

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD			7:00 AM	April 2011	EASTERN				REMARKS	AVERAGE WIND SPEED MPH	SOLAR RADIATION	
DATE	TEMPERATURE F					RAIN, MELTED PRECIP INCHES	SNOW, ICE, HAIL INCHES	SNOW, ICE ON GROUND INCHES	EVAP		WATER TEMP F						watts per sq ft	time occurane
	maximum	time occurrence	minimum	time occurrence	present				INCHES	reading after	maximum	time occurrence	minimum	time occurrence				
4 1	42	1613	36	601	37	0.20					44	1657	39	706		4.63	7.58	1433
4 2	49	1316	31	345	38	0.00					53	1541	38	546		6.05	42.07	1137
4 3	52	1548	38	700	42	0.07					54	1602	38	624		5.94	38.76	1036
4 4	59	1633	42	700	56	0.03			3.03		63	1418	39	704		7.26	33.99	1213
4 5	86	1528	55	701	60	0.27					78	1534	47	703		13.50	31.35	1146
4 6	61	737	32	623	37	0.19			2.95		59	739	38	647		8.10	44.94	1335
4 7	64	1635	37	700	45	0.00			2.73		69	1535	38	703		8.11	39.68	1258
4 8	67	1409	44	600	45	0.03			2.62		77	1550	44	701		4.69	31.03	1215
4 9	52	1053	42	412	43	0.37					55	1120	43	618		5.28	34.59	1035
4 10	52	1534	43	703	49	0.00					56	1628	43	700		3.20	23.11	1222
4 11	64	1450	49	702	62	0.00			2.85		69	1603	50	702		5.97	44.89	1311
4 12	85	1555	62	700	66	T			2.61		86	1416	56	700		8.71	29.33	1128
4 13	67	1153	49	553	49	0.21			2.86		67	1217	51	638		7.12	33.33	1149
4 14	56	1633	44	548	49	0.11			2.79		61	1357	46	629		4.80	26.26	1242
4 15	72	1643	42	556	52	0.00			2.62		82	1558	46	700		3.49	30.51	1202
4 16	65	1425	48	52	51	0.00					78	1441	49	509		8.14	28.44	1153
4 17	63	1528	44	516	48	1.04			3.35		59	2021	48	628		10.00	15.95	1416
4 18	67	1715	47	552	51	0.00			3.11		74	1458	48	702		7.31	34.12	1211
4 19	76	1545	51	700	63	0.00					70	1543	50	700		6.65	27.06	1451
4 20	69	1444	50	433	55	0.02			2.86		71	1628	54	620		3.60	27.12	1440
4 21	85	1605	52	619	52	0.00					93	1019	44	552	hole in evap pan lost water	10.73	32.96	1304
4 22	64	1610	42	2331	45	0.00					64	1528	34	2304		6.29	32.90	1313
4 23	48	654	42	2020	48	0.42					51	1038	43	2051		4.17	10.02	731
4 24	73	1718	48	703	63	0.02					81	1413	47	700		7.51	42.26	1209
4 25	86	1556	60	546	65	0.32			3.41		94	1203	58	700	fixed evap pan	4.79	34.94	1347
4 26	87	1502	65	702	68	0.00			3.25		96	1321	60	700		7.89	32.41	1230
4 27	85	1430	68	609	69	0.00			3.01		86	1426	65	700		9.50	39.71	1128
4 28	83	1534	69	700	75	0.23			3.06		83	1539	68	700		11.41	38.23	1219
4 29	78	834	49	334	59	0.42			3.31		77	1502	54	622		5.86	37.68	1353
4 30	69	1400	50	546	50	0.00					89	1124	46	2209		5.76	45.83	1224
Average	67		48		53	Total	3.95	0.0			71		48			6.88	32.37	
						Greatest	1.04	0.0										