

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

UPPER MARLBORO						PRINCE GEORGE MD				7:00 AM	February 2013		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				time occurrence	watts per sq ft			time occurrence	
	maximum	time occurrence	minimum	time occurrence	present				INCHES	reading after	maximum	time occurrence	minimum	time occurrence						
2 1	48	1256	26	53	28	0.04	1.2	1	Frozen		61	921	22	108		6.80	16.82	1238		
2 2	29	1113	15	700	15	0.00		0			40	1541	26	1016		6.79	17.08	1259		
2 3	31	1204	14	730	19	T	0.1	T			43	1153	31	729		2.86	13.38	1152		
2 4	36	1222	19	716	23	T	T	0	Frozen		44	1230	31	550		3.26	15.09	1220		
2 5	35	1623	22	718	31	0.22			Frozen		42	1214	31	724		2.43	8.41	1208		
2 6	40	1508	29	659	29	0.00			Frozen		42	1305	33	654		0.69	8.29	925		
2 7	46	1441	23	328	25	0.00			Frozen		48	1417	33	700		4.38	13.51	1137		
2 8	40	1529	25	700	33	0.00			3.26		38	1537	32	803		2.57	4.92	1117		
2 9	42	1429	29	659	29	0.00					39	1753	32	205		10.51	2.98	1350		
2 10	41	1444	19	651	19	0.00					44	1542	32	816		6.04	13.09	1200		
2 11	45	1425	19	719	37	0.35			3.53		46	1524	32	729		3.11	13.71	1401		
2 12	56	2058	37	710	42	0.00			3.51		50	2028	36	706		6.82	5.18	1136		
2 13	57	1556	30	543	32	0.00			3.42		60	1517	36	658		3.07	12.63	1200		
2 14	47	1326	32	350	34	0.21			3.60		48	1325	34	654		2.65	19.45	1123		
2 15	51	1436	32	622	33	0.00			3.53		56	1532	34	656		2.26	13.29	1216		
2 16	62	1428	33	704	35	0.05					62	1522	32	804		3.74	14.55	1215		
2 17	38	1100	25	700	25	T					41	1336	30	2231		7.05	6.41	1039		
2 18	33	1452	21	550	21	0.00			Frozen		41	1456	31	659		9.29	22.54	1150		
2 19	42	1634	21	708	39	0.00			Frozen		44	1554	31	748		4.31	17.60	1222		
2 20	45	1803	31	652	31	0.10			3.46		39	1625	33	704		8.05	5.87	1427		
2 21	39	1511	22	618	23	0.00			Frozen		47	1346	31	642		8.02	24.64	1259		
2 22	39	1447	23	710	29	0.00			Frozen		45	1424	31	714		5.61	18.54	1144		
2 23	34	1230	29	704	33	0.08					34	1555	32	719		1.33	6.07	1227		
2 24	45	1625	33	701	40	0.02					42	2346	32	704		2.02	4.19	1503		
2 25	53	1410	26	553	28	0.00			3.34		59	1518	32	657		7.69	19.06	1123		
2 26	48	1447	25	325	28	0.00			3.32		53	1533	32	704		1.99	15.54	1203		
2 27	46	14	28	701	41	0.57			3.83		44	223	33	806		5.04	3.83	1038		
2 28	56	1508	40	659	40	0.04			3.86	1.89	60	1443	42	751		3.82	20.41	1330		
Average	44		26		30	Total	1.68	1.3			47		32			4.72	12.75			
						Greatest	0.57	1.2												