



CLIMATOLOGICAL DATA

VIRGINIA

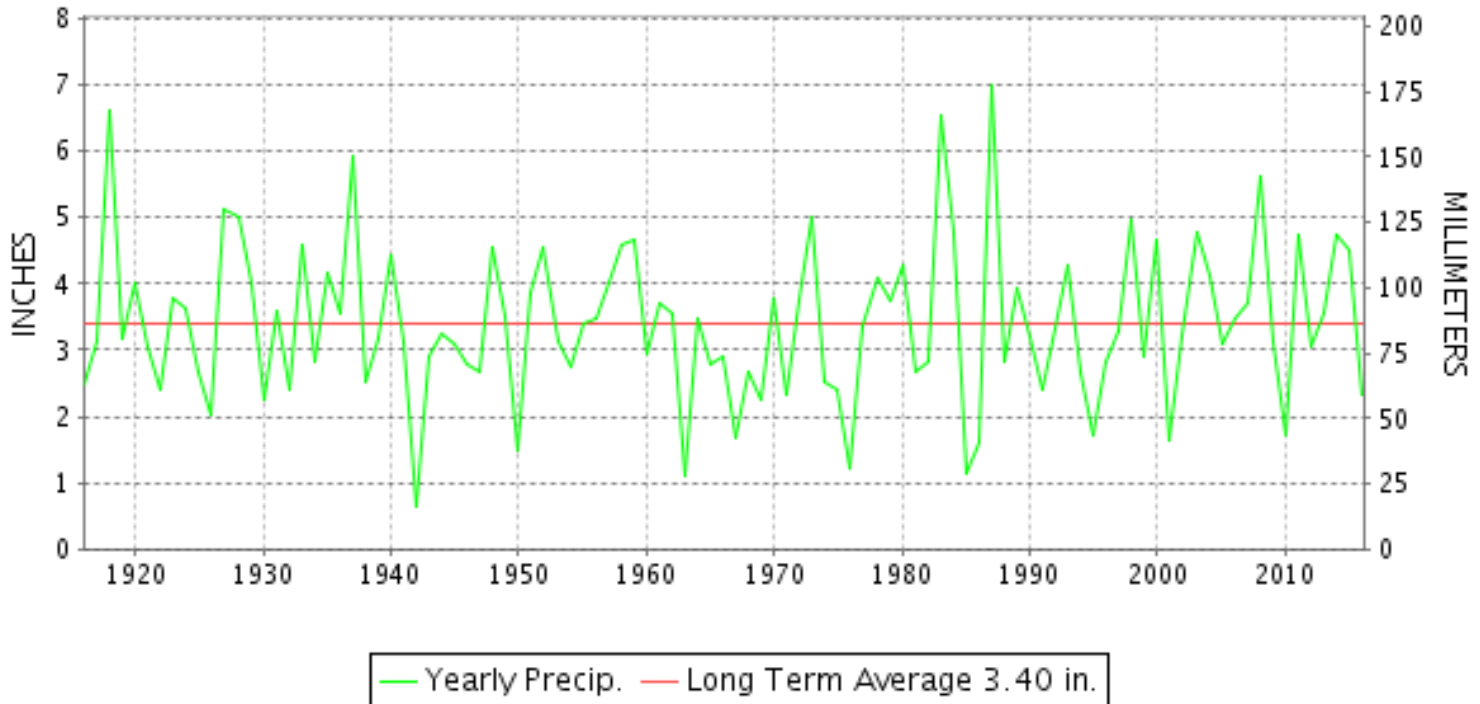
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APRIL PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

VIRGINIA

HIGHEST TEMPERATURE	90	APRIL 20	JOHN H KERR DAM
LOWEST TEMPERATURE	10	APRIL 10	BURKES GARDEN
GREATEST TOTAL PRECIPITATION	3.95		WALLACETON LK DRUMMOND
LEAST TOTAL PRECIPITATION	0.95		WOODSTOCK 2 NE
GREATEST 1 DAY PRECIPITATION	1.61	APRIL 23	WALLACETON LK DRUMMOND
GREATEST TOTAL SNOWFALL	2.0		BURKES GARDEN
GREATEST DEPTH OF SNOW OR ICE	2		2 STATIONS

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Asheville, North Carolina

VIRGINIA
201604

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										
PALMYRA 3S	69.0	39.5	54.2	0.5	89	27	20	06	337	20	0	0	9	0	2.50	-0.53	0.48	23	M			9	0	0
PETERSBURG	69.4	43.1	56.3	-1.6	87	19+	27	10+	282	27	0	0	4	0	2.40	-0.83	0.70	22	M	0		8	1	0
RICHMOND INTL AP	68.6	44.6	56.6	-1.6	87	26+	27	10+	269	24	0	0	3	0	2.17	-1.10	0.60	22	0.0	0		9	1	0
SANDSTON	M	M	M								0	0	0	0	M				M					
WINTERPOCK 4 W															2.57		0.89	29	M			8	1	0
--DIVISIONAL DATA-----> WESTERN PIEDMONT 03			56.6	0.7B										2.45	-0.88B									
ALTAVISTA														1.36		0.50	08	0.0	0			5	1	0
APPOMATTOX	68.8	44.1	56.4	1.0	86	27+	26	10	275	25	0	0	3	0	1.91	-1.51	0.66	07	T	0		4	1	0
BEDFORD 4 NW														1.76		0.49	07	0.0	0			4	0	0
BROOKNEAL	71.8	42.2	57.0	5.8	88	20+	24	06	261	28	0	0	5	0	1.55	-2.16	0.51	07	0.0	0		5	1	0
CHARLOTTESVILLE 2W	68.6	44.0	56.3	-0.9	88	27	28	10	281	25	0	0	5	0	2.30	-1.10	0.72	07	0.0	0		6	2	0
CHATHAM	69.7	39.6	54.7	0.8	85	27+	23	10+	312	11	0	0	10	0	3.67	0.12	0.98	28	0.0	0		9	4	0
CONCORD 4 SSW														2.33		0.73	01	0.0	0			6	2	0
DANVILLE RGNL AP	71.2	44.9	58.1	-0.2	87	19+	24	10	227	26	0	0	4	0	2.80	-0.66	0.87	27	0.0	0		6	3	0
FREE UNION	69.1	38.8	54.0		88	19	22	07+	335	12	0	0	10	0	* 3.09		1.06	28	M			7	2	1
HOLCOMB ROCK														2.90		1.23	23	T		09		6	2	1
HUDDLESTON 4 SW														1.48		0.43	07	0.0	0			5	0	0
LYNCHBURG INTL AP	68.2	42.8	55.5	0.1	85	26+	22	10	292	14	0	0	4	0	2.12	-1.19	0.78	07	0.0	0		5	1	0
MARTINSVILLE FLTR PLT	71.5	39.9	55.7	0.5	87	27+	22	10	294	24	0	0	8	0	2.05	-1.44	0.80	28	0.0	0		3	2	0
MEADOWS OF DAN 5 SW	68.4	41.2	54.8		88	20	27	11+	314	15	0	0	5	0	3.59		1.46	01	0.0	0		5	2	1
MONTEBELLO FISH CULTURAL STN	M	M	M		84	23	19	10	524E	0	0	0	8	0	M				M					
MONTICELLO	M	M	M								0	0	0	0	M				M					
PEDLAR DAM														2.19		0.60	23	T	0			5	2	0
ROCKY MT	70.8	40.5	55.7	1.0	88	20+	24	11+	302	30	0	0	8	0	2.20	-1.57	0.63	01	T	0		5	2	0
SOUTH BOSTON	71.1	43.3	57.2	1.4	88	20	26	10	248	21	0	0	4	0	2.35	-1.13	0.72	28	0.0	0		6	2	0
STUART	71.9	42.6	57.2	1.0	88	20	25	10	258	31	0	0	3	0	2.10	-1.89	0.62	01	0.0	0		5	3	0
TYE RIVER 1 SE	M	M	M								0	0	0	0	M				M					
WOOLWINE														3.02		0.91	01	T	0			6	3	0
--DIVISIONAL DATA-----> NORTHERN 04			56.1	0.4B										2.36	-1.37B									
EDINBURG	M	M	M								0	0	0	0	M				M					
FRONT ROYAL	66.4M	40.1M	53.3M	-1.0	88	19	26	11	351E	6E	0	0	7	0	M 2.14	-1.12	0.74	24	0.0	0		4	2	0
LINCOLN	66.7	38.0	52.4	0.5	83	27	21	07+	375	3	0	0	10	0	1.61		0.81	08	0.0	0		2	2	0
LURAY 5 E	66.7	39.3	53.0	-1.6	85	20	20	10	356	4	0	0	9	0	1.63	-1.81	0.47	23	0.2	0		5	0	0
MADISON	M	M	M								0	0	0	0	M				M					
MANASSAS	67.5M	41.5M	54.5M	0.1	86	27	25	06	318E	13E	0	0	5	0	MA 2.40		0.30	24	M			4	0	0
MT WEATHER	61.4	39.6	50.5	-1.2	81	19	22	11+	432	6	0	0	7	0	1.96	-1.73	0.50	29+	0.0	0		5	2	0

