



CLIMATOLOGICAL DATA

VIRGINIA

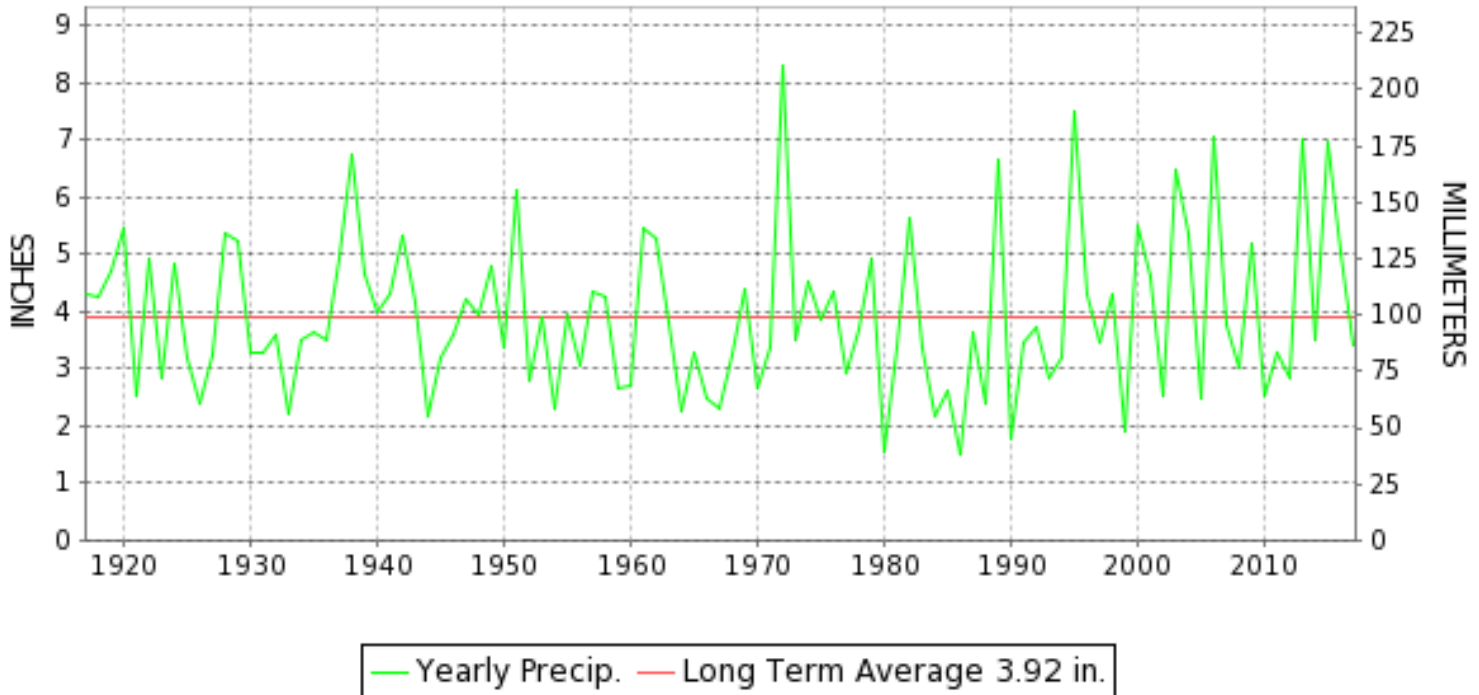
JUNE 2017

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JUNE PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

VIRGINIA

HIGHEST TEMPERATURE	98	JUNE 14	SPERRYVILLE
LOWEST TEMPERATURE	36	JUNE 04+	MILLGAP
GREATEST TOTAL PRECIPITATION	8.60		CLARKSVILLE
LEAST TOTAL PRECIPITATION	0.80		FREDERICKSBURG SEWAGE
GREATEST 1 DAY PRECIPITATION	2.92	JUNE 20	JOHN H KERR DAM
GREATEST TOTAL SNOWFALL	T		WEST POINT 2 NW

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National
Centers for Environmental Information
Asheville, North Carolina

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	85.6	64.6	75.1	-0.2	94	11	53	09	2	315	8	0	0	0	2.33	-1.60	0.87	14	0.0	0		9	4	0
WINTERPOCK 4 W															3.63		1.50	17	M			7	5	1
--DIVISIONAL DATA-----> WESTERN Piedmont 03			73.2	0.8B										3.49	-0.09B									
ALTAVISTA														1.86		0.81	17	0.0	0			11	6	0
APPOMATTOX	85.2M	61.8M	73.5M	1.3	93	15+	53	08	3E	265E	4	0	0	0	2.92	-1.03	1.34	16	0.0	0		10	5	1
BEDFORD														4.80	0.42	2.27	16	0.0	0			10	7	1
BROOKNEAL	84.1M	59.8	72.0M	2.8	91	14	48	09	5E	228E	2	0	0	0	2.72	-0.25	0.62	14	0.0	0		10	7	0
CHARLOTTESVILLE 2W	83.5	64.2	73.9	0.3	91	14+	55	08	4	277	3	0	0	0	2.08	-2.08	0.40	17+	0.0	0		10	7	0
CHATHAM	81.7	58.8	70.3	-0.6	89	14	49	29+	10	176	0	0	0	0	4.43	0.69	1.35	16	0.0	0		11	6	2
CONCORD 4 SSW														2.23		0.98	16	0.0	0			11	6	0
DANVILLE RGNL AP	84.1	61.3	72.7	-2.1	89	14+	50	09	3	241	0	0	0	0	4.42	0.58	2.17	16	0.0	0		10	4	1
FREE UNION	83.2	61.7	72.5		91	12+	51	28	2	231	4	0	0	0	2.42		0.65	17	0.0	0		12	6	0
HOLCOMB ROCK														6.36		1.67	15	0.0	0			10	10	2
HUDDLESTON 4 SW														3.66		1.06	05	0.0	0			9	4	1
LYNCHBURG INTL AP	83.1	59.9	71.5	-0.1	91	13	49	28	4	206	2	0	0	0	2.09	-1.53	0.44	19	0.0	0		8	8	0
MARTINSVILLE FLTR PLT	83.9M	58.4M	71.1M	-0.6	89	19+	49	28	5E	196E	0	0	0	0	7.43	3.68	2.43	17	0.0	0		11	10	3
MEADOWS OF DAN 5 SW	81.1M	57.3	69.2M		87	15	49	29+	8E	146E	0	0	0	0	3.51		0.84	23+	0.0	0		10	8	0
MONTEBELLO FISH CULTURAL STN	M	M	M		85	19+	42	07	69E	122E	0	0	0	0	M				M	0				
MONTICELLO	M	M	M								0	0	0	0	M				M					
PEDLAR DAM														3.89		1.46	16	0.0	0			9	7	1
ROCKY MT	83.6	59.0	71.3	0.2	91	14	49	28+	6	204	2	0	0	0	2.51	-2.01	1.05	17	0.0	0		11	4	1
SOUTH BOSTON	86.7	63.9	75.3	2.5	92	14+	54	09	0	314	6	0	0	0	3.72	-0.57	0.81	18	0.0	0		12	9	0
STUART	82.6	59.3	70.9	-1.1	89	15+	50	28	2	186	0	0	0	0	6.02	1.03	1.46	16	0.0	0		14	10	2
WOOLWINE														4.29		2.31	17	0.0	0			13	7	1
--DIVISIONAL DATA-----> NORTHERN 04			72.0	0.4B										3.76	-0.19B									
FRONT ROYAL	82.4M	M	M		91	14	44	07	32E	104E	3	0	0	0	M 0.72	-3.31	0.33	17	M 0.0	0		7	3	0
PURCELLVILLE	M	M	M								0	0	0	0	M				M	0				
LURAY 5 E	81.3	57.3	69.3	-1.6	91	14	47	28+	21	158	1	0	0	0	2.45	-1.50	0.82	17	0.0	0		8	7	0
MANASSAS	85.1	63.9M	74.5M	0.7	95	14	52	08	5E	295E	6	0	0	0	2.10		1.00	20	0.0	0		7	6	1
MT WEATHER	78.4M	62.5M	70.4M	0.3	88	14	50	08	16E	185E	0	0	0	0	M 1.27	-2.97	0.42	20	M 0.0	0		6	5	0
PIEDMONT RSCH STN	83.6	62.0	72.8	0.2	92	14	51	28	4	245	3	0	0	0	1.78	-2.39	0.64	20+	0.0	0		7	5	0
SOMERSET	83.8M	61.4M	72.6M	0.8	91	14	49	07	4E	239E	2	0	0	0	M 1.65	-2.42	0.73	08	M 0.0	0		10	4	0
SPERRYVILLE	M	M	M		98	14	50	08	7E	228E	5	0	0	0	MA 1.33	-3.01	0.60	15	M 0.0	0		5	2	0
STERLING (RCS)	83.8	61.9	72.9	1.4	94	14	50	08	7	252	5	0	0	0	2.81	-1.11	1.53	15	0.0	0		7	5	1
VIENNA	81.5	59.7	70.6	0.1	92	14	48	09+	14	190	2	0	0	0	1.16	-2.92	0.62	20	0.0	0		6	4	0
WASHINGTON DULLES INTL AP	84.3	61.9	73.1	0.7	95	13	50	28+	6	256	6	0	0	0	1.28	-2.70	0.62	19	0.0	0		5	4	0

