



CLIMATOLOGICAL DATA

VIRGINIA

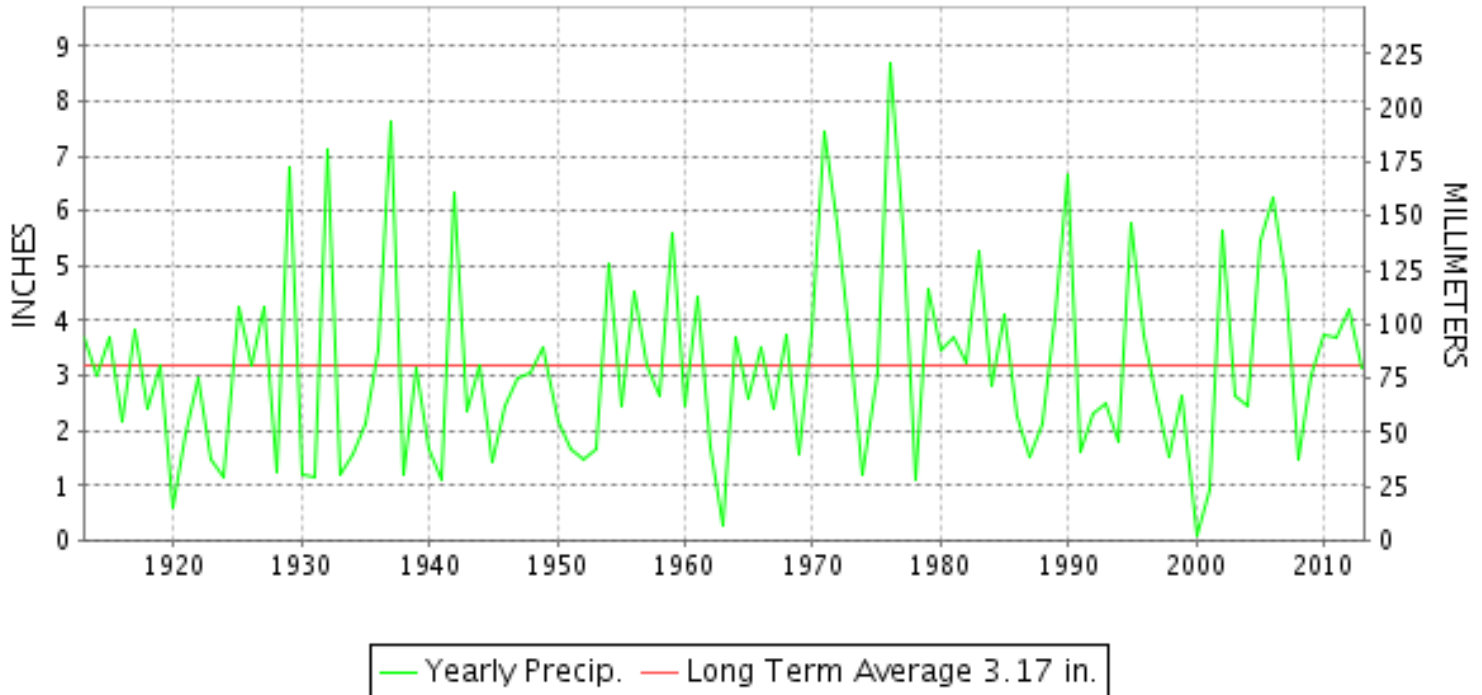
OCTOBER 2013

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OCTOBER PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

VIRGINIA

HIGHEST TEMPERATURE	94	OCTOBER 06	JOHN H KERR DAM
LOWEST TEMPERATURE	13	OCTOBER 27+	2 STATIONS
GREATEST TOTAL PRECIPITATION	9.28		STERLING RCS
LEAST TOTAL PRECIPITATION	1.10		GRUNDY
GREATEST 1 DAY PRECIPITATION	3.82	OCTOBER 12	STERLING RCS
GREATEST TOTAL SNOWFALL	2.0		BURKES GARDEN
GREATEST DEPTH OF SNOW OR ICE	2		BURKES GARDEN

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National
Climatic Data Center
Asheville, North Carolina

VIRGINIA
201310

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
PETERSBURG	70.6M	51.3M	60.9M	1.6	89	05	29	26	170E	52E	0	0	2	0	M 4.22	1.00	1.81	10	M 0.0	0		6	2	2
RICHMOND INTL AP	72.2	53.1	62.6	2.9	92	05	32	26	137	71	2	0	1	0	4.25	1.27	1.44	09	0.0	0		5	3	2
SANDSTON	M	M	M		83	04	28	27	306E	13E	0	0	2	0	M				0.0					
WINTERPOCK 4 W															M				0.0					
--DIVISIONAL DATA-----> WESTERN PIEDMONT 03			59.7	2.8B										3.34	-0.51B									
ALTAVISTA														1.50		0.55	10	0.0				5	1	0
APPOMATTOX	68.0	48.0	58.0	1.2	89	06	28	27	254	47	0	0	3	0	2.57	-1.19	0.75	10+	0.0			6	2	0
BEDFORD 4 NW														2.66		1.18	08	0.0			6	2	1	
BROOKNEAL	69.9M	46.3M	58.1M	6.6	88	06	25	27+	236E	31E	0	0	5	0	2.26	-1.35	0.70	10	0.0	0		6	1	0
CHARLOTTE COURT HOUSE	68.9	48.1	58.5	1.5	86	06+	29	27+	233	39	0	0	2	0	2.25	-1.12	1.01	08	0.0	0		4	2	1
CHARLOTTESVILLE 2W	68.5	49.6	59.1	0.8	89	06	33	27+	232	57	0	0	0	0	3.18	-0.56	1.01	11	0.0	0		6	2	1
CHATHAM	68.6	44.5M	56.6M	1.6	86	06	22	27	274E	18E	0	0	7	0	2.14	-1.15	0.70	08	0.0	0		7	2	0
CONCORD 4 SSW														2.35		0.72	10	0.0			4	2	0	
DANVILLE REGIONAL AP	71.5	50.5	61.0	1.5	89	05	26	26	166	51	0	0	3	0	1.20	-2.34	0.62	07	0.0	0		3	1	0
FREE UNION	68.0F	44.7	56.3F		86	06	26	27+	276	27	0	0	5	0	3.11		0.93	11	0.0			7	2	0
HOLCOMB ROCK														3.21		1.72	08	0.0	0		8	1	1	
HUDDLESTON 4 SW														2.60		1.67	08	0.0			5	1	1	
LYNCHBURG INTL AP	69.3	47.5	58.4	2.2	89	04	24	26	231	35	0	0	3	0	2.34	-0.77	0.85	07	0.0	0		5	2	0
MARTINSVILLE FLTR PLT	70.6	45.3	57.9	2.1	87	06	23	27	237	26	0	0	5	0	1.57	-1.73	1.03	08	0.0	0		3	1	1
MEADOWS OF DAN 5 SW	M	M	M								0	0	0	0	1.89		0.82	07	0.0	0		3	2	0
MONTEBELLO FISH CULTURAL STN	64.0M	39.0M	51.5M		80	09+	20	27+	415E	1E	0	0	9	0	A 3.34		2.26	07	0.0			2	1	1
MONTICELLO	65.6	48.4	57.0	1.4	83	07+	32	27+	274	35	0	0	2	0	4.45	0.77	1.80	11	0.0			7	2	2
PEDLAR DAM														2.96		1.70	08	0.0	0		6	1	1	
ROCKY MT	68.9	46.5	57.7	1.8	86	06	25	27+	242	23	0	0	3	0	2.45	-0.73	1.20	08	0.0	0		5	1	1
SOUTH BOSTON	70.5	47.8	59.2	2.0	90	06	27	28+	210	39	1	0	3	0	1.96	-1.52	0.52	08	0.0	0		4	1	0
STUART	70.6	47.7	59.2	1.5	89	05	27	26	206	33	0	0	4	0	3.26	-0.06	1.60	08	0.0	0		4	2	2
TYE RIVER 1 SE	69.9	46.2	58.0	0.8	86	06	24	26	242	35	0	0	2	0	1.74	-1.90	0.93	08	0.0			4	2	0
WOOLWINE														2.50		1.47	08	0.0	0		5	1	1	
--DIVISIONAL DATA-----> NORTHERN 04			57.8	1.5B										2.50	-1.26B									
BOSTON 4 SE	67.5	45.0F	56.2F	2.2	86	07+	26	26	331	26	0	0	4	0	6.44	2.96	2.21	08	0.0	0		6	6	2
EDINBURG	66.3	42.3	54.3	1.0	86	07+	25	27+	352	27	0	0	8	0	3.62	1.28	1.18	08	0.0			7	2	2
FRONT ROYAL	66.5	45.7	56.1	0.0	87	06	29	29+	304	37	0	0	4	0	5.89	2.74	1.90	12	0.0			7	5	4
LINCOLN	67.2	42.8	55.0	0.7	89	07	24	26	335	32	0	0	7	0	A 6.61		1.34	08	0.0			1	1	1
LURAY 5 E	66.6	44.6	55.6	-0.9	86	07	25	26	315	29	0	0	3	0	6.81	3.78	2.15	11	0.0	0		8	7	2
MADISON	68.5	48.1	58.3	2.7	87	05	32	27+	237	35	0	0	2	0	MA 5.34	1.98	2.00	11	0.0	0		3	3	2
MANASSAS	68.7	48.4M	58.5M	2.1	88	07+	29	26	247E	56E	0	0	3	0	M 5.05		1.70	11	0.0			7	5	2