VIRGINIA
201604

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											
PIEDMONT RSCH STN	66.7	42.4	54.5	-0.8	85	19	23	10	324	17	0	0	5	0	2.63	-0.77	1.01	28	M	0		6	3	1	
SOMERSET	68.0	41.7	54.9	1.0	87	19	22	10+	311	15	0	0	7	0	2.78	-0.41	1.38	28	M			5	1	1	
SPERRYVILLE	66.1M	39.7M	52.9M	-0.8	87	19	25	06	366E	12E	0	0	6	0	M 1.55	-2.22	0.48	29	0.5	T	03	4	0	0	
STERLING (RCS)	66.0M	40.5	53.2M	0.1	84	27+	23	06	359E	8E	0	0	6	0	1.86	-1.76	0.63	08	T	0		6	1	0	
VIENNA	64.0	39.7	51.8	-2.1	84	27	25	11+	393	5	0	0	8	0	1.56	-2.03	0.80	07	M			2	1	0	
WARRENTON 3 SE	M	M	M								0	0	0	0	M				M						
WASHGTN DULLES INTL AP	65.9	42.3	54.1	-0.3	84	26	24	06	335	18	0	0	5	0	1.88	-1.59	0.94	07	T	0		3	1	0	
WASHINGTON REAGAN NATL AP	67.0	46.7	56.9	0.1	86	26	30	05	269	33	0	0	3	0	2.05	-1.01	0.70	07	T	0		5	2	0	
WINCHESTER	65.5	40.4	53.0	-0.1	88	19	25	10	358	6	0	0	7	0	1.96	-1.41	0.61	23	0.0	0		4	2	0	
WINCHESTER 7 SE	64.6M	34.8M	49.7M	-1.8	87	18	19	06+	453E	0	0	0	14	0	M 2.07	-1.10	0.95	23	0.0	0		4	1	0	
WOODSTOCK 2 NE	65.5	37.6	51.6	1.1	85	19	20	10	396	1	0	0	11	0	0.95	-1.98	0.48	29	M	0		2	0	0	
--DIVISIONAL DATA----->			53.1	0.2B											1.90	-1.30B									
CENTRAL MOUNTAIN 05																									
BUENA VISTA															1.87		0.51	29	0.0	0		5	1	0	
COVINGTON FLTR PLT	71.2	39.6	55.4	1.6	88	19	24	11+	297	16	0	0	10	0	2.38	-0.84	0.65	29	1.0	T	09	7	1	0	
DALE ENTERPRISE	64.7	38.8	51.7	1.2	82	26+	25	07+	394	2	0	0	10	0	1.36	-1.61	0.62	29	0.0	0		5	1	0	
GATHRIGHT DAM	67.5	39.1	53.3	1.6	84	19	21	10	349	6	0	0	9	0	2.22	-0.95	0.80	27	T	T	09	7	1	0	
GLASGOW 1 SE															1.76		0.47	29	T	0		5	0	0	
HOT SPRINGS	65.9	38.3	52.1	1.2	83	19	20	11+	391	10	0	0	10	0	1.89	-1.81	0.48	23	T	0		8	0	0	
LEXINGTON	69.6	40.2	54.9	0.9	87	20+	24	11+	311	15	0	0	6	0	1.50	-1.92	0.37	23	T	0		5	0	0	
MILLGAP	63.2	30.1	46.7	-0.7	80	19	11	11	543	0	0	1	19	0	2.18	-1.57	0.55	27	M	M 1	09	6	1	0	
MTN GROVE															2.34		0.59	29	T	T	09	6	2	0	
MUSTOE 1 SW	M	M	M								0	0	0	0	M				M						
NEW CASTLE															1.55		0.70	23	0.0	0		3	1	0	
ROANOKE 8 N	69.8	42.5	56.2	1.2	88	19	26	11	285	27	0	0	4	0	1.58	-2.15	0.63	23	0.0	0		5	1	0	
ROANOKE INTL AP	70.3	45.8	58.0	1.3	88	18	25	10	240	39	0	0	3	0	1.13	-2.24	0.26	28	T	0		5	0	0	
STAUNTON WATER TRMTMT PLT	65.7	41.0	53.3	0.4	83	19	22	10	349	9	0	0	9	0	1.85	-1.30	0.63	28	0.0	0		7	1	0	
WAYNESBORO WTP	67.3	38.7	53.0	1.5	84	27+	21	10	359	4	0	0	10	0	1.92	-1.63	0.60	29	0.0	0		7	1	0	
--DIVISIONAL DATA----->			53.5	0.8B											1.82	-1.38B									
SOUTHWESTERN MOUNTAIN 06																									
ABINGDON 3S	68.3	40.3	54.3	1.0	82	21	23	10	321	5	0	0	9	0	3.84	-0.10	0.85	28	0.0	0		10	3	0	
BIG STONE GAP	69.5	40.7	55.1	0.8	83	21+	25	10	297	8	0	0	8	0	3.59	-1.08	0.72	01	0.0	0		8	3	0	
BLACKSBURG NWSO	66.6	37.9	52.3	1.6	83	19	19	11+	382	8	0	0	12	0	1.56	-1.92	0.36	01	0.6	T	09	6	0	0	
BURKES GARDEN	62.2M	33.0M	47.6M	-0.3	76	19	10	10	516E	0	0	1	17	0	M 1.81	-1.87	0.55	24	2.0	2	09	6	1	0	
CHRISTIANSBURG	64.9	40.0	52.5	-0.2	81	20+	21	10	371	5	0	0	8	0	1.42	-1.86	0.53	01	T	T	10	4	1	0	
CLINTWOOD 1 W	70.1	36.8	53.5	1.6	84	21+	21	10	340	1	0	0	10	0	2.11	-1.97	0.51	01	0.1	0		8	1	0	
COPPER HILL	63.5	39.4	51.5		81	19	19	11+	408	7	0	0	9	0	1.74		0.55	01	0.5	1	09	6	1	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										
GALAX RADIO WBRF	68.0	37.9	53.0	2.1	83	18	21	11+	357	1	0	0	13	0	2.96	-0.58	1.02	28	0.3	T	09	5	3	1
GALAX WTP	64.4	37.4	50.9	0.9	80	19	22	11+	418	1	0	0	14	0	2.48		0.97	28	0.0	0		4	2	0
GRUNDY	70.3	40.2	55.2	2.4	85	19	24	10	293	6	0	0	8	0	2.27	-1.79	0.56	28	0.5	T	09	9	1	0
JOHN FLANNAGAN LAKE	M	M	M		89	19	23	11	210E	12E	0	0	7	0	MA 2.87		0.47	28	0.0	0		6	0	0
LAFAYETTE 1 NE															1.88		0.54	23	T	T	09	6	1	0
LEBANON	69.5	37.5	53.5	1.6	84	21+	21	11+	343	6	0	0	10	0	2.15	-1.28	0.73	23	0.0	0		5	1	0
NORA 4 SSE	63.2M	41.0M	52.1M	1.8	79	20	25	10+	400E	13E	0	0	8	0	M 1.97	-1.24	0.47	23	0.3	T	09	6	0	0
N FK LAKE	M	M	M		83	25+	22	11	313E	0	0	0	4	0	MA 1.97		0.15	12	M	0		1	0	0
PULASKI 2 E	67.0	39.9	53.4	1.5	82	19	20	10	348	11	0	0	12	0	1.33	-1.62	0.59	23	0.8	T	09	4	1	0
RADFORD 3 N	65.6	38.3	52.0	1.8	81	29+	20	10	389	4	0	0	13	0	1.31	-1.76	0.50	23	T	T	09	5	1	0
RICHLANDS	67.7	37.9	52.8	1.3	83	19	21	10	357	0	0	0	10	0	2.63	-1.16	0.87	28	T	T	09	9	1	0
SALTVILLE 1N	68.8	38.1	53.4	0.5	82	19	22	10	340	2	0	0	11	0	3.38	-0.24	0.65	27	T	T	09	8	3	0
STAFFORDSVILLE 3 ENE	66.5	37.3	51.9	0.3	81	29+	20	11+	389	3	0	0	14	0	1.30	-2.05	0.45	23	T	T	09	4	0	0
WILLIS															1.97		0.56	01	0.9	1	09	5	1	0
WISE 3E	66.7	43.4	55.0	1.4	78	19+	23	10	297	6	0	0	7	0	2.80	-1.33	0.65	01	0.5	0		5	3	0
WYTHEVILLE	65.3	38.9	52.1	2.2	82	19	20	11	386	5	0	0	10	0	1.87	-1.35	0.71	23	1.7	2	09	6	1	0
--DIVISIONAL DATA----->			52.7	1.4B											2.24	-1.46B								