VIRGINIA
201706

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										
WASHINGTON REAGAN NATL AP	86.4	68.2	77.3	2.1	95	13+	56	08	1	377	8	0	0	0	1.13	-2.65	0.53	19	0.0	0		5	3	0
WINCHESTER	83.3	62.0	72.7	1.7	93	14	50	08	9	246	5	0	0	0	1.33	-2.28	0.72	20	0.0	0		5	2	0
WINCHESTER 7 SE	82.9M	57.6M	70.3M	0.5	93	14	45	09+	21E	188E	4	0	0	0	M 1.38	-2.28	0.80	20	M 0.0	0		5	3	0
WOODSTOCK 2 NE	82.6	57.9	70.2	0.8	92	14	49	27+	11	175	2	0	0	0	1.99	-1.81	0.49	07	0.0	0		6	5	0
--DIVISIONAL DATA-----> CENTRAL MOUNTAIN 05			72.2	2.1B											1.78	-2.16B								
BUENA VISTA															2.67		0.62	05	0.0	0		9	8	0
COVINGTON FLTR PLT	79.4	54.2	66.8	-4.2	86	19	45	05+	39	101	0	0	0	0	2.82	-0.48	0.54	23	0.0	0		11	7	0
DALE ENTERPRISE	81.4M	56.7M	69.0M	-0.7	91	15+	49	03	21E	143E	2	0	0	0	4.08	0.67	2.04	17	0.0	0		10	8	1
GATHRIGHT DAM	77.4	55.0	66.2	-2.3	86	19	45	03	48	90	0	0	0	0	3.93	0.29	1.05	15	0.0	0		11	9	1
GLASGOW 1 SE															2.72		1.02	20	0.0	0		10	7	1
HOT SPRINGS	79.1	54.5	66.8	-0.6	86	19	45	28+	48	111	0	0	0	0	3.81	0.15	1.00	16	0.0	0		12	10	1
LEXINGTON	83.0	57.2	70.1	-1.3	89	14+	47	28+	11	171	0	0	0	0	4.28	0.03	0.92	06	0.0	0		10	7	0
MILLGAP	76.1	47.7	61.9	-1.5	85	13	36	04+	124	39	0	0	0	0	3.66	-0.40	0.87	17	0.0	0		10	8	0
MTN GROVE															4.04		1.03	17	0.0	0		9	9	1
MUSTOE 1 SW	75.1	49.7	62.4	-2.0	83	13+	38	07+	107	38	0	0	0	0	3.53	-0.28	1.15	15	0.0	0		10	8	1
NEW CASTLE															3.46		0.93	15	0.0	0		12	7	0
ROANOKE 8 N	82.8M	57.4M	70.1M	-1.6	90	14	39	27	18E	170E	1	0	0	0	5.26	0.80	1.62	16	0.0	0		12	12	1
ROANOKE INTL AP	83.3	61.9	72.6	-0.3	91	13	50	28	4	240	2	0	0	0	4.50	0.67	1.58	15	0.0	0		13	6	1
STAUNTON WTP	80.1	59.5	69.8	-0.2	87	14	49	28+	16	167	0	0	0	0	4.55	0.94	2.01	17	0.0	0		11	7	1
WAYNESBORO WTP	81.8M	56.8M	69.3M	-0.6	89	14+	47	28	19E	155E	0	0	0	0	M 2.71	-1.16	0.73	17	M 0.0	0		10	7	0
--DIVISIONAL DATA-----> SOUTHWESTERN MOUNTAIN 06			67.7	-1.6B											3.81	0.11B								
ABINGDON 3S	79.5M	56.5M	68.0M	-2.0	86	24+	47	07	20E	118E	0	0	0	0	3.70	-0.36	1.50	06	0.0	0		11	7	1
BIG STONE GAP	79.5	56.6	68.1	-2.9	86	19	48	28+	13	114	0	0	0	0	4.44	0.59	0.88	24	0.0	0		12	10	0
BLACKSBURG NWSO	78.0	54.8	66.4	-1.3	85	16+	46	28+	39	90	0	0	0	0	2.96	-1.04	0.96	06	0.0	0		11	5	0
BURKES GARDEN	74.0M	50.3M	62.1M	-2.0	81	16	37	29+	111E	32E	0	0	0	0	4.91	0.69	1.57	17	0.0	0		12	9	1
CHRISTIANSBURG	77.6	55.8	66.7	-1.9	86	14	44	28	34	93	0	0	0	0	4.33	0.41	1.00	16	0.0	0		11	8	1
CLINTWOOD 1 W	78.5	53.3	65.9	-1.7	85	19	44	29+	42	75	0	0	0	0	3.45	-1.34	1.01	15	0.0	0		11	9	1
COPPER HILL	75.5M	55.6M	65.6M		84	15	46	08	51E	73E	0	0	0	0	3.12		0.88	16	0.0	0		12	7	0
ELK CREEK 4SSW	74.6	59.0	66.8		81	16+	48	07	29	92	0	0	0	0	2.20		0.80	05	0.0	0		9	6	0
GALAX WTP	79.0	54.4	66.7	-0.2	86	15	45	28	31	91	0	0	0	0	4.54		1.91	18	0.0	0		12	9	1
GRUNDY	81.0	56.3	68.7	-0.5	89	18	46	29+	15	132	0	0	0	0	2.83	-1.67	1.02	06	0.0	0		10	7	1
JOHN FLANNAGAN LAKE	M	M	M		90	16+	50	29+	8E	147E	2	0	0	0	MA 1.82		0.76	06	0.0	0		8	4	0
LEBANON	80.3	54.2	67.3	-1.2	87	19+	45	29+	31	103	0	0	0	0	2.95	-1.63	0.65	15	0.0	0		12	9	0
NORA 4 SSE	75.7	60.1	67.9	-1.1	82	18+	49	06	20	114	0	0	0	0	5.17	-0.55	1.68	15	0.0	0		13	10	1
PULASKI 2 E	78.6	56.6	67.6	-1.2	85	16	41	28	26	112	0	0	0	0	2.52	-0.99	0.83	16	0.0	0		11	7	0

