



CLIMATOLOGICAL DATA

VIRGINIA

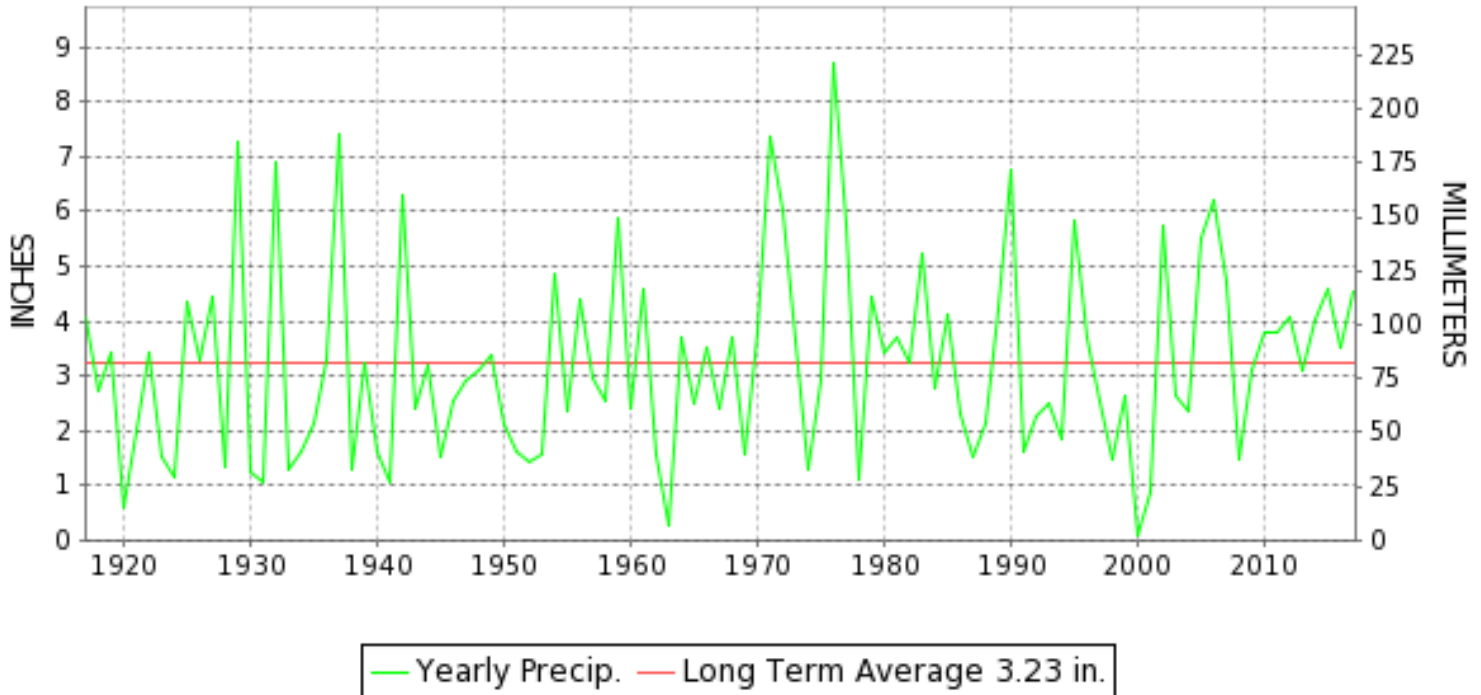
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OCTOBER PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

VIRGINIA

HIGHEST TEMPERATURE	90	OCTOBER 09+	4 STATIONS
LOWEST TEMPERATURE	23	OCTOBER 27+	2 STATIONS
GREATEST TOTAL PRECIPITATION	9.96		MEADOWS OF DAN 5 SW
LEAST TOTAL PRECIPITATION	1.17		VIENNA
GREATEST 1 DAY PRECIPITATION	4.15	OCTOBER 24	MEADOWS OF DAN 5 SW
GREATEST TOTAL SNOWFALL	0.6		NORA 4 SSE
GREATEST DEPTH OF SNOW OR ICE	T		3 STATIONS

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Asheville, North Carolina

VIRGINIA
201710

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										
RICHMOND INTL AP	74.5	52.6	63.6	3.9	86	10	37	27	122	85	0	0	0	0	4.95	1.97	1.91	11	0.0	0		10	7	2
WINTERPOCK 4 W															M 3.36		0.88	24	M			13	5	0
--DIVISIONAL DATA-----> WESTERN PIEDMONT 03			62.4	5.5B										3.87	0.02B									
ALTAVISTA														1.37		1.00	09	0.0	0			7	3	1
APPOMATTOX	72.5M	50.2	61.3M	4.5	84	10+	39	31+	166E	65E	0	0	0	0	3.05	-0.71	0.95	24	0.0	0		11	7	0
BEDFORD														4.73	1.12	1.40	24	0.0	0			9	8	2
BROOKNEAL	75.3M	46.3M	60.8M	9.3	85	07	31	27	169E	63E	0	0	1	0	3.49	-0.12	1.25	24	0.0	0		11	8	1
CHARLOTTESVILLE 2W	72.7	51.5	62.1	3.8	86	08+	39	30	150	70	0	0	0	0	4.18	0.44	2.06	30	0.0	0		12	8	1
CHATHAM	72.2	45.5	58.8	3.8	84	12	32	28+	228	44	0	0	2	0	3.28	-0.01	0.85	24	0.0	0		11	9	0
CONCORD 4 SSW														3.11		0.87	24	0.0	0			10	8	0
DANVILLE RGNL AP	74.1	48.8	61.5	2.0	87	11+	34	27+	167	64	0	0	0	0	2.92	-0.62	1.38	23	0.0	0		10	7	1
FREE UNION	72.5	46.8	59.7		84	11+	32	28+	202	45	0	0	2	0	A 3.74		1.68	30	M	0		3	3	1
HOLCOMB ROCK														5.45		1.58	11	0.0	0			8	7	3
HUDDLESTON 4 SW														2.67		1.04	24	0.0	0			9	6	1
LYNCHBURG INTL AP	72.5	47.8	60.1	3.9	86	09	33	27	199	55	0	0	0	0	2.57	-0.54	0.72	23	0.0	0		10	7	0
MARTINSVILLE FLTR PLT	72.8	45.2	59.0	3.2	85	10	33	31+	222	43	0	0	0	0	3.43	0.13	0.85	12	0.0	0		11	6	0
MEADOWS OF DAN 5 SW	71.5	47.3	59.4		83	11	34	31+	207	42	0	0	0	0	9.96		4.15	24	0.0	0		9	7	2
MONTEBELLO FISH CULTURAL STN	M	M	M		82	07+	29	27	339E	16E	0	0	4	0	M 6.98		2.73	09	M 0.0	0		8	7	2
MONTICELLO	M	M	M								0	0	0	0	M				M					
PEDLAR DAM														4.32		1.22	24	0.0	0			7	7	1
ROCKY MT	72.4	46.4	59.4	3.5	86	10	33	29+	224	59	0	0	0	0	3.22	0.04	0.94	24	0.0	0		10	7	0
S BOSTON	76.5	48.5	62.5	5.3	89	12	34	28+	151	78	0	0	0	0	2.70	-0.78	1.02	24	0.0	0		11	6	1
STUART	73.0	47.6	60.3	2.6	86	12	34	28+	188	52	0	0	0	0	5.20	1.88	1.83	24	0.0	0		12	7	2
WOOLWINE														7.48		2.37	24	0.0	0			11	8	3
--DIVISIONAL DATA-----> NORTHERN 04			60.4	4.1B										4.05	0.29B									
FRONT ROYAL	71.6	48.1M	59.8M	3.7	86	10	33	29+	203E	47E	0	0	0	0	A 2.29	-0.86	0.75	24	M 0.0	0		6	4	0
PURCELLVILLE	71.6	48.9	60.2	5.9	86	10	33	27	198	59	0	0	0	0	4.17		1.49	30	0.0	0		10	5	1
LURAY 5 E	73.1	46.9	60.0	3.5	88	05	31	27	211	66	0	0	1	0	4.01	0.98	2.26	30	0.0	0		8	5	1
MANASSAS	71.7M	49.8M	60.7M	4.3	84	11+	35	27	184E	60E	0	0	0	0	2.70		1.00	30	0.0	0		9	6	1
PIEDMONT RSCH STN	73.0M	51.2M	62.1M	5.4	86	10+	33	27	164E	80E	0	0	0	0	MA 2.29	-1.13	0.62	24	M 0.0	0		6	5	0
SOMERSET	72.7	47.5	60.1	4.4	87	11	31	27	199	58	0	0	1	0	5.02	1.47	2.80	30	0.0	0		12	6	1
SPERRYVILLE	75.5M	50.0M	62.8M	6.9	89	11	35	27	134E	73E	0	0	0	0	M 6.08	2.52	2.57	30	M 0.0	0		10	8	2
STERLING (RCS)	72.9	48.5	60.7	5.5	87	10	34	28+	189	63	0	0	0	0	3.37	-0.22	1.49	30	0.0	0		8	4	1
VIENNA	69.7M	48.6	59.2M	4.2	83	11	35	28+	214E	44E	0	0	0	0	1.17	-2.34	0.51	10	0.0	0		7	4	0
WASHINGTON DULLES INTL AP	72.9	49.3	61.1	5.1	87	10+	33	27	180	64	0	0	0	0	3.15	-0.10	1.03	29	0.0	0		8	5	1
WASHINGTON REAGAN NATL AP	73.6	56.2	64.9	5.4	86	10+	43	27	87	91	0	0	0	0	2.02	-1.38	0.97	29	0.0	0		9	4	0

