



# CLIMATOLOGICAL DATA

## VIRGINIA

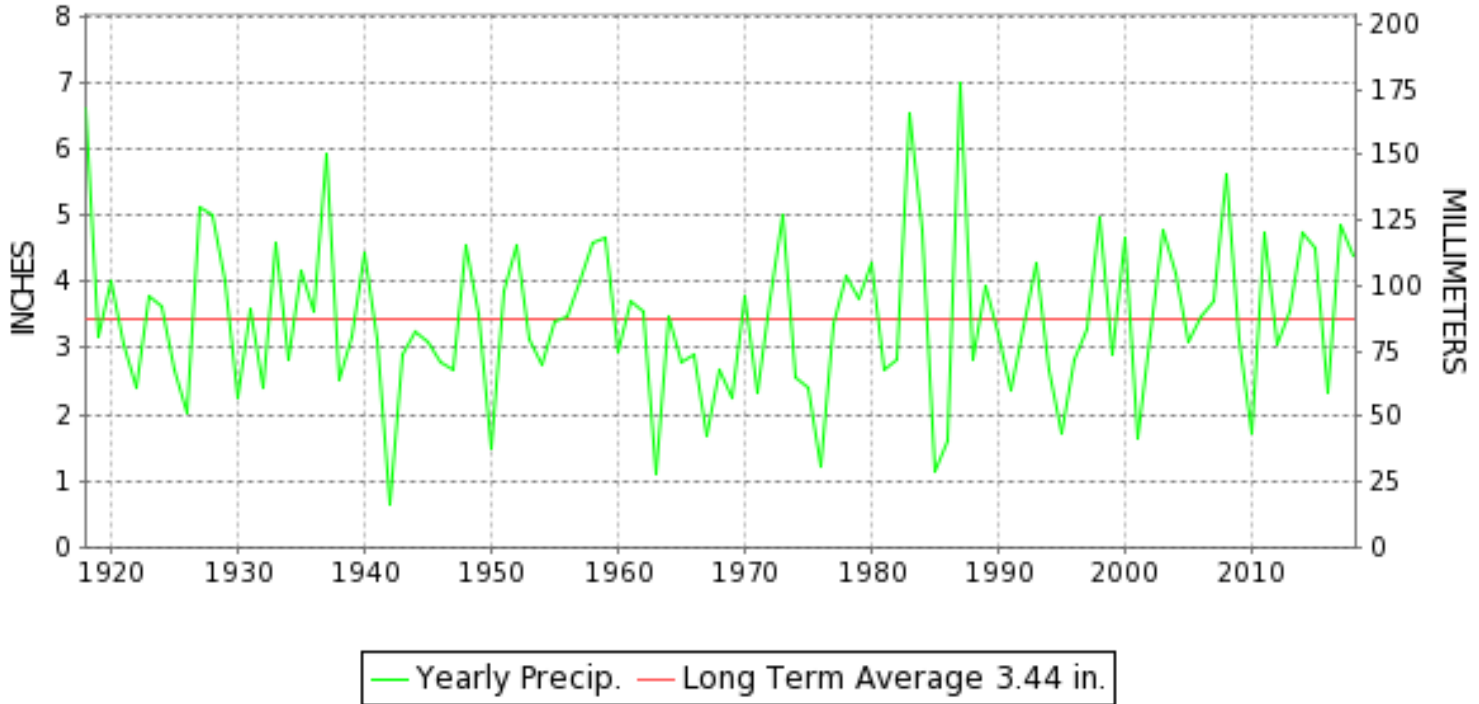
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### APRIL PRECIPITATION BY YEAR



#### TEMPERATURE AND PRECIPITATION EXTREMES

**VIRGINIA**

HIGHEST TEMPERATURE	91	APRIL 15	WINCHESTER 7 SE
LOWEST TEMPERATURE	17	APRIL 08	MILLGAP
GREATEST TOTAL PRECIPITATION	8.43		WOOLWINE 1 SE
LEAST TOTAL PRECIPITATION	1.95		PAINTER 2W
GREATEST 1 DAY PRECIPITATION	3.50	APRIL 16	HOT SPRINGS
GREATEST TOTAL SNOWFALL	5.1		HOT SPRINGS
GREATEST DEPTH OF SNOW OR ICE	3		GATHRIGHT DAM

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VIRGINIA  
201804

# 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	68.0	43.4	55.7	-2.5	84	13	33	08+	290	19	0	0	0	0	3.58	0.31	1.53	16	T	0		10	5	2
WINTERPOCK 4 W															3.99		1.45	27	M			8	5	2
--DIVISIONAL DATA-----> WESTERN PIEDMONT 03			54.4	-1.5B										5.08	1.75B									
ALTAVISTA														6.14		2.06	16	0.0	0			9	7	2
APPOMATTOX	64.8	40.5	52.7	-2.7	81	15+	28	09+	370	7	0	0	5	0	4.43	1.01	1.50	16	2.1	1	10	12	6	2
BEDFORD														5.40	1.52	1.82	25	T	T	09	12	5	2	
BROOKNEAL	67.8	38.7	53.3	2.1	82	19+	27	05	350	5	0	0	11	0	4.81	1.10	1.53	16	T	0		9	6	2
CHARLOTTESVILLE 2W	64.4	40.8	52.6	-4.6	85	14	29	08	376	12	0	0	5	0	4.42	1.02	1.88	16	0.4	T	09	11	5	2
CHATHAM	68.0	37.1	52.5	-1.4	82	16+	27	06	371	5	0	0	12	0	6.24	2.69	2.25	16	T	0		7	6	2
CONCORD 4 SSW														4.22		1.42	16	0.5	T	08	13	6	2	
DANVILLE 2 SE	M	M	M								0	0	0	0	M				M					
DANVILLE RGNL AP	68.4	41.8	55.1	-3.2	81	18+	30	20+	304	14	0	0	4	0	4.76	1.30	2.00	24	T	0		10	5	2
FREE UNION	65.9	37.8	51.8		86	14	25	08	396	8	0	0	10	0	4.59		1.89	16	T	T	09	13	6	2
HOLCOMB ROCK														6.71		3.00	25	1.5	0			8	7	2
HUDDLESTON 4 SW														5.61		1.79	25	T	0			10	8	2
LYNCHBURG INTL AP	66.2	40.1	53.2	-2.2	82	14	27	08+	359	11	0	0	6	0	4.80	1.49	2.15	24	0.5	0		13	7	2
MARTINSVILLE FLTR PLT	67.9	37.3	52.6	-2.6	82	19+	27	09+	369	4	0	0	11	0	5.00	1.51	1.40	16	0.0	0		7	7	3
MEADOWS OF DAN 5 SW	64.4	38.7	51.5		77	19	28	09+	399	0	0	0	7	0	6.96		2.72	16	T	0		7	7	2
MONTEBELLO FISH CULTURAL STN	59.1M	32.7M	45.9M		79	14	19	08	565E	0	0	0	12	0	M 14.20		3.30	17+	M 0.0	0		12	10	4
MONTICELLO	M	M	M								0	0	0	0	M				M					
PEDLAR DAM														4.50		1.99	16	0.5	0			7	4	2
ROCKY MT	67.5M	38.6M	53.1M	-1.6	82	19	29	21+	359E	8E	0	0	8	0	6.06	2.29	2.04	25	T	0		8	7	3
S BOSTON	65.8	36.9	51.4	-4.4	84	19	28	08	407	6	0	0	9	0	4.34	0.86	1.50	16	0.0	0		8	6	1
STUART	66.2	37.6M	51.9M	-4.3	81	19	28	06+	385E	2E	0	0	9	0	5.40	1.41	1.90	24	0.0	0		8	6	3
WOOLWINE 1 SE														8.43		2.88	25	T	0			9	8	3
--DIVISIONAL DATA-----> NORTHERN 04			52.1	-3.6B										5.41	1.68B									
FRONT ROYAL	61.6M	38.8M	50.2M	-4.1	86	14	27	08	436E	1E	0	0	4	0	M 3.93	0.67	2.00	16	M 0.0	0		10	4	1
PURCELLVILLE	60.9	40.0	50.5	-1.4	85	14	27	08	442	13	0	0	6	0	A 4.73		3.00	16	T	0		9	3	1
LURAY 5 E	61.8	37.4	49.6	-5.0	87	14	25	08	462	10	0	0	10	0	2.78	-0.66	1.21	16	0.0	0		9	4	1
MANASSAS	60.4M	M	M		85	15	29	08	486E	0	0	0	1	0	MA 4.30		1.60	16	M 0.0	0		10	4	1
MT WX 3	56.9	36.0	46.4		80	14	24	09+	553	5	0	0	13	0	4.41		2.36	16	0.0	0		8	5	1
PIEDMONT RSCH STN	63.4	39.1	51.3	-4.0	84	14	29	19+	415	12	0	0	9	0	MA 4.63	1.23	2.36	16	M 0.0	0		9	4	2
SOMERSET	64.7	39.1	51.9	-2.0	83	14	27	08	390	7	0	0	7	0	A 3.54	0.35	1.28	25	M	0		4	2	1
SPERRYVILLE	63.9M	40.5M	52.2M	-1.5	86	14	29	19+	388E	12E	0	0	3	0	M 5.19	1.42	2.32	16	MT	0		11	6	2
WFO STERLING	62.7M	40.9M	51.8M	-1.3	86	13	28	18+	404E	17E	0	0	3	0	3.71	0.09	0.94	16	T	0		10	6	0
VIENNA	60.0M	39.8	49.9M	-4.0	84	14	29	09+	464E	17E	0	0	6	0	M 3.08	-0.51	1.50	16	0.0	0		13	5	1

