

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO		PRINCE GEORGE MD					7:00 AM		July 2011		EASTERN				REMARKS	AVERAGE		SOLAR RADIATION	
DATE	TEMPERATURE F					RAIN, MELTED PRECIP INCHES	SNOW, ICE, HAIL INCHES	SNOW, ICE ON GROUND INCHES	EVAP		WATER TEMP F					WIND SPEED MPH	watts per sq ft	time occurene	
	maximum	time occurance	minimum	time occurance	present				INCHES	reading after	maximum	time occurance	minimum	time occurance					
7 1	86	1518	59	446	72	0.00			1.36	2.65	95	1507	63	556		2.98	33.19	1155	
7 2	90	1522	59	517	68	0.00					96	1352	65	700		2.97	31.10	1247	
7 3	92	1436	68	700	69	0.00					98	1431	66	701		3.95	32.73	1221	
7 4	92	1457	67	1827	73	0.38					100	1500	70	700		3.33	35.24	1340	
7 5	88	1515	69	502	75	0.51			2.72		95	1554	72	700		2.43	33.25	1349	
7 6	92	1458	70	431	78	0.00			2.47		100	1336	74	604		2.52	35.10	1245	
7 7	87	1542	70	206	74	0.00			2.32		94	1619	71	542		4.44	45.31	1131	
7 8	94	1355	70	356	76	0.00			2.04		102	1419	72	700		3.47	32.85	1257	
7 9	88	1400	67	514	73	1.27					93	1406	70	544		4.13	40.06	1157	
7 10	89	1610	66	454	73	0.00					98	1530	71	700		3.48	40.31	1310	
7 11	89	1332	69	412	76	0.00			2.52		98	1443	71	600		4.07	40.77	1226	
7 12	92	1535	72	231	78	0.68			2.95		98	1416	72	700		5.60	31.34	1430	
7 13	93	1639	71	513	79	0.00			2.66		100	1441	74	558		3.58	34.11	1302	
7 14	91	1215	59	528	67	0.29			2.76		96	1332	67	601		2.82	41.39	1328	
7 15	82	1525	62	231	70	0.00			2.52		95	1535	67	610		3.69	35.72	1157	
7 16	81	1536	59	523	68	0.00					89	1627	64	600		3.21	49.89	1255	
7 17	84	1412	65	444	72	0.00					95	1416	65	700		4.30	50.01	1212	
7 18	88	1348	68	527	73	0.00			1.82		98	1355	69	700		5.14	43.77	1308	
7 19	91	1445	73	447	78	0.00			1.58		101	1404	71	700		4.23	30.43	1219	
7 20	95	1241	72	333	77	0.00			1.39		100	1343	74	546		3.28	35.48	1217	
7 21	93	1230	75	510	79	0.00			1.17		104	1419	75	700		2.92	32.10	1134	
7 22	97	1426	78	508	84	0.00			0.90	2.28	104	1405	77	700		4.69	30.12	1214	
7 23	102	1337	77	350	83	0.00					106	1403	79	702		2.30	30.05	1137	
7 24	101	1354	76	431	85	0.00					105	1419	78	554		3.29	32.56	1113	
7 25	96	1548	75	500	79	0.00			1.55		100	1555	77	555		3.17	36.94	1047	
7 26	92	1158	71	446	76	0.18			1.61		98	1202	73	541		2.64	36.10	1156	
7 27	93	1439	71	540	77	0.00			1.28		101	1421	70	624		5.15	32.62	1228	
7 28	92	1628	67	242	75	0.00			1.01	2.51	98	1505	69	551		3.28	29.17	1236	
7 29	93	1306	75	453	80	0.00					96	1309	70	700		4.13	34.82	1305	
7 30	102	1503	78	546	81	0.00					103	1408	75	618		4.44	29.33	1240	
7 31	96	1522	71	122	76	0.00					100	1527	73	616		3.58	33.25	1003	
Average	92		69		76	Total	3.31	0.0			99		71			3.65	35.78		
						Greatest	1.27	0.0											