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
MT WEATHER	63.6	48.5	56.1	1.4	84	07+	33	27+	315	48	0	0	0	0	5.75	2.32	1.87	11	0.0			7	3	3
PIEDMONT RSCH STN	67.2	47.4	57.3	0.6	86	06	26	26	272	39	0	0	3	0	A 3.25	-0.17	1.05	11	0.0			4	2	1
SOMERSET	68.5	45.3	56.9	1.2	87	06+	27	26	279	37	0	0	5	0	4.66	1.11	1.67	08	0.0			7	2	2
SPERRYVILLE	65.5M	45.2M	55.4M	-0.5	90	06+	28	27+	317E	25E	2	0	3	0	A 7.29	3.73	3.10	11	0.0			6	4	2
STERLING RCS	67.9M	45.2M	56.6M	1.4	89	07+	26	27	297E	42E	0	0	4	0	9.28	5.69	3.82	12	0.0	0		7	3	3
VIENNA	65.2	46.0	55.6	0.6	84	06+	29	27+	314	29	0	0	3	0	4.93	1.42	2.39	12	0.0			4	3	2
WASHGTN DULLES INTL AP	68.9	48.0	58.4	2.4	90	05+	29	26+	242	47	2	0	2	0	7.51	4.26	3.38	11	0.0	0		6	3	3
WASHINGTON REAGAN AP	70.5	54.3	62.4	2.9	91	06	35	26	156	83	2	0	0	0	6.25	2.85	2.76	11	0.0	0		5	3	3
WINCHESTER	66.2	45.7	56.0	1.4	88	06	29	26	315	44	0	0	2	0	6.23	3.28	1.99	11	0.0			6	4	3
WINCHESTER 7 SE	67.0M	M	M		88	07+	34	22+	317E	0	0	0	0	0	A 6.17	3.23	2.25	11	M 0.0	0		6	4	2
WOODSTOCK 2 NE	66.4M	43.6M	55.0M	1.3	88	07	26	27+	339E	35E	0	0	7	0	M 5.01	2.35	1.65	11	0.0			7	4	1
--DIVISIONAL DATA-----> CENTRAL MOUNTAIN 05			56.7	2.2B										6.05	2.49B									
BUCHANAN														M 3.29	0.08	2.23	07	0.0				5	2	1
BUENA VISTA														3.00		2.00	08	0.0	0			4	1	1
COVINGTON FLTR PLT														1.43	-1.11	0.51	07	M 0.0	0			4	1	0
CRAIGSVILLE 2 S	68.5	44.4	56.5	0.4	85	07+	23	27+	281	22	0	0	7	0	M	0.0								
DALE ENTERPRISE	66.2	43.1	54.7	1.3	86	06	22	26	334	19	0	0	4	0	1.80	-0.72	0.66	07	0.0	0		4	2	0
GATHRIGHT DAM	63.9	43.8	53.9	0.6	79	06	24	27+	346	6	0	0	5	0	1.23	-1.50	0.51	07	M 0.0	0		3	1	0
GLASGOW 1 SE														3.32		1.34	08	0.0	0			4	2	2
HOT SPRINGS	64.1	42.3	53.2	1.2	80	06	22	27+	363	6	0	0	3	0	1.30	-1.71	0.50	07	0.0			3	1	0
LEXINGTON	68.5M	45.1M	56.8M	1.0	87	06	22	27+	260E	22E	0	0	6	0	2.48	-0.44	0.97	08	M 0.0	0		4	2	0
MILLGAP	63.2	37.7	50.5	1.6	80	06	13	27	445	1	0	0	11	0	1.69	-1.25	0.67	08	0.0	0		5	1	0
MTN GROVE														1.31		0.95	07	M T	0			3	1	0
MUSTOE 1 SW	61.6	38.5	50.0	0.4	78	05	15	26	455	0	0	0	10	0	1.69	-1.15	0.73	07	M T	0		4	1	0
NEW CASTLE														2.09		1.07	06	0.0				3	1	1
ROANOKE 8 N	69.3	47.8	58.5	1.4	87	06	27	27+	226	33	0	0	2	0	2.47	-0.59	1.32	07	0.0	0		4	1	1
ROANOKE INTL AP	69.0	49.2	59.1	1.4	86	05+	27	26	214	38	0	0	2	0	2.54	-0.35	2.01	07	0.0	0		3	1	1
STAUNTON WATER TRMTMT PLT	65.5	45.6	55.5	1.3	84	06+	28	26	315	30	0	0	3	0	2.51	-0.47	1.05	07	M 0.0	0		5	2	1
WAYNESBORO WTP	66.0	44.2	55.1	0.9	86	06	25	28+	319	19	0	0	5	0	4.80	1.59	2.30	08	0.0	0		8	2	1
--DIVISIONAL DATA-----> SOUTHWESTERN MOUNTAIN 06			54.9	0.9B										2.24	-0.93B									
ABINGDON 3S	67.5M	45.5M	56.5M	1.9	83	06	25	27	267E	10E	0	0	3	0	M 1.19	-1.22	0.70	07	M 0.0	0		3	1	0
BIG STONE GAP	69.2	45.5	57.4	1.4	83	06+	24	27	251	22	0	0	5	0	1.35	-1.58	0.40	07	0.0	0		6	0	0
BLACKSBURG NWSO	64.4	42.3	53.3	1.0	82	05	20	26	356	7	0	0	5	0	2.64	-0.14	1.37	07	T	T	25	4	2	1
BURKES GARDEN	59.9	38.6	49.3	0.2	78	06	13	27+	479	0	0	1	9	0	1.86	-1.06	0.44	31	M 2.0	2	25	6	0	0
CHRISTIANSBURG	63.8	44.1	54.0	-0.5	81	06	22	27+	344	11	0	0	3	0	3.48	0.73	1.93	07	0.0	0		7	2	1

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
CLINTWOOD 1 W	64.9	42.6	53.7	0.8	80	07+	20	27+	348	4	0	0	7	0	1.38	-1.32	0.40	30	T	0		6	0	0
COPPER HILL	60.0M	42.6M	51.3M		76	06	23	27+	421E	3E	0	0	4	0	M 3.17		1.40	08	0.0	0		8	2	1
GALAX RADIO WBRF	64.6	43.2	53.9	1.6	80	05	21	26	339	3	0	0	4	0	2.71	-0.12	2.32	07	0.0			2	1	1
GALAX WTP	64.3M	41.3M	52.8M	1.0	80	06	20	27+	371E	1E	0	0	5	0	2.72		2.20	07	M T	0		2	1	1
GRUNDY	65.9M	46.9M	56.4M	1.5	82	07+	29	27+	279E	23E	0	0	2	0	MA 1.10	-1.72	0.26	30	0.0	0		4	0	0
JOHN FLANNAGAN LAKE	M	M	M		84	07	26	27+	360E	18E	0	0	4	0	M		0.0		0					
LAFAYETTE 1 NE															2.91		1.73	07	M T	0		4	1	1
LEBANON	65.9	41.4	53.7	0.5	83	06	20	27+	350	7	0	0	8	0	1.25	-1.15	0.40	30	0.0	0		3	0	0
NORA 4 SSE	61.6	46.7	54.1	-0.6	77	06	26	25	342	14	0	0	4	0	1.11	-1.57	0.35	30	0.3	T	25	4	0	0
NORTH FORK LAKE	M	M	M		83	07	24	28	227E	13E	0	0	1	0	MA 1.28		0.48	30	0.0			2	0	0
PULASKI 2 E	66.5	42.9M	54.7M	1.1	84	07	22	27	322E	9E	0	0	6	0	2.17	-0.48	0.97	07	M 0.0	0		3	2	0
RADFORD 3 N	65.2	43.6	54.4	2.2	83	06	19	26	332	10	0	0	5	0	2.24	-0.40	1.55	07	0.0	0		3	1	1
RICHLANDS	64.8	42.1	53.5	0.3	79	06	21	26	353	1	0	0	6	0	1.54	-0.90	0.40	31	M 0.0	0		6	0	0
SALTVILLE 1N	66.5M	42.4M	54.4M	0.1	83	06	23	27+	330E	12E	0	0	6	0	M 1.15	-1.58	0.49	30	0.0			3	0	0
STAFFORDSVILLE 3 ENE	64.4	43.1	53.7	0.5	80	06	20	27	345	4	0	0	6	0	1.71	-0.94	0.54	07	M T	M T	25	4	1	0
WILLIS															3.17		1.69	07	0.0			8	2	1
WISE 3E	64.2	44.9	54.5	-0.4	79	05	21	26	323	7	0	0	4	0	1.68	-0.89	0.45	30	T	0		5	0	0
--DIVISIONAL DATA----->			54.0	1.3B											2.12	-0.98B								

