86	51.09
09/03/2023 0115	-51	354	42	107	86	55.18
09/03/2023 0130	-51	360	45	110	86	59.24
09/03/2023 0145	-51	6	48	113	86	63.3
09/03/2023 0200	-51	11	51	117	86	67.15
09/03/2023 0215	-50	17	54	120	85	70.64
09/03/2023 0230	-49	23	57	125	85	73.8
09/03/2023 0245	-47	28	59	129	85	76.57
09/03/2023 0300	-46	33	62	135	85	78.73
09/03/2023 0315	-44	37	64	141	85	80.21
09/03/2023 0330	-42	41	66	149	85	81.26
09/03/2023 0345	-40	45	67	157	85	82.06
09/03/2023 0400	-37	49	68	166	85	82.62
09/03/2023 0415	-35	53	69	176	85	82.81
09/03/2023 0430	-32	56	69	186	85	82.53
09/03/2023 0445	-30	59	68	196	85	81.81
09/03/2023 0500	-27	62	67	205	85	80.71
09/03/2023 0515	-24	64	66	213	84	79.38
09/03/2023 0530	-21	67	64	221	84	77.84
09/03/2023 0545	-18	69	62	227	84	76.56
09/03/2023 0600	-15	71	60	233	84	74.84
09/03/2023 0615	-12	73	57	238	84	78.75
09/03/2023 0630	-9	76	54	242	84	201.03
09/03/2023 0645	-6	78	52	246	84	4514.46
09/03/2023 0700	-3	80	49	249	84	112558.57
09/03/2023 0715	1	82	46	252	84	1243572.82
09/03/2023 0730	4	83	43	255	84	3646058.13
09/03/2023 0745	7	85	40	258	84	7066227.81
09/03/2023 0800	10	87	37	260	84	11221031
09/03/2023 0815	13	89	34	262	83	16024332.74
09/03/2023 0830	17	91	31	265	83	21262783.94
09/03/2023 0845	20	93	27	267	83	26893943.57
09/03/2023 0900	23	95	24	269	83	32923840.68
09/03/2023 0915	26	97	21	271	83	39201998.7

09/03/2023 0930	29	99	18	272	83	45597558.68
09/03/2023 0945	32	102	15	274	83	52059278.65
09/03/2023 1000	36	104	12	276	83	58395223.08
09/03/2023 1015	39	107	9	278	83	64334184.46
09/03/2023 1030	42	110	6	280	83	69893592.63
09/03/2023 1045	45	113	3	282	83	75366271.33
09/03/2023 1100	48	116	0	284	82	80863323.48
09/03/2023 1115	51	120	-3	286	82	86148214.91
09/03/2023 1130	53	124	-6	288	82	90986810.98
09/03/2023 1145	56	128	-9	290	82	95372069.19
09/03/2023 1200	58	133	-12	292	82	99285742.05
09/03/2023 1215	61	139	-15	294	82	102525092.7
09/03/2023 1230	62	146	-17	296	82	104936927.5
09/03/2023 1245	64	153	-20	299	82	106623467
09/03/2023 1300	65	162	-23	301	82	107787752.7
09/03/2023 1315	66	170	-25	304	82	108516542.3
09/03/2023 1330	66	180	-28	306	82	108781449.4
09/03/2023 1345	66	189	-30	309	81	108552911.4
09/03/2023 1400	65	198	-32	312	81	107856982.1
09/03/2023 1415	64	206	-35	316	81	106726018.5
09/03/2023 1430	63	213	-37	319	81	105084479.2
09/03/2023 1445	61	220	-38	323	81	102732428.7
09/03/2023 1500	58	226	-40	327	81	99551140.65
09/03/2023 1515	56	231	-42	331	81	95677774.8
09/03/2023 1530	53	236	-43	335	81	91322943.07
09/03/2023 1545	51	240	-44	340	81	86517597.83
09/03/2023 1600	48	244	-45	345	81	81257899.86
09/03/2023 1615	45	247	-46	350	80	75763154.34
09/03/2023 1630	42	250	-46	355	80	70284960.82
09/03/2023 1645	39	253	-46	360	80	64739075.85
09/03/2023 1700	36	256	-46	5	80	58828840.13
09/03/2023 1715	33	258	-45	10	80	52508992.13
09/03/2023 1730	30	260	-45	14	80	46042509.33
09/03/2023 1745	26	262	-44	19	80	39635223.1
09/03/2023 1800	23	265	-43	24	80	33340905.84
09/03/2023 1815	20	267	-41	28	80	27282532.98
09/03/2023 1830	17	269	-40	32	80	21617703.23
09/03/2023 1845	14	271	-38	36	80	16348720.17
09/03/2023 1900	10	272	-36	39	79	11505684.48
09/03/2023 1915	7	274	-34	43	79	7300071.41
09/03/2023 1930	4	276	-32	46	79	3828072.97
09/03/2023 1945	1	278	-29	49	79	1342988.61
09/03/2023 2000	-2	280	-27	52	79	131189.43
09/03/2023 2015	-6	282	-24	55	79	5391.75
09/03/2023 2030	-9	284	-22	57	79	159.41
09/03/2023 2045	-12	286	-19	60	79	9.93
09/03/2023 2100	-15	288	-16	62	79	2.04

09/03/2023 2115	-18	291	-14	64	79	1.16
09/03/2023 2130	-21	293	-11	66	79	0.5
09/03/2023 2145	-24	295	-8	68	78	0.5
09/03/2023 2200	-27	298	-5	70	78	0.51
09/03/2023 2215	-30	301	-2	72	78	0.61
09/03/2023 2230	-32	304	1	74	78	1.34
09/03/2023 2245	-35	307	4	75	78	2.72
09/03/2023 2300	-37	310	7	77	78	4.59
09/03/2023 2315	-40	314	10	79	78	6.83
09/03/2023 2330	-42	318	13	81	78	9.42
09/03/2023 2345	-44	322	16	82	78	12.23
09/04/2023 0000	-46	327	19	84	78	15.24
09/04/2023 0015	-48	332	23	86	77	18.46
09/04/2023 0030	-49	337	26	87	77	21.83
09/04/2023 0045	-50	342	29	89	77	25.26
09/04/2023 0100	-51	348	32	91	77	28.74
09/04/2023 0115	-51	354	35	93	77	32.18
09/04/2023 0130	-52	360	38	95	77	35.41
09/04/2023 0145	-52	6	42	97	77	38.44
09/04/2023 0200	-51	12	45	99	77	41.42
09/04/2023 0215	-50	17	48	102	77	44.45
09/04/2023 0230	-49	23	51	104	77	47.4
09/04/2023 0245	-48	28	54	107	76	50.12
09/04/2023 0300	-46	33	57	110	76	52.64
09/04/2023 0315	-44	38	60	114	76	54.88
09/04/2023 0330	-42	42	63	118	76	56.6
09/04/2023 0345	-40	46	65	123	76	57.84
09/04/2023 0400	-38	50	68	130	76	58.99
09/04/2023 0415	-35	53	70	137	76	60.21
09/04/2023 0430	-33	56	72	146	76	61.17
09/04/2023 0445	-30	59	74	157	76	61.61
09/04/2023 0500	-27	62	75	170	76	61.65
09/04/2023 0515	-24	65	75	184	75	61.49
09/04/2023 0530	-21	67	75	197	75	61.16
09/04/2023 0545	-18	69	73	209	75	61.2
09/04/2023 0600	-15	72	72	219	75	60.9
09/04/2023 0615	-12	74	70	228	75	65.69
09/04/2023 0630	-9	76	67	235	75	173.29
09/04/2023 0645	-6	78	65	241	75	3903.36
09/04/2023 0700	-3	80	62	245	75	100852.16
09/04/2023 0715	1	82	59	249	75	1181224.68
09/04/2023 0730	4	84	56	253	75	3534659.28
09/04/2023 0745	7	86	53	256	74	6928657.91
09/04/2023 0800	10	88	50	259	74	11059141.42
09/04/2023 0815	13	90	47	262	74	15844076.92
09/04/2023 0830	16	91	44	264	74	21068822.83
09/04/2023 0845	20	93	41	266	74	26683219.86

09/04/2023 0900	23	96	38	268	74	32696899.73
09/04/2023 0915	26	98	34	270	74	38963276.46
09/04/2023 0930	29	100	31	272	74	45347050.82
09/04/2023 0945	32	102	28	274	74	51797570.35
09/04/2023 1000	35	105	25	276	74	58131322.11
09/04/2023 1015	39	107	22	277	73	64074364.65
09/04/2023 1030	42	110	19	279	73	69626725.11
09/04/2023 1045	45	113	16	281	73	75074576.53
09/04/2023 1100	48	116	13	283	73	80545111.55
09/04/2023 1115	50	120	10	284	73	85816363.66
09/04/2023 1130	53	124	7	286	73	90645848.8
09/04/2023 1145	56	129	4	288	73	95014911.84
09/04/2023 1200	58	134	1	290	73	98917790.32
09/04/2023 1215	60	140	-2	292	73	102171690.5
09/04/2023 1230	62	146	-5	294	73	104615302.2
09/04/2023 1245	64	154	-7	296	72	106321086.7
09/04/2023 1300	65	162	-10	298	72	107477820.4
09/04/2023 1315	66	171	-13	300	72	108184390.3
09/04/2023 1330	66	180	-15	302	72	108431519.8
09/04/2023 1345	66	189	-18	305	72	108198736.6
09/04/2023 1400	65	198	-20	307	72	107505525.9
09/04/2023 1415	64	206	-23	310	72	106362946.2
09/04/2023 1430	62	213	-25	313	72	104676044.1
09/04/2023 1445	60	220	-27	316	72	102256202.6
09/04/2023 1500	58	226	-29	319	72	99024196.93
09/04/2023 1515	56	231	-31	322	71	95136085.97
09/04/2023 1530	53	236	-33	325	71	90778420.62
09/04/2023 1545	50	240	-35	329	71	85961140.44
09/04/2023 1600	48	243	-36	333	71	80697967.77
09/04/2023 1615	45	247	-37	337	71	75226431.39
09/04/2023 1630	42	250	-38	341	71	69775220.09
09/04/2023 1645	39	253	-39	345	71	64226788.78
09/04/2023 1700	36	255	-40	349	71	58292278.77
09/04/2023 1715	32	258	-40	354	71	51961317.7
09/04/2023 1730	29	260	-41	358	70	45505821.99
09/04/2023 1745	26	262	-40	3	70	39114600.3
09/04/2023 1800	23	264	-40	7	70	32838876.04
09/04/2023 1815	20	266	-40	11	70	26811560.6
09/04/2023 1830	17	268	-39	16	70	21182215.81
09/04/2023 1845	13	270	-38	20	70	15943676.4
09/04/2023 1900	10	272	-37	24	70	11142220.14
09/04/2023 1915	7	274	-35	27	70	6992979.7
09/04/2023 1930	4	276	-34	31	70	3580990.94
09/04/2023 1945	1	278	-32	35	70	1203477.3
09/04/2023 2000	-3	280	-30	38	69	104221.49
09/04/2023 2015	-6	282	-28	41	69	3985.52
09/04/2023 2030	-9	284	-26	44	69	120.15



09/04/2023 2045	-12	286	-24	47	69	8.22
09/04/2023 2100	-15	288	-22	49	69	1.87
09/04/2023 2115	-18	290	-19	52	69	1.13
09/04/2023 2130	-21	293	-17	54	69	0.5
09/04/2023 2145	-24	295	-14	57	69	0.5
09/04/2023 2200	-27	298	-11	59	69	0.5
09/04/2023 2215	-30	301	-9	61	69	0.5
09/04/2023 2230	-33	304	-6	63	68	0.5
09/04/2023 2245	-35	307	-3	65	68	0.53
09/04/2023 2300	-38	310	0	67	68	0.85
09/04/2023 2315	-40	314	3	68	68	1.58
09/04/2023 2330	-42	318	6	70	68	2.72
09/04/2023 2345	-44	322	9	72	68	4.12
09/05/2023 0000	-46	327	12	74	68	5.77
09/05/2023 0015	-48	331	15	75	68	7.61
09/05/2023 0030	-49	337	18	77	68	9.59
09/05/2023 0045	-51	342	21	78	67	11.73
09/05/2023 0100	-51	348	24	80	67	13.99
09/05/2023 0115	-52	354	27	81	67	16.34
09/05/2023 0130	-52	360	30	83	67	18.73
09/05/2023 0145	-52	6	33	85	67	21.15
09/05/2023 0200	-51	12	36	86	67	23.5
09/05/2023 0215	-51	18	39	88	67	25.71
09/05/2023 0230	-49	23	43	90	67	27.81
09/05/2023 0245	-48	28	46	92	67	29.93
09/05/2023 0300	-46	33	49	94	67	32.07
09/05/2023 0315	-45	38	52	96	66	34.13
09/05/2023 0330	-42	42	55	98	66	36.03
09/05/2023 0345	-40	46	58	101	66	37.81
09/05/2023 0400	-38	50	61	104	66	39.32
09/05/2023 0415	-35	53	64	107	66	40.41
09/05/2023 0430	-33	56	67	111	66	41.33
09/05/2023 0445	-30	59	70	116	66	42.41
09/05/2023 0500	-27	62	73	122	66	43.33
09/05/2023 0515	-24	65	76	131	66	43.69
09/05/2023 0530	-21	67	78	142	65	43.88
09/05/2023 0545	-18	70	79	158	65	44.81
09/05/2023 0600	-15	72	80	177	65	45.59
09/05/2023 0615	-12	74	80	197	65	50.94
09/05/2023 0630	-9	76	79	214	65	145.31
09/05/2023 0645	-6	78	77	227	65	3368.8
09/05/2023 0700	-3	80	74	236	65	90201.14
09/05/2023 0715	1	82	71	243	65	1121139.45
09/05/2023 0730	4	84	69	249	65	3424399.87
09/05/2023 0745	7	86	66	253	65	6791645.5
09/05/2023 0800	10	88	63	257	64	10897488.27
09/05/2023 0815	13	90	60	260	64	15663440.86

09/05/2023 0830	16	92	56	263	64	20874149.82
09/05/2023 0845	20	94	53	265	64	26471492.74
09/05/2023 0900	23	96	50	267	64	32468362.35
09/05/2023 0915	26	98	47	269	64	38722401.14
09/05/2023 0930	29	100	44	271	64	45093989.53
09/05/2023 0945	32	103	41	273	64	51532639.91
09/05/2023 1000	35	105	38	275	64	57863349.32
09/05/2023 1015	38	108	35	276	63	63810246.27
09/05/2023 1030	41	110	32	278	63	69356033.1
09/05/2023 1045	44	113	29	280	63	74779068.99
09/05/2023 1100	47	117	25	281	63	80221928.03
09/05/2023 1115	50	121	22	283	63	85478254.22
09/05/2023 1130	53	125	19	285	63	90298463.23
09/05/2023 1145	55	129	16	286	63	94651309.71
09/05/2023 1200	58	134	14	288	63	98541389.21
09/05/2023 1215	60	140	11	290	63	101806354.8
09/05/2023 1230	62	147	8	291	62	104280398.6
09/05/2023 1245	63	154	5	293	62	106008511.6
09/05/2023 1300	65	162	2	295	62	107163384
09/05/2023 1315	65	171	-1	297	62	107852650.2
09/05/2023 1330	66	180	-4	299	62	108084177.7
09/05/2023 1345	65	189	-6	301	62	107845774.3
09/05/2023 1400	65	198	-9	303	62	107149818.3
09/05/2023 1415	63	206	-11	305	62	105987420.6
09/05/2023 1430	62	213	-14	307	62	104249159.8
09/05/2023 1445	60	220	-16	310	62	101762498.9
09/05/2023 1500	58	225	-19	312	61	98485650.55
09/05/2023 1515	55	231	-21	315	61	94586551.79
09/05/2023 1530	53	235	-23	317	61	90225395.1
09/05/2023 1545	50	239	-25	320	61	85395709.45
09/05/2023 1600	47	243	-27	323	61	80131772.35
09/05/2023 1615	44	246	-28	326	61	74685915.32
09/05/2023 1630	41	249	-30	330	61	69260339.54
09/05/2023 1645	38	252	-31	333	61	63706422.25
09/05/2023 1700	35	255	-33	337	61	57747444.76
09/05/2023 1715	32	257	-34	341	60	51407690.79
09/05/2023 1730	29	260	-35	344	60	44964682.69
09/05/2023 1745	26	262	-35	348	60	38589862.99
09/05/2023 1800	23	264	-36	352	60	32333898.94
09/05/2023 1815	19	266	-36	356	60	26339117.45
09/05/2023 1830	16	268	-36	0	60	20745427.64
09/05/2023 1845	13	270	-36	5	60	15537860.61
09/05/2023 1900	10	272	-36	9	60	10780129.04
09/05/2023 1915	7	274	-35	12	60	6688173.64
09/05/2023 1930	4	276	-34	16	59	3338483.46
09/05/2023 1945	1	278	-33	20	59	1073917.28
09/05/2023 2000	-3	280	-32	24	59	82011.11

09/05/2023 2015	-6	282	-31	27	59	2933.89
09/05/2023 2030	-9	284	-29	31	59	90.99
09/05/2023 2045	-12	286	-27	34	59	6.86
09/05/2023 2100	-15	288	-26	37	59	1.73
09/05/2023 2115	-19	290	-24	40	59	1.11
09/05/2023 2130	-22	292	-22	43	59	0.5
09/05/2023 2145	-24	295	-20	45	59	0.5
09/05/2023 2200	-27	298	-17	48	58	0.5
09/05/2023 2215	-30	300	-15	50	58	0.5
09/05/2023 2230	-33	303	-12	52	58	0.5
09/05/2023 2245	-36	306	-10	55	58	0.5
09/05/2023 2300	-38	310	-7	57	58	0.5
09/05/2023 2315	-40	314	-5	59	58	0.5
09/05/2023 2330	-43	318	-2	61	58	0.55
09/05/2023 2345	-45	322	1	62	58	0.87
09/06/2023 0000	-47	326	4	64	58	1.44
09/06/2023 0015	-48	331	6	66	57	2.25
09/06/2023 0030	-50	337	9	68	57	3.22
09/06/2023 0045	-51	342	12	69	57	4.35
09/06/2023 0100	-52	348	15	71	57	5.59
09/06/2023 0115	-52	354	18	72	57	6.93
09/06/2023 0130	-52	0	21	74	57	8.37
09/06/2023 0145	-52	6	24	75	57	9.9
09/06/2023 0200	-52	12	27	77	57	11.47
09/06/2023 0215	-51	18	30	78	57	13.08
09/06/2023 0230	-50	24	33	80	56	14.71
09/06/2023 0245	-48	29	36	81	56	16.3
09/06/2023 0300	-47	34	39	82	56	17.79
09/06/2023 0315	-45	38	43	84	56	19.21
09/06/2023 0330	-43	43	46	86	56	20.64
09/06/2023 0345	-40	47	49	87	56	22.1
09/06/2023 0400	-38	50	52	89	56	23.51
09/06/2023 0415	-36	54	55	91	56	24.81
09/06/2023 0430	-33	57	58	93	56	26.04
09/06/2023 0445	-30	60	61	95	56	27.08
09/06/2023 0500	-27	63	64	97	55	27.84
09/06/2023 0515	-24	65	68	100	55	28.5
09/06/2023 0530	-22	68	71	103	55	29.29
09/06/2023 0545	-19	70	74	108	55	30.52
09/06/2023 0600	-15	72	77	114	55	31.35
09/06/2023 0615	-12	75	79	123	55	36.78
09/06/2023 0630	-9	77	82	137	55	119.95
09/06/2023 0645	-6	79	84	160	55	2904.45
09/06/2023 0700	-3	81	84	191	55	80533.13
09/06/2023 0715	1	83	83	218	54	1063296.17
09/06/2023 0730	4	85	80	234	54	3315306.64
09/06/2023 0745	7	86	78	245	54	6655164.95

