DECEMBER 2001: The unseasonably warm and dry conditions which prevailed during October and November continued throughout most of the final month of 2001. In fact, it was the third warmest (tied w/ 1982 & 1971) December on record at DCA, fourth warmest at IAD and sixth at BWI. Monthly temperatures averaged more than 6°F above normal at DCA and more than 5°F above normal at both BWI and IAD. At or above-normal temperatures were observed during the first 24 days of the month at DCA and included record daily highs on the 1° and 5°h at all three major airports. DCA finally recorded its first 32°F or lower reading of the season on the 22°¹⁴, the latest such reading ever recorded. Much coller air infiltrated the region during the last week with subnormal temperatures reported on 5 of the last 7 days. In addition, highs in the thirties were observed on 4 days and lows dipped into the twenties each night. On the 30°th, the maximum temperature of 32°F was the first 32°F or lower high at DCA since Febnuary 22°⁴⁴. Dry conditions continued across most of the Washington/Baltimore area. Monthly precipitation totals were between 1.50° and 1.75° (about 50% of normal) at the three major airports. Two storms systems accounted for about most of the monthly precipitation totals. On the 8°th, about half an inch of rain fell on most locations. DCA recorded 0.57° on the 10the 11th just under 0.50° was observed 120° was also observed 12the

Dry conditions continued across most of the Washington/Baltimore area. Monthly precipitation totals were between 1.50" and 1.75" (about 50% of normal) at the three major airports. Two storms systems accounted for about most of the monthly precipitation totals. On the 8th, about half an inch of rain fell on most locations. DCA recorded 0.57" on this day, marking the first daily precipitation total above 0.50" since August 23th. On the 10th-11th, just under 0.50" was observed at many locations. Rainfall was also observed 12th-14th, 17th-18th, and 23rd-24th but amounts from each event were generally kess than 0.25". It was the fourth consecutive drier than normal month at DCA, resulting in the driest year since 1991 (29.99" total) at the airport. No snowfall was reported at any of the major airports during the month. In fact, it was the 12th consecutive December with subnormal snowfall in Washington.

DECEMBER 2001 WEATHER STATISTICS FOR THE WASHINGTON/BALTIMORE AREA:

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Station	Temperatures (°F)				Extreme/Day		Precipitation (In)				
Location	AvMx	AvMn	AvgT	NmIT	DepNml	MaxT	MinT	Total	Norm	DepNml	
National (DCA)	53.2	37.7	45.5	39.4	+6.1	75/5*	22/31	1.53	3.12	-1.59	
Baltimore (BW1)	51.7	32.5	42.1	36.7	+5.4	75/5	15/31	1.73	3.41	-1.68	
Dulles (IAD)	51.9	30.8	41.3	35.4	+5.9	77/5	15/28#	1.56	3.22	-1.66	
Ft. Belvoir (DAA)	Μ	М	Μ	N/A	N/A	Μ	Μ	М	3.3	Μ	
Andrews AFB (ÁDW)	53.0	32.7	42.9	N/A	N/A	79/5	12/31	1.62	3.4	-1.8	

Other Occurrences:* December 6th; # December 31st.

ANNUAL 2001: Above-normal annual temperatures prevailed across most of the Washington/Baltimore area with departures between +0.5°F and +1.5°F above normal at the three major airports. The year started with slightly warmer than normal conditions across the Washington/Baltimore area although persistent cold prevailed early in the month. January temperature departures between +0.9°F and +1.4°F were observed at the three major airports. There were 18 January days with at or above-normal temperatures departures between +0.9°F and +1.4°F were observed at the three major airports. There were 18 January days with a persistent cold prevailed early in the month. January temperature departures between +0.9°F and +1.4°F were observed at the three major airports. There were 18 January days with a persistent pattern of colder than normal temperatures and using the start the three major airports. It was the 5 th consecutive warmer than normal February. Meteorological spring began with a persistent pattern of colder than normal weather across the Washington/Baltimore area, yielding the coldest March days since 1993), only 4 days when highstopped 60°F at DCA and no days with highs at or above 70°F (the first such occurrence in March since 1993). April was highlighted by above-normal temperatures across the Washington/Baltimore area. Summer commenced with near-normal temperatures in June. The final month of sucred near-normal temperatures in June. The final month of start enear-normal temperatures across the Washington/Baltimore area. Summer commenced with near-normal temperatures in June. There were 18 days with a tor below normal temperatures across the Washington/Baltimore area. Summer commenced with near-normal temperatures in June. There were 18 days with a tor below normal temperature set across the Washington/Baltimore area. Summer commenced with high at or above 90°F. A persistent pattern of cole watern for the recorded its first 90°F+ reading of the across the the major airports to reach this mark. A brief period of ho