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DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																																	
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
VIRGINIA																																			
TIDEWATER 01																																			
DISPUTANTA	M	-	-	-	-	-	-	0.98	0.01	2.39	0.10	0.15	0.19	0.52	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	
EASTVILLE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EMPORIA 1 WNW	M 2.68	-	-	-	-	-	-	0.60	0.05	1.00	0.05	0.05	0.08	0.32	-	-	-	-	0.05	-	-	-	0.13	0.35	-	-	-	-	-	-	-	-	-		
FREDERICKSBURG SEWAGE	2.98	-	-	-	-	-	-	0.63	-	0.67	0.85	0.30	0.08	0.12	-	-	-	-	0.03	-	-	-	0.25	0.02	-	-	-	-	-	-	-	-	0.01	0.02	
HOLLAND 1 E	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HOPEWELL	M 5.56	-	-	-	-	-	1.04	0.02	0.45	3.28	0.13	0.10	0.41	0.07	-	-	-	-	0.05	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	
NORFOLK INTL AP	4.13	-	-	-	-	-	0.68	0.02	2.28	0.68	0.15	0.26	0.05	-	-	-	-	-	0.01	-	-	-	T	-	-	-	-	-	-	-	-	-	-	T	
NORFOLK SOUTH	M 2.07	-	-	-	-	-	0.57	-	-	1.12	0.12	0.15	0.08	-	-	-	-	-	0.02	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	
NORTH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PAINTER 2W	M 1.59	-	-	-	-	-	-	0.71	0.57	-	-	0.08	0.21	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONY CREEK 2 N	M	-	-	-	-	-	-	0.89	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUFFOLK LAKE KILBY	M 1.24	-	-	-	-	-	0.67	0.01	0.35	-	-	-	-	0.08	0.03	-	-	-	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	0.01	
WAKEFIELD 1NW	M 3.91	-	-	-	-	-	0.86	0.05	1.79	0.25	0.07	0.34	0.29	0.01	-	-	0.01	-	0.02	-	-	-	0.20	-	-	-	-	-	-	-	-	-	-	0.02	
WALKERTON 2 NW	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WALLACETON LK DRUMMOND	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WALLOPS ISLAND NASA TEST FACIL	4.20	-	-	-	-	-	0.72	-	2.30	0.67	0.02	0.25	0.18	-	T	-	T	-	0.02	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	T	
WARSAW 2 NW	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST POINT 2 NW	M	-	-	-	-	-	-	-	0.75	1.15	0.05	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSBURG 2 N	M 3.18	-	-	-	-	-	0.69	-	1.55	0.22	0.08	0.19	0.38	0.02	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EASTERN PIEDMONT 02																																			
ALBERTA 5N	M 2.22	-	-	-	-	-	-	0.52	-	0.76	0.18	0.06	0.17	0.40	-	-	-	0.01	-	0.08	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.03	
AMELIA COURTHOUSE 1	M	-	-	-	-	-	-	0.65	-	-	-	-	0.14	0.14	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ASHLAND	3.13	-	-	-	-	-	0.63	-	0.28	1.54	0.10	0.20	0.19	-	-	-	-	-	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	0.05	
BREMO BLUFF	M 2.98	-	-	-	-	-	-	0.68	-	0.59	0.53	0.08	0.23	0.19	-	-	-	-	-	0.05	-	-	0.30	0.23	-	-	-	-	-	-	-	-	-	0.03	
BUCKINGHAM	M 2.32	-	-	-	-	-	-	0.58	-	0.47	-	-	0.95	0.02	-	-	-	0.02	-	0.03	-	0.17	0.04	-	-	-	-	-	-	-	-	-	-	0.01	
CAMP PICKETT	M	-	-	-	-	-	-	-	-	0.90	0.40	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHASE CITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CLARKSVILLE	M 2.23	-	-	-	-	-	-	1.33	-	0.50	0.20	-	0.10	-	-	-	-	-	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CORBIN	M	-	-	-	-	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROZIER	M 0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FARMVILLE 2 N	M 2.05	-	-	-	-	-	0.47	-	-	0.81	0.43	0.08	-	0.14	-	-	-	-	-	-	-	-	-	-	0.12	-	-	-	-	-	-	-	-	-	
GREENBAY 3 NE	2.64	-	-	-	-	-	-	1.00	-	1.00	0.06	0.04	0.12	0.21	-	-	-	-	0.04	0.01	0.02	-	-	0.09	-	-	-	-	-	-	-	-	-	0.05	
JOHN H KERR DAM	M 2.30	-	-	-	-	-	0.01	1.01	-	0.80	0.12	0.01	0.05	0.07	-	-	-	-	0.03	-	0.05	-	0.14	0.01	-	-	-	-	-	-	-	-	-	-	
LOUISA	M 2.09	-	-	-	-	-	0.39	-	0.13	0.54	0.23	0.22	0.18	0.02	-	-	-	0.01	-	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	-	0.04
PALMYRA 3S	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PETERSBURG	M 4.22	-	-	-	-	-	-	1.34	-	1.81	0.37	0.16	0.15	0.27	-	-	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
RICHMOND INTL AP	4.25	-	-	-	-	-	0.90	-	1.44	1.39	0.13	0.08	0.26	-	-	-	-	T	-	0.03	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01	
SANDSTON	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINTERPOCK 4 W	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WESTERN PIEDMONT 03																																			

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DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALTAVISTA	1.50							0.43		0.55	0.12	0.01	0.10	0.18	0.02		0.02	0.02			0.03	0.02											
APPOMATTOX	2.57							0.75		0.75	0.34	0.13	0.13	0.21	T						0.05			T	0.09						T	0.07	0.05
BEDFORD 4 NW	2.66						0.02	1.18		0.51	0.01	0.07	0.13	0.18			T		0.07				0.20	0.16						0.01	0.05	0.07	
BROOKNEAL	2.26						0.46	0.47		0.70	0.25	0.02	0.11	0.11	0.02				0.02		0.03		0.02	0.01							0.02	0.02	
CHARLOTTE COURT HOUSE	2.25						T	1.01		0.76	0.14	0.01	0.04	0.23			T		0.02		0.03		T								T	0.01	
CHARLOTTESVILLE 2W	3.18							0.73		0.35	1.01	0.27	0.08	0.39	0.01		T		0.01				0.31	T						0.01	0.01		
CHATHAM	2.14							0.70		0.60	0.10	0.10	0.12	0.14	0.05		T		0.03		0.20							0.05			0.05		
CONCORD 4 SSW	2.35							0.60		0.72	0.31	0.04	0.08	0.31	0.02				0.01		0.04			0.03	0.08					0.06	0.05		
DANVILLE REGIONAL AP	1.20						0.62		T	0.30	T	0.07	0.14				0.07			T			T							T			
FREE UNION	3.11						T	0.86		0.30	0.93	0.12	0.10	0.44					0.06		T		0.27							T	0.03		
HOLCOMB ROCK	3.21						0.16	1.72		0.08			0.29	0.42					0.10				0.22	0.12						T	0.10		
HUDDLESTON 4 SW	2.60							1.67		0.05		0.20	0.18	0.19	0.02				0.02		0.02		0.15	0.02					0.01		0.07		
LYNCHBURG INTL AP	2.34						0.85		T	0.41		0.13	0.31			T	T		0.01				T	0.58				T	T	0.05	T		
MARTINSVILLE FLTR PLT	1.57						0.07	1.03		0.20	0.07		0.07	0.10					0.03														
MEADOWS OF DAN 5 SW	1.89						0.82	0.68		0.07			0.08	0.04																			0.20
MONTEBELLO FISH CULTURAL STN	A 3.34						2.26	*	0.00 _a	*	*	0.85 _a	0.10	*	*	*	0.01 _a	0.06				*	0.06 _a							*	0.00 _a		
MONTICELLO	4.45							1.21		0.37	1.80	0.23	0.11	0.33	0.02		T		0.02				0.34	T						T	0.02		
PEDLAR DAM	2.96						0.24	1.70		0.16	T	T	0.10	0.42			T		0.04				0.16	0.04					0.06	T	0.04		
ROCKY MT	2.45						0.22	1.20		0.28		0.09	0.08	0.28	T				0.05		0.03	T	0.11	0.02		0.01					0.08		
SOUTH BOSTON	1.96							0.52		0.43	0.44	0.05	0.23	0.08	0.03				0.06		0.08		0.01	0.03									
STUART	3.26						1.08	1.60	0.02	0.05	0.14		0.06	0.20					0.05		0.02											0.04	
TYE RIVER 1 SE	1.74						T	0.93		0.12		0.05	0.11							T			0.53							T			
WOOLWINE	2.50							1.47		0.05	0.20		0.29	0.24	0.02		T		0.05		0.02		0.10			T			0.01		0.05		
NORTHERN 04																																	
BOSTON 4 SE	6.44							2.21		0.94	1.27	0.68	0.84	0.50																			
EDINBURG	3.62						T	1.18		0.16	1.12	0.37	0.14	0.46					0.19												T		
FRONT ROYAL	5.89							1.00		0.10	1.21	1.90	1.00	0.54	0.02				0.10		0.02												
LINCOLN	A 6.61							1.34		*	*	*	*	5.27 _a																			
LURAY 5 E	6.81						0.50	0.59		0.97	2.15	1.28	0.54	0.60						0.18											T		
MADISON	MA 5.34						T	1.87		0.60	2.00	-	*	*	0.87 _a								T										
MANASSAS	M 5.05							0.85		0.55	1.70	1.20	0.50	0.15									0.10										-
MT WEATHER	5.75							1.14		0.28	1.87	1.41	0.30	0.46					0.25		0.03		0.01										
PIEDMONT RSCH STN	A 3.25							0.68		0.38	1.05	*	*	0.77 _a					T				0.34							T	0.03	0.03	
SOMERSET	4.66						0.02	1.67	0.02	0.33	1.66	0.13	0.22	0.20	0.03		0.01		0.01		T		0.29	0.02					0.01	0.01	0.04		
SPERRYVILLE	A 7.29		*		*	0.00 _a	*	1.27 _a		0.64	3.10	0.75	0.41	1.00						0.12													
STERLING RCS	9.28							1.79 _a		0.49	2.55	3.82	0.39	0.11						0.10					T					0.03			
VIENNA	4.93							0.87		0.44	1.11	2.39	0.07	0.02						0.02										0.01			
WASHGTN DULLES INTL AP	7.51							1.13		0.21	2.22	3.38	0.33	0.12				0.09		T		T		T					0.03		T		
WASHINGTON REAGAN AP	6.25							1.13		0.13	1.78	2.76	0.29	0.03		T	T	T		T		T		0.07					0.06		T		
WINCHESTER	6.23							0.90		0.05	1.99	1.60	1.06	0.41						0.16		0.06											
WINCHESTER 7 SE	A 6.17						*	0.00 _a	0.67	0.07	2.25	1.72	0.39	0.85		0.03			0.17						0.02								
WOODSTOCK 2 NE	M 5.01							0.12	0.92	0.05	1.65	0.70	0.29	0.94					0.27		-	0.07											

