

(7482) 1994 PC1

07482	[H=16.56]																	
Date	UT	R.A. (J2000)		Decl.	Delta	r	El.	Ph.	V	Sky Motion		Object		Sun	Moon			
Uncertainty	info									"/min	P.A.	Azi.	Alt.	Alt.	Phase	Dist.	Alt.	
	h m s																	
2022 01 18	170000	02 20	39.9	-04 10 15	0.013	0.985	93.0	86.2	10.2	119.88	319.8	341	+32	-09	0.99	096	+06	
2022 01 18	171500	02 19	22.3	-03 47 18	0.013	0.985	92.8	86.4	10.2	120.26	319.9	345	+34	-11	0.99	096	+08	
2022 01 18	173000	02 18	04.5	-03 24 17	0.013	0.985	92.7	86.6	10.2	120.62	319.9	350	+35	-14	0.99	097	+10	
2022 01 18	174500	02 16	46.6	-03 01 11	0.013	0.985	92.5	86.7	10.2	120.95	319.9	355	+35	-16	0.99	097	+12	
2022 01 18	180000	02 15	28.5	-02 38 02	0.013	0.984	92.3	86.9	10.2	121.26	319.9	000	+36	-18	0.99	097	+14	
2022 01 18	181500	02 14	10.2	-02 14 49	0.013	0.984	92.1	87.1	10.2	121.54	319.9	005	+36	-20	0.99	097	+16	
2022 01 18	183000	02 12	51.8	-01 51 32	0.013	0.984	91.9	87.3	10.2	121.80	319.9	010	+36	-23	0.99	098	+19	
2022 01 18	184500	02 11	33.3	-01 28 12	0.013	0.984	91.8	87.5	10.2	122.03	320.0	015	+36	-25	0.99	098	+21	
2022 01 18	190000	02 10	14.7	-01 04 50	0.013	0.984	91.6	87.6	10.2	122.23	320.0	020	+35	-27	0.99	098	+23	
2022 01 18	191500	02 08	56.1	-00 41 25	0.013	0.984	91.4	87.8	10.2	122.41	320.0	025	+35	-30	0.99	098	+25	
2022 01 18	193000	02 07	37.3	-00 17 57	0.013	0.984	91.2	88.0	10.2	122.56	320.0	030	+34	-32	0.99	099	+27	
2022 01 18	194500	02 06	18.5	+00 05 32	0.013	0.984	91.0	88.2	10.2	122.68	320.0	035	+33	-34	0.99	099	+30	
2022 01 18	200000	02 04	59.7	+00 29 03	0.013	0.984	90.9	88.4	10.2	122.78	320.0	040	+32	-37	0.99	099	+32	
2022 01 18	201500	02 03	40.8	+00 52 36	0.013	0.984	90.7	88.6	10.3	122.85	320.1	044	+31	-39	0.99	100	+34	
2022 01 18	203000	02 02	22.0	+01 16 09	0.013	0.984	90.5	88.7	10.3	122.90	320.1	049	+29	-41	0.99	100	+36	
2022 01 18	204500	02 01	03.1	+01 39 44	0.013	0.984	90.3	88.9	10.3	122.92	320.1	053	+27	-43	0.99	100	+38	
2022 01 18	210000	01 59	44.2	+02 03 18	0.013	0.984	90.1	89.1	10.3	122.91	320.1	057	+26	-45	0.99	100	+41	
2022 01 18	211500	01 58	25.4	+02 26 53	0.013	0.984	90.0	89.3	10.3	122.88	320.1	061	+24	-47	0.99	101	+43	
2022 01 18	213000	01 57	06.6	+02 50 28	0.013	0.984	89.8	89.5	10.3	122.83	320.2	065	+22	-49	0.99	101	+45	
2022 01 18	214500	01 55	47.8	+03 14 03	0.013	0.984	89.6	89.6	10.3	122.75	320.2	069	+20	-51	0.99	101	+47	
