



CLIMATOLOGICAL DATA

VIRGINIA

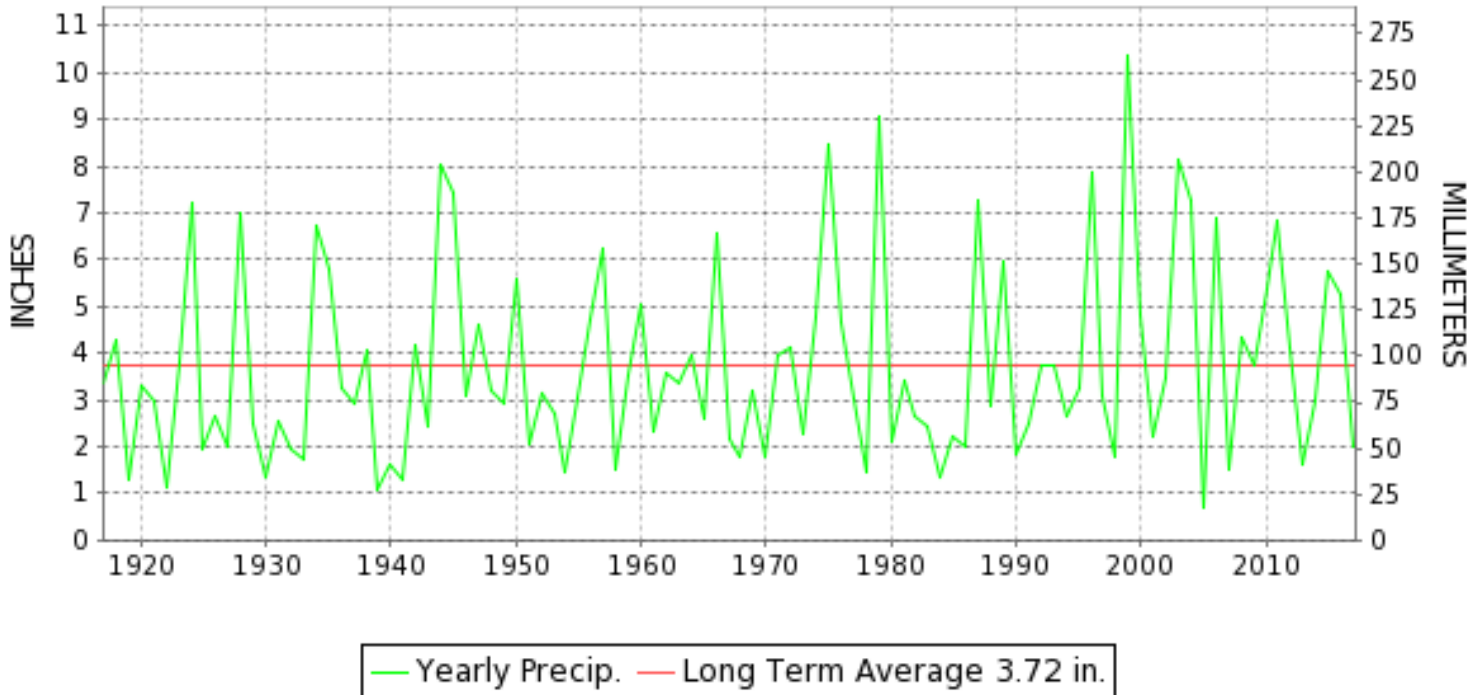
SEPTEMBER 2017

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SEPTEMBER PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

VIRGINIA

HIGHEST TEMPERATURE	96	SEPTEMBER 26	BREMO BLUFF
LOWEST TEMPERATURE	32	SEPTEMBER 30	WOODSTOCK 2 NE
GREATEST TOTAL PRECIPITATION	4.75		WOOLWINE
LEAST TOTAL PRECIPITATION	0.56		LEBANON
GREATEST 1 DAY PRECIPITATION	2.19	SEPTEMBER 02	CROZIER

