

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy
9-12-22	0:15	24.8	24.9	24.8	88	22.7	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1012.1	0.00	0.0	0	0.00
9-12-22	0:30	24.9	24.9	24.8	89	23.0	0.0	---	0.00	0.0	---	24.9	27.1	27.1	---	1012.4	0.00	0.0	0	0.00
9-12-22	0:45	24.9	24.9	24.9	89	23.0	0.0	---	0.00	0.0	---	24.9	27.1	27.1	---	1012.8	0.00	0.0	3	0.06
9-12-22	1:00	24.8	25.0	24.8	89	22.9	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1013.1	0.00	0.0	12	0.26
9-12-22	1:15	24.8	24.8	24.8	90	23.1	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1013.5	0.00	0.0	30	0.65
9-12-22	1:30	24.8	24.8	24.8	90	23.1	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1013.7	0.00	0.0	41	0.88
9-12-22	1:45	25.0	25.0	24.8	90	23.2	0.0	---	0.00	0.0	---	25.0	27.2	27.2	---	1014.0	0.00	0.0	72	1.55
9-12-22	2:00	25.2	25.2	24.9	90	23.4	0.0	---	0.00	0.0	---	25.2	27.5	27.5	---	1014.2	0.00	0.0	118	2.54
9-12-22	2:15	25.3	25.3	25.2	89	23.4	0.0	---	0.00	0.0	---	25.3	27.8	27.8	---	1014.4	0.00	0.0	162	3.48
9-12-22	2:30	25.4	25.4	25.3	89	23.5	0.0	---	0.00	0.0	---	25.4	27.9	27.9	---	1014.5	0.00	0.0	195	4.19
9-12-22	2:45	25.8	25.8	25.4	88	23.7	0.0	---	0.00	0.0	---	25.8	28.6	28.6	---	1014.6	0.00	0.0	241	5.18
9-12-22	3:00	26.3	26.3	25.8	86	23.7	0.0	---	0.00	0.0	---	26.3	29.2	29.2	---	1014.7	0.00	0.0	255	5.48
9-12-22	3:15	26.4	26.4	26.2	85	23.7	0.0	---	0.00	0.0	---	26.4	29.3	29.3	---	1014.6	0.00	0.0	288	6.19
9-12-22	3:30	26.8	26.8	26.4	85	24.0	0.0	---	0.00	0.0	---	26.8	30.0	30.0	---	1014.6	0.00	0.0	313	6.73
9-12-22	3:45	27.2	27.2	26.8	81	23.6	0.0	---	0.00	0.0	---	27.2	30.3	30.3	---	1014.4	0.00	0.0	433	9.31
9-12-22	4:00	27.4	27.4	27.2	80	23.7	0.0	---	0.00	0.0	---	27.4	30.8	30.8	---	1014.3	0.00	0.0	480	10.32
9-12-22	4:15	27.8	27.8	27.4	79	23.8	0.0	---	0.00	0.0	---	27.8	31.4	31.4	---	1014.3	0.00	0.0	471	10.13
9-12-22	4:30	27.7	27.8	27.7	79	23.7	0.0	---	0.00	0.0	---	27.7	31.2	31.2	---	1014.2	0.00	0.0	511	10.99
9-12-22	4:45	27.6	27.8	27.6	80	23.8	0.0	---	0.00	0.0	---	27.6	31.1	31.1	---	1014.0	0.00	0.0	309	6.64
9-12-22	5:00	27.5	27.6	27.4	80	23.7	0.0	---	0.00	0.0	---	27.5	30.9	30.9	---	1013.8	0.00	0.0	279	6.00
9-12-22	5:15	27.8	27.8	27.5	79	23.9	0.0	---	0.00	0.0	---	27.8	31.6	31.6	---	1013.7	0.00	0.0	276	5.93
9-12-22	5:30	28.1	28.1	27.8	78	23.9	0.0	---	0.00	0.0	---	28.1	32.2	32.2	---	1013.4	0.00	0.0	366	7.87
9-12-22	5:45	28.2	28.2	28.1	76	23.5	0.0	---	0.00	0.0	---	28.2	32.0	32.0	---	1013.2	0.00	0.0	440	9.46
9-12-22	6:00	28.6	28.6	28.2	76	23.9	0.0	---	0.00	0.0	---	28.6	33.1	33.1	---	1012.8	0.00	0.0	546	11.74
9-12-22	6:15	28.8	28.8	28.6	75	23.9	0.0	---	0.00	0.0	---	28.8	33.4	33.4	---	1012.6	0.00	0.0	494	10.62
9-12-22	6:30	29.1	29.1	28.7	74	24.0	0.0	---	0.00	0.0	---	29.1	33.9	33.9	---	1012.3	0.00	0.0	572	12.30
9-12-22	6:45	29.2	29.3	29.1	73	23.8	0.0	---	0.00	0.0	---	29.2	33.8	33.8	---	1012.0	0.00	0.0	350	7.53
9-12-22	7:00	29.6	29.6	29.1	72	24.0	0.0	---	0.00	0.0	---	29.6	34.5	34.5	---	1011.7	0.00	0.0	518	11.14
9-12-22	7:15	30.0	30.0	29.6	71	24.2	0.0	---	0.00	0.0	---	30.0	35.3	35.3	---	1011.6	0.00	0.0	538	11.57
9-12-22	7:30	29.7	30.1	29.7	72	24.1	0.0	---	0.00	0.0	---	29.7	34.9	34.9	---	1011.2	0.00	0.0	447	9.61
9-12-22	7:45	30.5	30.6	29.7	70	24.4	0.0	---	0.00	0.0	---	30.5	36.3	36.3	---	1011.0	0.00	0.0	504	10.84
9-12-22	8:00	30.3	30.5	30.3	71	24.4	0.0	---	0.00	0.0	---	30.3	36.0	36.0	---	1010.8	0.00	0.0	428	9.20
9-12-22	8:15	30.4	30.4	30.2	70	24.3	0.0	---	0.00	0.0	---	30.4	36.0	36.0	---	1010.6	0.00	0.0	404	8.69
9-12-22	8:30	30.8	31.0	30.4	70	24.7	0.0	---	0.00	0.0	---	30.8	36.8	36.8	---	1010.4	0.00	0.0	406	8.73
9-12-22	8:45	30.4	30.8	30.3	71	24.5	0.0	---	0.00	0.0	---	30.4	36.2	36.2	---	1010.3	0.00	0.0	271	5.83
9-12-22	9:00	30.0	30.4	29.9	72	24.4	0.0	---	0.00	0.0	---	30.0	35.6	35.6	---	1010.1	0.00	0.0	251	5.40
9-12-22	9:15	30.4	30.6	30.0	71	24.6	0.0	---	0.00	0.0	---	30.4	36.4	36.4	---	1010.1	0.00	0.0	300	6.45
9-12-22	9:30	30.1	30.4	30.1	71	24.3	0.0	---	0.00	0.0	---	30.1	35.6	35.6	---	1010.1	0.00	0.0	231	4.97
9-12-22	9:45	30.0	30.1	29.9	72	24.4	0.0	---	0.00	0.0	---	30.0	35.6	35.6	---	1010.0	0.00	0.0	170	3.66
9-12-22	10:00	30.0	30.0	29.9	72	24.4	0.0	---	0.00	0.0	---	30.0	35.6	35.6	---	1010.0	0.00	0.0	158	3.40
9-12-22	10:15	30.1	30.1	29.9	71	24.2	0.0	---	0.00	0.0	---	30.1	35.5	35.5	---	1010.0	0.00	0.0	144	3.10
9-12-22	10:30	29.8	30.1	29.8	73	24.4	0.0	---	0.00	0.0	---	29.8	35.2	35.2	---	1010.1	0.00	0.0	106	2.28
9-12-22	10:45	29.7	29.8	29.6	72	24.1	0.0	---	0.00	0.0	---	29.7	34.7	34.7	---	1010.2	0.00	0.0	66	1.42
9-12-22	11:00	29.5	29.7	29.5	73	24.1	0.0	---	0.00	0.0	---	29.5	34.6	34.6	---	1010.2	0.00	0.0	43	0.92
9-12-22	11:15	29.3	29.5	29.3	73	23.9	0.0	---	0.00	0.0	---	29.3	34.1	34.1	---	1010.3	0.00	0.0	24	0.52