2022 01 18	220000	01 54	29.1	+03 37 36	0.013	0.984	89.4	89.8	10.3	122.65	320.2	073	+18	-53	0.99	101	+49	
2022 01 18	221500	01 53	10.5	+04 01 09	0.013	0.984	89.2	90.0	10.3	122.52	320.2	076	+16	-54	0.99	102	+51	
2022 01 18	223000	01 51	51.9	+04 24 41	0.013	0.984	89.1	90.2	10.3	122.38	320.2	080	+14	-55	0.99	102	+52	
2022 01 18	224500	01 50	33.5	+04 48 11	0.013	0.984	88.9	90.3	10.3	122.21	320.2	083	+11	-57	0.99	102	+54	
2022 01 18	230000	01 49	15.1	+05 11 39	0.013	0.984	88.7	90.5	10.3	122.02	320.3	087	+09	-58	0.99	103	+55	
2022 01 18	231500	01 47	56.8	+05 35 06	0.013	0.984	88.5	90.7	10.3	121.82	320.3	090	+07	-58	0.99	103	+57	
2022 01 18	233000	01 46	38.6	+05 58 30	0.013	0.984	88.4	90.9	10.4	121.59	320.3	094	+05	-59	0.99	103	+58	
2022 01 18	234500	01 45	20.5	+06 21 51	0.013	0.984	88.2	91.1	10.4	121.35	320.3	097	+02	-59	0.99	103	+59	
2022 01 19	000000	01 44	02.6	+06 45 10	0.013	0.984	88.0	91.2	10.4	121.09	320.3	101	+00	-59	0.99	104	+60	
2022 01 19	160000	00 23	52.9	+27 54 32	0.016	0.981	78.8	100.3	11.1	87.55	313.4	357	+66	-01	0.97	116	-09	
2022 01 19	161500	00 22	41.0	+28 09 29	0.016	0.981	78.7	100.4	11.2	86.81	313.2	006	+66	-03	0.97	116	-07	
2022 01 19	163000	00 21	29.5	+28 24 16	0.016	0.981	78.6	100.5	11.2	86.06	313.1	015	+66	-05	0.97	116	-06	
2022 01 19	164500	00 20	18.1	+28 38 52	0.016	0.981	78.5	100.6	11.2	85.31	312.9	024	+66	-07	0.97	116	-04	
2022 01 19	170000	00 19	07.1	+28 53 18	0.016	0.981	78.4	100.7	11.2	84.56	312.8	032	+65	-09	0.97	117	-03	
2022 01 19	171500	00 17	56.3	+29 07 35	0.016	0.981	78.3	100.8	11.2	83.81	312.6	040	+63	-11	0.97	117	-01	
2022 01 19	173000	00 16	45.9	+29 21 41	0.016	0.981	78.2	100.9	11.2	83.05	312.5	047	+62	-13	0.97	117	+01	
2022 01 19	174500	00 15	35.7	+29 35 37	0.016	0.981	78.1	101.0	11.2	82.29	312.3	053	+60	-16	0.97	117	+03	

2022	01	19	180000	00	14	25.9	+29	49	23	0.016	0.981	78.0	101.1	11.3	81.53	312.2	059	+58	-18	0.97	117	+05
2022	01	19	181500	00	13	16.4	+30	02	59	0.016	0.981	77.9	101.2	11.3	80.77	312.0	064	+56	-20	0.97	117	+07
2022	01	19	183000	00	12	07.3	+30	16	25	0.016	0.981	77.8	101.3	11.3	80.01	311.9	069	+54	-22	0.97	117	+09
2022	01	19	184500	00	10	58.5	+30	29	41	0.016	0.981	77.7	101.4	11.3	79.26	311.8	073	+52	-25	0.97	117	+11
2022	01	19	190000	00	09	50.0	+30	42	48	0.017	0.981	77.6	101.5	11.3	78.50	311.6	078	+50	-27	0.97	117	+13
2022	01	19	191500	00	08	42.0	+30	55	46	0.017	0.980	77.5	101.6	11.3	77.75	311.5	082	+47	-29	0.97	118	+15
