

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO		PRINCE GEORGE MD					7:00 AM		January 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				
1 1	54	1443	25	720	32	0.00					50	1426	31	726	2.00	17.79	1318	
1 2	59	23	32	706	51	0.02					49	526	32	712	8.47	9.71	926	
1 3	51	712	27	654	27	0.12					50	1459	34	658	7.10	13.33	1400	
1 4	39	1442	20	512	22	0.00					47	1539	33	801	4.30	16.43	1209	
1 5	45	1524	21	701	31	0.00					45	1447	34	745	4.98	17.33	1131	
1 6	41	1526	23	238	24	0.00					47	1548	33	749	3.55	19.82	1133	
1 7	41	1510	23	746	29	0.00					50	1420	34	801	3.27	15.18	1205	
1 8	33	1316	26	2130	28	T	0.1	T			44	1418	33	656	3.78	12.00	959	
1 9	33	1400	21	646	21	T	0.1	0			41	1526	31	618	8.19	20.99	1249	
1 10	34	1452	21	707	23	0.00					47	1416	31	722	7.93	17.10	1216	
1 11	34	1537	19	101	27	0.00					38	1548	31	709	3.43	16.51	1206	
1 12	32	1352	25	611	26	0.12	1.1	1			34	1457	31	725	3.30	7.00	1412	
1 13	34	1229	25	653	25	0.00		T			39	1307	31	653	9.28	24.00	1220	
1 14	34	1525	18	657	18	0.00		T			42	1432	31	242	6.43	16.70	1216	
1 15	36	1517	18	706	24	0.00					42	1412	31	702	3.33	22.32	1206	
1 16	44	1941	23	740	35	0.00					43	1231	31	723	5.83	22.64	1231	
1 17	41	1357	25	2031	28	0.00					47	1458	32	649	4.63	19.82	1217	
1 18	32	653	27	2216	32	0.34	0.1	T			35	1542	32	906	Ice accumulation	3.16	6.43	1258
1 19	35	1509	31	1007	33	0.00					38	1620	32	716	1.96	9.13	1503	
1 20	51	1355	29	659	29	0.00					48	1433	33	742	5.38	25.94	1132	
1 21	45	1458	28	738	32	0.02					52	1451	33	748	5.94	23.92	1321	
1 22	35	1145	14	630	15	0.00					50	1501	32	657	9.01	24.53	1146	
1 23	26	1619	10	125	18	0.00					37	1601	31	633	3.11	13.50	1446	
1 24	29	1543	7	627	7	0.00					38	1533	31	632	5.64	24.17	1137	
1 25	30	1559	7	731	28	0.00					37	1405	31	734	4.53	20.62	1211	
1 26	48	1518	27	745	33	0.36	0.2	T			40	1405	31	704	Snow & Rain	3.28	15.95	1317
1 27	34	1628	31	658	31	1.01	3.6	4			34	1403	31	659	Rain & Snow	7.37	5.59	1149
1 28	36	1328	26	2244	28	0.00		4			38	1309	31	646		3.99	26.76	1309
1 29	36	1347	24	655	24	0.05	0.1	4			34	1547	31	655		2.77	8.97	1357
1 30	37	1515	20	621	20	0.00		4			35	1505	31	459		2.72	18.53	1454
1 31	45	1530	20	747	27	0.00		3			47	1334	31	718		3.39	28.22	1300
Average	39		22		27	Total	2.04	5.3			43		32		4.90	17.45		
						Greatest	1.01	3.6										

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