

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO		PRINCE GEORGE MD					7:00 AM		July 2007		EASTERN									
DATE	TEMPERATURE F						RAIN, MELTED PRECIP INCHES	SNOW, ICE, HAIL INCHES	SNOW, ICE ON GROUND INCHES	EVAP		WATER TEMP F				REMARKS	AVERAGE SOLAR RADIATION			
	maximum	time occurance	minimum	time occurance	present					INCHES	reading after	maximum	time occurance	minimum	time occurance		WIND SPEED MPH	watts per sq ft	time occurance	
7 1	81	1209	59	446	64		0.00			1.63	2.44	89	1626	65	559		2.32	73.50	1201	
7 2	82	1518	57	528	65		0.00			2.18		90	1540	59	548		4.19	69.41	1251	
7 3	79	1620	53	156	64		0.00					92	1533	60	700		3.13	71.08	1124	
7 4	81	1331	63	702	70		0.00					85	1336	63	710		5.16	77.96	1256	
7 5	87	1443	70	709	75		T			1.71		90	1444	66	709		8.45	66.90	1440	
7 6	82	1135	70	507	74		0.07			1.67	2.06	84	1531	68	725		4.76	83.44	1155	
7 7	90	1502	62	522	72		0.00					95	1507	67	544		3.03	68.85	1145	
7 8	92	1543	65	524	75		0.00					96	1451	68	700		2.40	70.25	1316	
7 9	96	1512	66	511	74		0.00			1.21	1.60	98	1402	69	547		2.41	67.09	1221	
7 10	98	1340	74	518	80		0.00			1.29	1.66	98	1445	71	700		2.74	58.86	1230	
7 11	96	1122	67	1202	73		1.04			2.47		96	1129	72	525		2.18	70.06	1257	
7 12	88	1528	64	505	70		0.07			2.35		95	1511	67	609		3.44	86.23	1323	
7 13	85	1447	62	515	71		0.00			2.07		96	1504	68	700		2.95	66.90	1332	
7 14	85	1205	60	514	69		0.00					88	1209	64	556		3.17	75.08	1123	
7 15	87	1427	67	524	72		0.00					92	1411	66	700		4.28	72.38	1159	
7 16	93	1519	67	527	76		0.00			1.27	1.65	97	1329	68	700		4.02	63.77	1305	
7 17	91	1343	66	518	74		0.00			1.46	1.87	96	1341	70	602		1.60	69.13	1022	
7 18	92	1405	73	705	76		0.00			1.55		100	1425	70	702		4.40	59.57	1228	
7 19	91	1552	68	511	75		0.00			1.34	1.73	95	1556	71	607		2.64	71.64	1204	
7 20	93	1252	73	1559	74		0.01			1.56	2.27	90	1258	71	659		5.95	72.94	1151	
7 21	85	1528	60	546	67		0.00					91	1443	63	619		4.79	69.32	1224	
7 22	84	1341	62	30	70		0.00					90	1459	63	556		3.42	88.00	1222	
7 23	86	1414	65	559	68		0.00					91	1428	64	700		3.49	79.07	1214	
7 24	87	1432	60	520	69		0.00			1.25	1.61	93	1452	63	548		3.55	83.63	1108	
7 25	87	1231	66	437	69		0.00			1.43		89	1235	64	701		3.82	70.15	1117	
7 26	86	1621	66	336	71		0.00					91	1410	67	705		2.74	76.38	1201	
7 27	88	1454	67	311	73		0.00			1.00	2.03	96	1419	68	511		3.38	78.89	1214	
7 28	94	1345	67	520	73		0.34					95	1324	70	700		3.47	65.51	1326	
7 29	91	1422	71	430	74		0.00					99	1540	71	700		2.26	78.33	1158	
7 30	86	1047	70	53	73		0.14			1.93		90	1158	72	543		1.75	67.55	1052	
7 31	87	1302	67	436	72		0.42			2.23		91	1319	71	620		1.08	72.48	1301	
Average	88		65		72	Total	2.09	0.0				93		67			3.45	72.40		
						Greatest	1.04													