2022	01	19	193000	00	07	34.3	+31	08	34	0.017	0.980	77.4	101.6	11.3	77.00	311.4	085	+45	-32	0.97	118	+18
2022	01	19	194500	00	06	27.0	+31	21	12	0.017	0.980	77.3	101.7	11.4	76.25	311.2	089	+43	-34	0.97	118	+20
2022	01	19	200000	00	05	20.0	+31	33	42	0.017	0.980	77.2	101.8	11.4	75.50	311.1	092	+40	-36	0.97	118	+22
2022	01	19	201500	00	04	13.5	+31	46	02	0.017	0.980	77.1	101.9	11.4	74.77	311.0	095	+38	-39	0.97	118	+24
2022	01	19	203000	00	03	07.3	+31	58	14	0.017	0.980	77.0	102.0	11.4	74.03	310.9	098	+35	-41	0.97	118	+26
2022	01	19	204500	00	02	01.6	+32	10	17	0.017	0.980	77.0	102.1	11.4	73.30	310.8	102	+33	-43	0.97	118	+29
2022	01	19	210000	00	00	56.2	+32	22	11	0.017	0.980	76.9	102.2	11.4	72.58	310.7	104	+31	-45	0.97	118	+31
2022	01	19	211500	23	59	51.2	+32	33	56	0.017	0.980	76.8	102.2	11.4	71.86	310.6	107	+29	-47	0.97	118	+33
2022	01	19	213000	23	58	46.7	+32	45	33	0.017	0.980	76.7	102.3	11.4	71.16	310.5	110	+26	-49	0.96	118	+35
2022	01	19	214500	23	57	42.5	+32	57	02	0.017	0.980	76.6	102.4	11.5	70.45	310.4	113	+24	-51	0.96	118	+37
2022	01	19	220000	23	56	38.8	+33	08	23	0.017	0.980	76.5	102.5	11.5	69.76	310.3	116	+22	-52	0.96	119	+39
2022	01	19	221500	23	55	35.4	+33	19	36	0.018	0.980	76.5	102.5	11.5	69.08	310.2	119	+20	-54	0.96	119	+41
2022	01	19	223000	23	54	32.5	+33	30	40	0.018	0.980	76.4	102.6	11.5	68.40	310.1	122	+18	-55	0.96	119	+43
2022	01	19	224500	23	53	29.9	+33	41	38	0.018	0.980	76.3	102.7	11.5	67.73	310.0	125	+16	-56	0.96	119	+45
2022	01	19	230000	23	52	27.8	+33	52	27	0.018	0.980	76.2	102.8	11.5	67.07	309.9	127	+14	-57	0.96	119	+47
2022	01	19	231500	23	51	26.0	+34	03	09	0.018	0.980	76.1	102.8	11.5	66.43	309.8	130	+12	-58	0.96	119	+49
2022	01	19	233000	23	50	24.6	+34	13	44	0.018	0.980	76.1	102.9	11.6	65.79	309.8	133	+11	-58	0.96	119	+50
2022	01	19	234500	23	49	23.7	+34	24	11	0.018	0.980	76.0	103.0	11.6	65.16	309.7	136	+09	-59	0.96	119	+52
2022	01	20	000000	23	48	23.1	+34	34	32	0.018	0.980	75.9	103.0	11.6	64.54	309.6	139	+07	-58	0.96	119	+53
2022	01	20	001500	23	47	22.8	+34	44	45	0.018	0.980	75.9	103.1	11.6	63.93	309.5	142	+06	-58	0.96	119	+54
2022	01	20	003000	23	46	23.0	+34	54	52	0.018	0.980	75.8	103.2	11.6	63.34	309.4	145	+05	-57	0.96	119	+55
2022	01	20	004500	23	45	23.5	+35	04	52	0.018	0.980	75.7	103.2	11.6	62.75	309.3	148	+04	-57	0.96	119	+56