9-12-22	11:30	29.2	29.3	29.1	73	23.8	0.0	---	0.00	0.0	---	29.2	33.8	33.8	---	1010.4	0.00	0.0	9	0.19
9-12-22	11:45	28.9	29.1	28.9	74	23.8	0.0	---	0.00	0.0	---	28.9	33.6	33.6	---	1010.6	0.00	0.0	0	0.00
9-12-22	12:00	28.8	29.0	28.8	74	23.7	0.0	---	0.00	0.0	---	28.8	33.2	33.2	---	1010.8	0.00	0.0	0	0.00
9-12-22	12:15	28.7	28.8	28.7	75	23.8	0.0	---	0.00	0.0	---	28.7	33.3	33.3	---	1011.1	0.00	0.0	0	0.00
9-12-22	12:30	28.6	28.7	28.6	75	23.7	0.0	---	0.00	0.0	---	28.6	33.0	33.0	---	1011.3	0.00	0.0	0	0.00
9-12-22	12:45	28.4	28.6	28.4	75	23.5	0.0	---	0.00	0.0	---	28.4	32.4	32.4	---	1011.6	0.00	0.0	0	0.00
9-12-22	13:00	28.3	28.4	28.3	75	23.4	0.0	---	0.00	0.0	---	28.3	32.1	32.1	---	1011.9	0.00	0.0	0	0.00
9-12-22	13:15	28.1	28.3	28.1	75	23.2	0.0	---	0.00	0.0	---	28.1	31.6	31.6	---	1012.1	0.00	0.0	0	0.00

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy
9-12-22	13:30	28.0	28.1	27.9	76	23.4	0.0	---	0.00	0.0	---	28.0	31.6	31.6	---	1012.3	0.00	0.0	0	0.00
9-12-22	13:45	27.9	28.0	27.9	76	23.3	0.0	---	0.00	0.0	---	27.9	31.4	31.4	---	1012.5	0.00	0.0	0	0.00
9-12-22	14:00	27.6	27.9	27.6	80	23.8	0.0	---	0.00	0.0	---	27.6	31.1	31.1	---	1012.6	0.00	0.0	0	0.00
9-12-22	14:15	27.3	27.6	27.3	82	23.9	0.0	---	0.00	0.0	---	27.3	30.7	30.7	---	1012.8	0.00	0.0	0	0.00
9-12-22	14:30	27.0	27.3	27.0	82	23.7	0.0	---	0.00	0.0	---	27.0	30.1	30.1	---	1013.0	0.00	0.0	0	0.00
9-12-22	14:45	26.9	27.0	26.8	82	23.6	0.0	---	0.00	0.0	---	26.9	29.9	29.9	---	1013.1	0.00	0.0	0	0.00
9-12-22	15:00	26.8	26.9	26.8	83	23.7	0.0	---	0.00	0.0	---	26.8	29.9	29.9	---	1013.3	0.00	0.0	0	0.00
9-12-22	15:15	26.7	26.8	26.7	83	23.5	0.0	---	0.00	0.0	---	26.7	29.6	29.6	---	1013.4	0.00	0.0	0	0.00
9-12-22	15:30	26.6	26.7	26.6	83	23.4	0.0	---	0.00	0.0	---	26.6	29.3	29.3	---	1013.5	0.00	0.0	0	0.00
9-12-22	15:45	26.4	26.6	26.4	84	23.5	0.0	---	0.00	0.0	---	26.4	29.2	29.2	---	1013.7	0.00	0.0	0	0.00
9-12-22	16:00	26.3	26.4	26.3	85	23.6	0.0	---	0.00	0.0	---	26.3	29.2	29.2	---	1013.5	0.00	0.0	0	0.00
9-12-22	16:15	26.3	26.4	26.3	85	23.6	0.0	---	0.00	0.0	---	26.3	29.2	29.2	---	1013.5	0.00	0.0	0	0.00
9-12-22	16:30	26.3	26.4	26.3	85	23.6	0.0	---	0.00	0.0	---	26.3	29.1	29.1	---	1013.3	0.00	0.0	0	0.00
9-12-22	16:45	26.3	26.3	26.2	86	23.7	0.0	---	0.00	0.0	---	26.3	29.2	29.2	---	1013.2	0.00	0.0	0	0.00
9-12-22	17:00	26.3	26.3	26.2	86	23.7	0.0	---	0.00	0.0	---	26.3	29.2	29.2	---	1012.9	0.00	0.0	0	0.00
9-12-22	17:15	26.3	26.3	26.2	86	23.8	0.0	---	0.00	0.0	---	26.3	29.3	29.3	---	1012.8	0.00	0.0	0	0.00
9-12-22	17:30	26.2	26.3	26.2	86	23.6	0.0	---	0.00	0.0	---	26.2	28.9	28.9	---	1012.7	0.00	0.0	0	0.00
9-12-22	17:45	26.1	26.2	26.1	86	23.6	0.0	---	0.00	0.0	---	26.1	28.8	28.8	---	1012.6	0.00	0.0	0	0.00
9-12-22	18:00	25.9	26.1	25.9	87	23.6	0.0	---	0.00	0.0	---	25.9	28.7	28.7	---	1012.5	0.00	0.0	0	0.00
9-12-22	18:15	25.8	25.9	25.8	87	23.5	0.0	---	0.00	0.0	---	25.8	28.4	28.4	---	1012.5	0.00	0.0	0	0.00
9-12-22	18:30	25.8	25.8	25.7	87	23.4	0.0	---	0.00	0.0	---	25.8	28.4	28.4	---	1012.4	0.00	0.0	0	0.00
9-12-22	18:45	25.7	25.8	25.7	88	23.5	0.0	---	0.00	0.0	---	25.7	28.3	28.3	---	1012.3	0.00	0.0	0	0.00
9-12-22	19:00	25.7	25.7	25.6	88	23.5	0.0	---	0.00	0.0	---	25.7	28.3	28.3	---	1012.1	0.00	0.0	0	0.00
9-12-22	19:15	25.6	25.7	25.6	88	23.4	0.0	---	0.00	0.0	---	25.6	28.1	28.1	---	1011.9	0.00	0.0	0	0.00
9-12-22	19:30	25.5	25.6	25.4	88	23.4	0.0	---	0.00	0.0	---	25.5	28.0	28.0	---	1011.6	0.00	0.0	0	0.00
9-12-22	19:45	25.4	25.5	25.4	88	23.3	0.0	---	0.00	0.0	---	25.4	27.9	27.9	---	1011.7	0.00	0.0	0	0.00
9-12-22	20:00	25.3	25.4	25.2	89	23.3	0.0	---	0.00	0.0	---	25.3	27.7	27.7	---	1011.4	0.00	0.0	0	0.00
9-12-22	20:15	25.1	25.3	25.1	89	23.2	0.0	---	0.00	0.0	---	25.1	27.4	27.4	---	1011.3	0.00	0.0	0	0.00
9-12-22	20:30	25.1	25.2	25.1	89	23.2	0.0	---	0.00	0.0	---	25.1	27.4	27.4	---	1011.2	0.00	0.0	0	0.00
9-12-22	20:45	24.9	25.1	24.9	90	23.2	0.0	---	0.00	0.0	---	24.9	27.2	27.2	---	1011.0	0.00	0.0	0	0.00
9-12-22	21:00	24.8	24.9	24.8	90	23.1	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1011.0	0.00	0.0	0	0.00
9-12-22	21:15	24.8	24.8	24.8	90	23.0	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1011.0	0.00	0.0	0	0.00
9-12-22	21:30	24.7	24.8	24.7	90	22.9	0.0	---	0.00	0.0	---	24.7	26.7	26.7	---	1010.9	0.00	0.0	0	0.00
9-12-22	21:45	24.7	24.7	24.7	90	22.9	0.0	---	0.00	0.0	---	24.7	26.7	26.7	---	1010.9	0.00	0.0	0	0.00
9-12-22	22:00	24.7	24.7	24.7	90	22.9	0.0	---	0.00	0.0	---	24.7	26.7	26.7	---	1010.9	0.00	0.0	0	0.00
9-12-22	22:15	24.6	24.7	24.6	90	22.9	0.0	---	0.00	0.0	---	24.6	26.7	26.7	---	1010.9	0.00	0.0	0	0.00
9-12-22	22:30	24.6	24.6	24.6	90	22.8	0.0	---	0.00	0.0	---	24.6	26.6	26.6	---	1011.0	0.00	0.0	0	0.00
9-12-22	22:45	24.5	24.6	24.4	90	22.8	0.0	---	0.00	0.0	---	24.5	26.4	26.4	---	1011.1	0.00	0.0	0	0.00