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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										
WASHINGTON DULLES INTL AP	62.8	40.4	51.6	-2.8	86	13	29	20+	410	15	0	0	6	0	3.55	0.08	0.97	16	T	0		10	5	0
WASHINGTON REAGAN NATL AP	64.7	45.2	54.9	-1.9	86	13	34	08+	312	17	0	0	0	0	3.59	0.53	1.88	16	T	0		9	5	1
WINCHESTER	61.5	38.3	49.9	-3.2	87	14	26	08	461	16	0	0	8	0	3.50	0.13	1.87	16	T	0		11	7	1
WINCHESTER 7 SE	61.5M	36.2M	48.9M	-2.6	91	15	22	08	500E	22E	1	0	11	0	M 3.11	-0.06	1.70	16	M 0.0	0		9	5	1
WOODSTOCK 2 NE	61.8	35.9	48.8	-1.7	86	14	23	08	480	4	0	0	9	0	2.62	-0.31	1.27	16	0.0	0		5	4	1
--DIVISIONAL DATA-----> CENTRAL MOUNTAIN 05			50.6	-2.3B											3.60	0.40B								
BUENA VISTA														5.11		2.55	16	T	0		15	5	2	
COVINGTON FLTR PLT	62.6	35.7	49.2	-4.6	83	14	23	09+	467	0	0	0	15	0	4.03	0.81	1.75	16	1.2	1	09	13	9	1
DALE ENTERPRISE	59.7	36.5	48.1	-2.4	82	14	23	08	503	4	0	0	10	0	3.33	0.36	1.95	16	0.0	0		12	7	1
GATHRIGHT DAM	60.8	35.5	48.2	-3.5	84	14	21	09+	498	0	0	0	13	0	4.76	1.59	2.80	16	3.1	3	09	15	9	1
GLASGOW 1 SE														6.69		2.92	16	0.5	T	09	15	5	2	
HOT SPRINGS	59.8	34.7	47.3	-3.6	82	14	20	09+	525	0	0	0	14	0	7.04	3.34	3.50	16	5.1	2	09	15	13	2
LEXINGTON	63.6	37.2	50.4	-3.6	82	14	24	09+	431	1	0	0	10	0	4.90	1.48	2.11	16	2.7	1	09	14	7	2
MILLGAP	57.6	29.8	43.7	-3.7	82	14	17	08	631	0	0	0	20	0	5.49	1.74	3.18	16	1.7	1	08	14	9	1
MTN GROVE														A 4.36		2.58	16	M 1.3	0		4	4	1	
MUSTOE 1 SW	57.9	32.1	45.0	-3.2	79	13	19	08	593	0	0	1	17	0	6.46	2.65	1.85	15	2.8	T	17	13	10	2
NEW CASTLE														5.04		2.43	16	T	T	09	15	7	1	
ROANOKE 8 N	63.8	39.1	51.5	-3.5	81	15+	28	06+	400	2	0	0	7	0	4.21	0.48	1.74	16	T	0		12	6	1
ROANOKE INTL AP	66.5	42.5	54.5	-2.2	82	14+	29	08	314	8	0	0	2	0	4.03	0.66	1.68	24	T	0		12	6	2
STAUNTON WTP	60.8	38.0	49.4	-3.5	82	14	22	08	468	8	0	0	6	0	4.75	1.60	2.71	16	0.6	1	09	10	5	1
WAYNESBORO WTP	62.1	36.0	49.1	-2.4	82	14	23	09+	471	1	0	0	10	0	5.23	1.68	3.09	16	T	T	09	10	5	2
WILLIAMSVILLE 2 S														4.39		2.95	16	1.5	1	09	13	6	1	
--DIVISIONAL DATA-----> SOUTHWESTERN MOUNTAIN 06			48.8	-3.9B										4.99	1.79B									
ABINGDON 3S	62.1	37.0	49.6	-3.7	81	15	24	08	457	0	0	0	12	0	4.72	0.78	2.00	16	0.0	0		13	8	1
BIG STONE GAP	62.7	36.6	49.7	-4.6	81	15	24	09	452	0	0	0	13	0	2.80	-1.87	0.85	16	0.0	0		14	7	0
BLACKSBURG NWSO	59.8	35.4	47.6	-3.1	77	19	21	08	514	0	0	0	12	0	4.41	0.93	1.83	16	1.2	1	08	14	8	1
BURKES GARDEN	55.5	32.9	44.2	-3.7	75	15	20	08	619	2	0	0	15	0	3.72	0.04	1.78	16	0.9	1	08	14	9	1
CHRISTIANSBURG	59.2	37.2	48.2	-4.5	75	19	22	08	497	0	0	0	8	0	4.38	1.10	1.76	16	1.5	1	08	12	8	1
CLINTWOOD 1 W	62.1	34.4	48.3	-3.6	83	15	22	09+	492	0	0	0	16	0	3.32	-0.76	1.18	16	2.5	1	09	16	8	1
COPPER HILL	58.0	36.0	47.0		73	19	19	09	533	0	0	0	10	0	6.19		1.96	25	1.1	1	08	14	8	3
ELK CREEK 4SSW	57.9	37.9	47.9		78	19	20	08	507	0	0	0	8	0	5.65		2.26	16	0.9	T	17	14	8	2
GALAX WTP	60.7	36.9	48.8	-1.2	77	19	25	09+	480	1	0	0	10	0	6.21		2.80	16	M 1.0	1	08	13	6	3
GRUNDY	63.0M	37.3M	50.2M	-2.6	84	15	26	08	437E	2E	0	0	13	0	3.99	-0.07	1.30	16	T	0		14	6	2
JOHN FLANNAGAN LAKE	M	M	M		83	16	24	09	438E	0	0	0	10	0	MA 3.63		1.37	16	T	T	09	13	7	1
LEBANON	61.5	36.9	49.2	-2.7	82	15	23	08	473	6	0	0	14	0	4.72	1.29	2.00	16	0.0	0		13	7	2

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											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
NORA 4 SSE	57.8	37.2	47.5	-2.8	76	15	21	09+	521	2	0	1	12	0	3.60	0.39	1.54	16	1.9	1	09	13	6	1
PULASKI 2 E	60.6	37.8	49.2	-2.7	76	15+	25	08	469	3	0	0	11	0	5.25	2.30	2.74	16	1.0	1	08	12	9	1
RADFORD 3 N	60.4	37.5	49.0	-1.2	79	19	25	09	474	1	0	0	10	0	A 3.60	0.53	0.64	24	T	0		7	5	0
RICHLANDS	61.0	35.1	48.1	-3.4	82	15	22	10+	501	0	0	0	15	0	4.68	0.89	2.40	16	T	T	08	14	6	1
SALTVILLE 1N	63.1	35.0	49.1	-3.8	82	16+	25	09+	469	0	0	0	15	0	4.54	0.92	2.26	16	T	T	08	12	6	2
STAFFORDSVILLE 3 ENE	60.4	34.6	47.5	-4.1	78	19	25	09+	518	0	0	0	12	0	4.66	1.31	2.81	16	1.0	1	08	12	7	1
WILLIS															5.29		2.23	16	1.0	1	08	12	10	1
WISE 1SE	59.8	37.4	48.6	-5.0	79	15	21	08	493	9	0	1	14	0	3.34	-0.79	1.42	16	1.7	T	17	14	7	1
WYTHEVILLE	59.2	36.2	47.7	-2.2	78	19+	24	09+	514	0	0	0	12	0	4.27	1.05	1.83	16	0.7	1	08	13	7	1
--DIVISIONAL DATA----->			48.3	-3.0B											4.47	0.77B								