VIRGINIA
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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										
RADFORD 3 N	78.8	54.8	66.8	-1.4	85	19+	44	29	44	104	0	0	0	0	2.38	-0.69	0.85	17	0.0	0		9	4	0
RICHLANDS	78.8M	54.5M	66.6M	-1.5	86	19+	45	29+	34E	88E	0	0	0	0	3.23	-0.72	0.80	17	0.0	0		12	6	0
SALTVILLE 1N	79.8	55.7	67.8	-1.7	87	19+	45	28	26	118	0	0	0	0	5.65	1.50	1.25	17	0.0	0		11	8	2
STAFFORDSVILLE 3 ENE	78.0	53.2	65.6	-2.2	84	15+	43	28	55	79	0	0	0	0	4.07	0.36	1.33	17	0.0	0		14	8	2
WILLIS															3.67		2.25	17	0.0	0		12	6	1
WISE 1SE	76.8	56.8	66.8	-1.1	84	19	46	28	40	101	0	0	0	0	4.06	-0.40	0.93	14	0.0	0		10	8	0
WYTHEVILLE	78.7	55.0	66.8	0.2	88	16	45	28	37	100	0	0	0	0	2.41	-1.16	0.93	06	0.0	0		10	5	0
--DIVISIONAL DATA----->			66.7	-0.5B											3.63	-0.48B								

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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	5.18				0.01	1.46									0.94	1.09	0.32		1.26	0.09		0.01													
EMPORIA 1 WNW	M 3.47				0.20	0.44					-				0.97	0.07	-	1.46	0.28	0.02						0.03									
FREDERICKSBURG SEWAGE	MA 0.80	T	-	0.13	0.03	0.04			*	*	*	0.00 _a			0.13	-	-	0.10	-	0.27		-	0.10	-					T						
HOLLAND 1 E	1.50				0.04	0.01	0.01									0.20	0.01	0.01	0.02	0.75	0.26			0.19											
HOPEWELL	M 2.78				0.11	-	-	-							0.37	0.01	1.67	0.02		0.59	0.01		-	-	-										
NORFOLK INTL AP	3.27				0.01	0.90		T						T		0.95	0.50		T	0.40	0.44		T	0.07											
NORFOLK S	4.14				0.03	0.78		T	T					0.03		1.88	0.43		T	0.37	0.52		T	0.10											
NORTH	2.87					1.26											0.15	0.64		0.63	0.08		0.02	0.09											
PAINTER 2W	2.49				0.41	0.91											0.58			0.34	0.12		0.09	0.04											
STONY CREEK 2 N	5.39				0.02	1.04								0.07		0.32	1.90		1.88	0.14	0.01				0.01							0.01			
SUFFOLK LAKE KILBY	3.29				0.02	0.69	T							0.10	0.02	0.92	0.12	0.03	0.12	0.75	0.30	0.02	T	0.20											
WAKEFIELD 1NW	3.74				T	1.10								0.31	T	0.71	0.85		0.42	0.18	0.16			0.01											
WALKERTON 2 NW	3.02					0.37						T							0.52	2.00			0.04	0.09								T			
WALLACETON LK DRUMMOND	5.94				1.15	2.15	0.05								0.60		1.00	0.05		0.37	0.29	0.08			0.20										
WALLOPS ISLAND NASA TEST FACIL	1.43				0.50	T	T							0.14		T	0.01	T	0.54	0.11	0.04		0.03	0.02			0.02	0.02							
WARSAW 2 NW	3.59				0.59	0.01											1.34	0.01	0.23	1.17			0.15	0.09											
WEST POINT 2 NW	2.23				0.12		T							T	0.72		0.20	0.17		0.90	0.02		0.10												
WILLIAMSBURG 2 N	4.96				1.20									0.93		1.15	0.79		0.63	0.16	0.08		0.02												
EASTERN PIEDMONT 02																																			
ALBERTA 5N	2.73				0.54	0.62			T						0.23	0.02	0.15	0.03		1.11	0.03	T	T	T	T										
AMELIA COURTHOUSE 1	4.29				0.07	0.28									0.18		1.10	0.59		2.00	0.01		0.05	0.01											
ASHLAND	5.37				0.76		0.06							1.02	0.29	0.01	2.17			0.89			0.17												
BREMO BLUFF	M 3.18		-	-		0.52								-	-	0.62	0.48			1.13			0.13	0.30											
BUCKINGHAM	4.27					0.50								T	0.90	1.78	0.01	T	0.05	0.79			0.24	T											
CAMP PICKETT	M				-	0.12	0.64	-	-	-									0.08	1.20	-	-	-												
CHASE CITY	4.92				0.17	0.63										0.20	1.05	1.93	0.04	0.58						0.32									
CLARKSVILLE	8.60				0.32	1.10									0.43	2.20	2.45			1.89	T		0.03	T	0.18										
CORBIN	1.16	T			0.12	0.07											0.07			0.52			0.23		0.10			0.05							
CROZIER	2.69					0.42									0.97		0.04			0.98			0.28												
FARMVILLE 2 N	M 2.43				T	0.51		0.02							0.55		0.57	0.17		0.56	T		T	0.05											
JOHN H KERR DAM	M 3.97	0.01	0.01		-	0.42						-			-	0.12	0.20	0.09	-	2.92	0.04	-	0.01		0.15	-									
KEYSVILLE 2 S	2.29				0.01	0.03									T	0.56	0.52	0.07	0.06	T	1.02		0.01	0.01											
LOUISA	2.35				0.60									0.01	0.02	0.02	1.15		0.29	0.09			0.17												
PALMYRA 3S	2.02				0.31	0.30								0.01		0.36	0.23			0.70			0.11												
PETERSBURG	2.19				0.30									0.20		0.28	0.44		0.95	0.01		0.01													
RICHMOND INTL AP	2.33				0.09								T	0.87		0.01	0.49		0.70	0.01	0.01		0.14	0.01											
WINTERPOCK 4 W	3.63				T	0.29								0.27			1.50	0.92		0.58	0.03		0.04												
WESTERN PIEDMONT 03																																			
ALTAVISTA	1.86	0.10			0.29	0.10		0.01								0.14	0.23	0.81		0.03	0.05		0.02	0.08											
APPOMATTOX	2.92				0.03	0.72								0.10	0.01	1.34	0.03		0.06	0.45			0.14	0.04											