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Atmospheric Administration

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Environmental Satellite, Data
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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											
VIRGINIA																									
TIDEWATER 01																									
DISPUTANTA	79.7	59.7	69.7	-0.2	87	28	49	10+	15	165	0	0	0	0	1.12	-3.59	0.71	02	M	0	0	0	5	2	0
EMPORIA 1 WNW	82.8	61.9	72.4	1.6	91	25	52	11+	1	229	3	0	0	0	M 1.38	-3.04	0.68	02	M	0	0	0	4	4	0
FREDERICKSBURG SEWAGE	79.2M	59.9M	69.5M	0.5	88	28	51	12+	33E	178E	0	0	0	0	M 1.33	-2.99	0.66	07	M 0.0	0	0	0	6	4	0
HOLLAND 1 E	81.4	63.9	72.7	1.4	88	21	53	30	2	238	0	0	0	0	2.68	-2.47	1.40	02	M	0	0	0	11	4	1
HOPEWELL	82.2M	62.5M	72.4M	-0.4	90	27	52	10	6E	233E	1	0	0	0	M 1.61	-3.01	0.60	02	M	0	0	0	8	6	0
NORFOLK INTL AP	80.2	67.1	73.7	1.4	89	05	58	30+	0	267	0	0	0	0	1.99	-2.77	0.83	02	0.0	0	0	0	7	6	0
NORFOLK S	78.6	64.8	71.7	-0.4	87	05	55	08	3	212	0	0	0	0	1.99	-3.08	0.61	02	M	0	0	0	11	6	0
NORTH	77.5	63.2	70.4	0.0	84	21+	53	10	10	174	0	0	0	0	2.03	-3.04	0.90	02	0.0	0	0	0	4	4	0
PAINTER 2W	81.0	62.7	71.9	1.0	87	06+	51	30	7	221	0	0	0	0	3.51	-0.45	1.95	07	M	0	0	0	10	5	1
STONY CREEK 2 N	81.2	59.9	70.5	-0.2	89	27	51	30+	13	185	0	0	0	0	0.94	-3.47	0.60	01	M	0	0	0	8	2	0
SUFFOLK LAKE KILBY	78.5	63.2	70.9	-0.5	85	28+	54	10+	7	189	0	0	0	0	3.13	-2.19	1.00	02	0.0	0	0	0	10	6	1
WAKEFIELD 1NW	81.3	60.2	70.7	0.7	88	28+	48	30	11	190	0	0	0	0	1.50	-3.66	0.74	06	M 0.0	0	0	0	7	3	0
WALKERTON 2 NW	81.4	62.2	71.8	0.9	90	24	49	10	9	219	1	0	0	0	2.66	-1.08	1.60	01	0.0	0	0	0	4	4	1
WALLACETON LK DRUMMOND	84.2	54.4	69.3	0.8	91	16	41	30	11	148	5	0	0	0	2.94	0	0.96	07	M	0	0	0	10	8	0
WALLOPS ISLAND NASA TEST FACIL	78.0	63.1	70.6	1.1	85	21	51	10	9	183	0	0	0	0	1.84	-2.14	1.03	06	0.0	0	0	0	9	4	1
WARSAW 2 NW	84.3M	61.6M	73.0M	2.5	90	23	47	10	3E	273E	1	0	0	0	1.30	-2.93	1.06	02	M	0	0	0	6	2	1
WEST POINT 2 NW	81.6	60.9	71.2	0.6	88	24+	51	10+	8	203	0	0	0	0	3.46	-1.05	1.48	02	0.0	0	0	0	6	5	2
WILLIAMSBURG 2 N	81.0	64.2	72.6	2.2	89	21+	55	08	1	237	0	0	0	0	2.03	-2.87	1.14	01	M	0	0	0	9	4	1
--DIVISIONAL DATA----->			71.4	0.9B														2.21	-2.16B						
EASTERN PIEDMONT 02																									
ALBERTA 5N															1.03		0.58	02	0.0	0		4	3	0	
AMELIA COURTHOUSE 1	81.1M	60.3M	70.7M	1.9	90	30+	49	10	18E	195E	2	0	0	0	1.35	-2.47	0.78	02	0.0	0	0	0	6	3	0
ASHLAND	79.0	59.0	69.0	0.1	87	24	48	10	31	156	0	0	0	0	2.73	-1.03	1.10	02	0.0	0	0	0	6	6	1
BREMO BLUFF	84.8M	55.7M	70.2M	0.2	96	26	41	11	25E	190E	6	0	0	0	M 3.18	-0.53	1.74	02	M 0.0	0	0	0	5	4	1
BUCKINGHAM															3.08		1.46	02	0.0	0		6	4	1	
CAMP PICKETT	76.9M	52.6M	64.7M	-3.8	89	28	37	13+	76E	77E	0	0	0	0	0.88	-3.18	0.55	02	M	0	0	0	2	2	0
CHASE CITY	80.2	58.7	69.4	-0.3	90	29	49	09+	22	160	1	0	0	0	1.02	-3.07	0.60	02	M	0	0	0	3	2	0
CLARKSVILLE	82.7	60.9	71.8	1.0	93	29	51	08	8	220	6	0	0	0	1.18	-2.57	0.58	02	0.0	0	0	0	4	4	0
CORBIN	78.5	58.4	68.5	0.2	87	27+	47	10	38	148	0	0	0	0	1.36	-2.75	0.59	07	M	0	0	0	5	3	0
CROZIER	77.8	57.2	67.5	-0.9	86	26+	45	11+	49	132	0	0	0	0	3.71	0.27	2.19	02	0.0	0	0	0	4	4	1
FARMVILLE 2 N	81.5	58.5	70.0	1.8	90	29+	48	10	23	179	3	0	0	0	1.49	-2.49	1.32	02	M	0	0	0	2	2	1
JOHN H KERR DAM	84.0	62.1	73.1	1.4	95	29	50	10	5	253	7	0	0	0	0.89	-2.58	0.60	02	M	0	0	0	5	3	0
KEYSVILLE 2 S	80.2	59.0	69.6		90	21	49	11+	33	180	1	0	0	0	2.00		1.02	07	0.0	0	0	0	5	3	1
LOUISA	79.7	55.2	67.4	-1.0	89	27	41	10	49	131	0	0	0	0	2.22	-1.96	0.74	06	M	0	0	0	9	5	0
PALMYRA 3S	78.1	55.0	66.5	0.9	88	28	43	08	61	115	0	0	0	0	3.20	-0.47	2.03	02	M	0	0	0	5	3	1
PETERSBURG	81.1	60.5	70.8	0.2	89	28+	50	09	11	196	0	0	0	0	1.27	-2.99	0.88	01	M	0	0	0	6	3	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										
RICHMOND INTL AP	81.3	60.8	71.1	0.5	90	27+	51	30+	12	202	3	0	0	0	1.48	-2.65	0.83	01	0.0	0		7	2	0
WINTERPOCK 4 W														1.49		0.78	02	M	0		6	4	0	
--DIVISIONAL DATA-----> WESTERN PIEDMONT 03			69.4	0.9B										1.79	-2.24B									
ALTAVISTA														2.02		1.00	02	0.0	0		6	3	1	
APPOMATTOX	80.2	57.7	69.0	1.4	90	29+	48	30	43	170	2	0	0	2.52	-1.78	0.81	02	0.0	0		8	5	0	
BEDFORD														1.42	-2.59	0.58	07	0.0	0		8	3	0	
BROOKNEAL	80.6	56.5	68.6	5.2	91	29+	44	08	40	154	3	0	0	2.07	-1.81	0.94	07	0.0	0		5	4	0	
CHARLOTTESVILLE 2W	78.7	59.7	69.2	0.4	88	28+	50	10	41	175	0	0	0	2.99	-1.91	1.20	07	0.0	0		5	5	2	
CHATHAM	78.4	55.7	67.0	0.9	88	28	44	10+	52	122	0	0	0	2.61	-1.84	0.90	07	0.0	0		7	7	0	
CONCORD 4 SSW														2.29		0.92	02	0.0	0		7	4	0	
DANVILLE RGNL AP	80.1	58.1	69.1	-0.8	90	28+	48	10	32	163	2	0	0	2.60	-1.39	1.17	01	0.0	0		5	3	2	
FREE UNION	78.4	56.4	67.4		88	28	48	30+	47	123	0	0	0	2.29		0.96	07	0.0	0		6	5	0	
HOLCOMB ROCK														3.08		1.09	06	0.0	0		5	5	1	
HUDDLESTON 4 SW														2.12		1.05	02	0.0	0		5	3	1	
LYNCHBURG INTL AP	78.6	57.0	67.8	0.8	89	28+	45	08	51	141	0	0	0	1.91	-1.97	0.70	01	0.0	0		7	4	0	
MARTINSVILLE FLTR PLT	79.7	54.8	67.2	0.6	90	28	45	11+	46	121	1	0	0	3.68	-0.88	1.33	02	0.0	0		8	5	2	
MEADOWS OF DAN 5 SW	76.0	55.5	65.7		87	28	47	11+	60	91	0	0	0	2.81		0.72	07	0.0	0		8	6	0	
MONTEBELLO FISH CULTURAL STN	M	M	M		76	16	44	12+	219E	0	0	0	0	M				M	0					
MONTICELLO	M	M	M								0	0	0	M				M						
PEDLAR DAM														1.79		0.68	02	0.0	0		5	4	0	
ROCKY MT	78.0M	55.7M	66.8M	0.4	91	28	44	11+	61E	125E	1	0	0	3.29	-1.30	1.01	13	M 0.0	0		9	6	1	
S BOSTON	83.1	59.7	71.4	3.0	92	29+	51	30+	8	206	6	0	0	2.13	-1.85	1.02	07	0.0	0		6	3	1	
STUART	78.4	56.7	67.6	-0.5	91	28	45	07	44	129	1	0	0	3.28	-1.36	0.84	02	0.0	0		7	5	0	
WOOLWINE														4.75		1.83	13	0.0	0		7	5	2	
--DIVISIONAL DATA-----> NORTHERN 04			68.1	0.5B										2.61	-1.77B									
FRONT ROYAL	77.1M	M	M		88	28	47	12	59E	116E	0	0	0	M 1.13	-3.37	0.65	07	M 0.0	0		6	3	0	
PURCELLVILLE	76.9M	55.0M	65.9M	0.3	88	25	45	12+	75E	113E	0	0	0	M 2.50		1.19	06	M 0.0	0		6	4	1	
LURAY 5 E	77.7	53.9	65.8	-0.7	88	26	42	10	74	105	0	0	0	0.89	-3.64	0.57	07	0.0	0		5	2	0	
MANASSAS	77.9M	58.1M	68.0M	-0.6	88	28	50	12+	42E	143E	0	0	0	A 1.70		0.58	07	0.0	0		5	5	0	
PIEDMONT RSCH STN	78.9	59.6	69.2	1.2	89	28	47	08	38	172	0	0	0	MA 2.38	-1.65	0.90	07	M 0.0	0		5	3	0	
SOMERSET	79.3	56.3	67.8	0.5	89	28	46	11+	48	140	0	0	0	2.38	-1.86	1.10	07	0.0	0		7	4	1	
SPERRYVILLE	81.3M	58.7MF	70.0MF	3.3	90	26	47	08	57E	181E	1	0	0	MA 1.66	-3.31	0.99	07	M 0.0	0		6	3	0	
STERLING (RCS)	78.7	57.4	68.0	1.2	89	28+	44	08	48	150	0	0	0	1.74	-2.26	0.65	07	0.0	0		6	4	0	
VIENNA	76.2	56.7	66.5	0.4	88	25	47	11+	61	114	0	0	0	1.50	-2.68	0.57	07	0.0	0		6	5	0	
WASHINGTON DULLES INTL AP	78.8	58.2	68.5	0.6	89	27+	47	10	40	155	0	0	0	1.75	-2.17	0.66	02	0.0	0		5	3	0	
WASHINGTON REAGAN NATL AP	80.8	64.2	72.5	1.5	92	24	53	10	6	241	3	0	0	1.43	-2.29	0.77	02	0.0	0		4	2	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										
WINCHESTER	80.7	56.9	68.8	2.7	91	28+	46	12+	41	163	4	0	0	0	2.28	-1.46	1.35	06	0.0	0		6	4	1
WINCHESTER 7 SE	78.9M	52.4M	65.6M	0.5	89	23	40	11	68E	93E	0	0	0	0	M 1.28	-2.63	0.72	07	M 0.0	0		8	3	0
WOODSTOCK 2 NE	80.0M	52.7M	66.3M	1.5	94	28	32	30	67E	114E	1	0	1	0	0.72	-3.16	0.50	07	0.0	0		4	3	0
--DIVISIONAL DATA-----> CENTRAL MOUNTAIN 05			67.9	1.9B											1.60	-2.47B								
BUENA VISTA															2.49		0.87	02	0.0	0		8	4	0
COVINGTON FLTR PLT	75.6	53.0	64.3	-2.0	88	28	43	30+	81	67	0	0	0	0	1.35	-1.89	0.67	02	0.0	0		8	3	0
DALE ENTERPRISE	76.8M	52.9M	64.8M	0.2	87	28	42	11+	79E	80E	0	0	0	0	M 1.05	-2.49	0.47	02	M 0.0	0		6	2	0
GATHRIGHT DAM	73.9	53.7	63.8	-0.2	86	28	44	12+	90	62	0	0	0	0	1.92	-1.45	1.48	02	0.0	0		7	2	1
GLASGOW 1 SE															2.85		0.97	02	0.0	0		7	5	0
HOT SPRINGS	74.8	52.3	63.6	0.9	87	28	42	11+	98	62	0	0	0	0	1.92	-1.73	1.26	02	0.0	0		8	3	1
LEXINGTON	79.0	54.3	66.7	0.0	90	28	44	08	59	117	1	0	0	0	2.62	-0.90	0.95	06	0.0	0		7	4	0
MILLGAP	73.3	46.8	60.1	0.5	86	28	34	30+	151	11	0	0	0	0	2.09	-1.50	1.41	02	0.0	0		7	5	1
MTN GROVE															1.93		1.26	02	0.0	0		6	4	1
MUSTOE 1 SW	71.4	47.3	59.4	-0.6	83	27+	35	30+	169	6	0	0	0	0	2.20	-1.46	1.06	01	0.0	0		8	4	1
NEW CASTLE															1.51		0.59	02	0.0	0		9	4	0
ROANOKE 8 N	78.9	56.0	67.4	-0.6	90	28	46	09+	47	125	1	0	0	0	2.72	-1.42	0.84	02	0.0	0		10	5	0
ROANOKE INTL AP	79.6	57.9	68.8	0.7	93	27	47	10+	37	160	2	0	0	0	2.38	-1.51	0.70	01	0.0	0		9	4	0
STAUNTON WTP	75.9	54.8	65.3	0.1	87	28+	44	10	76	93	0	0	0	0	1.38	-2.41	0.72	02	0.0	0		6	3	0
WAYNESBORO WTP	76.9	53.5	65.2	0.3	87	28+	42	11+	78	91	0	0	0	0	2.33	-2.37	1.04	02	0.0	0		6	4	1
WILLIAMSVILLE 2 S															1.74		1.20	02	0.0	0		3	3	1
--DIVISIONAL DATA-----> SOUTHWESTERN MOUNTAIN 06			64.5	-0.6B											2.10	-1.49B								
ABINGDON 3S	76.9	53.5	65.2	-0.4	87	24	43	08	62	75	0	0	0	0	1.58	-1.77	0.50	06	0.0	0		8	7	0
BIG STONE GAP	77.3	54.1	65.7	-1.5	88	24	44	09+	52	81	0	0	0	0	1.39	-2.49	0.52	02	0.0	0		12	4	0
BLACKSBURG NWSO	75.6M	53.7M	64.6M	1.5	87	28	42	07	68E	68E	0	0	0	0	1.45	-1.65	0.59	02	0.0	0		10	3	0
BURKES GARDEN	70.7M	46.0M	58.4M	-1.2	81	28	35	30+	196E	2E	0	0	0	0	2.24	-1.07	0.60	13	0.0	0		11	7	0
CHRISTIANSBURG	73.9	53.1	63.5	-0.9	86	28	44	08	99	60	0	0	0	0	1.75	-1.73	0.48	07	0.0	0		10	4	0
CLINTWOOD 1 W	74.4	51.9	63.1	-0.3	83	24	41	09+	87	39	0	0	0	0	1.76	-1.52	0.76	02	0.0	0		8	5	0
COPPER HILL	70.8	53.7	62.3		81	28	44	09+	112	38	0	0	0	0	3.41		1.67	13	0.0	0		9	5	1
ELK CREEK 4SSW	70.8	55.9	63.4		81	28	44	07	95	54	0	0	0	0	2.55		1.17	12	0.0	0		9	6	1
GALAX WTP	74.8	51.0	62.9	0.5	85	28	40	11	98	43	0	0	0	0	3.94		1.12	12	0.0	0		10	6	1
GRUNDY	75.8	55.1	65.4	-0.2	85	24	44	30	59	80	0	0	0	0	1.66	-1.48	0.57	06	0.0	0		7	6	0
JOHN FLANNAGAN LAKE	M	M	M		91	27+	46	11	32E	159E	3	0	0	0	M				0.0	0				
LEBANON	77.1	51.5	64.3	-0.5	87	24	41	30+	69	53	0	0	0	0	0.56	-2.53	0.18	02	0.0	0		8	3	0
NORA 4 SSE	73.2	57.1	65.1	-0.1	83	24	47	08+	77	90	0	0	0	0	1.91	-1.40	1.06	02	0.0	0		7	4	1
PULASKI 2 E	74.4	52.2	63.3	-0.8	85	28	39	10	96	52	0	0	0	0	2.06	-1.00	0.72	02	0.0	0		10	5	0

