

2002

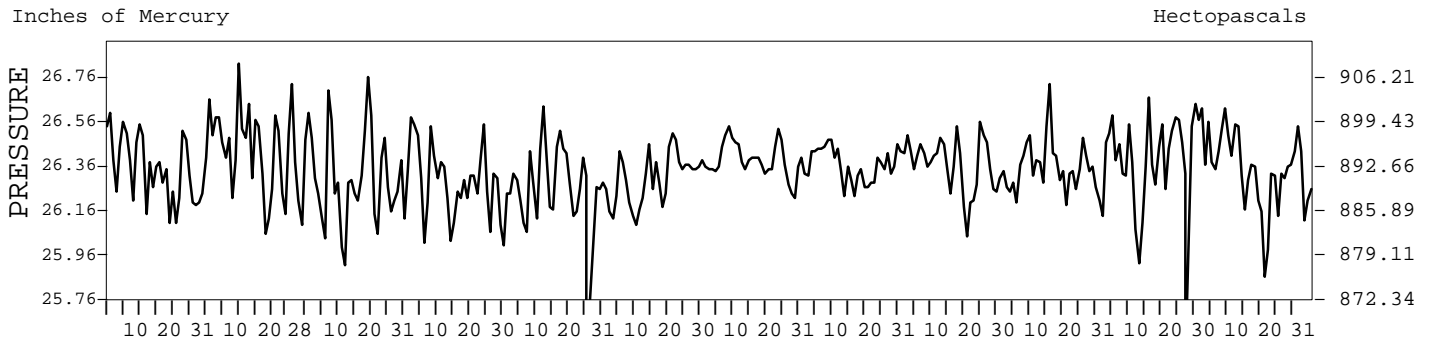
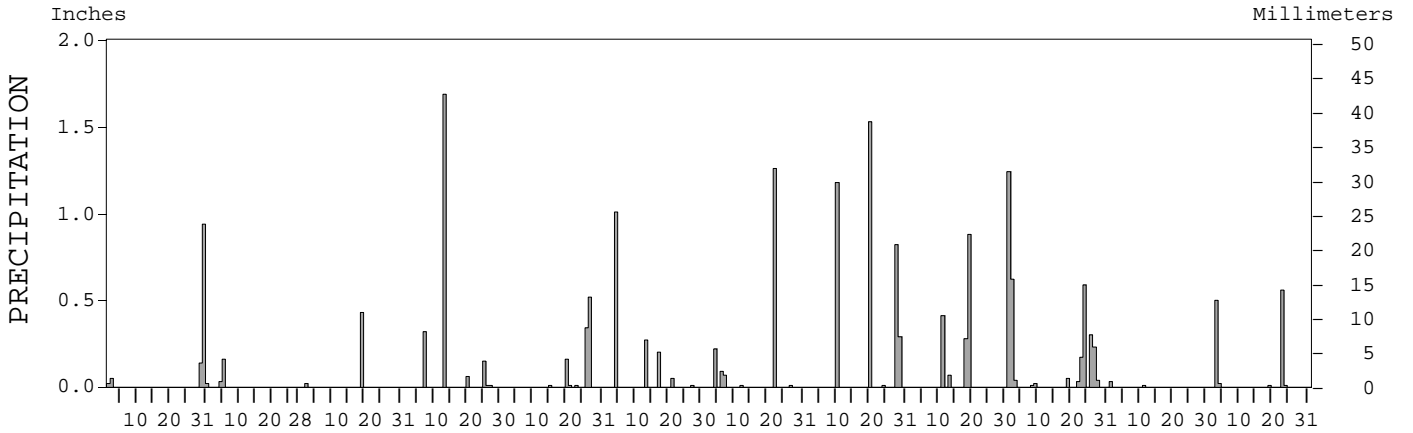