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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	4.80	0.05			0.03	0.36									0.45	2.27	0.41	0.01		0.97			0.12	0.13									
BROOKNEAL	2.72				0.48	0.17								0.62		0.53	0.14	0.03	0.21	0.45			0.06	0.03									
CHARLOTTESVILLE 2W	2.08	0.01			0.38	0.16		0.03						0.32		0.40	0.40		0.04	0.20			0.14										
CHATHAM	4.43	0.05			0.08									0.08	0.30	1.35	1.05	0.05	0.42	0.90	T		0.12	0.03									
CONCORD 4 SSW	2.23				0.02	0.36		0.01						0.06		0.98	0.11	0.03	0.11	0.37			0.15	0.03									
DANVILLE RGNL AP	4.42			T	0.56			T					0.09	0.61		2.17	T	0.03	0.80		T	0.01	0.09	0.01						0.05			
FREE UNION	2.42	0.02			0.26	0.16		0.02						0.43	0.06	0.12	0.65		0.03	0.57			0.07	0.03									
HOLCOMB ROCK	6.36				0.15	0.97		0.10						0.46	1.67	0.61	0.37			1.35			0.38	0.30									
HUDDLESTON 4 SW	3.66	0.05			1.06	0.08		0.09							0.04	0.67	0.91			0.69			0.07	T									
LYNCHBURG INTL AP	2.09				0.26									0.15	0.27	0.27	0.33		0.44			T	0.15	0.22							T		
MARTINSVILLE FLTR PLT	7.43	0.07			0.95	0.22								0.74	0.10	1.00	2.43		0.41	1.07			0.18	0.26									
MEADOWS OF DAN 5 SW	3.51				0.16	0.84			0.14							0.04	0.30		0.10	0.73		0.04	0.84	0.32									
MONTEBELLO FISH CULTURAL STN	M	-	-		-	1.69		0.02		-	-			-	-	0.41	0.61		0.01	0.70		-	-	0.50						-	-		
MONTECELLO	M	-	-	-	-	-		-	-	-	-			-	-	-	-		-	-		-	-	-		-	-	-	-	-	-		
PEDLAR DAM	3.89	0.09			0.52	0.41									0.26	1.46	0.29		0.07	0.47			0.32	T									
ROCKY MT	2.51	0.31			0.21	0.09		0.04	T						0.06	0.06	1.05	0.55	T	0.08	T		0.05	0.01									
SOUTH BOSTON	3.72				0.40	0.42								0.01	0.30	0.58	0.10	0.81	0.23	0.61			0.06	0.04	0.16								
STUART	6.02	0.27			0.27	0.58			0.04					0.10	0.02	1.46	0.99	0.02	0.25	1.42	T	0.11	0.47	0.02									
WOOLWINE	4.29	0.08			0.01	0.30		0.01						0.24	0.03	0.76	2.31	0.18	0.02	0.08			0.16	0.11									
NORTHERN 04																																	
FRONT ROYAL	M 0.72	0.02				0.10		0.02									0.01	0.33		0.09			0.15	-									
PURCELLVILLE	M	-	-	-	-	-		-	-	-	-			-	-	-	-	-	-	-			0.05	0.34									
LURAY 5 E	2.45	0.03				0.10									0.61	0.13	0.82			0.38			0.12	0.26									
MANASSAS	2.10	0.05				0.45										0.10	0.15			1.00			0.25	0.10									
MT WEATHER	M 1.27					0.13		0.24									0.10			0.42			0.08	0.30									
PIEDMONT RSCH STN	1.78	0.05			0.15	0.06		0.13							T	T	0.64			0.64			0.11										
SOMERSET	M 1.65	0.07			0.12	0.06		0.73							0.03	0.06	0.11			0.39			0.03	0.05									
SPERRYVILLE	MA 1.33	-				0.07		0.02		*	*	*	0.00 _a		0.60	-	-		-	0.56			0.08	-									
STERLING (RCS)	2.81	0.09				0.18		T							1.53		0.06		T	0.49			0.17	0.29								T	
VIENNA	1.16	0.04				0.12											0.10			0.62			0.07	0.21									
WASHINGTON DULLES INTL AP	1.28				0.18									T		0.06	T		0.62			0.15	0.27				T					T	
WASHINGTON REAGAN NATL AP	1.13					T										0.36	T		0.53	T		0.10	0.07					0.07					
WINCHESTER	1.33					0.06											0.04			0.72			0.05	0.46									
WINCHESTER 7 SE	M 1.38					0.09										0.10			0.80			0.07	0.32										
WOODSTOCK 2 NE	1.99						0.49	0.08							0.40	0.26				0.39				0.37									
CENTRAL MOUNTAIN 05																																	
BUENA VISTA	2.67	0.13			0.62	0.54										0.16	0.35		0.11	0.46			0.28	0.02									
COVINGTON FLTR PLT	2.82	0.03			0.40	0.51			0.03					0.49	0.15	0.24	0.02			0.34			0.54	0.07									
DALE ENTERPRISE	4.08				0.02	0.20								0.16	0.65	0.02	2.04			0.34			0.15	0.15									
GATHRIGHT DAM	3.93	0.09			0.71	0.28	0.01		T					0.52	1.05	0.52	0.10			0.23		T	0.27	0.15									
GLASGOW 1 SE	2.72	0.02			0.25	0.47								0.02	0.05	0.19	0.25	T	0.17	1.02			0.28	T									
HOT SPRINGS	3.81	0.11			0.70	0.30			0.02					0.10	0.50	1.00	0.20	0.02		0.28			0.25	0.33									

