

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD			7:00 AM	September 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				WIND SPEED MPH			watts per sq ft	time occurrence
	maximum	time occurrence	minimum	time occurrence	present				INCHES	reading after	maximum	time occurrence	minimum	time occurrence					
9 1	85	1331	58	603	61	0.00			2.30		91	1438	61	700		1.61	50.22	1230	
9 2	83	1157	61	700	66	0.06			2.22		86	1329	63	700		1.96	49.41	1158	
9 3	77	1412	64	2246	67	0.00					79	1617	67	616		1.80	18.36	1240	
9 4	83	1604	67	700	70	0.00					87	1632	67	700		3.32	40.40	1246	
9 5	88	1350	70	701	72	0.00					95	1506	70	701		4.47	28.22	1249	
9 6	85	1355	62	621	62	1.90			3.72		90	1410	66	659		5.14	30.85	1349	
9 7	71	655	61	819	71	0.76			4.45	3.39	66	701	64	2303		5.19	8.21	1509	
9 8	81	938	69	309	70	7.46			O.F.	2.87	76	1714	65	701		2.29	35.09	937	
9 9	77	1306	70	700	70	1.32			4.12	2.72	79	1501	71	722		2.67	47.41	1434	
9 10	78	1522	67	541	68	0.00					84	1539	71	648		0.93	54.83	1409	
9 11	84	1449	65	614	67	0.00					90	1555	69	642		1.26	52.46	1222	
9 12	84	1418	61	617	64	0.00			2.44		92	1447	66	633		1.87	50.27	1049	
9 13	84	1414	61	615	64	0.00					94	1452	66	703		0.59	46.77	1226	
9 14	85	1510	62	550	65	0.00					92	1425	66	636		0.83	43.44	1142	
9 15	89	1249	65	558	67	0.00			1.95		93	1444	66	701		0.94	37.47	1205	
9 16	78	1204	43	557	49	0.02			1.85		83	1212	48	634		5.43	48.38	1255	
9 17	67	1327	49	700	54	0.00					74	1500	48	701		2.60	53.76	1309	
9 18	64	1603	50	120	54	0.00					68	1602	54	631		3.86	41.91	1415	
9 19	66	1337	54	703	57	0.00			1.66		71	1527	54	701		1.74	36.63	950	
9 20	70	1150	57	702	62	0.00					76	1301	58	703		1.00	56.93	1141	
9 21	70	1607	59	131	65	0.15					73	1703	62	701		1.44	19.96	1308	
9 22	76	1439	65	700	69	T					79	1512	64	701		0.74	44.95	1410	
9 23	79	1427	68	20	71	0.02			1.62		83	1526	69	701		0.61	60.18	1029	
9 24	73	1230	66	604	66	1.67					75	1352	68	647		0.73	15.73	1146	
9 25	74	1419	66	2138	68	0.00					77	1504	68	700		0.67	30.47	1344	
9 26	78	1526	67	2302	70	0.04			3.21		81	1609	69	701		0.59	31.55	1516	
9 27	82	1331	68	53	71	T			3.11		84	1344	70	618		0.71	58.32	1225	
9 28	80	1407	66	43	69	0.05			3.10		82	1409	68	553		1.15	50.49	1343	
9 29	81	1406	66	2335	68	0.44			3.45		83	1440	68	707		0.69	48.23	1049	
9 30	77	1426	55	147	59	0.00			3.30		82	1426	60	626		1.07	54.03	1212	
Average	78		62		65	Total	13.89	0.0			82		64			1.93	41.50		
						Greatest	7.46	0.0											