9-12-22	23:00	24.5	24.5	24.4	90	22.8	0.0	---	0.00	0.0	---	24.5	26.4	26.4	---	1011.3	0.00	0.0	0	0.00
9-12-22	23:15	24.5	24.5	24.4	90	22.8	0.0	---	0.00	0.0	---	24.5	26.4	26.4	---	1011.4	0.00	0.0	0	0.00
9-12-22	23:30	24.4	24.5	24.4	90	22.7	0.0	---	0.00	0.0	---	24.4	26.4	26.4	---	1011.6	0.00	0.0	0	0.00
9-12-22	23:45	24.4	24.5	24.4	90	22.7	0.0	---	0.00	0.0	---	24.4	26.4	26.4	---	1011.8	0.00	0.0	0	0.00
10-12-22	00:00	24.4	24.4	24.3	90	22.6	0.0	---	0.00	0.0	---	24.4	26.3	26.3	---	1012.1	0.00	0.0	0	0.00

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Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy
10-12-22	0:15	24.3	24.4	24.3	90	22.6	0.0	---	0.00	0.0	---	24.3	26.3	26.3	---	1012.3	0.00	0.0	0	0.00
10-12-22	0:30	24.3	24.3	24.2	90	22.5	0.0	---	0.00	0.0	---	24.3	26.2	26.2	---	1012.4	0.00	0.0	1	0.02
10-12-22	0:45	24.2	24.3	24.2	91	22.7	0.0	---	0.00	0.0	---	24.2	26.2	26.2	---	1012.7	0.00	0.0	18	0.39
10-12-22	1:00	24.2	24.3	24.2	91	22.7	0.0	---	0.00	0.0	---	24.2	26.2	26.2	---	1012.9	0.00	0.0	42	0.90
10-12-22	1:15	24.3	24.3	24.2	91	22.8	0.0	---	0.00	0.0	---	24.3	26.3	26.3	---	1013.1	0.00	0.0	65	1.40
10-12-22	1:30	24.4	24.4	24.3	90	22.7	0.0	---	0.00	0.0	---	24.4	26.4	26.4	---	1013.3	0.00	0.0	81	1.74
10-12-22	1:45	24.6	24.6	24.4	90	22.8	0.0	---	0.00	0.0	---	24.6	26.6	26.6	---	1013.5	0.00	0.0	102	2.19
10-12-22	2:00	24.7	24.7	24.6	90	22.9	0.0	---	0.00	0.0	---	24.7	26.7	26.7	---	1013.7	0.00	0.0	110	2.37
10-12-22	2:15	24.8	24.8	24.7	90	23.0	0.0	---	0.00	0.0	---	24.8	26.9	26.9	---	1013.9	0.00	0.0	129	2.77
10-12-22	2:30	24.9	25.0	24.8	90	23.2	0.0	---	0.00	0.0	---	24.9	27.2	27.2	---	1014.1	0.00	0.0	149	3.20
10-12-22	2:45	25.2	25.2	24.9	89	23.3	0.0	---	0.00	0.0	---	25.2	27.6	27.6	---	1014.1	0.00	0.0	227	4.88
10-12-22	3:00	25.4	25.4	25.2	87	23.1	0.0	---	0.00	0.0	---	25.4	27.8	27.8	---	1014.3	0.00	0.0	218	4.69
10-12-22	3:15	25.6	25.6	25.4	87	23.3	0.0	---	0.00	0.0	---	25.6	28.1	28.1	---	1014.4	0.00	0.0	225	4.84
10-12-22	3:30	25.9	25.9	25.6	84	23.0	0.0	---	0.00	0.0	---	25.9	28.4	28.4	---	1014.4	0.00	0.0	312	6.71
10-12-22	3:45	26.2	26.2	25.9	84	23.3	0.0	---	0.00	0.0	---	26.2	28.8	28.8	---	1014.3	0.00	0.0	400	8.60
10-12-22	4:00	26.3	26.4	26.2	82	23.0	0.0	---	0.00	0.0	---	26.3	28.8	28.8	---	1014.3	0.00	0.0	384	8.26
10-12-22	4:15	26.7	26.7	26.3	81	23.1	0.0	---	0.00	0.0	---	26.7	29.3	29.3	---	1014.2	0.00	0.0	436	9.38
10-12-22	4:30	26.7	26.8	26.7	80	23.0	0.0	---	0.00	0.0	---	26.7	29.3	29.3	---	1014.1	0.00	0.0	270	5.81
10-12-22	4:45	26.9	26.9	26.7	80	23.1	0.0	---	0.00	0.0	---	26.9	29.6	29.6	---	1013.8	0.00	0.0	297	6.39
10-12-22	5:00	27.4	27.4	26.9	78	23.3	0.0	---	0.00	0.0	---	27.4	30.6	30.6	---	1013.8	0.00	0.0	535	11.50
10-12-22	5:15	27.6	27.7	27.4	76	23.0	0.0	---	0.00	0.0	---	27.6	30.6	30.6	---	1013.4	0.00	0.0	528	11.35
10-12-22	5:30	27.6	27.7	27.4	75	22.7	0.0	---	0.00	0.0	---	27.6	30.4	30.4	---	1013.2	0.00	0.0	499	10.73
10-12-22	5:45	27.8	28.1	27.6	75	23.0	0.0	---	0.00	0.0	---	27.8	31.0	31.0	---	1013.0	0.00	0.0	557	11.98
10-12-22	6:00	27.9	27.9	27.7	75	23.0	0.0	---	0.00	0.0	---	27.9	31.1	31.1	---	1012.7	0.00	0.0	448	9.63
10-12-22	6:15	27.8	27.9	27.7	74	22.7	0.0	---	0.00	0.0	---	27.8	30.7	30.7	---	1012.4	0.00	0.0	277	5.96
10-12-22	6:30	28.0	28.2	27.8	74	22.9	0.0	---	0.00	0.0	---	28.0	31.3	31.3	---	1012.0	0.00	0.0	397	8.54
10-12-22	6:45	28.2	28.3	27.9	72	22.7	0.0	---	0.00	0.0	---	28.2	31.4	31.4	---	1011.8	0.00	0.0	556	11.96
10-12-22	7:00	28.7	28.8	28.3	71	22.9	0.0	---	0.00	0.0	---	28.7	32.4	32.4	---	1011.5	0.00	0.0	445	9.57
10-12-22	7:15	28.5	28.6	28.4	70	22.5	0.0	---	0.00	0.0	---	28.5	31.8	31.8	---	1011.2	0.00	0.0	506	10.88
10-12-22	7:30	28.6	28.6	28.3	69	22.4	0.0	---	0.00	0.0	---	28.6	31.8	31.8	---	1011.0	0.00	0.0	521	11.20
10-12-22	7:45	28.8	28.8	28.6	69	22.5	0.0	---	0.00	0.0	---	28.8	32.3	32.3	---	1010.7	0.00	0.0	514	11.05
10-12-22	8:00	28.8	28.8	28.7	68	22.3	0.0	---	0.00	0.0	---	28.8	32.1	32.1	---	1010.5	0.00	0.0	441	9.48
10-12-22	8:15	28.6	29.1	28.6	69	22.4	0.0	---	0.00	0.0	---	28.6	31.8	31.8	---	1010.2	0.00	0.0	322	6.92
10-12-22	8:30	28.7	28.7	28.6	69	22.4	0.0	---	0.00	0.0	---	28.7	32.0	32.0	---	1010.1	0.00	0.0	323	6.95
10-12-22	8:45	29.0	29.1	28.7	68	22.5	0.0	---	0.00	0.0	---	29.0	32.6	32.6	---	1009.9	0.00	0.0	317	6.82
10-12-22	9:00	28.7	28.9	28.7	68	22.2	0.0	---	0.00	0.0	---	28.7	31.9	31.9	---	1009.7	0.00	0.0	275	5.91
10-12-22	9:15	28.9	29.0	28.7	68	22.4	0.0	---	0.00	0.0	---	28.9	32.4	32.4	---	1009.6	0.00	0.0	322	6.92
10-12-22	9:30	28.8	28.9	28.7	69	22.5	0.0	---	0.00	0.0	---	28.8	32.3	32.3	---	1009.6	0.00	0.0	191	4.11
10-12-22	9:45	28.7	28.8	28.7	70	22.7	0.0	---	0.00	0.0	---	28.7	32.3	32.3	---	1009.7	0.00	0.0	185	3.98
10-12-22	10:00	28.6	28.7	28.6	69	22.3	0.0	---	0.00	0.0	---	28.6	31.7	31.7	---	1009.7	0.00	0.0	142	3.05