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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			
LEXINGTON	4.28	0.09			0.54	0.92								0.02	0.90	0.79	0.19	T		0.44			0.31	0.08											
MILLGAP	3.66				0.02	0.16			0.05						0.14	0.65	0.87		0.30	0.62			0.31	0.54											
MTN GROVE	4.04				0.43	0.12								T	0.73	0.72	1.03		0.25	0.12			0.30	0.34											
MUSTOE 1 SW	3.53				0.24			0.01					0.02	0.13	1.15	0.25		0.44	0.48				0.47	0.34											
NEW CASTLE	3.46	0.02			0.02	0.73		0.01							0.93	0.22	0.86	0.19	0.02	0.14			0.29	0.03											
ROANOKE 8 N	5.26	0.27			0.37	0.61		0.12						0.69	0.26	1.62	0.32	0.16		0.56			0.18	0.10											
ROANOKE INTL AP	4.50			0.30	0.76			0.05					0.83	0.05	1.58	0.08	0.40	0.05	0.30			0.03	0.05								T				
STAUNTON WTP	4.55	0.02			0.25	0.14		0.02	T						0.31	0.86	2.01	T	T	0.69	0.01		0.04	0.20	T										
WAYNESBORO WTP	M 2.71	0.03			0.14	0.29								0.35	0.27	0.37	0.73	0.07		0.43			-	0.03											
SOUTHWESTERN MOUNTAIN 06																																			
ABINGDON 3S	3.70	0.20			0.05	1.50			0.05						0.22	0.04		0.08	0.38	0.50			0.28	0.40											
BIG STONE GAP	4.44	0.07	0.03		0.45	0.20			0.12					0.76	0.25		0.25		0.28	0.33			0.82	0.88											
BLACKSBURG NWSO	2.96	0.08			0.07	0.96			0.21					T	T	0.08	0.07	0.30	0.02	0.88			0.09	0.20							T				
BURKES GARDEN	4.91	0.31			0.15	0.78			0.14					0.64		0.09	1.57	0.07	0.50	0.35			0.05	0.26											
CHRISTIANSBURG	4.33	0.27			0.01	0.61			0.12					0.01		1.00	0.22	0.98		0.92			0.08	0.11											
CLINTWOOD 1 W	3.45	0.03	0.09		0.28	0.20			0.36					0.43	1.01	0.20			T	0.15			0.24	0.46							T				
COPPER HILL	3.12	0.08			0.02	0.37		0.05	0.01						0.64	0.88	0.47	0.08		0.18			0.14	0.20											
ELK CREEK 4SSW	2.20	0.02			0.80	0.49										0.14		0.06		0.14			0.21	0.25								0.09			
GALAX WTP	4.54				0.88	0.26								0.14	0.25	0.06	0.55	1.91	0.03	0.17			0.12	0.16								0.01			
GRUNDY	2.83				0.51	1.02			0.36					0.10	0.02	0.08			0.05	0.12			0.11	0.46											
JOHN FLANNAGAN LAKE	MA 1.82	-		-	0.07	0.76			0.06		-	-		-	0.14	0.07		-	-	0.05	0.24		0.12	*	*	0.31 _a	-								
LEBANON	2.95	0.34	0.02		0.20	0.58			0.10					0.01	0.65		0.22			0.41			0.10	0.31								0.01			
NORA 4 SSE	5.17	0.03			0.48	0.34		T	0.11				0.02	0.74	1.68	0.25	0.06		0.14	0.74			0.19	0.39									T		
PULASKI 2 E	2.52	0.29			0.11	0.38			0.09					0.01		0.83	0.02	T	0.32	0.24			0.07	0.16											
RADFORD 3 N	2.38	0.26			0.02	0.77			0.07					T		0.09	0.85			0.04			0.08	0.20											
RICHLANDS	3.23	0.34			0.49	0.45			0.07					0.04			0.80		0.01	0.62			0.07	0.30	0.01							0.03			
SALTVILLE 1N	5.65	0.75			0.25	1.05								0.94	0.03		1.25	0.01	0.50	0.54			0.08	0.25											
STAFFORDSVILLE 3 ENE	4.07	0.06			0.01	0.53	0.01		0.03					0.09	0.02	0.25	1.33	1.24	0.16	0.13	T		0.11	0.10											
WILLIS	3.67	0.08				0.34			0.02					0.18	0.02	0.02	2.25	0.02		0.29			0.14	0.24							0.07				
WISE 1SE	4.06		0.06		0.47	0.25							0.01	0.93	0.74				0.39	0.32			0.41	0.48											
WYTHEVILLE	2.41	0.09			0.04	0.93									0.26			0.03	0.03	0.18	0.48		0.09	0.28											

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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		
VIRGINIA																																			
TIDEWATER 01																																			
DISPUTANTA	07	MAX	84	85	83	86	88	77	81	71	69	83	89	93	91	90	91	84	81	88	89	88	88	84	88	89	88	85	83	82	83	86		84.9	
		MIN	60	59	55	57	58	66	55	51	50	52	57	65	65	66	68	67	68	71	73	68	67	70	69	70	57	58	59	61	61		62.3		
EMPORIA 1 WNW	08	MAX	85	86	85	88	90	81	84	75	71	81	88	91	91																				M
		MIN	60	61	56	57	62	63	59	52	52	56	58	66	67																				M
FREDERICKSBURG SEWAGE	07	MAX	81			86	88	75	78	71					93	93	91						88	85				85	84	82	82	91		M	
		MIN	58			55	58	66	56	53					69	70	69						68	68				57	58	54	55	59		M	
HOLLAND 1 E	08	MAX	86	84	86	89	81	81	78	69	81	87	89	91	91	91	81	80	89	89	91	80	82	87	90	90	86	84	83	82	86	89		85.1	
		MIN	66	64	59	59	69	65	57	54	51	60	68	66	68	72	68	70	74	65	68	70	72	74	74	71	63	62	68	68	70		66.1		
HOPEWELL	16	MAX	86	85	86	89	89				80	88	93	91	91	92	91	85	87	88	90	88	88	88			86	84	80	87	90		87.6		
		MIN	63	64	58	62	62				55	61	68	69	77	69	70	69	71	72	75	67	67	67			64	62	62	61	68		66.0		
NORFOLK INTL AP	24	MAX	86	85	88	91	83	79	70	69	82	90	93	94	92	93	76	85	85	92	93	83	87	91	93	92	86	83	81	80	89	93		86.1	
		MIN	67	67	64	63	70	67	60	57	55	64	70	72	72	72	70	71	72	76	77	72	69	74	77	75	74	70	67	67	64	73		68.9	
NORFOLK S	24	MAX	86	82	85	89	81	78	70	67	81	87	91	92	90	90	74	85	84	89	91	81	85	88	90	84	83	80	78	86	89		84.2		
		MIN	65	66	60	61	65	65	58	55	52	62	68	70	70	71	69	69	70	74	75	68	66	71	75	72	70	66	64	63	62	70		66.4	
NORTH	07	MAX	76	81	81	83	80	76	71	65	66	78	83	88	88	88	88	76	82	82	86	88	77	83	86	87	87	84	81	80	78	83		81.1	
		MIN	61	51	57	59	69	65	60	53	52	59	66	72	73	72	68	66	69	74	76	70	70	70	74	75	74	62	64	58	62	71		65.7	
PAINTER 2W	16	MAX	84	83	85	84	80	78	78	66	79	84	90	90	90	89	89	85	84	85	87	84	82	87	87	88	88	86	83	82	84	87		84.3	
		MIN	62	61	56	57	71	64	59	51	48	59	69	73	72	73	65	68	70	73	76	70	68	74	74	73	73	61	63	58	60	70		65.7	
STONY CREEK 2 N	08	MAX	87	84	87	91	77	83	74	71	81	89	93	92	92	93	86	87	87	90	92	79	86	87	91	90	86	85	83	82	87	90		86.1	
		MIN	62	60	57	58	61	64	58	53	54	57	61	66	69	67	69	69	70	71	72	67	68	68	71	74	68	58	60	55	58	62		63.6	
SUFFOLK LAKE KILBY	24	MAX	83	83	85	86	79	80	68	68	78	85	88	88	86	89	79	85	83	86	88	88	88	84	87	86	85	82	81	80	83	86		83.2	
		MIN	66	64	60	61	68	66	58	56	55	61	67	68	69	69	69	67	69	72	74	67	66	71	72	71	69	63	62	62	60	68		65.7	
WAKEFIELD 1NW	24	MAX	87	85	87	91	79	84	73	71	81	89	93	92	91	93	85	86	85	91	91	81	86	87	91	90	87	85	83	84	88	90		86.2	
		MIN	61	59	55	57	66	62	54	52	50	58	67	69	70	67	67	70	71	72	67	66	70	73	70	64	58	58	54	61	68		63.4		
WALKERTON 2 NW	18	MAX	86	84	86	89	73	79	74	72	82	89	92	92	91	91	84	86	87	89	91	82	87	89	89	86	84	83	85	88	90		85.7		
		MIN	58	54	52	57	71	64	57	54	51	57	65	67	70	69	70	68	70	72	76	70	74	71	75	78	68	59	58	58	59	68		64.7	
WALLACETON LK DRUMMOND	08	MAX	89	90	89	82	90	82	85	67	70	84	91	94	95	92	95	82	90	86	90	90	84	86	90	91	94	92	87	86	87	89		87.3	
		MIN	67	60	65	61	47	52	51	42	40	60	68	63	65	52	59	51	59	61	64	58	59	66	61	64	58	57	50	48	45	63		57.2	
WALLOPS ISLAND NASA TEST FACIL	24	MAX	83	81	83	78	76	79	63	65	79	82	88	89	90	90	73	80	84		84	80	84	86	89	88	87	82	83	80	80	86		81.8	
		MIN	63	63	58	59	65	62	53	51	49	61	70	72	72	67	66	69	72		73	70	68	74	74	71	70	61	62	60	64	68		65.1	
WARSAW 2 NW	18	MAX	85	83	86	88	85	78	79	72	83	90	93	93	94	90	89	89	87	89	89	82	88	90	86	89	84	84	83	88	92		86.5		
		MIN	58	57	53	56	67	62	55	51	50	59	66	69	70	69	64	64	70	70	74	67	69	71	71		57	59	53	63	69		63.0		
WEST POINT 2 NW	17	MAX	87	86	87	89	88	80	77	71	82	88	92	92	94	92	83	87	86	89	89	89	86	89	91	91	90	86	83	82	87	90		86.8	
		MIN	60	59	55	58	65	59	54	52	52	58	68	69	70	68	67	66	71	73	71	67	68	71	72	71	66	59	62	56	63	70		64.0	
WILLIAMSBURG 2 N	24	MAX	86	85	87	89	77	80	69	72	81	88	92	91	92	91	81	86	84	88	90	79	86	88	90	90	87	84	83	80	86	89		85.0	
		MIN	63	63	58	60	68	65	58	54	54	60	71	70	72	70	69	67	72	74	74	69	69	72	75	77	69	63	64	60	63	72		66.5	
EASTERN PIEDMONT 02																																			
AMELIA COURTHOUSE 1	08	MAX	84	85	83		88	72	82	73	70	81			90	89	89	89	86	86	83	87	88	81	86	86	88	87	84	83	80	80	86		83.8
		MIN	63	58	56		58	63	57	53	54	62			65	70	60	67	70	69	71	71	66	67	70	72	74	67	57	61	54	58	64		63.5
ASHLAND	18	MAX	79	81	83	86	83	76	74	68	78	85	89	88	88	89	83	82	82	87	87	83	85	86	86	86	86	84	81	80	78	85	87		83.0