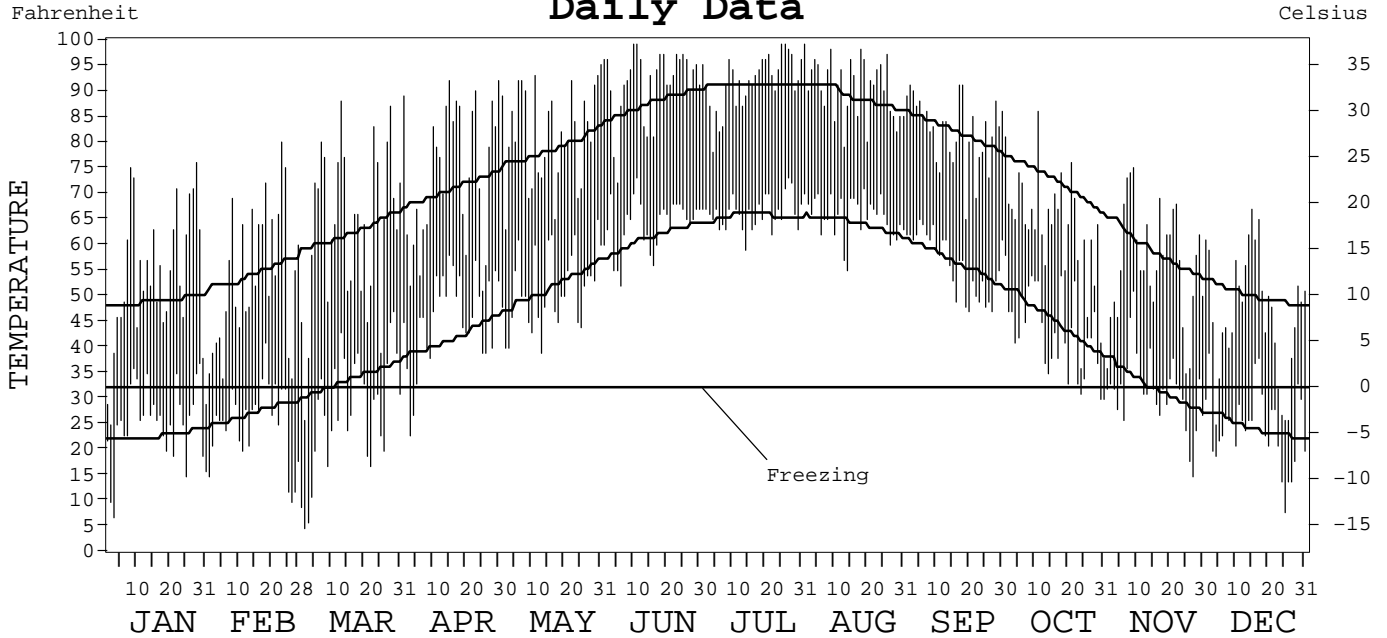
# LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-490X