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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										
WINCHESTER	73.3	48.1	60.7	6.1	89	08	34	28+	180	56	0	0	0	0	5.27	2.32	1.92	30	0.0	0		10	8	2
WINCHESTER 7 SE	72.7M	44.3M	58.5M	4.9	88	10	31	28+	218E	37E	0	0	3	0	4.89	1.95	1.95	30	0.0	0		9	5	2
WOODSTOCK 2 NE	73.8M	45.9M	59.9M	6.2	87	10+	31	28+	195E	44E	0	0	2	0	M 3.89	1.23	1.83	30	M 0.0	0		8	5	1
--DIVISIONAL DATA-----> CENTRAL MOUNTAIN 05			60.8	6.3B										3.46	-0.10B									
BUENA VISTA														3.48		1.30	24	0.0	0			8	6	1
COVINGTON FLTR PLT	70.3	44.3	57.3	1.2	84	12	30	28+	270	37	0	0	2	0	6.06	3.52	2.09	24	0.0	0		11	6	3
DALE ENTERPRISE	72.2M	44.9M	58.6M	5.2	90	08	32	28+	230E	37E	1	0	2	0	M 3.30	0.78	0.98	09	M 0.0	0		8	5	0
GATHRIGHT DAM	68.6	45.3	57.0	3.7	81	12+	30	28	269	26	0	0	2	0	5.33	2.60	1.84	09	0.0	0		9	5	3
GLASGOW 1 SE														6.61		1.96	09	0.0	0			8	7	3
HOT SPRINGS	69.1	44.0	56.5	4.5	85	07	31	27+	280	24	0	0	3	0	7.78	4.77	3.10	24	0.0	0		9	6	3
LEXINGTON	73.6	45.0	59.3	3.5	87	10+	30	28	223	52	0	0	2	0	3.65	0.73	1.37	24	0.0	0		9	7	1
MILLGAP	69.4	36.7	53.0	4.1	83	07	23	28+	372	10	0	0	14	0	6.76	3.82	2.63	09	T	0		8	6	3
MTN GROVE														A 5.97		2.05	24	T	0			4	3	2
MUSTOE 1 SW	67.2	39.5	53.3	3.7	80	15+	25	27	368	13	0	0	9	0	5.88	3.04	2.17	23	T	0		6	5	2
NEW CASTLE														9.12		2.55	11	0.0	0			8	4	4
ROANOKE 8 N	73.0	47.4	60.2	3.1	86	10+	33	27	204	63	0	0	0	0	4.70	1.64	1.41	11	0.0	0		8	4	3
ROANOKE INTL AP	73.0	49.8	61.4	3.7	89	11	35	27	180	77	0	0	0	0	4.18	1.29	1.35	23	0.0	0		9	6	2
STAUNTON WTP	71.3	48.5	59.9	5.7	88	10	35	27+	205	54	0	0	0	0	2.69	-0.29	0.79	09	0.0	0		10	4	0
WAYNESBORO WTP	71.9M	46.6M	59.2M	5.0	85	12+	33	28+	226E	53E	0	0	0	0	M 5.12	1.91	1.81	09	M 0.0	0		8	6	3
WILLIAMSVILLE 2 S														5.33		2.00	09	0.0	0			7	4	2
--DIVISIONAL DATA-----> SOUTHWESTERN MOUNTAIN 06			57.8	3.8B										5.54	2.37B									
ABINGDON 3S	70.4	43.5	57.0	2.4	84	11	30	31+	272	34	0	0	5	0	5.44	3.03	1.80	24	0.0	0		7	4	3
BIG STONE GAP	70.5	43.7	57.1	1.1	82	14+	28	31+	270	33	0	0	4	0	5.62	2.69	2.40	24	0.0	0		8	6	3
BLACKSBURG NWSO	69.6	43.3	56.4	4.1	84	07	31	28+	285	29	0	0	4	0	7.72	4.94	2.74	09	T	0		7	5	3
BURKES GARDEN	64.6	38.3	51.4	2.3	79	07	25	31+	420	7	0	0	12	0	7.37	4.45	2.73	24	T	T	30	11	5	3
CHRISTIANSBURG	69.1	45.1	57.1	2.6	83	07	32	31+	275	36	0	0	2	0	5.90	3.15	2.18	09	0.0	0		6	5	3
CLINTWOOD 1 W	68.9	40.6	54.7	1.8	80	14+	28	27	325	14	0	0	9	0	6.30	3.60	2.50	24	T	0		9	7	3
COPPER HILL	64.5	46.3	55.4		79	12	29	31+	304	14	0	0	2	0	5.20		2.64	24	0.0	0		10	5	2
ELK CREEK 4SSW	65.2	48.0	56.6		78	12+	24	31+	279	27	0	0	4	0	8.00		2.71	24	0.0	0		11	6	4
GALAX WTP	68.0	42.3	55.1	3.3	83	12	31	31+	324	24	0	0	8	0	9.14		3.49	24	0.0	0		6	5	3
GRUNDY	70.9	43.6	57.2	2.3	82	14+	29	31	263	33	0	0	2	0	4.99	2.17	1.56	24	0.0	0		9	6	2
JOHN FLANNAGAN LAKE	M	M	M		88	10	30	31	226E	40E	0	0	2	0	M				0.0	0				
LEBANON	71.0	42.6	56.8	3.6	84	11+	29	31+	284	39	0	0	8	0	6.02	3.62	2.50	09	0.0	0		9	4	3
NORA 4 SSE	66.8	49.2	58.0	3.3	80	06	25	31+	249	41	0	1	3	0	5.38	2.70	1.88	24	0.6	T	30	8	6	3
PULASKI 2 E	69.3M	42.7M	56.0M	2.4	83	12+	30	27	306E	35E	0	0	9	0	6.11	3.46	2.38	24	0.0	0		6	5	3

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	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										
RADFORD 3 N	70.8	43.2	57.0	4.8	84	12+	31	27+	281	38	0	0	3	0	6.00	3.36	2.26	24	0.0	0		6	5	3
RICHLANDS	73.3M	42.3M	57.8M	4.6	85	11	30	31+	248E	38E	0	0	6	0	5.55	3.11	2.06	24	T	T	30	8	8	3
SALTVILLE 1N	72.0	42.1	57.1	2.8	86	11	29	31+	277	36	0	0	5	0	5.95	3.22	2.27	09	T	0		8	4	3
STAFFORDSVILLE 3 ENE	69.1	41.4	55.2	2.0	83	12+	28	28+	323	28	0	0	8	0	7.65	5.00	3.79	24	T	0		8	5	3
WILLIS														6.86		2.82	24	0.0	0			9	7	3
WISE 1SE	69.3	45.8	57.5	2.6	82	08+	26	30	260	37	0	1	5	0	7.04	4.47	2.42	24	0.4	0		10	7	3
WYTHEVILLE	68.5	43.5	56.0	4.1	84	11	29	31+	298	29	0	0	5	0	6.63	3.94	2.65	24	T	0		8	5	3
--DIVISIONAL DATA----->			56.3	3.6B										6.44	3.34B									

