

JUNE 1992: Below normal temperatures continued for the fourth consecutive month in the Washington/Baltimore area due to frequent outbreaks of cool, Canadian air. The end result was 24 of 30 days with at or below normal average daily temperatures at DCA, including 14 consecutive days from the 16th through the 29th. In addition, record lows were registered at all three airports (DCA, BWI, and IAD) on the 22nd. What made this June's subnormal temperatures even more significant was the comparison to June 1991 in which 40% of the days reached 90 degrees or greater (versus only two days for June 1992). In addition, January through June 1991 was the area's warmest start to a year, including 23 days at 90 degrees or more in Washington, versus only three in 1992 with the first six months of 1992 averaging below normal.

Precipitation was below normal throughout most of the area, with four of the five airports reporting monthly deficits of one inch or more. June 1992 marked the third consecutive month with less than normal precipitation at both DCA and BWI (also the eighth June of the last nine with below normal precipitation at BWI). Significant amounts (0.5" – 1.25" inches) fell on June 5th from a combination of morning rains and evening thunderstorms. Additional thunderstorms (mainly from the District of Columbia southward) brought about one-half inch on the 20th and up to 1.5 inches in southern Fairfax and Prince William counties on the 25th. Wind damage to trees occurred during brief thunderstorms in lower Montgomery county and northwest Washington on the 30th.

JUNE 1992 WEATHER STATISTICS FOR THE WASHINGTON/BALTIMORE AREA:

| Station Location | Temperatures (°F) | | | | | Extreme/Day | | Precipitation (In) | | |
|---------------------|-------------------|------|------|------|-------|-------------|-------|--------------------|------|-------|
| | AvMx | AvMn | AvgT | NmH | DepNm | MaxT | MinT | Total | Norm | DepNm |
| National (DCA) | 81.2 | 62.2 | 71.7 | 74.5 | -2.8 | 90/8* | 51/22 | 2.35 | 3.35 | -1.00 |
| Baltimore (BWI) | 81.6 | 58.6 | 70.1 | 72.2 | -2.1 | 93/30 | 46/22 | 1.89 | 3.76 | -1.87 |
| Dulles (IAD) | 80.2 | 56.9 | 68.5 | 70.7 | -2.2 | 89/8* | 44/23 | 2.88 | 4.23 | -1.35 |
| Ft. Belvoir (DAA) | 80.9 | 57.5 | 69.2 | 72 | -3 | 90/30 | 44/23 | 2.69 | 3.7 | -1.0 |
| Andrews AFB(ADW) | 79.0 | 58.1 | 68.6 | 72 | -3 | 89/30 | 47/23 | 2.92 | 3.7 | -0.8 |

Other dates of occurrence: * July 30:

LOOKING AHEAD TO JULY: Cool Summer?

With only three days reaching or exceeding 90°F temperatures through June, the question arises as to whether this cooler than normal pattern will continue through the entire summer. Below is a list of the eleven years (and 1992) with the least number of days at or above 90°F in Washington. The most in one year was 67 days in 1980. (Normal: 37 days.)

| <u>Year</u> | <u># of 90°F or greater days</u> |
|------------------------------|----------------------------------|
| 1871 | 5 |
| 1886 | 7 |
| 1905 | 7 |
| 1891 | 11 |
| 1917 | 12 |
| 1950 | 13 |
| 1903 | 14 |
| 1897, 1904, 1906, 1922, 1972 | 16 |
| 1992 | 3 (through June) |

Correction to "Looking Ahead" section in PRESTO May 1992 issue: should have read the longest cooler than normal period at DCA since December 1977 – March 1978 (4 months); not July 1976 – January 1977 (7 months).