10-12-22	10:15	28.4	28.6	28.4	69	22.2	0.0	---	0.00	0.0	---	28.4	31.3	31.3	---	1009.7	0.00	0.0	142	3.05
10-12-22	10:30	28.3	28.4	28.3	70	22.3	0.0	---	0.00	0.0	---	28.3	31.2	31.2	---	1009.9	0.00	0.0	108	2.32
10-12-22	10:45	28.2	28.3	28.2	69	22.0	0.0	---	0.00	0.0	---	28.2	30.9	30.9	---	1010.0	0.00	0.0	82	1.76
10-12-22	11:00	28.2	28.3	28.1	70	22.2	0.0	---	0.00	0.0	---	28.2	31.0	31.0	---	1010.2	0.00	0.0	53	1.14
10-12-22	11:15	28.0	28.2	28.0	69	21.8	0.0	---	0.00	0.0	---	28.0	30.5	30.5	---	1010.2	0.00	0.0	31	0.67
10-12-22	11:30	27.9	28.1	27.8	70	21.9	0.0	---	0.00	0.0	---	27.9	30.4	30.4	---	1010.4	0.00	0.0	14	0.30
10-12-22	11:45	27.7	27.9	27.6	70	21.7	0.0	---	0.00	0.0	---	27.7	29.9	29.9	---	1010.6	0.00	0.0	2	0.04
10-12-22	12:00	27.4	27.7	27.4	71	21.7	0.0	---	0.00	0.0	---	27.4	29.7	29.7	---	1010.7	0.00	0.0	0	0.00
10-12-22	12:15	27.0	27.4	27.0	76	22.4	0.0	---	0.00	0.0	---	27.0	29.4	29.4	---	1010.9	0.00	0.0	0	0.00
10-12-22	12:30	26.4	27.0	26.4	79	22.5	0.0	---	0.00	0.0	---	26.4	28.7	28.7	---	1011.1	0.00	0.0	0	0.00
10-12-22	12:45	26.2	26.4	26.2	80	22.5	0.0	---	0.00	0.0	---	26.2	28.4	28.4	---	1011.3	0.00	0.0	0	0.00
10-12-22	13:00	26.1	26.2	26.1	81	22.5	0.0	---	0.00	0.0	---	26.1	28.2	28.2	---	1011.6	0.00	0.0	0	0.00
10-12-22	13:15	25.9	26.1	25.9	81	22.4	0.0	---	0.00	0.0	---	25.9	28.1	28.1	---	1011.8	0.00	0.0	0	0.00

SPAV 10-12-22

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy
10-12-22	13:30	25.7	25.9	25.7	82	22.4	0.0	---	0.00	0.0	---	25.7	27.8	27.8	---	1012.1	0.00	0.0	0	0.00
10-12-22	13:45	25.6	25.8	25.6	82	22.3	0.0	---	0.00	0.0	---	25.6	27.7	27.7	---	1012.3	0.00	0.0	0	0.00
10-12-22	14:00	25.6	25.6	25.6	82	22.3	0.0	---	0.00	0.0	---	25.6	27.6	27.6	---	1012.4	0.00	0.0	0	0.00
10-12-22	14:15	25.5	25.6	25.4	82	22.2	0.0	---	0.00	0.0	---	25.5	27.5	27.5	---	1012.6	0.00	0.0	0	0.00
10-12-22	14:30	25.4	25.5	25.4	82	22.1	0.0	---	0.00	0.0	---	25.4	27.3	27.3	---	1012.8	0.00	0.0	0	0.00
10-12-22	14:45	25.3	25.4	25.3	82	22.0	0.0	---	0.00	0.0	---	25.3	27.3	27.3	---	1012.9	0.00	0.0	0	0.00
10-12-22	15:00	25.3	25.4	25.3	82	22.0	0.0	---	0.00	0.0	---	25.3	27.3	27.3	---	1013.1	0.00	0.0	0	0.00
10-12-22	15:15	25.2	25.3	25.2	82	21.9	0.0	---	0.00	0.0	---	25.2	27.1	27.1	---	1013.2	0.00	0.0	0	0.00
10-12-22	15:30	25.2	25.2	25.1	82	21.9	0.0	---	0.00	0.0	---	25.2	27.1	27.1	---	1013.2	0.00	0.0	0	0.00
10-12-22	15:45	24.9	25.1	24.9	83	21.8	0.0	---	0.00	0.0	---	24.9	26.7	26.7	---	1013.3	0.00	0.0	0	0.00
10-12-22	16:00	24.5	24.9	24.5	84	21.6	0.0	---	0.00	0.0	---	24.5	26.3	26.3	---	1013.3	0.00	0.0	0	0.00
10-12-22	16:15	24.4	24.6	24.3	84	21.5	0.0	---	0.00	0.0	---	24.4	26.1	26.1	---	1013.2	0.00	0.0	0	0.00
10-12-22	16:30	24.3	24.4	24.2	85	21.6	0.0	---	0.00	0.0	---	24.3	26.0	26.0	---	1013.2	0.00	0.0	0	0.00
10-12-22	16:45	24.2	24.3	24.2	85	21.5	0.0	---	0.00	0.0	---	24.2	25.9	25.9	---	1012.9	0.00	0.0	0	0.00
10-12-22	17:00	24.2	24.3	24.2	85	21.5	0.0	---	0.00	0.0	---	24.2	25.9	25.9	---	1013.0	0.00	0.0	0	0.00
10-12-22	17:15	24.1	24.2	24.0	86	21.6	0.0	---	0.00	0.0	---	24.1	25.8	25.8	---	1012.8	0.00	0.0	0	0.00
10-12-22	17:30	23.9	24.1	23.9	86	21.5	0.0	---	0.00	0.0	---	23.9	25.7	25.7	---	1012.7	0.00	0.0	0	0.00
10-12-22	17:45	23.9	24.0	23.9	86	21.5	0.0	---	0.00	0.0	---	23.9	25.7	25.7	---	1012.6	0.00	0.0	0	0.00
10-12-22	18:00	23.8	23.9	23.8	85	21.1	0.0	---	0.00	0.0	---	23.8	25.3	25.3	---	1012.7	0.00	0.0	0	0.00
10-12-22	18:15	23.6	23.8	23.6	85	20.9	0.0	---	0.00	0.0	---	23.6	25.1	25.1	---	1012.4	0.00	0.0	0	0.00
10-12-22	18:30	23.4	23.6	23.4	85	20.8	0.0	---	0.00	0.0	---	23.4	24.8	24.8	---	1012.3	0.00	0.0	0	0.00
10-12-22	18:45	23.3	23.4	23.3	85	20.7	0.0	---	0.00	0.0	---	23.3	24.6	24.6	---	1012.1	0.00	0.0	0	0.00
10-12-22	19:00	23.2	23.3	23.2	85	20.5	0.0	---	0.00	0.0	---	23.2	24.4	24.4	---	1012.0	0.00	0.0	0	0.00
10-12-22	19:15	23.1	23.2	23.0	86	20.6	0.0	---	0.00	0.0	---	23.1	24.3	24.3	---	1011.8	0.00	0.0	0	0.00
10-12-22	19:30	23.0	23.1	22.9	86	20.5	0.0	---	0.00	0.0	---	23.0	24.2	24.2	---	1011.7	0.00	0.0	0	0.00
10-12-22	19:45	22.9	23.0	22.9	86	20.5	0.0	---	0.00	0.0	---	22.9	24.2	24.2	---	1011.4	0.00	0.0	0	0.00
10-12-22	20:00	22.9	22.9	22.9	86	20.5	0.0	---	0.00	0.0	---	22.9	24.2	24.2	---	1011.3	0.00	0.0	0	0.00
10-12-22	20:15	22.8	22.9	22.8	86	20.4	0.0	---	0.00	0.0	---	22.8	24.1	24.1	---	1011.0	0.00	0.0	0	0.00
10-12-22	20:30	22.8	22.8	22.8	86	20.3	0.0	---	0.00	0.0	---	22.8	24.0	24.0	---	1010.9	0.00	0.0	0	0.00
10-12-22	20:45	22.7	22.8	22.7	86	20.3	0.0	---	0.00	0.0	---	22.7	23.9	23.9	---	1011.0	0.00	0.0	0	0.00
10-12-22	21:00	22.7	22.8	22.7	86	20.3	0.0	---	0.00	0.0	---	22.7	23.9	23.9	---	1010.9	0.00	0.0	0	0.00
10-12-22	21:15	22.7	22.7	22.6	86	20.2	0.0	---	0.00	0.0	---	22.7	23.8	23.8	---	1010.9	0.00	0.0	0	0.00