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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			
<b>VIRGINIA</b>																																			
<b>TIDEWATER 01</b>																																			
DISPUTANTA	3.36							0.16	0.20		0.03					1.86								0.01	0.96	0.05	0.09								
EMPORIA 1 WNW	4.13							0.49	0.59							0.95								0.18	1.55	0.18	0.19								
FREDERICKSBURG SEWAGE	4.57		0.19					0.03	T							2.50	0.06		0.02		0.71				0.90		0.83	0.04							
HOLLAND 1 E	4.19				0.16			0.63	0.02			0.07	0.36						0.18				0.15	0.16			0.37	0.69	0.69						
HOPEWELL	M 3.50		-	-		-		0.15	-						0.01	1.83							-	-		-	1.28	0.02	0.21						
NORFOLK INTL AP	3.41		T		T			0.60	0.08	T					0.33	0.78	0.02							0.55	0.98	0.01	0.06								
NORFOLK S	3.23		T		T			0.78	0.17						0.38	0.98	0.02							0.65	0.20		0.05								
NORTH	2.46					0.05		0.05	0.31		0.03					1.21										0.53		0.05	0.23						
PAINTER 2W	1.95			0.01	0.04			0.35	0.08		0.04				0.38	0.70	0.07		0.05					0.06	0.16	0.01									
STONY CREEK 2 N	3.14	0.10	0.05	0.02				0.44							0.90	0.28								1.00	0.15				0.20						
SUFFOLK LAKE KILBY	3.49		T		0.01			1.15	0.08						0.02	1.18	T							0.80	0.25	T	T								
WAKEFIELD 1NW	2.98		0.06		T			0.81	T	0.05					0.05	0.90	0.01							0.80	0.04	T	0.26								
WALKERTON 2 NW	4.15			T				0.43					0.33		1.77				0.10					0.38	0.55		0.53						0.06		
WALLACETON LK DRUMMOND	3.62					0.20		0.45	0.75							1.44								0.10	0.63	0.05									
WALLOPS ISLAND NASA TEST FACIL	2.03		0.02	T	0.03			0.26			0.02				0.61	0.89	0.02		T					0.06	0.06		0.06								
WARSAW 2 NW	3.59	0.02		0.01				0.28							1.74	0.29			0.04					0.07	0.68	0.01	0.45								
WEST POINT 2 NW	3.03			0.01	T			0.31	0.06	0.02					0.01	1.26	0.04		T					0.35	0.72	0.09	0.15	0.01							
WILLIAMSBURG 2 N	2.64		0.01					0.36	0.02	0.01						1.22	0.06							0.62	0.12		0.22								
<b>EASTERN PIEDMONT 02</b>																																			
ALBERTA 5N	3.59		T	0.04		T		0.24	0.24							0.71	T							0.22	1.47	0.44	0.18	0.05							
AMELIA COURTHOUSE 1	6.27							0.16	0.12	0.06	0.02					3.04	0.08							0.14	1.36	0.02	1.26	0.01							
ASHLAND	3.73				T			0.35	0.05	0.09					T	1.11	0.01		0.02					0.78	0.55		0.77	T	T						
BREMO BLUFF	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUCKINGHAM	4.40		T	T		0.02		0.08	0.14	0.12						1.80	T		T		0.13			0.28	1.38	0.03	0.40	0.02							
CAMP PICKETT	6.11			0.60	T	T		0.15	0.27		0.03					1.30									1.44	0.39	0.90	1.03							
CHASE CITY	FA 5.80							0.35	0.21			0.00 <sup>L</sup>	0.00 <sup>L</sup>	0.00 <sup>L</sup>	0.00 <sup>L</sup>	0.00 <sup>L</sup>	2.70							0.57	0.94		0.91	0.12							
CLARKSVILLE	6.91			T	T	T		0.53	0.40		T					3.48	T							0.57	0.81		1.02	0.10							
CORBIN	M 3.63									0.15	T					1.60	0.10		0.06						0.90	0.02	0.75								
CROZIER	A 5.95					*	0.35 <sub>a</sub>	0.01								2.65	0.12								0.13	1.25	0.05	1.39							
FARMVILLE 2 N	4.94			T				T	0.35		T					2.18								0.18	1.44	0.08	0.68		0.03						
JOHN H KERR DAM	5.17							0.48	0.40							2.08								0.49	0.49	0.86	0.36	0.01							
KEYSVILLE 2 S	5.45			0.09		T		0.25	0.27	T						2.26								0.39	1.56		0.63								
LOUISA	4.67							0.16	0.04							2.53				0.05				0.59	0.66		0.64								
PALMYRA 3S	6.73							0.21	0.10	T	0.06					3.21	0.18							0.43	1.24	0.07	0.93	0.30							
PETERSBURG	4.73					0.06		0.20		0.07					2.11	0.01							0.04	1.20	0.80	0.18	0.06								
RICHMOND INTL AP	3.58		T	T	T		0.01	0.30		0.10					0.02	1.53			0.02					1.02	0.07	T	0.50	0.01	T						
WINTERPOCK 4 W	3.99	T						0.14		0.03						0.97	0.04								1.19	0.12	1.45	0.05							
<b>WESTERN PIEDMONT 03</b>																																			
ALTAVISTA	6.14			0.13	0.01			0.22	0.07							2.06									0.81	1.95	0.33	0.56							
APPOMATTOX	4.43		0.02	0.02	0.05	T		0.11	0.19	0.06	0.01					1.50	0.04							0.45	1.37		0.61							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	
BEDFORD	5.40			0.06	0.05	T		0.05	0.07	T	0.02					1.40	0.02		0.01					0.80	1.82	0.68	0.42						
BROOKNEAL	4.81			0.08	0.01			0.31	0.23							1.53								1.11	0.94	0.02	0.58						
CHARLOTTESVILLE 2W	4.42		0.04	0.02	T	T		0.08	0.10	T	0.05	T				1.88	0.01		0.01					0.18	1.56	T	0.49						
CHATHAM	6.24			0.05	T	T		0.41	0.15							2.25								0.92	1.68		0.78						
CONCORD 4 SSW	4.22			0.03	0.08	0.03		0.16	0.19	0.01	0.03					1.42	0.03		T					0.46	1.18	0.02	0.58						
DANVILLE 2 SE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DANVILLE RGNL AP	4.76		T		0.01		0.08	0.47							1.69	0.01							0.25	2.00	0.07	0.14	0.04						
FREE UNION	4.59		0.10	0.03	0.01			T	0.10	T	0.06					1.89	0.02		0.06					0.15	1.61	0.01	0.52	0.03					
HOLCOMB ROCK	6.71		T	0.11		T		0.11	T		0.17					2.07	T							0.71	3.00	T	0.47	0.07					
HUDDLESTON 4 SW	5.61			0.14	0.04	T		0.24	0.12		0.02					1.37	T		T					0.74	1.79	0.58	0.57						
LYNCHBURG INTL AP	4.80		0.02	0.01	0.03		0.03	0.10		0.03					1.44	0.18			T				0.05	2.15	0.14	0.37	0.25						
MARTINSVILLE FLTR PLT	5.00			T		T		0.30	0.11							1.40								1.20	1.36	0.23	0.40						
MEADOWS OF DAN 5 SW	6.96					T		0.56	0.12							2.72								2.18	0.99	0.13	0.26						
MONTEBELLO FISH CULTURAL STN	M 14.20	-	0.16	0.08	0.01			0.10	0.20		3.00	0.19			3.30	-	3.30							0.30	2.93		0.63						
MONTECELLO	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PEDLAR DAM	4.50		T	T	T	T		T	T	T	0.07					1.99		T	T	T				0.21	1.61	0.05	0.50	0.07					
ROCKY MT	6.06			T	0.22	T		0.29	0.13	T						1.45			T					1.53	2.04	0.06	0.34						
S BOSTON	4.34					T		0.40	0.25	0.04						1.50								0.71	0.79	0.03	0.62						
STUART	5.40				0.02	T		0.35	0.09							1.18								1.90	1.11	0.40	0.35						
WOOLWINE 1 SE	8.43			0.26	0.05	T		0.22	0.11							1.80								2.66	2.88	0.22	0.23						
<b>NORTHERN 04</b>																																	
FRONT ROYAL	M 3.93		0.29		0.02	0.03										2.00	0.01							0.03	0.92	0.03	0.58	-	0.02				
PURCELLVILLE	A 4.73		0.28	0.01	0.03	T				T	0.03			0.03		3.00	0.04		T						*	0.66 <sub>a</sub>	0.62	T	0.03				
LURAY 5 E	2.78		0.19	0.02	0.03								T			1.21	0.01		0.02					0.03	0.89		0.38						
MANASSAS	MA 4.30		0.05	0.05	0.05			0.05								1.60	0.20					0.05		-	0.85	0.60	*	0.75 <sub>a</sub>	0.05				
MT WX 3	4.41		0.33	T	T	0.01										2.36	0.08							T	0.97	0.03	0.53	0.10					
PIEDMONT RSCH STN	MA 4.63		0.07		T		*	*	*	0.07 <sub>a</sub>	0.04					2.36	0.11		0.02	0.03				0.09	1.27	T	0.57						
SOMERSET	A 3.54	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.52 <sub>a</sub>		1.28	0.03	0.68	0.03				
SPERRYVILLE	M 5.19		0.12	0.06	0.06			-	T		0.03			0.01		2.32	0.22								1.54		0.68	0.12	T				
WFO STERLING	3.71		0.13	0.02	0.02			0.01		T					0.63	0.94	T		T					0.59	0.66		0.70	0.01	T				
VIENNA	M 3.08		0.05		0.01	0.01		0.01			0.02					1.50	0.17		0.01	0.03				0.29	0.26	-	0.69	0.03					
WASHINGTON DULLES INTL AP	3.55		0.09	0.02	0.04			T		T					0.50	0.97			0.01					0.43	0.64		0.84	0.01					
WASHINGTON REAGAN NATL AP	3.59		0.02	0.01	T			T		0.02	T				0.13	1.88			0.03					0.46	0.32		0.72	T					
WINCHESTER	3.50		0.38	0.11	0.08	0.03				T	0.01					1.87	0.03		T					0.11	0.41	T	0.33	0.14					
WINCHESTER 7 SE	M 3.11		0.33	0.02	0.03						0.01	-	-			1.70	0.02								0.50		0.38	0.12					
WOODSTOCK 2 NE	2.62		0.49	0.05												1.27									0.62		0.19						
<b>CENTRAL MOUNTAIN 05</b>																																	
BUENA VISTA	5.11		0.05	0.04	0.01	0.01		0.02	0.04	0.03	0.17					2.55			0.08	T				0.20	1.43	0.09	0.32	0.07					
COVINGTON FLTR PLT	4.03		0.11	0.13	0.16	0.05			0.16	0.04	0.09					1.75			0.05					0.34	0.78		0.27	0.10					
DALE ENTERPRISE	3.33		0.22	0.10		0.10			0.02		0.04					1.95					0.04			0.03	0.50	0.03	0.10	0.20					
GATHRIGHT DAM	4.76		0.15	0.08	0.11				0.14	0.12	0.08					2.80	0.02		0.01	0.01				0.32	0.62	0.05	0.15	0.10					
GLASGOW 1 SE	6.69		0.01	0.02	0.01	0.04		0.02	0.09	0.02	0.09					2.92	T		0.03	T				0.56	2.39	0.13	0.30	0.06					