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DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																														
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CENTRAL MOUNTAIN 05																																
BUCHANAN	M 3.29						2.23			0.52		0.12	0.06	0.14									T							0.08	0.14	-
BUENA VISTA	3.00						0.40	2.00		0.15	T	T	0.01	0.27	0.01		0.01	0.03												0.05	0.02	0.05
COVINGTON FLTR PLT	1.43						0.51	0.31		0.04		0.05	0.02	0.15	0.01			0.06						0.03	0.06				0.04	0.05	0.10	
CRAIGSVILLE 2 S	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DALE ENTERPRISE	1.80						0.66	0.51		0.19	0.15	0.03	0.02	0.08	0.02			0.08												0.03	0.03	
GATHRIGHT DAM	1.23						0.51	0.28		0.03	0.02	T	T	0.03				0.18	0.01						0.03				0.02	0.05	0.07	
GLASGOW 1 SE	3.32						1.02	1.34		0.23	T	0.09	0.07	0.38	0.01		T	0.03					0.05	0.03				0.03	0.03	0.01		
HOT SPRINGS	1.30						0.50	0.36		0.05	0.03	0.02	T	0.05			T	0.16											0.04	0.09		
LEXINGTON	2.48						0.86	0.97		0.21	0.02		T	0.19				0.07							0.05			0.03	0.04	0.04		
MILLGAP	1.69					0.19	0.27	0.67		0.11			T	0.04				0.29	0.01					0.03						0.08		
MTN GROVE	1.31						0.95							0.08				0.15						T					0.13			
MUSTOE 1 SW	1.69				0.17		0.73		0.06	0.09		0.01	0.07	0.02		T	0.33					0.03	0.02	T					0.13	0.03		
NEW CASTLE	2.09					1.07	0.27		0.09	0.03	0.03	0.07	0.28	0.01			0.02							0.03				0.05	0.05	0.09		
ROANOKE 8 N	2.47						1.32	0.42		0.18		0.03	0.09	0.21					0.04					0.08					0.04	0.06		
ROANOKE INTL AP	2.54						2.01			0.11		0.08	0.03	0.18			0.05					T	T	T			T	T	0.07	0.01		
STAUNTON WATER TRMTMT PLT	2.51					0.03	1.05	0.51		0.28	0.05	0.08	0.17	0.23	0.01		T	0.04											0.05	0.01		
WAYNESBORO WTP	4.80						0.10	2.30		0.48	0.28	0.23	0.34	0.72	0.04		0.02	0.06						0.08	0.01					0.14		
SOUTHWESTERN MOUNTAIN 06																																
ABINGDON 3S	M 1.19						0.70										0.05	0.18								0.07	-			0.15	0.04	
BIG STONE GAP	1.35						0.40										0.10	0.15								0.18			0.15	0.37		
BLACKSBURG NWSO	2.64						1.37	0.51		0.03	0.07	0.01	0.05	0.26	0.01			0.05					0.02	0.02	T			0.01	T	0.23		
BURKES GARDEN	1.86						0.33	0.43			0.06	0.02	0.06	0.02	0.01		0.03	0.11	0.02				0.09	0.10	0.12			T	0.02	0.44		
CHRISTIANSBURG	3.48						1.93	0.56		0.11	0.09	0.05	0.10	0.29	0.02		T	0.11			T			0.02	T			0.03	0.02	0.15		
CLINTWOOD 1 W	1.38						0.31						0.03			0.18		0.03					0.01	0.11	0.10			0.17	0.40	0.04		
COPPER HILL	M 3.17	-	-	-			0.59	1.40		0.17	0.08	0.01	0.15	0.27	0.05		0.14						0.14	0.04				0.01	0.01	0.12		
GALAX RADIO WBRF	2.71	0.01					2.32			0.06	0.02		0.07				0.06	0.01					0.02							0.13		
GALAX WTP	2.72						2.20	0.25		0.06		0.04	0.02	0.01				0.03						0.02	T	0.07		0.01	0.01			
GRUNDY	MA 1.10						0.06	0.10					0.19				-	*	*	0.13 _a				0.02	0.05	0.05	T		T	0.18	0.26	0.06
JOHN FLANNAGAN LAKE	M						0.35	-					-	-	-	-	0.02	0.15					-	0.09	0.16	0.14			0.17	0.33		
LAFAYETTE 1 NE	2.91						1.73	0.38		0.09	0.05		0.08	0.27	0.02			0.06						0.01	0.02			0.01	0.03	0.16		
LEBANON	1.25						0.38	0.07				0.01						0.09						0.05	0.12	0.09			0.04	0.40		
NORA 4 SSE	1.11						0.28	0.02						0.09			0.03	0.04				T		0.03	0.03	0.12	T		0.12	0.35	T	
NORTH FORK LAKE	MA 1.28					*	* 0.32 _a	0.02				-	*	* 0.02 _a		0.05	-	*	*	0.01 _a				0.05	-	-	*	*	0.15 _a	0.15	0.48	0.03
PULASKI 2 E	2.17						0.97	0.55	T		0.09		0.06	0.05			0.04	0.08	T				0.01	0.01				0.02	0.04	0.25		
RADFORD 3 N	2.24						1.55	0.16		0.05	0.02		0.07		0.01		T	0.05				0.01		T		0.03	0.02	0.01	0.08	0.18		
RICHLANDS	1.54						0.30	0.03				0.02	0.04	0.01			0.01	0.13	0.01				0.01	0.03	0.11	0.05		0.05	0.12	0.40		
SALTVILLE 1N	M 1.15						-	0.02					0.01	0.07			0.01	0.20						0.05	0.12	0.02			0.07	0.49	0.09	
STAFFORDSVILLE 3 ENE	1.71						0.54	0.49		0.02	0.05		0.04	0.02				0.04						0.10	0.02				0.05	0.02	0.32	
WILLIS	3.17						1.69	0.57		0.12	0.12		0.16		0.11									0.08	T				0.05	0.02	0.19	
WISE 3E	1.68						0.34						0.32			T	0.09				0.01		0.09	0.10	0.15	0.05		0.05	0.02	0.45	0.01	

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DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE			
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
VIRGINIA TIDEWATER 01																																					
DISPUTANTA	07	MAX MIN						90	85	81	62	58	60	64	68	68	68				70	65	62	67	70	62	56				66	65	69	66	M		
EASTVILLE	07	MAX MIN						60	63	56	54	56	57	58	62	56	52				53	45	35	35	47	32	29				36	36	47	51	M		
EMPORIA 1 WNW	08	MAX MIN	77	83	87	86	90	91		80	63	59	60	65	69	68	70	71	73	76	71	65	65	69	70	69	56	58	59	66	69	72			70.9		
FREDERICKSBURG SEWAGE	07	MAX MIN	76	83		84	87	89	88	75	64	60	60	64	65	65	68	70	72	76	69	62	65	68	69	69	52	56	57	30	30	30	49	63	65	70	69.1
HOLLAND 1 E	08	MAX MIN		82	85																															M	
HOPEWELL	16	MAX MIN	82	84	84		90	89	86	72	63	64	65	71	71	69				75		70	65	69	70	69	62	56	59	66	66	68	69	73	71.4		
NORFOLK INTL AP	24	MAX MIN	55	58	59		64	67	70	57	58	60	62	64	66	61				63		56	50	41	52	49	39	35	32	42	41	53	52	55	54.1		
NORFOLK SOUTH	24	MAX MIN	80	81	84	86	87	86	85		66	68	65	71	71	69	66	70	78	69	66	64	66	65	59	56	53	60	63	65	65	71	75			70.3	
NORTH	07	MAX MIN																																		M	
PAINTER 2W	16	MAX MIN	79	82		85	88	87		76	64			72	68	70	69	73	75			65	65	68			55	59	63	67	67	67	67		71.1		
STONY CREEK 2 N	08	MAX MIN						91	87	81	63																										M
SUFFOLK LAKE KILBY	24	MAX MIN	81	87		86	89	85	83	64	62					68	66	74	75		66	65	68	64	61	56	56	60	67	66	69	69	74		70.4		
WAKEFIELD 1NW	24	MAX MIN	82	86	85	88	91	86	83	62	60	61	63	69	70	74	67	76	77	72	65		70	69	61	56	57	60	66	65	72	68	74		71.2		
WALKERTON 2 NW	18	MAX MIN	49	56	57	65	60	64	59	56	55	57	58	61	62	54	53	61	59	55	54		34	47	40	33	29	28	37	38	48	49	55			51.1	
WALLACETON LK DRUMMOND	08	MAX MIN																																		M	
WALLOPS ISLAND NASA TEST FACIL	24	MAX MIN	82	87	86	88	90	85	82	66	66	69	72	69	69	71	70	73	75	71	67	66	67	72	58	58	59	62	65	69	68	67	75		71.7		
WARSAW 2 NW	18	MAX MIN	52	65	63	65	68	68	63	58	62	64	67	66	65	57	56	62	62	52	51	45	43	54	46	42	38	33	42	41	47	50	56		54.9		
WEST POINT 2 NW	17	MAX MIN	82	85	85					61	61	66	67																					72	72	M	
WILLIAMSBURG 2 N	24	MAX MIN	81	85	85	89	85		83	64	63	64	65	69	68	73	65	75	78	70	65	63	67	68	60	56	56	59	65	66	69	69	72		69.9		
EASTERN PIEDMONT 02 AMELIA COURTHOUSE 1	08	MAX	51	57	59	63	64		62	59	58	59	60	64	63	58	55	62	60	54	53	43	41	49	46	39	33	31	31	40	48	48	53		52.1		
								89	75						65	64	65														64	66				M	