10-12-22	21:30	22.6	22.7	22.6	86	20.1	0.0	---	0.00	0.0	---	22.6	23.8	23.8	---	1010.7	0.00	0.0	0	0.00
10-12-22	21:45	22.6	22.6	22.6	86	20.1	0.0	---	0.00	0.0	---	22.6	23.7	23.7	---	1010.8	0.00	0.0	0	0.00
10-12-22	22:00	22.6	22.6	22.5	86	20.1	0.0	---	0.00	0.0	---	22.6	23.7	23.7	---	1010.8	0.00	0.0	0	0.00
10-12-22	22:15	22.6	22.6	22.5	86	20.1	0.0	---	0.00	0.0	---	22.6	23.7	23.7	---	1010.8	0.00	0.0	0	0.00
10-12-22	22:30	22.6	22.7	22.6	86	20.1	0.0	---	0.00	0.0	---	22.6	23.8	23.8	---	1011.0	0.00	0.0	0	0.00
10-12-22	22:45	22.6	22.7	22.6	85	20.0	0.0	---	0.00	0.0	---	22.6	23.7	23.7	---	1011.0	0.00	0.0	0	0.00
10-12-22	23:00	22.4	22.6	22.4	86	20.0	0.0	---	0.00	0.0	---	22.4	23.6	23.6	---	1011.0	0.00	0.0	0	0.00
10-12-22	23:15	22.3	22.5	22.3	86	19.9	0.0	---	0.00	0.0	---	22.3	23.4	23.4	---	1011.2	0.00	0.0	0	0.00
10-12-22	23:30	22.3	22.4	22.3	85	19.7	0.0	---	0.00	0.0	---	22.3	23.4	23.4	---	1011.3	0.00	0.0	0	0.00
10-12-22	23:45	22.2	22.3	22.2	86	19.7	0.0	---	0.00	0.0	---	22.2	23.2	23.2	---	1011.4	0.00	0.0	0	0.00
11-12-22	00:00	22.1	22.2	22.1	86	19.6	0.0	---	0.00	0.0	---	22.1	23.1	23.1	---	1011.6	0.00	0.0	0	0.00

Date	Time	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
9-12-22	0:15	0	0.0	0.00	0.0	0.000	0.068	26.1	80	22.4	28.2	15.97	1.1473	0.00	0	4	0.0	15
9-12-22	0:30	0	0.0	0.00	0.0	0.000	0.069	26.0	80	22.3	28.1	15.97	1.1483	0.00	0	4	0.0	15
9-12-22	0:45	5	0.0	0.00	0.0	0.000	0.069	26.0	80	22.3	28.1	15.97	1.1487	0.00	0	4	0.0	15
9-12-22	1:00	18	0.0	0.00	0.0	0.000	0.068	26.0	80	22.3	28.1	15.97	1.1491	0.00	0	4	0.0	15
9-12-22	1:15	39	0.0	0.00	0.0	0.000	0.068	26.0	80	22.3	28.1	15.97	1.1496	0.00	0	4	0.0	15
9-12-22	1:30	44	0.0	0.00	0.0	0.000	0.068	26.1	80	22.3	28.2	15.97	1.1495	0.00	0	4	0.0	15
9-12-22	1:45	95	0.0	0.00	0.0	0.000	0.069	26.1	80	22.4	28.2	15.97	1.1495	0.00	0	4	0.0	15
9-12-22	2:00	141	0.2	0.02	0.5	0.000	0.071	26.2	80	22.4	28.3	15.97	1.1494	0.00	0	4	0.0	15
9-12-22	2:15	181	0.6	0.06	0.7	0.000	0.073	26.3	80	22.6	28.5	15.96	1.1491	0.00	0	4	0.0	15
9-12-22	2:30	220	0.8	0.09	0.9	0.000	0.074	26.4	80	22.7	28.7	15.96	1.1485	0.00	0	4	0.0	15
9-12-22	2:45	283	1.0	0.11	1.1	0.000	0.078	26.3	80	22.6	28.6	15.96	1.1490	0.00	0	4	0.0	15
9-12-22	3:00	302	1.2	0.13	1.2	0.000	0.083	26.4	80	22.7	28.8	15.96	1.1484	0.00	0	4	0.0	15
9-12-22	3:15	364	1.3	0.14	1.5	0.000	0.084	26.6	80	22.8	29.0	15.95	1.1477	0.00	0	4	0.0	15
9-12-22	3:30	441	1.5	0.16	1.8	0.000	0.088	26.7	80	22.9	29.2	15.95	1.1470	0.00	0	4	0.0	15
9-12-22	3:45	503	1.8	0.19	2.0	0.000	0.092	26.8	80	23.1	29.5	15.94	1.1458	0.00	0	4	0.0	15
9-12-22	4:00	540	2.2	0.24	2.6	0.000	0.095	26.9	80	23.2	29.7	15.93	1.1451	0.00	0	4	0.0	15
9-12-22	4:15	527	2.5	0.27	2.6	0.000	0.098	27.1	80	23.4	30.1	15.92	1.1441	0.00	0	4	0.0	15
9-12-22	4:30	536	2.5	0.27	2.6	0.000	0.097	27.3	80	23.5	30.4	15.91	1.1430	0.00	0	4	0.0	15
9-12-22	4:45	497	2.0	0.21	2.5	0.000	0.096	27.2	80	23.5	30.3	15.91	1.1431	0.00	0	4	0.0	15
9-12-22	5:00	410	2.0	0.21	2.3	0.000	0.095	27.1	80	23.4	30.1	15.92	1.1436	0.00	0	4	0.0	15
9-12-22	5:15	396	2.2	0.24	2.5	0.000	0.099	27.1	80	23.3	29.9	15.92	1.1437	0.00	0	4	0.0	15
9-12-22	5:30	471	2.5	0.27	2.8	0.000	0.102	27.1	80	23.4	30.1	15.92	1.1432	0.00	0	4	0.0	15
9-12-22	5:45	515	3.0	0.32	3.1	0.000	0.102	27.3	80	23.5	30.4	15.91	1.1419	0.00	0	4	0.0	15
9-12-22	6:00	601	3.4	0.36	3.6	0.000	0.106	27.5	80	23.7	30.9	15.89	1.1402	0.00	0	4	0.0	15
9-12-22	6:15	606	3.2	0.34	3.6	0.000	0.109	27.7	79	23.7	31.2	15.51	1.1394	0.00	0	4	0.0	15
9-12-22	6:30	689	3.3	0.35	3.7	0.000	0.112	27.8	79	23.9	31.6	15.51	1.1381	0.00	0	4	0.0	15
9-12-22	6:45	605	2.7	0.29	3.2	0.000	0.113	27.8	79	23.9	31.6	15.51	1.1377	0.00	0	4	0.0	15
9-12-22	7:00	608	3.1	0.33	3.4	0.000	0.117	27.9	79	23.9	31.8	15.51	1.1371	0.00	0	4	0.0	15
9-12-22	7:15	587	2.9	0.31	3.2	0.000	0.122	27.9	78	23.7	31.8	15.20	1.1371	0.00	0	4	0.0	15
9-12-22	7:30	592	2.8	0.30	3.0	0.000	0.119	27.4	78	23.3	30.6	15.22	1.1395	0.00	0	4	0.0	15
9-12-22	7:45	580	2.7	0.29	3.0	0.000	0.127	27.2	77	22.8	29.8	14.93	1.1413	0.00	0	4	0.0	15
9-12-22	8:00	499	2.3	0.25	2.5	0.000	0.124	26.9	77	22.5	29.3	14.94	1.1427	0.00	0	4	0.0	15
9-12-22	8:15	443	2.2	0.24	2.2	0.000	0.126	26.7	76	22.1	28.8	14.65	1.1440	0.00	0	4	0.0	15
9-12-22	8:30	431	1.9	0.20	2.1	0.000	0.130	26.6	76	22.0	28.7	14.65	1.1442	0.00	0	4	0.0	15
9-12-22	8:45	367	1.3	0.14	1.6	0.000	0.126	26.4	76	21.8	28.3	14.65	1.1452	0.00	0	4	0.0	15
9-12-22	9:00	274	1.2	0.13	1.3	0.000	0.122	26.1	76	21.5	27.9	14.65	1.1466	0.00	0	4	0.0	15
9-12-22	9:15	325	1.1	0.12	1.2	0.000	0.126	26.0	76	21.4	27.7	14.65	1.1472	0.00	0	4	0.0	15
9-12-22	9:30	255	0.9	0.10	1.0	0.000	0.123	26.0	76	21.4	27.7	14.65	1.1471	0.00	0	4	0.0	15
9-12-22	9:45	186	0.8	0.09	0.8	0.000	0.122	25.9	76	21.3	27.6	14.65	1.1477	0.00	0	4	0.0	15