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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	2.85								0.08	0.05		0.18	0.03	0.02	0.01	0.02	0.09							0.61						0.97	0.79		
EMPORIA 1 WNW	2.89								0.08	0.35	T	0.09	0.02	T	T	T	0.02							0.90					0.89	0.54			
FREDERICKSBURG SEWAGE	2.54									0.20		0.13	0.20	0.03			0.10							0.43					0.24	1.21			
HOLLAND 1 E	M 2.21							0.02	0.06	0.02		0.65	0.02	0.15	0.04	0.02	0.12							0.17					0.93	0.01		-	
HOPEWELL	3.63								0.05	0.07	T	0.06	0.02	0.03			0.21							1.03				1.09	1.02	0.05			
NORFOLK INTL AP	5.06								0.19	T	0.25	1.61	0.27	0.40	0.16	0.01	T						T	0.08		T		T	2.09	T			
NORFOLK S	6.36								T	0.22	T	0.16	1.15	0.03	0.55	0.27	T	0.04						0.11				0.01	1.91	1.91			
NORTH	4.82									T		0.23	1.01	0.30	0.09	0.22	0.07							0.43					1.29	1.03			
PAINTER 2W	5.16										0.05	0.57	1.26	0.04	0.18	0.08	0.01	0.20						0.24					1.55	0.97			
STONY CREEK 2 N	4.18							0.05	0.06			0.82	0.20	0.05	0.03		0.06	0.03						1.12					1.76				
SUFFOLK LAKE KILBY	2.72							0.08	0.13			0.01	0.40	0.02	0.27	0.03	0.02	0.15						0.40					1.13	0.08			
WAKEFIELD 1NW	4.08								T	0.06	0.05	1.68	0.05	0.08	0.16	0.03	T	0.05					0.19	0.37				1.36	T				
WALKERTON 2 NW	3.85									0.05	0.04		1.03	0.30										0.73					1.43				
WALLACETON LK DRUMMOND	2.95										0.10	0.15	0.08	0.40	0.05	0.27	0.07							0.10					0.35	1.30			
WALLOPS ISLAND NASA TEST FACIL	8.04								0.01	T	T	4.05	0.51	0.31	0.01	0.02	0.18						0.01	0.08		T		2.78	0.08				
WARSAW 2 NW	4.25					0.02					0.05		1.61	0.10	0.04			0.28						0.43					1.01	0.71			
WEST POINT 2 NW	4.57								T	T	0.05	T	1.87	0.32	0.06	0.04	0.03	0.20						0.45					0.10	1.45			
WILLIAMSBURG 2 N	4.02										0.06		1.10	0.16	0.14	0.03	0.02	0.11						0.58					1.78	0.04			
EASTERN PIEDMONT 02																																	
ALBERTA 5N	3.12								0.07	T	T	0.38		0.05	T	T	T	0.07							1.15				0.66	0.74			
AMELIA COURTHOUSE 1	3.74								0.02	0.12	0.01	0.16		0.01		0.01	0.40	0.01							1.64		0.01		0.69	0.66			
ASHLAND	4.66								0.26	0.10		1.66	0.24	T	T	T	0.31							0.66					0.76	0.67			
BREMO BLUFF	M 4.46				-	-	-		0.03	0.30	0.38	0.93	0.39	0.02										0.86					0.03	1.30		-	
BUCKINGHAM	6.39								0.02	0.42	0.01	3.70	0.03	0.07										0.88		0.01			0.10	1.01			
CAMP PICKETT	2.77								0.03	0.05					0.09		0.06	0.06						0.90					0.88	0.70			
CHASE CITY	2.25								0.08	0.08								0.11						1.04					0.45	0.49			
CLARKSVILLE	A 3.06									T	*	T _a	0.85	0.13	0.10									1.05		T			0.48	0.30			
CORBIN	3.11										0.28		0.53				0.10													2.20			
CROZIER	7.02															3.65	0.23								1.44				0.45	1.25			
FARMVILLE 2 N	3.56								0.36	0.16	T	T	0.15	T	T		0.14	0.14							1.50				0.11	1.00			
JOHN H KERR DAM	3.75								0.34		0.01	0.12	0.34												1.48				0.83	0.44			
KEYSVILLE 2 S	2.74								0.02	0.52	0.03	0.02	0.02	0.03				0.03	0.02					1.12		T		0.21	0.72				
LOUISA	3.26								0.01	0.49		0.36	0.14	0.01		0.02	0.11							0.88					0.80	0.44			
PALMYRA 3S	3.91										0.60		0.79		0.07		0.23							0.83						1.39			
PETERSBURG	3.64							0.10	0.01	0.08	0.03		0.01	0.01			0.60						1.03					0.83	0.94				
RICHMOND INTL AP	4.95								T	0.01	0.05	0.32	1.91	0.13	0.01	T	T	0.21					0.11	0.36				1.84	T				
WINTERPOCK 4 W	M 3.36									0.03	0.05	0.03	0.53	0.05	0.01		0.03	0.24	0.07					0.88		T	0.03		0.69	0.72		-	
WESTERN PIEDMONT 03																																	
ALTAVISTA	1.37									0.05	1.00	0.01	0.11	0.06	0.10			0.04															
APPOMATTOX	3.05									0.02	0.52	0.02	0.29	0.03	0.15		0.25	0.02							0.95					0.14	0.66		

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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
BEDFORD	4.73								0.15	1.00		0.90	0.21	0.08			0.45								1.40					0.14	0.40	
BROOKNEAL	3.49								0.06	0.46	0.25	0.24	0.01	0.10			0.30	0.02						1.25					0.17	0.63		
CHARLOTTESVILLE 2W	4.18								0.10	0.53	0.03	0.10	0.06	0.26	0.02	0.01	0.10							0.79					0.12	2.06		
CHATHAM	3.28								0.20	0.78	0.07	0.31	0.35	0.20			0.25	0.10						0.85				T	0.15	0.02		
CONCORD 4 SSW	3.11								0.05	0.50	0.15	0.38		0.12			0.21	0.03						0.87					0.14	0.66		
DANVILLE RGNL AP	2.92							0.06	0.28	0.21	0.47	T	0.01	0.23			0.17						1.38				0.01	0.10	T			
FREE UNION	A 3.74			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.26 _a		0.69				0.11	1.68		
HOLCOMB ROCK	5.45								0.16	1.05	0.51	1.58		T	0.08		T							1.41				0.28	0.38			
HUDDLESTON 4 SW	2.67								0.14	0.76		0.08		0.16	0.03		0.15							1.04				0.25	0.06			
LYNCHBURG INTL AP	2.57							0.05	0.42	0.52	0.11	0.30	0.07	0.01			0.19						0.72				T	0.18	T			
MARTINSVILLE FLTR PLT	3.43								0.33	0.76	0.17	0.03	0.85	0.09			0.25	0.05						0.74				0.08	0.08			
MEADOWS OF DAN 5 SW	9.96								0.26	4.02	0.58	0.06	0.02				0.22						0.11	4.15				0.54				
MONTEBELLO FISH CULTURAL STN	M 6.98			-					0.22	2.73	-	0.46	-	-	-	-	0.17					0.02	-	-	1.96			0.92	0.50	-		
MONTICELLO	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PEDLAR DAM	4.32								0.15	0.77	0.42	0.95					T							1.22				0.42	0.39			
ROCKY MT	3.22								0.25	0.91	0.02	0.18	T	0.31	0.02		0.18							0.94				0.36	0.05			
S BOSTON	2.70								0.13	0.10		0.28	0.08	0.04	0.01		0.01	0.07						1.02				0.16	0.80			
STUART	5.20								0.36	1.54	0.30	0.07	0.35	0.08	0.02		0.23	0.03					0.05	1.83				0.34				
WOOLWINE	7.48								0.18	1.30	1.80	0.80	0.40		0.03		0.06	0.03					0.18	2.37				0.33				
NORTHERN 04																																
FRONT ROYAL	A 2.29									0.67	0.22		0.53	0.05			*	0.00 _a						0.75				0.07	*	0.00 _a		
PURCELLVILLE	4.17								0.15	0.84	0.09	0.04	0.79		0.05		0.03							0.68				0.01	1.49			
LURAY 5 E	4.01								0.05	0.47		0.01	0.38				0.13							0.64				0.07	2.26			
MANASSAS	2.70								0.05	0.30	0.10		0.55			0.05	0.15							0.45				0.05	1.00			
PIEDMONT RSCH STN	MA 2.29	-			-				-	0.49	0.49	0.05	0.28	0.11	*	*	0.25 _a					-	-	0.62			-	-	-			
SOMERSET	5.02								0.05	0.43	0.02	0.07	0.24	0.16	0.02	0.03	0.26							0.88				0.06	2.80			
SPERRYVILLE	M 6.08								0.13	1.06	0.28	0.03	0.59	0.49	-	-	0.03							0.78			-	0.12	2.57	-		
STERLING (RCS)	3.37								0.02	0.71	0.02		0.51	T	T	T	0.09							0.52				0.01	1.49			
VIENNA	1.17									0.51	0.01	0.25					0.06							0.18				0.04	0.12			
WASHINGTON DULLES INTL AP	3.15								0.09	0.52		0.79	T	T		T	0.08						0.03	0.50		T		1.03	0.11			
WASHINGTON REAGAN NATL AP	2.02							T	0.06	0.56		0.06	0.05			T	0.10						0.03	0.10		T		0.97	0.09			
WINCHESTER	5.27								0.13	1.11	0.03	0.29	0.97	0.03	T		0.11							0.54				0.14	1.92			
WINCHESTER 7 SE	4.89								0.02	0.80	0.56	0.07	1.00	0.04			0.05							0.40					1.95			
WOODSTOCK 2 NE	M 3.89								0.03	0.55	0.03	T	0.22				0.06							0.87				0.30	1.83	-		
CENTRAL MOUNTAIN 05																																
BUENA VISTA	3.48								0.04	0.78	0.20	0.33					0.02							1.30				0.36	0.45			
COVINGTON FLTR PLT	6.06								0.06	1.99	0.01	0.19	0.10				0.13							2.09	0.01			1.37	0.09	0.02		
DALE ENTERPRISE	M 3.30	-								0.98	0.15	0.02	0.05	0.02										0.68				0.50	0.90			
GATHRIGHT DAM	5.33								0.08	1.84		0.12	0.08	0.01			0.16							1.52				1.48	0.04			
GLASGOW 1 SE	6.61								0.15	1.96	0.18	1.38		T	T		0.02							1.90				0.63	0.39			
HOT SPRINGS	7.78								0.02	2.00	0.50	0.08	0.15				0.02							3.10				1.71	0.20			
LEXINGTON	3.65								0.07	0.93	0.16	0.18		0.20			0.02							1.37				0.26	0.46			