the Washington/Baltimore area during October. In November and December, anonmal warmin enveloped the Washington area with monthly departures, yielding the warmest November ever recorded and the third warmest December on record in Washington. Subnormal annual precipitation was observed across most of the local area with perely precipitation deficits between 3 and 9 reported at the three major airports. The year began with slightly below normal January precipitation with a few higher amounts (up to 10") reported well north and west of Washington/Baltimore area. Subnormal precipitation also occurred during February across much of the local area with monthly precipitation totals under two inches recorded at both DCA and 1AD. Snowfall totals also fell short of monthly averages with only 2.8" measured at DCA and 5.7" at both BWI and IAD. It was the 13th February out of the last 14 with subnormal snowfall totals also fell short of monthly averages with only 2.8" measured at DCA and total. The there major airports. Much drier conditions prevailed across the region during April with monthly precipitation totals generally under two inches at most locations. Both BWI and DAA recorded at the three major airports. Much drier conditions prevailed across the region during April with monthly receipitation totals generally under two inches at most locations. Both BWI and DAA recorded at the three major airports. Much drier conditions prevailed arcoss the region allowing a 10-day period (18th-27th). Manylocations, including portions of Loudoun County, VA and Montgomery County, MD where monthly rainfall totals topped 5 inches. IAD recorded its vettes June since 1996. On June 15" - 16", the remnants of Tropical Storm Allison generated at the stores across most of the local area during August with monthly precipitation totals exceeding four inches across most of the local area with more than four inches of rain in Lune at manylocations, including portions of Loudoun County. VA and Montgomery 2000, Wather and Montgomery 2000, Nontgo

ANNUAL 2001 WEATHER STATISTICS FOR THE WASHINGTON/BALTIMORE AREA:

Station	Temperatures (°F)					Extreme/Month-Day			Precipitation (In)		
Location	AvMx	AvMn	AvgT	NmIT	DepNml	MaxT	MinT	Total	Norm	DepNml	Snow
National (DCA)	67.4	49.6	58.5	58.0	+0.5	97/8-8	20/1-3	29.99	38.63	-8.64	5.4
Baltimo re (BW I)	66.5	45.1	55.8	55.1	+0.7	98/8-9*	14/1-3	34.63	40.76	-6.13	6.4
Dulles (IAD)	66.7	43.9	55.3	53.8	+1.5	97/8-9	11/1-22#	36.94	40.24	-3.30	9.8
Ft. Belvoir (DAA)	М	Μ	Μ	N/A	N/A	Μ	Μ	Μ	41.7	Μ	М
Andrews AFB (ÁDW)	65.1	44.5	54.8	N/A	N/A	95/8-10	14/1-5 [@]	36.65	42.5	-5.9	5.9

Other Occurrences: * August 10th; # January 23rd; @ January 22rd.

LOOKING AHEAD TO JANUARY: No December snowfall = Subnormal Winter Snowfall?

December 2001 marked only the sixth December since records began that no snowfall (0.0") was observed in Washington. With that in mind, the question arises whether Decembers with no snowfall were followed subnormal winter (December-February) snowfall Below is a list of the Decembers with no snowfall along with the corresponding winter snowfall totals. [Normal December-February snowfall based on 1971-2000 normals is: 15.6"]

white showin totals. [1 tornar Determore 1 cortaily showin based on 1971 2000 normals is. 19.0									
	December	December Snowfall Total	Winter Snowfall Total	December	December Snowfall Total	Winter Snowfall Total			
	1888	0.0"	8.5"	1991	0.0"	6.6"			
	1889	0.0"	1.5"	1994	0.0	9.7"			
	1972	0.0"	0.1"	2001	0.0	?			