VIRGINIA
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DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
VIRGINIA																																	
TIDEWATER 01																																	
DISPUTANTA	2.07			0.22		0.25			0.13			0.32	0.40										0.48	0.07				0.07	0.13				
EASTVILLE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIA 1 WNW	3.11		0.37			0.03			0.04			T	0.21	0.44									0.50						1.10	0.41	0.01		
FREDERICKSBURG SEWAGE	M 1.52	0.05	0.22	0.02		0.11	-	T	0.57			0.02	T	0.02									T				0.07	0.03	0.41	T			
HOLLAND 1 E	1.92		0.04	0.01				0.08		0.01			0.41										0.15	0.16			0.37	0.69					
HOPEWELL	2.56	0.12	0.21			0.29		0.18	0.02	0.02			0.36										0.36	0.17			0.02	0.11	0.70	T			
NORFOLK INTL AP	2.78	T	0.70			0.17		0.02		0.02			T	0.42									0.59	0.06			0.17	0.52	0.13				
NORFOLK SOUTH	2.71	T	0.81			0.17		0.02		T		0.01	0.46										0.52	0.08			0.27	0.29	0.08				
NORTH	2.39			0.24		0.40							0.06	0.64										0.20	0.05				0.07	0.73			
PAINTER 2W	1.95		0.44	0.02		0.34		0.04		0.12			0.48										0.05	0.07				0.21	0.18				
STONY CREEK 2 N	1.94		0.17					0.19					0.86										0.19					0.28			0.25		
SUFFOLK LAKE KILBY	2.76	T	0.75	0.01		0.10		0.04					0.54										0.24	0.47			0.23	0.38	T				
WAKEFIELD 1NW	2.29	T	0.41		0.02	0.09		0.04		T		T	0.78										0.18	0.26			0.09	0.40	0.02	T			
WALKERTON 2 NW	2.36	0.05	0.52		0.29		0.12						0.18									0.05	0.33				0.20	T	0.62				
WALLACETON LK DRUMMOND	3.95		0.07	0.85				0.03	0.05				0.50											1.61	0.24			0.45	0.15				
WALLOPS ISLAND NASA TEST FACIL	1.68	0.16	0.31	T	0.09	0.33		0.06		0.07			0.41										0.05	0.05		0.06	0.02	0.07	T				
WARSAW 2 NW	2.46	0.32		0.30		0.33	0.03	0.23	0.09	0.07			0.21										0.15	0.16			0.06	0.40	0.11				
WEST POINT 2 NW	2.74	0.22	0.32	0.01		0.20		0.09	0.03	T			0.61										0.27	0.37			0.10	0.06	0.46	T			
WILLIAMSBURG 2 N	3.03		0.27		0.03	0.31		0.02		0.02			1.10										0.22	0.09				0.85	0.12				
EASTERN PIEDMONT 02																																	
ALBERTA 5N	1.85	0.21	0.01	0.04		T		T	0.11	T		T	0.24	0.11											0.23	0.21			0.34	0.35	T		
AMELIA COURTHOUSE 1	3.24	0.59		0.05		0.20		0.25					0.08											0.94				0.08	1.05				
ASHLAND	3.78	0.43	0.17		T	0.18		0.42					0.06										0.18	0.78			0.18	0.35	1.03				
BREMO BLUFF	1.95	0.20	0.19	0.03		0.13			0.62	0.02														0.17			0.23	0.15	0.19	0.02			
BUCKINGHAM	3.25	0.22	0.29	0.01				0.02	0.76				T	T										0.44				0.06	1.42	0.03			
CAMP PICKETT	1.27		0.15						0.30				0.10											0.20					0.52				
CHASE CITY	2.37	0.09		0.10				0.12	0.17				0.14	0.25										0.78	0.02			0.60	0.10				
CLARKSVILLE	M 2.74	0.10	0.10	0.10				0.10	0.15				0.10	0.16										0.43	0.10				1.28	0.12	-		
CORBIN	2.12		0.48			0.20		0.47				0.11	0.10	0.01										0.09				0.13	0.26	0.27			
CROZIER	2.38	0.84	0.03					0.60					0.05											0.30				0.28	0.14	0.14			
FARMVILLE 2 N	2.10	0.15	0.36			T		T	0.60					T										0.23	0.24				T	0.52	T		
GREENBAY 3 NE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOHN H KERR DAM	3.15	0.11	0.04	0.02				0.08	0.08				0.18	0.27										0.44					1.07	0.86			
KEYSVILLE 2 S	3.03	0.17	0.74	0.02		T		0.02	0.68				0.01	0.02										0.62				0.07	0.68				
LOUISA	1.54	0.12	0.09					0.29																0.08	0.04			0.17	0.67	0.06	0.02		
PALMYRA 3S	2.50	0.34	0.06	0.04			0.11	0.44	0.25				0.10	0.10										0.48				0.26	0.15	0.02	0.25		
PETERSBURG	2.40	0.08	0.33		0.30			0.01				0.10	0.24											0.70	0.01			0.10	0.36		0.17		
RICHMOND INTL AP	2.17	0.26	0.18		0.03	0.18		0.14		0.01		T	0.19											0.60	0.01			0.10	0.37	T	T		
SANDSTON	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINTERPOCK 4 W	2.57	0.20	0.42	0.13		0.13			0.16	0.01			0.05	0.11										0.41				0.05	0.89	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	
CENTRAL MOUNTAIN 05																																	
BUENA VISTA	1.87	0.18	0.08	0.03			0.26	0.07															0.38					0.35	0.01	0.51			
COVINGTON FLTR PLT	2.38	0.07		0.23			0.12	0.14	0.03		0.09	0.02	0.02									T	0.35					0.27	0.39	0.65			
DALE ENTERPRISE	1.36		0.08	0.05			0.15	0.10															0.18					0.10	0.06	0.62	0.02		
GATHRIGHT DAM	2.22	0.05	0.13	0.03		0.06	0.25	0.17	0.01	0.03	0.03	T										T	0.39	0.02			0.80	0.12	0.13				
GLASGOW 1 SE	1.76	0.21	0.03				0.42	0.06	T	T		T											0.33				0.20	0.03	0.47	0.01			
HOT SPRINGS	1.89	0.10	0.10		0.03		0.23	0.10	T	0.01	0.02	0.02	0.03									0.01	0.48				0.45	0.14	0.17				
LEXINGTON	1.50	0.16	0.07	0.04	0.01		0.28	0.08	T	T	0.02	0.02										T	0.37				0.22	0.04	0.19				
MILLGAP	2.18	0.04	0.02	0.09	0.08		0.20	0.34	0.04	0.01	0.07	0.05										0.02	0.28				0.55	0.16	0.23				
MTN GROVE	2.34	0.05	0.12		0.05		0.26	0.08	T														0.47				0.54	0.18	0.59				
MUSTOE 1 SW	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW CASTLE	1.55	0.08	0.03	0.04		T	0.29	0.08	0.06	0.01		T										T	0.70	0.01			0.18	0.03	0.04				
ROANOKE 8 N	1.58	0.18	0.02	0.03			0.14	0.05	0.05	0.01		T										T	0.63				0.03	0.11	0.33				
ROANOKE INTL AP	1.13	0.14	T	T	T		0.07	0.02	T	T	T	T										0.21			0.03	0.23	0.26			0.17			
STAUNTON WATER TRMTMT PLT	1.85	0.10	0.06	0.04		T	0.16	0.13	T													T	0.13	T			0.13	0.63	0.47	T			
WAYNESBORO WTP	1.92	0.10	0.11	0.02			0.28	0.19																			0.40	0.20	0.60	0.02			
SOUTHWESTERN MOUNTAIN 06																																	
ABINGDON 3S	3.84	0.62	0.05				0.43	0.10	0.12			0.16	0.26									0.17	0.83	0.05				0.85	0.20				
BIG STONE GAP	3.59	0.72			0.02		0.45	0.03	0.24		0.04	0.13										0.60	0.50				0.38	0.48					
BLACKSBURG NWSO	1.56	0.36	0.04	T		T	0.19	0.03	0.10	T	T	T	0.01									0.06	0.35				0.13	0.03	0.26				
BURKES GARDEN	M 1.81	0.18			0.06		0.30	0.10	0.15	0.06		0.03	0.03									0.06	-	0.55			0.23	0.06					
CHRISTIANSBURG	1.42	0.53			0.02		0.18	0.02	0.03	T		0.03	0.01									0.09	0.33				0.01	0.06	0.11				
CLINTWOOD 1 W	2.11	0.51			0.02		0.18	0.02	0.10			0.22	T									0.20	0.30	0.02			0.12	0.42					
COPPER HILL	1.74	0.55	0.15		0.03		0.14	0.06	0.05			0.03											0.35					0.12	0.23	0.03			
GALAX RADIO WBRF	2.96	0.85	0.04	0.01			0.14	0.01	0.03			0.02										0.60	0.07				0.14	1.02	0.02	0.01			
GALAX WTP	2.48	0.75	0.02				0.16	0.03				T	T									0.07	0.48					0.97					
GRUNDY	2.27	0.18	0.22		T		0.13	0.01	0.15	T	0.01	0.22										0.12	0.48	0.03			0.15	0.56	0.01				
JOHN FLANNAGAN LAKE	MA 2.87	0.20	*	* 0.38 _a	-		0.16	0.03	*	*	0.25 _a	0.20	0.01									0.30	*	*	0.60 _a	0.26	0.47	0.01	-				
LAFAYETTE 1 NE	1.88	0.30	0.04	T			0.16	0.12	0.07		0.01	T	T									0.04	0.54				0.19	0.05	0.36				
LEBANON	2.15	0.45			0.04		0.28	0.03	0.14													0.06	0.73	0.01			0.41						
NORA 4 SSE	M 1.97	0.37			T		0.36	0.08	0.08	T	T	0.12	T									0.22	0.47	0.03			0.24	-	-	-	-		
N FK LAKE	MA 1.97	*	*	* 0.67 _a	*	0.00 _a	*	*	*	*	0.19 _a	0.15	0.09	-	*	*	*	0.00 _a	*	0.00 _a	*	*	*	*	0.87 _a	-	-	-	-				
PULASKI 2 E	1.33	0.14	0.03				0.23	0.05	0.06	T		0.01										0.05	0.59				0.07	0.10					
RADFORD 3 N	1.31	0.15			0.03		0.21	0.01	0.04			0.04										0.07	0.50				0.02	0.03	0.11	0.10			
RICHLANDS	2.63	0.31	0.03		0.02		0.17	0.12	0.12	0.02	0.02	0.22										0.28	0.30	0.02			0.13	0.87					
SALTVILLE 1N	3.38	0.57	0.03		T		0.25	0.01	0.50			0.22	0.01									0.38	0.44	T			0.65	0.32					
STAFFORDSVILLE 3 ENE	1.30	0.08	T		0.01		0.21	0.05	0.10		0.01	T										0.02	0.45	0.02	T		0.05	0.02	0.28				
WILLIS	1.97	0.56	0.37				0.16	0.09		T	0.01	T										0.03	0.48					0.27					
WISE 3E	2.80	0.65		T	T		0.32	0.03	0.09			0.05										0.57	0.42				0.08	0.53		0.06			
WYTHEVILLE	1.87	0.24	0.04		T		0.24	T	0.27	0.04	T	T	0.04									0.03	0.71				0.12	0.14					