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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
MILLGAP	6.76							0.17	2.63	0.04		0.02				0.13								2.33						1.20	0.24	
MTN GROVE	A 5.97							0.22	2.02	T	0.05												2.05						*	1.63 _a		
MUSTOE 1 SW	5.88						T	0.79	1.37		0.02												2.17					0.66	0.87	T		
NEW CASTLE	9.12							0.02	2.22	0.02	2.55					0.05								2.35						1.90	0.01	
ROANOKE 8 N	4.70							0.05	1.16	0.09	1.41		0.08											1.33						0.55	0.03	
ROANOKE INTL AP	4.18						0.02	0.51	0.67	0.01	1.06	T	0.06		T	T							1.35				0.18		0.32			
STAUNTON WTP	2.69			T	T			T	0.79	T	0.09	0.03	0.04	0.01	0.01	0.08	T					T		0.62	T				0.33	0.69		
WAYNESBORO WTP	M 5.12		-						1.81		0.13	0.21	0.06			0.07								1.26					0.37	1.21		
WILLIAMSVILLE 2 S	5.33							0.05	2.00		T	0.07				0.03								0.96					1.82	0.40		
SOUTHWESTERN MOUNTAIN 06																																
ABINGDON 3S	5.44							0.08	1.57	0.05	0.04					0.33								1.80					1.57			
BIG STONE GAP	5.62							0.52	1.20		0.15					0.12							0.02	2.40	0.06				1.15			
BLACKSBURG NWSO	7.72							0.05	2.74	0.01	0.75		T			0.14								1.80	T	T			2.23	T		
BURKES GARDEN	7.37							0.09	2.32	0.06	0.17	0.02				0.41							0.04	2.73		0.03			1.45	0.05		
CHRISTIANSBURG	5.90							T	2.18		0.11		0.01			0.10								1.56					1.94			
CLINTWOOD 1 W	6.30							0.20	1.39		0.47					0.36							0.10	2.50	T			0.01	1.18	0.09		
COPPER HILL	5.20							0.06	1.37	0.03	0.03		0.16	0.02		0.23								2.64					0.61	0.05		
ELK CREEK 4SSW	8.00							0.01	2.20	0.01	1.36	0.01	0.02	0.01		0.10							0.30	2.71					1.27			
GALAX WTP	9.14							T	3.04	0.10	T		T			0.17							0.06	3.49					2.28			
GRUNDY	4.99							0.29	0.83	0.01	0.75					0.40							0.02	1.56					1.05	0.08		
JOHN FLANNAGAN LAKE	M	-					-	-	-	1.03	-	0.01		*	*	0.38 _a						-	-	1.77	0.11	-		-	-	-	0.01	
LEBANON	6.02							0.02	2.50	0.01	0.05					0.43								1.70	0.02				1.25	0.04		
NORA 4 SSE	5.38							0.12	1.05		0.31	T	T			0.43							0.09	1.88	T				1.42	0.08		
PULASKI 2 E	6.11							0.05	1.78		0.10					0.11							T	2.38					1.69			
RADFORD 3 N	6.00							T	1.86		0.35					0.21							0.01	2.26			1.31					
RICHLANDS	5.55							0.16	1.15	0.11	0.10					0.54							T	2.06					1.29	0.14		
SALTVILLE 1N	5.95							2.27	0.05	0.03						0.37							0.05	1.79					1.38	0.01		
STAFFORDSVILLE 3 ENE	7.65							0.04	1.81	0.02	0.27					0.15								3.79	T				1.55	0.02		
WILLIS	6.86							0.10	1.82	0.20	0.20		0.04		0.02	0.12								2.82					1.54			
WISE 1SE	7.04							0.18	1.66		0.80				0.01	0.42							0.08	2.42	0.01				1.35	0.11		
WYTHEVILLE	6.63							0.06	2.12	0.03	0.14		0.01	T		0.11							T	2.65	T				1.51	T		

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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	69	70	73	74	77	82	83	81	84	86	84	85	72	70	67	80	67	61	67	73	77	77	78	79	79	65	61	69	71	66	57	73.7	
		MIN	50	45	46	46	47	54	58	60	72	74	74	67	62	62	63	62	41	32	32	39	41	45	46	51	47	39	34	35	41	41	38	49.8	
EMPORIA 1 WNW	08	MAX	78	73	76	79	81	84	85	85	84	87	89	82	73	72	73	83	70	65	71	76	80	81	79	81	76	76	62	72	73	66	59	76.5	
		MIN	46	47	47	49	49	49	50	62	73	75	75	71	63	63	63	66	45	37	37	43	45	49	51	56	49	44	37	38	42	44	40	51.8	
FREDERICKSBURG SEWAGE	07	MAX	68	69	76	74	80	83	86	87	83	87	87	72	72	64	67	82		64	71	76	78	79	78	77	74	66	66	71	71	66	60	74.5	
		MIN	46	45	45	47	48	50	58	58	72	69	70	65	59	59	61	58	40	38	38	41	45	45	47	57	48	46	35	35	44	42	39	50.0	
HOLLAND 1 E	08	MAX	71	73	75	79	82	83	84	82	86	87	85	76	72	71	82	73	70	70	75		77	78	80	80	68	65	68	74	67	65		75.8	
		MIN	51	48	55	51	64	64	61	72	74	74	73	66	65	65	66	52	42	39	44		48	50	54	56	51	40	36	40	48	44		54.9	
HOPEWELL	16	MAX	69	73	75	78	83	84	84	86	85	84	84	80	70	69	82	81	63	69	75	78	77	78	79	79	72	75	70	73	72	66	68	76.2	
		MIN	50	48	49	48	58	58	58	72	73	75	73	66	62	62	62	57	45	38	43	44	48	49	57	60	54	47	36	45	61	42	40	54.2	
NORFOLK INTL AP	24	MAX	73	73	74	76	85	85	86	88	88	87	86	76	70	70	82	71	61	68	73	75	75	77	81	82	68	62	70	76	68	60	72	75.4	
		MIN	57	56	55	59	60	61	67	74	76	77	74	68	67	68	67	60	47	46	51	52	55	55	62	60	53	46	42	47	50	47	44	58.2	
NORFOLK S	24	MAX	70	70	72	74	82	82	84	84	84	84	84	74	69	69	79	70	60	66	73	72	73	75	79	79	64	59	67	74	66	66	58	73.0	
		MIN	55	51	51	56	59	59	65	72	73	75	73	66	66	66	65	59	46	44	48	49	49	52	59	59	51	46	41	46	50	50	46	56.4	
NORTH	07	MAX	68	68	70	72	72	79	80	79	81	84	81	76	70	69	68	77	70	59	65	71	72	74	74	74	75	64	60	67	71	66	56	71.4	
		MIN	55	50	50	49	52	58	62	66	74	75	75	70	63	65	66	63	47	41	41	45	48	50	50	57	50	46	39	40	47	45	43	54.3	
PAINTER 2W	16	MAX	72	73	74	74	80	81	80	83	84	84	81	72	70	72	78	78	62	68	73	74	77	75	77	76	75	64	67	72	70	61	66	74.0	
		MIN	51	46	46	47	57	60	64	71	73	74	68	63	62	63	66	58	44	36	41	47	47	48	48	58	64	53	46	38	45	60	46	46	54.5
STONY CREEK 2 N	08	MAX	71	75	76	80	84	85	83	84	85	86	84	75	71	68	82	70	67	69	76	78	78	77	80	76	67	62	71	71	67	62	69	75.1	
		MIN	47	44	44	44	44	53	54	59	73	74	73	64	62	63	63	47	41	34	34	40	41	47	48	55	48	41	34	30	40	42	39	49.1	
SUFFOLK LAKE KILBY	24	MAX	68	71	72	77	62	81	82	79	84	87	84	73	69	69	80	70	61	67	73	74	75	76	77	78	65	60	68	72	67	60	68	72.5	
		MIN	53	52	51	54	58	58	64	72	72	71	72	65	64	64	64	52	46	44	44	49	49	53	57	57	52	43	39	43	43	44	42	54.5	
WAKEFIELD 1NW	24	MAX	72	74	76	79	83	84	84	83	86	86	86	72	70	68	82	70	64	69	75	79	78	78	80	77	66	62	70	73	68	59	70	74.9	
		MIN	46	45	45	47	54	56	62	72	72	74	71	63	62	63	63	44	38	34	40	45	48	49	54	53	42	38	36	43	46	42	41	51.2	
WALKERTON 2 NW	18	MAX	73	76	74	80	85	87	85	88	86	89	78	77	71	69	83	71	63	70	75	78	78	78	78	76	66	63	71	75	68	68	69	75.7	
		MIN	46	44	46	45	54	56	61	64	74	73	76	68	66	66	68	53	42	36	40	43	45	48	55	62	51	45	36	44	58	48	40	53.3	
WALLACETON LK DRUMMOND	08	MAX	78	75	76	78	83	86	87	85	88	88	89	88	80	71	72	84	71	66	75	73	81	83	83	80	82	72	67	74	78	67	64	78.2	
		MIN	45	40	39	38	44	42	45	52	59	60	61	59	50	50	52	50	30	28	32	30	32	32	40	45	39	30	23	25	31	29	24	40.5	
WALLOPS ISLAND NASA TEST FACIL	24	MAX	69	72	72	72	81	83	81	81	81	85	74	68	67	71	76	73	59	68	72	77	73	73	75	73	65	60	66	71	67	57	65	71.8	
		MIN	50	47	48	49	62	66	65	73	74	73	67	62	64	66	67	48	42	39	44	51	48	50	65	60	47	43	40	49	51	46	47	54.9	
WARSAW 2 NW	18	MAX	70	77	77	79	83	86	86		89	86	72	69		81	64	64	70	75	78	79	79	77	76	62	70	73		59	66	74.9			
		MIN	52	43	45	44	58	63	62		74	70	70	64	60	59		58	41	37	40	46	44		54	60	52	44	35		42	39	52.2		
WEST POINT 2 NW	17	MAX	70	73	73	77	82	84	82	84	84	85	83	75	67	66	81	78	62	67	74	78	77	76	77	76	72	64	69	72	69	63	68	74.5	
		MIN	47	46	49	47	56	60	62	73	74	74	70	61	61	63	63	45	41	38	43	45	47	49	55	55	47	40	38	47	46	43	40	52.4	
WILLIAMSBURG 2 N	24	MAX	71	74	75	77	82	83	81	83	86	84	80	73	67	68	80	71	62	69	74	77	77	77	79	77	66	62	69	72	67	58	68	73.8	
		MIN	52	50	52	51	59	62	63	74	74	74	73	64	63	64	65	50	45	42	46	48	53	52	57	57	50	43	38	44	49	45	42	54.9	
EASTERN PIEDMONT 02																																			
AMELIA COURTHOUSE 1	08	MAX	72	71	74	76	78	84	85	83	84	84	85	86	69	67	80	82	82	63	69	74	78	78	72	77	72	65	65	71	71	64	64	75.0	
		MIN	44	45	47	49	48	53	57	74	73	71	72	68	60	60	61	59	42	36	37	43	48	48	55	55	46	45	35	38	52	39	37	51.5	
ASHLAND	18	MAX	68	73	74	76	82	84	81	81	83	83	81	73	65	67	79	76	60	66	71	75	73	74	75	72	65	58	68	70	70	64	63	72.6	