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			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	60	55	52	57	64	61	55	52	52	56	64	66	69	66	66	67	69	71	73	66	68	72	70	75	66	57	56	54	60	63	62.7	
		MAX	84			92	90	74	84	76	74	86	93	96	96			97	87	91	92	88	85	88	90	90	90	88	86	84	87	90		
CAMP PICKETT	08	MIN	55			48	50	59	50	49	51	50	52	56	61			60	67	66	72	65	65	65	65	68	60	54	52	49	47	56	57.4	
		MAX	84	84	83		88	72				79	86	89						83	87	88				88	86	83	82					
CHASE CITY	17	MIN	59	59	56		59	63				52	60	66					70	73	66				72	68	56	59				61.9		
		MAX	84	83	82	84	86	76	81	76	76	80	85	88	87	87	86	85	83	84	86	87	78	83	84	87	86	82	82	78	79		83	
CLARKSVILLE	07	MIN	59	59	53	55	67	63	59	53	51	56	61	62	66	66	67	68	68	71	69	65	66	67	70	72	67	55	55	53	53	62	65.6	
		MAX	84	85	85	88	89	89	83	77	72	84	89	90	90	90	90		87	84	89	89	80	84	87	90	88	84	85	81	83	86		
CORBIN	09	MIN	61	63	58	59	62	62	61	55	53	56	66	67	68	69			71	71	65	65	66	69	73	69	58	58	58	58	63	63.6		
		MAX	83	81	84	87	74	77	70	71	80	88	92	92	93	89	85	84	86	89	89	84	87	89	88	88	85	83	83	81	89		91	
CROZIER	07	MIN	56	54	53	56	65	58	53	49	52	60	65	66	69	67	65	67	68	72	70	67	68	70	71	67	62	54	57	51	59	66	61.9	
		MAX	82	82	82	85	87	70	75	71	69	79	86	90	89	89	86	84	82	84	87	86	80	85	85	86	86	83	81	79	79	85		
FARMVILLE 2 N	07	MIN	58	54	52	54	59	60	54	52	52	55	57	65	67	66	65	66	68	69	72	66	67	68	69	71	64	56	59	52	55	57	61.0	
		MAX	85	84	84	85	87	71	82	73	68	81	87	89	91	91	88	88	83	85	87	88	84	85	87	89	87	83	82	80	80	85		
JOHN H KERR DAM	08	MIN	61	56	54	56	57	62	57	54	51	51	59	64	70	68	69	68	69	70	68	68	70	73	63	55	59	52	54	57		61.8		
		MAX	83	84	84	89	87	77	83	76	71	84	86	90	87	88	88	90	88	85	87	87	81	84	87	91		84	84	82	83		84	
KEYSVILLE 2 S	07	MIN	66	63	60	60	69	66	63	55	56	60	70	72	74	72	69	70	71	74	76	68	69	70	75	77	71	61	63	60	65	71	67.2	
		MAX	85	84	83	85	87	71	81	74	69	80	86	89	90	90	88	87	85	84	87	87	79	85	87	87	85	84	81	79	81	85		
LOUISA	18	MIN	60	59	56	54	64	62	58	52	51	57	65	67	68	67	65	66	69	70	69	65	66	68	70	72	67	54	57	53	54	60	62.2	
		MAX	83	83	86	86	85	78	77	72	81	87	90	89	93	88	85	84	84	88	84	82	87	87	85	86	86	80	80	80	86	87		
PALMYRA 3S	06	MIN	54	49	47	50	65	58	48	50	50	53	60	64	64	66	64	67	68	71	66	66	68	70	72	59	51	56	48	54	63	59.7		
		MAX	77	81	83	83	85	70	76	72	68	78	85	88	87	89	87	83	81	82	86	83	80	85	85	84	84	82	79	77	77		85	
PETERSBURG	07	MIN	54	52	52	52	56	59	52	54	50	53	58	62	63	66	65	67	68	70	72	66	67	68	70	71	59	51	56	48	52	60	59.8	
		MAX	86	84	87	88	74	81	71	71	80	87	91	91	89	93	86	87	87	88	89	79	86	87	90	89	85	84	82	82	87	87		
RICHMOND INTL AP	24	MIN	59	57	58	60	62	61	54	53	55	59	67	67	68	71	70	70	70	73	67	67	68	70	70	71	60	59	56	56	62	63	63.4	
		MAX	87	85	87	89	74	81	73	72	82	89	94	91	91	93	85	84	86	88	90	80	87	88	90	90	86	84	83	81	88	91		
WESTERN PIEDMONT 03 APPOMATTOX	07	MIN	62	61	56	58	66	63	58	54	53	60	66	66	70	67	69	70	71	72	71	67	68	71	73	71	69	59	61	57	61	68	64.6	
		MAX	84	84	85	87	88	70	83	75	72	81	88	91	91	93	93	88	85	86	88	86	85	88	87	88	88	83	83		83	87		
BROOKNEAL	07	MIN	61	57	55	57	58	61	57	53	54	54	61	65	66	66	65	65	67	69	68	66	65	65	70	69	64	57	58		54	64	61.8	
		MAX	85	84	84	85	88	70	82	76	71	81	87	90	88	91	87	87	84	85	88	86	82	86	86	88	88		82	80	81	86		
CHARLOTTESVILLE 2W	08	MIN	58	56	51	52	52	60	54	53	48	53	60	63	65	66	65	68	68	69	68	67	65	65	67	71	62	51	57	49	51	61	59.8	
		MAX	82	83	82	86	86	72	78	71	70	81	87	90	91	91	88	86	84	84	86	85	83	88	88	85	86	84	82	79	80	87		
CHATHAM	07	MIN	61	60	61	61	65	64	56	55	56	61	65	71	73	71	68	67	69	72	65	65	67	68	70	66	60	61	58	59	65	64.2		
		MAX	83	83	81	83	86	73	79	74	69	79	85	87	86	89	81	86	80	81	87	85	80	84	83	86	83	81	79	77	78		84	
DANVILLE RGNL AP	24	MIN	58	58	52	52	53	60	55	54	49	49	54	59	60	64	64	64	66	67	69	67	66	66	67	70	64	52	52	50	49	55	58.8	
		MAX	84	84	86	87	80	82	76	71	83	87	89	88	89	89	88	85	86	88	87	79	83	84	88	85	82	82	79	81	85	85		
FREE UNION	07	MIN	58	58	53	56	63	62	58	53	50	55	62	61	68	65	66	68	69	67	65	67	67	71	70	60	54	57	51	56	65	61.3		
		MAX	87	87	91	87	87	71	78	71	74	84	91	91	88	90	87	83	80	82	85	83	81	87	85	81	83	82	80	79	78		84	
LYNCHBURG INTL AP	24	MIN	63	61	59	58	58	60	52	54	58	62	66	65	67	66	67	67	67	68	69	65	64	65	69	70	61	54	57	51	52	55	61.7	
		MAX	83	82	85	86	70	80	73	71	80	86	89	90	91	88	87	81	84	88	86	80	86	84	87	86	80	80	78	80	86	85		
		MIN	57	54	52	53	62	58	54	53	51	54	60	62	66	64	66	68	67	69	68	66	65	66	70	62	58	51	54	49	55	63	59.9	