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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	
FREE UNION	08	MAX MIN	69 55	82 55	67 33	60 34	80 31	48 22	57 22	62 38	56 33	49 23	56 23	74 47	72 31	61 29	65 29	67 30	73 32	76 35	88 40	86 45	73 46	79 53	69 55	74 39	75 39	86 40	87 55	71 54	58 48	54 49	69.1	
LYNCHBURG INTL AP	24	MAX MIN	76 58	64 42	60 34	77 41	56 29	57 25	62 44	55 36	46 30	55 22	71 46	72 48	61 39	63 33	64 33	69 34	75 36	85 41	85 49	71 52	76 48	74 47	72 44	84 47	85 56	79 57	62 54	69 53	55 52	68.2		
MARTINSVILLE FLTR PLT	07	MAX MIN	71 56	74 53	68 37	64 34	78 34	53 24	59 24	65 38	57 36	47 22	59 23	72 48	72 39	63 33	66 33	66 34	70 36	76 33	87 42	87 42	74 55	78 49	66 38	76 39	75 44	84 55	87 56	85 57	83 56	83 56	71.5	
MEADOWS OF DAN 5 SW	07	MAX MIN	65 55	69 49	62 33	62 33	76 33	51 29	54 28	61 33	55 32	41 27	54 27	65 44	69 38	69 37	66 37	64 36	69 35	75 39	86 44	88 49	74 51	58 53	64 51	71 44	74 44	81 44	84 44	83 44	80 57	82 55	68.4	
MONTEBELLO FISH CULTURAL STN	07	MAX MIN	61 27	74 47	58 24		72 26		49 21	54 31		48 19	50 34	67 40		66 25																82 34	60 49	M M
MONTECELLO	08	MAX MIN																																M M
ROCKY MT	07	MAX MIN	69 56	76 54	64 35	63 34	78 36	53 26	58 26	64 26	56 33	43 24	60 24	71 43	71 38	62 32	65 32	67 34	69 34	76 33	88 50	88 48	73 54	77 50	67 39	73 40	77 40	86 50	85 60	85 59	80 56	81 56	70.8	
SOUTH BOSTON	07	MAX MIN	74 54	76 62	70 40	62 38	77 38	51 27	60 27	67 40	61 38	52 26	58 32	73 49	72 41	63 35	65 36	65 35	70 35	74 37	86 39	88 47	73 52	79 53	69 55	73 44	77 44	83 47	85 59	84 58	74 56	72 56	71.1	
STUART	07	MAX MIN	69 57	73 53	67 37	66 37	79 37	55 27	58 26	64 41	61 33	46 25	59 33	70 47	71 44	71 34	66 35	65 33	70 34	76 37	87 37	88 52	75 49	78 55	70 52	74 43	77 44	83 50	87 55	85 57	81 57	86 56	71.9	
TYE RIVER 1 SE	07	MAX MIN																																M M
NORTHERN 04 EDINBURG	07	MAX MIN																																M M
FRONT ROYAL	07	MAX MIN	71 54	82 50	63 30	59 30	72 30	48 28	56 29	60 40	53 39	44 27	55 26	76 45	65 33	59 33	64 36	64 40	72 39	76 42	88 51	81 47	70 43	74 51	71 57	67 42	71 40	80 48			63 46	56 46	66.4	
LINCOLN	07	MAX MIN	70 55	82 46	73 33	57 30	72 28	57 21	56 21	62 39	53 31	45 24	52 28	72 46	68 30	55 28	63 32	65 33	69 35	73 38	81 44	80 37	69 42	74 54	72 57	68 35	67 35	80 46	83 52	74 52	55 44	53 45	66.7	
LURAY 5 E	08	MAX MIN	69 58	79 46	62 31	57 35	73 27	44 23	55 33	58 36	51 30	42 20	56 28	75 56	62 29	64 32	64 32	65 34	71 39	77 39	85 35	75 45	85 47	78 51	78 51	68 37	72 37	83 46	83 58	78 52	67 46	60 47	66.7	
MADISON	08	MAX MIN																																M M
MANASSAS	07	MAX MIN	74 56	84 48	66 35	56 30	75 30	45 25	57 30	63 40	53 36	46 26	53 31	75 49	63 37			65 40	73 45	76 45	85 45	85 48	73 50	77 47		71 45	70 47		86 61		61 46	55 47	67.5	
MT WEATHER	07	MAX MIN	65 49	78 45	59 28	55 28	67 24	41 24	53 31	55 34	46 34	41 22	49 22	69 39	57 34	54 37	59 38	61 40	68 41	70 45	81 57	77 45	69 46	65 48	65 55	64 41	77 41	69 54	65 55	77 49	55 41	49 41	48 41	61.4
PIEDMONT RSCH STN	08	MAX MIN	72 53	80 48	65 35	59 37	76 30	46 25	57 32	63 37	45 38	46 23	54 31	73 46	69 39	58 34	63 36	64 37	70 36	73 47	85 52	84 49	70 46	77 51	68 56	72 44	70 48	84 53	83 61	64 53	56 47	54 47	66.7	
SOMERSET	07	MAX MIN	71 57	81 48	65 35	59 39	76 31	46 22	56 25	63 39	55 22	47 29	54 29	72 49	69 30	64 32	70 35	74 41	71 40	73 44	87 45	85 50	70 48	77 55	69 56	73 39	71 41	84 52	84 60	63 54	57 48	53 48	68.0	
SPERRYVILLE	06	MAX MIN		81 50	62 30		75 28	46 25	54 30		51 38	46 27	52 33	71 42	65 33	59 32	63 33	64 36	71 38	81 52	87 42	81 42	70 46	75 56	68 46		70 40	80 41	81 56	65 53	54 46	53 46	66.1	
STERLING (RCS)	07	MAX	72	84	64	52	72	44	56	62	51	44	52	74	61	57	63	65	71	74	84	83	71	76	72	69	68	81	84		53	54	66.0	

