

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO		PRINCE GEORGE MD					7:00 AM		July 2010		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 occurance	minimum	time occurance	present				INCHES	reading after	maximum	time occurance	minimum	time occurance				
7 1	79	1738	60	2351	65	0.00			1.45		85	1611	59	555	4.41	60.48	1104	
7 2	80	1616	54	522	67	0.00			1.14	2.19	91	1420	58	541	4.59	42.60	1206	
7 3	82	1537	54	447	66	0.00					93	1541	59	700	3.56	48.23	1133	
7 4	88	1610	59	514	69	0.00					97	1449	61	700	3.34	41.26	1216	
7 5	96	1520	65	500	76	0.00					101	1432	65	700	2.81	41.01	1236	
7 6	98	1607	70	510	81	0.00			0.95	2.13	102	1437	69	701	2.61	43.86	1151	
7 7	102	1603	73	459	82	0.00					103	1435	74	700	2.95	44.02	1149	
7 8	100	1407	75	454	82	0.00			1.50		104	1415	77	700	3.23	39.48	1232	
7 9	92	1249	71	426	77	0.00			1.20	1.9	102	1321	72	545	4.32	43.52	1340	
7 10	92	1355	74	659	74	0.10					101	1402	73	700	4.75	51.13	1152	
7 11	76	1154	67	435	71	0.48					79	1739	70	525	4.85	25.07	1148	
7 12	91	1507	66	454	72	0.00			1.86		100	1455	69	542	2.79	40.64	1242	
7 13	87	1116	71	101	75	0.65			2.35		89	1244	70	702	3.32	46.79	931	
7 14	86	1627	70	1943	73	1.27			3.41		93	1628	73	555	4.22	58.41	1113	
7 15	84	1555	70	515	77	0.00			3.29		87	1628	74	547	4.45	63.32	1338	
7 16	93	1332	72	519	78	0.17			3.22		103	1431	74	700	3.24	55.81	1243	
7 17	95	1433	72	459	77	0.00					101	1350	76	700	4.35	51.34	1312	
7 18	92	1601	71	454	77	0.00					100	1427	73	550	4.54	58.67	1326	
7 19	93	1332	73	203	76	0.37			2.74		100	1333	74	700	4.20	53.96	1112	
7 20	91	1431	70	449	75	0.07			2.54		99	1522	74	609	4.65	55.91	1245	
7 21	91	1519	73	152	77	0.00			2.35		95	1527	75	540	4.62	62.18	1154	
7 22	91	1539	71	513	79	0.10			2.25		99	1507	74	606	3.31	53.96	1137	
7 23	94	1411	72	516	78	0.00			2.00		100	1418	75	700	2.52	46.50	1223	
7 24	96	1509	77	525	83	0.00					103	1410	76	700	5.02	36.15	1207	
7 25	99	1320	78	520	84	0.00					105	1429	76	601	4.92	41.46	1257	
7 26	98	1404	69	518	73	0.87			1.91		103	1409	73	550	4.03	41.28	1310	
7 27	87	1658	64	448	73	0.00			1.67		99	1511	68	557	2.94	43.59	1238	
7 28	87	1243	70	150	76	0.00			1.49		95	1317	70	700	3.41	58.73	1346	
7 29	93	1524	76	701	80	0.00			1.24		101	1445	73	700	4.65	53.29	1140	
7 30	94	1247	65	539	70	0.01			1.09	1.82	99	1243	68	557	3.90	47.28	1236	
7 31	84	1357	62	440	68	0.00					97	1409	66	613	3.19	43.91	1203	
Average	91		69		75	Total	4.09	0.0			98		70		3.86	48.19		
						Greatest	1.27	0.0										

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