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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
HOT SPRINGS	7.04		0.20	0.10	0.15	0.02			0.30	0.15	0.13					3.50	0.15		0.05	T				0.32	1.25	0.50	0.12	0.10				
LEXINGTON	4.90		0.09	0.05	0.04	0.02		T	0.09	0.07	0.12					2.11		T	0.03	T				0.11	1.59	0.24	0.23	0.11				
MILLGAP	5.49		0.24	0.18	0.17	0.11			0.08	0.01	0.06					3.18	0.13			T				0.17	0.95	0.01	0.02	0.18				
MTN GROVE	A 4.36		*	0.39 <sub>a</sub>							*	0.26 <sub>a</sub>				2.58	T							0.18	0.67	T	0.28	T				
MUSTOE 1 SW	6.46		0.30	0.24	0.30			0.07		0.13					1.85	1.64	0.05		0.05				0.44	0.92	0.22		0.25					
NEW CASTLE	5.04		0.03	0.12	0.15	0.02		0.03	0.24	0.05	0.06					2.43	0.03		0.02	T				0.81	0.83	0.04	0.18					
ROANOKE 8 N	4.21		0.03	0.10	0.05			0.03	0.12	0.04	0.02					1.74	T		0.04					0.82	0.92		0.30					
ROANOKE INTL AP	4.03		0.06	0.01	0.04		T	0.09		0.02					1.32	0.12			T				0.27	1.68	0.23	0.12	0.07					
STAUNTON WTP	4.75		0.27	0.06	0.03				0.06	0.08	0.01					2.71			T					0.24	0.97		0.32	T				
WAYNESBORO WTP	5.23		0.18	0.07	T				0.07	T						3.09	0.19		0.05					0.06	1.02	0.08	0.42					
WILLIAMSVILLE 2 S	4.39		0.19	0.06	0.15				0.11	0.09	0.02					2.95	0.01		T	T				0.20	0.41	0.08	0.08	0.04				
<b>SOUTHWESTERN MOUNTAIN 06</b>																																
ABINGDON 3S	4.72			0.18	0.40			0.58	0.10		0.05					2.00	0.05		0.05				0.06	0.10	0.98	0.05	0.12					
BIG STONE GAP	2.80		0.02	0.15	0.52			0.25	0.02	0.08	0.03				0.02	0.85	0.05				0.03		0.06	0.35	0.33		0.10					
BLACKSBURG NWSO	4.41		0.01	0.32	0.10	0.01		0.17	0.13	0.04	0.01					1.83	T	T	0.06					0.73	0.72	0.03	0.25					
BURKES GARDEN	3.72			0.03	0.27	0.04		0.36	0.10	0.06	0.03					1.78	0.15		0.10				T	0.42	0.25	0.02	0.11					
CHRISTIANSBURG	4.38			0.28	0.15			0.23	0.23	0.02	0.03					1.76			0.03					0.69	0.75	0.02	0.19					
CLINTWOOD 1 W	3.32	0.01	0.12	0.09	0.30			0.30	0.16	0.10	0.01					1.18	0.07		0.04				0.02	0.20	0.60	0.07	0.05	T				
COPPER HILL	6.19			0.34	0.03	0.03		0.16	0.20	0.01	0.04					1.21	0.04		0.01					1.51	1.96	0.38	0.27					
ELK CREEK 4SSW	5.65			0.07	0.12	0.01		0.17	0.10	0.01	0.04				0.01	2.26	0.11							1.47	0.96	0.02	0.30					
GALAX WTP	6.21			0.03	0.05			0.16	0.13	0.01	0.01				0.01	2.80	0.02							1.45	1.39	0.02	0.13					
GRUNDY	3.99		0.08	0.02	0.35			0.45	0.06	0.09	0.02					1.30	0.09		0.02					0.17	1.14	0.12	0.08					
JOHN FLANNAGAN LAKE	MA 3.63	-	0.11	-	0.35			*	*	0.45 <sub>a</sub>	-				-	1.37	0.08	0.01	0.05	0.01		-	-	0.03	0.29	0.60	0.16	0.11	-	-	0.01	
LEBANON	4.72			0.10	0.47			0.35	0.04	0.05	0.03					2.00	0.10		0.09				0.01	0.20	1.20	0.08						
NORA 4 SSE	3.60		0.04	0.08	0.39	T		0.21	0.11	0.06	0.04					1.54	0.04		T				T	0.24	0.67	0.09	0.09	T				
PULASKI 2 E	5.25		T	0.37	0.10	T		0.08	0.18	0.06	0.10					2.74	T		0.02					0.69	0.50	0.12	0.29					
RADFORD 3 N	A 3.60		0.02	0.31	0.10	T		*	*	0.17 <sub>a</sub>	0.02			*	*	2.00 <sub>a</sub>								0.64	0.16		0.18					
RICHLANDS	4.68		0.02	0.10	0.38	T		0.38	0.06	0.01	0.01					2.40	0.02		0.06					0.20	0.88	0.09	0.07					
SALTVILLE 1N	4.54			0.04	0.35	T		0.30	0.06	0.02						2.26	0.04		0.02					0.16	1.15	0.04	0.10					
STAFFORDSVILLE 3 ENE	4.66		T	0.26	0.14				0.07	0.05	0.10					2.81	0.06		0.04					0.62	0.27	0.07	0.17	T				
WILLIS	5.29			0.37	0.13	T		0.27	0.13						0.02	2.23	0.12		0.03					0.88	0.72	0.18	0.21					
WISE 1SE	3.34		0.09	0.06	0.53			0.35	0.07	0.11	T				T	1.42	0.03		0.03			0.01		0.22	0.17	0.09	0.16					
WYTHEVILLE	4.27			0.18	0.13	0.02		0.08	0.11	0.02	0.04					1.83	0.02							0.84	0.62	0.04	0.34					