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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			
			VIENNA	07	MIN MAX MIN	56 71 54	47 81 49	33 62 34	34 52 34	28 71 27	23 43 27	24 60 30	40 51 37	34 44 32	26 44 25	27 50 25	45 73 42	36 60 35	32 58 32	34 62 37	37 71 38	39 82 40	40 82 46	44 70 41	46 74 41	51 69 47	58 67 58	43 67 41	45 78 49	47 84 55	58 55 51	52 51 45	44 51 45		45 53 45	40.5 64.0 39.7
WARRENTON 3 SE	08	MAX MIN																																		M M
WASHG TN DULLES INTL AP	24	MAX MIN	82 64	65 42	53 34	72 38	45 27	57 24	62 44	51 34	46 32	53 25	74 45	67 46	59 34	64 31	64 34	71 38	74 42	83 47	82 40	71 48	75 62	71 53	70 44	69 62	80 47	84 62	69 53	54 47	55 46	56 51	56 51	65.9 42.3		
WASHINGTON REAGAN NATL AP	24	MAX MIN	83 64	66 45	54 37	74 39	46 30	57 32	65 48	54 43	50 34	52 31	73 47	68 48	59 43	64 40	64 42	72 45	74 47	85 51	84 56	71 50	76 49	76 64	67 55	78 46	86 51	71 65	67 53	78 48	86 51	75 48	56 48	58 51	67.0 46.7	
WINCHESTER	07	MAX MIN	70 55	82 48	62 31	51 31	69 27	48 26	55 26	57 38	49 36	43 25	53 26	74 44	61 34	60 33	66 35	69 37	74 40	79 43	88 49	81 44	72 47	75 52	70 56	67 44	69 44	81 46	80 54	56 51	52 45	53 45	65.5 40.4			
WINCHESTER 7 SE	08	MAX MIN	81 48	61 31	54 31	70 27	47 19	55 19	58 38	50 30	43 21	54 20	74 44	62 27	58 27	63 28	65 29	77 30	75 30	87 41	81 36	71 36	75 46	70 52	69 35	70 36	82 40		57 51	53 44	54 44	56 49	64.6 34.8			
WOODSTOCK 2 NE	07	MAX MIN	68 50	80 43	60 28	54 32	71 26	46 23	56 25	57 36	49 31	48 20	54 32	73 47	60 29	59 29	64 30	67 34	71 34	77 36	85 41	78 41	72 41	75 51	68 54	67 38	72 38	83 44	78 54	64 52	54 45	56 45	65.5 37.6			
CENTRAL MOUNTAIN 05																																				
COVINGTON FLTR PLT	07	MAX MIN	67 58	76 53	76 32	59 31	76 32	51 26	60 26	59 37	52 32	40 24	59 24	78 44	64 31	65 31	68 33	69 36	74 36	81 36	88 40	84 43	76 47	82 47	65 50	72 38	79 38	85 43	87 50	79 57	87 58	79 58	82 56	82 56	71.2 39.6	
DALE ENTERPRISE	07	MAX MIN	64 42	76 55	61 29	50 30	72 26	43 25	54 25	53 28	51 31	52 32	53 44	71 46	64 33	62 28	63 34	64 32	67 33	74 38	82 42	80 43	75 49	67 52	67 38	70 44	82 44	75 56	72 52	55 46	51 47	64.7 38.8				
GATHRIGHT DAM	07	MAX MIN	64 55	71 48	55 29	55 29	71 28	55 24	54 25	47 34	55 27	47 21	54 22	74 40	60 32	62 33	65 34	65 36	71 36	79 44	84 47	80 50	73 48	64 39	73 50	66 48	76 39	80 46	81 53	75 56	80 56	76 54	67.5 39.1			
HOT SPRINGS	07	MAX MIN	63 53	72 48	56 27	53 27	70 27	44 25	53 27	52 33	47 29	35 20	53 20	72 39	58 33	61 32	64 32	64 33	69 38	77 43	83 46	80 49	73 49	77 46	63 46	64 37	75 44	79 55	81 55	81 56	80 56	77 55	65.9 38.3			
LEXINGTON	07	MAX MIN	66 56	77 55	61 33	59 33	76 34	50 24	57 24	60 40	53 35	45 24	56 24	73 44	69 39	62 31	65 31	66 33	71 33	79 36	87 40	87 44	72 46	77 50	68 51	75 39	74 39	84 44	86 56	80 58	75 56	78 55	69.6 40.2			
MILLGAP	07	MAX MIN	63 43	72 45	53 25	51 25	66 24	41 14	52 15	49 30	42 26	32 12	52 11	71 35	54 21	60 20	63 22	63 23	69 26	74 27	80 30	75 34	70 35	74 40	60 45	61 28	74 28	78 32	77 41	71 52	75 49	75 45	63.2 30.1			
MUSTOE 1 SW	24	MAX MIN																																		M M
ROANOKE 8 N	07	MAX MIN	68 45	79 56	61 34	62 34	76 35	53 30	57 30	61 40	54 36	42 27	58 26	69 47	69 38	62 36	66 36	64 37	70 36	78 40	88 45	86 50	72 51	79 55	67 50	73 43	73 43	83 48	84 58	79 59	78 56	83 55	69.8 42.5			
ROANOKE INTL AP	24	MAX MIN	80 59	65 42	63 34	77 50	52 34	58 29	63 43	54 39	44 31	58 25	73 47	69 51	61 40	64 40	65 39	69 36	78 38	88 46	87 52	72 55	68 54	79 56	74 51	75 42	85 49	86 62	82 60	77 58	73 57	59 54	70.3 45.8			
STAUNTON WATER TRMTMT PLT	08	MAX MIN	64 54	76 49	60 29	60 29	74 27	45 26	52 31	56 35	51 32	42 22	53 25	69 45	65 32	58 34	61 36	62 35	69 42	74 45	83 52	80 47	68 47	75 54	64 51	71 41	82 47	79 57	76 51	65 55	65 49	65 50	65.7 41.0			
WAYNESBORO WTP	07	MAX MIN	67 31	77 50	62 32	62 32	75 31	44 28	55 31	59 37	52 34	43 21	54 22	72 46	64 30	60 30	62 33	64 34	69 34	76 38	84 41	80 45	80 45	76 52	68 52	69 38	74 38	83 45	84 54	74 55	65 51	65 52	67.3 38.7			
SOUTHWESTERN MOUNTAIN 06																																				
ABINGDON 3S	22	MAX MIN	69 54	70 49	55 31	55 31	69 31	51 29	63 29	58 38	47 32	42 23	69 24	73 44	59 32	69 33	72 40	69 40	72 40	77 39	81 39	81 43	82 49	78 51	63 50	63 39	76 38	77 45	77 55	77 59	77 51	77 51	68.3 40.3			

