

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD			7:00 AM August 2013		EASTERN				REMARKS	AVERAGE WIND SPEED MPH	SOLAR RADIATION watts per sq ft	RADIATION time occurane
DATE	TEMPERATURE F					RAIN, MELTED PRECIP INCHES	SNOW, ICE, HAIL INCHES	SNOW, ICE ON GROUND INCHES	EVAP		WATER TEMP F							
	maximum	time occurrence	minimum	time occurrence	present				INCHES	reading after	maximum	time occurrence	minimum	time occurrence				
8 1	82	1009	67	700	70	0.34			1.48		85	1139	68	700	1.11	12.01	1241	
8 2	83	1607	64	536	71	0.71			2.13		89	1608	69	612	0.72	8.52	1459	
8 3	86	1424	65	329	69	0.00					96	1424	69	610	1.41	26.69	1531	
8 4	79	1220	64	534	67	0.10					83	1428	67	555	0.95	16.84	1239	
8 5	82	1416	56	456	64	0.00			1.79		91	1432	61	623	4.14	36.86	1134	
8 6	82	1522	63	2339	68	0.00			1.65		95	1528	62	700	1.05	48.76	1159	
8 7	72	1734	66	824	70	0.06			1.65		75	1731	68	706	0.71	2.70	936	
8 8	84	1500	70	701	74	0.00			1.56		89	1533	70	700	1.75	41.75	1458	
8 9	86	1234	74	700	78	0.13			1.61		92	1459	73	700	2.26	0.97	1635	
8 10	91	1348	72	550	75	0.03					98	1345	75	546	4.09	33.25	1009	
8 11	84	1627	69	340	70	0.00			1.37		92	1555	72	626	0.86	30.37	909	
8 12	84	1355	67	527	71	0.00			1.28		91	1417	70	613	1.02	0.31	654	
8 13	89	1442	71	701	77	0.00			1.14		98	1510	71	701	1.24	0.37	850	
8 14	86	1535	59	604	62	0.44			1.44		94	1529	62	651	2.77	10.90	700	
8 15	75	1436	53	521	58	0.00			1.25		85	1454	57	626	4.16	54.30	1309	
8 16	78	1506	53	517	60	0.00			1.10	2.47	92	1512	58	700	1.41	49.63	1225	
8 17	79	1440	55	536	60	0.00					90	1358	59	700	0.77	48.64	1153	
8 18	79	1438	60	700	64	0.00					87	1554	63	701	1.70	44.74	1405	
8 19	72	1149	60	345	63	0.11			2.32		77	1548	64	602	1.75	25.96	1548	
8 20	74	1452	61	547	65	0.00			2.25		80	1438	65	700	1.18	29.14	1005	
8 21	86	1306	65	558	69	0.00			2.10		97	1447	66	702	1.55	47.31	1154	
8 22	88	1430	69	700	72	0.13			2.07		97	1444	71	700	1.99	41.24	1222	
8 23	89	1451	66	548	69	0.00			1.88		100	1422	71	638	1.41	45.04	1219	
8 24	76	1446	57	605	62	0.00					79	1444	61	616	1.49	15.78	1328	
8 25	82	1437	56	601	60	0.00					94	1452	62	701	1.84	44.27	1252	
8 26	81	1441	59	353	64	0.00			1.50		94	1445	61	618	1.41	45.37	1218	
8 27	88	1430	64	700	72	0.01			1.32		95	1435	62	700	2.24	40.45	1251	
8 28	90	1345	70	415	73	0.00			1.20		95	1414	70	714	1.70	45.99	1209	
8 29	83	1149	71	2256	71	0.40			1.56		85	1149	72	603	0.96	39.62	1047	
8 30	84	1614	65	351	68	0.00			1.46		91	1536	69	635	1.25	52.34	1239	
8 31	86	1445	68	700	72	0.00					93	1513	69	701	2.40	46.05	1117	
Average	83		64		68	Total	2.46	0.0			90		66		1.72	31.81		
						Greatest	0.71	0.0										

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