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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	75.0	52.9	63.9	0.6	85	28+	42	08+	89	66	0	0	0	0	1.84	-1.17	0.55	02	0.0	0		11	6	0
RICHLANDS	76.9	51.6	64.3	-0.1	88	24	41	30+	69	53	0	0	0	0	M 1.41	-1.72	0.68	06	0.0	0		9	3	0
SALTVILLE 1N	77.0	53.0	65.0	-0.5	89	24	42	30	58	66	0	0	0	0	1.53	-1.75	0.55	06	0.0	0		8	5	0
STAFFORDSVILLE 3 ENE	74.3	51.3	62.8	-0.9	85	28	41	09+	103	46	0	0	0	0	1.33	-1.76	0.51	02	0.0	0		7	3	0
WILLIS															3.45	1.54	06	06	0.0	0		8	5	1
WISE 1SE	74.7	53.4	64.1	-0.1	85	28+	42	30+	81	58	0	0	0	0	2.34	-1.26	1.02	02	0.0	0		10	5	1
WYTHEVILLE	74.3	52.3	63.3	0.7	85	28	41	09+	96	50	0	0	0	0	2.90	-0.29	0.79	13	0.0	0		10	7	0
--DIVISIONAL DATA----->			63.7	0.1B											2.09	-1.38B								

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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	1.12		0.71	0.08				0.29					0.02							0.02															
EMPORIA 1 WNW	M 1.38		0.68	0.16				0.44					0.10			-																			
FREDERICKSBURG SEWAGE	M 1.33		0.31	0.11			0.02	0.66	-				0.18	0.05																					
HOLLAND 1 E	2.68	0.35	1.40	0.01		0.06	0.32	0.02						0.04					0.09	0.01										0.37	0.01				
HOPEWELL	M 1.61	0.32	0.60	0.11		-	0.10	0.23					0.07	0.04	0.14											-									
NORFOLK INTL AP	1.99	0.18	0.83			0.03	0.19	T						0.40			T	0.22	T							T	0.14	T							
NORFOLK S	1.99	0.22	0.61			0.02	0.28	0.01				T		0.32			0.03	0.15	0.04								0.29	0.02							
NORTH	2.03		0.90	0.15				0.40	0.58																										
PAINTER 2W	3.51	0.10	0.73	0.03			0.45	1.95												0.02	0.12	0.08					0.01	0.02							
STONY CREEK 2 N	0.94	0.60	0.07		0.01	0.03	0.09					0.12					0.01	0.01																	
SUFFOLK LAKE KILBY	3.13	0.36	1.00	0.04			0.44	0.02				T		0.46			T	0.12	0.03								0.62	0.04							
WAKEFIELD 1NW	1.50	0.48	0.12			0.05	0.74					0.07		T				0.03									0.01	T							
WALKERTON 2 NW	2.66	1.60	0.79	0.17									0.10																						
WALLACETON LK DRUMMOND	2.94	0.35	0.64				0.20	0.96								0.10			0.12	0.05	0.10						0.07	0.35							
WALLOPS ISLAND NASA TEST FACIL	1.84	0.25	0.10			T	1.03	0.03					0.01	T	0.05		T	0.04	0.32								T	0.01					T		
WARSAW 2 NW	1.30		1.06				0.03	0.15						0.01					0.03	0.02															
WEST POINT 2 NW	3.46	0.47	1.48	0.36			1.01	0.13					0.01	T					T	T							T								
WILLIAMSBURG 2 N	2.03	1.14	0.22		0.01	0.04	0.44	0.05			0.02								0.10	0.01															
EASTERN PIEDMONT 02																																			
ALBERTA 5N	1.03	T	0.58	0.07				0.15					T	0.23	T	T																			
AMELIA COURTHOUSE 1	1.35		0.78	0.21									0.01		0.31	0.01																			
ASHLAND	2.73	0.97	1.10	0.10			0.33	0.13					T	0.10					T																
BREMO BLUFF	M 3.18		1.74	0.22			-	-	-	0.95				0.26	0.01																				
BUCKINGHAM	3.08		1.46	0.04			0.36	0.96					0.01	0.25		T																			
CAMP PICKETT	0.88		0.55					0.33																											
CHASE CITY	1.02		0.60					0.33																											
CLARKSVILLE	1.18	0.10	0.58					0.35						0.15																					
CORBIN	1.36	0.08	0.51	0.04				0.59						0.14																					
CROZIER	3.71		2.19	0.28				0.92						0.32																					
FARMVILLE 2 N	1.49		1.32	0.17										T	T																				
JOHN H KERR DAM	0.89	0.01	0.60	0.01				0.15						0.12																					
KEYSVILLE 2 S	2.00	T	0.77	0.17				1.02						0.03	0.01	T																			
LOUISA	2.22	0.33	0.62	0.04		0.08	0.74	0.10					0.01	0.28	0.02																				
PALMYRA 3S	3.20		2.03	0.03			0.07	0.82						0.25																					
PETERSBURG	1.27	0.88	0.08				0.13						0.10		0.05										0.03										
RICHMOND INTL AP	1.48	0.83	0.41	0.06			0.07				0.02	0.03	0.06	T	T					T															
WINTERPOCK 4 W	1.49		0.78	0.21				0.24					T	0.08	0.01	0.17																			
WESTERN PIEDMONT 03																																			
ALTAVISTA	2.02		1.00	0.03				0.75						0.21	0.01																				
APPOMATTOX	2.52		0.81	0.02			0.22	0.78					0.02	0.52	0.01																				