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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																															
EASTVILLE	SNOWFALL																															
EMPORIA 1 WNW	SNOWFALL																															
FREDERICKSBURG SEWAGE	SNOWFALL																															
HOLLAND 1 E	SNOWFALL																															
HOPEWELL	SNOWFALL	-	-	-																												
	SN ON GND	-	-	-																												
NORFOLK INTL AP	SNOWFALL					T				T																						
	SN ON GND					T				T																						
NORFOLK SOUTH	SNOWFALL	-	-	-	-	T	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	T	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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					T				T																						
	SN ON GND					T				T																						
WALKERTON 2 NW	SNOWFALL																															
	SN ON GND																															
WALLACETON LK DRUMMOND	SNOWFALL																															
WALLOPS ISLAND NASA TEST FACIL	SNOWFALL					0.6				T																						
	SN ON GND					1				T																						
WARSAW 2 NW	SNOWFALL																															
WEST POINT 2 NW	SNOWFALL					T				T																						
	SN ON GND					T				T																						
WILLIAMSBURG 2 N	SNOWFALL																															
EASTERN PIEDMONT 02																																
PALMYRA 3S	SNOWFALL	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PETERSBURG	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHMOND INTL AP	SNOWFALL																															
	SN ON GND																															
SANDSTON	SNOWFALL																															
WINTERPOCK 4 W	SNOWFALL																															
WESTERN PIEDMONT 03																																
APPOMATTOX	SNOWFALL										T																					
	SN ON GND										T																					