2022	01	20	010000	23	44	24.4	+35	14	45	0.018	0.980	75.7	103.3	11.6	62.18	309.2	151	+02	-55	0.96	119	+56
2022	01	20	011500	23	43	25.6	+35	24	32	0.018	0.980	75.6	103.4	11.6	61.61	309.2	154	+01	-54	0.96	119	+57
2022	01	20	013000	23	42	27.1	+35	34	12	0.019	0.980	75.5	103.4	11.7	61.06	309.1	158	+01	-53	0.96	120	+57
2022	01	20	014500	23	41	29.0	+35	43	47	0.019	0.979	75.5	103.5	11.7	60.51	309.0	161	+00	-51	0.96	120	+56
2022	01	20	160000	22	52	36.9	+42	23	41	0.024	0.977	72.9	105.8	12.3	38.38	299.6	068	+72	+00	0.93	121	-17
2022	01	20	161500	22	51	51.8	+42	28	24	0.024	0.977	72.9	105.8	12.3	38.02	299.5	073	+70	-02	0.93	121	-16
2022	01	20	163000	22	51	07.1	+42	33	02	0.024	0.977	72.8	105.8	12.3	37.66	299.3	078	+68	-04	0.93	121	-14
2022	01	20	164500	22	50	22.7	+42	37	37	0.024	0.977	72.8	105.9	12.4	37.30	299.2	082	+65	-07	0.93	121	-13
2022	01	20	170000	22	49	38.6	+42	42	08	0.024	0.977	72.7	105.9	12.4	36.95	299.0	086	+63	-09	0.93	121	-12
2022	01	20	171500	22	48	54.8	+42	46	35	0.024	0.977	72.7	105.9	12.4	36.60	298.9	090	+60	-11	0.93	121	-10
2022	01	20	173000	22	48	11.3	+42	50	59	0.024	0.977	72.7	106.0	12.4	36.24	298.8	093	+58	-13	0.93	121	-08
2022	01	20	174500	22	47	28.1	+42	55	18	0.025	0.977	72.6	106.0	12.4	35.89	298.6	096	+56	-15	0.93	121	-06
2022	01	20	180000	22	46	45.3	+42	59	35	0.025	0.977	72.6	106.0	12.4	35.55	298.5	098	+53	-18	0.93	121	-05
2022	01	20	181500	22	46	02.7	+43	03	47	0.025	0.977	72.6	106.0	12.4	35.20	298.4	101	+51	-20	0.93	121	-03
2022	01	20	183000	22	45	20.5	+43	07	57	0.025	0.977	72.6	106.1	12.4	34.86	298.3	104	+48	-22	0.93	121	-01
2022	01	20	184500	22	44	38.6	+43	12	03	0.025	0.977	72.5	106.1	12.4	34.52	298.2	106	+46	-25	0.93	121	+01
2022	01	20	190000	22	43	57.0	+43	16	06	0.025	0.977	72.5	106.1	12.4	34.18	298.1	109	+44	-27	0.92	121	+03
2022	01	20	191500	22	43	15.8	+43	20	06	0.025	0.977	72.5	106.1	12.5	33.85	298.0	111	+42	-29	0.92	121	+05

2022	01	20	193000	22	42	34.8	+43	24	03	0.025	0.977	72.4	106.2	12.5	33.52	297.9	113	+39	-32	0.92	121	+07
2022	01	20	194500	22	41	54.2	+43	27	57	0.025	0.977	72.4	106.2	12.5	33.19	297.8	116	+37	-34	0.92	121	+10
2022	01	20	200000	22	41	14.0	+43	31	48	0.025	0.977	72.4	106.2	12.5	32.87	297.8	118	+35	-36	0.92	121	+12
2022	01	20	201500	22	40	34.0	+43	35	36	0.026	0.977	72.3	106.2	12.5	32.56	297.7	120	+33	-38	0.92	121	+14
2022	01	20	203000	22	39	54.3	+43	39	21	0.026	0.977	72.3	106.3	12.5	32.24	297.6	123	+31	-41	0.92	121	+16
