DECEMBER 1998: Much-above normal temperatures and subnormal precipitation highlighted the final month of 1998. There were 24 days with at or above normal temperatures at DCA, including the first 22 days of the month. Record warmth enveloped the area during the first week as readings soared into the seventies (more typical of September), establishing or tying all-time record monthly highs at the three major airports. DCA reported highs of 77°F on the 6th and 7°, tying the all-time record December maximum for Washington. A high of 79°F at BWI and IAD on the 6th and 7°h, respectively, established record monthly highs at both locations. In addition, the abnormal warmth produced 4 daily record highs at both DCA (4°-7°) and BWI (3°'-5°, 6° & 7°) and 5° at 1AD (3°-7°). During the 4°-7°, daily average temperatures were between 20°F and 30°F above normal at DCA. In sharp contrast, much colder conditions commenced on the 23° and continued until the end of the month. Sub-freezing highs were observed at DCA on the 23°, 24° and the 28°, the first such readings since January 1997.

For the sixth consecutive month, drier than normal conditions prevailed across the Washington). Precipitation totals at all five airports were under two inches and about 50% of normal. There were 10 days with measurable precipitation (≥ 0.01°) at DCA, but only two precipitation events (8° & 12°-13°) produced more than 0.50° of rain. A storm system on the 23° produced the first wintry precipitation of the season across the local area. Portions of Montgomery, Howard, and Carmil Counties. MD recorded up to three inches of snow. BWI observed 3.0° while IAD (0.6°) and DCA (0.4° the most since February 1997) both recorded less than an inch. In most areas the precipitation changed over to sleet and freezing rain, creating extremely icy conditions, that made travel difficult and dangerous. Farther south, freezing rain produced severe icing that downed numerous trees & power lines, knocking out power for several days for thousands of customers across centr

Station	Temperatures (°F)			Extrem	ne/Day		Precipitation (In)			
Location National (DCA) Baltimore (BWI) Dulles (IAD) Ft. Belvoir (DAA) Andrews AFB (ADW)	52.0 50.8 51.8 54.5	AvMn AvgT 36.8 44.4 31.3 41.2 30.0 40.9 35.1 44.8 32.7 42.0	NinII 39.4 36.7 35.4 N/A N/A	DepNml +5.0 +4.5 +5.5 N/A N/A	MaxT 79/7 77/6* 79/6 82/6* 79/6*	MińT 20/23 9/26 10/26 18/26 14/31	Total 1.74 1.27 1.53 1.96 1.74	Norm 3.12 3.41 3.22 3.3 3.4	<u>DepNml</u> -1.38 -2.14 -1.69 -1.3 -1.7	<u>Snow</u> 0.4 3.0 0.6 0.3 1.3

Other Occurrences: * December 7th: * December 31st

Other Occurrences: * December 7*.* December 31st

ANVIAL 1998: The year was highlighted by above terms and substrated precipitation across to the Weshingtow Baltimers area. In fact, it was the second warment year ever recorded and all Wallacam and the first of the control of

record highs at the three major adroorts.

ANNUAL 1998 WEATHER STATISTICS FOR THE WASHINGTON/BALTIMORE AREA:

Station	Temperatures (°F)					Extreme/Month-Day			Precipitation (In)		
Location National (DCA) Baltimore (BWI) Dulles (IAD) Ft. Belvoir (DAA) Andrews AFB (ADW)	AvMx 68.4 68.1 68.4 72.4 68.0	AvMn 51.5 46.8 45.7 50.2 48.8	AvoT 60.0 57.5 57.1 61.3 58.4	58.0 55.1 53.8 N/A N/A	DepNml +2.0 +2.4 +3.3 N/A N/A	MaxT 97/7-22* 99/7-22 98/7-22 104/7-22 99/7-22	MinT´ 18/1-1 9/12-26 10/1-1 16/1-1 14/12-31	Total 35.93 34.39 37.43 43.45 40.48	Norm 38.63 40.76 40.24 41.7 42.5	DepNml -2.70 -6.38 -2.81 +1.7 -2.0	Snow 0.4 5.8 1.8 0.3 1.3

Other Occurrences: August 25°; December 26°.

LOOKING AHEAD TO JANUARY: A seventh consecutive month with subnormal precipitation in Washington?

As mentioned earlier, each of the final six months of 1998 produced below-normal precipitation across the local area. With the start of the new year, the question arises whether or not 1999 will begin with subnormal precipitation. Below is a list of the total precipitation & departure from normal for each of the last six months of 1998 at DCA.

Month	Total Prec. (In.)	Departure from Normal (In.)	Month	Total Prec. (In.)	Departure from Normal (In.)	
July	1.79	-2.01	October	0.59	-2.43	
August	0.59	-3.32	November	1.91	-2.21	
September	1.83	-1.48	December	1.74	-1.38	