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

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

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

VIRGINIA
201604

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
BEDFORD 4 NW	SNOWFALL																															
	SN ON GND																															
BROOKNEAL	SNOWFALL																															
	SN ON GND																															
CHARLOTTESVILLE 2W	SNOWFALL																															
	SN ON GND																															
CHATHAM	SNOWFALL																															
	SN ON GND																															
CONCORD 4 SSW	SNOWFALL																															
	SN ON GND																															
DANVILLE RGNL AP	SNOWFALL																															
	SN ON GND																															
FREE UNION	SNOWFALL																															
HOLCOMB ROCK	SNOWFALL																															
	SN ON GND																															
	WTR EQUIV	-	-	-	-	-	-	-	-																							
HUDDLESTON 4 SW	SNOWFALL																															
	SN ON GND																															
LYNCHBURG INTL AP	SNOWFALL																															
	SN ON GND																															
MARTINSVILLE FLTR PLT	SNOWFALL																															
	SN ON GND																															
MEADOWS OF DAN 5 SW	SNOWFALL																															
	SN ON GND																															
MONTEBELLO FISH CULTURAL STN	SNOWFALL																															
MONTECELLO	SNOWFALL																															
PEDLAR DAM	SNOWFALL																															
	SN ON GND																															
ROCKY MT	SNOWFALL																															
	SN ON GND																															
SOUTH BOSTON	SNOWFALL																															
	SN ON GND																															
STUART	SNOWFALL																															
	SN ON GND																															
TYE RIVER 1 SE	SNOWFALL																															
WOOLWINE	SNOWFALL																															
	SN ON GND																															
NORTHERN 04																																
LURAY 5 E	SNOWFALL																															
	SN ON GND																															
	WTR EQUIV	-	-	-	-																											
MADISON	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).

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VIRGINIA
201604

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			
MANASSAS	SNOWFALL																																		
MT WEATHER	SNOWFALL																																		
	SN ON GND																																		
PIEDMONT RSCH STN	SNOWFALL	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET	SNOWFALL	-	-	-	-	T	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SPERRYVILLE	SNOWFALL			T		T	T				0.5																								
	SN ON GND			T		T					0.5																								
STERLING (RCS)	SNOWFALL			T		T					T																								
	SN ON GND			T		T					T																								
	WTR EQUIV	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIENNA	SNOWFALL																																		
WARRENTON 3 SE	SNOWFALL																																		
WASHGTN DULLES INTL AP	SNOWFALL			T		T				T																									
	SN ON GND			T		T				T																									
WASHINGTON REAGAN NATL AP	SNOWFALL			T		T				T																									
	SN ON GND			T		T				T																									
WINCHESTER	SNOWFALL																																		
	SN ON GND																																		
WINCHESTER 7 SE	SNOWFALL																																		
	SN ON GND																																		
	WTR EQUIV									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOODSTOCK 2 NE	SNOWFALL	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTRAL MOUNTAIN 05																																			
COVINGTON FLTR PLT	SNOWFALL										1.0																								
	SN ON GND										T																								
DALE ENTERPRISE	SNOWFALL																																		
	SN ON GND																																		
	WTR EQUIV																																		
GATHRIGHT DAM	SNOWFALL										T																								
	SN ON GND										T																								
GLASGOW 1 SE	SNOWFALL										T	T																							
	SN ON GND										T	T																							
HOT SPRINGS	SNOWFALL					T					T																								
	SN ON GND					T					T																								
LEXINGTON	SNOWFALL										T	T																							
	SN ON GND										T	T																							
MILLGAP	SNOWFALL	-	-	0.4	-	0.2	-	-	0.5	0.8	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	T	-	T	-	-	1	1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MTN GROVE	SNOWFALL					T					T																								
	SN ON GND					T					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
201604

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			
MUSTOE 1 SW	SNOWFALL																																		
NEW CASTLE	SNOWFALL																																		
	SN ON GND																																		
ROANOKE 8 N	SNOWFALL																																		
	SN ON GND																																		
ROANOKE INTL AP	SNOWFALL			T						T																									
	SN ON GND																																		
STAUNTON WATER TRMTMT PLT	SNOWFALL																																		
	SN ON GND																																		
WAYNESBORO WTP	SNOWFALL																																		
	SN ON GND																																		
	WTR EQUIV	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTHWESTERN MOUNTAIN 06																																			
BLACKSBURG NWSO	SNOWFALL					T				T	0.6	T																							
	SN ON GND											T																							
BURKES GARDEN	SNOWFALL									T	2.0																								
	SN ON GND									T	2	1																							
CHRISTIANSBURG	SNOWFALL									T	T																								
	SN ON GND									T	T																								
CLINTWOOD 1 W	SNOWFALL										0.1																								
	SN ON GND																																		
COPPER HILL	SNOWFALL										0.5																								
	SN ON GND										1																								
GALAX RADIO WBRF	SNOWFALL										0.3																								
	SN ON GND										T																								
GALAX WTP	SNOWFALL																																		
	SN ON GND																																		
GRUNDY	SNOWFALL									T	0.5																								
	SN ON GND									T																									
JOHN FLANNAGAN LAKE	SNOWFALL																																		
	SN ON GND																																		
LAFAYETTE 1 NE	SNOWFALL										T																								
	SN ON GND										T																								
LEBANON	SNOWFALL																																		
	SN ON GND																																		
NORA 4 SSE	SNOWFALL									T	0.3	T																							
	SN ON GND										T																								
N FK LAKE	SNOWFALL	-	-	-		-		-	-	-	-																								
	SN ON GND	-	-	-		-		-	-	-	-																								
PULASKI 2 E	SNOWFALL										0.8	T																							
	SN ON GND										T																								

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

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

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VIRGINIA
201604

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
RADFORD 3 N	SNOWFALL									T																					
	SN ON GND									T																					
RICHLANDS	SNOWFALL									T																					
	SN ON GND									T																					
SALTVILLE 1N	SNOWFALL									T																					
	SN ON GND									T																					
STAFFORDSVILLE 3 ENE	SNOWFALL									T																					
	SN ON GND									T																					
WILLIS	SNOWFALL									0.9																					
	SN ON GND									1																					
WISE 3E	SNOWFALL								T	0.5																					
	SN ON GND								T	0.5																					
WYTHEVILLE	SNOWFALL									1.7	T																				
	SN ON GND									2																					

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
201604

PAN EVAPORATION AND WIND

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

Evaporation: Is measured in hundredths of inches.

Wind: Is measured in miles.