2022	01	20	204500	22	39	15.0	+43	43	04	0.026	0.977	72.3	106.3	12.5	31.94	297.6	125	+29	-43	0.92	121	+18
2022	01	20	210000	22	38	36.0	+43	46	45	0.026	0.976	72.3	106.3	12.5	31.64	297.5	127	+27	-45	0.92	121	+21
2022	01	20	211500	22	37	57.3	+43	50	23	0.026	0.976	72.2	106.3	12.5	31.34	297.5	130	+25	-47	0.92	121	+23
2022	01	20	213000	22	37	18.9	+43	53	59	0.026	0.976	72.2	106.3	12.5	31.05	297.4	132	+23	-49	0.92	121	+25
2022	01	20	214500	22	36	40.8	+43	57	32	0.026	0.976	72.2	106.4	12.6	30.76	297.4	135	+22	-50	0.92	121	+27
2022	01	20	220000	22	36	03.0	+44	01	03	0.026	0.976	72.2	106.4	12.6	30.48	297.3	137	+20	-52	0.92	121	+29
2022	01	20	221500	22	35	25.5	+44	04	32	0.026	0.976	72.1	106.4	12.6	30.21	297.3	140	+18	-54	0.92	121	+31
2022	01	20	223000	22	34	48.3	+44	07	59	0.026	0.976	72.1	106.4	12.6	29.94	297.3	142	+17	-55	0.92	121	+33
2022	01	20	224500	22	34	11.3	+44	11	24	0.027	0.976	72.1	106.4	12.6	29.68	297.3	145	+16	-56	0.92	121	+36
2022	01	20	230000	22	33	34.7	+44	14	47	0.027	0.976	72.1	106.5	12.6	29.42	297.2	147	+14	-57	0.92	121	+38
2022	01	20	231500	22	32	58.3	+44	18	08	0.027	0.976	72.0	106.5	12.6	29.17	297.2	150	+13	-58	0.91	121	+39
2022	01	20	233000	22	32	22.2	+44	21	27	0.027	0.976	72.0	106.5	12.6	28.93	297.2	152	+12	-58	0.91	121	+41
2022	01	20	234500	22	31	46.3	+44	24	45	0.027	0.976	72.0	106.5	12.6	28.69	297.2	155	+11	-58	0.91	121	+43
2022	01	21	000000	22	31	10.7	+44	28	01	0.027	0.976	72.0	106.5	12.6	28.46	297.2	158	+10	-58	0.91	121	+45
2022	01	21	001500	22	30	35.4	+44	31	15	0.027	0.976	71.9	106.5	12.6	28.23	297.2	160	+09	-58	0.91	121	+46
2022	01	21	003000	22	30	00.3	+44	34	27	0.027	0.976	71.9	106.6	12.7	28.01	297.1	163	+08	-57	0.91	121	+48
2022	01	21	004500	22	29	25.4	+44	37	38	0.027	0.976	71.9	106.6	12.7	27.80	297.1	166	+08	-56	0.91	121	+49
2022	01	21	010000	22	28	50.8	+44	40	48	0.027	0.976	71.9	106.6	12.7	27.59	297.1	169	+07	-55	0.91	121	+50
2022	01	21	011500	22	28	16.3	+44	43	56	0.028	0.976	71.9	106.6	12.7	27.39	297.1	171	+07	-54	0.91	121	+51
2022	01	21	013000	22	27	42.1	+44	47	02	0.028	0.976	71.8	106.6	12.7	27.20	297.1	174	+07	-52	0.91	121	+51
2022	01	21	014500	22	27	08.1	+44	50	07	0.028	0.976	71.8	106.6	12.7	27.01	297.1	177	+07	-51	0.91	121	+52
2022	01	21	020000	22	26	34.3	+44	53	11	0.028	0.976	71.8	106.6	12.7	26.82	297.0	180	+07	-49	0.91	121	+52