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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	1.42	0.01	0.37	0.01			0.04	0.58				0.03	0.37	0.01																						
BROOKNEAL	2.07		0.79	0.10			T	0.94				0.04	0.20																							
CHARLOTTESVILLE 2W	2.99		1.13	0.12			0.28	1.20				T	0.26	T	T																					
CHATHAM	2.61	0.10	0.85	0.11				0.90				0.14	0.33	0.18																						
CONCORD 4 SSW	2.29		0.92	0.08			0.11	0.86				0.02	0.28	0.02																						
DANVILLE RGNL AP	2.60	1.17	0.05	T			1.03				T	0.34	T	0.01	T						T															
FREE UNION	2.29		0.74	0.11			0.26	0.96					0.20		0.02																					
HOLCOMB ROCK	3.08		0.80	0.13			1.09	0.44					0.62	T																						
HUDDLESTON 4 SW	2.12		1.05	0.09			0.04	0.61					0.33																							
LYNCHBURG INTL AP	1.91	0.70	0.18			0.05	0.69				0.03	0.18	0.08	T	T	T																				
MARTINSVILLE FLTR PLT	3.68	0.05	1.33	0.06			0.08	0.83				0.20	1.03	0.10																						
MEADOWS OF DAN 5 SW	2.81		0.11	0.60			0.29	0.72				0.40	0.66	0.02	0.01																					
MONTEBELLO FISH CULTURAL STN	M	-	1.33	-	-	-	0.82		-	-	0.01	0.02	0.65	0.02				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONTICELLO	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PEDLAR DAM	1.79	T	0.68	T			0.44	0.41				0.03	0.23	T						T																
ROCKY MT	3.29	0.03	0.82	0.22			0.38	0.65				0.13	1.01		T	0.02																				
S BOSTON	2.13	0.02	0.86	0.02				1.02					0.20	0.01																						
STUART	3.28	0.02	0.84	0.08			0.20	0.80				0.57	0.77																							
WOOLWINE	4.75	0.02	1.30	0.05			0.23	0.64				0.68	1.83																							
NORTHERN 04																																				
FRONT ROYAL	M 1.13		0.05	0.16	-		0.22	0.65							0.02	0.03																				
PURCELLVILLE	M 2.50		0.05	0.28			1.19	0.76					0.18	0.04																						
LURAY 5 E	0.89		0.25	0.01			0.02	0.57						0.04																						
MANASSAS	A 1.70		0.50	0.25			0.15	0.58				T	0.12	*	0.10 _a																					
PIEDMONT RSCH STN	MA 2.38	*	*	0.68 _a			0.43	0.90		-	-		0.34	0.02			-	-	0.01																	
SOMERSET	2.38		0.71	0.05			0.32	1.10					0.17	0.02			0.01																			
SPERRYVILLE	MA 1.66		0.21	0.20			0.06	0.99		-		*	0.13 _a	0.02	0.05																					
STERLING (RCS)	1.74		0.39	0.31			0.29	0.65					0.07	0.03	T					T																
VIENNA	1.50		0.24	0.31			0.23	0.57					0.10	0.05																						
WASHINGTON DULLES INTL AP	1.75	T	0.66	T		0.32	0.65						0.09	0.03																						
WASHINGTON REAGAN NATL AP	1.43	T	0.77	T		0.07	0.55						0.04	T																						
WINCHESTER	2.28		0.21				1.35	0.51					0.07	0.03	0.11																					
WINCHESTER 7 SE	M 1.28	-	0.05	0.13			0.22	0.72	0.02				0.08	0.02	0.04																					
WOODSTOCK 2 NE	0.72		0.11				0.10	0.50				T		0.01																						
CENTRAL MOUNTAIN 05																																				
BUENA VISTA	2.49	0.01	0.87	0.06			0.76	0.47				0.03	0.27		0.02																					
COVINGTON FLTR PLT	1.35		0.67	0.04			0.06	0.34				0.01	0.15	0.05																					0.03	
DALE ENTERPRISE	M 1.05		0.47	0.03	0.03		0.05	0.45					0.02																							
GATHRIGHT DAM	1.92		1.48	0.06			0.03	0.25				T	0.08	0.01	T																			0.01		
GLASGOW 1 SE	2.85		0.97	0.11			0.41	0.42				0.02	0.91	T	0.01																				T	
HOT SPRINGS	1.92		1.26	0.06			0.03	0.27					0.25	0.02	0.01																				0.02	
LEXINGTON	2.62		0.94	0.03			0.95	0.54				0.03	0.11		0.02																				T	

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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				
MILLGAP	2.09		1.41	0.10			0.06	0.20					0.10		0.02								0.20													
MTN GROVE	1.93		1.26	0.07				0.24					0.16		0.04							0.16														
MUSTOE 1 SW	2.20	1.06	0.66	T		0.04	0.24					0.10	0.03	0.02							0.05															
NEW CASTLE	1.51	0.02	0.59	0.05			0.10	0.34				0.01	0.35	0.03					0.02																	
ROANOKE 8 N	2.72		0.84	0.08			0.32	0.56	0.05			0.05	0.37	0.03					0.07				0.35													
ROANOKE INTL AP	2.38	0.70	0.32			0.02	0.55				0.01	0.67	0.05	0.03			0.03	T			T															
STAUNTON WTP	1.38	0.02	0.72	0.04	T		0.22	0.33	T		T	T	0.05	T			T	T			T	T	T	T							T					
WAYNESBORO WTP	2.33	0.09	1.04	0.06			0.30	0.66					0.18																							
WILLIAMSVILLE 2 S	1.74		1.20	0.20			T	0.34					T																							
SOUTHWESTERN MOUNTAIN 06																																				
ABINGDON 3S	1.58	0.20	0.15	0.35			0.50					0.13	0.03	0.10	0.12																					
BIG STONE GAP	1.39	0.10	0.52	0.07			0.07			0.02	0.01	0.09	0.22	0.03	0.02	0.02							0.01	0.01												
BLACKSBURG NWSO	1.45	T	0.59	0.04			0.01	0.35				0.05	0.22	0.03	0.02				0.06			0.08	T													
BURKES GARDEN	2.24	0.21	0.35	0.18			0.26	0.21				0.23	0.60	0.06	0.03							0.08	0.03													
CHRISTIANSBURG	1.75	T	0.45	0.03			0.01	0.48				0.05	0.41	0.02	0.03				0.25			0.02														
CLINTWOOD 1 W	1.76	0.24	0.76	0.05			0.29					0.10	0.01	0.27	0.04							T														
COPPER HILL	3.41		0.50	0.04			0.08	0.83				0.10	1.67	0.05	0.03							0.11														
ELK CREEK 4SSW	2.55	0.10	0.28	0.03			0.13	0.23				1.17	0.56	0.04									0.01													
GALAX WTP	3.94	0.15	0.82	0.03			0.08	0.56				1.12	0.92	0.02							0.02		0.22													
GRUNDY	1.66	0.10	0.18	0.20			0.57					0.08	0.11	0.42																						
JOHN FLANNAGAN LAKE	M	0.06	-	-	-	-	0.49			-	-	0.09	-	-	0.47	-	-																			
LEBANON	0.56	0.11	0.18	0.04								0.05	0.03	0.11	0.03						0.01															
NORA 4 SSE	1.91	0.20	1.06	0.06			0.36					0.13	T	0.06	0.04																					
PULASKI 2 E	2.06	0.12	0.72	0.04			0.09	0.31				0.32	0.35	0.06	0.02								0.03													
RADFORD 3 N	1.84	0.02	0.55	0.03			0.01	0.26				0.10	0.20	0.04	0.02							0.18	0.43													
RICHLANDS	M 1.41	0.07	-	0.30			0.68	0.03				0.08	0.01	0.03	0.03						0.18															
SALTVILLE 1N	1.53	0.14	0.24	0.26			0.55					0.15	0.04	0.08	0.07																					
STAFFORDSVILLE 3 ENE	1.33		0.51	0.08			0.04	0.35	T			0.03	0.30	0.02																						
WILLIS	3.45	0.03	0.33	0.05			1.54	0.77				0.28	0.40	0.05								T														
WISE 1SE	2.34	0.60	1.02	0.05	0.01		0.35	0.01				0.12	0.04	0.12	0.02																					
WYTHEVILLE	2.90	0.17	0.25	0.05			0.14	0.36				0.71	0.79	0.04								0.38	0.01													