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STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FREE UNION	08	MAX	74	80	83	80	85	86	84	70	66	58	57	65	62	60	67	69	70	70	68	61	94 ^S	67	69	58	53	56	57	62	66	66	70	68.0
		MIN	46	52	52	55	57	58	59	43	43	47	51	55	58	56	46	46	55	46	43	38	34	34	41	39	29	26	26	32	32	38	48	44.7
LYNCHBURG INTL AP	24	MAX	84	85	85	89	88	85	73	67	63	64	71	66	65	67	71	71	69	68	61	64	66	70	58	52	53	56	63	67	68	70	69.3	
		MIN	52	51	56	56	57	59	54	47	52	51	59	60	58	50	47	58	58	41	46	37	39	46	36	30	27	24	33	36	50	51	51	47.5
MARTINSVILLE FLTR PLT	07	MAX	76	81	83	84	86	87	83	73	67	67	69	74	68	66	69	71	74	67	69	69	64	67	70	60	55	52	57	67	69	69	75	70.6
		MIN	47	49	49	53	56	56	56	47	46	51	53	60	60	58	46	46	57	44	43	37	33	33	47	31	29	24	23	32	38	50	50	45.3
MEADOWS OF DAN 5 SW	07	MAX																																M
		MIN																																M
MONTEBELLO FISH CULTURAL STN	07	MAX	68	76	78	73	78	72	80	80			58	60				67	65	63	62	57			62	48	49	48	49	56	60		62	64.0
		MIN	42	49	48	49	48	47	51	38			44	44				57	41	40	32	31			32	31	27	20	20	31	31		44	39.0
MONTICELLO	08	MAX	71	77	79	79	81	83	83	70	62	56	62	60	61	59	63	66	69	70	63	59	59	64	67	67	51	51	53	59	62	63	66	65.6
		MIN	52	50	60	60	63	62	67	49	49	50	48	54	57	55	51	50	58	49	46	43	39	42	42	39	35	32	32	40	39	44	44	48.4
ROCKY MT	07	MAX	76	81	82	82	85	86	82	68	66	67	68	73	68	64	69	69	71	67	67	60	63	67	66	59	50	51	57	67	64	68	73	68.9
		MIN	49	49	52	52	56	57	57	50	47	50	52	59	59	57	48	48	53	50	49	39	33	33	49	35	29	25	25	35	39	52	52	46.5
SOUTH BOSTON	07	MAX	76	83	85	86	88	90	85	75	64	64	60	69	67	67	64	72	72	70	70	59	63	68	70	65	58	56	58	68	69	72	74	70.5
		MIN	48	51	53	56	58	59	60	54	53	53	57	60	59	47	46	59	52	49	46	35	35	50	35	35	27	27	27	37	51	51	47.8	
STUART	07	MAX	76	80	83	83	89	86	82	77	68	69	70	72	68	67	71	71	72	66	68	60	65	68	72	63	56	51	56	68	68	70	74	70.6
		MIN	50	53	53	57	58	57	61	50	49	52	55	58	60	58	52	52	52	46	44	38	37	37	47	30	30	27	30	37	46	52	52	47.7
TYE RIVER 1 SE	07	MAX	76	82	85	82	85	86	85	73	65	60	62	70	65	65	68	70	72	70	70	60	65	70	70	60	55	60	60	68	69	70	69	69.9
		MIN	48	53	54	58	59	59	59	46	47	52	55	58	60	57	47	48	56	45	44	39	34	35	41	34	33	24	25	33	34	47	48	46.2
NORTHERN 04																																		
BOSTON 4 SE	07	MAX	73	80	82	80	85	86	86	69	68	57	59	60	62	59	67	68	70	73	73	72	62	66	65	56	52	53	56	61	63	62	66	67.5
		MIN	44	51	51	49	59	59	59	46	46	50	0 ^G	56	58	54	46	53	57	44	40	36	33	40	40	32	27	26	35	32	34	0 ^G	49	45.0
EDINBURG	07	MAX	76	81	84	83	84	86	86	69	65	57	54	59	61	58	63	67	70	72	66	62	60	67	64	51	49	51	54	61	63	63	69	66.3
		MIN	45	52	53	52	56	56	58	42	41	42	48	53	55	54	49	46	46	46	39	36	32	32	34	34	28	25	25	29	29	30	45	42.3
FRONT ROYAL	07	MAX	75	80	83	82	85	87	86	71	66	57	57	58	60	57	66	69	69	73	65	63	61	66	63	52	49	51	55	60	63	62	70	66.5
		MIN	47	47	57	58	60	62	62	46	45	46	46	52	55	54	48	46	53	52	42	42	39	38	41	40	34	31	29	29	37	51	45.7	
LINCOLN	07	MAX	76	81	85	84	86	88	89	70	66	59	57	61	64	59	67	70	71	75	64	63	61	68	62	54	49	52	56	58	62	60	66	67.2
		MIN	43	51	52	53	55	58	59	43	44	49	51	55	51	45	45	45	46	53	38	31	31	33	40	37	34	24	25	30	30	32	45	42.8
LURAY 5 E	08	MAX	76	80	82	77	84	85	86	67	65	57	53	59	61	59	67	68	71	72	72	62	61	68	64	54	50	51	56	60	64	64	70	66.6
		MIN	50	52	54	56	58	59	63	42	44	45	51	51	55	54	45	46	57	43	41	34	35	36	40	33	27	25	31	33	36	36	50	44.6
MADISON	08	MAX	75	79	83	80	87	86	85	71	67	59	61	63	63	61	69	70	71	73	67	63	65	67	70	59	55	57	56	64	63	65	69	68.5
		MIN	50	53	55	58	59	62	63	46	47	52	55	58	59	57	49	49	59	48	45	40	38	39	43	40	34	32	32	38	38	41	51	48.1
MANASSAS	07	MAX	76	83	86	82	88	88	88	75	68	61	57	62	66	60	69	72	72	76	68	65	62	68	65	57	51	54	58	60	64	63	65	68.7
		MIN	56	56	57	59	59	64	70	47	47	51	52	56	59	53	48	48	60	50	45	44	38		44	38	30	29	30	35	36	39	52	48.4
MT WEATHER	07	MAX	72	78	80	79	82	84	84	66	64	55	52	58	59	55	65	67	66	73	62	57	58	64	58	49	46	48	52	56	59	59	65	63.6
		MIN	53	60	63	64	65	67	65	47	48	47	47	47	54	50	50	52	55	47	48	39	41	46	42	36	33	33	33	40	41	43	49	48.5
PIEDMONT RSCH STN	08	MAX	74	81	82	80	85	86	85	72	65	58	57	61	62	60	67	69	70	73	66	60	62	66	69	57	51	53	54	61	63	64	69	67.2
		MIN	52	57	59	58	59	61	63	48	52	50	51	56	57	55	49	51	58	46	44	40	35	37	42	35	32	26	27	36	39	44	49	47.4
SOMERSET	07	MAX	76	82	83	83	87	87	86	72	66	58	60	64	63	60	68	70	71	73	68	63	64	67	70	57	54	57	56	62	64	65	69	68.5
		MIN	48	52	55	56	59	59	63	44	45	51	53	57	58	55	45	46	56	46	42	36	35	35	42	34	30	27	28	32	32	36	48	45.3
SPERRYVILLE	06	MAX	75			81	90	90		68	65	58	58	60	62	59	68	69	69	73	66	61	63	65	64	52	49	55	56	62	65	68	65.5	

