

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD			7:00 AM July 2009		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				
7 1	86	1156	64	408	69	0.05			1.21	1.92	92	1209	65	701	2.51	72.85	1234	
7 2	85	1407	64	517	68	0.20			1.92		98	1449	67	556	1.32	63.21	1143	
7 3	82	1405	61	443	67	0.00					92	1406	62	532	2.70	75.54	1150	
7 4	79	1630	61	458	69	0.00					87	1250	62	602	2.86	69.32	1144	
7 5	85	1434	66	655	66	0.00					94	1436	63	701	2.84	60.85	1104	
7 6	75	930	60	515	68	0.00			1.11		83	1347	63	610	1.41	76.94	1241	
7 7	85	1530	63	532	71	0.00			0.84	1.57	99	1458	64	700	0.66	49.85	1216	
7 8	88	1356	60	520	69	0.00					94	1536	64	605	0.62	61.49	1144	
7 9	81	1443	57	423	66	0.00			1.06		96	1448	61	524	0.54	52.76	1313	
7 10	81	1445	59	454	68	0.00			0.82	2.26	97	1404	62	553	0.58	57.51	1255	
7 11	80	1437	63	228	67	0.00					95	1436	63	700	0.55	65.51	1233	
7 12	82	1621	67	700	76	0.00					88	1353	66	700	0.58	49.26	1209	
7 13	89	1506	64	456	72	0.00			1.54		96	1408	67	602	0.58	59.86	1158	
7 14	87	1303	59	541	67	0.00			1.30		96	1312	62	603	0.56	62.43	1212	
7 15	85	1430	58	529	67	0.00			1.02	2.36	96	1505	62	549	0.54	52.98	1312	
7 16	87	1416	67	700	75	0.00			2.03		92	1435	63	700	0.54	50.93	1238	
7 17	94	1542	69	444	75	0.00			1.77	3.22	98	1432	68	701	0.53	59.59	1224	
7 18	83	831	66	238	70	0.01					84	1349	68	630	0.55	34.62	829	
7 19	83	1631	56	454	66	0.00					92	1407	63	608	0.54	70.15	1126	
7 20	83	1335	61	211	68	0.00			2.62		91	1351	64	701	0.52	65.00	1226	
7 21	81	1231	67	505	70	0.00			2.48		85	1500	68	704	0.53	56.63	1228	
7 22	84	1343	65	525	72	T			2.31		93	1506	70	716	0.56	60.04	1244	
7 23	87	1524	69	342	72	0.03			2.13		94	1533	70	519	0.56	55.15	1110	
7 24	83	1408	65	525	67	1.54			3.44		93	1429	68	555	0.57	63.45	1343	
7 25	86	1457	65	511	70	0.00					96	1502	69	700	0.55	72.01	1209	
7 26	88	1347	67	426	71	0.38					95	1341	70	511	0.64	59.30	1355	
7 27	89	1426	71	533	71	0.02			3.10		95	1411	71	701	0.58	75.54	1115	
7 28	88	1521	69	515	73	0.00			2.88		97	1546	72	701	0.70	63.20	1151	
7 29	89	1417	72	352	74	0.00			2.64		100	1421	73	701	2.52	61.02	1232	
7 30	84	1543	70	538	73	0.08			2.58		88	1541	71	559	4.96	49.28	1208	
7 31	87	1332	73	701	76	0.00			2.37		97	1343	72	701	4.26	62.40	1155	
Average	85		64		70	Total	2.31	0.0			93		66		1.22	60.92		
						Greatest	1.54	0.0										

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