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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	
BREMO BLUFF	07	MIN	44	43	46	45	49	58	59	72	72	70	71	63	58	60	65	55	41	36	41	44	47	49	55	55	47	43	35	47	60	40	40	51.9
		MAX	75	75				88	89	89	90	87	88	86	72	76	82	85	69	68	74					80	74	72	68	75	73	68		78.4
CAMP PICKETT	08	MIN	40	39				53	51	52	70	66	67	67	55	55	53	39	35	33					57	47	37	32	37	41	38		48.6	
		MAX	73	70	74	76	78	82	84	82	86	84	84	88	70	70	75	81	81	63	69	75	78	79	78	77	71	67	61	71	72	65	58	74.9
CHASE CITY	17	MIN	46	43	45	46	47	49	55	74	74	72	72	68	60	61	61	64	43	34	34	37	37	47	50	57	44	43	35	35	45	41	39	50.3
		MAX	74	71	75	76	79	82	84	82	83	83	86	86	72	66	80	81	66	64	69	75	79	79	78	76	70	64	62	72	72	64	64	74.6
CLARKSVILLE	07	MIN	46	44	45	45	45	47	51	55	73	69	72	66	60	60	61	64	46	36	36	36	39	46	48	54	46	45	37	37	60 ^s	41	38	49.6
		MAX	77	73	76	78	79	86	86	82		86	90	88	74	74	79	83	68	67	69	76	78	78	78	76	71	66	63	73	74	65	60	75.8
CORBIN	09	MIN	48	47	49	50	50	51	56	73		73	74	71	61	61	62	64	47	37	38	39	44	49	55	59	48	44	38	38	38	40	38	51.4
		MAX	67	74	73	78	82	85	85	82	86	86	73	69	64	67	81	72	62	70	75	77	76	76	76	72	65	60	70	71	66	58	63	72.9
CROZIER	07	MIN	42	43	46	45	50	58	61	73	72	70	69	59	58	60	62	44	37	36	42	45	45	46	55	52	46	38	33	48	44	40	37	50.2
		MAX	69	70	73	75	77	84	83	81	83	81	82	66	62	84	70	80	63	61	68	74	78	76	75	75	70	64	59	70	71	63	57	72.4
FARMVILLE 2 N	07	MIN	40	41	42	45	46	51	72	71	70	70	65	58	57	51	60	58	40	36	36	41	42	47	47	54	46	44	34	36	47	40	37	49.2
		MAX	74	73	76	79	79	82	87	86	82	83	85	83	75	68	80	79	71	65	68	74	81	81	77	75	72	63	60	70	73	64	60	75.0
JOHN H KERR DAM	08	MIN	48	42	42	45	46	46	56	57	73	72	72	70	58	58	58	63	42	35	35	38	43	46	48	54	49	43	35	35	40	40	38	49.3
		MAX	77	72	79	78	84	88	88	88	88	85	88	90	74	70	80	84	67	66	72	79	82	83	81	78	74	67	63	75	76	66	60	77.5
KEYSVILLE 2 S	07	MIN	45	45	47	47	49	53	60	62	76	77	77	73	62	61	64	67	41	35	36	43	42	48	51	59	47	46	39	39	52	42	42	52.5
		MAX	74	70	74	76	80	84	85	83	82	86	84	86	70	63	79	81	66	63	69	75	78	79	79	75	72	63	60	72	73	64	58	74.3
LOUISA	18	MIN	44	44	45	47	47	52	56	55	72	71	73	69	58	58	59	63	45	37	35	39	46	49	50	55	49	41	37	35	42	40	38	50.0
		MAX	69	74	74	78	83	85	85	79	84	85	81	74	62	73	78	75	64	69	75	78	77	76	73	70	65	59	69	68	65	57	64	73.2
PALMYRA 3S	06	MIN	36	36	41	39	45	52	54	72	70	66	70	61	61	59	57	57	33	31	33	39	39	42	50	54	42	40	29	39	50	37	36	47.4
		MAX	71	68	73	74	78	84	85	85	80	85	84	81	66	64	71	78	65	62	68	74	77	76	76	73	70	64	60	70	68	64	58	72.6
PETERSBURG	07	MIN	42	37	39	40	41	45	51	53	70	68	69	65	58	54	55	59	36	30	31	33	39	42	44	54	45	39	30	30	45	40	32	45.7
		MAX	72	75	76	80	84	85	84	87	86	86	86	71	70	69	83	70	63	70	76	79	79	78	80	75	67	62	71	75	66	59	69	75.3
RICHMOND INTL AP	24	MIN	47	47	48	48	56	58	62	62	74	74	71	62	62	63	66	44	38	37	42	44	48	49	57	48	46	36	36	45	44	40	39	51.4
		MAX	72	74	77	78	84	85	83	85	84	86	81	73	69	67	82	72	64	69	75	80	78	77	78	74	66	62	70	73	66	59	68	74.5
WESTERN PIEDMONT 03 APPOMATTOX	07	MIN	48	47	49	49	55	59	60	73	73	72	72	61	61	63	63	47	42	39	43	44	50	50	55	56	49	39	37	46	45	43	40	52.6
		MAX	74	70	75	76	79	84	84	81	80	84	83	82	68	62	75	77		61	67	73	77	76	76	71	68	61	58	68	67	62	55	72.5
BROOKNEAL	07	MIN	41	43	45	48	49	54	55	59	71	70	70	67	56	56	57	58	41	40	41	45	50	49	52	50	45	42	40	40	45	39	39	50.2
		MAX	76	71	75	77	80	84	85	81	81	84	84	83	71	71	76	80	75		74	78	77	78	74	72	64	61		73	64	59	75.3	
CHARLOTTESVILLE 2W	08	MIN	39	39	42	42	41	45	49	62	70	68	69	66	54	58	56	55	36	34	33	34	38	42	44	49	41	39	31	40	39	33	46.3	
		MAX	69	68	75	76	80	85	86	86	78	84	85	81	64	62	73	76	63	63	70	76	79	78	69	70	64	59	69	67	60	59	72.7	
CHATHAM	07	MIN	45	46	48	50	52	59	59	59	69	69	69	64	55	55	57	56	42	42	43	47	54	53	54	47	43	40	41	47	39	40	51.5	
		MAX	74	67	71	73	76	82	83	78	81	82	82	84	71	65	71	78	66	62	66	73	77	77	75	71	69	65	59	70	70	62	57	72.2
DANVILLE RGNL AP	24	MIN	44	40	40	42	42	41	46	51	69	71	70	61	59	59	54	58	38	34	33	33	39	43	45	46	38	36	32	32	40	39	34	45.5
		MAX	70	75	77	79	83	84	80	85	84	87	87	73	65	75	80	70	63	68	74	78	78	79	73	70	63	61	73	72	64	58	69	74.1
FREE UNION	07	MIN	47	43	46	46	45	50	54	70	72	72	67	63	60	57	55	49	39	34	35	43	44	47	54	52	41	37	34	42	42	39	35	48.8
		MAX	71	69	74	74	79	82	84	83	77	83	84	79	65	63	74	79	65	65	70	77	79	77	77	68	72	64	61	69	67	59	59	72.5
LYNCHBURG INTL AP	24	MIN	39	39	40	43	45	48	53	52	67	66	66	65	57	56	57	56	37	36	35	38	45	45	46	52	45	43	32	32	39	40	36	46.8
		MAX	68	74	74	79	83	84	81	79	86	83	85	71	63	75	81	70	62	67	74	77	76	76	70	69	59	70	69	61	58	63	72.5	
		MIN	41	43	44	44	46	50	53	68	71	69	69	60	56	57	54	42	39	35	35	43	47	48	54	48	38	35	33	43	41	40	35	47.8