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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	84	84	84	86	86	78	81	75	72	81	87	88	89	88	89	87	84	85	89	86	80	84	84	88	86	81	83	78		85		83.9
		MIN	56	56	51	52	53	60	51	57	50	51	55	59	61	61	61	66	67	68	69	64	64	65	65	66	63	51	52	49	50		58.4	
MEADOWS OF DAN 5 SW	07	MAX	77	79	81	83	83	83	79	79	69	78	82	84	84	86	87	86	79	82	86	86	78	82	80	81	81		81	74	78	83	81.1	
		MIN	55	55	53	54	55	55	50	50	52	52	54	59	61	61	62	64	66	67	67	61	62	62	63	62	60	51	51	49	49	56	57.3	
MONTEBELLO FISH CULTURAL STN	07	MAX				83		84	77	62	62						83	83	83	85	82	80				81	79	78	74			M		
		MIN				46		49	42	44	47						60		66	65	67	68	60	59		54	47	48	43			M		
MONTICELLO	07	MAX																															M	
		MIN																															M	
ROCKY MT	07	MAX	84	83	84	85	87	70	80	73	71	81	87	89	89	91	90	89	80	85	88	87	81	85	85	88	87	80	82	78	82	87	83.6	
		MIN	59	57	50	51	53	61	49	52	52	53	54	61	61	68	65	65	66	66	70	65	64	65	67	67	64	51	57	49	51	58	59.0	
SOUTH BOSTON	07	MAX	88	87	87	88	89	81	85	81	81	84	90	92	90	92	91	88	88	84	89	89	81	85	89	90	87	86	85	83	84	86	86.7	
		MIN	62	62	58	58	63	64	62	55	54	57	61	65	69	70	69	70	70	72	71	68	69	69	71	74	69	58	61	55	55	55	63.9	
STUART	07	MAX	86	81	84	85	85	76	80	73	71	81	85	86	86	89	89	86	81	85	87	84	79	83	82	85	85	79	80	80	80	85	82.6	
		MIN	56	57	55	54	56	60	54	56	55	55	59	60	60	63	64	65	66	67	70	62	65	65	65	66	61	52	52	50	51	57	59.3	
NORTHERN 04																																		
FRONT ROYAL	06	MAX	81	81	80	83	87	73	74	67	71	80	87	90	90	91	87	83	80	84	89	87	86	85	86		82	80	78	80	84	82.4		
		MIN	59	52	52	53		52	44	50	50		54			50		55		67		69					50	52	52	62		M		
PURCELLVILLE	08	MAX																															M	
		MIN																															M	
LURAY 5 E	08	MAX	80	80	78	81	85	72	73	70	71	78	86	88	88	91	86	82	81	83	88	85	83	84	84	83	81	80	79	76	78	86	81.3	
		MIN	53	48	49	50	61	57	48	48	47	51	58	60	64	62	63	66	64	64	71	59	60	62	67	65	56	50	51	47	54	64	57.3	
MANASSAS	07	MAX	82	85	82	85	88	77	77	69	75	81	88	93	93	95	91	87	82	88	91	87	86	89	87	87	87	86	83	81	81	90	85.1	
		MIN	59	55	56	56	65	62	56	52	53	55	61	70		72	71	71	74	78	69	68	72	72	72	65	57	60	53	59	70	63.9		
MT WEATHER	07	MAX	76	76	76	79	82	71	70	64	69	74	82	85	85	88	83	78	74	78	84	79	81	83	80	81	79	78		75	84	78.4		
		MIN	59	58	60	62	67	58	54	50	52	58	65	69	70	69	65	64	64	66	68	62	64	69	67	64	65	58		59	64	62.5		
PIEDMONT RSCH STN	08	MAX	80	83	82	84	86	73	78	72	72	81	86	91	91	92	88	85	82	85	87	85	83	88	88	86	86	85	81	80	80	88	83.6	
		MIN	57	55	57	55	67	61	52	54	53	56	61	67	67	67	66	68	68	69	73	65	65	68	69	72	64	58	58	51	56	62	62.0	
SOMERSET	08	MAX	80	84	83	86	86	74	78	72	71	82	86	90	89	91	87	84	82	84	89	85	84	89	87	86	87	82		81	88	83.8		
		MIN	56	52	51	52	62	49	55	54	55	61	65	68	66	69	68	68	70	74	66	64	69	70	72	53	57		53	58		61.4		
SPERRYVILLE	06	MAX			82	85	91	75	75	71	74					98	91						87	89	91		85	83	81	84	92	M		
		MIN			53	55	56	64	56	50	55					68	68						63	66	70		57	59	54	56	66	M		
STERLING (RCS)	07	MAX	83	81	80	83	87	74	77	69	74	80	87	91	91	94	90	86	80	87	90	86	85	87	86	87	85	84	81	79	80	89	83.8	
		MIN	56	52	52	54	59	63	53	50	51	57	61	67	69	72	69	69	69	72	75	63	63	68	69	69	63	59	59	52	59	64	61.9	
VIENNA	07	MAX	79	78	76	80	84	70	72	68	71	86	84	90	89	92	87	83	79	82	88	83	84	84	83	82	82	80	77	79	86	86	81.5	
		MIN	57	53	53	55	57	60	54	48	48	58	60	60	61	68	68	66	66	69	73	63	63	63	63	62	62	57	57	50	51	62	59.7	
WASHINGTON DULLES INTL AP	24	MAX	82	80	84	86	73	77	69	75	80	87	91	91	95	90	85	80	86	91	87	86	88	86	87	86	85	81	80	80	89	92	84.3	
		MIN	57	52	52	55	64	59	53	50	52	60	64	65	68	72	69	68	70	73	70	63	64	66	71	66	62	56	57	50	60	70	61.9	
WASHINGTON REAGAN NATL AP	24	MAX	85	83	86	87	77	79	69	76	84	87	93	95	95	91	85	84	89	92	89	88	90	88	89	89	88	84	82	83	91	94	86.4	
		MIN	63	61	61	62	69	64	59	56	59	65	71	74	75	74	72	70	74	76	72	70	71	76	73	74	72	68	66	61	66	73	68.2	
WINCHESTER	07	MAX	83	81	80	84	87	72	74	66	72	81	86	90	91	93	88	83	81	86	90	86	86	86	85	87	84	83	81	80	83	90	83.3	
		MIN	58	54	57	55	58	62	55	50	53	60	63	66	69	69	68	69	67	68	72	63	63	68	69	66	64	60	61	51	57	66	62.0	
WINCHESTER 7 SE	08	MAX	82	80	80	83	87	73	74	68	72	81	87	90	91	93	87	84	82	85	90	86	86	86	85	86	83	82	80	79			82.9	