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DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE					
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
VIRGINIA TIDEWATER 01																																							
DISPUTANTA	07	MAX	86	69	71	79	83	86	79	75	76	74	71	72	78	83	81	83	84	83	78	80	85	86	86	85	86	84	76	87	76	70					79.7		
		MIN	63	63	62	55	56	63	58	49	51	49	50	55	60	64	63	63	64	65	67	62	61	61	58	60	60	61	69	68	58	54					59.7		
EMPORIA 1 WNW	08	MAX	86	72	73	80	85	87	82	75	78	78	77	72	77	85	82	84	87	86	82	84	89	89	90	89	91	86	80	89	90	79					82.8		
		MIN	67	59	63	61	60	66	58	53	54	52	52	58	65	67	65	64	64	67	67	64	65	64	62	62	61	62	71	68	60	57					61.9		
FREDERICKSBURG SEWAGE	07	MAX	85	65	64	82	84	87	67			72	69	70	77	83	83	82	85	83	79			87	84			87	80	88	82	76					79.2		
		MIN	64	55	56	56	61	66	56			51	51	51	60	65	62	62	64	66	66			62	60			64	67	68	52	52					59.9		
HOLLAND 1 E	08	MAX	85	80	79	84	87	82	80	76	78	71	73	77	84	83	85	84	81	82	80	86	88	86	84	86	81	78	85	87	76	75					81.4		
		MIN	60	54	62	59	63	64	67	63	64	64	55	64	69	69	68	66	65	71	62	66	62	63	66	63	61	71	75	69	58	53					63.9		
HOPEWELL	16	MAX	86	67	79	83		87	74	76	75	75	72	80	84	84	84	85	84	84	85	88	88	86	86	89		84	90		87	78					82.2		
		MIN	59	55	61	58		63	58	55	59	52	57	62	69	68	67	65	69	68	64	65	65	66	61	63		70	73		59	56					62.5		
NORFOLK INTL AP	24	MAX	76	80	80	85	89	85	77	76	74	72	74	76	87	84	84	81	79	80	78	88	85	85	82	83	76	76	83	87	72	71					80.2		
		MIN	62	64	67	63	71	67	61	58	59	63	65	69	71	69	71	71	72	73	72	70	67	67	66	66	71	73	76	72	60	58					67.1		
NORFOLK S	24	MAX	75	78	78	84	87	84	75	75	72	70	73	76	85	82	83	80	78	78	76	84	83	82	80	82	75	75	81	85	73	69					78.6		
		MIN	60	62	66	61	69	65	60	55	56	61	59	67	69	67	69	69	68	71	70	68	64	65	64	64	65	70	74	72	59	56					64.8		
NORTH	07	MAX	82	67	75	75	80	84	71	72	74	71	69	71	76	81	79	79	81	79	77	76	84	83	79	82	83	81	76	83	83	73					77.5		
		MIN	66	57	65	60	66	68	61	56	56	53	55	60	60	67	65	67	65	67	70	68	64	66	65	64	63	67	71	71	57	57					63.2		
PAINTER 2W	16	MAX	86	75	77	84	87	87	77	76	75	72	74	79	85	85	85	86	81	79	77	82	85	83	83	85	85	81	84	84	81	71					81.0		
		MIN	62	56	68	57	68	68	61	54	54	52	55	61	65	67	65	66	64	68	70	69	63	66	62	60	60	69	74	74	53	51					62.7		
STONY CREEK 2 N	08	MAX	74	70	80	85	88	79	76	77	75	71	72	78	85	82	84	85	84	80	82	88	88	87	86	88	86	78	89	88	77	73					81.2		
		MIN	58	58	63	58	58	62	57	51	52	51	51	56	63	66	62	63	63	65	67	64	64	61	59	59	60	70	67	57	51					59.9			
SUFFOLK LAKE KILBY	24	MAX	73	78	75	80	84	80	80	74	73	70	73	76	81	78	82	82	80	79	77	84	85	83	82	84	78	74	81	85	74	70					78.5		
		MIN	59	61	64	61	67	63	58	54	55	54	57	65	68	66	69	68	68	70	69	66	65	65	63	63	64	70	63	66	59	56					63.2		
WAKEFIELD 1NW	24	MAX	73	75	80	85	88	82	76	76	76	73	73	79	85	81	84	85	83	82	82	87	88	87	86	87	84	77	87	88	77	73					81.3		
		MIN	57	60	59	56	66	62	54	50	51	50	54	62	67	67	62	63	64	67	67	63	61	62	58	61	59	69	69	62	55	48					60.2		
WALKERTON 2 NW	18	MAX	76	75	81	83	86	76	76	78	73	73	73	79	86	84	84	85	86	82	82	88	87	85	86	90	88	78	88	86	77	71					81.4		
		MIN	57	66	60	58	66	70	63	50	55	49	61	60	65	64	68	63	64	71	70	66	61	64	59	60	70	74	68	52	52					62.2			
WALLACETON LK DRUMMOND	08	MAX	89	78	80	83	89	90	85	82	75	80	75	74	80	83	89	91	90	83	84	79	89	86	90	90	89	85	82	87	89	81					84.2		
		MIN	56	48	54	45	52	55	55	45	52	50	52	53	56	66	67	68	64	58	62	53	46	56	46	46	45	60	62	60	60	41					54.4		
WALLOPS ISLAND NASA TEST FACIL	24	MAX	72	73	76	80	83	81	74	76	74	72	73	75	82	83	82	80	78	77	73	84	85	80	81	81	76	77	84	84	73	70					78.0		
		MIN	58	62	65	61	69	62	58	55	56	51	54	62	69	69	66	67	68	70	68	69	65	68	65	64	64	69	74	60	53	53					63.1		
WARSAW 2 NW	18	MAX	86	82			87	87	75	78	78		74	85	86	86	86	87																				84.3	
		MIN	62			54	67	64	57	50		47	53	58	66	68	65		60	66	66	65	60	65			59	65	71	67							61.6		
WEST POINT 2 NW	17	MAX	86	72	79	83	87	86	76	78	76	71	71	77	85	83	83	83	82	82	83	88	87	83	86	88	84	82	87	86	81	73					81.6		
		MIN	55	57	62	57	68	62	56	51	54	51	54	60	67	66	65	65	65	65	67	65	61	62	60	62	63	69	71	60	54	52					60.9		
WILLIAMSBURG 2 N	24	MAX	74	77	79	84	88	80	76	78	75	73	74	80	85	82	83	85	83	81	81	89	89	83	85	88	83	76	85	87	76	70					81.0		
		MIN	58	61	65	62	70	65	59	55	58	56	57	64	69	69	67	68	67	70	70	68	64	67	64	65	65	71	75	63	57	57					64.2		
EASTERN PIEDMONT 02																																							
AMELIA COURTHOUSE 1	08	MAX	86	67	72	79	84	86	70	74	76	74	71	71	76	83	81	82			84	82	84		89	87	86	89	89	81	88	90	90				81.1		
		MIN	67	53	58	55	64	66	55	50	54	49	52	57	62	66	65	64			63	66	63		68	61	61	63	63	69	67	54	53				60.3		
ASHLAND	18	MAX	80	64	76	81	84	78	72	73	71	70	70	78	82	80	80	81	81	79	80	85	85	82	83	87	86	81	86	85	77	72					79.0		