09/06/2023 0800	10	88	75	251	54	10736048.98
09/06/2023 0815	13	90	72	256	54	15482389.12
09/06/2023 0830	16	92	69	260	54	20678710.41
09/06/2023 0845	19	94	66	263	54	26258710.83
09/06/2023 0900	23	96	62	266	54	32238175.92
09/06/2023 0915	26	98	59	268	54	38479304.38
09/06/2023 0930	29	101	56	270	53	44838304.11
09/06/2023 0945	32	103	53	272	53	51264424.34
09/06/2023 1000	35	105	50	273	53	57591220.7
09/06/2023 1015	38	108	47	275	53	63541706.91
09/06/2023 1030	41	111	44	277	53	69081409.24
09/06/2023 1045	44	114	41	278	53	74479719.86
09/06/2023 1100	47	117	38	280	53	79893787.19
09/06/2023 1115	50	121	35	281	53	85133835.93
09/06/2023 1130	53	125	31	283	53	89944537.21
09/06/2023 1145	55	130	28	284	53	94281251.65
09/06/2023 1200	58	135	25	286	52	98156730.43
09/06/2023 1215	60	141	22	287	52	101429203
09/06/2023 1230	62	147	20	289	52	103931740
09/06/2023 1245	63	155	17	290	52	105684425.3
09/06/2023 1300	64	163	14	292	52	106842526.5
09/06/2023 1315	65	171	11	293	52	107519163.7
09/06/2023 1330	65	180	8	295	52	107737101.7
09/06/2023 1345	65	189	5	297	52	107491412.9
09/06/2023 1400	64	198	3	298	52	106787117.6
09/06/2023 1415	63	206	0	300	51	105597337.8
09/06/2023 1430	62	213	-3	302	51	103803205.5
09/06/2023 1445	60	219	-5	304	51	101252046.7
09/06/2023 1500	57	225	-8	306	51	97936425.92
09/06/2023 1515	55	230	-10	308	51	94029463.1
09/06/2023 1530	53	235	-13	311	51	89663842.83
09/06/2023 1545	50	239	-15	313	51	84821627.46
09/06/2023 1600	47	243	-17	316	51	79559917.84
09/06/2023 1615	44	246	-19	318	51	74141934.02
09/06/2023 1630	41	249	-21	321	50	68740250.05
09/06/2023 1645	38	252	-23	324	50	63177957.72
09/06/2023 1700	35	255	-25	327	50	57194662.34
09/06/2023 1715	32	257	-26	330	50	50848542.12
09/06/2023 1730	29	259	-28	333	50	44419389.76
09/06/2023 1745	26	262	-29	336	50	38061304.93
09/06/2023 1800	22	264	-30	340	50	31826370.7
09/06/2023 1815	19	266	-31	343	50	25865528.02
09/06/2023 1830	16	268	-32	347	50	20307561.9
09/06/2023 1845	13	270	-33	351	50	15131631.99
09/06/2023 1900	10	272	-33	355	49	10419796.12
09/06/2023 1915	6	273	-33	358	49	6385878.18
09/06/2023 1930	3	275	-33	2	49	3101236.01

09/06/2023 1945	0	277	-33	6	49	954364.06
09/06/2023 2000	-3	279	-32	10	49	63932.45
09/06/2023 2015	-6	281	-32	13	49	2152.72
09/06/2023 2030	-10	283	-31	17	49	69.3
09/06/2023 2045	-13	285	-30	21	49	5.78
09/06/2023 2100	-16	288	-29	24	49	1.61
09/06/2023 2115	-19	290	-27	27	48	1.08
09/06/2023 2130	-22	292	-26	31	48	0.5
09/06/2023 2145	-25	295	-24	34	48	0.5
09/06/2023 2200	-28	297	-23	36	48	0.5
09/06/2023 2215	-30	300	-21	39	48	0.5
09/06/2023 2230	-33	303	-19	42	48	0.5
09/06/2023 2245	-36	306	-16	44	48	0.5
09/06/2023 2300	-38	310	-14	47	48	0.5
09/06/2023 2315	-41	313	-12	49	48	0.5
09/06/2023 2330	-43	317	-10	51	48	0.5
09/06/2023 2345	-45	322	-7	53	47	0.5
09/07/2023 0000	-47	326	-5	55	47	0.5
09/07/2023 0015	-49	331	-2	57	47	0.54
09/07/2023 0030	-50	337	1	59	47	0.74
09/07/2023 0045	-51	342	4	61	47	1.11
09/07/2023 0100	-52	348	6	63	47	1.63
09/07/2023 0115	-53	354	9	64	47	2.25
09/07/2023 0130	-53	0	12	66	47	2.97
09/07/2023 0145	-53	6	15	67	47	3.77
09/07/2023 0200	-52	12	18	69	46	4.63
09/07/2023 0215	-51	18	20	70	46	5.55
09/07/2023 0230	-50	24	23	72	46	6.53
09/07/2023 0245	-49	29	26	73	46	7.55
09/07/2023 0300	-47	34	29	75	46	8.59
09/07/2023 0315	-45	39	32	76	46	9.65
09/07/2023 0330	-43	43	35	77	46	10.7
09/07/2023 0345	-41	47	39	79	46	11.69
09/07/2023 0400	-38	51	42	80	46	12.62
09/07/2023 0415	-36	54	45	81	46	13.54
09/07/2023 0430	-33	57	48	83	45	14.49
09/07/2023 0445	-30	60	51	84	45	15.42
09/07/2023 0500	-28	63	54	86	45	16.3
09/07/2023 0515	-25	66	57	87	45	17.11
09/07/2023 0530	-22	68	60	89	45	17.84
09/07/2023 0545	-19	70	63	91	45	18.99
09/07/2023 0600	-16	73	67	93	45	19.99
09/07/2023 0615	-13	75	70	95	45	25.06
09/07/2023 0630	-9	77	73	98	45	97.75
09/07/2023 0645	-6	79	76	102	45	2502.23
09/07/2023 0700	-3	81	79	107	44	71776.6
09/07/2023 0715	1	83	82	115	44	1007664.7

09/07/2023 0730	3	85	85	132	44	3207409.04
09/07/2023 0745	7	87	86	169	44	6519194.36
09/07/2023 0800	10	89	86	215	44	10574806.63
09/07/2023 0815	13	91	83	239	44	15300894.7
09/07/2023 0830	16	93	80	250	44	20482458.54
09/07/2023 0845	19	95	77	257	44	26044830.32
09/07/2023 0900	23	97	74	261	44	32006295.2
09/07/2023 0915	26	99	71	264	43	38233924.86
09/07/2023 0930	29	101	68	267	43	44579931.29
09/07/2023 0945	32	103	65	269	43	50992871.07
09/07/2023 1000	35	106	62	271	43	57314865.57
09/07/2023 1015	38	109	59	273	43	63268635.91
09/07/2023 1030	41	111	56	274	43	68802754.47
09/07/2023 1045	44	114	52	276	43	74176510.9
09/07/2023 1100	47	118	49	277	43	79560723.1
09/07/2023 1115	50	122	46	279	43	84783082.48
09/07/2023 1130	52	126	43	280	43	89583967.62
09/07/2023 1145	55	130	40	281	42	93904728.18
09/07/2023 1200	57	136	37	283	42	97764025.18
09/07/2023 1215	59	141	34	284	42	101040429.9
09/07/2023 1230	61	148	31	285	42	103568978.6
09/07/2023 1245	63	155	28	287	42	105347616.1
09/07/2023 1300	64	163	25	288	42	106513322.6
09/07/2023 1315	65	172	22	290	42	107181626.1
09/07/2023 1330	65	180	19	291	42	107387752.6
09/07/2023 1345	65	189	16	293	42	107132888.5
09/07/2023 1400	64	198	13	294	42	106414735.7
09/07/2023 1415	63	205	11	296	41	105190877
09/07/2023 1430	61	213	8	297	41	103337905.3
09/07/2023 1445	59	219	5	299	41	100725753.3
09/07/2023 1500	57	225	3	301	41	97377416.61
09/07/2023 1515	55	230	0	303	41	93465034.3
09/07/2023 1530	52	235	-3	304	41	89093752.55
09/07/2023 1545	49	239	-5	306	41	84239280.6
09/07/2023 1600	47	242	-8	308	41	78983019.16
09/07/2023 1615	44	246	-10	311	41	73594767.49
09/07/2023 1630	41	249	-12	313	41	68214853.47
09/07/2023 1645	38	252	-15	315	40	62641402.84
09/07/2023 1700	35	254	-17	318	40	56634288.9
09/07/2023 1715	32	257	-19	320	40	50284301.38
09/07/2023 1730	28	259	-21	323	40	43870232.11
09/07/2023 1745	25	261	-23	326	40	37529228.47
09/07/2023 1800	22	263	-24	329	40	31316690.96
09/07/2023 1815	19	265	-26	332	40	25391101.09
09/07/2023 1830	16	267	-27	335	40	19868839.86
09/07/2023 1845	13	269	-28	338	40	14725362.72
09/07/2023 1900	9	271	-29	342	39	10061588.14

09/07/2023 1915	6	273	-30	345	39	6086319.32
09/07/2023 1930	3	275	-31	349	39	2869978.18
09/07/2023 1945	0	277	-31	353	39	844629.64
09/07/2023 2000	-4	279	-32	356	39	49387.09
09/07/2023 2015	-7	281	-32	360	39	1575.87
09/07/2023 2030	-10	283	-32	4	39	53.11
09/07/2023 2045	-13	285	-31	7	39	4.91
09/07/2023 2100	-16	287	-31	11	39	1.51
09/07/2023 2115	-19	290	-30	15	39	1.06
09/07/2023 2130	-22	292	-29	18	38	0.5
09/07/2023 2145	-25	294	-28	22	38	0.5
09/07/2023 2200	-28	297	-27	25	38	0.5
09/07/2023 2215	-31	300	-26	28	38	0.5
09/07/2023 2230	-34	303	-24	31	38	0.5
09/07/2023 2245	-36	306	-22	34	38	0.5
09/07/2023 2300	-39	309	-21	37	38	0.5
09/07/2023 2315	-41	313	-19	39	38	0.5
09/07/2023 2330	-43	317	-17	42	38	0.5
09/07/2023 2345	-46	321	-15	45	38	0.5
09/08/2023 0000	-47	326	-12	47	37	0.5
09/08/2023 0015	-49	331	-10	49	37	0.5
09/08/2023 0030	-51	336	-8	51	37	0.5
09/08/2023 0045	-52	342	-5	53	37	0.5
09/08/2023 0100	-53	348	-3	55	37	0.51
09/08/2023 0115	-53	354	0	57	37	0.61
09/08/2023 0130	-53	0	3	59	37	0.8
09/08/2023 0145	-53	7	5	61	37	1.09
09/08/2023 0200	-52	13	8	62	37	1.45
09/08/2023 0215	-52	19	11	64	37	1.88
09/08/2023 0230	-50	24	14	66	36	2.36
09/08/2023 0245	-49	30	16	67	36	2.88
09/08/2023 0300	-47	34	19	69	36	3.44
09/08/2023 0315	-45	39	22	70	36	4.04
09/08/2023 0330	-43	43	25	71	36	4.66
09/08/2023 0345	-41	47	28	73	36	5.31
09/08/2023 0400	-39	51	31	74	36	5.96
09/08/2023 0415	-36	54	34	75	36	6.62
09/08/2023 0430	-33	58	37	77	36	7.25
09/08/2023 0445	-31	61	40	78	36	7.84
09/08/2023 0500	-28	63	43	79	36	8.41
09/08/2023 0515	-25	66	46	81	35	9
09/08/2023 0530	-22	69	49	82	35	9.58
09/08/2023 0545	-19	71	52	83	35	10.72
09/08/2023 0600	-16	73	56	85	35	11.76
09/08/2023 0615	-13	75	59	86	35	16.38
09/08/2023 0630	-10	77	62	88	35	79.89
09/08/2023 0645	-6	79	65	90	35	2155.65

09/08/2023 0700	-3	81	68	91	35	63863.13
09/08/2023 0715	0	83	71	94	35	954207.66
09/08/2023 0730	3	85	74	96	35	3100742.34
09/08/2023 0745	6	87	78	100	34	6383714.61
09/08/2023 0800	10	89	81	106	34	10413747.66
09/08/2023 0815	13	91	84	115	34	15118935.02
09/08/2023 0830	16	93	86	138	34	20285352.23
09/08/2023 0845	19	95	87	193	34	25829813.56
09/08/2023 0900	22	97	85	234	34	31772683.89
09/08/2023 0915	26	99	82	249	34	37986211.56
09/08/2023 0930	29	101	79	257	34	44318817.84
09/08/2023 0945	32	104	76	262	34	50717937.95
09/08/2023 1000	35	106	73	265	34	57034223.9
09/08/2023 1015	38	109	70	267	33	62990930.31
09/08/2023 1030	41	112	67	269	33	68519973.65
09/08/2023 1045	44	115	64	271	33	73869430.85
09/08/2023 1100	47	118	61	273	33	79222787.3
09/08/2023 1115	50	122	57	274	33	84425991.01
09/08/2023 1130	52	126	54	276	33	89216664.11
09/08/2023 1145	55	131	51	277	33	93521727.31
09/08/2023 1200	57	136	48	279	33	97363496.21
09/08/2023 1215	59	142	45	280	33	100640302.7
09/08/2023 1230	61	148	42	281	33	103191907.1
09/08/2023 1245	63	156	39	283	33	104997016
09/08/2023 1300	64	164	36	284	32	106173906.3
09/08/2023 1315	64	172	33	285	32	106837675.8
09/08/2023 1330	65	181	30	286	32	107033477.9
09/08/2023 1345	64	189	27	288	32	106767396.3
09/08/2023 1400	63	198	24	289	32	106030136.5
09/08/2023 1415	62	205	21	291	32	104766554.7
09/08/2023 1430	61	212	18	292	32	102853321.5
09/08/2023 1445	59	219	15	294	32	100184663
09/08/2023 1500	57	225	12	295	32	96809458.57
09/08/2023 1515	54	230	10	297	32	92893406.52
09/08/2023 1530	52	234	7	298	31	88515138.31
09/08/2023 1545	49	238	4	300	31	83649118.63
09/08/2023 1600	46	242	2	302	31	78401691.71
09/08/2023 1615	44	245	-1	304	31	73044642.91
09/08/2023 1630	41	248	-4	306	31	67684027.23
09/08/2023 1645	38	251	-6	308	31	62096795.83
09/08/2023 1700	34	254	-9	310	31	56066712.31
09/08/2023 1715	31	256	-11	312	31	49715393.12
09/08/2023 1730	28	259	-13	314	31	43317489.2
09/08/2023 1745	25	261	-15	316	31	36993945.04
09/08/2023 1800	22	263	-18	319	31	30805259.95
09/08/2023 1815	19	265	-20	322	30	24916128.15
09/08/2023 1830	15	267	-21	324	30	19429482.68



09/08/2023 1845	12	269	-23	327	30	14319436.24
09/08/2023 1900	9	271	-25	330	30	9705850.13
09/08/2023 1915	6	273	-26	333	30	5789730.52
09/08/2023 1930	3	275	-28	337	30	2645473.63
09/08/2023 1945	0	277	-29	340	30	744234.81
09/08/2023 2000	-4	279	-30	343	30	37817.59
09/08/2023 2015	-7	281	-30	347	30	1152.03
09/08/2023 2030	-10	283	-31	351	30	40.99
09/08/2023 2045	-13	285	-31	354	30	4.21
09/08/2023 2100	-16	287	-32	358	29	1.43
09/08/2023 2115	-19	289	-32	2	29	1.04
09/08/2023 2130	-22	292	-32	5	29	0.5
09/08/2023 2145	-25	294	-31	9	29	0.5
09/08/2023 2200	-28	297	-31	13	29	0.5
09/08/2023 2215	-31	300	-30	16	29	0.5
09/08/2023 2230	-34	303	-29	20	29	0.5
09/08/2023 2245	-37	306	-28	23	29	0.5
09/08/2023 2300	-39	309	-26	26	29	0.5
09/08/2023 2315	-42	313	-25	29	29	0.5
09/08/2023 2330	-44	317	-23	33	29	0.5
09/08/2023 2345	-46	321	-22	35	28	0.5
09/09/2023 0000	-48	326	-20	38	28	0.5
09/09/2023 0015	-49	331	-18	41	28	0.5
09/09/2023 0030	-51	336	-16	43	28	0.5
09/09/2023 0045	-52	342	-14	46	28	0.5
09/09/2023 0100	-53	348	-11	48	28	0.5
09/09/2023 0115	-53	354	-9	50	28	0.5
09/09/2023 0130	-54	0	-7	52	28	0.5
09/09/2023 0145	-53	7	-4	54	28	0.5
09/09/2023 0200	-53	13	-2	56	28	0.52
09/09/2023 0215	-52	19	1	58	28	0.6
09/09/2023 0230	-51	25	4	60	27	0.74
09/09/2023 0245	-49	30	6	62	27	0.93
09/09/2023 0300	-48	35	9	63	27	1.16
09/09/2023 0315	-46	40	12	65	27	1.42
09/09/2023 0330	-43	44	15	67	27	1.72
09/09/2023 0345	-41	48	18	68	27	2.03
09/09/2023 0400	-39	51	20	70	27	2.37
09/09/2023 0415	-36	55	23	71	27	2.72
09/09/2023 0430	-33	58	26	72	27	3.09
09/09/2023 0445	-31	61	29	74	27	3.47
09/09/2023 0500	-28	64	32	75	27	3.85
09/09/2023 0515	-25	66	35	77	26	4.23
09/09/2023 0530	-22	69	38	78	26	4.59
09/09/2023 0545	-19	71	41	79	26	5.49
09/09/2023 0600	-16	73	45	81	26	6.3
09/09/2023 0615	-13	76	48	82	26	10.38

09/09/2023 0630	-10	78	51	84	26	65.97
09/09/2023 0645	-7	80	54	85	26	1857.62
09/09/2023 0700	-3	82	57	87	26	56726.62
09/09/2023 0715	0	84	60	88	26	902878.83
09/09/2023 0730	3	86	63	90	26	2995346.08
09/09/2023 0745	6	88	66	92	26	6248711.42
09/09/2023 0800	10	89	70	94	25	10252862.03
09/09/2023 0815	13	91	73	97	25	14936493.51
09/09/2023 0830	16	93	76	101	25	20087355.63
09/09/2023 0845	19	95	79	106	25	25613628
09/09/2023 0900	22	97	82	114	25	31537313.03
09/09/2023 0915	25	100	84	130	25	37736120.5
09/09/2023 0930	29	102	86	165	25	44054917.49
09/09/2023 0945	32	104	86	212	25	50439592.03
09/09/2023 1000	35	107	83	237	25	56749247.47
09/09/2023 1015	38	109	81	249	25	62708497.14
09/09/2023 1030	41	112	78	256	25	68232976.71
09/09/2023 1045	44	115	74	260	25	73558474.02
09/09/2023 1100	47	119	71	264	24	78880045.83
09/09/2023 1115	49	123	68	266	24	84062579.7
09/09/2023 1130	52	127	65	268	24	88842547.87
09/09/2023 1145	55	131	62	270	24	93132231.76
09/09/2023 1200	57	137	59	272	24	96955371.13
09/09/2023 1215	59	142	56	274	24	100229153.2
09/09/2023 1230	61	149	52	275	24	102800460.1
09/09/2023 1245	62	156	49	277	24	104631725.7
09/09/2023 1300	63	164	46	278	24	105822525.5
09/09/2023 1315	64	172	43	279	24	106484976.7
09/09/2023 1330	64	181	40	281	24	106671616
09/09/2023 1345	64	189	37	282	24	106392204.8
09/09/2023 1400	63	197	34	283	23	105631032.9
09/09/2023 1415	62	205	31	285	23	104323270.6
09/09/2023 1430	60	212	28	286	23	102349840
09/09/2023 1445	59	219	25	287	23	99629916.11
09/09/2023 1500	56	224	22	289	23	96233306.5
09/09/2023 1515	54	229	19	290	23	92314652.43
09/09/2023 1530	52	234	16	292	23	87928049.99
09/09/2023 1545	49	238	13	293	23	83051651.79
09/09/2023 1600	46	242	10	295	23	77816540.45
09/09/2023 1615	43	245	8	297	23	72491731.32
09/09/2023 1630	40	248	5	298	23	67147630.21
09/09/2023 1645	37	251	2	300	23	61544209.83
09/09/2023 1700	34	254	0	302	22	55492347.97
09/09/2023 1715	31	256	-3	304	22	49142233.21
09/09/2023 1730	28	258	-6	306	22	42761431.77
09/09/2023 1745	25	261	-8	308	22	36455775.58
09/09/2023 1800	22	263	-11	310	22	30292475.77

09/09/2023 1815	18	265	-13	312	22	24440882.42
09/09/2023 1830	15	267	-15	314	22	18989713.65
09/09/2023 1845	12	269	-18	317	22	13914245.28
09/09/2023 1900	9	271	-20	320	22	9352902.55
09/09/2023 1915	6	273	-22	322	22	5496360.14
09/09/2023 1930	3	275	-23	325	22	2428506.26
09/09/2023 1945	-1	276	-25	328	22	438050.87
09/09/2023 2000	-4	278	-27	331	21	28717.26
09/09/2023 2015	-7	280	-28	334	21	841.88
09/09/2023 2030	-10	282	-29	338	21	31.88
09/09/2023 2045	-14	285	-31	341	21	3.64
09/09/2023 2100	-17	287	-31	345	21	1.36
09/09/2023 2115	-20	289	-32	349	21	1.03
09/09/2023 2130	-23	291	-33	352	21	0.5
09/09/2023 2145	-26	294	-33	356	21	0.5
09/09/2023 2200	-29	296	-33	0	21	0.5
09/09/2023 2215	-31	299	-33	4	21	0.5
09/09/2023 2230	-34	302	-33	8	21	0.5
09/09/2023 2245	-37	305	-32	11	21	0.5
09/09/2023 2300	-39	309	-32	15	20	0.5
09/09/2023 2315	-42	313	-31	19	20	0.5
09/09/2023 2330	-44	317	-30	22	20	0.5
09/09/2023 2345	-46	321	-28	26	20	0.5
09/10/2023 0000	-48	326	-27	29	20	0.5
09/10/2023 0015	-50	331	-26	32	20	0.5
09/10/2023 0030	-51	336	-24	35	20	0.5
09/10/2023 0045	-52	342	-22	38	20	0.5
09/10/2023 0100	-53	348	-20	41	20	0.5
09/10/2023 0115	-54	354	-18	43	20	0.5
09/10/2023 0130	-54	1	-16	46	20	0.5
09/10/2023 0145	-54	7	-14	48	20	0.5
09/10/2023 0200	-53	13	-11	51	20	0.5
09/10/2023 0215	-52	19	-9	53	19	0.5
09/10/2023 0230	-51	25	-6	55	19	0.5
09/10/2023 0245	-50	30	-4	57	19	0.5
09/10/2023 0300	-48	35	-1	59	19	0.51
09/10/2023 0315	-46	40	2	61	19	0.57
09/10/2023 0330	-44	44	4	63	19	0.65
09/10/2023 0345	-41	48	7	64	19	0.76
09/10/2023 0400	-39	52	10	66	19	0.89
09/10/2023 0415	-36	55	13	68	19	1.03
09/10/2023 0430	-34	58	16	69	19	1.19
09/10/2023 0445	-31	61	19	71	19	1.36
09/10/2023 0500	-28	64	21	72	19	1.54
09/10/2023 0515	-25	67	24	74	18	1.73
09/10/2023 0530	-22	69	27	75	18	1.93
09/10/2023 0545	-19	72	30	77	18	2.68

