

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD				7:00 AM		January 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 occurane	
	maximum	time occurance	minimum	time occurance	present					INCHES	reading after	maximum	time occurance	minimum	time occurance					
1 1	44	1413	27	746	36		0.00					41	1413	33	750		1.51	9.40	1359	
1 2	44	1300	33	700	33		0.00			3.78		40	1635	36	819		1.78	2.67	1246	
1 3	39	1407	23	632	24		0.00			3.59		44	1433	34	659		3.22	11.49	1319	
1 4	38	1517	20	325	30		0.00			3.50		40	1529	33	659		1.53	11.66	1252	
1 5	44	1505	29	752	34		0.00					43	1451	32	823		5.03	10.67	1148	
1 6	45	1459	30	653	30		0.00					43	1459	34	750		2.09	10.73	1246	
1 7	53	1415	28	755	42		0.00					51	1502	36	812		3.05	11.25	1403	
1 8	48	1427	23	317	28		0.00			3.37		51	1449	36	654		2.89	10.40	1240	
1 9	55	1512	27	320	28		0.00			3.25		50	1609	35	746		2.53	10.52	1229	
1 10	55	1438	27	717	42		T			3.22		47	1628	38	758		1.85	7.54	1228	
1 11	56	1539	30	653	31		0.00			3.17		54	1542	39	922		1.82	10.27	1216	
1 12	44	1256	30	704	42		0.00					43	1551	38	925		0.57	5.65	1005	
1 13	59	1440	41	2233	43		0.00					58	1530	42	711		0.67	10.92	1130	
1 14	62	656	43	723	61		0.05			3.21		54	659	45	743		2.42	3.29	1138	
1 15	62	802	39	559	39		0.41			3.57		57	1159	41	659		4.63	1.86	1229	
1 16	40	1212	34	435	35		0.73			4.32	2.38	43	1205	38	659		1.87	1.17	1206	
1 17	41	308	35	704	41		0.12			2.45		42	1154	37	815		1.53	2.49	1154	
1 18	43	1228	35	656	35		T			2.46		45	1257	36	700		3.21	3.83	1220	
1 19	37	1528	25	2120	33		0.00					46	1357	33	659		6.01	11.54	1211	
1 20	55	1443	33	741	40		0.00								159	Water temp sensor out	10.54	11.23	1209	
1 21	60	1418	30	630	30		0.00								700		6.22	10.56	1222	
1 22	45	1521	19	656	19		0.00			Frozen					700		8.38	13.71	1038	
1 23	25	1351	10	659	10		0.00			Frozen					700		6.51	12.64	1229	
1 24	27	1518	10	713	17		0.03	0.9	1	Frozen					700		3.23	13.25	1316	
1 25	26	1500	15	407	16		0.00		1	Frozen					918		5.10	15.31	1247	
1 26	24	653	16	753	23		0.03	0.4	1						830		1.44	3.43	1022	
1 27	35	1407	18	325	21		0.00		T						150		2.30	14.28	1142	
1 28	39	1325	20	811	32		0.05		T	Frozen					759		1.92	11.92	1217	
1 29	49	2351	32	702	40		0.11		0	Frozen					700		3.93	5.13	1415	
1 30	70	1435	39	740	61		0.00			2.26					713		4.41	11.13	1153	
1 31	71	1605	46	659	46		1.17			3.30					655		13.34	7.28	1001	
Average	46		28		34	Total	2.70	1.3				47		37			3.73	8.94		
						Greatest	1.17	0.9												

S. No. 18-9070-4