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DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STERLING RCS	07	MIN	45			54	57	61		50	48	49	53	56	58	55	49	49	56	49	44	40	37	37	38	37	34	28	28	35	31	39	48	45.2
		MAX	76	82	86		88	89	89	89	73	68	61	57	62	66	66	68	70	71	77	65	64	62	68	64	57	50	53	55	59	63	62	65
VIENNA	07	MIN	47	53	53		58	62	62	45	48	51	51	55	58	51	46	46	46	58	44	42	36	36	43	34	27	27	26	32	33	38	49	45.2
		MAX	72	77	80	79	84	84	83	70	64	58	54	59	63	60	67	68	68	72	62	62	64	64	60	54	48	51	53	57	61	62	62	65.2
WASHGTN DULLES INTL AP	24	MIN	47	54	54	57	58	62	64	46	45	48	49	54	55	50	47	48	58	48	44	43	38	40	43	35	32	29	29	33	33	37	47	46.0
		MAX	83	86	83	90	90	89	74	69	61	57	62	67	62	71	72	71	76	66	65	63	67	65	58	52	54	56	61	65	64	66	70	68.9
WASHINGTON REAGAN AP	24	MIN	53	53	55	57	62	63	53	46	51	52	56	60	56	52	48	60	59	45	43	42	36	46	42	34	29	29	35	34	38	45	53	48.0
		MAX	85	88	86	90	89	91	78	69	63	60	64	69	66	71	74	73	77	69	67	66	68	61	54	57	57	63	66	65	64	68	70	68.0
WINCHESTER	07	MIN	59	63	65	66	69	69	57	54	57	55	59	62	59	57	54	63	63	53	53	49	46	42	38	35	43	43	44	53	56	54	54.3	
		MAX	78	80	85	85	85	88	87	70	67	59	54	59	62	57	65	69	69	74	65	61	61	67	61	48	48	49	55	58	61	59	67	66.2
WINCHESTER 7 SE	08	MIN	46	56	56	58	60	62	63	46	46	48	50	53	54	52	48	49	50	50	42	40	36	36	37	37	33	29	32	33	33	36	46	45.7
		MAX	79	83	86	83	88		88	71	69	60	54	60	62	59	68	71	70	74	68	62	63	68	62	51	48	52	55	61	63	63	70	67.0
WOODSTOCK 2 NE	07	MIN									42		43	50	46	56	53	46	46	48	45	39	36	34	34								M	
		MAX	78	80	84	83	85	87	88	68	67	58	54	59	61	58	66	68	57	72			61	62	70	64	51	49	51	55	60	63	64	69
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT	07	MIN	46	53	53	53	59	60	60	43	43	43	50	53	56	54	49	49	48	48			35	31	34	35	35	27	26	30	29	32	47	43.6
		MAX	74	78	82	81	85	84	85	69	68	65	67	69	67	69	70	70	69	68	68	63	64	69	61	53	53	53	59	64	64	69	64	68.5
DALE ENTERPRISE	07	MIN	51	52	53	53	53	58	58	42	38	43	49	56	57	57	51	48	48	50	43	39	31	32	41	35	26	23	23	32	32	50	52	44.4
		MAX	76	81	83	82	83	86	83	70	63	57	56	62	63	60	63	68	70	67	65	62	60	66	66	53	48	52	50	62	64	64	68	66.2
GATHRIGHT DAM	07	MIN	46	49	50	54	54	56	42	44	45	49	53	55	54	49	46	48	44	39	37	34	34	38	35	24	22	36	30	31	35	49	43.1	
		MAX	71	74	76	76	78	79	77	62	63	62	67	66	68	66	69	66	66	65	64	60	57	64	58	49	43	42	52	58	59	64	59	63.9
HOT SPRINGS	07	MIN	50	51	50	54	54	57	57	41	41	44	49	55	56	56	50	48	48	46	42	35	34	33	38	36	27	24	24	32	32	44	51	43.8
		MAX	72	74	76	77	79	80	78	64	63	61	67	67	66	64	69	68	67	65	63	59	56	64	59	48	42	44	52	58	61	64	59	64.1
LEXINGTON	07	MIN	49	49	49	53	53	55	55	40	40	44	44	44	55	55	46	46	47	42	40	36	33	33	37	35	27	22	22	33	33	42	51	42.3
		MAX	77	81	83	79	85	87	83	69	69	62	61	69	69	67	67	69	70	67	66	62	64	67	66		49	50	57	63	64	67	67	68.5
MILLGAP	07	MIN	47	49	49	54	56	57	57	43	43	49	51	56	59	57	52	52	55	44	42	43	32	32	41	36	25	22	22	31	46	52	45.1	
		MAX	71	72	78	75	78	80	77	62	66	62	64	66	67	64	70	67	65	62	63	58	57	64	55	45	38	43	51	55	62	64	57	63.2
MUSTOE 1 SW	24	MIN	43	45	45	45	49	52	52	34	33	37	46	52	55	54	52	41	43	44	32	36	24	24	26	29	26	14	13	24	23	31	46	37.7
		MAX	71	75	75	77	78	77	65	62	59	59	63	63	61	67	66	63	60	62	57	56	62	54	46	40	42	50	54	60	63	59	63	61.6
ROANOKE 8 N	07	MIN	41	41	45	47	49	48	43	35	37	44	50	54	44	53	46	41	49	36	33	30	26	31	28	27	21	15	29	25	32	44	50	38.5
		MAX	77	81	82	81	85	87	85	68	68	66	67	73	69	67	69	70	71	67	67	61	64	68	66	58	49	50	59	66	65	69	73	69.3
ROANOKE INTL AP	24	MIN	52	53	54	57	58	60	59	49	49	50	51	59	59	58	51	50	51	47	47	42	37	37	45	37	33	27	27	38	40	52	53	47.8
		MAX	81	83	81	86	86	84	71	69	67	67	74	68	67	69	69	71	67	67	60	63	66	65	59	49	50	59	66	64	69	72	70	69.0
STAUNTON WATER TRMTMT PLT	08	MIN	56	56	57	59	60	59	51	47	47	51	59	59	59	57	51	51	56	48	47	39	36	48	42	33	31	27	42	38	51	53	56	49.2
		MAX	77	77	81	81	84	84	81	68	66	58	56	60	61	58	60	67	66	67	65	61	60	65	65	55	45	50	53	61	64	66	67	65.5
WAYNESBORO WTP	07	MIN	50	56	56	56	58	61	60	41	41	47	48	52	52	54	51	50	56	44	42	36	37	41	39	35	29	28	29	34	40	40	51	45.6
		MAX	76	79	82	80	84	86	82	70	65	56	56	60	62	60	66	66	68	69	65	63	60	65	66	54	48	50	50	61	65	65	66	66.0
SOUTHWESTERN MOUNTAIN 06 ABINGDON 3S	22	MIN	46	51	50	54	54	58	58	42	42	45	49	53	56	55	51	52	55	47	42	37	35	35	42	38	27	25	25	32	39	51	44.2	
		MAX	73	74	77	76	80	83	82	66	67	70	68	73	69	72	72	73	66	64	62	60	61	65	61	50	47		53	62	60	68	71	67.5
		MIN	52	50	55	54	54	55	54	41	42	40	41	52	57	53	50	50	50	40	41	33	33	36	46	29	30		25	46	51	52	53	45.5

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DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE		
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BIG STONE GAP	08	MAX	76	77	83	81	82	83	82	70	74	77	76	78	74	75	77	75	67	64	64	64	65	67	54	48	50	46	53	64	62	67	71	69.2		
		MIN	53	53	53	57	57	57	54	46	45	44	45	46	52	56	54	54	60	44	44	35	35	35	44	31	31	25	24	30	49	49	49	45.5		
BLACKSBURG NWSO	07	MAX	68	76	78	77	82	81	79	61	64	64	65	67	65	64	64	67	65	63	60	59	66	61	50	42	43	54	61	54	63	67	64.4			
		MIN	47	47	47	52	52	54	54	40	39	40	46	54	56	55	48	46	46	42	40	34	32	31	38	33	30	20	21	34	36	46	50	42.3		
BURKES GARDEN	07	MAX	63	67	71	74	74	78	74	60	59	62	60	65	62	62	61	65	62	61	57	56	54	60	55	47	39	32	47	55	53	61	61	59.9		
		MIN	46	40	40	48	46	49	54	37	34	31	37	47	54	54	43	43	41	38	36	32	25	25	39	30	28	13	13	32	47	47	49	38.6		
CHRISTIANSBURG	07	MAX	71	76	77	75	80	81	78	61	64	64	66	66	63	63	63	68	65	65	60	60	58	63	60	52	42	53	59	55	63	66	63.8			
		MIN	48	50	51	54	55	56	60	42	41	41	46	55	56	55	49	48	47	43	41	35	34	34	41	34	31	22	22	37	40	48	51	44.1		
CLINTWOOD 1 W	07	MAX	67	72	77	77	78	80	80	63	66	71	67	71	68	70	72	72	67	69	61	62	57	65	49	44	45	40	53	63	57	64	65	64.9		
		MIN	51	51	51	53	54	52	53	38	38	39	41	41	54	54	52	52	55	43	41	32	30	30	38	30	29	20	20	35	40	51	52	42.6		
COPPER HILL	07	MAX				72	75	76	73	73	58	59	59	64	62	59	60	61	64	62	58	58	56	59	58	49	39	39	51	57	55	60	64	60.0		
		MIN				46	55	55	60	42	42	44	44	44	53	53	47	47	47	41	41	34	33	41	43	30	29	23	23	37	41	47	50	42.6		
GALAX RADIO WBRF	07	MAX	69	76	77	75	80	79	75	62	65	67	62	70	67	64	66	66	67	64	65	61	62	63	63	50	43	41	51	63	58	64	68	64.6		
		MIN	48	46	50	51	51	52	57	39	35	41	47	51	57	56	45	43	52	39	44	33	30	44	38	32	27	21	35	37	41	46	52	43.2		
GALAX WTP	07	MAX	69	74	76	75	79	80	74	62	64	64	62	69	64	64	65	66	67	63	63	60	60	62	64	52	44	39	52	61	65	70	64.3			
		MIN	46	46	46	50	50	51	51	42	37	36	44	44	57	56	44	43	43	43	41	35	31	31	40	34	31	20	20	33	43	51	41.3			
GRUNDY	07	MAX	71	75	76	79	77	82	82	66	70	71	67	73	67	70	71	72					68	60	67	48	48	45	42	54	64	55	64	62	65.9	
		MIN	59	56	57	59	60	60	55	45	44	42	44	48	57	54	54	53					40	35	36	43	35	34	29	29	38	43	52	53	46.9	
JOHN FLANNAGAN LAKE	07	MAX	73	77	80	82			84		69	75	69							67	68			62	62		47	47	43	40	53	52	56	61	67	M
		MIN	56	54	54	58			53		42	44	45							54	46			37	36		43	32	32	26	26	35	42	52	53	M
LEBANON	07	MAX	70	75	79	77	81	83	81	66	67	68	68	73	67	68	73	73	65	67	62	61	61	65	56	48	45	38	51	62	60	65	68	65.9		
		MIN	50	48	48	52	52	52	52	37	37	36	37	43	55	51	48	48	49	39	38	32	29	30	42	30	30	20	20	31	47	51	50	41.4		
NORA 4 SSE	07	MAX	67	71	75	74	76	77	75	62	63	68	66	69	64	65	67	67	61	61	58	55	56	61	50	42	39	35	47	60	54	60	64	61.6		
		MIN	55	57	59	61	61	63	49	41	42	47	50	50	55	55	52	53	54	41	41	36	36	45	41	31	26	28	29	41	47	50	51	46.7		
NORTH FORK LAKE	08	MAX	75	76	80	80			83	65	69	74	71										63	66	49					64	58	65	70	M		
		MIN	52	51	52	57			52	42	39	42	42				44	54	56					34	33	42				24	49	52	53	M		
PULASKI 2 E	07	MAX	71	76	79	78	79	80	84	65	65	66	66	71	66	66	67	69	68	63	68	61	61	67	67	55	55	41	56	64	56	65	67	66.5		
		MIN	49	52	51	52	53	55	55	41	37	36	38	57	57	57	48	47	46	43	40	41	32	31	31	36	31	23	22	36	39	52	42.9			
RADFORD 3 N	07	MAX	73	76	78	79	80	83	79	64	64	65	68	68	65	64	63	69	68	66	63	61	60	67	64	54	42	40	55	62	53	64	65	65.2		
		MIN	53	47	50	53	56	53	56	41	38	39	47	56	58	51	49	47	48	45	43	39	30	32	42	35	32	19	22	34	36	50	51	43.6		
RICHLANDS	07	MAX	70	75	78	77	76	79	75	64	68	65	72	72	66	70	74	73	66	67	60	58	55	66	56	50	41	35	52	64	58	65	63	64.8		
		MIN	52	50	50	54	48	49	50	40	39	33	38	46	57	52	49	47	48	43	38	35	28	31	40	32	29	21	23	38	44	51	51	42.1		
SALTVILLE 1N	07	MAX	73	75	79	78	81	83		67	69	71	69	74		71	73	67	63	64	58	63	66	61	53	47	42	53	63	59	67	66	66.5			
		MIN	53	52	52	55	55	56		39	40	37	38	47		56	48	47	40	40	32	31	31	42	32	33	23	23	35	44	51	51	42.4			
STAFFORDSVILLE 3 ENE	07	MAX	71	75	77	77	79	80	74	64	64	65	64	67	67	64	68	67	67	66	63	62	57	66	60	51	44	41	55	62	50	63	65	64.4		
		MIN	50	49	50	52	55	53	53	42	39	39	44	55	56	58	47	48	47	46	43	39	30	30	39	36	32	21	20	32	33	48	51	43.1		
WISE 3E	17	MAX	71	76	77	77	79	76	74	66	70	67	70	70	68	70	69	67	62	60	57	58	62	60	46	40	36	49	60	61	61	65	65	64.2		
		MIN	47	51	55	54	54	60	49	40	40	40	50	42	52	59	51	55	51	37	42	29	35	45	35	28	26	21	37	46	50	52	58	44.9		