09/10/2023 0600	-16	74	34	78	18	3.33
09/10/2023 0615	-13	76	37	80	18	6.91
09/10/2023 0630	-10	78	40	81	18	55.55
09/10/2023 0645	-7	80	43	83	18	1601.71
09/10/2023 0700	-4	82	46	84	18	50303.98
09/10/2023 0715	0	84	49	86	18	853621.66
09/10/2023 0730	3	86	52	88	18	2891264.41
09/10/2023 0745	6	88	55	89	18	6114173.69
09/10/2023 0800	9	90	58	91	18	10092143.7
09/10/2023 0815	13	92	62	93	18	14753558.96
09/10/2023 0830	16	94	65	96	18	19888438.12
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09/10/2023 0900	22	98	71	102	17	31300160.67
09/10/2023 0915	25	100	74	107	17	37483616.23
09/10/2023 0930	28	102	77	113	17	43788191.55
09/10/2023 0945	32	105	80	122	17	50157809.03
09/10/2023 1000	35	107	82	136	17	56459898.5
09/10/2023 1015	38	110	84	160	17	62421251.44
09/10/2023 1030	41	113	84	191	17	67941676.72
09/10/2023 1045	44	116	83	218	17	73243638.76
09/10/2023 1100	46	119	80	234	17	78532579.08
09/10/2023 1115	49	123	78	244	17	83692889.55
09/10/2023 1130	52	127	75	251	17	88461553.78
09/10/2023 1145	54	132	72	256	17	92736217.91
09/10/2023 1200	57	137	69	259	16	96539875.16
09/10/2023 1215	59	143	65	262	16	99807367.16
09/10/2023 1230	60	149	62	265	16	102394713.5
09/10/2023 1245	62	157	59	267	16	104251036.7
09/10/2023 1300	63	164	56	269	16	105457594.6
09/10/2023 1315	64	173	53	271	16	106121298.7
09/10/2023 1330	64	181	50	273	16	106299595.8
09/10/2023 1345	63	189	47	274	16	106004757.1
09/10/2023 1400	63	197	43	276	16	105215463
09/10/2023 1415	62	205	40	277	16	103860331.2
09/10/2023 1430	60	212	37	279	16	101828140.9
09/10/2023 1445	58	218	34	280	16	99062706.9
09/10/2023 1500	56	224	31	282	16	95649619.4
09/10/2023 1515	54	229	28	283	16	91728789.65
09/10/2023 1530	51	234	25	285	15	87332587.15
09/10/2023 1545	49	238	22	286	15	82447447.11
09/10/2023 1600	46	241	19	288	15	77228148.74
09/10/2023 1615	43	245	16	289	15	71936144.81
09/10/2023 1630	40	248	13	291	15	66605508.95
09/10/2023 1645	37	251	10	292	15	60983756.62
09/10/2023 1700	34	253	7	294	15	54911635.45
09/10/2023 1715	31	256	4	296	15	48565226.08
09/10/2023 1730	28	258	2	297	15	42202323.35

09/10/2023 1745	25	260	-1	299	15	35915051.19
09/10/2023 1800	21	262	-4	301	15	29778731.89
09/10/2023 1815	18	265	-7	303	15	23965618.8
09/10/2023 1830	15	267	-9	305	15	18549760.79
09/10/2023 1845	12	269	-12	307	15	13510189.59
09/10/2023 1900	9	270	-14	310	14	9003039.47
09/10/2023 1915	5	272	-17	312	14	5206479.47
09/10/2023 1930	2	274	-19	314	14	2219862.49
09/10/2023 1945	-1	276	-21	317	14	363555.13
09/10/2023 2000	-4	278	-23	320	14	21635.99
09/10/2023 2015	-8	280	-25	323	14	615.62
09/10/2023 2030	-11	282	-27	326	14	24.99
09/10/2023 2045	-14	284	-29	329	14	3.18
09/10/2023 2100	-17	286	-30	332	14	1.3
09/10/2023 2115	-20	289	-32	336	14	1.02
09/10/2023 2130	-23	291	-33	339	14	0.5
09/10/2023 2145	-26	294	-34	343	14	0.5
09/10/2023 2200	-29	296	-35	347	14	0.5
09/10/2023 2215	-32	299	-35	351	14	0.5
09/10/2023 2230	-35	302	-36	355	14	0.5
09/10/2023 2245	-37	305	-36	359	13	0.5
09/10/2023 2300	-40	309	-36	3	13	0.5
09/10/2023 2315	-42	312	-36	7	13	0.5
09/10/2023 2330	-44	316	-35	11	13	0.5
09/10/2023 2345	-47	321	-34	15	13	0.5
09/11/2023 0000	-49	326	-34	19	13	0.5
09/11/2023 0015	-50	331	-33	23	13	0.5
09/11/2023 0030	-52	336	-31	26	13	0.5
09/11/2023 0045	-53	342	-30	30	13	0.5
09/11/2023 0100	-54	348	-28	33	13	0.5
09/11/2023 0115	-54	354	-27	36	13	0.5
09/11/2023 0130	-54	1	-25	39	13	0.5
09/11/2023 0145	-54	7	-23	42	13	0.5
09/11/2023 0200	-54	13	-21	45	13	0.5
09/11/2023 0215	-53	19	-18	47	13	0.5
09/11/2023 0230	-51	25	-16	50	12	0.5
09/11/2023 0245	-50	31	-14	52	12	0.5
09/11/2023 0300	-48	36	-11	55	12	0.5
09/11/2023 0315	-46	40	-9	57	12	0.5
09/11/2023 0330	-44	45	-6	59	12	0.5
09/11/2023 0345	-42	49	-3	61	12	0.5
09/11/2023 0400	-39	52	0	63	12	0.51
09/11/2023 0415	-37	56	2	65	12	0.54
09/11/2023 0430	-34	59	5	67	12	0.58
09/11/2023 0445	-31	62	8	68	12	0.63
09/11/2023 0500	-28	65	11	70	12	0.69
09/11/2023 0515	-25	67	14	72	12	0.75

09/11/2023 0530	-22	70	17	73	12	0.83
09/11/2023 0545	-19	72	20	75	12	1.45
09/11/2023 0600	-16	74	23	77	12	1.95
09/11/2023 0615	-13	76	26	78	11	5.1
09/11/2023 0630	-10	78	29	80	11	47.77
09/11/2023 0645	-7	80	32	81	11	1382.1
09/11/2023 0700	-4	82	35	83	11	44535.68
09/11/2023 0715	0	84	38	85	11	806369.11
09/11/2023 0730	3	86	41	86	11	2788545.76
09/11/2023 0745	6	88	44	88	11	5980094.25
09/11/2023 0800	9	90	47	90	11	9931589.6
09/11/2023 0815	12	92	50	92	11	14570125.31
09/11/2023 0830	16	94	54	94	11	19688574.1
09/11/2023 0845	19	96	57	96	11	25177651.75
09/11/2023 0900	22	98	60	99	11	31061212.22
09/11/2023 0915	25	100	63	102	11	37228670.53
09/11/2023 0930	28	103	66	106	11	43518608.59
09/11/2023 0945	31	105	69	110	11	49872573.17
09/11/2023 1000	35	108	72	115	11	56166149.91
09/11/2023 1015	38	110	75	122	10	62129117.22
09/11/2023 1030	41	113	77	132	10	67645989.79
09/11/2023 1045	43	116	79	145	10	72924925.99
09/11/2023 1100	46	120	80	163	10	78180479.54
09/11/2023 1115	49	124	81	184	10	83316983.32
09/11/2023 1130	52	128	80	204	10	88073631.3
09/11/2023 1145	54	132	78	220	10	92333655.78
09/11/2023 1200	56	138	76	231	10	96117226.23
09/11/2023 1215	58	144	73	240	10	99375375.57
09/11/2023 1230	60	150	71	246	10	101974879.9
09/11/2023 1245	62	157	68	251	10	103854447.2
09/11/2023 1300	63	165	65	255	10	105077739.5
09/11/2023 1315	63	173	61	258	10	105744591.3
09/11/2023 1330	63	181	58	261	10	105915028.7
09/11/2023 1345	63	189	55	263	10	105602762.5
09/11/2023 1400	62	197	52	265	10	104781851.4
09/11/2023 1415	61	205	49	267	10	103377455.5
09/11/2023 1430	60	212	46	269	9	101289158
09/11/2023 1445	58	218	43	271	9	98484239.35
09/11/2023 1500	56	224	39	273	9	95058947.94
09/11/2023 1515	53	229	36	275	9	91135794.22
09/11/2023 1530	51	233	33	276	9	86728910.23
09/11/2023 1545	48	237	30	278	9	81837123.6
09/11/2023 1600	45	241	27	279	9	76637069.62
09/11/2023 1615	43	244	24	281	9	71377937.96
09/11/2023 1630	40	247	21	283	9	66057506.09
09/11/2023 1645	37	250	18	284	9	60415590
09/11/2023 1700	34	253	15	286	9	54325034.78

09/11/2023 1715	31	255	12	287	9	47984762.32
09/11/2023 1730	27	258	9	289	9	41640422.38
09/11/2023 1745	24	260	6	291	9	35372113.81
09/11/2023 1800	21	262	3	292	9	29264414.88
09/11/2023 1815	18	264	0	294	9	23490574.53
09/11/2023 1830	15	266	-3	296	9	18109859.66
09/11/2023 1845	11	268	-6	298	9	13107673.39
09/11/2023 1900	8	270	-9	300	8	8656527.75
09/11/2023 1915	5	272	-11	302	8	4920391.1
09/11/2023 1930	2	274	-14	304	8	2020309.81
09/11/2023 1945	-1	276	-16	307	8	298898.37
09/11/2023 2000	-5	278	-19	309	8	16182.52
09/11/2023 2015	-8	280	-21	312	8	450.92
09/11/2023 2030	-11	282	-24	314	8	19.77
09/11/2023 2045	-14	284	-26	317	8	2.8
09/11/2023 2100	-17	286	-28	320	8	1.26
09/11/2023 2115	-20	288	-30	323	8	0.5
09/11/2023 2130	-23	291	-32	327	8	0.5
09/11/2023 2145	-26	293	-33	330	8	0.5
09/11/2023 2200	-29	296	-35	334	8	0.5
09/11/2023 2215	-32	299	-36	338	8	0.5
09/11/2023 2230	-35	302	-37	342	8	0.5
09/11/2023 2245	-38	305	-38	346	8	0.5
09/11/2023 2300	-40	308	-39	350	8	0.5
09/11/2023 2315	-43	312	-39	354	8	0.5
09/11/2023 2330	-45	316	-40	359	8	0.5
09/11/2023 2345	-47	321	-40	3	7	0.5
09/12/2023 0000	-49	325	-39	7	7	0.5
09/12/2023 0015	-51	331	-39	12	7	0.5
09/12/2023 0030	-52	336	-38	16	7	0.5
09/12/2023 0045	-53	342	-37	20	7	0.5
09/12/2023 0100	-54	348	-36	24	7	0.5
09/12/2023 0115	-55	355	-35	28	7	0.5
09/12/2023 0130	-55	1	-33	32	7	0.5
09/12/2023 0145	-54	7	-32	35	7	0.5
09/12/2023 0200	-54	14	-30	38	7	0.5
09/12/2023 0215	-53	20	-28	42	7	0.5
09/12/2023 0230	-52	26	-26	45	7	0.5
09/12/2023 0245	-50	31	-24	47	7	0.5
09/12/2023 0300	-48	36	-21	50	7	0.5
09/12/2023 0315	-46	41	-19	53	7	0.5
09/12/2023 0330	-44	45	-16	55	7	0.5
09/12/2023 0345	-42	49	-14	58	7	0.5
09/12/2023 0400	-39	53	-11	60	7	0.5
09/12/2023 0415	-37	56	-9	62	7	0.5
09/12/2023 0430	-34	59	-6	64	7	0.5
09/12/2023 0445	-31	62	-3	66	6	0.5

09/12/2023 0500	-28	65	0	68	6	0.5
09/12/2023 0515	-25	68	3	70	6	0.51
09/12/2023 0530	-22	70	6	72	6	0.53
09/12/2023 0545	-19	72	9	73	6	1.09
09/12/2023 0600	-16	75	12	75	6	1.49
09/12/2023 0615	-13	77	15	77	6	4.3
09/12/2023 0630	-10	79	18	79	6	41.8
09/12/2023 0645	-7	81	21	80	6	1193.41
09/12/2023 0700	-4	83	24	82	6	39365.25
09/12/2023 0715	0	85	27	84	6	761041.89
09/12/2023 0730	3	87	30	86	6	2687242.31
09/12/2023 0745	6	89	33	87	6	5846469.74
09/12/2023 0800	9	91	36	89	6	9771199.87
09/12/2023 0815	12	93	39	91	6	14386191.51
09/12/2023 0830	16	95	43	93	6	19487742.81
09/12/2023 0845	19	97	46	95	6	24957823.52
09/12/2023 0900	22	99	49	98	6	30820459.35
09/12/2023 0915	25	101	52	100	6	36971262.55
09/12/2023 0930	28	103	55	103	6	43246143.67
09/12/2023 0945	31	106	58	106	6	49583876.44
09/12/2023 1000	34	108	61	110	5	55867984.99
09/12/2023 1015	37	111	64	114	5	61832027.25
09/12/2023 1030	40	114	67	119	5	67345835.01
09/12/2023 1045	43	117	69	125	5	72602338.23
09/12/2023 1100	46	120	72	133	5	77823850.72
09/12/2023 1115	49	124	74	143	5	82934945.92
09/12/2023 1130	51	128	75	154	5	87678746.38
09/12/2023 1145	54	133	76	168	5	91924509.14
09/12/2023 1200	56	138	77	183	5	95687629.06
09/12/2023 1215	58	144	76	198	5	98933642.87
09/12/2023 1230	60	150	75	211	5	101541301.1
09/12/2023 1245	61	158	73	221	5	103441672.7
09/12/2023 1300	62	165	70	230	5	104681836.5
09/12/2023 1315	63	173	68	236	5	105353050.3
09/12/2023 1330	63	181	65	242	5	105515792
09/12/2023 1345	63	190	62	246	5	105184272.9
09/12/2023 1400	62	197	59	250	5	104329050.6
09/12/2023 1415	61	205	56	254	5	102874763.6
09/12/2023 1430	59	212	53	257	5	100734030.4
09/12/2023 1445	57	218	50	259	5	97895686.52
09/12/2023 1500	55	223	47	262	5	94461728.57
09/12/2023 1515	53	228	44	264	5	90535616.98
09/12/2023 1530	51	233	41	266	5	86117249.46
09/12/2023 1545	48	237	37	268	5	81221343.98
09/12/2023 1600	45	241	34	270	4	76043815.77
09/12/2023 1615	42	244	31	272	4	70817109.32
09/12/2023 1630	39	247	28	273	4	65503469.03



09/12/2023 1645	36	250	25	275	4	59839909.26
09/12/2023 1700	33	253	22	277	4	53733023.22
09/12/2023 1715	30	255	18	278	4	47401217.67
09/12/2023 1730	27	257	15	280	4	41075984.78
09/12/2023 1745	24	260	12	282	4	34827316.43
09/12/2023 1800	21	262	9	284	4	28749902.22
09/12/2023 1815	18	264	6	285	4	23015970.53
09/12/2023 1830	14	266	3	287	4	17670256.15
09/12/2023 1845	11	268	1	289	4	12707102.4
09/12/2023 1900	8	270	-3	291	4	8313607.33
09/12/2023 1915	5	272	-6	293	4	4638437.03
09/12/2023 1930	2	274	-9	295	4	1830571.9
09/12/2023 1945	-2	276	-12	297	4	243414.15
09/12/2023 2000	-5	278	-14	299	4	12023.66
09/12/2023 2015	-8	280	-17	301	4	331.16
09/12/2023 2030	-11	282	-20	303	4	15.78
09/12/2023 2045	-14	284	-22	306	4	2.49
09/12/2023 2100	-17	286	-25	308	4	1.22
09/12/2023 2115	-21	288	-27	311	4	0.5
09/12/2023 2130	-24	291	-30	314	4	0.5
09/12/2023 2145	-27	293	-32	317	4	0.5
09/12/2023 2200	-29	296	-34	321	4	0.5
09/12/2023 2215	-32	298	-36	324	4	0.5
09/12/2023 2230	-35	301	-37	328	3	0.5
09/12/2023 2245	-38	305	-39	332	3	0.5
09/12/2023 2300	-40	308	-40	336	3	0.5
09/12/2023 2315	-43	312	-42	340	3	0.5
09/12/2023 2330	-45	316	-43	345	3	0.5
09/12/2023 2345	-47	320	-43	349	3	0.5
09/13/2023 0000	-49	325	-44	354	3	0.5
09/13/2023 0015	-51	330	-44	359	3	0.5
09/13/2023 0030	-52	336	-44	4	3	0.5
09/13/2023 0045	-54	342	-44	9	3	0.5
09/13/2023 0100	-54	348	-43	13	3	0.5
09/13/2023 0115	-55	355	-42	18	3	0.5
09/13/2023 0130	-55	1	-41	22	3	0.5
09/13/2023 0145	-55	8	-40	27	3	0.5
09/13/2023 0200	-54	14	-39	31	3	0.5
09/13/2023 0215	-53	20	-37	35	3	0.5
09/13/2023 0230	-52	26	-35	38	3	0.5
09/13/2023 0245	-50	31	-33	42	3	0.5
09/13/2023 0300	-49	36	-31	45	3	0.5
09/13/2023 0315	-47	41	-29	48	3	0.5
09/13/2023 0330	-44	45	-27	51	3	0.5
09/13/2023 0345	-42	49	-24	54	3	0.5
09/13/2023 0400	-40	53	-22	57	3	0.5
09/13/2023 0415	-37	57	-19	59	3	0.5

09/13/2023 0430	-34	60	-16	62	3	0.5
09/13/2023 0445	-31	63	-14	64	3	0.5
09/13/2023 0500	-29	65	-11	66	3	0.5
09/13/2023 0515	-26	68	-8	68	3	0.5
09/13/2023 0530	-23	70	-5	70	3	0.5
09/13/2023 0545	-20	73	-2	72	3	1.03
09/13/2023 0600	-16	75	1	74	2	1.39
09/13/2023 0615	-13	77	4	76	2	3.93
09/13/2023 0630	-10	79	7	78	2	36.97
09/13/2023 0645	-7	81	10	80	2	1031.05
09/13/2023 0700	-4	83	13	82	2	34739.79
09/13/2023 0715	0	85	16	83	2	717547.96
09/13/2023 0730	3	87	19	85	2	2587409.59
09/13/2023 0745	6	89	22	87	2	5713300.19
09/13/2023 0800	9	91	25	89	2	9610977.01
09/13/2023 0815	12	93	28	91	2	14201760.86
09/13/2023 0830	15	95	31	93	2	19285927.81
09/13/2023 0845	19	97	35	95	2	24736751.04
09/13/2023 0900	22	99	38	97	2	30577899.69
09/13/2023 0915	25	101	41	99	2	36711378.08
09/13/2023 0930	28	104	44	102	2	42970777.83
09/13/2023 0945	31	106	47	105	2	49291717.89
09/13/2023 1000	34	109	50	108	2	55565396.82
09/13/2023 1015	37	111	53	111	2	61529922.95
09/13/2023 1030	40	114	56	115	2	67041133.77
09/13/2023 1045	43	117	59	119	2	72275877.97
09/13/2023 1100	46	121	61	123	2	77462805.36
09/13/2023 1115	49	125	64	129	2	82546884.17
09/13/2023 1130	51	129	66	136	2	87276883.19
09/13/2023 1145	54	134	68	143	2	91508736.44
09/13/2023 1200	56	139	70	152	2	95251270.64
09/13/2023 1215	58	145	71	162	2	98482655.33
09/13/2023 1230	59	151	71	173	2	101094436.2
09/13/2023 1245	61	158	71	185	2	103012648
09/13/2023 1300	62	165	71	196	2	104269040.7
09/13/2023 1315	62	173	70	206	2	104945172.3
09/13/2023 1330	63	182	68	215	2	105100096.3
09/13/2023 1345	62	190	66	222	2	104747742.2
09/13/2023 1400	62	197	64	229	2	103856362.8
09/13/2023 1415	60	205	61	235	2	102352749
09/13/2023 1430	59	211	59	239	2	100164049.2
09/13/2023 1445	57	218	56	243	2	97298153.79
09/13/2023 1500	55	223	53	247	2	93858283.7
09/13/2023 1515	53	228	50	250	1	89928201.63
09/13/2023 1530	50	233	47	253	1	85497911.87
09/13/2023 1545	48	237	44	256	1	80600804.91
09/13/2023 1600	45	240	41	258	1	75448850.59