2022	01	21	021500	22	26	00.6	+44	56	13	0.028	0.976	71.8	106.7	12.7	26.64	297.0	182	+07	-47	0.91	121	+52
2022	01	21	023000	22	25	27.2	+44	59	14	0.028	0.976	71.8	106.7	12.7	26.47	297.0	185	+07	-45	0.91	121	+52
2022	01	21	024500	22	24	53.9	+45	02	13	0.028	0.976	71.8	106.7	12.7	26.30	297.0	188	+07	-43	0.91	121	+51
2022	01	21	030000	22	24	20.8	+45	05	11	0.028	0.976	71.7	106.7	12.7	26.14	296.9	191	+08	-41	0.91	121	+51
2022	01	21	031500	22	23	47.9	+45	08	08	0.028	0.976	71.7	106.7	12.8	25.98	296.9	193	+08	-39	0.91	121	+50
2022	01	21	033000	22	23	15.1	+45	11	04	0.029	0.975	71.7	106.7	12.8	25.82	296.8	196	+09	-37	0.90	121	+49
2022	01	21	034500	22	22	42.5	+45	13	58	0.029	0.975	71.7	106.7	12.8	25.67	296.8	199	+10	-34	0.90	121	+48
2022	01	21	040000	22	22	10.0	+45	16	51	0.029	0.975	71.7	106.7	12.8	25.53	296.7	201	+10	-32	0.90	121	+46
2022	01	21	041500	22	21	37.7	+45	19	42	0.029	0.975	71.6	106.7	12.8	25.38	296.7	204	+11	-30	0.90	121	+45
2022	01	21	043000	22	21	05.5	+45	22	32	0.029	0.975	71.6	106.8	12.8	25.25	296.6	207	+13	-27	0.90	121	+43
2022	01	21	044500	22	20	33.4	+45	25	21	0.029	0.975	71.6	106.8	12.8	25.11	296.5	209	+14	-25	0.90	121	+41
2022	01	21	050000	22	20	01.5	+45	28	09	0.029	0.975	71.6	106.8	12.8	24.98	296.4	212	+15	-23	0.90	121	+40
2022	01	21	051500	22	19	29.7	+45	30	55	0.029	0.975	71.6	106.8	12.8	24.85	296.4	214	+16	-20	0.90	121	+38
2022	01	21	053000	22	18	57.9	+45	33	40	0.029	0.975	71.6	106.8	12.8	24.72	296.3	217	+18	-18	0.90	121	+36
2022	01	21	054500	22	18	26.3	+45	36	23	0.029	0.975	71.6	106.8	12.8	24.59	296.2	219	+19	-16	0.90	121	+34
2022	01	21	060000	22	17	54.9	+45	39	05	0.030	0.975	71.5	106.8	12.8	24.47	296.1	221	+21	-14	0.90	121	+31
2022	01	21	160000	21	58	22.3	+47	05	06	0.034	0.974	71.0	107.2	13.1	19.16	289.5	094	+66	+00	0.87	120	-25
2022	01	21	161500	21	57	55.9	+47	06	42	0.034	0.974	70.9	107.2	13.2	19.00	289.4	097	+63	-02	0.87	120	-24
2022	01	21	163000	21	57	29.7	+47	08	16	0.034	0.974	70.9	107.2	13.2	18.84	289.3	099	+61	-04	0.87	120	-23

2022	01	21	164500	21	57	03.6	+47	09	48	0.034	0.973	70.9	107.2	13.2	18.68	289.2	101	+59	-06	0.87	120	-22
2022	01	21	170000	21	56	37.8	+47	11	20	0.034	0.973	70.9	107.2	13.2	18.52	289.1	104	+56	-09	0.87	120	-21
2022	01	21	171500	21	56	12.1	+47	12	50	0.034	0.973	70.9	107.2	13.2	18.36	289.0	106	+54	-11	0.87	120	-19
2022	01	21	173000	21	55	46.6	+47	14	19	0.034	0.973	70.9	107.2	13.2	18.20	288.9	108	+52	-13	0.87	120	-18