9-12-22	10:00	171	0.7	0.07	0.7	0.000	0.122	25.7	76	21.2	27.3	14.65	1.1486	0.00	0	4	0.0	15
9-12-22	10:15	160	0.4	0.04	0.6	0.000	0.122	25.7	76	21.2	27.3	14.65	1.1486	0.00	0	4	0.0	15
9-12-22	10:30	123	0.0	0.00	0.0	0.000	0.119	25.4	76	20.9	26.9	14.65	1.1502	0.00	0	4	0.0	15
9-12-22	10:45	88	0.0	0.00	0.0	0.000	0.118	25.5	76	21.0	27.0	14.65	1.1501	0.00	0	4	0.0	15
9-12-22	11:00	51	0.0	0.00	0.0	0.000	0.116	25.6	76	21.1	27.2	14.65	1.1494	0.00	0	4	0.0	15
9-12-22	11:15	32	0.0	0.00	0.0	0.000	0.114	25.6	77	21.3	27.3	14.95	1.1492	0.00	0	4	0.0	15
9-12-22	11:30	16	0.0	0.00	0.0	0.000	0.113	25.7	77	21.4	27.4	14.95	1.1487	0.00	0	4	0.0	15
9-12-22	11:45	0	0.0	0.00	0.0	0.000	0.111	25.8	77	21.4	27.5	14.95	1.1487	0.00	0	4	0.0	15
9-12-22	12:00	0	0.0	0.00	0.0	0.000	0.109	25.8	77	21.5	27.6	14.95	1.1485	0.00	0	4	0.0	15
9-12-22	12:15	0	0.0	0.00	0.0	0.000	0.108	25.9	77	21.5	27.7	14.95	1.1486	0.00	0	4	0.0	15
9-12-22	12:30	0	0.0	0.00	0.0	0.000	0.107	25.9	77	21.6	27.7	14.95	1.1486	0.00	0	4	0.0	15
9-12-22	12:45	0	0.0	0.00	0.0	0.000	0.105	26.0	77	21.7	27.8	14.95	1.1486	0.00	0	4	0.0	15
9-12-22	13:00	0	0.0	0.00	0.0	0.000	0.104	26.1	77	21.8	27.9	14.95	1.1483	0.00	0	4	0.0	15
9-12-22	13:15	0	0.0	0.00	0.0	0.000	0.101	26.1	78	21.9	27.9	15.25	1.1485	0.00	0	4	0.0	15

Date	Time	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	ET	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
9-12-22	13:30	0	0.0	0.00	0.0	0.000	0.101	26.1	78	21.9	27.9	15.25	1.1487	0.00	0	4	0.0	15
9-12-22	13:45	0	0.0	0.00	0.0	0.000	0.100	26.1	78	21.9	27.9	15.25	1.1489	0.00	0	4	0.0	15
9-12-22	14:00	0	0.0	0.00	0.0	0.000	0.096	26.1	78	22.0	28.1	15.25	1.1487	0.00	0	4	0.0	15
9-12-22	14:15	0	0.0	0.00	0.0	0.000	0.093	26.2	78	22.1	28.2	15.25	1.1483	0.00	0	4	0.0	15
9-12-22	14:30	0	0.0	0.00	0.0	0.000	0.090	26.2	78	22.1	28.2	15.25	1.1485	0.00	0	4	0.0	15
9-12-22	14:45	0	0.0	0.00	0.0	0.000	0.089	26.3	78	22.1	28.3	15.25	1.1484	0.00	0	4	0.0	15
9-12-22	15:00	0	0.0	0.00	0.0	0.000	0.089	26.3	78	22.2	28.4	15.25	1.1482	0.00	0	4	0.0	15
9-12-22	15:15	0	0.0	0.00	0.0	0.000	0.087	26.4	78	22.2	28.5	15.25	1.1481	0.00	0	4	0.0	15
9-12-22	15:30	0	0.0	0.00	0.0	0.000	0.086	26.2	79	22.3	28.3	15.57	1.1487	0.00	0	4	0.0	15
9-12-22	15:45	0	0.0	0.00	0.0	0.000	0.084	26.3	79	22.3	28.4	15.56	1.1486	0.00	0	4	0.0	15
9-12-22	16:00	0	0.0	0.00	0.0	0.000	0.083	26.3	79	22.3	28.4	15.56	1.1485	0.00	0	4	0.0	15
9-12-22	16:15	0	0.0	0.00	0.0	0.000	0.083	26.3	79	22.3	28.4	15.56	1.1484	0.00	0	4	0.0	15
9-12-22	16:30	0	0.0	0.00	0.0	0.000	0.083	26.3	79	22.4	28.5	15.56	1.1479	0.00	0	4	0.0	15
9-12-22	16:45	0	0.0	0.00	0.0	0.000	0.083	26.3	79	22.4	28.5	15.56	1.1477	0.00	0	4	0.0	15
9-12-22	17:00	0	0.0	0.00	0.0	0.000	0.083	26.4	79	22.5	28.6	15.56	1.1471	0.00	0	4	0.0	15
9-12-22	17:15	0	0.0	0.00	0.0	0.000	0.083	26.4	79	22.5	28.7	15.56	1.1467	0.00	0	4	0.0	15
9-12-22	17:30	0	0.0	0.00	0.0	0.000	0.082	26.4	79	22.5	28.6	15.56	1.1468	0.00	0	4	0.0	15
9-12-22	17:45	0	0.0	0.00	0.0	0.000	0.081	26.3	79	22.4	28.5	15.56	1.1470	0.00	0	4	0.0	15
9-12-22	18:00	0	0.0	0.00	0.0	0.000	0.079	26.4	79	22.5	28.6	15.56	1.1466	0.00	0	4	0.0	15
9-12-22	18:15	0	0.0	0.00	0.0	0.000	0.078	26.4	79	22.5	28.6	15.56	1.1466	0.00	0	4	0.0	15
9-12-22	18:30	0	0.0	0.00	0.0	0.000	0.078	26.4	79	22.5	28.6	15.56	1.1465	0.00	0	4	0.0	15
9-12-22	18:45	0	0.0	0.00	0.0	0.000	0.076	26.4	79	22.5	28.6	15.56	1.1464	0.00	0	4	0.0	15
9-12-22	19:00	0	0.0	0.00	0.0	0.000	0.076	26.4	80	22.7	28.8	15.96	1.1455	0.00	0	4	0.0	15
9-12-22	19:15	0	0.0	0.00	0.0	0.000	0.075	26.5	79	22.6	28.8	15.56	1.1453	0.00	0	4	0.0	15
9-12-22	19:30	0	0.0	0.00	0.0	0.000	0.075	26.6	80	22.8	29.0	15.95	1.1442	0.00	0	4	0.0	15
9-12-22	19:45	0	0.0	0.00	0.0	0.000	0.074	26.4	80	22.7	28.8	15.96	1.1449	0.00	0	4	0.0	15
9-12-22	20:00	0	0.0	0.00	0.0	0.000	0.072	26.4	80	22.7	28.8	15.96	1.1447	0.00	0	4	0.0	15
9-12-22	20:15	0	0.0	0.00	0.0	0.000	0.071	26.4	80	22.7	28.8	15.96	1.1445	0.00	0	4	0.0	15
9-12-22	20:30	0	0.0	0.00	0.0	0.000	0.071	26.4	80	22.7	28.8	15.96	1.1444	0.00	0	4	0.0	15
9-12-22	20:45	0	0.0	0.00	0.0	0.000	0.069	26.5	80	22.8	28.9	15.96	1.1438	0.00	0	4	0.0	15
9-12-22	21:00	0	0.0	0.00	0.0	0.000	0.068	26.5	80	22.8	28.9	15.96	1.1438	0.00	0	4	0.0	15
9-12-22	21:15	0	0.0	0.00	0.0	0.000	0.067	26.6	80	22.8	29.0	15.95	1.1435	0.00	0	4	0.0	15
9-12-22	21:30	0	0.0	0.00	0.0	0.000	0.066	26.6	80	22.9	29.1	15.95	1.1431	0.00	0	4	0.0	15
9-12-22	21:45	0	0.0	0.00	0.0	0.000	0.066	26.5	80	22.8	28.9	15.96	1.1437	0.00	0	4	0.0	15
9-12-22	22:00	0	0.0	0.00	0.0	0.000	0.066	26.4	80	22.7	28.8	15.96	1.1440	0.00	0	4	0.0	15
9-12-22	22:15	0	0.0	0.00	0.0	0.000	0.065	26.5	80	22.8	28.9	15.96	1.1438	0.00	0	4	0.0	15
9-12-22	22:30	0	0.0	0.00	0.0	0.000	0.065	26.4	80	22.7	28.8	15.96	1.1442	0.00	0	4	0.0	15
9-12-22	22:45	0	0.0	0.00	0.0	0.000	0.064	26.5	81	23.0	29.0	16.36	1.1436	0.00	0	4	0.0	15