09/13/2023 1615	42	244	37	261	1	70253604.59
09/13/2023 1630	39	247	34	263	1	64943258.32
09/13/2023 1645	36	250	31	265	1	59256960.64
09/13/2023 1700	33	252	28	267	1	53136091.15
09/13/2023 1715	30	255	25	269	1	46814952.3
09/13/2023 1730	27	257	22	271	1	40509267.1
09/13/2023 1745	24	259	19	272	1	34281023.52
09/13/2023 1800	21	262	15	274	1	28235560.46
09/13/2023 1815	17	264	12	276	1	22542013.3
09/13/2023 1830	14	266	9	278	1	17231208.96
09/13/2023 1845	11	268	6	279	1	12308880.62
09/13/2023 1900	8	270	3	281	1	7974492.65
09/13/2023 1915	5	272	0	283	1	4361005.92
09/13/2023 1930	2	273	-3	285	1	1651300.87
09/13/2023 1945	-2	275	-6	287	1	196347.22
09/13/2023 2000	-5	277	-9	289	1	8881.09
09/13/2023 2015	-8	279	-12	291	1	244.09
09/13/2023 2030	-12	281	-15	293	1	12.71
09/13/2023 2045	-15	283	-18	295	1	2.24
09/13/2023 2100	-18	286	-21	297	1	1.18
09/13/2023 2115	-21	288	-24	300	1	0.5
09/13/2023 2130	-24	290	-26	302	1	0.5
09/13/2023 2145	-27	293	-29	305	1	0.5
09/13/2023 2200	-30	295	-32	308	1	0.5
09/13/2023 2215	-33	298	-34	311	1	0.5
09/13/2023 2230	-35	301	-36	314	1	0.5
09/13/2023 2245	-38	304	-38	318	1	0.5
09/13/2023 2300	-41	308	-41	322	1	0.5
09/13/2023 2315	-43	312	-42	326	1	0.5
09/13/2023 2330	-46	316	-44	330	1	0.5
09/13/2023 2345	-48	320	-46	334	1	0.5
09/14/2023 0000	-50	325	-47	339	1	0.5
09/14/2023 0015	-51	330	-48	344	1	0.5
09/14/2023 0030	-53	336	-49	349	1	0.5
09/14/2023 0045	-54	342	-49	355	1	0.5
09/14/2023 0100	-55	348	-49	0	1	0.5
09/14/2023 0115	-55	355	-49	6	1	0.5
09/14/2023 0130	-55	1	-49	11	1	0.5
09/14/2023 0145	-55	8	-48	16	1	0.5
09/14/2023 0200	-55	14	-47	21	1	0.5
09/14/2023 0215	-54	20	-46	26	1	0.5
09/14/2023 0230	-52	26	-45	31	1	0.5
09/14/2023 0245	-51	32	-43	35	1	0.5
09/14/2023 0300	-49	37	-41	39	1	0.5
09/14/2023 0315	-47	42	-39	43	1	0.5
09/14/2023 0330	-45	46	-37	47	1	0.5
09/14/2023 0345	-42	50	-35	50	1	0.5

09/14/2023 0400	-40	54	-32	53	1	0.5
09/14/2023 0415	-37	57	-30	56	1	0.5
09/14/2023 0430	-34	60	-27	59	1	0.5
09/14/2023 0445	-32	63	-25	62	0	0.5
09/14/2023 0500	-29	66	-22	64	0	0.5
09/14/2023 0515	-26	68	-19	67	0	0.5
09/14/2023 0530	-23	71	-16	69	0	0.5
09/14/2023 0545	-20	73	-13	71	0	1.02
09/14/2023 0600	-17	75	-10	73	0	1.36
09/14/2023 0615	-14	78	-7	75	0	3.66
09/14/2023 0630	-10	80	-4	77	0	32.84
09/14/2023 0645	-7	82	-1	79	0	891.15
09/14/2023 0700	-4	84	2	81	0	30609.9
09/14/2023 0715	-1	86	5	83	0	459369.49
09/14/2023 0730	3	87	8	85	0	2489105.91
09/14/2023 0745	6	89	11	87	0	5580588.94
09/14/2023 0800	9	91	14	89	0	9450925.44
09/14/2023 0815	12	93	17	91	0	14016840.48
09/14/2023 0830	15	95	20	93	0	19083116.35
09/14/2023 0845	18	97	23	95	0	24514425.61
09/14/2023 0900	22	99	27	97	0	30333535.86
09/14/2023 0915	25	102	30	99	0	36449008.84
09/14/2023 0930	28	104	33	101	0	42692497.34
09/14/2023 0945	31	106	36	104	0	48996102.75
09/14/2023 1000	34	109	39	106	0	55258387.65
09/14/2023 1015	37	112	42	109	0	61222754.2
09/14/2023 1030	40	115	45	112	0	66731809.45
09/14/2023 1045	43	118	48	115	0	71945546.39
09/14/2023 1100	46	121	50	119	0	77097463.44
09/14/2023 1115	48	125	53	123	0	82152925.97
09/14/2023 1130	51	129	56	127	0	86868045.71
09/14/2023 1145	53	134	58	132	0	91086292.29
09/14/2023 1200	56	139	60	138	0	94808315.99
09/14/2023 1215	57	145	62	145	0	98022908.62
09/14/2023 1230	59	151	64	152	0	100634846.5
09/14/2023 1245	61	158	65	160	0	102567523.4
09/14/2023 1300	62	166	66	168	0	103838803.8
09/14/2023 1315	62	174	66	177	0	104519795.4
09/14/2023 1330	62	182	66	186	0	104666537.8
09/14/2023 1345	62	190	65	195	0	104292064.7
09/14/2023 1400	61	197	64	203	0	103363541.5
09/14/2023 1415	60	205	63	211	0	101812237.4
09/14/2023 1430	58	211	61	218	0	99580600.44
09/14/2023 1445	57	217	59	223	0	96692648.09
09/14/2023 1500	55	223	56	229	0	93248827.82
09/14/2023 1515	52	228	54	233	0	89313503.95
09/14/2023 1530	50	232	51	238	0	84871285.62

09/14/2023 1545	47	236	48	241	0	79976225.9
09/14/2023 1600	44	240	46	245	0	74852580.36
09/14/2023 1615	42	243	43	248	0	69687321.5
09/14/2023 1630	39	247	40	251	0	64376756.26
09/14/2023 1645	36	249	37	253	0	58667038.13
09/14/2023 1700	33	252	34	256	0	52534737.63
09/14/2023 1715	30	255	31	258	0	46226310.36
09/14/2023 1730	27	257	27	260	0	39940529.24
09/14/2023 1745	23	259	24	262	0	33733610.51
09/14/2023 1800	20	261	21	264	0	27721743.36
09/14/2023 1815	17	263	18	266	0	22068897.28
09/14/2023 1830	14	265	15	268	0	16792991.78
09/14/2023 1845	11	267	12	270	0	11913406.65
09/14/2023 1900	8	269	9	272	0	7639375.1
09/14/2023 1915	4	271	5	273	0	4088538.77
09/14/2023 1930	1	273	2	275	0	1483047.25
09/14/2023 1945	-2	275	-1	277	0	156883.31
09/14/2023 2000	-5	277	-4	279	0	6526.54
09/14/2023 2015	-9	279	-7	281	0	180.73
09/14/2023 2030	-12	281	-10	283	0	10.34
09/14/2023 2045	-15	283	-13	285	0	2.03
09/14/2023 2100	-18	285	-16	287	0	1.15
09/14/2023 2115	-21	288	-19	289	0	0.5
09/14/2023 2130	-24	290	-22	291	0	0.5
09/14/2023 2145	-27	292	-25	293	0	0.5
09/14/2023 2200	-30	295	-28	296	0	0.5
09/14/2023 2215	-33	298	-31	299	0	0.5
09/14/2023 2230	-36	301	-34	301	0	0.5
09/14/2023 2245	-39	304	-36	304	0	0.5
09/14/2023 2300	-41	308	-39	308	0	0.5
09/14/2023 2315	-44	311	-41	311	0	0.5
09/14/2023 2330	-46	316	-44	315	0	0.5
09/14/2023 2345	-48	320	-46	319	0	0.5
09/15/2023 0000	-50	325	-48	323	0	0.5
09/15/2023 0015	-52	330	-50	328	0	0.5
09/15/2023 0030	-53	336	-51	333	0	0.5
09/15/2023 0045	-54	342	-52	338	0	0.5
09/15/2023 0100	-55	348	-54	344	0	0.5
09/15/2023 0115	-56	355	-54	350	0	0.5
09/15/2023 0130	-56	1	-55	356	0	0.5
09/15/2023 0145	-56	8	-55	2	0	0.5
09/15/2023 0200	-55	15	-55	9	0	0.5
09/15/2023 0215	-54	21	-54	15	0	0.5
09/15/2023 0230	-53	27	-53	21	0	0.5
09/15/2023 0245	-51	32	-52	26	0	0.5
09/15/2023 0300	-49	37	-51	31	0	0.5
09/15/2023 0315	-47	42	-49	36	0	0.5

09/15/2023 0330	-45	46	-47	41	0	0.5
09/15/2023 0345	-43	50	-45	45	0	0.5
09/15/2023 0400	-40	54	-43	49	0	0.5
09/15/2023 0415	-37	57	-40	53	0	0.5
09/15/2023 0430	-35	61	-38	56	0	0.5
09/15/2023 0445	-32	63	-35	59	0	0.5
09/15/2023 0500	-29	66	-33	62	0	0.5
09/15/2023 0515	-26	69	-30	65	0	0.5
09/15/2023 0530	-23	71	-27	68	0	0.5
09/15/2023 0545	-20	74	-24	70	0	1.02
09/15/2023 0600	-17	76	-21	72	0	1.33
09/15/2023 0615	-14	78	-18	75	0	3.43
09/15/2023 0630	-10	80	-15	77	0	29.24
09/15/2023 0645	-7	82	-12	79	0	770.56
09/15/2023 0700	-4	84	-9	81	0	26929.73
09/15/2023 0715	-1	86	-6	83	0	422970.43
09/15/2023 0730	3	88	-3	85	0	2392391.55
09/15/2023 0745	6	90	0	87	0	5448342.13
09/15/2023 0800	9	92	3	89	0	9291050.73
09/15/2023 0815	12	94	6	91	0	13831440.47
09/15/2023 0830	15	96	9	93	0	18879298.59
09/15/2023 0845	18	98	12	95	0	24290840.93
09/15/2023 0900	22	100	15	97	0	30087374.45
09/15/2023 0915	25	102	18	99	0	36184151.53
09/15/2023 0930	28	104	22	101	0	42411292.58
09/15/2023 0945	31	107	25	103	0	48697041.18
09/15/2023 1000	34	109	28	105	0	54946967.91
09/15/2023 1015	37	112	31	108	0	60910478.89
09/15/2023 1030	40	115	34	110	0	66417786.83
09/15/2023 1045	43	118	36	113	0	71611341.75
09/15/2023 1100	45	122	39	116	0	76727949.97
09/15/2023 1115	48	126	42	119	0	81753219.28
09/15/2023 1130	51	130	45	123	0	86452259.24
09/15/2023 1145	53	135	47	127	0	90657129.14
09/15/2023 1200	55	140	50	131	0	94358904.83
09/15/2023 1215	57	146	52	135	0	97554895.3
09/15/2023 1230	59	152	54	141	0	100163177.7
09/15/2023 1245	60	159	56	146	0	102106652.7
09/15/2023 1300	61	166	57	152	0	103390880.6
09/15/2023 1315	62	174	59	159	0	104076125.6
09/15/2023 1330	62	182	60	166	0	104214131.5
09/15/2023 1345	62	190	60	173	1	103816593.1
09/15/2023 1400	61	197	60	180	1	102850772.9
09/15/2023 1415	60	204	60	188	1	101254333.5
09/15/2023 1430	58	211	59	195	1	98985109.85
09/15/2023 1445	56	217	58	202	1	96080053.93
09/15/2023 1500	54	223	57	208	1	92633479.1

09/15/2023 1515	52	228	55	214	1	88691511
09/15/2023 1530	49	232	53	219	1	84237841.54
09/15/2023 1545	47	236	51	224	1	79348336.96
09/15/2023 1600	44	240	49	229	1	74255348.01
09/15/2023 1615	41	243	46	233	1	69118116.3
09/15/2023 1630	38	246	44	236	1	63803875.42
09/15/2023 1645	35	249	41	240	1	58070483.23
09/15/2023 1700	32	252	38	243	1	51929466.19
09/15/2023 1715	29	254	35	246	1	45635620.42
09/15/2023 1730	26	257	32	248	1	39370037.39
09/15/2023 1745	23	259	29	251	1	33185462.95
09/15/2023 1800	20	261	26	253	1	27208790.14
09/15/2023 1815	17	263	23	255	1	21596807.58
09/15/2023 1830	14	265	20	258	1	16355894.85
09/15/2023 1845	10	267	17	260	1	11521069.87
09/15/2023 1900	7	269	14	262	1	7308426.79
09/15/2023 1915	4	271	11	264	1	3821532.59
09/15/2023 1930	1	273	8	265	1	1326228.22
09/15/2023 1945	-3	275	4	267	1	124179.21
09/15/2023 2000	-6	277	1	269	1	4775.99
09/15/2023 2015	-9	279	-2	271	1	134.56
09/15/2023 2030	-12	281	-5	273	1	8.49
09/15/2023 2045	-15	283	-8	275	1	1.86
09/15/2023 2100	-18	285	-11	277	1	1.12
09/15/2023 2115	-21	287	-15	278	1	0.5
09/15/2023 2130	-24	290	-18	280	1	0.5
09/15/2023 2145	-27	292	-21	282	1	0.5
09/15/2023 2200	-30	295	-24	285	1	0.5
09/15/2023 2215	-33	298	-27	287	1	0.5
09/15/2023 2230	-36	301	-30	289	1	0.5
09/15/2023 2245	-39	304	-33	292	1	0.5
09/15/2023 2300	-41	307	-36	294	1	0.5
09/15/2023 2315	-44	311	-38	297	1	0.5
09/15/2023 2330	-46	315	-41	300	1	0.5
09/15/2023 2345	-48	320	-44	303	1	0.5
09/16/2023 0000	-50	325	-46	307	1	0.5
09/16/2023 0015	-52	330	-49	311	1	0.5
09/16/2023 0030	-54	336	-51	315	1	0.5
09/16/2023 0045	-55	342	-53	320	1	0.5
09/16/2023 0100	-56	348	-55	325	1	0.5
09/16/2023 0115	-56	355	-57	331	1	0.5
09/16/2023 0130	-56	2	-58	337	1	0.5
09/16/2023 0145	-56	8	-59	344	1	0.5
09/16/2023 0200	-55	15	-60	351	1	0.5
09/16/2023 0215	-54	21	-61	358	1	0.5
09/16/2023 0230	-53	27	-61	5	1	0.5
09/16/2023 0245	-51	33	-60	13	1	0.5

09/16/2023 0300	-50	38	-59	20	1	0.5
09/16/2023 0315	-47	42	-58	26	2	0.5
09/16/2023 0330	-45	47	-57	32	2	0.5
09/16/2023 0345	-43	51	-55	38	2	0.5
09/16/2023 0400	-40	54	-53	43	2	0.5
09/16/2023 0415	-38	58	-51	48	2	0.5
09/16/2023 0430	-35	61	-49	52	2	0.5
09/16/2023 0445	-32	64	-46	56	2	0.5
09/16/2023 0500	-29	67	-44	59	2	0.5
09/16/2023 0515	-26	69	-41	63	2	0.5
09/16/2023 0530	-23	72	-38	66	2	0.5
09/16/2023 0545	-20	74	-35	69	2	0.5
09/16/2023 0600	-17	76	-32	71	2	1.3
09/16/2023 0615	-14	78	-29	74	2	3.22
09/16/2023 0630	-11	80	-27	76	2	26.1
09/16/2023 0645	-7	82	-24	78	2	666.6
09/16/2023 0700	-4	84	-21	80	2	23656.66
09/16/2023 0715	-1	86	-17	83	2	388707.48
09/16/2023 0730	2	88	-14	85	2	2297327.79
09/16/2023 0745	6	90	-11	87	2	5316568.04
09/16/2023 0800	9	92	-8	89	2	9131358.48
09/16/2023 0815	12	94	-5	90	2	13645572.76
09/16/2023 0830	15	96	-2	92	2	18674466.44
09/16/2023 0845	18	98	1	94	2	24065991.79
09/16/2023 0900	21	100	4	96	2	29839424.6
09/16/2023 0915	25	102	7	98	2	35916806.5
09/16/2023 0930	28	105	10	100	2	42127156.73
09/16/2023 0945	31	107	13	102	2	48394546.78
09/16/2023 1000	34	110	16	105	2	54631154.87
09/16/2023 1015	37	113	19	107	2	60593062.07
09/16/2023 1030	40	116	22	109	2	66098991.31
09/16/2023 1045	43	119	25	111	2	71273257.63
09/16/2023 1100	45	122	28	114	2	76354392.3
09/16/2023 1115	48	126	31	117	2	81347930.46
09/16/2023 1130	50	130	34	120	2	86029571.42
09/16/2023 1145	53	135	36	123	2	90221199.37
09/16/2023 1200	55	140	39	126	2	93903148.88
09/16/2023 1215	57	146	41	130	3	97079092.54
09/16/2023 1230	59	152	44	134	3	99680139.3
09/16/2023 1245	60	159	46	138	3	101630575
09/16/2023 1300	61	167	48	142	3	102925323.8
09/16/2023 1315	61	174	49	147	3	103613746.8
09/16/2023 1330	61	182	51	152	3	103742325.3
09/16/2023 1345	61	190	52	158	3	103321136.4
09/16/2023 1400	60	197	53	164	3	102318641.3
09/16/2023 1415	59	204	54	170	3	100680360
09/16/2023 1430	58	211	54	176	3	98378988.7



09/16/2023 1445	56	217	54	183	3	95461117.05
09/16/2023 1500	54	222	54	189	3	92012275.72
09/16/2023 1515	52	227	53	195	3	88062259.4
09/16/2023 1530	49	232	52	201	3	83598131.53
09/16/2023 1545	47	236	51	206	3	78717865.6
09/16/2023 1600	44	239	49	211	3	73657428.47
09/16/2023 1615	41	243	47	216	3	68545811.74
09/16/2023 1630	38	246	45	221	3	63224566.79
09/16/2023 1645	35	249	43	225	3	57467683.76
09/16/2023 1700	32	251	41	229	3	51320780.68
09/16/2023 1715	29	254	38	232	3	45043196.57
09/16/2023 1730	26	256	36	235	3	38798066.93
09/16/2023 1745	23	259	33	238	3	32636975.36
09/16/2023 1800	20	261	30	241	3	26697024.22
09/16/2023 1815	17	263	28	244	3	21125923.16
09/16/2023 1830	13	265	25	246	3	15920225.96
09/16/2023 1845	10	267	22	249	3	11132246.62
09/16/2023 1900	7	269	19	251	3	6981805.43
09/16/2023 1915	4	271	16	253	3	3560541.29
09/16/2023 1930	1	273	13	255	4	1181094.36
09/16/2023 1945	-3	275	10	257	4	97391.54
09/16/2023 2000	-6	276	7	259	4	3483.45
09/16/2023 2015	-9	278	4	261	4	100.82
09/16/2023 2030	-12	281	1	263	4	7.05
09/16/2023 2045	-16	283	-3	265	4	1.72
09/16/2023 2100	-19	285	-6	267	4	1.1
09/16/2023 2115	-22	287	-9	268	4	0.5
09/16/2023 2130	-25	289	-12	270	4	0.5
09/16/2023 2145	-28	292	-16	272	4	0.5
09/16/2023 2200	-31	295	-19	274	4	0.5
09/16/2023 2215	-34	297	-22	276	4	0.5
09/16/2023 2230	-36	300	-25	278	4	0.5
09/16/2023 2245	-39	304	-28	280	4	0.5
09/16/2023 2300	-42	307	-31	282	4	0.5
09/16/2023 2315	-44	311	-34	284	4	0.5
09/16/2023 2330	-47	315	-37	287	4	0.5
09/16/2023 2345	-49	320	-40	289	4	0.5
09/17/2023 0000	-51	325	-43	292	4	0.5
09/17/2023 0015	-53	330	-46	295	4	0.5
09/17/2023 0030	-54	336	-49	298	4	0.5
09/17/2023 0045	-55	342	-51	302	4	0.5
09/17/2023 0100	-56	348	-54	306	4	0.5
09/17/2023 0115	-56	355	-56	311	4	0.5
09/17/2023 0130	-57	2	-59	316	4	0.5
09/17/2023 0145	-56	9	-61	321	5	0.5
09/17/2023 0200	-56	15	-63	328	5	0.5
09/17/2023 0215	-55	21	-64	335	5	0.5