2022	01	21	174500	21	55	21.4	+47	15	47	0.035	0.973	70.9	107.2	13.2	18.04	288.8	110	+49	-15	0.87	120	-16
2022	01	21	180000	21	54	56.3	+47	17	13	0.035	0.973	70.8	107.2	13.2	17.89	288.7	112	+47	-17	0.87	120	-14
2022	01	21	181500	21	54	31.4	+47	18	39	0.035	0.973	70.8	107.2	13.2	17.73	288.6	114	+45	-20	0.86	120	-13
2022	01	21	183000	21	54	06.7	+47	20	03	0.035	0.973	70.8	107.2	13.2	17.58	288.6	116	+43	-22	0.86	120	-11
2022	01	21	184500	21	53	42.2	+47	21	27	0.035	0.973	70.8	107.2	13.2	17.42	288.5	118	+41	-24	0.86	120	-09
2022	01	21	190000	21	53	18.0	+47	22	49	0.035	0.973	70.8	107.3	13.2	17.27	288.5	121	+39	-27	0.86	120	-07
2022	01	21	191500	21	52	53.9	+47	24	11	0.035	0.973	70.8	107.3	13.2	17.12	288.4	123	+37	-29	0.86	120	-05
2022	01	21	193000	21	52	30.0	+47	25	32	0.035	0.973	70.8	107.3	13.3	16.97	288.4	125	+35	-31	0.86	120	-03
2022	01	21	194500	21	52	06.3	+47	26	52	0.035	0.973	70.8	107.3	13.3	16.82	288.4	127	+33	-34	0.86	120	-01
2022	01	21	200000	21	51	42.8	+47	28	11	0.036	0.973	70.7	107.3	13.3	16.68	288.4	129	+31	-36	0.86	120	+01
2022	01	21	201500	21	51	19.4	+47	29	30	0.036	0.973	70.7	107.3	13.3	16.54	288.4	131	+29	-38	0.86	119	+03
2022	01	21	203000	21	50	56.3	+47	30	48	0.036	0.973	70.7	107.3	13.3	16.40	288.4	133	+27	-40	0.86	119	+05
2022	01	21	204500	21	50	33.3	+47	32	05	0.036	0.973	70.7	107.3	13.3	16.26	288.4	136	+26	-42	0.86	119	+08
2022	01	21	210000	21	50	10.6	+47	33	21	0.036	0.973	70.7	107.3	13.3	16.13	288.4	138	+24	-45	0.86	119	+10
2022	01	21	211500	21	49	48.0	+47	34	37	0.036	0.973	70.7	107.3	13.3	16.00	288.4	140	+22	-47	0.86	119	+12
2022	01	21	213000	21	49	25.6	+47	35	53	0.036	0.973	70.7	107.3	13.3	15.87	288.4	142	+21	-48	0.86	119	+14
2022	01	21	214500	21	49	03.3	+47	37	08	0.036	0.973	70.7	107.3	13.3	15.74	288.5	145	+19	-50	0.85	119	+16
2022	01	21	220000	21	48	41.3	+47	38	23	0.036	0.973	70.7	107.3	13.3	15.62	288.5	147	+18	-52	0.85	119	+19
2022	01	21	221500	21	48	19.4	+47	39	37	0.037	0.973	70.6	107.3	13.3	15.51	288.6	149	+17	-53	0.85	119	+21
2022	01	21	223000	21	47	57.6	+47	40	51	0.037	0.973	70.6	107.3	13.3	15.39	288.6	152	+16	-55	0.85	119	+23
2022	01	21	224500	21	47	36.0	+47	42	04	0.037	0.973	70.6	107.3	13.3	15.28	288.6	154	+15	-56	0.85	119	+25
2022	01	21	230000	21	47	14.6	+47	43	17	0.037	0.973	70.6	107.3	13.3	15.17	288.7	157	+14	-57	0.85	119	+27