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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	
BREMO BLUFF	07	MIN	46	44	41	55	29	32	34	30	35	35	32	40	56	61	61	50	33	34	44	33	34	42	44	52	54	50	53	48	44	34	42.7	
		MAX																															M	
CAMP PICKETT	08	MAX	63	71	64	68	77	59	72	54	52	57	58	60	75	82	84	79	79	57	77	70	64	66	70	68	66	73	73	73	65	68.1		
		MIN	34	49	44	44	31	30	43	31	31	40	33	36	51	58	61	53	34	33	46	34	36	44	44	45	44	53	55	48	48	36	42.3	
CHASE CITY	07	MAX	62	72	72	68	77	60	72	55	52	57	60	61	74	80	81	79	60	63	79	70	64	66	70	67	61	66	71	70	76	65	67.7	
		MIN	34	41	41	44	31	32	45	33	34	32	40	39	39	55	63	51	38	40	44	34	36	37	42	50	54	52	54	45	49	36	42.2	
CLARKSVILLE	07	MAX	65	74	72	70	75	62	73	54	54	61	64	63	76	81	82	81	61	63	82	71	66	68	71	68	63	67	72	71	78	66	69.1	
		MIN	35	46	44	43	35	39	44	32	33	40	40	42	42	56	61	51	36	38	44	37	40	41	46	50	51	53	56	47	48	38	43.6	
CORBIN	09	MAX	68	54	59	74	56	70	61	52	46	55	60	77	85	84	76	64	50	67	62	61	64	69	68	57	62	74	64	79	59	72	65.0	
		MIN	48	41	43	39	30	32	32	31	35	32	32	43	58	63	50	43	33	31	35	33	35	44	41	53	54	46	51	48	38	31	40.8	
CROZIER	07	MAX	62	68	56	65	73		70	34	52	47	57	59	74	82	81	80	59	53	73	65	63	64	68	68	56	63	72	65	77	63	64.4	
		MIN	43	45	42	42	29		30	28	29	32	31	37	53	57	43	53	33	34	32	34	26	30	41	40	41	48	46	44	29	38.4		
FARMVILLE 2 N	07	MAX	65	71	63	68	70	61	74	55	55	44	60	62	76	84	83	82	64	60	80	70	66	68	69	69	58	70	74	66	79	65	67.7	
		MIN	41	50	43	43	30	31	38	29	29	32	32		46	58	64	53	34	36	41	35	32	36	44	44	50	48	48	49	34	41.3		
JOHN H KERR DAM	08	MAX	65	75	68	70	76	60	72	55	51	59	62	61	73	80	82	80	62	62	79	74	65	68	69	69	62	69	75	73	79	68	68.8	
		MIN	41	50	42	42	34	38	48	30	33	39	37	40	53	60	63	51	37	41	46	35	34	42	49	52	55	53	58	49	51	36	44.6	
KEYSVILLE 2 S	07	MAX	63	71	63	69	73	57	72	52	51	55	58	60	75	81	81	81	59	61	79	67	63	63	71	67	58	67	72	69	76	63	66.6	
		MIN	31	47	41	41	30	29	41	29	29	35	33	36	45	55	60	53	35	35	39	33	32	40	42	43	49	51	50	48	45	36	40.4	
LOUISA	18	MAX	67	66	60	72	58	69	68	52	51	56	60	75	83	81	79	58	53	71	71	62	64	67	67	63	64	72	72	76	75	72	66.8	
		MIN	47	40	42	47	25	29	34	25	33	34	31	39	56	61	58	47	31	32	40	29	29	40	35	49	51	44	48	42	37	30	39.5	
PALMYRA 3S	06	MAX	63	68	53	60	72	58	71	44	52	41	56	60	76	84	82	79	58	54	53	65	64	64	70	68	56	65	73	64	78	62	63.8	
		MIN	43	41	42	43	25	27	41	26	26	30	30	33	50	61	62	49	30	31	40	28	29	30	39	42	51	46	51	42	43	30	38.7	
PETERSBURG	07	MAX	71	58	68	79	59	74	54	52	54	60	61	76	83	83	78	62	56	77	71	64	66	68	70	61	68	73	75	79	66	73	68.0	
		MIN	45	43	43	38	35	42	33	34	41	33	34	45	55	55	58	37	37	42	37	35	35	41	44	55	55	54	51	49	39	38	42.8	
RICHMOND INTL AP	24	MAX	71	60	64	79	58	73	59	53	52	59	61	77	84	83	79	72	55	74	70	64	65	69	70	59	67	74	72	79	65	73	68.0	
		MIN	44	45	42	44	33	38	33	33	38	39	36	41	55	61	64	36	38	38	42	35	38	42	44	53	56	53	54	51	40	36	43.4	
<b>WESTERN PIEDMONT 03</b>																																		
APPOMATTOX	07	MAX	62	67	61	64	68	58	70	47	52	38	58	61	75	81	81	79	57	61	77	64	64	65	67	66	57	64	71	68	78	63	64.8	
		MIN	37	47	41	41	30	31	42	28	28	31	35	37	45	53	58	50	34	34	40	34	35	41	43	44	48	49	49	48	42	41	40.5	
BROOKNEAL	07	MAX	69	72	65	69	72	59	73	52	53	47	60	63	76	82	82	82	58	67	82	66	65	67	71	68	60	67	73	71	79	65	67.8	
		MIN	37	46	43	43	27	28	31	28	28	29	32	33	46	46	54	51	38	38	46	29	29	30	40	49	53	47	40	42	32	38.7		
CHARLOTTESVILLE 2W	08	MAX	64	65	54	61	68	58	74	44	53	36	55	61	78	85	82	81	59	52	72	62	63	66	69	68	55	70	74	64	79	60	64.4	
		MIN	40	41	39	42	32	32	39	29	30	31	35	39	45	56	59	46	34	36	36	35	37	38	44	45	47	48	51	52	43	43	40.8	
CHATHAM	07	MAX	64	73	65	71	73	60	73	59	52	51	59	63	76	81	82	82	61	67	81	70	63	66	70	65	60	68	71	70	79	64	68.0	
		MIN	29	42	44	43	28	27	28	29	28	31	30	35	35	49	56	50	36	36	36	29	29	30	35	43	50	45	46	41	41	32	37.1	
DANVILLE 2 SE	24	MAX																															M	
		MIN																																M
DANVILLE RGNL AP	24	MAX	72	71	72	74	60	72	53	52	59	60	62	75	80	81	81	63	64	81	70	64	68	70	64	60	69	73	69	77	65	71	68.4	
		MIN	41	48	44	41	30	31	33	30	39	34	41	41	51	60	62	38	37	37	42	30	36	39	49	50	52	49	50	43	41	34	41.8	
FREE UNION	07	MAX	66	69	55	62	69	60	75	48	54	38	58	65	78	86	83	79	60	55	73	63	64	67	69	68	55	71	75	66	81	64	65.9	
		MIN	31	42	41	44	27	27	32	25	26	33	34	35	40	51	54	48	36	32	37	28	30	31	41	42	48	48	49	43	43	35	37.8	