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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	
MARTINSVILLE FLTR PLT	07	MAX	74	69	74	75	78	82	83	76	78	85	83	84	73	64	75	80	65	64	68	75	78	77	77	70	69	60	62	71	70	57	62	72.8
		MIN	40	39	40	43	42	43	46	52	68	69	68	61	60	59	53	53	36	35	34	34	40	43	46	46	37	34	33	33	42	39	33	45.2
MEADOWS OF DAN 5 SW	07	MAX	73	69	71	74	78	81	82	79	73	79	83	79	74	65	77	81	71	65	67	71	74	75	75	66	68	67	60	70	64	47	60	71.5
		MIN	42	42	47	46	46	49	51	57	65	68	68	63	61	54	54	54	38	38	39	40	46	47	49	48	41	35	34	34	43	34	34	47.3
MONTEBELLO FISH CULTURAL STN	07	MAX		70			76	82	82	78	78								59		65	73	71			66	55	53	65	59	57		M	
		MIN		36			41	48	48	53	66								31	31	33	36	41			38	33	29	37	51	32		M	
MONTICELLO	07	MAX																															M	
		MIN																																M
ROCKY MT	07	MAX	74	68	73	74	80	83	85	76	78	86	83	84	74	62	76	82	64	63	68	77	75	76	75	67	68	58	61	70	68	55	61	72.4
		MIN	39	39	39	40	42	48	49	67	67	70	70	62	58	56	60	56	37	35	35	36	44	45	46	46	39	39	33	33	33	38	36	46.4
S BOSTON	07	MAX	78	73	77	79	83	86	81	83	88	87	88	89	75	67	79	83	69	66	71	77	80	80	81	77	73	65	63	76	73	66	60	76.5
		MIN	46	43	43	45	46	46	51	54	73	71	71	67	61	61	57	63	39	35	35	35	40	46	48	52	45	43	34	34	43	40	36	48.5
STUART	07	MAX	76	69	75	73	79	83	84	78	78	82	83	86	75	64	78	80	65	65	69	77	78	78	76	67	70	60	64	71	68	52	61	73.0
		MIN	42	41	46	46	46	46	52	59	60	70	71	62	60	59	57	56	40	38	38	40	44	48	49	46	38	35	34	34	46	37	37	47.6
NORTHERN 04																																		
FRONT ROYAL	06	MAX	66	68	73	73	78	84	83	84	77	86	84	72	63	64	72	78	63	62	69	75	75	76	75	69	71	62	56	64	66	75	57	71.6
		MIN	38	38	42	45	48	55	60		70	64	65	62	56	55	58	55	39	39	39	42	46	43	48	55	52	43	35	33	33	42	42	48.1
PURCELLVILLE	08	MAX	66	68	74	74	79	84	84	85	78	86	85	68	63	62	71	78	63	63	71	74	74	77	75	72	69	61	58	65	67	67	58	71.6
		MIN	39	40	40	45	52	59	55	65	71	65	68	61	55	56	58	57	37	37	38	44	37	44	47	56	49	45	33	36	44	41	42	48.9
LURAY 5 E	08	MAX	65	68	75	76	88	87	86	86	84	85	86	79	67	65	77	84	61	62	71	76	75	76	76	70	70	61	56	69	69	59	57	73.1
		MIN	36	39	44	45	48	48	54	69	61	66	62	55	52	54	53	33	34	38	39	44	48	48	48	41	35	31	33	54	38	36	46.9	
MANASSAS	07	MAX	66	67	72	72	77	82	81	84	81	84	84	74	62	64	70	79	64	61	70	73	73	74	74	73			58	67	69	65	58	71.7
		MIN	44	43	42	47	46	53	59	59	72	68	68	62	58	58	60	58	39	38	37	40	43	43	47	57		48	35	39	50	42	38	49.8
PIEDMONT RSCH STN	08	MAX	67	67	73	79	78	81	86	83	86	86	85	75	64	70	78	78	63	62	68	73	77	76	74	72	69	61	57			57	73.0	
		MIN	45	43	46	46	49	53	58	71	71	69	71	64	56	56	60	56	41	37	38	41	49	48	54	53	47	42	33			36	51.2	
SOMERSET	08	MAX	69	67	75	75	80	83	85	86	79	86	87	78	65	64	70	78	61	63	70	76	79	78	77	73	71	65	58	68	68	62	59	72.7
		MIN	39	39	42	44	47	51	54	55	71	67	68	65	57	56	56	57	35	35	35	39	44	46	46	54	47	42	31	33	43	41	35	47.5
SPERRYVILLE	06	MAX	66	71	78	77	83	87	86	87	83	88	89	73	69				71	67	73	78	78	78	78	72	74	64	58			60	75.5	
		MIN	42	43	44	48	47	53	55	56	71	65	67	64	56				40	38	39	41	48	48	51	55	54	47	35			44	50.0	
STERLING (RCS)	07	MAX	66	68	75	75	80	85	85	86	83	87	86	74	64	63	73	80	68	61	71	74	75	78	76	76	71	62	58	67	70	65	58	72.9
		MIN	42	42	43	46	47	53	58	57	72	65	66	63	57	57	50	58	38	37	37	39	43	45	46	57	53	46	34	34	46	38	36	48.5
VIENNA	07	MAX	63		72	72	75	82	80	80	82	81	83	69	62	68	74	69	59	59	68	72	71	75	73	72	67	62	55	64	67	59	55	69.7
		MIN	42	42	43	46	50	54	59	59	70	65	65	56	55	56	59	48	36	37	38	42	44	44	48	55	49	46	35	35	51	40	39	48.6
WASHINGTON DULLES INTL AP	24	MAX	69	74	74	79	85	85	85	83	87	87	75	66	64	73	79	70	63	70	73	76	77	75	75	71	64	59	67	71	66	59	60	72.9
		MIN	44	40	44	44	51	57	56	73	69	64	65	58	58	61	61	48	36	36	37	44	42	44	51	54	50	37	33	48	43	43	36	49.3
WASHINGTON REAGAN NATL AP	24	MAX	71	74	75	77	80	83	85	83	86	86	75	68	66	71	79	73	64	71	72	77	78	77	78	73	64	62	71	73	68	60	63	73.6
		MIN	51	52	56	56	58	65	65	75	74	72	67	61	60	62	64	52	46	45	49	55	52	54	60	58	50	49	43	54	47	45	44	56.2
WINCHESTER	07	MAX	68	71	78	78	84	84	87	89	76	86	88	67	62	62	75	84	65	68	73	78	78	78	78	70	73	64	58	69	69	52	59	73.3
		MIN	39	40	41	46	47	60	57	57	65	64	64	61	55	55	56	40	38	38	40	43	43	47	53	48	45	34	34	45	39	42	48.1	
WINCHESTER 7 SE	08	MAX		67	73	74	80	85	85	86	76	88	84	68	67	68	71	81		63	70	75	76	75	71	71	63	63	67	61	67	58	72.7	
		MIN		34	35	39	41	41	41	53	70	62	61	61	55	55	54	52	34	33	32	39	33	38	42	51	46	43	31	31	40	37	44.3	
WOODSTOCK 2 NE	07	MAX	78	79	78	78	85	86	86	87	78	87	86	69	63	62	74	74	62	64	71	77	77	78	78	71	65	70	56	70	70	55	73.8	