9-12-22	23:00	0	0.0	0.00	0.0	0.000	0.064	26.5	81	23.0	29.0	16.36	1.1438	0.00	0	4	0.0	15
9-12-22	23:15	0	0.0	0.00	0.0	0.000	0.064	26.6	81	23.0	29.1	16.35	1.1436	0.00	0	4	0.0	15
9-12-22	23:30	0	0.0	0.00	0.0	0.000	0.064	26.6	80	22.9	29.1	15.95	1.1438	0.00	0	4	0.0	15
9-12-22	23:45	0	0.0	0.00	0.0	0.000	0.064	26.6	81	23.1	29.2	16.35	1.1437	0.00	0	4	0.0	15
10-12-22	00:00	0	0.0	0.00	0.0	0.000	0.063	26.5	81	23.0	29.0	16.36	1.1447	0.00	0	4	0.0	15

SPAV 10-12-22

Date	Time	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	ET	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10-12-22	0:15	0	0.0	0.00	0.0	0.000	0.063	26.5	81	23.0	29.0	16.36	1.1449	0.00	0	4	0.0	15
10-12-22	0:30	7	0.0	0.00	0.0	0.000	0.062	26.5	81	23.0	29.0	16.36	1.1451	0.00	0	4	0.0	15
10-12-22	0:45	30	0.0	0.00	0.0	0.000	0.061	26.5	81	23.0	29.0	16.36	1.1454	0.00	0	4	0.0	15
10-12-22	1:00	54	0.0	0.00	0.0	0.000	0.061	26.6	81	23.0	29.1	16.35	1.1454	0.00	0	4	0.0	15
10-12-22	1:15	76	0.0	0.00	0.0	0.000	0.063	26.6	81	23.1	29.2	16.35	1.1452	0.00	0	4	0.0	15
10-12-22	1:30	91	0.0	0.00	0.0	0.000	0.064	26.7	81	23.1	29.3	16.35	1.1451	0.00	0	4	0.0	15
10-12-22	1:45	120	0.0	0.00	0.0	0.000	0.065	26.7	81	23.2	29.4	16.35	1.1450	0.00	0	4	0.0	15
10-12-22	2:00	123	0.0	0.00	0.0	0.000	0.066	26.7	81	23.2	29.4	16.35	1.1453	0.00	0	4	0.0	15
10-12-22	2:15	149	0.4	0.04	0.6	0.000	0.067	26.7	81	23.1	29.3	16.35	1.1458	0.00	0	4	0.0	15
10-12-22	2:30	176	0.6	0.06	0.8	0.000	0.069	26.7	81	23.2	29.4	16.35	1.1457	0.00	0	4	0.0	15
10-12-22	2:45	267	1.0	0.11	1.1	0.000	0.072	26.8	81	23.2	29.5	16.34	1.1455	0.00	0	4	0.0	15
10-12-22	3:00	262	1.0	0.11	1.1	0.000	0.074	26.8	81	23.3	29.6	16.34	1.1453	0.00	0	4	0.0	15
10-12-22	3:15	341	1.1	0.12	1.5	0.000	0.076	26.9	81	23.4	29.7	16.33	1.1452	0.00	0	4	0.0	15
10-12-22	3:30	383	1.5	0.16	1.7	0.000	0.079	27.0	81	23.5	29.9	16.33	1.1445	0.00	0	4	0.0	15
10-12-22	3:45	506	1.9	0.20	2.2	0.000	0.082	27.2	81	23.6	30.3	16.31	1.1434	0.00	0	4	0.0	15
10-12-22	4:00	490	1.9	0.20	2.3	0.000	0.083	27.2	80	23.5	30.3	15.91	1.1435	0.00	0	4	0.0	15
10-12-22	4:15	490	2.1	0.22	2.3	0.000	0.087	27.3	80	23.5	30.4	15.91	1.1431	0.00	0	4	0.0	15
10-12-22	4:30	343	2.0	0.21	2.2	0.000	0.087	27.3	80	23.6	30.6	15.90	1.1426	0.00	0	4	0.0	15
10-12-22	4:45	536	2.0	0.21	2.6	0.000	0.089	27.3	80	23.5	30.4	15.91	1.1426	0.00	0	4	0.0	15
10-12-22	5:00	647	2.9	0.31	3.2	0.000	0.095	27.4	80	23.7	30.8	15.89	1.1417	0.00	0	4	0.0	15
10-12-22	5:15	701	2.6	0.28	3.3	0.000	0.097	27.6	80	23.8	31.2	15.88	1.1403	0.00	0	4	0.0	15
10-12-22	5:30	617	2.9	0.31	3.4	0.000	0.096	27.7	80	24.0	31.5	15.87	1.1394	0.00	0	4	0.0	15
10-12-22	5:45	722	2.9	0.31	3.5	0.000	0.099	27.9	80	24.1	31.9	15.86	1.1382	0.00	0	4	0.0	15
10-12-22	6:00	608	3.0	0.32	3.4	0.000	0.100	27.9	79	24.0	31.9	15.50	1.1379	0.00	0	4	0.0	15
10-12-22	6:15	350	2.6	0.28	3.6	0.000	0.098	27.8	80	24.1	31.8	15.87	1.1378	0.00	0	4	0.0	15
10-12-22	6:30	698	2.4	0.26	3.6	0.000	0.101	27.8	80	24.0	31.6	15.87	1.1377	0.00	0	4	0.0	15
10-12-22	6:45	652	3.3	0.35	3.7	0.000	0.103	27.9	79	24.0	31.9	15.50	1.1368	0.00	0	4	0.0	15
10-12-22	7:00	666	2.8	0.30	3.7	0.000	0.108	28.1	79	24.1	32.4	15.50	1.1356	0.00	0	4	0.0	15
10-12-22	7:15	656	2.8	0.30	3.2	0.000	0.106	28.2	79	24.2	32.6	15.50	1.1349	0.00	0	4	0.0	15
10-12-22	7:30	599	2.9	0.31	3.1	0.000	0.107	28.3	79	24.3	33.0	15.49	1.1338	0.00	0	4	0.0	15
10-12-22	7:45	629	2.7	0.29	3.0	0.000	0.109	28.5	78	24.3	33.3	15.18	1.1329	0.00	0	4	0.0	15
10-12-22	8:00	519	2.3	0.25	2.4	0.000	0.109	28.6	78	24.3	33.4	15.18	1.1322	0.00	0	4	0.0	15
10-12-22	8:15	501	1.6	0.17	2.1	0.000	0.107	28.6	78	24.4	33.6	15.18	1.1316	0.00	0	4	0.0	15
10-12-22	8:30	482	1.7	0.18	1.9	0.000	0.108	28.3	78	24.1	32.7	15.19	1.1334	0.00	0	4	0.0	15
10-12-22	8:45	471	1.3	0.14	1.8	0.000	0.111	28.4	78	24.2	33.1	15.19	1.1322	0.00	0	4	0.0	15
10-12-22	9:00	316	1.4	0.15	1.5	0.000	0.108	28.4	78	24.2	33.1	15.19	1.1320	0.00	0	4	0.0	15
10-12-22	9:15	345	1.3	0.14	1.4	0.000	0.111	28.7	78	24.5	33.9	15.18	1.1303	0.00	0	4	0.0	15
10-12-22	9:30	216	0.9	0.10	1.0	0.000	0.109	28.5	78	24.3	33.3	15.18	1.1316	0.00	0	4	0.0	15
10-12-22	9:45	207	0.8	0.09	0.9	0.000	0.108	28.4	78	24.2	33.1	15.19	1.1319	0.00	0	4	0.0	15
10-12-22	10:00	169	0.6	0.06	0.7	0.000	0.106	28.4	78	24.2	32.9	15.19	1.1323	0.00	0	4	0.0	15
10-12-22	10:15	160	0.5	0.05	0.6	0.000	0.105	28.6	78	24.3	33.4	15.18	1.1314	0.00	0	4	0.0	15
10-12-22	10:30	120	0.0	0.00	0.0	0.000	0.104	28.2	78	24.0	32.5	15.19	1.1335	0.00	0	4	0.0	15
10-12-22	10:45	98	0.0	0.00	0.0	0.000	0.103	28.0	78	23.8	31.9	15.20	1.1349	0.00	0	4	0.0	15
10-12-22	11:00	67	0.0	0.00	0.0	0.000	0.102	27.9	78	23.7	31.8	15.20	1.1355	0.00	0	4	0.0	15
10-12-22	11:15	42	0.0	0.00	0.0	0.000	0.101	27.8	78	23.6	31.4	15.21	1.1361	0.00	0	4	0.0	15