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## DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LYNCHBURG INTL AP	24	MAX	67	61	61	65	57	71	53	51	44	58	64	76	81	82	80	63	63	79	68	65	65	69	66	58	67	71	68	77	63	72	66.2	
		MIN	41	46	42	38	27	34	32	27	32	28	35	38	53	56	59	37	35	40	36	30	34	43	44	48	50	44	49	43	44	39	40.1	
MARTINSVILLE FLTR PLT	07	MAX	64	70	71	72	70	62	72	51	52	52	60	66	76	81	82	79	58	68	82	66	66	69	69	62	58	71	73	71	79	64	67.9	
		MIN	28	41	43	44	34	29	29	27	27	29	29	38	38	48	56	48	37	36	39	28	28	31	36	49	50	43	43	40	40	31	37.3	
MEADOWS OF DAN 5 SW	07	MAX	66	65	69	69	63	58	67	48	49	50	60	63	72	76	75	72	52	66	77	60	64	67	67	59	59	66	69	65	75	63	64.4	
		MIN	33	41	42	43	29	29	34	28	28	35	35	39	42	44	55	43	32	32	43	32	34	34	41	49	48	46	47	43	40	39	38.7	
MONTEBELLO FISH CULTURAL STN	07	MAX		62	48	66	58	52	66	39	47	37	53	58	73	79	77			51	70	52				56	51	63	72	62	73	54	59.1	
		MIN		27	37	37	23	23	23	19	23	23	29	31	31	45	51			27	33	30				39	45	40	41	39	35	34	32.7	
MONTICELLO	07	MAX																															M	
		MIN																																M
ROCKY MT	07	MAX	64	68	64	73	66	59	71	49	51		60	64	76	80	81	81	63	64	82	60	66	69	71		57	70	72	69	77	64	67.5	
		MIN	31	45	43	43	29	31	33	29	29		31	36	43	53	59	47	35	35	41	32	29	33	37		48	45	48	41	41	34	38.6	
S BOSTON	07	MAX	61	71	65	70	72	56	71	51	49	53	57	58	76	82	83	82	55	59	84	66	60	65	68	64	56	64	70	68	78	60	65.8	
		MIN	30	41	39	41	29	31	34	28	29	33	33	34	35	51	55	45	35	34	35	31	29	32	38	38	46	44	45	39	41	32	36.9	
STUART	07	MAX	64	66	70	71	66	63	70	49	53	54	62	67	74	80	79	64	54	68	81	62	67	69	68	57	57	68	71	68	78	66	66.2	
		MIN	29	40	39	42	28	28	31	29	33	30	31		39	39	55	46	35	35	40	31	32	36	39	48	48	43	52	39	40	34	37.6	
<b>NORTHERN 04</b>																																		
FRONT ROYAL	06	MAX	62	65	49	66	67	53	65	41	52	39	55	61	79	86	84	76	53	45	63	56	62	63	67	67	55	67	71		56	61.6		
		MIN	41	33	36	43			34	27	28	35	36	36	51	46	46	40	37	30	30	36	34	33	46	46	48	47	48		41	38.8		
PURCELLVILLE	08	MAX	61	63	47	59	64	54	69	41	49	43	51	60	77	85	82	60	51	46	61	61	58	61	66	66	63	61	69	68	76	54	60.9	
		MIN	42	36	36	43	32	34	41	27	31	31	33	35	44	60	58	41	37	31	40	34	31	45	41	48	51	46	48	44	41	40	40.0	
LURAY 5 E	08	MAX	62	64	55	68	64	59	72	37	49	37	53	59	77	87	82	77	51	43	65	50	61	63	68	66	53	67	70	66	76	54	61.8	
		MIN	43	35	35	46	26	27	30	25	30	32	34	37	46	54	56	42	33	27	35	31	28	40	39	47	48	42	47	41	35	32	37.4	
MANASSAS	07	MAX	61	65	51	57	71	56	70	42	52		54				85		53	47	63	56	61	62	67				78	55	M			
		MIN	38	39	38	43	34	34	41	29	37		35						36	33	35	34	35	44	46				43	36	M			
MT WX 3	07	MAX	64	58	43	60	62	48	68	35	46	34	49	55	74	80	79	61	46	38	56	53	56	57	63	64	52	59	64	61	72	50	56.9	
		MIN	31	31	31	37	27	29	35	24	24	27	33	37	51	51	58	38	32	28	29	28	29	40	43	44	40	42	45	36	36	36.0		
PIEDMONT RSCH STN	08	MAX	62	67	52	56	70	56	71	60	52	39	54	60	76	84	81	76	55	48	70	59	62	64	69	67	55	65	73	64	77	58	63.4	
		MIN	29	39	39	42	29	29	33	30	29	32	32	37	41	57	60	45	38	32	29	38	33	37	45	42	49	51	48	48	43	37	39.1	
SOMERSET	08	MAX	62	69	52	64	69	57	71	62	52	39	56	60	77	83	81	78	57	51	70	64	62	64	69	67	67	66	73	63	77	60	64.7	
		MIN	34	39	39	39	32	32	30	27	32	33	35	37	44	61	46	40	34	30	37	34	31	39	45	46	49	49	51	43	44	42	39.1	
SPERRYVILLE	06	MAX	64	66	54	58	70	55			51	40	56	63	78	86	83	78	54	45	68	60	60	65	69	67	55	69	74	67	77	56	63.9	
		MIN	38	41	39	42	35	29			34	35	35	38	42	56	56	46	37	30	29	39	34	34	42	41	47	52	51	45	43	43	40.5	
WFO STERLING	24	MAX	63	50		68	53	71	56	50	41	52	58	77	86	83	77	52	48	62	59	59	61	67	69	62	61	69	64	77	53	70	62.7	
		MIN	45	37		34	28	41	36	30	36	34	35	40	60	62	46	40	37	28	40	35	33	44	44	52	52	46	49	43	40	40	40.9	
VIENNA	07	MAX	58	60	46	59	67	51	69	39	48	42	50	56	76	84	82	64	50	44	61	55	61	66	67	60	60	60	69	62	74		60.0	
		MIN	34	38	38	41	32	32	39	29	29	33	33	37	46	61	63	43	38	30	30	34	33	34	45	46	52	46	46	48	42	43	39.8	
WASHINGTON DULLES INTL AP	24	MAX	65	50	52	69	54	71	58	51	43	53	59	77	86	84	71	53	45	62	58	60	63	68	69	62	62	71	64	77	55	71	62.8	
		MIN	46	38	43	39	32	41	36	29	36	34	33	43	58	62	45	41	36	29	38	29	30	44	42	53	53	44	49	43	36	31	40.4	
WASHINGTON REAGAN NATL AP	24	MAX	67	54	56	73	56	72	67	51	46	55	57	78	86	85	69	62	49	62	59	61	63	67	69	63	67	73	64	78	58	73	64.7	
		MIN	50	42	44	42	34	44	37	34	38	38	43	45	60	63	48	45	40	36	43	38	42	48	50	55	55	50	54	51	45	41	45.2	
WINCHESTER	07	MAX	63	63	48	60	62	52	71	40	51	37	55	60	78	87	85	75	52	42	64	56	59	62	69	69	55	69	70	64	74	52	61.5	