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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	51	50	59	59	65	58	55	49	53	48	50	57	65	64	63	63	63	62	65	62	61	62	59	59	62	67	70	66	53	50	59.0	
		MAX	89	70	63	85					89	80	76	78	81	82	85	83	87	85	87	85	88	94	91	89	90	93	96	92	81	84.8		
CAMP PICKETT	08	MIN	65	52	54	52				46	47	43	41	51	60	63	57	61	59	56	62	63	59	63	61	58	53	56	63		48	55.7		
		MAX	84	68	64	77	82	82	73	73	71	70	62	66	70	78	76	76	76	80	77	81	85	84	83	81	84	84	76	89		77	76.9	
CHASE CITY	17	MIN	65	54	57	56	56	56	55	48	48	37	37	37	37	43	59	57	55	56	54	56	57	54	50	47	58	58	66	58		55	52.6	
		MAX	82	69	66	78	83	85	74	73	76	74	70	68	71	81	81	83	85	83	80	84	88	86	87	87	88	86	81	88	90	78	80.2	
CLARKSVILLE	07	MIN	66	55	58	56	59	60	54	49	49	52	51	56	63	64	65	60	61	63	65	60	60	59	57	55	60	66	68	63	56	51	58.7	
		MAX	86	70	68	81	85	88	77	75	78	76	72	69	72	83	82	86	86	87	85	87	90	91	90	89	90	89	85	92	93	79	82.7	
CORBIN	09	MIN	67	57	57	58	58	64	53	51	52	53	56	57	63	64	66	63	64	67	65	63	63	62	61	64	63	63	69	67	60	56	60.9	
		MAX	71	63	80	83	86	68	73	75	71	70	70	77	83	81	82	83	82	78	81	87	85	82	84	87	86	78	87	81	73	68	78.5	
CROZIER	07	MIN	56	55	60	55	66	60	54	48	51	47	48	57	65	64	60	62	62	65	65	62	60	63	59	58	62	64	67	59	49	49	58.4	
		MAX	84	65	61	78	82	84	66	72	75	70	68	68	75	81	79	80	80	82	78	79	85	84	81	83	86	86	78	85	85	75	77.8	
FARMVILLE 2 N	07	MIN	62	50	55	53	59	63	54	48	48	45	45	51	61	65	62	61	62	62	62	59	59	62	59	58	58	64	66	64	50	50	57.2	
		MAX	87	70	64	82	84	84	70	77	77	75	70	70	81	84	81	83	85	84	82	82	89	87	85	89	90	87	89	90	90	78	81.5	
JOHN H KERR DAM	08	MIN	64	56	56	56	56	64	53	51	51	48	51	51	58	66	63	63	63	64	61	60	61	60	59	60	62	67	60	55	52	58.5		
		MAX	88	72	72	82	89	91	81	77	80	76	72	70	75	87	85	88	88	86	84	88	92	91	91	89	90	87	83	92	95	80	84.0	
KEYSVILLE 2 S	07	MIN	72	58	60	60	64	71	56	51	52	50	55	58	64	69	67	63	65	66	67	63	65	62	61	63	62	66	71	67	59	56	62.1	
		MAX	83	68	62	80	84	86	70	72	76	73	70	67	72	82	79	83	85	84	82	85	90	87	87	86	88	87	83	89	89	77	80.2	
LOUISA	18	MIN	64	53	55	54	57	63	53	50	50	49	49	53	61	67	63	62	62	64	65	61	61	62	61	61	63	66	67	65	54	55	59.0	
		MAX	82	60	79	83	85	69	73	76	73	70	68	76	80	79	81	81	81	83	88	87	85	85	88	86	85	89	86	79	73	73	79.7	
PALMYRA 3S	06	MIN	58	52	60	50	66	58	52	44	46	41	43	55	63	59	56	64	64	59	61	55	57	58	53	51	56	60	63	62	45	44	55.2	
		MAX	84	64	60	78	82	85	65	71	74	70	69	68	75	78	78	79	80	80	79	82	86	85	82	84	87	86	84	88	86	73	78.1	
PETERSBURG	07	MIN	63	51	55	50	54	61	53	43	47	44	44	47	59	61	56	57	61	61	65	57	57	59	56	54	54	58	65	63	49	46	55.0	
		MAX	71	68	80	85	87	78	75	78	75	71	72	78	85	82	85	85	84	81	83	88	89	87	87	89	86	78	89	89	77	72	81.1	
RICHMOND INTL AP	24	MIN	56	62	58	58	66	59	52	52	50	51	57	63	63	67	64	64	67	67	64	63	65	62	62	61	62	71	66	57	56	51	60.5	
		MAX	76	67	80	83	86	74	76	78	74	71	72	79	84	83	85	86	85	81	84	89	90	84	87	90	88	78	90	88	72	72	81.3	
WESTERN PIEDMONT 03 APPOMATTOX	07	MIN	53	57	62	56	64	61	54	51	55	51	53	60	65	65	67	65	64	66	67	66	65	62	61	62	64	69	72	62	55	51	60.8	
		MAX	87	66	59	82	85	86	64	75	78	73	70	66	72	81	80	83	82	83	83	85	89	86	86	86	88	86	87	90	90	78	80.2	
BROOKNEAL	07	MIN	63	50	53	56	58	62	49	49	51	49	49	53	57	64	58	63	64	62	63	62	62	63	62	59	59	63	64	64	53	48	57.7	
		MAX	82	67	62	80	85	86	66	74	77	74	70	66	68	82	81	83	83	85	83	85	90	88	88	87	89	88	87	91	91	79	80.6	
CHARLOTTESVILLE 2W	08	MIN	63	53	55	52	58	60	50	44	48	45	50	60	61	63	59	62	62	60	59	58	60	59	57	58	59	61	63	59	51	47	56.5	
		MAX	85	62	58	79	84	86	64	72	76	72	69	67	73	79	78	81	80	81	80	85	87	86	84	85	88	85	85	88	86	77	78.7	
CHATHAM	07	MIN	62	52	53	57	62	64	51	52	55	50	51	52	58	64	62	62	64	65	64	66	66	62	62	64	66	66	69	53	53	59.7		
		MAX	82	68	63	73	82	83	83	67	73	72	68	64	68	78	78	81	82	81	81	80	86	85	85	84	86	84	85	88	87	74	78.4	
DANVILLE RGNL AP	24	MIN	63	53	54	54	53	58	46	45	44	44	45	55	58	61	60	61	63	60	59	59	59	60	59	58	58	58	63	61	52	47	55.7	
		MAX	69	68	80	84	85	68	73	76	75	70	65	69	80	80	83	85	84	83	84	88	87	88	86	87	86	87	90	90	78	75	80.1	
FREE UNION	07	MIN	55	54	60	56	57	54	49	50	51	48	54	60	58	65	62	64	62	62	64	61	62	61	59	59	61	64	65	62	55	50	58.1	
		MAX	83	64	59	79	83	84	66	71	75	73	70	67	72	78	78	81	80	80	80	83	86	85	83	85	86	84	86	88	86	76	78.4	
LYNCHBURG INTL AP	24	MIN	63	54	54	55	55	62	51	49	51	48	48	57	62	59	59	62	60	60	60	61	58	56	56	60	60	62	62	49	48	56.4		
		MAX	69	60	80	83	85	66	71	74	72	68	64	69	80	77	81	81	82	81	84	87	86	86	85	87	85	86	89	89	77	74	78.6	
		MIN	51	51	54	53	59	53	46	45	50	49	54	59	64	59	55	63	64	62	63	61	61	61	61	61	62	65	63	60	48	57.0		