10-12-22	11:30	21	0.0	0.00	0.0	0.000	0.100	27.8	78	23.6	31.3	15.21	1.1367	0.00	0	4	0.0	15
10-12-22	11:45	7	0.0	0.00	0.0	0.000	0.097	27.7	79	23.7	31.3	15.51	1.1368	0.00	0	4	0.0	15
10-12-22	12:00	0	0.0	0.00	0.0	0.000	0.095	27.7	79	23.7	31.2	15.51	1.1372	0.00	0	4	0.0	15
10-12-22	12:15	0	0.0	0.00	0.0	0.000	0.090	27.7	79	23.7	31.2	15.51	1.1375	0.00	0	4	0.0	15
10-12-22	12:30	0	0.0	0.00	0.0	0.000	0.084	27.6	79	23.6	31.1	15.52	1.1380	0.00	0	4	0.0	15
10-12-22	12:45	0	0.0	0.00	0.0	0.000	0.082	27.5	79	23.5	30.8	15.52	1.1389	0.00	0	4	0.0	15
10-12-22	13:00	0	0.0	0.00	0.0	0.000	0.080	27.5	79	23.5	30.8	15.52	1.1392	0.00	0	4	0.0	15
10-12-22	13:15	0	0.0	0.00	0.0	0.000	0.079	27.4	79	23.5	30.7	15.52	1.1397	0.00	0	4	0.0	15

Date	Time	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	ET	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10-12-22	13:30	0	0.0	0.00	0.0	0.000	0.077	27.4	79	23.5	30.7	15.52	1.1401	0.00	0	4	0.0	15
10-12-22	13:45	0	0.0	0.00	0.0	0.000	0.076	27.4	79	23.4	30.6	15.52	1.1406	0.00	0	4	0.0	15
10-12-22	14:00	0	0.0	0.00	0.0	0.000	0.075	27.4	79	23.4	30.6	15.52	1.1408	0.00	0	4	0.0	15
10-12-22	14:15	0	0.0	0.00	0.0	0.000	0.075	27.4	79	23.4	30.6	15.52	1.1410	0.00	0	4	0.0	15
10-12-22	14:30	0	0.0	0.00	0.0	0.000	0.073	27.4	79	23.5	30.7	15.52	1.1409	0.00	0	4	0.0	15
10-12-22	14:45	0	0.0	0.00	0.0	0.000	0.073	27.3	79	23.4	30.4	15.53	1.1416	0.00	0	4	0.0	15
10-12-22	15:00	0	0.0	0.00	0.0	0.000	0.073	27.3	79	23.3	30.3	15.53	1.1422	0.00	0	4	0.0	15
10-12-22	15:15	0	0.0	0.00	0.0	0.000	0.071	27.3	79	23.3	30.3	15.53	1.1423	0.00	0	4	0.0	15
10-12-22	15:30	0	0.0	0.00	0.0	0.000	0.071	27.3	79	23.3	30.3	15.53	1.1424	0.00	0	4	0.0	15
10-12-22	15:45	0	0.0	0.00	0.0	0.000	0.068	27.3	79	23.3	30.3	15.53	1.1425	0.00	0	4	0.0	15
10-12-22	16:00	0	0.0	0.00	0.0	0.000	0.064	27.2	79	23.3	30.2	15.53	1.1428	0.00	0	4	0.0	15
10-12-22	16:15	0	0.0	0.00	0.0	0.000	0.063	27.3	79	23.3	30.3	15.53	1.1424	0.00	0	4	0.0	15
10-12-22	16:30	0	0.0	0.00	0.0	0.000	0.062	27.3	79	23.4	30.4	15.53	1.1420	0.00	0	4	0.0	15
10-12-22	16:45	0	0.0	0.00	0.0	0.000	0.061	27.3	79	23.3	30.3	15.53	1.1420	0.00	0	4	0.0	15
10-12-22	17:00	0	0.0	0.00	0.0	0.000	0.061	27.2	79	23.2	30.1	15.53	1.1427	0.00	0	4	0.0	15
10-12-22	17:15	0	0.0	0.00	0.0	0.000	0.060	27.2	80	23.4	30.2	15.91	1.1421	0.00	0	4	0.0	15
10-12-22	17:30	0	0.0	0.00	0.0	0.000	0.058	27.2	80	23.4	30.2	15.91	1.1419	0.00	0	4	0.0	15
10-12-22	17:45	0	0.0	0.00	0.0	0.000	0.058	27.1	80	23.4	30.1	15.92	1.1422	0.00	0	4	0.0	15
10-12-22	18:00	0	0.0	0.00	0.0	0.000	0.057	27.2	80	23.4	30.2	15.91	1.1419	0.00	0	4	0.0	15
10-12-22	18:15	0	0.0	0.00	0.0	0.000	0.055	27.2	80	23.4	30.2	15.91	1.1416	0.00	0	4	0.0	15
10-12-22	18:30	0	0.0	0.00	0.0	0.000	0.053	27.2	79	23.2	30.1	15.53	1.1419	0.00	0	4	0.0	15
10-12-22	18:45	0	0.0	0.00	0.0	0.000	0.052	27.2	79	23.2	30.1	15.53	1.1417	0.00	0	4	0.0	15
10-12-22	19:00	0	0.0	0.00	0.0	0.000	0.050	27.1	80	23.4	30.1	15.92	1.1414	0.00	0	4	0.0	15
10-12-22	19:15	0	0.0	0.00	0.0	0.000	0.049	27.0	80	23.3	29.8	15.93	1.1419	0.00	0	4	0.0	15
10-12-22	19:30	0	0.0	0.00	0.0	0.000	0.049	27.0	80	23.3	29.8	15.93	1.1417	0.00	0	4	0.0	15
10-12-22	19:45	0	0.0	0.00	0.0	0.000	0.048	27.0	80	23.3	29.8	15.93	1.1415	0.00	0	4	0.0	15
10-12-22	20:00	0	0.0	0.00	0.0	0.000	0.048	27.0	80	23.3	29.8	15.93	1.1413	0.00	0	4	0.0	15
10-12-22	20:15	0	0.0	0.00	0.0	0.000	0.047	27.0	80	23.3	29.8	15.93	1.1410	0.00	0	4	0.0	15
10-12-22	20:30	0	0.0	0.00	0.0	0.000	0.046	27.1	80	23.3	29.9	15.92	1.1406	0.00	0	4	0.0	15
10-12-22	20:45	0	0.0	0.00	0.0	0.000	0.046	27.1	80	23.3	29.9	15.92	1.1406	0.00	0	4	0.0	15
10-12-22	21:00	0	0.0	0.00	0.0	0.000	0.046	27.1	80	23.4	30.1	15.92	1.1403	0.00	0	4	0.0	15
10-12-22	21:15	0	0.0	0.00	0.0	0.000	0.045	26.9	80	23.2	29.7	15.93	1.1411	0.00	0	4	0.0	15
10-12-22	21:30	0	0.0	0.00	0.0	0.000	0.045	26.9	80	23.2	29.7	15.93	1.1410	0.00	0	4	0.0	15
10-12-22	21:45	0	0.0	0.00	0.0	0.000	0.044	26.9	80	23.2	29.7	15.93	1.1410	0.00	0	4	0.0	15
10-12-22	22:00	0	0.0	0.00	0.0	0.000	0.044	26.9	80	23.2	29.7	15.93	1.1411	0.00	0	4	0.0	15
10-12-22	22:15	0	0.0	0.00	0.0	0.000	0.044	26.9	80	23.2	29.7	15.93	1.1411	0.00	0	4	0.0	15
10-12-22	22:30	0	0.0	0.00	0.0	0.000	0.045	26.9	80	23.2	29.7	15.93	1.1413	0.00	0	4	0.0	15
10-12-22	22:45	0	0.0	0.00	0.0	0.000	0.045	27.0	80	23.3	29.8	15.93	1.1409	0.00	0	4	0.0	15
10-12-22	23:00	0	0.0	0.00	0.0	0.000	0.043	27.0	80	23.3	29.8	15.93	1.1410	0.00	0	4	0.0	15
10-12-22	23:15	0	0.0	0.00	0.0	0.000	0.042	26.9	80	23.1	29.6	15.93	1.1418	0.00	0	4	0.0	15
10-12-22	23:30	0	0.0	0.00	0.0	0.000	0.042	26.8	80	23.1	29.5	15.94	1.1423	0.00	0	4	0.0	15
10-12-22	23:45	0	0.0	0.00	0.0	0.000	0.040	26.8	80	23.1	29.5	15.94	1.1424	0.00	0	4	0.0	15
11-12-22	00:00	0	0.0	0.00	0.0	0.000	0.039	26.8	80	23.1	29.5	15.94	1.1426	0.00	0	4	0.0	15