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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	
WINCHESTER 7 SE	08	MIN	33	34	35	41	31	32	36	26	30	29	35	37	50	62	56	40	36	29	30	33	32	33	42	43	47	46	47	44	39	40	38.3	
		MAX	62	62	62	62	64	53	70	40	51	37				86	91	52	43	62	56	60		67	68	56	69	71	64	75	54	61.5		
WOODSTOCK 2 NE	07	MIN	28	34	34	41	31	31	31	22	24	29			59	58	40	36	29	29	29	26		38	37	49	46	46	40	39	36	36.2		
		MAX	63	64	51	55	65	65	70	40	50	37	53	60	77	86	85	70	52	46	66	55	59	67	69	67	54	65	69	64	74	56	61.8	
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT	07	MIN	28	35	36	32	31	32	36	23	27	33	35	35	44	51	41	41	35	26	33	34	28	29	39	43	47	42	45	42	39	34	35.9	
		MAX	63	63	55	67	58	53	68	44	48	38	52	62	77	83	82	82	49	57	79	53	61	67	67	67	55	66	68	66	72	57	62.6	
DALE ENTERPRISE	07	MIN	28	39	46	47	29	30	31	23	23	31	32	32	36	41	44	44	32	31	40	30	28	28	39	50	49	40	39	38	31	35.7		
		MAX	61	60	49	61	62	52	68	51	51	42	50	61	73	82	78	56	48	46	69	53	60	64	64	63	53	64	68	64	62	57	59.7	
GATHRIGHT DAM	07	MIN	30	35	35	41	29	29	34	23	32	31	31	33	44	51	55	41	34	32	35	32	30	33	40	40	49	43	43	38	38	33	36.5	
		MAX	57	59	55	64	58	52	67	41	47	35	50	60	78	84	82	71	48	54	79	51	59	68	68	60	53	63	68	65	72	57	60.8	
HOT SPRINGS	07	MIN	27	40	43	45	27	28	32	21	21	31	32	34	37	43	46	42	29	30	40	32	29	29	42	47	47	40	40	40	38	33	35.5	
		MAX	59	59	52	65	56	51	66	39	46	36	49	58	75	82	81	68	46	56	77	50	57	65	68	60	52	63	68	64	71	55	59.8	
LEXINGTON	07	MIN	27	45	43	43	25	24	32	20	20	29	31	34	40	45	46	41	28	28	39	30	29	29	41	46	46	38	38	39	34	32	34.7	
		MAX	63	65	50	62	61	57	70	48	52	37	57	64	77	82	80	75	54	60	76	57	65	66	69	63	55	67	70	68	77	61	63.6	
MILLGAP	06	MIN	29	44	43	44	29	28	30	24	24	32	34	34	38	47	51	47	35	34	42	31	30	30	42	43	48	45	45	40	40	34	37.2	
		MAX	58	55	59	64	53	46	65	36	43	34	45	56	74	82	80	67	44	43	75	51	54	66	64	58	50	59	67	62	66	52	57.6	
MUSTOE 1 SW	24	MIN	21	41	43	41	23	24	27	17	19	27	24	24	29	32	36	42	25	26	39	29	18	19	33	39	45	34	32	30	31	23	29.8	
		MAX	54	55	58	56	47	64	52	42	32	46	55	72	79	77	67	50	40	72	63	53	63	62	59	51	61	65	60	67	51	64	57.9	
ROANOKE 8 N	07	MIN	30	43	42	30	23	29	26	19	27	28	28	36	39	44	27	27	29	33	27	22	34	35	43	46	35	39	32	35	27	32.1		
		MAX	63	65	60	64	58	57	69	50	50	40	56	63	71	81	81	74	54	64	80	57	63	66	68	62	55	68	71	69	75	60	63.8	
ROANOKE INTL AP	24	MIN	31	45	44	43	28	28	32	29	29	33	35	37	42	46	52	46	33	33	44	39	32	33	43	50	49	46	47	43	42	40	39.1	
		MAX	66	64	58	63	59	71	53	52	44	58	65	79	82	82	75	63	65	81	71	65	67	69	63	57	70	72	70	77	62	73	66.5	
STAUNTON WTP	08	MIN	50	47	44	38	30	34	33	29	34	34	42	40	50	57	59	36	34	43	41	38	34	45	50	50	53	47	51	47	43	41	42.5	
		MAX	60	64	46	61	60	55	69	39	50	37	54	61	74	82	78	72	52	52	73	55	62	63	64	64	51	64	70	63	73	57	60.8	
WAYNESBORO WTP	07	MIN	34	37	36	43	28	29	39	22	25	28	33	37	49	58	58	42	31	33	36	33	33	35	42	46	46	42	46	46	38	36	38.0	
		MAX	61	65	49	69	64	56	70	41	51	37	53	61	74	82	80	74	52	53	71	59	60	65	67	63	54	65	69	66	76	57	62.1	
SOUTHWESTERN MOUNTAIN 06 ABINGDON 3S	06	MIN	29	41	38	41	30	30	35	23	23	30	30	36	39	47	51	44	33	33	33	31	29	30	42	43	43	43	42	35	34	36.0		
		MAX	64	63	60	78	56	54	60	46	46	46	55	61	74	79	81	70	42	59	79	53	62	71	69	58	57	60	63	66	70	61	62.1	
BIG STONE GAP	08	MIN	28	41	47	47	27	30	42	24	25	30	28	34	38	41	46	38	29	30	46	27	28	37	47	52	51	45	44	40	36	32	37.0	
		MAX	63	65	58	74	51	56	62	36	47	49	55	63	74	78	81	67	41	65	77	50	65	72	70	70	66	61	60	70	72	63	62.7	
BLACKSBURG NWSO	07	MIN	32	44	48	47	27	32	25	24	30	30	30	30	37	48	49	37	30	30	42	28	29	41	40	40	52	46	46	39	36	33	36.6	
		MAX	59	61	59	63	56	53	63	41	45	39	53	59	71	75	75	69	48	59	77	49	59	65	65	55	55	64	65	64	70	57	59.8	
BURKES GARDEN	07	MIN	27	41	41	42	26	27	28	21	22	32	34	34	40	42	50	40	28	28	44	33	28	31	40	45	46	41	41	39	38	32	35.4	
		MAX	58	57	59	65	51	48	58	34	40	38	49	54	67	74	75	60	37	53	73	47	54	63	63	49	52	56	55	60	64	52	55.5	
CHRISTIANSBURG	07	MIN	28	45	41	37	22	22	33	20	21	31	24	24	45	45	58	34	23	24	46	30	22	23	36	43	44	36	35	38	31	27	32.9	
		MAX	58	61	58	65	56	54	62	39	45	40	52	59	71	74	73	68	47	58	75	49	57	64	65	54	54	63	65	64	69	56	59.2	
CLINTWOOD 1 W	07	MIN	31	46	41	41	26	27	35	22	23	31	34	37	41	48	56	39	28	28	46	33	33	33	43	45	45	43	43	44	38	36	37.2	
		MAX	64	63	50	74	49	54	66	34	45	48	56	63	77	81	83	70	39	64	82	46	61	73	72	61	66	59	61	69	72	61	62.1	
		MIN	30	44	41	42	25	25	29	22	22	29	27	27	36	42	42	36	30	31	43	27	27	27	38	50	51	46	46	38	31	29	34.4	

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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	
COPPER HILL	07	MAX	55	61	60	63	56	51	63	43	43	42	51	57	68	72	71	66	47	57	73	49	57	59	61	52	52	61	63	63	69	54	58.0	
		MIN	29	45	37	36	25	23	39	20	19	27	31	34	45	50	55	39	25	24	40	31	33	38	45	43	43	44	42	47	35	36		
ELK CREEK 4SSW	07	MAX	56	60	63	66	54	52	62	44	44	40	51	57	70	72	72	62	41	57	78	49	58	63	59	49	53	59	61	62	67	56	57.9	
		MIN	34	48	43	43	22	25	43	20	22	31	33	39	48	53	55	35	22	24	48	31	35	42	46	45	47	43	44	46	33	36		
GALAX WTP	07	MAX	58	63	64	67	58	55	65	47	47	44	56	59	70	74	73	66	46	60	77	56	61	63	62	53	56	63	64	65	70	59	60.7	
		MIN	28	38	44	43	29	28	28	25	25	34	36	34	37	44	52	40	29	31	54	37	29	29	38	48	49	44	44	39	38	33		
GRUNDY	07	MAX	65	58	49			55	66	36	46	46	55	64	77	82	84	70		64	81	46	62	73	74	60	58	62	64	70	72	63	63.0	
		MIN	34	44	44			30	31	26	29	32	29	29	38	47	49	38	31	32	44	28	29	31	44	51	53	48	48	40	34	31		
JOHN FLANNAGAN LAKE	07	MAX		67		77	51	59				58	67	77			83	39	64	82	47			78	62	63	61	63			71	M		
		MIN		31		41	27	27			24		28	28	38			37	30	31	44	28				52	52	47	45		31		M	
LEBANON	07	MAX	64	64	57	76	50	55	61	35	45	45	55	62	74	80	82	68	41	61	79	47	61	71	69	59	59	60	65	67	60	72	61.5	
		MIN	27	47	41	40	27	26	34	23	30	29	29	29	39	44	60	38	29	30	46	26	26	28	55	51	52	43	43	42	42	30		
NORA 4 SSE	07	MAX	58	60	56	69	47	52	60	32	43	44	52	58	70	74	76	63	37	58	74	44	56	67	66	54	58	57	58	66	70	56	57.8	
		MIN	34	42	42	46	23	23	32	21	21	30	31	32	46	56	57	33	25	27	44	31	31	42	50	48	48	45	44	45	34	34		
PULASKI 2 E	07	MAX	60	63	61	67	56	55	63	39	56	39	55	60	75	76	76	68	45	59	75	56	60	66	66	56	54	60	64	65	66	58	60.6	
		MIN	31	46	43	43	28	28	39	25	29	29	30	36	42	46	60	39	28	30	50	36	27	37	41	46	47	40	42	45	39	32		
RADFORD 3 N	08	MAX	58	60	59	64	54	52	52	64	37	46	53	59	74	77	77	69	48	60	79	49	56	65	66	56	56	63	64	71	56	69	60.4	
		MIN	27	35	43	43	28	26	26	37	25	30	35	32	39	43	54	41	30	32	46	37	27	36	48	47	48	42	49	38	37	45		
RICHLANDS	07	MAX	63	63	53	76	49	55	61	37	45	45	54	61	73	79	82	68	41	61	78	46	60	70	70	58	60	62	62	68	70	59	61.0	
		MIN	29	43	43	43	26	26	30	23	22	22	28	31	37	45	47	37	29	31	43	26	26	28	51	51	51	43	44	37	33	29		
SALTVILLE 1N	07	MAX	64	65	60	77	55	56	62	41	46	48	56	62	74	80	82	82	45	60	80	52	63	71	71	57	58	62	64	67	72	60	63.1	
		MIN	29	40	43	43	27	25	28	26	25	29	29	29	36	37	43	40	30	31	44	29	29	30	38	51	51	44	43	37	35	30		
STAFFORDSVILLE 3 ENE	07	MAX	60	60	54	64	56	54	66	39	48	38	53	60	74	77	77	68	49	61	78	49	56	65	68	65	55	60	63	65	73	57	60.4	
		MIN	26	41	43	43	28	26	27	25	25	32	33	32	35	41	47	39	28	28	33	35	26	26	37	47	48	40	40	37	37	33		
WISE 1SE	09	MAX	63	62	55	73	48	56	58	31	43	45	52	62	76	77	79	65	37	62	76	40	61	71	68	58	62	57	57	68	70	61	59.8	
		MIN	36	43	44	39	24	28	30	21	26	29	27	36	54	58	62	32	26	29	39	27	30	45	50	47	49	41	44	43	31	31		
WYTHEVILLE	07	MAX	61	62	60	67	54	52	60	39	44	40	53	58	72	77	78	65	41	56	78	52	59	65	66	54	53	60	63	63	68	56	59.2	
		MIN	28	42	44	44	26	26	32	24	24	28	31	34	37	43	50	38	26	28	52	35	30	30	44	45	45	42	42	43	36	36		