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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	
MARTINSVILLE FLTR PLT	07	MAX	80	68	65	81	83	85	85	73	75	73	69	62	67	78	79	81	83	83	82	83	85	87	86	85	86	85	86	90	88	77	79.7	
		MIN	64	53	54	54	54	57	46	46	46	45	45	52	57	57	57	57	60	60	57	56	59	60	60	57	57	58	58	58	53	46	54.8	
MEADOWS OF DAN 5 SW	07	MAX	74	73	65	77	82	83	61	68	73	72	67	59	65	73	72	75	80	80	77	80	80	84	83	83	81	82	84	87	85	75	76.0	
		MIN	62	55	53	54	55	58	47	47	47	47	47	54	55	55	56	56	57	59	59	58	59	59	62	58	58	59	61	56	50	55.5		
MONTEBELLO FISH CULTURAL STN	07	MAX								59	66			58	65		70	76	73													M		
		MIN								44	44			44	54	58	50	50	53														M	
MONTICELLO	07	MAX																															M	
		MIN																																M
ROCKY MT	07	MAX	78	68	62	81	83	85	62	71	72	71	72	62	66	79	76	78	81	83	82	83	86		85	85	86	83	86	91	87	78	78.0	
		MIN	63	53	52	54	55	60	47	46	47	44	44	53	56	62	57	56	61	62	59	59	62		62	58	58	59	61	62	52	50	55.7	
S BOSTON	07	MAX	86	71	67	82	87	88	75	77	79	78	73	69	72	84	85	86	86	87	85	87	91	90	90	88	90	88	87	92	92	80	83.1	
		MIN	69	57	58	58	58	62	54	51	51	52	52	57	64	64	66	63	65	65	65	63	63	63	60	60	61	59	61	64	55	51	59.7	
STUART	07	MAX	76	67	66	80	83	84	62	72	76	74	69	62	67	76	77	78	82	81	82	81	86	85	86	86	85	85	87	91	89	76	78.4	
		MIN	63	54	54	53	55	57	45	47	49	49	53	57	55	56	57	58	62	61	60	59	59	62	62	61	61	62	62	56	51	56.7		
NORTHERN 04																																		
FRONT ROYAL	06	MAX	81	62	59			85	61	69	74	68	68	67	75	78	76	79	83	80	79	80	86	83	82	84	86	86	84	88	80	75	77.1	
		MIN	54	54	54				53	51	50			47		54	57		61	60	60		60	59	58	58	58	63	63	53		M		
PURCELLVILLE	08	MAX	83	62	59	77	83	86	61	71	74	70	70	71	74			80	83	82	80	81	85			84	88		87	77	77	76.9		
		MIN	58	52	52	54	63	59	50	48	48	46	45	45	56			58	60	62	63	60	58			57	61		68	48	48	55.0		
LURAY 5 E	08	MAX	80	61	63	77	82	85	60	69	74	65	68	66	76	81	78	79	76	83	78	82	86	87	87	86	87	88	85	87	81	74	77.7	
		MIN	58	51	53	51	60	59	50	44	45	42	44	50	58	59	57	56	57	59	58	56	57	58	54	53	56	59	60	62	44	46	53.9	
MANASSAS	07	MAX	82	63	62	78	81	85	63		74	70	70	71	77	79	79	80	83	82	79	80	85			84	85	87		84	88	79	72	77.9
		MIN	63	53	56	56	58	63	56	50	50	50	50	50	58	64	63	60	62	65	65	61	60			58	58	58		65	68	54	52	58.1
PIEDMONT RSCH STN	08	MAX	82	60	80	83	82	81	63	72	74	70	69	67	74	79	77	82	83	81	79	83	87	84	84	88	86	85	85	89	83	75	78.9	
		MIN	58	52	60	55	63	63	51	47	52	50	52	57	60	62	62	65	63	64	64	63	65	65	60	63	65	65	68	70	53	50	59.6	
SOMERSET	08	MAX	85	63	61	81	83	85	63	73	76	71	70	68	76	80	80	82	82	84	80	83	88	86	84	85	88	87	85	89	86	76	79.3	
		MIN	63	53	54	52	57	63	53	48	49	46	46	49	57	62	59	62	60	61	62	59	61	61	57	56	59	62	63	57	48	49	56.3	
SPERRYVILLE	06	MAX	84	70	60	80	85	88	68	72				70			82	80	83	83	88	80	84	88	86	86	86	87	90	84	88	81	80	81.3
		MIN	63	53	53	54	59	62	51	47				48			61	63	60	61	63	63	62	62	62	59	0 ^G	64	64	65	67	51	51	58.7
STERLING (RCS)	07	MAX	83	63	61	78	83	87	63	71	75	70	72	72	76	79	79	81	84	82	80	81	86	85	82	86	88	89	84	89	79	72	78.7	
		MIN	60	52	53	53	54	62	53	44	48	48	49	51	57	61	62	60	62	64	65	64	59	61	59	59	61	64	67	68	51	51	57.4	
VIENNA	07	MAX	79	61	59	75	79	84	62	68	73	68	69	71	77	75	79	81	80	75	84	83	83	78	83	88	87	82	85	75	69	76.2		
		MIN	59	52	52	56	58	61	54	50	50	47	47	48	56	62	60	60	60	62	63	62	60	60	58	58	60	62	62	65	48	48	56.7	
WASHINGTON DULLES INTL AP	24	MAX	69	61	78	82	86	68	72	76	71	72	72	77	78	80	82	84	83	80	82	87	85	83	86	89	89	85	89	79	73	67	78.8	
		MIN	58	53	59	55	65	59	50	48	50	47	49	57	62	65	62	59	62	62	65	61	60	61	58	60	64	66	68	62	49	51	58.2	
WASHINGTON REAGAN NATL AP	24	MAX	73	65	80	82	87	72	75	77	73	74	75	80	80	82	83	87	85	77	84	88	88	83	89	92	91	86	91	81	75	70	80.8	
		MIN	63	57	63	62	69	61	59	56	57	53	57	63	67	69	67	66	68	70	68	70	67	70	65	67	70	69	72	66	58	57	64.2	
WINCHESTER	07	MAX	85	62	75	82	85	87	60	71	76	71	72	71	77	79	79	81	86	86	82	84	89	88	85	90	91	89	90	91	80	78	80.7	
		MIN	59	56	62	61	67	59	51	49	49	46	46	46	56	61	60	58	58	62	64	59	59	59	56	56	58	62	64	65	49	50	56.9	
WINCHESTER 7 SE	08	MAX			61	75	83	86		70	76	70	70	69	68	78	77	80	82	82	80	82	88	88	89	87	88	86				78.9		
		MIN			52	55	57	57	53	45	45	42	40	41	54	60	57	55	54	58	60	54	54	55	50	52	57					52.4		
WOODSTOCK 2 NE	07	MAX		82	72	76	84	85	60	70	74	71	69	68	76	81	81	79	84	82	83	83	88	88	85	86	89	88	86	94	80	75	80.0	