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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	
ELK CREEK 4SSW	07	MAX	74	73	73	76	77	72	72	68	65	71	77	77	78	79	81	81	75	76	78	75	73	77	72	80	77	68	72	69	75	78	74.6	
		MIN	56	55	57	61	62	57	48	51	51	56	60	64	65	63	64	62	63	65	65	58	61	64	65	60	56	54	54	52	57	63	59.0	
GALAX WTP	07	MAX	79	78	79	81	81	74	77	72	68	77	82	82	83	84	86	85	76	81	82	82	77	80	78	83	83	74	77	73	76	80	79.0	
		MIN	53	53	49	50	52	57	47	47	51	50	51	55	57	57	57	61	65	64	65	57	58	58	60	61	56	47	48	45	46	54	54.4	
GRUNDY	07	MAX	81	80	81	82	87	68	74	68	71	79	82	85	81	82	87	87	87	89	88	73	80	85	77	85	82	79	81	78	83	87	81.0	
		MIN	55	55	48	48	50	61	50	50	53	52	54	56	58	62	63	66	65	64	64	62	62	62	63	63	59	50	50	46	46	53	56.3	
JOHN FLANNAGAN LAKE	07	MAX		78			90	71	80	75	71			87		87	89	90			87	76	86	83	78			87		81	84	88	M	
		MIN		56			52	61	51	51	52			54		60	61	62			65	60	60	60	62			51		50	50	54	M	
LEBANON	07	MAX	77	79	79	82	85	75	74	71	70	77	81	85	84	83	86	87	81	86	87	73	81	81	81	85	82	76	78	75	81	86	80.3	
		MIN	54	51	47	48	50	59	46	46	52	48	49	56	60	57	59	59	62	62	63	58	57	57	63	61	60	48	48	45	45	57	54.2	
NORA 4 SSE	07	MAX	76	78	74	76	82	69	71	66	66	74	76	79	78	78	82	79	78	82	81	71	78	76	71	80	79	74	75	72	71	79	75.7	
		MIN	59	58	60	62	63	49	51	53	54	58	61	65	67	63	63	64	64	66	66	60	60	64	65	60	58	58	55	57	58	63	60.1	
PULASKI 2 E	07	MAX	77	77	78	80	84	69	74	71	69	76	81	83	82	82	83	85	76	79	84	79	78	81	78	83	80	76	76	79	82	78.6		
		MIN	56	52	45	49	64	57	45	54	52	49	54	58	64	61	62	63	65	63	66	59	60	60	65	61	56	52	52	41	53	60	56.6	
RADFORD 3 N	07	MAX	77	77	77	80	85	66	73	68	68	76	82	85	84	84	85	85	74	82	85	79	79	83	81	84	82	75	77	70	77	83	78.8	
		MIN	53	47	47	49	53	55	48	48	49	49	54	57	60	59	63	63	65	62	65	56	57	58	61	65	56	46	50	48	44	56	54.8	
RICHLANDS	07	MAX			78	80	84	70	73	70	70	72	79	83	83	79	83	86	78	84	86	75	78	80	76	84	80	76	80	73	81	85	78.8	
		MIN			47	48	48	60	46	47	54	54	49	55	57	59	59	59	62	61	61	61	58	60	61	63	58	48	48	45	45	53	54.5	
SALTVILLE 1N	07	MAX	77	78	79	82	84	74	74	72	69	77	81	85	84	82	85	87	83	83	87	77	79	81	76	86	80	76	76	74	81	86	79.8	
		MIN	55	54	48	51	59	59	47	48	53	50	54	57	59	58	60	61	65	64	64	62	58	59	62	62	59	48	50	45	46	55	55.7	
STAFFORDSVILLE 3 ENE	07	MAX	71	77	76	78	84	66	72	71	68	75	82	83	82	82	84	83	78	80	83	77	78	83	79	83	81	74	76	73	78	83	78.0	
		MIN	55	46	44	46	48	58	45	47	52	47	48	53	56	57	59	63	64	62	64	56	57	58	59	62	54	46	49	43	44	54	53.2	
WISE 1SE	09	MAX	75	76	77	79	81	69	70	66	64	75	78	81	81	78	82	83	83	83	84	72	77	78	72	81	78	74	75	72	78	82	76.8	
		MIN	51	52	49	51	63	58	47	51	49	51	57	61	63	58	59	62	61	61	67	55	57	66	66	60	58	49	50	46	59	67	56.8	
WYTHEVILLE	07	MAX	76	77	77	80	85	73	73	69	67	75	80	84	83	82	86	88	77	78	84	79	78	81	78	86	82	73	76	72	79	83	78.7	
		MIN	52	52	48	48	52	56	47	47	52	50	54	58	59	60	61	62	64	63	63	59	58	59	63	61	57	49	49	45	46	55	55.0	

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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																																
EMPORIA 1 WNW	SNOWFALL																																
FREDERICKSBURG SEWAGE	SNOWFALL																																
	SN ON GND		-																														
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																																
	SN ON GND																																
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																																
EASTERN PIEDMONT 02																																	
CROZIER	SNOWFALL																																
	SN ON GND		w	Ƴ																													
FARMVILLE 2 N	SNOWFALL																																
JOHN H KERR DAM	SNOWFALL																																
KEYSVILLE 2 S	SNOWFALL																																
	SN ON GND																																
LOUISA	SNOWFALL																																
PALMYRA 3S	SNOWFALL																																
PETERSBURG	SNOWFALL																																
RICHMOND INTL AP	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)

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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	
WINTERPOCK 4 W	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
201706

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 M M M
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Evaporation: Is measured in hundredths 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 52	82 46W	1464	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 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 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	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
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	08	08		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 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
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

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.

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).

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