09/17/2023 0230	-53	27	-65	343	5	0.5
09/17/2023 0245	-52	33	-66	352	5	0.5
09/17/2023 0300	-50	38	-66	0	5	0.5
09/17/2023 0315	-48	43	-66	9	5	0.5
09/17/2023 0330	-45	47	-65	18	5	0.5
09/17/2023 0345	-43	51	-64	26	5	0.5
09/17/2023 0400	-40	55	-63	33	5	0.5
09/17/2023 0415	-38	58	-61	40	5	0.5
09/17/2023 0430	-35	61	-59	46	5	0.5
09/17/2023 0445	-32	64	-57	51	5	0.5
09/17/2023 0500	-29	67	-54	56	5	0.5
09/17/2023 0515	-26	70	-52	60	5	0.5
09/17/2023 0530	-23	72	-49	63	5	0.5
09/17/2023 0545	-20	74	-46	67	5	0.5
09/17/2023 0600	-17	77	-44	70	5	1.28
09/17/2023 0615	-14	79	-41	73	5	3.02
09/17/2023 0630	-11	81	-38	75	5	23.34
09/17/2023 0645	-8	83	-35	78	5	577
09/17/2023 0700	-4	85	-32	80	5	20751.21
09/17/2023 0715	-1	87	-29	82	6	356523.88
09/17/2023 0730	2	89	-26	84	6	2203975.97
09/17/2023 0745	5	91	-23	86	6	5185276.52
09/17/2023 0800	9	93	-20	88	6	8971853.45
09/17/2023 0815	12	94	-16	90	6	13459250.02
09/17/2023 0830	15	96	-13	92	6	18468612.5
09/17/2023 0845	18	99	-10	94	6	23839872.85
09/17/2023 0900	21	101	-7	96	6	29589696.67
09/17/2023 0915	24	103	-4	98	6	35646976.42
09/17/2023 0930	27	105	-1	100	6	41840084.41
09/17/2023 0945	31	108	2	102	6	48088635.02
09/17/2023 1000	34	110	5	104	6	54310971.26
09/17/2023 1015	37	113	8	106	6	60270475.17
09/17/2023 1030	39	116	11	108	6	65775348.15
09/17/2023 1045	42	119	14	110	6	70931281.13
09/17/2023 1100	45	123	17	112	6	75976917.35
09/17/2023 1115	48	127	20	115	6	80937242.21
09/17/2023 1130	50	131	22	117	6	85600053.07
09/17/2023 1145	53	136	25	120	6	89778457.73
09/17/2023 1200	55	141	28	123	6	93441130.36
09/17/2023 1215	57	146	30	126	6	96595950.49
09/17/2023 1230	58	153	33	129	7	99186483.07
09/17/2023 1245	60	160	35	132	7	101139990.9
09/17/2023 1300	60	167	37	136	7	102442468
09/17/2023 1315	61	174	39	139	7	103132615.2
09/17/2023 1330	61	182	41	143	7	103250994.6
09/17/2023 1345	61	190	43	148	7	102805937
09/17/2023 1400	60	197	45	152	7	101768077.9

09/17/2023 1415	59	204	46	157	7	100091791.7
09/17/2023 1430	57	211	47	162	7	97763585.48
09/17/2023 1445	56	217	48	167	7	94836436.09
09/17/2023 1500	53	222	48	173	7	91385196.03
09/17/2023 1515	51	227	48	178	7	87425851.78
09/17/2023 1530	49	231	48	184	7	82952783.74
09/17/2023 1545	46	236	48	189	7	78085523.25
09/17/2023 1600	44	239	47	194	7	73059025.87
09/17/2023 1615	41	243	46	199	7	67970206.19
09/17/2023 1630	38	246	45	204	7	62638827.17
09/17/2023 1645	35	248	44	209	7	56859071.68
09/17/2023 1700	32	251	42	213	7	50709181.36
09/17/2023 1715	29	254	40	217	8	44449340.14
09/17/2023 1730	26	256	38	221	8	38224905.24
09/17/2023 1745	23	258	36	225	8	32088549.81
09/17/2023 1800	19	260	33	228	8	26186752.4
09/17/2023 1815	16	262	31	231	8	20656420.34
09/17/2023 1830	13	265	28	234	8	15486310.95
09/17/2023 1845	10	266	26	237	8	10747296.53
09/17/2023 1900	7	268	23	240	8	6659660.48
09/17/2023 1915	4	270	20	242	8	3306173.34
09/17/2023 1930	1	272	17	244	8	1047694.45
09/17/2023 1945	-3	274	15	247	8	75702.2
09/17/2023 2000	-6	276	12	249	8	2534.87
09/17/2023 2015	-9	278	9	251	8	76.14
09/17/2023 2030	-13	280	6	253	8	5.95
09/17/2023 2045	-16	282	3	255	8	1.62
09/17/2023 2100	-19	284	0	257	8	1.08
09/17/2023 2115	-22	287	-4	258	8	0.5
09/17/2023 2130	-25	289	-7	260	8	0.5
09/17/2023 2145	-28	292	-10	262	9	0.5
09/17/2023 2200	-31	294	-13	264	9	0.5
09/17/2023 2215	-34	297	-16	265	9	0.5
09/17/2023 2230	-37	300	-19	267	9	0.5
09/17/2023 2245	-40	303	-22	269	9	0.5
09/17/2023 2300	-42	307	-25	271	9	0.5
09/17/2023 2315	-45	311	-28	273	9	0.5
09/17/2023 2330	-47	315	-32	275	9	0.5
09/17/2023 2345	-49	319	-35	277	9	0.5
09/18/2023 0000	-51	324	-38	279	9	0.5
09/18/2023 0015	-53	330	-41	281	9	0.5
09/18/2023 0030	-54	336	-44	283	9	0.5
09/18/2023 0045	-56	342	-47	286	9	0.5
09/18/2023 0100	-56	348	-50	289	9	0.5
09/18/2023 0115	-57	355	-53	292	9	0.5
09/18/2023 0130	-57	2	-56	296	9	0.5
09/18/2023 0145	-57	9	-58	300	9	0.5

09/18/2023 0200	-56	15	-61	304	10	0.5
09/18/2023 0215	-55	22	-64	309	10	0.5
09/18/2023 0230	-54	28	-66	316	10	0.5
09/18/2023 0245	-52	33	-68	323	10	0.5
09/18/2023 0300	-50	39	-70	331	10	0.5
09/18/2023 0315	-48	43	-71	341	10	0.5
09/18/2023 0330	-46	48	-72	352	10	0.5
09/18/2023 0345	-43	52	-72	3	10	0.5
09/18/2023 0400	-41	55	-72	14	10	0.5
09/18/2023 0415	-38	59	-71	24	10	0.5
09/18/2023 0430	-35	62	-69	34	10	0.5
09/18/2023 0445	-32	65	-67	42	10	0.5
09/18/2023 0500	-29	67	-65	48	10	0.5
09/18/2023 0515	-26	70	-63	54	10	0.5
09/18/2023 0530	-23	72	-60	59	10	0.5
09/18/2023 0545	-20	75	-58	64	10	0.5
09/18/2023 0600	-17	77	-55	68	11	1.26
09/18/2023 0615	-14	79	-52	71	11	2.85
09/18/2023 0630	-11	81	-49	74	11	20.92
09/18/2023 0645	-8	83	-46	77	11	499.76
09/18/2023 0700	-5	85	-43	79	11	18176.88
09/18/2023 0715	-1	87	-40	82	11	326358.57
09/18/2023 0730	2	89	-37	84	11	2112396.76
09/18/2023 0745	5	91	-34	86	11	5054478.62
09/18/2023 0800	8	93	-31	88	11	8812538.79
09/18/2023 0815	12	95	-28	90	11	13272484.83
09/18/2023 0830	15	97	-25	92	11	18261729.26
09/18/2023 0845	18	99	-22	94	11	23612477.64
09/18/2023 0900	21	101	-19	96	11	29338201.15
09/18/2023 0915	24	103	-16	98	11	35374665.42
09/18/2023 0930	27	106	-13	99	11	41550070.74
09/18/2023 0945	30	108	-10	101	12	47779322.11
09/18/2023 1000	33	111	-7	103	12	53986444.12
09/18/2023 1015	36	113	-4	105	12	59942695.37
09/18/2023 1030	39	116	0	107	12	65446782.02
09/18/2023 1045	42	120	3	109	12	70585391.53
09/18/2023 1100	45	123	5	111	12	75595649.01
09/18/2023 1115	48	127	8	113	12	80521351.55
09/18/2023 1130	50	131	11	115	12	85163799.01
09/18/2023 1145	52	136	14	117	12	89328864.33
09/18/2023 1200	54	141	16	120	12	92972901.76
09/18/2023 1215	56	147	19	122	12	96105882.06
09/18/2023 1230	58	153	22	125	12	98682980.31
09/18/2023 1245	59	160	24	127	12	100635733.1
09/18/2023 1300	60	167	27	130	12	101942904.4
09/18/2023 1315	61	175	29	133	12	102633039.7
09/18/2023 1330	61	182	31	137	13	102740420.5

09/18/2023 1345	60	190	33	140	13	102271631.9
09/18/2023 1400	60	197	35	144	13	101200299.4
09/18/2023 1415	58	204	37	147	13	99490188.23
09/18/2023 1430	57	211	38	151	13	97140144.62
09/18/2023 1445	55	217	40	156	13	94206462.32
09/18/2023 1500	53	222	41	160	13	90752181.45
09/18/2023 1515	51	227	42	165	13	86782470.68
09/18/2023 1530	48	231	42	169	13	82302494.7
09/18/2023 1545	46	235	43	174	13	77451991.85
09/18/2023 1600	43	239	43	179	13	72460272.64
09/18/2023 1615	40	242	43	184	13	67391083.68
09/18/2023 1630	38	245	42	189	13	62046705.58
09/18/2023 1645	35	248	42	193	13	56245119.83
09/18/2023 1700	32	251	41	198	14	50095161.34
09/18/2023 1715	28	253	40	202	14	43854341.94
09/18/2023 1730	25	256	38	206	14	37650854.09
09/18/2023 1745	22	258	37	210	14	31540594.02
09/18/2023 1800	19	260	35	214	14	25678264.37
09/18/2023 1815	16	262	33	218	14	20188476.56
09/18/2023 1830	13	264	31	221	14	15054493.4
09/18/2023 1845	10	266	29	224	14	10366559.2
09/18/2023 1900	6	268	27	227	14	6342140.27
09/18/2023 1915	3	270	24	230	14	3059085.53
09/18/2023 1930	0	272	22	233	14	925837.42
09/18/2023 1945	-3	274	19	235	14	58339.46
09/18/2023 2000	-7	276	17	238	14	1842.47
09/18/2023 2015	-10	278	14	240	14	58.24
09/18/2023 2030	-13	280	11	242	15	5.3
09/18/2023 2045	-16	282	8	244	15	1.71
09/18/2023 2100	-19	284	5	247	15	1.18
09/18/2023 2115	-22	286	3	248	15	0.56
09/18/2023 2130	-25	289	0	250	15	0.52
09/18/2023 2145	-28	291	-3	252	15	0.5
09/18/2023 2200	-31	294	-6	254	15	0.5
09/18/2023 2215	-34	297	-10	256	15	0.5
09/18/2023 2230	-37	300	-13	257	15	0.5
09/18/2023 2245	-40	303	-16	259	15	0.5
09/18/2023 2300	-42	307	-19	261	15	0.5
09/18/2023 2315	-45	310	-22	262	15	0.5
09/18/2023 2330	-47	315	-25	264	15	0.5
09/18/2023 2345	-50	319	-28	266	16	0.5
09/19/2023 0000	-52	324	-31	267	16	0.5
09/19/2023 0015	-53	330	-34	269	16	0.5
09/19/2023 0030	-55	336	-37	271	16	0.5
09/19/2023 0045	-56	342	-40	273	16	0.5
09/19/2023 0100	-57	348	-43	275	16	0.5
09/19/2023 0115	-57	355	-47	277	16	0.5

09/19/2023 0130	-57	2	-50	279	16	0.5
09/19/2023 0145	-57	9	-53	282	16	0.5
09/19/2023 0200	-56	16	-56	285	16	0.5
09/19/2023 0215	-55	22	-59	288	16	0.5
09/19/2023 0230	-54	28	-62	291	16	0.5
09/19/2023 0245	-52	34	-64	295	16	0.5
09/19/2023 0300	-50	39	-67	300	17	0.5
09/19/2023 0315	-48	44	-70	306	17	0.5
09/19/2023 0330	-46	48	-72	314	17	0.5
09/19/2023 0345	-43	52	-74	323	17	0.5
09/19/2023 0400	-41	56	-76	335	17	0.5
09/19/2023 0415	-38	59	-77	349	17	0.5
09/19/2023 0430	-35	62	-77	4	17	0.5
09/19/2023 0445	-33	65	-77	19	17	0.5
09/19/2023 0500	-30	68	-75	32	17	0.5
09/19/2023 0515	-27	70	-73	42	17	0.5
09/19/2023 0530	-24	73	-71	51	17	0.5
09/19/2023 0545	-20	75	-69	58	17	0.5
09/19/2023 0600	-17	77	-66	63	18	1.24
09/19/2023 0615	-14	79	-63	68	18	2.69
09/19/2023 0630	-11	81	-61	72	18	18.79
09/19/2023 0645	-8	84	-58	75	18	433.16
09/19/2023 0700	-5	85	-55	78	18	15900.06
09/19/2023 0715	-1	87	-52	81	18	298146.49
09/19/2023 0730	2	89	-49	83	18	2022649.58
09/19/2023 0745	5	91	-46	86	18	4924186.45
09/19/2023 0800	8	93	-43	88	18	8653415.6
09/19/2023 0815	11	95	-40	90	18	13085289.13
09/19/2023 0830	15	97	-36	92	18	18053808.57
09/19/2023 0845	18	99	-33	94	18	23383797.92
09/19/2023 0900	21	101	-30	95	18	29084947.9
09/19/2023 0915	24	104	-27	97	19	35099878.31
09/19/2023 0930	27	106	-24	99	19	41257110.62
09/19/2023 0945	30	109	-21	100	19	47466624.14
09/19/2023 1000	33	111	-18	102	19	53657604.18
09/19/2023 1015	36	114	-15	104	19	59609705.67
09/19/2023 1030	39	117	-12	106	19	65113217.37
09/19/2023 1045	42	120	-9	107	19	70235559.72
09/19/2023 1100	45	124	-6	109	19	75210706.32
09/19/2023 1115	47	128	-4	111	19	80100468.17
09/19/2023 1130	50	132	0	113	19	84720929.23
09/19/2023 1145	52	137	2	115	19	88872388.58
09/19/2023 1200	54	142	5	117	19	92498487.53
09/19/2023 1215	56	147	8	119	20	95609254.88
09/19/2023 1230	58	154	10	121	20	98170400.38
09/19/2023 1245	59	160	13	123	20	100118735.8
09/19/2023 1300	60	167	16	126	20	101427446.4

09/19/2023 1315	60	175	18	128	20	102115649.2
09/19/2023 1330	60	182	20	131	20	102211251.5
09/19/2023 1345	60	190	23	134	20	101719199.1
09/19/2023 1400	59	197	25	137	20	100616739.4
09/19/2023 1415	58	204	27	140	20	98877129.19
09/19/2023 1430	57	210	29	143	20	96509773.86
09/19/2023 1445	55	216	31	146	20	93571507.3
09/19/2023 1500	53	222	32	150	21	90113161.35
09/19/2023 1515	51	227	34	154	21	86132389.39
09/19/2023 1530	48	231	35	157	21	81648018.82
09/19/2023 1545	46	235	36	161	21	76817911.11
09/19/2023 1600	43	239	37	166	21	71861230.77
09/19/2023 1615	40	242	37	170	21	66808224.74
09/19/2023 1630	37	245	38	174	21	61448308.66
09/19/2023 1645	34	248	38	179	21	55626337.87
09/19/2023 1700	31	250	38	183	21	49479203.39
09/19/2023 1715	28	253	37	187	21	43258484.95
09/19/2023 1730	25	255	37	191	21	37076231.66
09/19/2023 1745	22	258	36	196	21	30993519.15
09/19/2023 1800	19	260	35	200	22	25171832.68
09/19/2023 1815	16	262	34	204	22	19722274.07
09/19/2023 1830	12	264	33	207	22	14625133.45
09/19/2023 1845	9	266	31	211	22	9990351.19
09/19/2023 1900	6	268	29	214	22	6029399.83
09/19/2023 1915	3	270	27	218	22	2819972.58
09/19/2023 1930	0	272	25	221	22	815050.48
09/19/2023 1945	-4	274	23	224	22	44593.74
09/19/2023 2000	-7	276	21	226	22	1339.62
09/19/2023 2015	-10	278	19	229	22	45.64
09/19/2023 2030	-13	280	16	231	22	5.35
09/19/2023 2045	-16	282	14	234	23	2.29
09/19/2023 2100	-19	284	11	236	23	1.7
09/19/2023 2115	-23	286	9	238	23	0.98
09/19/2023 2130	-26	289	6	240	23	0.81
09/19/2023 2145	-29	291	3	242	23	0.66
09/19/2023 2200	-32	294	1	244	23	0.56
09/19/2023 2215	-35	296	-3	246	23	0.51
09/19/2023 2230	-37	299	-5	248	23	0.5
09/19/2023 2245	-40	303	-8	249	23	0.5
09/19/2023 2300	-43	306	-11	251	23	0.5
09/19/2023 2315	-45	310	-14	253	23	0.5
09/19/2023 2330	-48	314	-17	254	24	0.5
09/19/2023 2345	-50	319	-20	256	24	0.5
09/20/2023 0000	-52	324	-23	258	24	0.5
09/20/2023 0015	-54	329	-26	259	24	0.5
09/20/2023 0030	-55	335	-29	261	24	0.5
09/20/2023 0045	-56	342	-32	262	24	0.5

09/20/2023 0100	-57	348	-35	264	24	0.5
09/20/2023 0115	-58	355	-39	265	24	0.5
09/20/2023 0130	-58	2	-42	267	24	0.5
09/20/2023 0145	-57	9	-45	269	24	0.5
09/20/2023 0200	-57	16	-48	270	24	0.5
09/20/2023 0215	-56	23	-51	272	25	0.5
09/20/2023 0230	-54	29	-54	274	25	0.5
09/20/2023 0245	-53	34	-57	277	25	0.5
09/20/2023 0300	-51	39	-60	279	25	0.5
09/20/2023 0315	-49	44	-63	282	25	0.5
09/20/2023 0330	-46	49	-66	285	25	0.5
09/20/2023 0345	-44	53	-69	289	25	0.5
09/20/2023 0400	-41	56	-72	294	25	0.5
09/20/2023 0415	-38	60	-75	301	25	0.5
09/20/2023 0430	-36	63	-77	309	25	0.5
09/20/2023 0445	-33	66	-79	322	25	0.5
09/20/2023 0500	-30	68	-81	339	26	0.5
09/20/2023 0515	-27	71	-82	360	26	0.5
09/20/2023 0530	-24	73	-81	21	26	0.5
09/20/2023 0545	-21	76	-79	39	26	0.5
09/20/2023 0600	-17	78	-77	51	26	1.22
09/20/2023 0615	-14	80	-75	60	26	2.55
09/20/2023 0630	-11	82	-72	67	26	16.92
09/20/2023 0645	-8	84	-69	72	26	375.73
09/20/2023 0700	-5	86	-66	76	26	13889.88
09/20/2023 0715	-2	88	-63	79	26	271819.14
09/20/2023 0730	2	90	-60	82	27	1934792.1
09/20/2023 0745	5	92	-57	85	27	4794413.22
09/20/2023 0800	8	94	-54	87	27	8494482.68
09/20/2023 0815	11	96	-51	89	27	12897673.87
09/20/2023 0830	15	98	-48	91	27	17844841.39
09/20/2023 0845	18	100	-45	93	27	23153823.31
09/20/2023 0900	21	102	-42	94	27	28829945.69
09/20/2023 0915	24	104	-39	96	27	34822620.29
09/20/2023 0930	27	106	-36	98	27	40961198.45
09/20/2023 0945	30	109	-33	99	27	47150556.47
09/20/2023 1000	33	112	-30	101	27	53324485.11
09/20/2023 1015	36	114	-27	103	28	59271494.55
09/20/2023 1030	39	117	-24	104	28	64774578.43
09/20/2023 1045	42	121	-21	106	28	69881747.51
09/20/2023 1100	44	124	-18	107	28	74822201.56
09/20/2023 1115	47	128	-15	109	28	79674812.87
09/20/2023 1130	50	132	-12	111	28	84271590.35
09/20/2023 1145	52	137	-10	112	28	88409014.2
09/20/2023 1200	54	142	-7	114	28	92017887.76
09/20/2023 1215	56	148	-4	116	28	95106385.96
09/20/2023 1230	57	154	-1	118	28	97649490.82