VIRGINIA  
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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
<b>VIRGINIA</b>																																
<b>TIDEWATER 01</b>																																
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							0.1	T																							
	SN ON GND																															
WALKERTON 2 NW	SNOWFALL							0.1																								
	SN ON GND							1																								
WALLACETON LK DRUMMOND	SNOWFALL																															
WALLOPS ISLAND NASA TEST FACIL	SNOWFALL							T																								
	SN ON GND																															
WARSAW 2 NW	SNOWFALL																															
WEST POINT 2 NW	SNOWFALL							T		T																						
	SN ON GND																															
WILLIAMSBURG 2 N	SNOWFALL	-	-	-	-	-	-	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>EASTERN PIEDMONT 02</b>																																
ALBERTA 5N	SNOWFALL								0.5																							
	SN ON GND								T																							
AMELIA COURTHOUSE 1	SNOWFALL							T	T																							
	SN ON GND																															
ASHLAND	SNOWFALL							T	0.1	T																						
	SN ON GND																															
BREMO BLUFF	SNOWFALL									T	0.5																					
BUCKINGHAM	SNOWFALL										T																					
	SN ON GND																															
CAMP PICKETT	SNOWFALL	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHASE CITY	SNOWFALL	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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  
201804

## 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
CLARKSVILLE	SN ON GND	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SNOWFALL								T																						
CORBIN CROZIER	SN ON GND								T																						
	SNOWFALL	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FARMVILLE 2 N JOHN H KERR DAM KEYSVILLE 2 S	SN ON GND																														
	SNOWFALL	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISA	SN ON GND																														
	SNOWFALL	-	-	-	-	-	-	T	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PALMYRA 3S	SN ON GND																														
	SNOWFALL	-	-	-	-	-	-	-	0.7	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETERSBURG RICHMOND INTL AP	SN ON GND																														
	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINTERPOCK 4 W WESTERN PIEDMONT 03 APPOMATTOX	SN ON GND																														
	SNOWFALL									1.0	0.9	0.2																			
BEDFORD	SN ON GND									1	1	1																			
	SNOWFALL									T	T	T																			
BROOKNEAL	SN ON GND																														
	SNOWFALL									T																					
CHARLOTTESVILLE 2W	SN ON GND																														
	SNOWFALL									0.2	T	0.2																			
CHATHAM	SN ON GND																														
	SNOWFALL									T	T																				
CONCORD 4 SSW	SN ON GND																														
	SNOWFALL									0.5	T	T																			
DANVILLE 2 SE DANVILLE RGNL AP	SN ON GND																														
	SNOWFALL									T																					
FREE UNION	SN ON GND																														
	SNOWFALL									T	T	T																			
HOLCOMB ROCK	SN ON GND																														
	SNOWFALL																														
HUDDLESTON 4 SW	SN ON GND																														
	SNOWFALL									T	T																				
LYNCHBURG INTL AP	SN ON GND																														
	SNOWFALL									T																					

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

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

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

VIRGINIA  
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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
MARTINSVILLE FLTR PLT	SNOWFALL																														
	SN ON GND																														
MEADOWS OF DAN 5 SW	SNOWFALL								T																						
	SN ON GND																														
MONTEBELLO FISH CULTURAL STN	SNOWFALL	-															-					-	-								
	SN ON GND	-															-					-	-								
MONTICELLO PEDLAR DAM	SNOWFALL								T	T	0.5								T												
	SN ON GND																														
ROCKY MT	SNOWFALL								T																						
	SN ON GND																														
S BOSTON	SNOWFALL																														
	SN ON GND																														
STUART	SNOWFALL																														
	SN ON GND																														
WOOLWINE 1 SE	SNOWFALL								T																						
	SN ON GND																														
<b>NORTHERN 04</b>																															
PURCELLVILLE	SNOWFALL									T	T																				
	SN ON GND																														
LURAY 5 E	SNOWFALL																														
	SN ON GND																														
MANASSAS	SNOWFALL																														
	SN ON GND																														
MT WX 3	SNOWFALL																														
	SN ON GND																														
PIEDMONT RSCH STN	SNOWFALL						-	-	-	-	-					-	-														
	SN ON GND						-	-	-	-	-					-	-														
SOMERSET	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SPERRYVILLE	SNOWFALL								-	T																					
	SN ON GND								-																						
WFO STERLING	SNOWFALL								T																						
	SN ON GND																														
VIENNA	WTR EQUIV																														
	SNOWFALL																														
	SN ON GND																														
WASHINGTON DULLES INTL AP	SNOWFALL								T																						
	SN ON GND																														
WASHINGTON REAGAN NATL AP	SNOWFALL																														
	SN ON GND								T																						
WINCHESTER	SNOWFALL																														
	SN ON GND																														
	SNOWFALL																														
	SN ON GND																														

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

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

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







VIRGINIA  
201804

## 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	33	55	28	63	23	59	49	36	31	24	26	63	70	43	54	91	53	31	51	19	15	54	54	54	15	15	25	29	27	33		
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
																																1223 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	07	07		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 2 SE	2245	03	PITTSYLVANIA	36 34	79 22W	392	24	24		H
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	60	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	1157	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		CH
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	758	07	07		H
MT WX 3	5853	04	CLARKE	39 4	77 54W	1550	07	07		H
MTN GROVE	5756	05	BATH	38 6	79 53W	1775		07		H
MUSTOE 1 SW	5880	05	HIGHLAND	38 19	79 40W	2367	24	24		CH
NEW CASTLE	6012	05	CRAIG	37 31	80 6W	1258		07		H
NORA 4 SSE	6125	06	DICKENSON	37 1	82 19W	2650	07	07		H
NORFOLK INTL AP R	6139	01	NORFOLK (CITY)	36 54	76 12W	30	24	24		HJ

# 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)
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
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	08	08		H
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	07	07		H
RICHMOND INTL AP R	7201	02	HENRICO	37 31	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	1906	07	07		CH
STAUNTON WTP	8062	05	AUGUSTA	38 10	79 5W	169	08	08		CH
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
WFO STERLING	8084	04	LOUDOUN	38 59	77 29W	288	24	24		H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	24	24		H
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 1 SE	9272	03	PATRICK	36 46	80 16W	1263		08		CH
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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