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

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES			
							LOCAL STD TIME			
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)
VIRGINIA										
ABINGDON 3S	0021	06	WASHINGTON	36 40	81 58W	1925	22	22		H
ALBERTA 5N	0079	02	BRUNSWICK	36 56	77 54W	376		08		H
ALTAVISTA	0166	03	CAMPBELL	37 7	79 17W	529		07		CH
AMELIA COURTHOUSE 1	0187	02	AMELIA	37 21	77 59W	345	08	08		H
APPOMATTOX	0243	03	APPOMATTOX	37 20	78 50W	850	07	07		H
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	18	18		H
BEDFORD 4 NW	0561	03	BEDFORD	37 23	79 34W	1228		07		CH
BIG STONE GAP	0735	06	WISE	36 52	82 46W	1464	08	08		H
BLACKSBURG NWSO	0766	06	MONTGOMERY	37 12	80 25W	2103	07	07		H
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225		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 6	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 9W	2690	07	07		H
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	09	09		H
COVINGTON FLTR PLT	2044	05	ALLEGHANY	37 49	79 59W	1230	07	07		H
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	07	07		H
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1358	07	07		H
DANVILLE RGNL AP	2250	03	PITTSYLVANIA	36 34	79 20W	571	24	24		H
DISPUTANTA	2400	01	PRINCE GEORGE	37 7	77 12W	15	07	07		H
EASTVILLE	2635	01	NORTHAMPTON	37 23	75 58W	10	07	07		H
EDINBURG	2663	04	SHENANDOAH	38 48	78 35W	928	07	07		H
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 42	77 34W	100	08	08		H
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	07	07		H
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBURG	38 17	77 27W	15	07	07		H
FREE UNION	3213	03	ALBEMARLE	38 5	78 35W	590	08	07		H
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	07	07		H
GALAX RADIO WBRF	3267	06	CARROLL	36 40	80 55W	2385	17	17		H
GALAX WTP	3272	06	CARROLL	36 39	80 55W	2360	07	07		CH
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	07	07		CH
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	737		07		H
GREENBAY 3 NE	3565	02	PRINCE EDWARD	37 11	78 17W	500	09	09		H
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	07	07		H
HOLCOMB ROCK	4039	03	BEDFORD	37 33	79 24W	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	2236	07	07		H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	898		07		H
JOHN FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1460	07	07		H
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 18W	250	08	08	08	CH
KEYSVILLE 2 S	4568	02	CHARLOTTE	37 1	78 29W	625	07	07		H
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 12W	1320		07		H
LEBANON	4777	06	RUSSELL	36 54	82 2W	1912	07	07		H
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1097	07	07		H
LINCOLN	4909	04	LOUDOUN	39 5	77 42W	500	07	07		H
LOUISA	5050	02	LOUISA	38 3	78 0W	420	18	18		H
LURAY 5 E	5096	04	PAGE	38 40	78 22W	1400	08	08		H
LYNCHBURG INTL AP R	5120	03	CAMPBELL	37 19	79 12W	940	24	24		HJ
MADISON	5150	04	MADISON	38 22	78 15W	577	08	08		H
MANASSAS	5204	04	MANASSAS	38 44	77 30W	245	07	07		H
MARTINSVILLE FLTR PLT	5300	03	HENRY	36 42	79 52W	760	07	07		H
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	2225	07	07		H
MILLGAP	5595	05	HIGHLAND	38 18	79 43W	2421	07	07		CH
MONTEBELLO FISH CULTURAL STN	5690	03	NELSON	37 51	79 8W	2667	07	07		H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	758	08	08		H
MT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1659	07	07		H

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)
MTN GROVE	5756	05	BATH	38 6	79 53W	1775		07		H
MUSTOE 1 SW	5880	05	HIGHLAND	38 20	79 40W	2380	24	24		H
N FK LAKE	6173	06	WISE	37 7	82 38W	1675	08	08		H
NEW CASTLE	6012	05	CRAIG	37 18	80 3W	1258		07		H
NORA 4 SSE	6125	06	DICKENSON	37 1	82 19W	2650	07	07		H
NORFOLK INTL AP R	6139	01	NORFOLK (CITY)	36 54	76 12W	30	24	24		HJ
NORFOLK SOUTH	6147	01	NORFOLK (CITY)	36 52	76 14W	100	24	24		H
NORTH	6161	01	MATHEWS	37 26	76 26W	10	07	07		H
PAINTER 2W	6475	01	ACCOMACK	37 35	75 49W	30	16	16		CH
PALMYRA 3S	6491	02	FLUVANNA	37 49	78 16W	410	06	06		H
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1024		07		H
PETERSBURG	6656	02	PETERSBURG	37 14	77 24W	15	08	08		H
PIEDMONT RSCH STN	6712	04	ORANGE	38 14	78 7W	520	08	08		CH
PULASKI 2 E	6955	06	PULASKI	37 3	80 47W	1850	07	07		CH
RADFORD 3 N	6999	06	PULASKI	37 12	80 35W	1800	07	07		H
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	07	07		H
RICHMOND INTL AP R	7201	02	HENRICO	37 30	77 19W	164	24	24		HJ
ROANOKE 8 N	7278	05	ROANOKE	37 22	79 58W	1190	07	07		H
ROANOKE INTL AP R	7285	05	ROANOKE	37 19	79 58W	1175	24	24		HJ
ROCKY MT	7338	03	FRANKLIN	36 59	79 54W	1315	07	07		CH
SALTVILLE 1N	7506	06	SMYTH	36 53	81 46W	1733	07	07		H
SANDSTON	7541	02	HENRICO	37 33	77 17W	165	07	07		H
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	07	07		H
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53W	329	07	07		H
SPERRYVILLE	7985	04	RAPPAHANNOCK	38 39	78 14W	750	06	06		H
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43W	1950	07	07		CH
STAUNTON WATER TRMTMT PLT	8062	05	AUGUSTA	38 10	79 5W	169	08	08		H
STERLING (RCS)	8084	04	LOUDOUN	38 59	77 29W	288	07	07		H
STONY CREEK 2 N	8129	01	SUSSEX	36 58	77 24W	105	08	08		H
STUART	8170	03	PATRICK	36 38	80 15W	1375	07	07		H
SUFFOLK LAKE KILBY	8192	01	SUFFOLK	36 44	76 36W	22	24	24		H
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56W	720	07	07		H
VIENNA	8737	04	FAIRFAX	38 54	77 16W	418	07	07		H
WAKEFIELD 1NW	8800	01	SUSSEX	36 59	77 0W	113	24	24		CH
WALKERTON 2 NW	8829	01	KING AND QUEEN	37 45	77 2W	50	18	18		H
WALLACETON LK DRUMMOND	8837	01	CHESAPEAKE	36 36	76 26W	20	08	08		H
WALLOPS ISLAND NASA TEST FACIL R	8849	01	ACCOMACK	37 56	75 28W	46	24	24		HJ
WARRENTON 3 SE	8888	04	FAUQUIER	38 41	77 46W	500	08	08		H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 47W	140	18	18		H
WASHGTN DULLES INTL AP R	8903	04	LOUDOUN	38 56	77 28W	290	24	24		HJ
WASHINGTON REAGAN NATL AP R	8906	04	ARLINGTON	38 51	77 2W	10	24	24		HJ
WAYNESBORO WTP	8941	05	WAYNESBORO	38 5	78 53W	1270	07	07		H
WEST POINT 2 NW	9025	01	KING WILLIAM	37 34	76 48W	20	17	17		H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	24	24		CH
WILLIS	9169	06	FLOYD	36 55	80 30W	2810		07		CH
WINCHESTER	9181	04	FREDERICK	39 11	78 9W	720	07	07		H
WINCHESTER 7 SE	9186	04	FREDERICK	39 11	78 7W	680	08	08		H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 19	77 39W	300		07		H
WISE 3E	9215	06	WISE	36 60	82 32W	2549	17	17		CH
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28W	675	07	07		H
WOOLWINE	9272	03	PATRICK	36 47	80 17W	1500		07		CH
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.

For Information Call:

(828) 271-4800 Option 2

(828) 271-4010 (TDD)

(828) 271-4876 (Fax)

NOAA National Centers for Environmental Information
Attn: Customer Engagement Branch
151 Patton Avenue
Asheville, NC 28801-5001

Customer Services Number: (828) 271-4800, option 2
TDD : (828) 271-4010
Fax number: (828) 271-4876

NCEI now offers free online access to the *Climatological Data* publication.
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