

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD				7:00 AM		December 2013		EASTERN						
DATE	TEMPERATURE F						RAIN, MELTED PRECIP INCHES	SNOW, ICE, HAIL INCHES	SNOW, ICE ON GROUND INCHES	EVAP		WATER TEMP F				REMARKS	AVERAGE WIND SPEED MPH	SOLAR watts per sq ft	RADIATION time occurene	
	maximum	time occurance	minimum	time occurance	present					INCHES	reading after	maximum	time occurance	minimum	time occurance					
12 1	39	1219	20	718	22		0.00					44	1344	35	735		0.68	0.01	704	
12 2	52	1423	22	718	38		0.00			3.71		44	1443	36	743		0.67	0.42	832	
12 3	48	1419	38	705	39		0.00					45	1501	39	759		0.59	0.01	901	
12 4	59	1324	36	2336	38		0.00			3.63		54	1536	41	737		1.15	0.01	608	
12 5	58	1328	38	700	52		0.00					51	1624	41	719		0.71	0.01	630	
12 6	70	1341	52	706	64		0.07			3.64		64	1523	50	703		7.79	0.13	201	
12 7	64	725	35	700	35		0.50					62	706	39	650		7.29	0.25	801	
12 8	43	1250	27	253	29		0.00					44	1312	36	659		4.77	0.03	745	
12 9	32	653	27	1341	32		1.47	0.9	1	overflow		37	1207	34	518	snow turn to rain	1.30	0.30	1545	
12 10	35	1403	32	731	33		0.22		T	frozen		39	1320	34	732		0.67	0.15	1334	
12 11	38	1552	20	625	21		0.10	1.0	1	frozen		40	1527	34	656		1.26	0.16	1049	
12 12	42	1445	20	725	26		0.00		T	frozen		43	1509	34	737		2.58	0.04	1017	
12 13	33	1437	19	2118	28		0.00		0	frozen		42	1505	34	655		3.59	0.00	2302	
12 14	43	1317	28	2032	32		0.00					41	1346	34	737		2.17	0.00	758	
12 15	41	1250	32	715	34		0.58					39	1131	36	818		1.66	0.15	1609	
12 16	48	1241	27	2228	35		0.00			frozen		44	1456	36	743		5.15	0.03	936	
12 17	37	1306	31	1808	31		0.00			frozen		41	1306	34	656		1.75	0.00	918	
12 18	38	1450	28	420	29		0.02			frozen		38	1508	34	659		0.59	0.02	1955	
12 19	41	1417	22	254	27		0.00			frozen		42	1439	33	656		2.63	0.01	825	
12 20	62	1505	26	705	47		0.00			1.91		49	1616	33	749		5.53	0.01	539	
12 21	60	1617	46	733	56		0.00					51	1615	39	742		7.00	0.02	2012	
12 22	72	1340	55	716	70		0.00					67	1448	50	704		11.46	0.01	31	
12 23	71	854	60	635	61		0.40					65	1001	59	649		5.12	0.63	1007	
12 24	64	1053	31	656	31		0.43			2.53		61	1127	38	659		6.79	0.17	1243	
12 25	41	1521	20	656	20		0.00					44	1437	31	646		7.20	0.01	2121	
12 26	35	1439	19	419	23		0.00					40	1446	31	700		1.32	0.00	836	
12 27	46	1435	22	648	22		0.00					40	1449	32	750		1.11	0.01	907	
12 28	51	1455	22	727	27		0.00					41	1503	33	743		1.62	0.00	735	
12 29	59	1428	25	739	41		0.19					43	1454	34	804		2.40	0.09	508	
12 30	48	1952	34	222	36		0.80			3.31		46	1738	39	647		2.28	0.07	1344	
12 31	45	1112	30	504	30		0.00					43	1436	36	657		2.97	0.01	741	
Average	49		30		36	Total	4.78	1.9				47		37			3.28	0.09		
						Greatest	1.47	1.0												

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