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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		
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT		MIN	36	39	39	39	46	52	56	56	64	62	62	61	55	55	55	56	34	34	34	40	42	43	44	51	41	41	31	31	39	40		45.9	
	07	MAX	67	67	71	73	79	80	83	81	76	82	83	84	79	65	78	81	59	61	65	72	74	73	73	66	67	53	56	69	61	45	55	70.3	
DALE ENTERPRISE		MIN	36	35	37	41	44	44	48	49	66	62	63	59	59	56	54	54	37	35	36	36	39	43	45	52	36	34	30	30	42	37	34	44.3	
	07	MAX			75	75	83	83	83	90	80	86	86	67	67	69	77	83	69	63	69	72	72	72	72	68	70	59	58	71	62	57	55	72.2	
GATHRIGHT DAM		MIN			37	42	42	46	52	55	62	62	62	62	56	58	46	47	33	33	35	35	40	42	42	51	42	42	32	32	44	36	35	44.9	
	07	MAX	67	66	71	72	76	79	81	79	73	81	80	81	73	65	76	79	56	60	64	71	72	72	71	64	63	52	55	68	60	45	56	68.6	
HOT SPRINGS		MIN	38	38	40	44	45	46	51	52	67	62	62	58	57	57	54	53	36	35	38	37	42	46	48	52	36	33	31	30	44	37	36	45.3	
	07	MAX	67	66	74	74	79	80	85	80	76	79	80	83	71	64	76	78	57	60	65	70	72	72	71	64	64	51	54	68	60	49	52	69.1	
LEXINGTON		MIN	37	37	39	43	43	46	50	52	66	60	60	55	55	55	52	50	34	34	34	36	42	45	46	51	34	31	31	32	44	35	35	44.0	
	07	MAX	73	71	75	76	82	84	87	84	79	87	84	86	72	70	79	84	64	65	69	76	77	75	75	68	70	58	60	70	66	56	59	73.6	
MILLGAP		MIN	39	38	38	42	44	44	50	50	67	64	65	64	58	58	55	56	35	33	33	34	40	43	45	49	39	35	31	30	41	40	34	45.0	
	06	MAX	64	68	73	74	81	81	83	80	73	78	81	82	71	65	78	79	54	64	68	74	75	74	72	62	64	52	52	70	59	49	52	69.4	
MUSTOE 1 SW		MIN	26	27	27	33	36	36	41	41	64	56	55	49	49	55	46	48	28	26	25	26	32	33	37	47	27	26	23	32	32	33	30	36.7	
	24	MAX	65	69	71	77	77	78	77	72	78	80	79	70	63	75	80	59	60	64	71	73	72	70	61	62	51	51	67	58	50	51	52	67.2	
ROANOKE 8 N		MIN	29	29	33	34	39	47	44	63	57	54	60	51	54	52	48	33	27	28	29	33	37	38	45	46	29	28	25	33	35	33	30	39.5	
	07	MAX	73	68	73	76	81	86	86	81	77	86	83	84	84	63	78	83	62	63	68	75	76	79	75	67	75	56	59	70	65	54	58	73.0	
ROANOKE INTL AP		MIN	43	40	41	43	46	49	53	54	67	67	69	62	58	58	58	56	37	37	38	39	46	46	48	48	39	39	33	34	46	38	37	47.4	
	24	MAX	69	73	75	82	87	87	83	78	87	83	89	73	64	78	83	70	64	68	76	76	76	74	67	68	58	60	70	66	57	59	64	73.0	
STAUNTON WTP		MIN	42	41	46	47	52	56	54	68	71	69	68	62	59	60	61	45	39	37	40	48	47	48	54	51	42	38	35	44	41	39	40	49.8	
	08	MAX	69	67	73	73	80	83	84	82	77	88	84	83	65	63	76	81	60	62	68	74	75	75	74	65	66	58	58	70	64	56	56	71.3	
WAYNESBORO WTP		MIN	40	42	43	47	50	55	55	58	68	64	64	63	54	54	58	53	35	37	39	47	48	49	50	40	36	35	41	53	37	37	48.5		
	07	MAX	67			73	79	83	85	83	80	84	84	85	67	67	74	82	60	61	68	75	76	75	74	68	69	59	58	67	66	59	56	71.9	
		MIN	37			43	45	47	53	54	68	64	65	66	55	55	55	54	35	34	35	37	42	45	46	49	42	39	33	33	47	38	36	46.6	
SOUTHWESTERN MOUNTAIN 06																																			
ABINGDON 3S		MAX	59	75	78	79	81	82	82	68	74	79	84	82	82	78	78	77	57	65	70	70	75	77	77	70	59	45	58	71	61	37	53	70.4	
	06	MIN	32	38	43	46	45	47	52	47	47	65	66	60	60	55	53	50	35	34	37	38	39	42	46	45	34	32	30	34	36	32	30	43.5	
BIG STONE GAP		MAX	71	75	75	78	80	81	80	82	70	81	82	81	81	82	78	77	60	66	70	71	76	75	76	65	59	59	59	69	54	37	35	70.5	
	08	MIN	42	41	42	45	44	48	50	49	67	64	64	56	54	54	55	50	36	36	36	37	40	41	41	43	35	31	30	33	36	28	28	43.7	
BLACKSBURG NWSO		MAX	71	67	73	74	81	82	84	76	76	83	83	83	72	61	78	78	57	63	67	71	73	75	72	64	62	51	56	71	60	40	53	69.6	
	07	MIN	36	36	37	41	42	46	46	51	64	64	65	57	57	56	53	49	34	33	34	36	41	42	45	47	34	33	31	31	37	32	32	43.3	
BURKES GARDEN		MAX	64	63	68	71	78	77	79	77	69	76	78	77	71	62	74	71	50	57	64	66	68	70	67	62	53	43	50	66	53	33	45	64.6	
	07	MIN	32	34	32	37	35	35	40	46	62	57	58	55	52	46	44	27	26	26	27	32	37	40	44	34	31	28	45	31	25	25	38.3		
CHRISTIANSBURG		MAX	74	67	71	73	77	81	83	76	82	80	81	81	74	61	77	77	55	60	67	69	71	74	73	65	63	51	55	72	60	40	51	69.1	
	07	MIN	39	39	39	43	43	47	51	56	65	65	66	60	56	56	55	49	36	35	35	37	45	45	48	46	37	35	33	35	38	32	32	45.1	
CLINTWOOD 1 W		MAX	67	71	74	76	77	79	80	79	69	79	79	77	74	80	79	78	58	61	69	68	72	75	76	62	57	47	58	69	57	36	52	68.9	
	07	MIN	35	35	36	40	40	45	46	46	63	61	62	57	51	50	50	48	32	32	32	33	36	37	39	41	32	29	28	31	34	29	29	40.6	
COPPER HILL		MAX	65	59	63	65	72	76	76	73	69	78	74	79	66	57	72	74	54	56	59	67	69	68	66	61	62	49	52	64	63	42	51	64.5	
	07	MIN	41	41	45	48	47	51	53	57	63	57	66	61	54	53	55	49	37	35	39	41	46	51	52	47	38	34	34	41	41	29	29	46.3	
ELK CREEK 4SSW		MAX	65	62	66	69	75	76	76	70	68	76	78	78	71	59	76	75	54	59	63	69	70	70	67	62	58	44	53	68	53	36	54	65.2	
	07	MIN	42	43	47	50	52	58	59	61	65	66	66	60	56	54	57	45	37	39	46	53	51	55	55	42	36	31	31	48	36	24	24	48.0	

VIRGINIA
201710

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	
GALAX WTP	07	MAX	70	65	67	71	77	78	78	73	71	78	81	83	74	62	77	78	57	62	64	73	74	71	68	65	65	49	58	66	56	41	57	68.0
		MIN	36	35	36	39	39	38	43	54	65	64	64	57	57	57	55	52	34	32	32	32	36	39	41	43	34	32	32	38	31	31	42.3	
GRUNDY	07	MAX	69	75	77	77	78	81	82	82	70	82	82	82	77	82	80	80	59	63	72	70	73	73	78	64	60	48	58	71	61	37	70.9	
		MIN	38	38	38	42	43	47	49	49	60	65	63	59	56	55	54	48	39	36	36	37	39	42	45	44	36	35	33	33	34	30	43.6	
JOHN FLANNAGAN LAKE	07	MAX		80	83	86	85					88		84	82				62	69	76	75				58		63				57		
		MIN	41	41	46	47						49		62	56		48	40	39	39	40					42	35	33		32	30	30		
LEBANON	07	MAX	70	70	76	75	82	82	84	82	74	79	84	83	80	80	78	78	56	65	72	72	75	77	77	68	57	45	58	71	62	35	71.0	
		MIN	39	47	42	42	36	43	46	55	67	63	63	61	61	52	51	47	33	32	32	35	36	37	44	42	31	29	29	32	34	30	42.6	
NORA 4 SSE	07	MAX	66	70	70	76	77	80	77	78	69	77	79	79	75	77	75	75	54	60	66	69	69	71	71	61	54	41	59	64	53	31	66.8	
		MIN	47	46	48	53	55	59	59	62	65	66	64	56	56	60	60	44	39	40	48	50	54	55	58	43	36	34	34	53	31	25	49.2	
PULASKI 2 E	07	MAX	69	67	72	75	80	82	83	76	75	81	83	83	74	64		79	56	62	68	74	74	74	72	65	66	49	57	70	59	39	69.3	
		MIN	34	34	36	40	42	47	49	64	65	64	65	57	57	57		49	31	31	31	33	40	42	43	45	32	32	30	31	37	31	42.7	
RADFORD 3 N	07	MAX	70	68	73	75	80	82	84	77	79	83	84	84	76	65	81	80	56	62	68	73	73	75	75	64	63	51	70	67	62	40	70.8	
		MIN	34	33	35	39	41	46	47	49	65	65	64	59	58	59	54	50	31	32	34	37	39	41	45	45	33	36	31	33	38	34	43.2	
RICHLANDS	07	MAX	70	74	79	80	82	83	84	83	74	82	85	82	80	80	79		66	73	71	75	77	76	67			58	72	60	36	52	73.3	
		MIN	37	37	37	41	41	44	47	48	65	62	62	60	57	49	49	48	33	32	32	34	35	38	41	42			30	32	35	30	42.3	
SALTVILLE 1N	07	MAX	73	74	78	80	83	83	83	81	73	81	86	84	82	77	79	79	59	67	73	72	77	77	76	66	60	47	59	72	60	39	72.0	
		MIN	39	36	36	39	39	42	45	49	65	63	63	62	60	53	52	50	35	33	33	36	36	37	40	45	33	29	29	30	38	30	42.1	
STAFFORDSVILLE 3 ENE	07	MAX	68	67	72	74	78	81	82	78	75	83	82	83	74	62	77	79	56	59	67	72	71	73	72	65	61	50	56	71	59	38	69.1	
		MIN	34	33	35	39	39	41	43	48	64	63	63	58	57	58	53	49	31	30	30	32	36	39	42	45	33	33	28	28	37	32	41.4	
WISE 1SE	09	MAX	75	74	75	78	80	82	82	82	68	81	81	79	78	79	76	76	57	63	68	70	74	75	74	61	56	42	57	68	53	31	69.3	
		MIN	41	42	47	46	49	50	56	56	65	62	64	54	57	54	59	44	34	36	39	42	45	49	58	41	33	29	32	51	30	26	45.8	
WYTHEVILLE	07	MAX	69	68	70	74	80	82	82	76	72	80	84	81	75	62	78	77	54	62	67	72	74	74	69	65	58	47	56	71	57	37	68.5	
		MIN	40	39	41	42	43	45	48	55	65	65	65	58	57	57	52	47	33	33	33	35	43	43	43	45	34	32	31	31	36	29	43.5	