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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	
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT		MIN		53	53	53	59	59	52	46	46	41	41	45	54	54	54	55	55	58	58	58	58	55	54	55	61	59	59	42	32	52.7		
	07	MAX	80	62	62	75	80	79	61	66	71	70	67	63	68	77	70	74	77	80	78	79	83	83	84	84	84	79	86	88	83	76	75.6	
DALE ENTERPRISE		MIN	59	53	53	53	53	56	47	43	43	44	43	47	56	60	58	58	57	57	58	59	60	59	56	51	51	55	56	56	46	43	53.0	
	07	MAX	82	62	62	78	82	83	66	70	70	70	70	67	70	80	76	75	80	80	80	82	86	86	82	82			85	87	83	75	76.8	
GATHRIGHT DAM		MIN	58	52	50	52	55	58	45	44	42	42	42	46	57	58	55	57	56	58	58	58	58	56	55	53		61	62	46	46	52.9		
	07	MAX	79	63	58	72	78	76	60	64	69	68	66	66	68	75	66	71	74	77	78	78	82	82	82	84	83	77	83	86	79	74	73.9	
HOT SPRINGS		MIN	58	53	53	52	52	58	46	44	44	45	44	44	58	60	57	57	58	58	59	59	60	59	53	52	58	59	58	48	46	53.7		
	07	MAX	80	62	58	73	80	78	59	65	71	68	66	60	68	77	67	75	76	78	78	79	83	83	85	86	85	80	85	87	79	74	74.8	
LEXINGTON		MIN	55	51	51	50	51	58	43	43	43	42	42	53	56	58	54	56	57	58	57	56	57	57	55	53	53	56	57	57	46	43	52.3	
	07	MAX	83	65	60	79	84	85	62	71	76	72	70	65	71	80	74	80	81	83	83	84	86	86	88	87	88	84	87	90	87	79	79.0	
MILLGAP		MIN	63	51	53	51	51	59	50	44	45	45	45	49	58	61	55	56	59	60	60	59	59	60	57	54	54	58	59	59	50	45	54.3	
	06	MAX	77	59	57	69	78	74	59	63	66	66	66	60	71	74	65	72	77	79	78	79	81	81	83	83	85	80	83	86	76	73	73.3	
MUSTOE 1 SW		MIN	51	51	51	48	49	51	41	37	37	35	34	45	54	54	52	52	51	53	52	51	51	50	50	42	43	48	50	51	37	34	46.8	
	24	MAX	58	56	69	76	74	60	62	65	65	64	59	67	73	65	71	74	76	75	77	78	78	81	83	83	79	81	83	75	71	63	71.4	
ROANOKE 8 N		MIN	52	50	49	45	52	43	41	37	37	35	40	51	56	54	52	55	50	52	52	50	52	51	49	45	49	54	49	46	37	35	47.3	
	07	MAX	82	67	60	78	84	85	85	70	74	72	68	68	66	79	74	76	80	81	82	83	84	85	86	87	85	83	88	90	87	78	78.9	
ROANOKE INTL AP		MIN	60	52	53	53	56	61	47	46	46	47	47	47	58	57	56	56	59	62	60	61	62	63	60	59	60	63	62	62	53	51	56.0	
	24	MAX	70	61	81	86	87	69	72	76	75	70	64	66	80	76	79	81	84	83	84	84	86	87	88	87	86	90	93	87	81	76	79.6	
STAUNTON WTP		MIN	54	54	56	56	66	52	49	47	49	47	55	59	65	60	58	59	61	63	61	63	63	64	61	59	62	62	63	64	53	53	57.9	
	08	MAX	80	61	56	76	80	80	59	68	73	69	67	63	71	78	72	74	79	77	78	81	82	83	84	84	87	84	85	87	84	74	75.9	
WAYNESBORO WTP		MIN	60	49	51	55	58	59	47	49	47	44	46	46	56	56	54	57	58	60	60	58	60	59	58	56	58	62	61	62	48	49	54.8	
	07	MAX	83	63	59	77	82	83	62	69	74	69	63	65	71	80	75	79	79	79	79	79	81	82	84	83	84	87	84	85	87	85	75	76.9
		MIN	58	51	52	52	59	47	45	45	42	42	45	55	62	55	55	61	58	59	58	59	59	55	54	54	58	61	61	47	45	53.5		
SOUTHWESTERN MOUNTAIN 06																																		
ABINGDON 3S		MIN	76	81	60	75	81	73	68	67	72	72	72	59	72	77	66	78	80	82	79	82	83	83	85	87	85	84	85	85	81	77	76.9	
	06	MAX	64	59	56	53	52	56	44	43	47	46	47	54	52	51	57	55	53	55	54	55	56	57	59	56	55	56	58	56	53	45	53.5	
BIG STONE GAP		MIN	76	80	59	75	80	71	69	67	73	73	73	73	77	74	67	76	77	80	81	81	83	83	85	88	85	84	85	86	82	76	77.3	
	08	MAX	66	57	56	55	55	56	47	44	44	46	46	46	52	52	58	56	56	57	55	55	59	59	60	58	57	57	57	54	55	47	54.1	
BLACKSBURG NWSO		MIN	76	63	60	75	80	80	62	67				58	62	74	68	74	80	80	80	81	82	83	84	84	81	80	85	87	80	75	75.6	
	07	MAX	59	51	52	51	51	57	42					53	54	55	52	53	54	54	56	57	57	58	58	54	54	56	56	50	45	53.7		
BURKES GARDEN		MIN	70	62		69	75	71	60	65	66	66	66	53	63	69	60	70	73	75	74	76	76	78	80	80	79	76	79	81	74	71	70.7	
	07	MAX	56	51		50	51	52	41	35	35	36	36	49	45	43	52	48	48	47	48	49	49	52	44	46	46	49	50	42	35	46.0		
CHRISTIANSBURG		MIN	73	63	63	74	79	79	57	66	69	70	66	60	61	72	67	73	79	77	77	81	81	82	81	84	82	78	84	86	80	74	73.9	
	07	MAX	61	50	50	50	53	57	45	44	45	45	46	46	52	55	53	53	56	57	57	57	59	59	60	56	56	56	57	58	53	47	53.1	
CLINTWOOD 1 W		MIN	73	76	61	72	78	72	66	66	69	70	70	61	74	74	66	75	77	77	77	79	80	80	81	83	82	81	82	82	76	71	74.4	
	07	MAX	64	59	54	52	52	56	43	41	41	42	42	48	52	52	58	54	54	54	53	53	55	55	56	56	55	54	54	56	49	42	51.9	
COPPER HILL		MIN	70	62	71	72	77	76	58	63	67	65	60	54	62	69	67	70	76	73	72	75	78	76	77	77	76	76	79	81	76	70	70.8	
	07	MAX	59	48	49	48	54	57	44	44	44	47	47	50	51	56	54	54	57	60	58	57	59	59	61	58	58	61	60	58	52	46	53.7	
ELK CREEK 4SSW		MIN	68	65	60	71	76	75	59	63	66	66	63	55	62	66	68	71	75	76	74	76	78	79	77	74	77	74	77	81	76	73	70.8	
	07	MAX	60	53	53	55	59	53	44	45	50	47	48	50	54	56	55	58	59	59	58	61	61	63	63	59	62	62	62	62	55	51	55.9	

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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	
GALAX WTP	07	MAX	72	67	61	76	79	80	62	67	71	70	67	65	59	71	70	73	78	80	80	82	82	81	83	82	81	79	82	85	81	77	74.8	
		MIN	62	54	54	50	51	54	41	41	41	41	40	50	50	50	51	51	51	54	54	55	54	54	58	53	53	56	56	54	44	51.0		
GRUNDY	07	MAX	76	76	61	76	82	75	70	67	71	71	72	62	75	70	65	76	79	81	76	82	82	81	81	85	84	84	83	84	73	73	75.8	
		MIN	63	59	56	57	59	56	49	47	48	45	46	48	55	55	58	57	58	58	58	60	60	61	55	56	56	57	59	54	44	55.1		
JOHN FLANNAGAN LAKE	07	MAX	86					84	84	71			77	62			77		85	85	88	88	88			91		91	90	77	M			
		MIN	60					55	49	48			46	49			54		56	57	57	60	60			58		59	60	54	M			
LEBANON	07	MAX	75	80	63	74	81	74	64	65	68	69	72	70	73	77	69	78	79	80	80	83	83	84	85	87	86	83	85	84	85	76	77.1	
		MIN	63	58	57	52	51	55	43	42	42	41	41	56	51	54	59	53	53	52	51	51	55	56	55	51	51	52	52	56	50	41	51.5	
NORA 4 SSE	07	MAX	70	75	56	72	75	68	67	64	67	68	69	59	69	70	62	76	78	79	76	82	81	79	82	83	81	80	82	81	73	71	73.2	
		MIN	63	55	53	54	58	53	47	47	49	51	51	50	56	55	55	57	62	61	60	61	63	64	65	63	64	66	65	64	53	48	57.1	
PULASKI 2 E	07	MAX	74	62	63	75	81	78	63	67	71	69	67	57	64	73	67	74	77	80	79	80	79	82	83	83	82	78	83	85	80	77	74.4	
		MIN	59	52	52	55	56	56	45	43	42	39	45	47	53	56	53	50	52	53	56	59	57	57	57	53	54	54	56	60	51	43	52.2	
RADFORD 3 N	07	MAX	75	62	61	76	82	80	61	66	70	70	67	59	63	74	68	74	81	79	82	82	80	81	84	85	82	80	85	85	80	75	75.0	
		MIN	60	53	55	52	53	55	42	42	44	43	47	50	55	58	54	54	56	56	57	58	57	58	59	53	53	55	56	58	49	45	52.9	
RICHLANDS	07	MAX	75	69	77	77	81	76	67	65	70	71	72	62	72	77	67	78	79	80	79	83	83	84	88	86	85	85	85	75	75	76.9		
		MIN	62	57	57	55	55	55	44	43	42	41	41	53	53	53	58	52	52	52	53	53	55	54	56	51	51	53	53	56	48	41	51.6	
SALTVILLE 1N	07	MAX	75	75	61	75	81	74	68	68	72	73	72	59	71	77	65	78	80	82	81	82	83	84	85	89	86	83	87	87	80	77	77.0	
		MIN	63	58	57	54	55	56	45	45	45	45	46	54	54	54	58	54	54	54	54	56	56	56	58	52	51	53	54	55	42	42	53.0	
STAFFORDSVILLE 3 ENE	07	MAX	78	62	59	76	82	79	60	68	69	69	66	58	65	73	68	72	78	80	79	80	82	82	83	83	82	77	82	85	79	74	74.3	
		MIN	59	53	53	52	53	54	41	41	41	42	42	48	54	56	54	53	53	54	55	57	57	57	57	50	50	52	56	56	47	42	51.3	
WISE 1SE	09	MAX	70	76	57	73	79	71	66	64	69	68	70	60	73	70	65	78	77	78	78	81	83	80	83	85	83	85	85	75	75	74.7		
		MIN	62	55	53	54	58	53	42	42	46	45	51	51	55	56	57	53	55	54	54	57	57	58	59	55	55	57	59	49	42	53.4		
WYTHEVILLE	07	MAX	73	62	63	74	81	77	62	66	71	70	66	60	62	73	65	72	78	79	80	81	80	82	83	83	82	79	84	85	79	77	74.3	
		MIN	60	52	53	54	55	53	43	41	41	44	44	50	52	53	56	51	51	53	53	57	58	58	58	53	53	56	56	60	53	47	52.3	

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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																															
	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																															

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
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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	55	30	32	28	88	48	20	15	11	40	50	62	46	46	12	15	16	26	22	12	15	12	20	29	38	38	27	22	24	32		
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
																																931 M M 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
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
NORTH	6161	01	MATHEWS	37 26	76 26W	10	07	07		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)
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

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).

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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