

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO		PRINCE GEORGE MD					7:00 AM		July 2013		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 occurrence	present				INCHES	reading after	maximum	time occurrence	minimum	time occurrence				
7 1	84	1329	67	1032	73	1.66			4.48	2.25	88	1329	75	559	0.91	38.63	1053	
7 2	83	1503	73	702	74	0.12			2.26		90	1547	74	600	2.15	44.97	1314	
7 3	83	1234	70	340	73	0.15			2.34		88	1326	72	455	3.07	40.77	1237	
7 4	86	1226	71	339	76	0.03					94	1626	72	700	2.26	48.78	1207	
7 5	88	1419	72	350	76	0.00			2.03		98	1434	74	546	3.64	45.86	1051	
7 6	89	1531	73	341	78	0.00					101	1450	74	546	4.58	46.99	1153	
7 7	92	1338	72	432	78	0.00			1.51		104	1436	73	543	3.70	40.55	1309	
7 8	90	1342	70	224	73	0.03			1.32		102	1351	72	520	3.95	7.33	1422	
7 9	86	1532	70	322	73	T			1.16		96	1526	71	530	1.26	44.63	1102	
7 10	85	1657	73	702	77	T			1.09	2.48	90	1651	72	700	0.69	28.89	1217	
7 11	89	1623	72	2246	73	0.22			2.58		95	1617	73	541	2.34	48.10	1148	
7 12	84	1546	66	325	66	3.82			OF		95	1511	69	646	1.29	42.30	1103	
7 13	72	700	66	702	72	0.00					75	1508	69	743	2.13	14.27	1406	
7 14	85	1517	70	318	74	0.93			OF	2.43	90	1608	72	702	0.86	42.84	1035	
7 15	89	1434	70	448	75	0.00			2.30		100	1455	74	605	1.30	40.58	1229	
7 16	93	1539	75	249	81	0.00			2.09		103	1515	75	700	1.23	40.32	1128	
7 17	93	1439	73	402	79	0.00			1.84		102	1442	76	526	2.74	0.63	550	
7 18	94	1425	74	328	81	0.00			1.64		104	1445	77	538	1.14	32.14	958	
7 19	95	1307	77	537	81	0.00			1.44		107	1404	78	700	0.96	2.21	1402	
7 20	94	1311	77	430	78	0.00					103	1340	77	539	3.25	36.45	1220	
7 21	93	1332	71	510	77	0.00			0.99		101	1440	74	615	3.66	44.70	1237	
7 22	92	1315	70	508	74	0.39			1.26		103	1342	73	544	0.90	24.53	846	
7 23	88	1621	72	234	75	0.39			1.49		99	1517	74	700	1.21	5.71	710	
7 24	87	1514	68	512	74	0.00			1.31	2.43	97	1326	71	543	1.90	20.31	1303	
7 25	83	1515	62	651	62	0.00			2.24		90	1452	64	657	4.68	41.73	1152	
7 26	79	1501	62	747	69	0.00			2.08		92	1455	64	753	2.29	0.13	1401	
7 27	85	1450	66	410	69	0.00					98	1453	68	701	1.00	0.65	1608	
7 28	85	1434	69	701	71	0.00					95	1504	69	705	3.05	25.49	1247	
7 29	87	1443	64	535	69	0.00			1.60		96	1442	67	603	1.43	0.43	917	
7 30	84	1353	59	521	66	0.00			1.38		98	1442	63	615	1.98	0.49	1059	
7 31	83	1539	63	140	67	0.00			1.23		92	1432	64	701	0.77	5.18	1020	
Average	87		70		74	Total	7.74	0.0			96		72		2.14	27.63		
						Greatest	3.82	0.0										

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