VIRGINIA
201710

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																																
EMPORIA 1 WNW																																
FREDERICKSBURG SEWAGE																																
	SNOWFALL																															
	SNOWFALL																															
	SNOWFALL																															
	SN ON GND																															
	WTR EQUIV																															
HOLLAND 1 E	SNOWFALL																															
HOPEWELL	SNOWFALL	-	-		-				-																							
	SN ON GND	-	-		-				-																							
NORFOLK INTL AP	SNOWFALL																															
	SN ON GND																															
NORFOLK S	SNOWFALL																															
NORTH	SNOWFALL																															
	SN ON GND																															
PAINTER 2W	SNOWFALL																															
STONY CREEK 2 N	SNOWFALL																															
SUFFOLK LAKE KILBY	SNOWFALL																															
	SN ON GND																															
WAKEFIELD 1NW	SNOWFALL																															
	SN ON GND																															
WALKERTON 2 NW	SNOWFALL																															
	SN ON GND																															
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																																
MILLGAP	SNOWFALL																															
	SN ON GND																															
	WTR EQUIV																															
MTN GROVE	SNOWFALL																															
	SN ON GND																															
MUSTOE 1 SW	SNOWFALL																															
	SN ON GND																															
	WTR EQUIV																															
NEW CASTLE	SNOWFALL																															
	SN ON GND																															
ROANOKE 8 N	SNOWFALL																															

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
201710

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			
ROANOKE INTL AP	SN ON GND																																	
	SNOWFALL																																	
STAUNTON WTP	SN ON GND																																	
	SNOWFALL																																	
WAYNESBORO WTP	SN ON GND																																	
	WTR EQUIV																																	
WILLIAMSVILLE 2 S	SNOWFALL	-																																
	SN ON GND	-																																
	WTR EQUIV	-																																
SOUTHWESTERN MOUNTAIN 06	SNOWFALL																																	
	SN ON GND																																	
BLACKSBURG NWSO	SNOWFALL																																	T
	SN ON GND																																	T
BURKES GARDEN	SNOWFALL																																	T
	SN ON GND																																	T
CHRISTIANSBURG	SNOWFALL																																	
	SN ON GND																																	
CLINTWOOD 1 W	SNOWFALL																																	T
	SN ON GND																																	T
COPPER HILL	SNOWFALL																																	
	SN ON GND																																	
ELK CREEK 4SSW	SNOWFALL																																	
	SN ON GND																																	
GALAX WTP	SNOWFALL																																	
	SN ON GND																																	
GRUNDY	SNOWFALL																																	
	SN ON GND																																	
JOHN FLANNAGAN LAKE	SNOWFALL																																	
	SN ON GND																																	
LEBANON	SNOWFALL																																	
	SN ON GND																																	
NORA 4 SSE	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																																	

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
201710

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	
STAFFORDSVILLE 3 ENE	SN ON GND SNOWFALL																																T
WILLIS	SN ON GND SNOWFALL																																
WISE 1SE	SN ON GND SNOWFALL																															0.4	
WYTHEVILLE	SN ON GND SNOWFALL SN ON GND																															T	

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
201710

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	29	16	21	10	10	18	20	30	47	29	29	53	38	22	67	34	25	13	14	8	7	7	40	42	17	25	28	27	45	72	29	872	
	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	1925	06	06		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	0551	03	BEDFORD	37 20	79 30W	894		07		H
BIG STONE GAP	0735	06	WISE	36 51	82 48W	1466	08	08		H
BLACKSBURG NWSO	0766	06	MONTGOMERY	37 12	80 25W	2103	07	07		CH
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225	07	07		CH
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	408	07	07		H
BUCKINGHAM	1136	02	BUCKINGHAM	37 30	78 32W	580		07		H
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 22W	840		07		H
BURKES GARDEN	1209	06	TAZEWELL	37 5	81 20W	3068	07	07		H
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	08	08		CH
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 8W	2857	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	1244	07	07		CH
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	07	07		H
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1358	07	07		CH
DANVILLE RGNL AP	2250	03	PITTSYLVANIA	36 34	79 20W	571	24	24		CH
DISPUTANTA	2400	01	PRINCE GEORGE	37 7	77 12W	130	07	07		H
ELK CREEK 4SSW	2730	06	GRAYSON	36 40	81 12W	3439	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		CH
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBURG	38 17	77 27W	15	07	07		H
FREE UNION	3213	03	ALBEMARLE	38 5	78 35W	590	07	07		H
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	06	06		CH
GALAX WTP	3272	06	CARROLL	36 39	80 55W	2341	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
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	07	07		H
HOLCOMB ROCK	4039	03	BEDFORD	37 33	79 24W	900		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	2244	07	07		H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	897		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
KEYSVILLE 2 S	4568	02	CHARLOTTE	37 1	78 29W	625	07	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
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
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	06	06		CH
MONTEBELLO FISH CULTURAL STN	5690	03	NELSON	37 51	79 8W	2667	07	07		H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	758	07	07		H
MT WX 3	5853	04	CLARKE	39 4	77 54W	1550	07	07		H
MTN GROVE	5756	05	BATH	38 6	79 53W	1775		07		H
MUSTOE 1 SW	5880	05	HIGHLAND	38 19	79 40W	2367	24	24		CH
NEW CASTLE	6012	05	CRAIG	37 31	80 6W	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 S	6147	01	NORFOLK (CITY)	36 52	76 14W	10	24	24		H

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)
NORTH	6161	01	MATHEWS	37 26	76 26W	10	07	07		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		CH
PETERSBURG	6656	02	PETERSBURG	37 14	77 24W	19	07	07		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
PURCELLVILLE	4909	04	LOUDOUN	39 9	77 43W	510	08	08		H
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	1157	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
S BOSTON	7925	03	HALIFAX	36 42	78 53W	329	07	07		H
SALTVILLE 1N	7506	06	SMYTH	36 53	81 46W	1733	07	07		H
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	08	08		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 WTP	8062	05	AUGUSTA	38 10	79 5W	169	08	08		CH
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
VIENNA	8737	04	FAIRFAX	38 54	77 17W	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
WASHINGTON DULLES INTL AP R	8903	04	LOUDOUN	38 56	77 27W	290	24	24		HJ
WASHINGTON REAGAN NATL 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
WILLIAMSVILLE 2 S	9159	05	BATH	38 11	79 35W	1640		07		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 1SE	9215	06	WISE	36 58	82 33W	2564	09	09		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		H
WYTHEVILLE	9301	06	WYTHE	36 58	81 5W	2458	07	07		H

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 for station departures is 1981 to 2010. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

The January 2011 through December 2015 publications incorrectly state the computation of divisional departures. Climate Division departures have been, and continue to be, computed from 1971-2000 Normals, not 1981-2010 as stated. Station departures are accurately described as departures from 1981-2010.

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 NCEI 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 / SS Observation time near sunrise / Observation time near sunset, respectively.

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 Centers for Environmental Information. 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 Centers For Environmental Information. 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. NCEI's Products 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, 16151633. doi: 10.1175/2010JAMC2375.1

Blank = Passed All checks	N = failed naught check
D = failed duplicate check	O = failed climatological outlier check
G = failed gap check	R = failed lagged range check
I = failed internal consistency check	S = failed spatial consistency check
K = failed streak/frequent-value check	T = failed temporal consistency check
L = failed check on length of multiday period	W = temperature too warm for snow
M = failed megaconsistency check	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.

The climate division temperature and precipitation values in this publication are based on simple averages from the current set of NWS-Designated Open and Published COOP and First Order Sites within each division. These values differ from those found in NCEI's nClimDiv product. Beginning in February 2014, the nClimDiv product is used by NCEI's Monitoring Branch and in its monthly climate reports. For more details on nClimDiv, please go to <http://www.ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php>.

Effective January 2016, Alaska's Climate Divisions are updated to reflect the 13 climate divisional boundaries established by University of Alaska-Fairbanks, NWS, NCEI, Oregon State University, and University of Nebraska-Lincoln. For more details regarding the updated Alaska Climate Divisions, see: <http://journals.ametsoc.org/doi/pdf/10.1175/JAMC-D-11-0168.1> (Bienek et al., 2012).

These and other publications are available from the National Centers for Environmental Information

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. HPD includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some Stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains 3 hourly weather observations for that month and a hourly summary of precipitation. Annual LCD publications contain a summary of the past calendar year as well as historical averages and extremes.

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