09/20/2023 1245	58	161	2	120	29	99590000.99
09/20/2023 1300	59	168	4	122	29	100897091
09/20/2023 1315	60	175	7	124	29	101581349.8
09/20/2023 1330	60	183	9	126	29	101664454.1
09/20/2023 1345	60	190	12	128	29	101149895.1
09/20/2023 1400	59	197	14	131	29	100018976.1
09/20/2023 1415	58	204	16	133	29	98254155.3
09/20/2023 1430	56	210	19	136	29	95873421.88
09/20/2023 1445	54	216	21	138	29	92931757.79
09/20/2023 1500	52	221	23	141	29	89468078.46
09/20/2023 1515	50	226	25	144	30	85475979.19
09/20/2023 1530	48	231	26	147	30	80990155.47
09/20/2023 1545	45	235	28	151	30	76183866.78
09/20/2023 1600	43	238	29	154	30	71261895.29
09/20/2023 1615	40	242	31	158	30	66221417.73
09/20/2023 1630	37	245	32	161	30	60843804.7
09/20/2023 1645	34	248	32	165	30	55003267.49
09/20/2023 1700	31	250	33	169	30	48861777.31
09/20/2023 1715	28	253	34	173	30	42662047.29
09/20/2023 1730	25	255	34	177	30	36501373.95
09/20/2023 1745	22	257	34	181	31	30447737.28
09/20/2023 1800	19	260	34	185	31	24667713.12
09/20/2023 1815	15	262	33	189	31	19258003.52
09/20/2023 1830	12	264	33	193	31	14198605.87
09/20/2023 1845	9	266	32	197	31	9618963.56
09/20/2023 1900	6	268	31	200	31	5721609.14
09/20/2023 1915	3	270	30	204	31	2589552.22
09/20/2023 1930	0	271	28	207	31	714536.23
09/20/2023 1945	-4	273	27	211	31	33827.96
09/20/2023 2000	-7	275	25	214	31	976.28
09/20/2023 2015	-10	277	23	217	32	37.46
09/20/2023 2030	-13	279	21	220	32	6.5
09/20/2023 2045	-17	281	19	222	32	3.81
09/20/2023 2100	-20	284	17	225	32	3.13
09/20/2023 2115	-23	286	15	228	32	2.25
09/20/2023 2130	-26	288	12	230	32	1.9
09/20/2023 2145	-29	291	10	232	32	1.56
09/20/2023 2200	-32	293	7	234	32	1.24
09/20/2023 2215	-35	296	5	236	32	0.96
09/20/2023 2230	-38	299	2	238	33	0.72
09/20/2023 2245	-41	302	0	240	33	0.57
09/20/2023 2300	-43	306	-3	242	33	0.51
09/20/2023 2315	-46	310	-6	244	33	0.5
09/20/2023 2330	-48	314	-9	245	33	0.5
09/20/2023 2345	-50	319	-12	247	33	0.5
09/21/2023 0000	-52	324	-15	249	33	0.5
09/21/2023 0015	-54	329	-18	250	33	0.5

09/21/2023 0030	-56	335	-20	252	33	0.5
09/21/2023 0045	-57	342	-23	253	33	0.5
09/21/2023 0100	-58	348	-26	255	34	0.5
09/21/2023 0115	-58	355	-29	256	34	0.5
09/21/2023 0130	-58	3	-32	257	34	0.5
09/21/2023 0145	-58	10	-35	259	34	0.5
09/21/2023 0200	-57	16	-38	260	34	0.5
09/21/2023 0215	-56	23	-41	262	34	0.5
09/21/2023 0230	-55	29	-44	263	34	0.5
09/21/2023 0245	-53	35	-48	265	34	0.5
09/21/2023 0300	-51	40	-51	266	34	0.5
09/21/2023 0315	-49	45	-54	268	34	0.5
09/21/2023 0330	-46	49	-57	270	35	0.5
09/21/2023 0345	-44	53	-60	271	35	0.5
09/21/2023 0400	-41	57	-63	273	35	0.5
09/21/2023 0415	-39	60	-66	276	35	0.5
09/21/2023 0430	-36	63	-69	279	35	0.5
09/21/2023 0445	-33	66	-72	282	35	0.5
09/21/2023 0500	-30	69	-75	286	35	0.5
09/21/2023 0515	-27	71	-78	292	35	0.5
09/21/2023 0530	-24	74	-81	301	35	0.5
09/21/2023 0545	-21	76	-83	315	36	0.5
09/21/2023 0600	-18	78	-85	341	36	1.2
09/21/2023 0615	-14	80	-85	16	36	2.42
09/21/2023 0630	-11	82	-83	43	36	15.26
09/21/2023 0645	-8	84	-81	59	36	326.18
09/21/2023 0700	-5	86	-78	68	36	12118.14
09/21/2023 0715	-2	88	-75	74	36	247305.07
09/21/2023 0730	2	90	-72	79	36	1848879.82
09/21/2023 0745	5	92	-69	82	36	4665173.36
09/21/2023 0800	8	94	-66	85	36	8335736.35
09/21/2023 0815	11	96	-63	87	37	12709648.72
09/21/2023 0830	14	98	-60	89	37	17634817.61
09/21/2023 0845	18	100	-57	91	37	22922540.97
09/21/2023 0900	21	102	-54	93	37	28573201.82
09/21/2023 0915	24	105	-51	95	37	34542896.69
09/21/2023 0930	27	107	-48	96	37	40662327.88
09/21/2023 0945	30	109	-45	98	37	46831133.36
09/21/2023 1000	33	112	-42	99	37	52987123.25
09/21/2023 1015	36	115	-39	101	37	58928056.32
09/21/2023 1030	39	118	-36	102	38	64430789.91
09/21/2023 1045	42	121	-33	103	38	69523907.34
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09/21/2023 1115	47	129	-27	106	38	79244614.69
09/21/2023 1130	49	133	-24	108	38	83815955.17
09/21/2023 1145	52	138	-21	109	38	87938742.59
09/21/2023 1200	54	143	-18	111	38	91531081.84

09/21/2023 1215	55	148	-16	112	38	94597537.74
09/21/2023 1230	57	154	-13	114	38	97120959.32
09/21/2023 1245	58	161	-10	116	39	99050566.29
09/21/2023 1300	59	168	-7	117	39	100352975
09/21/2023 1315	59	175	-5	119	39	101031274.9
09/21/2023 1330	60	183	-2	121	39	101101253.4
09/21/2023 1345	59	190	1	123	39	100565184.4
09/21/2023 1400	58	197	3	125	39	99408661
09/21/2023 1415	57	204	6	127	39	97622716.74
09/21/2023 1430	56	210	8	129	39	95231866.05
09/21/2023 1445	54	216	11	131	39	92287296.85
09/21/2023 1500	52	221	13	134	40	88816913.86
09/21/2023 1515	50	226	15	136	40	84813712.79
09/21/2023 1530	47	230	17	139	40	80329734.47
09/21/2023 1545	45	234	19	141	40	75550380.72
09/21/2023 1600	42	238	21	144	40	70662199.87
09/21/2023 1615	39	241	23	147	40	65630470.31
09/21/2023 1630	37	244	24	150	40	60233426.28
09/21/2023 1645	34	247	26	153	40	54376476.86
09/21/2023 1700	31	250	27	157	40	48243337.81
09/21/2023 1715	28	252	28	160	41	42065305.44
09/21/2023 1730	25	255	29	164	41	35926635.54
09/21/2023 1745	21	257	30	167	41	29903658.58
09/21/2023 1800	18	259	30	171	41	24166145.37
09/21/2023 1815	15	261	31	175	41	18795867.19
09/21/2023 1830	12	263	31	178	41	13775297.07
09/21/2023 1845	9	265	31	182	41	9252660.02
09/21/2023 1900	6	267	31	186	41	5418961.39
09/21/2023 1915	3	269	30	190	41	2368546.04
09/21/2023 1930	-1	271	30	193	42	411821.31
09/21/2023 1945	-4	273	29	197	42	25482.67
09/21/2023 2000	-7	275	28	200	42	715.22
09/21/2023 2015	-11	277	27	204	42	33.19
09/21/2023 2030	-14	279	25	207	42	9.21
09/21/2023 2045	-17	281	24	210	42	6.85
09/21/2023 2100	-20	283	22	213	42	5.56
09/21/2023 2115	-23	286	20	216	42	5.04
09/21/2023 2130	-26	288	18	219	42	4.51
09/21/2023 2145	-29	290	16	221	43	3.96
09/21/2023 2200	-32	293	14	224	43	3.4
09/21/2023 2215	-35	296	12	226	43	2.84
09/21/2023 2230	-38	299	10	229	43	2.3
09/21/2023 2245	-41	302	8	231	43	1.79
09/21/2023 2300	-44	306	5	233	43	1.33
09/21/2023 2315	-46	310	3	235	43	0.93
09/21/2023 2330	-48	314	0	237	43	0.66
09/21/2023 2345	-51	319	-3	239	43	0.52

09/22/2023 0000	-53	324	-5	240	44	0.5
09/22/2023 0015	-54	329	-8	242	44	0.5
09/22/2023 0030	-56	335	-11	244	44	0.5
09/22/2023 0045	-57	342	-14	245	44	0.5
09/22/2023 0100	-58	349	-16	247	44	0.5
09/22/2023 0115	-58	356	-19	248	44	0.5
09/22/2023 0130	-59	3	-22	250	44	0.5
09/22/2023 0145	-58	10	-25	251	44	0.5
09/22/2023 0200	-57	17	-28	253	44	0.5
09/22/2023 0215	-56	23	-31	254	45	0.5
09/22/2023 0230	-55	30	-34	255	45	0.5
09/22/2023 0245	-53	35	-37	257	45	0.5
09/22/2023 0300	-51	40	-40	258	45	0.5
09/22/2023 0315	-49	45	-43	259	45	0.5
09/22/2023 0330	-47	50	-46	261	45	0.5
09/22/2023 0345	-44	53	-49	262	45	0.5
09/22/2023 0400	-42	57	-52	263	45	0.5
09/22/2023 0415	-39	60	-55	265	45	0.5
09/22/2023 0430	-36	64	-58	266	46	0.5
09/22/2023 0445	-33	66	-61	268	46	0.5
09/22/2023 0500	-30	69	-64	269	46	0.5
09/22/2023 0515	-27	72	-67	271	46	0.5
09/22/2023 0530	-24	74	-70	273	46	0.5
09/22/2023 0545	-21	76	-73	276	46	0.5
09/22/2023 0600	-18	78	-76	279	46	1.18
09/22/2023 0615	-15	81	-79	284	46	2.3
09/22/2023 0630	-11	83	-82	291	46	13.8
09/22/2023 0645	-8	85	-85	305	47	283.43
09/22/2023 0700	-5	87	-87	339	47	10559.11
09/22/2023 0715	-2	89	-86	32	47	224530.4
09/22/2023 0730	2	91	-84	60	47	1764965.61
09/22/2023 0745	5	92	-81	71	47	4536482.59
09/22/2023 0800	8	94	-78	78	47	8177170.31
09/22/2023 0815	11	96	-75	82	47	12521221.84
09/22/2023 0830	14	98	-72	85	47	17423725.85
09/22/2023 0845	17	101	-69	88	47	22689935.37
09/22/2023 0900	21	103	-66	90	48	28314721.71
09/22/2023 0915	24	105	-63	91	48	34260712.62
09/22/2023 0930	27	107	-60	93	48	40360491.56
09/22/2023 0945	30	110	-57	95	48	46508367.45
09/22/2023 1000	33	112	-54	96	48	52645556.94
09/22/2023 1015	36	115	-51	98	48	58579391.02
09/22/2023 1030	39	118	-48	99	48	64081777.47
09/22/2023 1045	41	122	-45	100	48	69161982.14
09/22/2023 1100	44	125	-42	102	48	74034908.74
09/22/2023 1115	47	129	-39	103	49	78810108.99
09/22/2023 1130	49	133	-36	104	49	83354223.16

09/22/2023 1145	51	138	-33	106	49	87461597.25
09/22/2023 1200	53	143	-30	107	49	91038033.19
09/22/2023 1215	55	149	-28	108	49	94082915.1
09/22/2023 1230	57	155	-25	110	49	96585455.36
09/22/2023 1245	58	161	-22	111	49	98501469.15
09/22/2023 1300	59	168	-19	113	49	99796326.58
09/22/2023 1315	59	176	-16	114	50	100466727.4
09/22/2023 1330	59	183	-13	116	50	100523067.6
09/22/2023 1345	59	190	-11	117	50	99966667.96
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09/22/2023 1415	57	204	-5	121	50	96984131.79
09/22/2023 1430	55	210	-3	122	50	94585710.37
09/22/2023 1445	54	216	0	124	50	91638129.36
09/22/2023 1500	52	221	3	126	50	88159709.61
09/22/2023 1515	49	226	5	128	50	84146163.11
09/22/2023 1530	47	230	8	130	51	79667599.67
09/22/2023 1545	45	234	10	132	51	74917902.33
09/22/2023 1600	42	238	12	135	51	70062024.19
09/22/2023 1615	39	241	14	137	51	65035220.51
09/22/2023 1630	36	244	16	140	51	59617471.24
09/22/2023 1645	33	247	18	142	51	53746554.56
09/22/2023 1700	30	250	20	145	51	47624322.81
09/22/2023 1715	27	252	22	148	51	41468537.24
09/22/2023 1730	24	254	23	151	51	35352389.39
09/22/2023 1745	21	257	25	154	52	29361688.08
09/22/2023 1800	18	259	26	157	52	23667354.02
09/22/2023 1815	15	261	27	161	52	18336081.6
09/22/2023 1830	12	263	28	164	52	13355601.26
09/22/2023 1845	8	265	29	168	52	8891675.73
09/22/2023 1900	5	267	29	171	52	5121680.76
09/22/2023 1915	2	269	30	175	52	2157656.36
09/22/2023 1930	-1	271	30	179	52	339531.52
09/22/2023 1945	-4	273	30	182	53	19076.68
09/22/2023 2000	-8	275	30	186	53	528.82
09/22/2023 2015	-11	277	29	190	53	32.38
09/22/2023 2030	-14	279	29	193	53	13.82
09/22/2023 2045	-17	281	28	197	53	11.88
09/22/2023 2100	-20	283	27	200	53	10.68
09/22/2023 2115	-23	285	26	203	53	10.14
09/22/2023 2130	-27	288	24	207	53	9.53
09/22/2023 2145	-30	290	23	210	53	8.84
09/22/2023 2200	-33	293	21	213	54	8.09
09/22/2023 2215	-36	296	20	216	54	7.3
09/22/2023 2230	-38	299	18	218	54	6.48
09/22/2023 2245	-41	302	16	221	54	5.64
09/22/2023 2300	-44	305	14	223	54	4.78
09/22/2023 2315	-46	309	11	226	54	3.93

09/22/2023 2330	-49	314	9	228	54	3.1
09/22/2023 2345	-51	318	7	230	54	2.34
09/23/2023 0000	-53	323	5	232	54	1.65
09/23/2023 0015	-55	329	2	234	55	1.07
09/23/2023 0030	-56	335	0	236	55	0.7
09/23/2023 0045	-58	342	-3	238	55	0.52
09/23/2023 0100	-58	349	-6	240	55	0.5
09/23/2023 0115	-59	356	-8	241	55	0.5
09/23/2023 0130	-59	3	-11	243	55	0.5
09/23/2023 0145	-59	10	-14	245	55	0.5
09/23/2023 0200	-58	17	-17	246	55	0.5
09/23/2023 0215	-57	24	-20	248	56	0.5
09/23/2023 0230	-55	30	-22	249	56	0.5
09/23/2023 0245	-53	36	-25	251	56	0.5
09/23/2023 0300	-51	41	-28	252	56	0.5
09/23/2023 0315	-49	46	-31	253	56	0.5
09/23/2023 0330	-47	50	-34	255	56	0.5
09/23/2023 0345	-44	54	-37	256	56	0.5
09/23/2023 0400	-42	58	-40	257	56	0.5
09/23/2023 0415	-39	61	-43	259	56	0.5
09/23/2023 0430	-36	64	-46	260	57	0.5
09/23/2023 0445	-33	67	-49	261	57	0.5
09/23/2023 0500	-30	70	-52	263	57	0.5
09/23/2023 0515	-27	72	-55	264	57	0.5
09/23/2023 0530	-24	74	-58	265	57	0.5
09/23/2023 0545	-21	77	-61	267	57	0.5
09/23/2023 0600	-18	79	-64	268	57	1.17
09/23/2023 0615	-15	81	-67	270	57	2.19
09/23/2023 0630	-12	83	-70	272	57	12.51
09/23/2023 0645	-8	85	-73	275	58	246.51
09/23/2023 0700	-5	87	-76	278	58	9189.44
09/23/2023 0715	-2	89	-79	282	58	203419.39
09/23/2023 0730	2	91	-82	289	58	1683099.18
09/23/2023 0745	5	93	-85	302	58	4408358.05
09/23/2023 0800	8	95	-87	335	58	8018775.39
09/23/2023 0815	11	97	-87	32	58	12332399.44
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09/23/2023 0845	17	101	-82	72	59	22455987.78
09/23/2023 0900	20	103	-79	78	59	28054508.31
09/23/2023 0915	24	105	-76	82	59	33976072.5
09/23/2023 0930	27	108	-73	85	59	40055680.66
09/23/2023 0945	30	110	-70	88	59	46182269.07
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09/23/2023 1015	36	116	-64	91	59	58225504.12
09/23/2023 1030	38	119	-61	93	59	63727467.94
09/23/2023 1045	41	122	-57	95	59	68795905
09/23/2023 1100	44	126	-54	96	60	73636293.74

09/23/2023 1115	46	130	-51	97	60	78371534.24
09/23/2023 1130	49	134	-48	99	60	82886619.47
09/23/2023 1145	51	138	-45	100	60	86977627.53
09/23/2023 1200	53	144	-42	101	60	90538695.44
09/23/2023 1215	55	149	-39	103	60	93562666.52
09/23/2023 1230	56	155	-36	104	60	96043557.9
09/23/2023 1245	57	162	-34	105	60	97943716.55
09/23/2023 1300	58	169	-31	107	60	99228418.12
09/23/2023 1315	59	176	-28	108	61	99889118.55
09/23/2023 1330	59	183	-25	109	61	99931435.88
09/23/2023 1345	58	190	-22	111	61	99356006.43
09/23/2023 1400	58	197	-19	112	61	98156944.43
09/23/2023 1415	56	204	-16	114	61	96339552.75
09/23/2023 1430	55	210	-13	115	61	93935391.23
09/23/2023 1445	53	216	-11	117	61	90984210.53
09/23/2023 1500	51	221	-8	118	61	87496588.91
09/23/2023 1515	49	225	-5	120	62	83473998.31
09/23/2023 1530	47	230	-3	122	62	79004591.99
09/23/2023 1545	44	234	1	124	62	74286802.23
09/23/2023 1600	42	237	3	126	62	69461202.76
09/23/2023 1615	39	241	5	128	62	64435546.84
09/23/2023 1630	36	244	8	130	62	58996301.51
09/23/2023 1645	33	247	10	132	62	53114102.71
09/23/2023 1700	30	249	12	134	62	47005152.14
09/23/2023 1715	27	252	14	137	62	40872024.71
09/23/2023 1730	24	254	16	139	63	34779025.72
09/23/2023 1745	21	256	18	142	63	28822222.21
09/23/2023 1800	18	259	20	145	63	23171549.64
09/23/2023 1815	15	261	22	147	63	17878879.37
09/23/2023 1830	11	263	24	150	63	12939915.76
09/23/2023 1845	8	265	25	154	63	8536216.98
09/23/2023 1900	5	267	26	157	63	4830029.3
09/23/2023 1915	2	269	28	160	63	1957540.11
09/23/2023 1930	-2	271	29	164	63	277497.24
09/23/2023 1945	-5	273	29	167	64	14203.95
09/23/2023 2000	-8	274	30	171	64	396.52
09/23/2023 2015	-11	276	30	174	64	34.42
09/23/2023 2030	-14	278	31	178	64	20.34
09/23/2023 2045	-18	281	31	182	64	19.11
09/23/2023 2100	-21	283	30	186	64	18.32
09/23/2023 2115	-24	285	30	189	64	18.09
09/23/2023 2130	-27	287	29	193	64	17.72
09/23/2023 2145	-30	290	29	197	65	17.19
09/23/2023 2200	-33	292	28	200	65	16.52
09/23/2023 2215	-36	295	27	203	65	15.72
09/23/2023 2230	-39	298	25	207	65	14.79
09/23/2023 2245	-42	302	24	210	65	13.75