VIRGINIA
201310

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH																															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
VIRGINIA																																	
TIDEWATER 01																																	
DISPUTANTA	SNOWFALL																																
EASTVILLE	SNOWFALL																																
EMPORIA 1 WNW	SNOWFALL																																
FREDERICKSBURG SEWAGE	SNOWFALL																																
HOLLAND 1 E	SNOWFALL																																
HOPEWELL	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORFOLK INTL AP	SNOWFALL																																
	SN ON GND																																
NORFOLK SOUTH	SNOWFALL																																
NORTH	SNOWFALL																																
PAINTER 2W	SNOWFALL																																
STONY CREEK 2 N	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUFFOLK LAKE KILBY	SNOWFALL																																
	SN ON GND																																
WAKEFIELD 1NW	SNOWFALL																																
	SN ON GND																																
WALKERTON 2 NW	SNOWFALL																																
WALLACETON LK DRUMMOND	SNOWFALL																																
WALLOPS ISLAND NASA TEST FACIL	SNOWFALL																																
	SN ON GND																																
WARSAW 2 NW	SNOWFALL																																
WEST POINT 2 NW	SNOWFALL				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSBURG 2 N	SNOWFALL																																
CENTRAL MOUNTAIN 05																																	
MTN GROVE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUSTOE 1 SW	SNOWFALL				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW CASTLE	SNOWFALL																																
ROANOKE 8 N	SNOWFALL																																
	SN ON GND																																
ROANOKE INTL AP	SNOWFALL																																
	SN ON GND																																
STAUNTON WATER TRMTMT PLT	SNOWFALL																																
	SN ON GND																																
WAYNESBORO WTP	SNOWFALL																																
	SN ON GND																																

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid-Mid (LST).

Snow on ground: Includes snow, sleet, ice, and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT)

VIRGINIA
201310

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH																																					
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
SOUTHWESTERN MOUNTAIN 06	WTR EQUIV																																						
	BLACKSBURG NWSO																																						
BURKES GARDEN	SNOWFALL																																						
	SN ON GND																																						
CHRISTIANSBURG	SNOWFALL																																						
	SN ON GND																																						
CLINTWOOD 1 W	SNOWFALL																																						
	SN ON GND																																						
COPPER HILL	SNOWFALL																																						
	SN ON GND																																						
GALAX RADIO WBRF	SNOWFALL																																						
	SN ON GND																																						
GALAX WTP	SNOWFALL	-	-	-	-																																		
	SN ON GND	-	-	-	-																																		
GRUNDY	SNOWFALL																																						
	SN ON GND																																						
JOHN FLANNAGAN LAKE	SNOWFALL																																						
	SN ON GND																																						
LAFAYETTE 1 NE	SNOWFALL	-	-	-	-	-	-																																
	SN ON GND	-	-	-	-	-	-																																
LEBANON	SNOWFALL																																						
	SN ON GND																																						
NORA 4 SSE	SNOWFALL																																						
	SN ON GND																																						
NORTH FORK LAKE	SNOWFALL																																						
	SN ON GND																																						
PULASKI 2 E	SNOWFALL	-																																					
	SN ON GND	-																																					
RADFORD 3 N	SNOWFALL																																						
	SN ON GND																																						
RICHLANDS	SNOWFALL	-																																					
	SN ON GND	-																																					
SALTVILLE 1N	SNOWFALL																																						
	SN ON GND																																						
STAFFORDSVILLE 3 ENE	SNOWFALL	-	-	-	-	-	-																																
	SN ON GND	-	-	-	-	-	-																																
WILLIS WISE 3E	SNOWFALL																																						
	SN ON GND																																						

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid-Mid (LST).

Snow on ground: Includes snow, sleet, ice, and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT)

VIRGINIA
201310

PAN EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVERAGE		
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
VIRGINIA EASTERN PIEDMONT 02 JOHN H KERR DAM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M

Evaporation: Is measured in hundreths of inches.

Wind: Is measured in miles.

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES			
							LOCAL STD TIME			
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)
VIRGINIA										
ABINGDON 3S	0021	06	WASHINGTON	36 40	81 58W	1920	22	22		H
ALBERTA 5N	0079	02	BRUNSWICK	36 56	77 54W	376		08		H
ALTAVISTA	0166	03	CAMPBELL	37 7	79 17W	529		07		CH
AMELIA COURTHOUSE 1	0187	02	AMELIA	37 21	77 59W	345	08	08		H
APPOMATTOX	0243	03	APPOMATTOX	37 20	78 50W	850	07	07		H
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	18	18		H
BEDFORD 4 NW	0561	03	BEDFORD	37 23	79 34W	1228		07		CH
BIG STONE GAP	0735	06	WISE	36 52	82 46W	1464	08	08		H
BLACKSBURG NWSO	0766	06	MONTGOMERY	37 12	80 25W	2100	07	07		CH
BOSTON 4 SE	0860	04	CULPEPER	38 33	78 6W	590	07	07		H
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225		24		CH
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	408	07	07		H
BUCHANAN	1121	05	BOTETOURT	37 31	79 41W	880		07		H
BUCKINGHAM	1136	02	BUCKINGHAM	37 30	78 32W	552		07		H
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 22W	840		07		H
BURKES GARDEN	1209	06	TAZEWELL	37 6	81 20W	3068	07	07		H
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	08	08		CH
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	37 3	78 39W	569	07	07		H
CHARLOTTESVILLE 2W	1593	03	ALBEMARLE	38 2	78 31W	866	08	08		H
CHASE CITY	1606	02	MECKLENBURG	36 47	78 29W	510	17	17		H
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 25W	651	07	07		CH
CHRISTIANSBURG	1692	06	MONTGOMERY	37 8	80 24W	2100	07	07		H
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 33W	330	07	07		H
CLINTWOOD 1 W	1825	06	DICKENSON	37 9	82 29W	1780	07	07		H
CONCORD 4 SSW	1955	03	CAMPBELL	37 17	78 58W	815		07		H
COPPER HILL	1999	06	FLOYD	37 5	80 9W	2690	07	07		H
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	09	09		H
COVINGTON FLTR PLT	2044	05	ALLEGHANY	37 49	79 59W	1230	07	07		H
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 3	79 23W	1758		07		H
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	07	07		H
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1358	07	07		H
DANVILLE REGIONAL AP R	2250	03	PITTSYLVANIA	36 34	79 20W	571	24	24		H
DISPUTANTA	2400	01	PRINCE GEORGE	37 7	77 12W	15	07	07		H
EASTVILLE	2635	01	NORTHAMPTON	37 23	75 58W	10	07	07		H
EDINBURG	2663	04	SHENANDOAH	38 48	78 35W	928	07	07		H
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 42	77 34W	100	08	08		H
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	07	07		H
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBURG	38 17	77 27W	15	07	07		H
FREE UNION	3213	03	ALBEMARLE	38 5	78 35W	590	08	07		H
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	07	07		H
GALAX RADIO WBRF	3267	06	CARROLL	36 40	80 55W	2385	07	07		H
GALAX WTP	3272	06	CARROLL	36 39	80 55W	2360	07	07		CH
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	07	07		CH
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	737		07		H
GREENBAY 3 NE	3565	02	PRINCE EDWARD	37 11	78 17W	500	09	09		H
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	07	07		H
HOLCOMB ROCK	4039	03	BEDFORD	37 33	79 24W	620		07		H
HOLLAND 1 E	4044	01	SUFFOLK	36 41	76 46W	80	08	08		H
HOPEWELL	4101	01	PRINCE GEORGE	37 18	77 17W	40	16	16		H
HOT SPRINGS	4128	05	BATH	37 60	79 50W	2236	07	07		H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	898		07		H
JOHN FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1460	07	07		H
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 18W	250	08	08	08	CH
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 12W	1320		07		H
LEBANON	4777	06	RUSSELL	36 54	82 2W	1912	07	07		H
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1097	07	07		H
LINCOLN	4909	04	LOUDOUN	39 5	77 42W	500	07	07		H
LOUISA	5050	02	LOUISA	38 3	78 0W	420	18	18		H
LURAY 5 E	5096	04	PAGE	38 40	78 22W	1400	08	08		H
LYNCHBURG INTL AP R	5120	03	CAMPBELL	37 19	79 12W	940	24	24		HJ
MADISON	5150	04	MADISON	38 22	78 15W	577	08	08		H
MANASSAS	5204	04	MANASSAS	38 44	77 30W	245	07	07		H
MARTINSVILLE FLTR PLT	5300	03	HENRY	36 42	79 52W	760	07	07		H
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	2225	07	07		H
MILLGAP	5595	05	HIGHLAND	38 18	79 43W	2421	07	07		CH

