

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO		PRINCE GEORGE MD					7:00 AM		August 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 occurance	minimum	time occurance	present				INCHES	reading after	maximum	time occurance	minimum	time occurance					
8 1	96	1352	71	509	77	0.00			1.46		100	1410	73	610	4.07	32.28	1139		
8 2	99	1520	68	528	75	0.17			1.37		100	1327	69	624	3.80	32.87	1248		
8 3	95	1553	75	409	80	0.00			1.10		98	1503	70	700	4.46	30.03	1228		
8 4	83	1227	73	150	74	0.19			1.25	1.61	83	1402	74	627	2.58	15.87	1342		
8 5	83	1504	64	527	72	0.01			1.47		92	1516	68	604	3.74	41.27	1303		
8 6	87	1440	66	516	72	0.00					93	1539	68	558	5.00	39.17	1258		
8 7	90	1409	72	700	77	*					93	1405	69	700	6.42	35.15	1211		
8 8	93	1359	72	401	76	0.50			1.53		95	1356	72	625	Two day rain total		3.69	36.13	1255
8 9	91	1605	70	454	75	0.00			1.19		98	1533	72	602	3.39	38.80	1205		
8 10	93	1525	68	539	73	0.01			1.02	1.37	98	1451	69	603	3.65	40.86	1125		
8 11	91	1541	64	358	69	0.00			1.13	1.6	94	1355	66	626	3.54	36.17	1211		
8 12	88	1524	59	552	66	0.00			1.47		91	1524	63	618	3.28	33.97	1155		
8 13	89	1533	63	236	69	0.00					96	1529	64	702	2.88	32.15	1038		
8 14	85	1131	69	700	72	*					85	1351	66	700	4.68	34.03	1130		
8 15	83	1534	66	112	68	2.22			3.18		90	1537	69	634	Two day rain total		4.60	45.65	1322
8 16	79	1136	65	428	69	0.28			3.38		83	1437	66	627	2.88	41.67	1136		
8 17	84	1450	64	518	69	0.06			3.25		90	1454	67	700	4.57	47.46	1140		
8 18	89	1349	69	448	71	0.00			3.04		95	1350	69	700	3.34	46.05	1303		
8 19	89	1343	68	501	71	0.05			2.91		94	1438	70	700	4.37	56.05	1105		
8 20	87	1505	62	548	66	2.10					95	1610	67	622	2.46	43.90	1332		
8 21	87	1458	66	701	73	0.00					95	1521	67	701	3.14	42.19	1240		
8 22	89	1254	70	1520	71	1.19			O.F.	2.92	93	1256	73	655	4.74	51.70	1226		
8 23	81	1608	55	544	61	0.00			2.67		90	1449	61	634	4.42	55.16	1350		
8 24	82	1540	56	538	62	0.00			2.51		91	1538	61	700	2.44	51.14	1217		
8 25	85	1401	63	700	76	0.00			2.31		91	1446	63	700	7.66	50.18	1245		
8 26	81	1010	66	342	68	0.39			2.63		83	1547	68	622	4.49	48.50	1338		
8 27	89	1350	68	700	75	0.00					95	1506	68	700	3.68	55.84	1226		
8 28	76	826	68	413	69	5.27					76	856	68	620	16.26	6.45	951		
8 29	84	1508	58	539	63	0.18			O.F.	2.66	84	1637	68	647	4.61	60.88	1206		
8 30	80	1542	55	556	61	0.00					83	1414	61	640	2.02	66.72	1138		
8 31	81	1439	55	551	59	0.00			2.45		89	1539	61	629	2.43	45.70	1209		
Average	87		65		70	Total	12.62	0.0			91		67		4.30	41.74			
						Greatest	5.27	0.0											