09/23/2023 2300	-44	305	22	213	65	12.61
09/23/2023 2315	-47	309	20	216	65	11.4
09/23/2023 2330	-49	313	19	219	65	10.13
09/23/2023 2345	-51	318	17	221	65	8.84
09/24/2023 0000	-53	323	15	224	66	7.53
09/24/2023 0015	-55	329	12	226	66	6.21
09/24/2023 0030	-57	335	10	229	66	4.92
09/24/2023 0045	-58	342	8	231	66	3.71
09/24/2023 0100	-59	349	6	233	66	2.61
09/24/2023 0115	-59	356	3	235	66	1.65
09/24/2023 0130	-59	3	1	237	66	0.96
09/24/2023 0145	-59	10	-2	239	66	0.56
09/24/2023 0200	-58	17	-5	241	66	0.5
09/24/2023 0215	-57	24	-8	242	67	0.5
09/24/2023 0230	-56	30	-10	244	67	0.5
09/24/2023 0245	-54	36	-13	246	67	0.5
09/24/2023 0300	-52	41	-16	247	67	0.5
09/24/2023 0315	-50	46	-19	249	67	0.5
09/24/2023 0330	-47	50	-22	250	67	0.5
09/24/2023 0345	-45	54	-24	252	67	0.5
09/24/2023 0400	-42	58	-27	253	67	0.5
09/24/2023 0415	-39	61	-30	255	67	0.5
09/24/2023 0430	-36	64	-33	256	68	0.5
09/24/2023 0445	-33	67	-36	257	68	0.5
09/24/2023 0500	-30	70	-39	259	68	0.5
09/24/2023 0515	-27	72	-42	260	68	0.5
09/24/2023 0530	-24	75	-45	262	68	0.5
09/24/2023 0545	-21	77	-48	263	68	0.5
09/24/2023 0600	-18	79	-51	265	68	1.15
09/24/2023 0615	-15	81	-54	266	68	2.09
09/24/2023 0630	-12	83	-57	268	68	11.36
09/24/2023 0645	-8	85	-60	270	69	214.61
09/24/2023 0700	-5	87	-63	272	69	7987.96
09/24/2023 0715	-2	89	-66	274	69	183894.93
09/24/2023 0730	2	91	-69	276	69	1603326.57
09/24/2023 0745	5	93	-72	280	69	4280818.3
09/24/2023 0800	8	95	-75	284	69	7860539.34
09/24/2023 0815	11	97	-78	289	69	12143185.4
09/24/2023 0830	14	99	-81	298	69	16998284.59
09/24/2023 0845	17	101	-83	312	69	22220675.84
09/24/2023 0900	20	103	-85	340	70	27792561.47
09/24/2023 0915	23	106	-85	18	70	33688979.47
09/24/2023 0930	26	108	-84	46	70	39747884.36
09/24/2023 0945	29	111	-81	61	70	45852845.4
09/24/2023 1000	32	113	-78	70	70	51949969.51
09/24/2023 1015	35	116	-75	75	70	57866405.96
09/24/2023 1030	38	119	-72	79	70	63367789.49



09/24/2023 1045	41	122	-69	82	70	68425598.74
09/24/2023 1100	44	126	-66	85	70	73234458.38
09/24/2023 1115	46	130	-63	87	71	77929128.5
09/24/2023 1130	49	134	-60	89	71	82413393.06
09/24/2023 1145	51	139	-57	91	71	86486911.42
09/24/2023 1200	53	144	-54	93	71	90033018.26
09/24/2023 1215	54	150	-51	94	71	93036885.88
09/24/2023 1230	56	156	-48	96	71	95495764.45
09/24/2023 1245	57	162	-45	97	71	97378256.47
09/24/2023 1300	58	169	-42	99	71	98650520.64
09/24/2023 1315	58	176	-39	100	71	99299910.2
09/24/2023 1330	58	183	-36	101	72	99327952.61
09/24/2023 1345	58	190	-33	103	72	98734853.56
09/24/2023 1400	57	197	-30	104	72	97518625.59
09/24/2023 1415	56	204	-27	106	72	95689943.7
09/24/2023 1430	55	210	-24	107	72	93281187.97
09/24/2023 1445	53	215	-21	109	72	90325469.97
09/24/2023 1500	51	220	-18	110	72	86827765.71
09/24/2023 1515	49	225	-15	112	72	82797968.04
09/24/2023 1530	46	230	-13	113	72	78341530.23
09/24/2023 1545	44	233	-10	115	73	73657368.18
09/24/2023 1600	41	237	-7	116	73	68859536.16
09/24/2023 1615	38	240	-4	118	73	63831378.27
09/24/2023 1630	36	243	-2	120	73	58370340.86
09/24/2023 1645	33	246	2	122	73	52479730.13
09/24/2023 1700	30	249	4	124	73	46386226.65
09/24/2023 1715	27	251	6	126	73	40276056.31
09/24/2023 1730	24	254	9	128	73	34206949.99
09/24/2023 1745	21	256	11	130	73	28285645.38
09/24/2023 1800	17	258	14	132	74	22678930.37
09/24/2023 1815	14	260	16	135	74	17424510.56
09/24/2023 1830	11	262	18	137	74	12528635.83
09/24/2023 1845	8	264	20	140	74	8186461.85
09/24/2023 1900	5	266	22	143	74	4544312.46
09/24/2023 1915	2	268	24	146	74	1768780.52
09/24/2023 1930	-2	270	26	149	74	224842.39
09/24/2023 1945	-5	272	27	152	74	10528.03
09/24/2023 2000	-8	274	29	155	74	302.72
09/24/2023 2015	-11	276	30	159	74	38.3
09/24/2023 2030	-15	278	31	162	75	28.26
09/24/2023 2045	-18	280	32	166	75	28.22
09/24/2023 2100	-21	282	33	170	75	28.38
09/24/2023 2115	-24	285	33	174	75	29.01
09/24/2023 2130	-27	287	33	178	75	29.4
09/24/2023 2145	-30	290	33	182	75	29.56
09/24/2023 2200	-33	292	33	186	75	29.48
09/24/2023 2215	-36	295	33	190	75	29.16

09/24/2023 2230	-39	298	32	193	75	28.61
09/24/2023 2245	-42	301	31	197	76	27.83
09/24/2023 2300	-45	305	30	201	76	26.82
09/24/2023 2315	-47	309	29	204	76	25.6
09/24/2023 2330	-50	313	28	208	76	24.19
09/24/2023 2345	-52	318	26	211	76	22.61
09/25/2023 0000	-54	323	25	214	76	20.86
09/25/2023 0015	-56	329	23	217	76	18.97
09/25/2023 0030	-57	335	21	220	76	16.98
09/25/2023 0045	-58	342	19	223	76	14.94
09/25/2023 0100	-59	349	17	226	76	12.87
09/25/2023 0115	-60	356	15	228	77	10.8
09/25/2023 0130	-60	3	12	231	77	8.75
09/25/2023 0145	-59	11	10	233	77	6.76
09/25/2023 0200	-58	18	8	235	77	4.92
09/25/2023 0215	-57	25	5	237	77	3.28
09/25/2023 0230	-56	31	3	239	77	1.89
09/25/2023 0245	-54	37	0	241	77	0.98
09/25/2023 0300	-52	42	-3	243	77	0.54
09/25/2023 0315	-50	47	-6	245	77	0.5
09/25/2023 0330	-47	51	-9	247	78	0.5
09/25/2023 0345	-45	55	-11	248	78	0.5
09/25/2023 0400	-42	58	-14	250	78	0.5
09/25/2023 0415	-39	62	-17	252	78	0.5
09/25/2023 0430	-36	65	-20	253	78	0.5
09/25/2023 0445	-34	68	-23	255	78	0.5
09/25/2023 0500	-31	70	-26	256	78	0.5
09/25/2023 0515	-27	73	-29	258	78	0.5
09/25/2023 0530	-24	75	-32	259	78	0.5
09/25/2023 0545	-21	78	-35	261	78	0.5
09/25/2023 0600	-18	80	-38	263	79	1.14
09/25/2023 0615	-15	82	-41	264	79	2
09/25/2023 0630	-12	84	-44	266	79	10.34
09/25/2023 0645	-9	86	-47	268	79	187.03
09/25/2023 0700	-5	88	-50	270	79	6935.56
09/25/2023 0715	-2	90	-53	272	79	165879.04
09/25/2023 0730	1	92	-56	274	79	1525689.61
09/25/2023 0745	4	94	-59	276	79	4153883.49
09/25/2023 0800	8	96	-62	279	79	7702446.62
09/25/2023 0815	11	98	-65	282	79	11953580.86
09/25/2023 0830	14	100	-68	285	80	16783903.05
09/25/2023 0845	17	102	-71	290	80	21983973.11
09/25/2023 0900	20	104	-74	295	80	27528877.27
09/25/2023 0915	23	106	-76	303	80	33399434.78
09/25/2023 0930	26	109	-79	313	80	39437089.28
09/25/2023 0945	29	111	-81	328	80	45520099.72
09/25/2023 1000	32	114	-82	348	80	51596027.11

09/25/2023 1015	35	117	-82	10	80	57502111.2
09/25/2023 1030	38	120	-81	30	80	63002671.74
09/25/2023 1045	41	123	-79	45	80	68050975.69
09/25/2023 1100	43	127	-76	56	81	72829451.01
09/25/2023 1115	46	130	-74	63	81	77483125.77
09/25/2023 1130	48	135	-71	69	81	81934814.33
09/25/2023 1145	50	139	-68	73	81	85989557.85
09/25/2023 1200	52	144	-65	77	81	89520953.77
09/25/2023 1215	54	150	-62	80	81	92505616.57
09/25/2023 1230	56	156	-59	82	81	94942483.93
09/25/2023 1245	57	162	-56	85	81	96805953.2
09/25/2023 1300	58	169	-53	87	81	98063861.08
09/25/2023 1315	58	176	-50	89	81	98700557.33
09/25/2023 1330	58	183	-47	90	81	98714201.86
09/25/2023 1345	58	190	-44	92	82	98104794.23
09/25/2023 1400	57	197	-41	94	82	96873825.53
09/25/2023 1415	56	204	-38	95	82	95036073.05
09/25/2023 1430	54	210	-35	97	82	92623247.62
09/25/2023 1445	53	215	-31	99	82	89661843.95
09/25/2023 1500	51	220	-28	100	82	86153556.36
09/25/2023 1515	48	225	-25	102	82	82118887.96
09/25/2023 1530	46	229	-22	103	82	77679188.45
09/25/2023 1545	43	233	-19	105	82	73029796.3
09/25/2023 1600	41	237	-16	106	82	68256795.78
09/25/2023 1615	38	240	-13	108	83	63222698.03
09/25/2023 1630	35	243	-11	109	83	57740069.76
09/25/2023 1645	32	246	-8	111	83	51844046.27
09/25/2023 1700	29	249	-5	113	83	45767929.44
09/25/2023 1715	26	251	-2	115	83	39680930
09/25/2023 1730	23	254	1	116	83	33636580.64
09/25/2023 1745	20	256	4	118	83	27752326.74
09/25/2023 1800	17	258	7	120	83	22189683.58
09/25/2023 1815	14	260	9	122	83	16973243.01
09/25/2023 1830	11	262	12	125	83	12122149.31
09/25/2023 1845	8	264	14	127	83	7842562.38
09/25/2023 1900	5	266	17	129	84	4264883
09/25/2023 1915	1	268	19	132	84	1591858.3
09/25/2023 1930	-2	270	21	134	84	180634.48
09/25/2023 1945	-5	272	24	137	84	7774.74
09/25/2023 2000	-8	274	26	140	84	235.43
09/25/2023 2015	-12	276	28	143	84	42.52
09/25/2023 2030	-15	278	30	146	84	36.44
09/25/2023 2045	-18	280	31	150	84	38.23
09/25/2023 2100	-21	282	33	154	84	40.07
09/25/2023 2115	-24	284	34	157	84	42.28
09/25/2023 2130	-27	287	35	161	84	44.18
09/25/2023 2145	-31	289	36	165	85	45.76

09/25/2023 2200	-34	292	37	169	85	47.02
09/25/2023 2215	-36	295	38	174	85	47.93
09/25/2023 2230	-39	298	38	178	85	48.51
09/25/2023 2245	-42	301	38	182	85	48.75
09/25/2023 2300	-45	305	38	187	85	48.65
09/25/2023 2315	-47	308	37	191	85	48.2
09/25/2023 2330	-50	313	37	195	85	47.4
09/25/2023 2345	-52	318	36	199	85	46.23
09/26/2023 0000	-54	323	35	203	85	44.72
09/26/2023 0015	-56	329	33	207	85	42.84
09/26/2023 0030	-58	335	32	211	86	40.64
09/26/2023 0045	-59	342	30	214	86	38.15
09/26/2023 0100	-60	349	29	218	86	35.41
09/26/2023 0115	-60	356	27	221	86	32.45
09/26/2023 0130	-60	4	25	224	86	29.31
09/26/2023 0145	-60	11	22	227	86	26.03
09/26/2023 0200	-59	18	20	229	86	22.68
09/26/2023 0215	-58	25	18	232	86	19.35
09/26/2023 0230	-56	31	15	234	86	16.05
09/26/2023 0245	-54	37	13	237	86	12.82
09/26/2023 0300	-52	42	10	239	86	9.72
09/26/2023 0315	-50	47	8	241	87	6.88
09/26/2023 0330	-48	51	5	243	87	4.39
09/26/2023 0345	-45	55	2	245	87	2.33
09/26/2023 0400	-42	59	0	247	87	1.07
09/26/2023 0415	-40	62	-4	249	87	0.54
09/26/2023 0430	-37	65	-6	251	87	0.5
09/26/2023 0445	-34	68	-9	253	87	0.5
09/26/2023 0500	-31	71	-12	255	87	0.5
09/26/2023 0515	-28	73	-15	256	87	0.5
09/26/2023 0530	-25	76	-18	258	87	0.5
09/26/2023 0545	-21	78	-21	260	87	0.5
09/26/2023 0600	-18	80	-24	261	87	1.13
09/26/2023 0615	-15	82	-27	263	88	1.92
09/26/2023 0630	-12	84	-30	265	88	9.43
09/26/2023 0645	-9	86	-33	267	88	163.18
09/26/2023 0700	-6	88	-36	269	88	6015.06
09/26/2023 0715	-2	90	-39	271	88	149293.47
09/26/2023 0730	1	92	-42	273	88	1450225.52
09/26/2023 0745	4	94	-45	275	88	4027575.62
09/26/2023 0800	7	96	-48	277	88	7544478.48
09/26/2023 0815	11	98	-51	279	88	11763584.16
09/26/2023 0830	14	100	-54	282	88	16568389.11
09/26/2023 0845	17	102	-57	285	88	21745848.95
09/26/2023 0900	20	104	-60	288	88	27263447.83
09/26/2023 0915	23	107	-63	292	89	33107437.63
09/26/2023 0930	26	109	-66	297	89	39123279.43

09/26/2023 0945	29	111	-68	302	89	45184030.98
09/26/2023 1000	32	114	-71	309	89	51238036.05
09/26/2023 1015	35	117	-73	318	89	57132638.48
09/26/2023 1030	38	120	-75	328	89	62632046.28
09/26/2023 1045	41	123	-76	340	89	67671937.96
09/26/2023 1100	43	127	-77	355	89	72421301.41
09/26/2023 1115	46	131	-76	9	89	77033752.48
09/26/2023 1130	48	135	-76	23	89	81451172.54
09/26/2023 1145	50	140	-74	34	89	85485708.72
09/26/2023 1200	52	145	-72	44	89	89002463.59
09/26/2023 1215	54	150	-70	52	89	91968858.01
09/26/2023 1230	55	156	-67	58	90	94384033.8
09/26/2023 1245	56	163	-65	63	90	96227568.21
09/26/2023 1300	57	170	-62	67	90	97469585.3
09/26/2023 1315	58	176	-59	71	90	98092456.95
09/26/2023 1330	58	183	-56	74	90	98091699.83
09/26/2023 1345	57	190	-53	77	90	97467292.2
09/26/2023 1400	56	197	-50	79	90	96223689.58
09/26/2023 1415	55	203	-47	82	90	94378514.25
09/26/2023 1430	54	209	-44	84	90	91961610.54
09/26/2023 1445	52	215	-41	86	90	88993302.04
09/26/2023 1500	50	220	-38	88	90	85474384.65
09/26/2023 1515	48	225	-35	90	90	81437625.07
09/26/2023 1530	46	229	-32	92	90	77018284.21
09/26/2023 1545	43	233	-28	93	91	72404196.36
09/26/2023 1600	41	236	-25	95	91	67652737.86
09/26/2023 1615	38	240	-22	97	91	62609547.03
09/26/2023 1630	35	243	-19	98	91	57106012.05
09/26/2023 1645	32	246	-16	100	91	51207646.43
09/26/2023 1700	29	248	-13	102	91	45150620.76
09/26/2023 1715	26	251	-10	103	91	39086953.78
09/26/2023 1730	23	253	-7	105	91	33068347.12
09/26/2023 1745	20	256	-4	107	91	27222619.08
09/26/2023 1800	17	258	-1	109	91	21703989.32
09/26/2023 1815	14	260	2	110	91	16525362.97
09/26/2023 1830	11	262	5	112	91	11720831.35
09/26/2023 1845	7	264	8	114	91	7504647.58
09/26/2023 1900	4	266	11	116	91	3992142.61
09/26/2023 1915	1	268	13	118	92	1427123.13
09/26/2023 1930	-2	270	16	121	92	143918.63
09/26/2023 1945	-6	272	19	123	92	5724.43
09/26/2023 2000	-9	274	21	126	92	185.36
09/26/2023 2015	-12	276	24	128	92	45.31
09/26/2023 2030	-15	278	26	131	92	43.34
09/26/2023 2045	-18	280	29	134	92	47.68
09/26/2023 2100	-22	282	31	137	92	52.04
09/26/2023 2115	-25	284	33	140	92	56.81

09/26/2023 2130	-28	286	35	144	92	61.26
09/26/2023 2145	-31	289	37	148	92	65.28
09/26/2023 2200	-34	292	39	152	92	68.84
09/26/2023 2215	-37	294	40	156	92	71.95
09/26/2023 2230	-40	297	41	160	92	74.62
09/26/2023 2245	-42	301	42	165	92	76.87
09/26/2023 2300	-45	304	43	169	93	78.66
09/26/2023 2315	-48	308	44	174	93	79.97
09/26/2023 2330	-50	313	44	179	93	80.77
09/26/2023 2345	-53	317	44	184	93	81.03
09/27/2023 0000	-55	323	44	189	93	80.76
09/27/2023 0015	-56	328	43	194	93	79.96
09/27/2023 0030	-58	335	42	198	93	78.65
09/27/2023 0045	-59	341	41	203	93	76.85
09/27/2023 0100	-60	349	40	207	93	74.57
09/27/2023 0115	-60	356	38	211	93	71.81
09/27/2023 0130	-60	4	37	215	93	68.52
09/27/2023 0145	-60	11	35	219	93	64.69
09/27/2023 0200	-59	19	33	223	93	60.35
09/27/2023 0215	-58	25	31	226	93	55.61
09/27/2023 0230	-56	32	29	229	93	50.59
09/27/2023 0245	-55	37	26	232	94	45.35
09/27/2023 0300	-53	43	24	235	94	39.94
09/27/2023 0315	-50	48	21	238	94	34.46
09/27/2023 0330	-48	52	19	240	94	29.06
09/27/2023 0345	-45	56	16	242	94	23.81
09/27/2023 0400	-43	59	13	245	94	18.74
09/27/2023 0415	-40	63	10	247	94	13.91
09/27/2023 0430	-37	66	8	249	94	9.56
09/27/2023 0445	-34	69	5	251	94	5.79
09/27/2023 0500	-31	71	2	253	94	2.79
09/27/2023 0515	-28	74	-1	255	94	0.89
09/27/2023 0530	-25	76	-4	257	94	0.53
09/27/2023 0545	-22	78	-7	259	94	0.5
09/27/2023 0600	-18	80	-10	261	94	1.12
09/27/2023 0615	-15	83	-13	263	94	1.85
09/27/2023 0630	-12	85	-16	264	94	8.62
09/27/2023 0645	-9	87	-19	266	94	142.52
09/27/2023 0700	-6	89	-22	268	95	5211.02
09/27/2023 0715	-2	90	-25	270	95	134060.17
09/27/2023 0730	1	92	-28	272	95	1376966.55
09/27/2023 0745	4	94	-31	274	95	3901919.26
09/27/2023 0800	7	96	-35	276	95	7386613.48
09/27/2023 0815	10	98	-38	278	95	11573191.15
09/27/2023 0830	14	100	-41	281	95	16351721.64
09/27/2023 0845	17	102	-43	283	95	21506269.05
09/27/2023 0900	20	105	-46	286	95	26996261.59