2022	01	21	231500	21	46	53.3	+47	44	30	0.037	0.972	70.6	107.3	13.4	15.07	288.8	159	+13	-58	0.85	119	+29
2022	01	21	233000	21	46	32.2	+47	45	43	0.037	0.972	70.6	107.3	13.4	14.97	288.8	162	+12	-58	0.85	119	+31
2022	01	21	234500	21	46	11.1	+47	46	55	0.037	0.972	70.6	107.3	13.4	14.87	288.9	164	+11	-58	0.85	119	+33
2022	01	22	000000	21	45	50.3	+47	48	07	0.037	0.972	70.6	107.4	13.4	14.78	288.9	167	+11	-58	0.85	119	+35
2022	01	22	001500	21	45	29.5	+47	49	19	0.037	0.972	70.6	107.4	13.4	14.69	289.0	170	+10	-58	0.85	119	+37
2022	01	22	003000	21	45	08.9	+47	50	30	0.038	0.972	70.6	107.4	13.4	14.60	289.0	172	+10	-57	0.85	119	+38
2022	01	22	004500	21	44	48.4	+47	51	42	0.038	0.972	70.5	107.4	13.4	14.52	289.1	175	+10	-56	0.85	119	+40
2022	01	22	010000	21	44	28.0	+47	52	53	0.038	0.972	70.5	107.4	13.4	14.44	289.2	177	+10	-55	0.84	119	+41
2022	01	22	011500	21	44	07.7	+47	54	04	0.038	0.972	70.5	107.4	13.4	14.37	289.2	180	+10	-54	0.84	119	+43
2022	01	22	013000	21	43	47.5	+47	55	15	0.038	0.972	70.5	107.4	13.4	14.30	289.3	183	+10	-52	0.84	119	+44
2022	01	22	014500	21	43	27.4	+47	56	25	0.038	0.972	70.5	107.4	13.4	14.23	289.3	185	+10	-51	0.84	119	+45
2022	01	22	020000	21	43	07.4	+47	57	36	0.038	0.972	70.5	107.4	13.4	14.16	289.4	188	+10	-49	0.84	119	+46
2022	01	22	021500	21	42	47.5	+47	58	46	0.038	0.972	70.5	107.4	13.4	14.10	289.4	190	+10	-47	0.84	119	+46
2022	01	22	023000	21	42	27.7	+47	59	56	0.038	0.972	70.5	107.4	13.4	14.04	289.4	193	+11	-45	0.84	119	+47
2022	01	22	024500	21	42	07.9	+48	01	06	0.039	0.972	70.5	107.4	13.4	13.98	289.4	195	+12	-43	0.84	119	+47
2022	01	22	030000	21	41	48.3	+48	02	16	0.039	0.972	70.5	107.4	13.4	13.93	289.5	198	+12	-41	0.84	119	+47
2022	01	22	031500	21	41	28.7	+48	03	26	0.039	0.972	70.5	107.4	13.5	13.88	289.5	200	+13	-39	0.84	119	+47
2022	01	22	033000	21	41	09.1	+48	04	35	0.039	0.972	70.5	107.4	13.5	13.83	289.5	203	+14	-36	0.84	119	+46
2022	01	22	034500	21	40	49.7	+48	05	44	0.039	0.972	70.5	107.4	13.5	13.78	289.5	205	+15	-34	0.84	119	+46
2022	01	22	040000	21	40	30.2	+48	06	53	0.039	0.972	70.5	107.4	13.5	13.73	289.5	208	+16	-32	0.83	119	+45
2022	01	22	041500	21	40	10.9	+48	08	01	0.039	0.972	70.4	107.4	13.5	13.69	289.5	210	+17	-30	0.83	119	+44

2022	01	22	043000	21	39	51.6	+48	09	10	0.039	0.972	70.4	107.4	13.5	13.65	289.4	213	+18	-27	0.83	118	+43
2022	01	22	044500	21	39	32.3	+48	10	18	0.039	0.972	70.4	107.4	13.5	13.61	289.4	215	+20	-25	0.83	118	+41