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES			
							LOCAL STD TIME			
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)
MONTEBELLO FISH CULTURAL STN	5690	03	NELSON	37 51	79 8W	2667	07	07		H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	758	08	08		H
MT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1659	07	07		H
MTN GROVE	5756	05	BATH	38 6	79 53W	1775		07		H
MUSTOE 1 SW	5880	05	HIGHLAND	38 20	79 40W	2380	24	24		H
NEW CASTLE	6012	05	CRAIG	37 18	80 3W	1258		07		H
NORA 4 SSE	6125	06	DICKENSON	37 1	82 19W	2650	07	07		H
NORFOLK INTL AP R	6139	01	NORFOLK (CITY)	36 54	76 12W	30	24	24		HJ
NORFOLK SOUTH	6147	01	NORFOLK (CITY)	36 52	76 14W	100	24	24		H
NORTH	6161	01	MATHEWS	37 26	76 26W	10	07	07		H
NORTH FORK LAKE	6173	06	WISE	37 7	82 38W	1675	08	08		H
PAINTER 2W	6475	01	ACCOMACK	37 35	75 49W	30	16	16		CH
PALMYRA 3S	6491	02	FLUVANNA	37 49	78 16W	410	06	06		H
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1024		07		H
PETERSBURG	6656	02	PETERSBURG	37 14	77 24W	15	08	08		H
PIEDMONT RSCH STN	6712	04	ORANGE	38 14	78 7W	520	08	08		CH
PULASKI 2 E	6955	06	PULASKI	37 3	80 47W	1850	07	07		CH
RADFORD 3 N	6999	06	PULASKI	37 12	80 35W	1800	07	07		H
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	07	07		H
RICHMOND INTL AP R	7201	02	HENRICO	37 30	77 19W	164	24	24		HJ
ROANOKE 8 N	7278	05	ROANOKE	37 22	79 58W	1190	07	07		H
ROANOKE INTL AP R	7285	05	ROANOKE	37 19	79 58W	1175	24	24		HJ
ROCKY MT	7338	03	FRANKLIN	36 59	79 54W	1315	07	07		CH
SALTVILLE 1N	7506	06	SMYTH	36 53	81 46W	1733	07	07		H
SANDSTON	7541	02	HENRICO	37 33	77 17W	165	07	07		H
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	07	07		H
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53W	329	07	07		H
SPERRYVILLE	7985	04	RAPPAHANNOCK	38 39	78 14W	750	06	06		H
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43W	1950	07	07		CH
STAUNTON WATER TRMTMT PLT	8062	05	AUGUSTA	38 10	79 5W	169	08	08		H
STERLING RCS	8084	04	LOUDOUN	38 59	77 29W	288	07	07		H
STONY CREEK 2 N	8129	01	SUSSEX	36 58	77 24W	105	08	08		H
STUART	8170	03	PATRICK	36 38	80 15W	1375	07	07		H
SUFFOLK LAKE KILBY	8192	01	SUFFOLK	36 44	76 36W	22	24	24		H
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56W	720	07	07		H
VIENNA	8737	04	FAIRFAX	38 54	77 16W	418	07	07		H
WAKEFIELD 1NW	8800	01	SUSSEX	36 59	77 0W	113	24	24		CH
WALKERTON 2 NW	8829	01	KING AND QUEEN	37 45	77 2W	50	18	18		H
WALLACETON LK DRUMMOND	8837	01	CHESAPEAKE	36 36	76 26W	20	08	08		H
WALLOPS ISLAND NASA TEST FACIL R	8849	01	ACCOMACK	37 56	75 28W	46	24	24		HJ
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 47W	140	18	18		H
WASHGTN DULLES INTL AP R	8903	04	LOUDOUN	38 56	77 28W	290	24	24		HJ
WASHINGTON REAGAN AP R	8906	04	ARLINGTON	38 51	77 2W	10	24	24		HJ
WAYNESBORO WTP	8941	05	WAYNESBORO	38 5	78 53W	1270	07	07		H
WEST POINT 2 NW	9025	01	KING WILLIAM	37 34	76 48W	20	17	17		H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	24	24		CH
WILLIS	9169	06	FLOYD	36 55	80 30W	2810		07		CH
WINCHESTER	9181	04	FREDERICK	39 11	78 9W	720	07	07		H
WINCHESTER 7 SE	9186	04	FREDERICK	39 11	78 7W	680	08	08		H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 19	77 39W	300		07		H
WISE 3E	9215	06	WISE	36 60	82 32W	2549	17	17		CH
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28W	675	07	07		H
WOOLWINE	9272	03	PATRICK	36 47	80 17W	1500		07		CH

REFERENCE NOTES

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record temperature and/or precipitation. Station Precipitation totals flagged with an 'F' or 'M' are excluded from the Divisional Average calculations of precipitation. Stations with monthly Temperature averages flagged with an 'F' or 'M' are included in the Divisional Average if there are no more than 9 flagged or missing daily values in the month, else they are excluded from the divisional average for temperature.

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2012, the averaging period is 1981 to 2010. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

PRECIPITATION QUALITY CONTROL: The NCDC quality control process may flag precipitation data that are spatially inconsistent, exceed climatological limits, or are inconsistent with prevailing weather patterns.

TEMPERATURE: Original temperature values are given in the "Daily Temperature" table. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.

G Observations appear in the "Soil Temperatures" table.

H Observations appear in the "Snowfall and Snow on the Ground" table.

J Station also published as a Local Climatological Data publication.

VAR Observation time varies.

SR Observation time near sunrise.

SS Observation time near sunset.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.

BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record

- No record. Data not recorded or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

* Rain gage not read. Precipitation is included in the amount following the asterisks.

Time distribution may not be known. A * preceding the monthly total indicates precipitation amount is being carried forward to next month's total, and may include amounts from the previous month(s).

a As a subscript, indicates accumulated total.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Divisional Departure from normals are computed using 1971-2000 normals.

E Normalized HDD/CDD Calculation. E is appended to the HDD/CDD Calculation when 1-9 individual daily TMAX and/or TMIN values are missing and a Normalized HDD/CDD Calculation is provided. M appears alone if 10 or more daily values are missing.

F Monthly calculation flagged value. F is appended to average and/or total values computed which exclude one or more daily data values that have been flagged by the GHCN-Daily Dataset

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

N Indicates snow fall or Snowdepth totals are computed with one or more missing days.

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available digitally.

Effective with the January 2011 Data-Month, COOP Observer Names are no longer included in the Monthly and Annual Climatological Data Publications. This information is not published to ensure the privacy of personal information pursuant to Section 208 of the E-Government Act of 2002 (44 USC 3601).

As of the 2011 Data-Year, Station and Climate Division Maps are no longer being included in the CD Publications. NCDC's Product Development Branch provides updated Station Maps for various data networks via the Historical Observing Metadata Repository: <http://www.ncdc.noaa.gov/homr>.

The GHCN-Daily Quality Control Flags shown below are displayed as superscripts with the data. For more Information on Global Historical Climatology Network - Daily and flags, see: <http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/> and Comprehensive Automated Quality Assurance of Daily Surface Observations. Durre, Imke, Matthew J. Menne, Byron E. Gleason, Tamara G. Houston, Russell S. Vose, 2010: J. Appl. Meteor. Climatol., 49, 1615-1633. doi: 10.1175/2010JAMC2375.1

Blank = Passed All checks

D = failed duplicate check

G = failed gap check

I = failed internal consistency check

K = failed streak/frequent-value check

L = failed check on length of multiday period

M = failed megaconsistency check

N = failed naught check

O = failed climatological outlier check

R = failed lagged range check

S = failed spatial consistency check

T = failed temporal consistency check

W = temperature too warm for snow

X = failed bounds check

Z = flagged as a result of an official Datzilla investigation

Beginning with the January 2013 CD Publication, monthly mean temperature calculations have changed to the National Data Stewardship Team standard. Monthly maximum and minimum temperatures are not rounded until after the monthly mean temperature is calculated. This is the most accurate outcome, but may be slightly different from the mean derived from rounded monthly maximum and minimum.

Processing Updates and Errata: The 2011 CD Publications were reproduced in May 2013. This update included the addition of late reports and corrections based on additional investigations of reported data issues through NCDC's Datzilla system. In addition, divisional averages for precipitation were recalculated using the method described in DIVISIONS above. Previous editions of the 2011 Publications included all precipitation stations regardless of missing data in the calculation of divisional averages. HDD/CDD values were recalculated to match the legacy method of calculation (truncation of monthly HDD/CDD values instead of rounding).

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