09/27/2023 0915	23	107	-49	289	95	32812985.59
09/27/2023 0930	26	109	-52	292	95	38806436.67
09/27/2023 0945	29	112	-55	296	95	44844634.16
09/27/2023 1000	32	115	-58	300	95	50876032.35
09/27/2023 1015	35	117	-60	304	95	56758010.83
09/27/2023 1030	38	120	-62	310	95	62255847.79
09/27/2023 1045	40	124	-65	316	95	67288378.44
09/27/2023 1100	43	127	-67	323	95	72010020.11
09/27/2023 1115	45	131	-68	331	95	76581224.67
09/27/2023 1130	48	136	-69	340	96	80962773.25
09/27/2023 1145	50	140	-70	350	96	84975540.86
09/27/2023 1200	52	145	-70	0	96	88477526.41
09/27/2023 1215	54	151	-70	10	96	91426574.4
09/27/2023 1230	55	157	-69	20	96	93820641.76
09/27/2023 1245	56	163	-68	29	96	95643747.21
09/27/2023 1300	57	170	-66	37	96	96868728.24
09/27/2023 1315	57	177	-64	43	96	97476904.92
09/27/2023 1330	57	184	-62	49	96	97461846.68
09/27/2023 1345	57	190	-59	54	96	96823650.02
09/27/2023 1400	56	197	-57	59	96	95569160.12
09/27/2023 1415	55	203	-54	63	96	93717657.88
09/27/2023 1430	53	209	-51	66	96	91296241.37
09/27/2023 1445	52	215	-48	69	96	88319871.6
09/27/2023 1500	50	220	-45	72	96	84790780.87
09/27/2023 1515	48	224	-42	75	96	80755077.3
09/27/2023 1530	45	229	-39	77	96	76359462.47
09/27/2023 1545	43	233	-36	80	96	71780594.2
09/27/2023 1600	40	236	-33	82	96	67047116.89
09/27/2023 1615	37	240	-30	84	96	61992032.42
09/27/2023 1630	35	243	-27	86	97	56468734.88
09/27/2023 1645	32	245	-24	88	97	50571110.62
09/27/2023 1700	29	248	-21	89	97	44534638.59
09/27/2023 1715	26	251	-18	91	97	38494439.55
09/27/2023 1730	23	253	-15	93	97	32502677.36
09/27/2023 1745	20	255	-12	95	97	26696851.12
09/27/2023 1800	17	257	-8	96	97	21222023.06
09/27/2023 1815	13	260	-5	98	97	16081176.22
09/27/2023 1830	10	262	-2	100	97	11325041.19
09/27/2023 1845	7	264	1	102	97	7172829.23
09/27/2023 1900	4	266	4	104	97	3726541.38
09/27/2023 1915	1	267	7	106	97	1274765.78
09/27/2023 1930	-3	269	10	108	97	113748.66
09/27/2023 1945	-6	271	13	110	97	4204.28
09/27/2023 2000	-9	273	16	112	97	145.94
09/27/2023 2015	-12	275	19	114	97	45.23
09/27/2023 2030	-15	277	22	116	97	47.56
09/27/2023 2045	-19	279	24	119	97	55.36

09/27/2023 2100	-22	282	27	121	97	63.31
09/27/2023 2115	-25	284	30	124	97	71.85
09/27/2023 2130	-28	286	33	127	97	80.32
09/27/2023 2145	-31	289	35	130	97	88.49
09/27/2023 2200	-34	291	37	133	97	96.1
09/27/2023 2215	-37	294	40	137	98	103.06
09/27/2023 2230	-40	297	42	141	98	109.48
09/27/2023 2245	-43	300	44	145	98	115.5
09/27/2023 2300	-46	304	46	150	98	121.12
09/27/2023 2315	-48	308	47	154	98	126.22
09/27/2023 2330	-51	312	48	159	98	130.66
09/27/2023 2345	-53	317	49	165	98	134.33
09/28/2023 0000	-55	322	50	170	98	137.14
09/28/2023 0015	-57	328	51	176	98	139.08
09/28/2023 0030	-58	335	51	182	98	140.11
09/28/2023 0045	-60	341	51	187	98	140.23
09/28/2023 0100	-60	349	50	193	98	139.42
09/28/2023 0115	-61	356	49	198	98	137.68
09/28/2023 0130	-61	4	48	204	98	135.04
09/28/2023 0145	-60	12	47	209	98	131.53
09/28/2023 0200	-60	19	45	213	98	127.26
09/28/2023 0215	-58	26	44	218	98	122.38
09/28/2023 0230	-57	32	42	222	98	116.98
09/28/2023 0245	-55	38	40	226	98	111.04
09/28/2023 0300	-53	43	37	230	98	104.39
09/28/2023 0315	-51	48	35	233	98	96.91
09/28/2023 0330	-48	52	32	236	98	88.69
09/28/2023 0345	-45	56	30	239	98	80.01
09/28/2023 0400	-43	60	27	242	98	71.09
09/28/2023 0415	-40	63	24	245	98	62.01
09/28/2023 0430	-37	66	22	247	98	52.91
09/28/2023 0445	-34	69	19	249	98	44.02
09/28/2023 0500	-31	72	16	252	98	35.52
09/28/2023 0515	-28	74	13	254	98	27.39
09/28/2023 0530	-25	76	10	256	99	19.77
09/28/2023 0545	-22	79	7	258	99	13.03
09/28/2023 0600	-19	81	4	260	99	7.91
09/28/2023 0615	-15	83	1	262	99	4.34
09/28/2023 0630	-12	85	-2	264	99	8.2
09/28/2023 0645	-9	87	-5	266	99	124.64
09/28/2023 0700	-6	89	-8	268	99	4509.64
09/28/2023 0715	-3	91	-11	270	99	120101.84
09/28/2023 0730	1	93	-14	272	99	1305939.84
09/28/2023 0745	4	95	-17	274	99	3776942.51
09/28/2023 0800	7	97	-20	276	99	7228828.4
09/28/2023 0815	10	99	-23	278	99	11382396.15
09/28/2023 0830	13	101	-26	280	99	16133878.88



09/28/2023 0845	17	103	-29	282	99	21265196.51
09/28/2023 0900	20	105	-32	284	99	26727304.38
09/28/2023 0915	23	107	-35	287	99	32516075.76
09/28/2023 0930	26	110	-38	290	99	38486542.16
09/28/2023 0945	29	112	-41	292	99	44501901.43
09/28/2023 1000	32	115	-44	295	99	50510051.44
09/28/2023 1015	35	118	-46	299	99	56378256.79
09/28/2023 1030	37	121	-49	302	99	61874016.05
09/28/2023 1045	40	124	-52	306	99	66900182.87
09/28/2023 1100	43	128	-54	311	99	71595598.64
09/28/2023 1115	45	132	-56	316	99	76125746.03
09/28/2023 1130	47	136	-58	321	99	80469936.34
09/28/2023 1145	50	141	-60	327	99	84459268.07
09/28/2023 1200	52	146	-61	334	99	87946146.37
09/28/2023 1215	53	151	-62	341	99	90878705.91
09/28/2023 1230	55	157	-63	349	99	93252451.82
09/28/2023 1245	56	163	-63	356	99	95055013.87
09/28/2023 1300	56	170	-63	4	99	96262192.33
09/28/2023 1315	57	177	-63	12	99	96855062.35
09/28/2023 1330	57	184	-62	20	99	96825889.73
09/28/2023 1345	56	190	-61	26	99	96174981.88
09/28/2023 1400	56	197	-59	33	99	94910972.04
09/28/2023 1415	54	203	-57	39	99	93053732.99
09/28/2023 1430	53	209	-55	44	99	90627062.57
09/28/2023 1445	51	215	-53	48	99	87641659.3
09/28/2023 1500	49	220	-50	53	99	84103376.92
09/28/2023 1515	47	224	-48	56	99	80072153.48
09/28/2023 1530	45	228	-45	60	99	75703283.91
09/28/2023 1545	42	232	-42	63	100	71158937.66
09/28/2023 1600	40	236	-40	66	100	66439697.31
09/28/2023 1615	37	239	-37	69	100	61370328.58
09/28/2023 1630	34	242	-34	71	100	55828838.89
09/28/2023 1645	31	245	-31	74	100	49934998.5
09/28/2023 1700	29	248	-28	76	100	43920304.74
09/28/2023 1715	26	250	-25	78	100	37903712.56
09/28/2023 1730	22	253	-22	80	100	31940000.15
09/28/2023 1745	19	255	-19	82	100	26175324.2
09/28/2023 1800	16	257	-16	84	100	20743947.9
09/28/2023 1815	13	259	-12	86	100	15640997.5
09/28/2023 1830	10	261	-9	88	100	10935115.54
09/28/2023 1845	7	263	-6	89	100	6847209.42
09/28/2023 1900	4	265	-3	91	100	3468576.04
09/28/2023 1915	1	267	1	93	100	1134793.14
09/28/2023 1930	-3	269	3	95	100	89215.03
09/28/2023 1945	-6	271	7	97	100	3080.3
09/28/2023 2000	-9	273	10	99	100	112.82
09/28/2023 2015	-13	275	13	101	100	42.62

09/28/2023 2030	-16	277	16	102	100	50.31
09/28/2023 2045	-19	279	19	105	100	63.09
09/28/2023 2100	-22	281	22	107	100	76.87
09/28/2023 2115	-25	283	25	109	100	92.01
09/28/2023 2130	-28	286	28	111	100	107.57
09/28/2023 2145	-31	288	31	114	100	123.4
09/28/2023 2200	-34	291	34	116	100	139.28
09/28/2023 2215	-37	294	37	119	100	154.68
09/28/2023 2230	-40	297	39	122	100	169.15
09/28/2023 2245	-43	300	42	126	100	182.85
09/28/2023 2300	-46	304	44	129	100	196.3
09/28/2023 2315	-48	308	47	133	100	209.62
09/28/2023 2330	-51	312	49	138	100	222.42
09/28/2023 2345	-53	317	51	142	100	234.22
09/29/2023 0000	-55	322	53	147	100	244.78
09/29/2023 0015	-57	328	55	153	100	254.07
09/29/2023 0030	-59	334	56	159	100	262.03
09/29/2023 0045	-60	341	57	165	100	268.54
09/29/2023 0100	-61	349	58	172	100	273.5
09/29/2023 0115	-61	356	58	179	100	276.83
09/29/2023 0130	-61	4	58	186	100	278.5
09/29/2023 0145	-61	12	58	193	100	278.46
09/29/2023 0200	-60	19	57	200	100	276.69
09/29/2023 0215	-59	26	56	206	100	273.17
09/29/2023 0230	-57	33	54	212	100	267.97
09/29/2023 0245	-55	38	53	217	100	261.11
09/29/2023 0300	-53	44	51	222	100	252.56
09/29/2023 0315	-51	49	48	227	100	242.35
09/29/2023 0330	-48	53	46	231	100	230.78
09/29/2023 0345	-46	57	44	235	100	218.38
09/29/2023 0400	-43	60	41	238	100	205.41
09/29/2023 0415	-40	64	38	242	100	191.52
09/29/2023 0430	-37	67	36	245	100	176.18
09/29/2023 0445	-34	69	33	247	100	159.4
09/29/2023 0500	-31	72	30	250	100	141.83
09/29/2023 0515	-28	75	27	253	100	124.04
09/29/2023 0530	-25	77	24	255	100	106.26
09/29/2023 0545	-22	79	21	257	100	88.8
09/29/2023 0600	-19	81	18	259	100	72.75
09/29/2023 0615	-16	83	15	262	100	57.78
09/29/2023 0630	-12	85	12	264	100	48.76
09/29/2023 0645	-9	87	9	266	100	137.48
09/29/2023 0700	-6	89	6	268	100	3915.83
09/29/2023 0715	-3	91	3	269	100	107350.63
09/29/2023 0730	1	93	0	271	100	1237169.71
09/29/2023 0745	4	95	-3	273	100	3652678.59
09/29/2023 0800	7	97	-6	275	100	7071099.72

09/29/2023 0815	10	99	-9	277	100	11191193.33
09/29/2023 0830	13	101	-12	279	100	15914840.21
09/29/2023 0845	16	103	-15	281	100	21022593.65
09/29/2023 0900	20	105	-18	283	100	26456561.18
09/29/2023 0915	23	108	-21	286	100	32216706.75
09/29/2023 0930	26	110	-24	288	100	38163578.49
09/29/2023 0945	29	113	-27	290	100	44155824.18
09/29/2023 1000	32	115	-30	293	100	50140129.89
09/29/2023 1015	34	118	-33	296	100	55993412.4
09/29/2023 1030	37	121	-35	298	100	61486498.79
09/29/2023 1045	40	125	-38	302	100	66507232.78
09/29/2023 1100	42	128	-41	305	100	71178010.92
09/29/2023 1115	45	132	-43	308	100	75667506.76
09/29/2023 1130	47	136	-45	312	100	79972994.28
09/29/2023 1145	49	141	-47	316	100	83937143.15
09/29/2023 1200	51	146	-49	321	100	87408361.67
09/29/2023 1215	53	152	-51	326	100	90325181.68
09/29/2023 1230	54	158	-53	331	100	92679534.76
09/29/2023 1245	55	164	-54	336	100	94461770.21
09/29/2023 1300	56	170	-55	342	100	95650734.68
09/29/2023 1315	56	177	-56	349	100	96227932.45
09/29/2023 1330	56	184	-56	355	100	96184898.73
09/29/2023 1345	56	190	-56	1	100	95522199.71
09/29/2023 1400	55	197	-56	8	100	94249660.21
09/29/2023 1415	54	203	-55	14	100	92386835.95
09/29/2023 1430	53	209	-54	20	100	89953988.74
09/29/2023 1445	51	214	-53	25	100	86958868.22
09/29/2023 1500	49	219	-51	31	100	83412897.37
09/29/2023 1515	47	224	-50	36	100	79389753.42
09/29/2023 1530	45	228	-48	40	100	75050216.78
09/29/2023 1545	42	232	-46	44	100	70539105.7
09/29/2023 1600	40	236	-43	48	100	65830266.21
09/29/2023 1615	37	239	-41	52	100	60744678.39
09/29/2023 1630	34	242	-38	55	100	55186950.28
09/29/2023 1645	31	245	-36	58	100	49299844.77
09/29/2023 1700	28	248	-33	61	100	43307925.78
09/29/2023 1715	25	250	-30	64	100	37315109.76
09/29/2023 1730	22	252	-28	66	100	31380741.96
09/29/2023 1745	19	255	-25	68	100	25658317.72
09/29/2023 1800	16	257	-22	71	100	20269928.65
09/29/2023 1815	13	259	-19	73	100	15205152.31
09/29/2023 1830	10	261	-16	75	100	10551355.5
09/29/2023 1845	7	263	-13	77	100	6527874.78
09/29/2023 1900	3	265	-10	79	100	3218778.51
09/29/2023 1915	1	267	-7	81	99	1007005.24
09/29/2023 1930	-3	269	-3	83	99	69469.33
09/29/2023 1945	-6	271	0	84	99	2247.78

09/29/2023 2000	-10	273	3	86	99	72.83
09/29/2023 2015	-13	275	6	88	99	17.66
09/29/2023 2030	-16	277	9	90	99	21.72
09/29/2023 2045	-19	279	12	92	99	30.42
09/29/2023 2100	-22	281	15	93	99	39.93
09/29/2023 2115	-25	283	19	95	99	50.61
09/29/2023 2130	-29	285	22	97	99	61.97
09/29/2023 2145	-32	288	25	99	99	73.82
09/29/2023 2200	-35	291	28	101	99	85.82
09/29/2023 2215	-38	293	31	104	99	97.87
09/29/2023 2230	-41	296	34	106	99	109.75
09/29/2023 2245	-43	300	37	108	99	120.97
09/29/2023 2300	-46	303	40	111	99	131.24
09/29/2023 2315	-49	307	43	114	99	140.9
09/29/2023 2330	-51	312	46	117	99	150.46
09/29/2023 2345	-54	317	49	120	99	159.82
09/30/2023 0000	-56	322	51	124	99	168.46
09/30/2023 0015	-58	328	54	129	99	176.13
09/30/2023 0030	-59	334	56	133	99	182.9
09/30/2023 0045	-60	341	59	139	99	188.66
09/30/2023 0100	-61	349	61	145	99	193.09
09/30/2023 0115	-62	357	62	152	99	196.03
09/30/2023 0130	-62	4	64	159	99	197.73
09/30/2023 0145	-61	12	65	167	99	198.47
09/30/2023 0200	-60	20	65	176	99	198.39
09/30/2023 0215	-59	27	65	185	99	197.49
09/30/2023 0230	-57	33	65	193	99	195.8
09/30/2023 0245	-55	39	64	202	99	193.32
09/30/2023 0300	-53	44	63	209	99	190.01
09/30/2023 0315	-51	49	61	216	99	185.64
09/30/2023 0330	-49	53	59	222	99	179.98
09/30/2023 0345	-46	57	57	228	99	173.1
09/30/2023 0400	-43	61	55	233	99	165.35
09/30/2023 0415	-40	64	52	237	99	156.92
09/30/2023 0430	-37	67	50	241	99	147.79
09/30/2023 0445	-34	70	47	245	99	138.09
09/30/2023 0500	-31	73	44	248	99	128.27
09/30/2023 0515	-28	75	41	251	99	118.59
09/30/2023 0530	-25	77	38	254	99	108.75
09/30/2023 0545	-22	80	35	256	98	98.34
09/30/2023 0600	-19	82	32	259	98	88.03
09/30/2023 0615	-16	84	29	261	98	77.68
09/30/2023 0630	-12	86	26	263	98	71.98
09/30/2023 0645	-9	88	23	265	98	150.53
09/30/2023 0700	-6	90	20	267	98	3411.91
09/30/2023 0715	-3	92	17	269	98	95743.21
09/30/2023 0730	1	94	14	271	98	1170692.09

09/30/2023 0745	4	95	11	273	98	3529185.95
09/30/2023 0800	7	97	8	275	98	6913417.92
09/30/2023 0815	10	99	5	277	98	10999585.57
09/30/2023 0830	13	102	2	279	98	15694591.1
09/30/2023 0845	16	104	-2	281	98	20778424.68
09/30/2023 0900	19	106	-5	283	98	26184018.31
09/30/2023 0915	22	108	-8	285	98	31914881.1
09/30/2023 0930	25	111	-11	287	98	37837532.4
09/30/2023 0945	28	113	-13	289	98	43806395.66
09/30/2023 1000	31	116	-16	291	98	49766307.68
09/30/2023 1015	34	119	-19	293	98	55603523.71
09/30/2023 1030	37	122	-22	296	98	61093255.09
09/30/2023 1045	40	125	-25	298	98	66109409.2
09/30/2023 1100	42	129	-27	301	98	70757215.38
09/30/2023 1115	45	133	-30	304	98	75206683.09
09/30/2023 1130	47	137	-32	307	98	79472290.62
09/30/2023 1145	49	142	-35	310	98	83409459.64
09/30/2023 1200	51	147	-37	313	98	86864253.15
09/30/2023 1215	53	152	-39	317	98	89765933.97
09/30/2023 1230	54	158	-41	320	98	92101901.89
09/30/2023 1245	55	164	-43	325	98	93864303
09/30/2023 1300	56	171	-44	329	97	95034962.64
09/30/2023 1315	56	177	-46	333	97	95596347.88
09/30/2023 1330	56	184	-47	338	97	95539753.17
09/30/2023 1345	56	191	-48	343	97	94866011.71
09/30/2023 1400	55	197	-49	348	97	93585577.42
09/30/2023 1415	54	203	-49	354	97	91716964.46
09/30/2023 1430	52	209	-49	359	97	89276959.67
09/30/2023 1445	51	214	-49	4	97	86271810.01
09/30/2023 1500	49	219	-49	10	97	82720146.78
09/30/2023 1515	47	224	-48	15	97	78708748.71
09/30/2023 1530	44	228	-47	20	97	74400632
09/30/2023 1545	42	232	-46	25	97	69920919.82
09/30/2023 1600	39	235	-44	29	97	65218645.56
09/30/2023 1615	36	239	-43	34	97	60115392.95
09/30/2023 1630	34	242	-41	38	97	54543712.81
09/30/2023 1645	31	245	-39	41	97	48666156.51
09/30/2023 1700	28	247	-37	45	97	42697796.32
09/30/2023 1715	25	250	-34	48	97	36728980.09
09/30/2023 1730	22	252	-32	51	97	30825322.34
09/30/2023 1745	19	254	-29	54	97	25146086.84
09/30/2023 1800	16	257	-27	57	97	19800132.19
09/30/2023 1815	13	259	-24	59	97	14773977.78
09/30/2023 1830	9	261	-21	62	97	10174035.63
09/30/2023 1845	6	263	-19	64	97	6214911.22
09/30/2023 1900	3	265	-16	66	96	2977696.14
09/30/2023 1915	0	267	-13	68	96	890953.43

09/30/2023 1930	-3	269	-10	70	96	53738.01
09/30/2023 1945	-7	270	-7	72	96	1647.38
09/30/2023 2000	-10	272	-4	74	96	51.64
09/30/2023 2015	-13	274	-1	76	96	5.13
09/30/2023 2030	-16	276	2	78	96	4.4
09/30/2023 2045	-19	278	5	80	96	7.73
09/30/2023 2100	-23	281	8	81	96	11.91
09/30/2023 2115	-26	283	11	83	96	17.49
09/30/2023 2130	-29	285	15	85	96	23.73
09/30/2023 2145	-32	288	18	87	96	30.43
09/30/2023 2200	-35	290	21	88	96	37.6
09/30/2023 2215	-38	293	24	90	96	45.2
09/30/2023 2230	-41	296	27	92	96	53.01
09/30/2023 2245	-44	299	30	94	96	60.93
09/30/2023 2300	-47	303	33	96	96	68.87
09/30/2023 2315	-49	307	37	98	96	76.53
09/30/2023 2330	-52	311	40	100	96	83.63
09/30/2023 2345	-54	316	43	102	96	90.36