AMARILLO,  
TEXAS (AMA)

## Daily Data



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*Thomas R. Karl*

NATIONAL  
OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

NATIONAL  
ENVIRONMENTAL SATELLITE, DATA,  
AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2002

## AMARILLO, TX (AMA)

LATITUDE: 35° 13' 10" N      LONGITUDE: 101° 42' 20" W      ELEVATION (FT): GRND: 3586      BARO: 3589      TIME ZONE: CENTRAL (UTC + 6)      WBAN: 23047

| ELEMENT              |                               | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV  | DEC    | YEAR   |    |
|----------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|--------|----|
| TEMPERATURE °F       | MEAN DAILY MAXIMUM            | 53.5  | 54.0  | 63.4  | 74.0  | 81.6  | 91.5  | 91.8  | 90.6  | 82.1  | 62.9  | 56.4 | 46.5   | 70.7   |    |
|                      | HIGHEST DAILY MAXIMUM         | 76    | 80    | 88    | 92    | 95    | 99    | 99    | 99    | 91    | 86    | 75   | 67     | 99     |    |
|                      | DATE OF OCCURRENCE            | 28    | 23    | 13    | 30+   | 31    | 11+   | 26+   | 01    | 18+   | 11    | 09   | 15     | AUG 01 |    |
|                      | MEAN DAILY MINIMUM            | 25.5  | 25.4  | 27.7  | 45.6  | 51.2  | 63.9  | 66.2  | 65.5  | 56.2  | 42.9  | 31.7 | 24.6   | 43.9   |    |
|                      | LOWEST DAILY MINIMUM          | 7     | 10    | 5     | 23    | 39    | 52    | 59    | 55    | 47    | 30    | 15   | 8      | 5      |    |
|                      | DATE OF OCCURRENCE            | 03    | 26    | 02    | 03    | 13    | 06    | 14    | 14    | 27+   | 31+   | 27   | 25     | MAR 02 |    |
|                      | AVERAGE DRY BULB              | 39.5  | 39.7  | 45.6  | 59.8  | 66.4  | 77.7  | 79.0  | 78.1  | 69.2  | 52.9  | 44.1 | 35.6   | 57.3   |    |
|                      | MEAN WET BULB                 | 31.2  | 31.0  | 34.8  | 49.2  |       | 64.6  | 66.3  | 66.3  | 59.0  | 47.7  | 36.7 | 30.5   |        |    |
|                      | MEAN DEW POINT                | 19.3  | 18.0  | 18.6  | 38.9  |       | 57.1  | 59.8  | 60.4  | 52.4  | 43.8  | 27.5 | 23.5   |        |    |
|                      | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | MAXIMUM ≥ 90°                 | 0     | 0     | 0     | 3     | 8     | 24    | 23    | 20    | 4     | 0     | 0    | 0      | 0      | 82 |
|                      | MAXIMUM ≤ 32°                 | 3     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 5      | 9      |    |
| MINIMUM ≤ 32°        | 24                            | 24    | 19    | 2     | 0     | 0     | 0     | 0     | 0     | 3     | 18    | 27   | 117    |        |    |
| MINIMUM ≤ 0°         | 0                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0      |        |    |
| H/C                  | HEATING DEGREE DAYS           | 782   | 702   | 597   | 205   | 79    | 1     | 0     | 0     | 21    | 377   | 623  | 906    | 4293   |    |
|                      | COOLING DEGREE DAYS           | 0     | 0     | 2     | 56    | 129   | 390   | 442   | 412   | 156   | 10    | 0    | 0      | 1597   |    |
| RH                   | MEAN (PERCENT)                | 53    | 49    | 42    | 55    | 51    | 54    | 57    | 59    | 61    | 78    | 58   | 68     | 57     |    |
|                      | HOUR 00 LST                   | 57    | 55    | 50    | 65    | 65    | 64    | 67    | 66    | 70    | 84    | 66   | 74     | 65     |    |
|                      | HOUR 06 LST                   | 67    | 63    | 55    | 74    | 72    | 78    | 80    | 81    | 78    | 88    | 73   | 77     | 74     |    |
|                      | HOUR 12 LST                   | 42    | 37    | 30    | 43    | 36    | 41    | 42    | 47    | 46    | 68    | 43   | 58     | 44     |    |
|                      | HOUR 18 LST                   | 41    | 37    | 27    | 38    | 33    | 36    | 40    | 42    | 44    | 68    | 50   | 62     | 43     |    |
| S                    | PERCENT POSSIBLE SUNSHINE     | 84    | 91    | 93    | 72    | 75    | 94    | 94    | 95    | 95    |       |      |        |        |    |
| W/O                  | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | HEAVY FOG (VISBY ≤ 1/4 MI)    | 1     | 0     | 0     | 8     | 0     | 0     | 2     | 0     | 1     | 5     | 1    | 7      | 25     |    |
|                      | THUNDERSTORMS                 | 0     | 0     | 0     | 4     | 4     | 6     | 6     | 9     | 4     | 3     | 0    | 1      | 37     |    |
| CLOUDINESS           | SUNRISE-SUNSET: (OKTAS)       |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | CEILOMETER (≤ 12,000 FT.)     |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | SATELLITE (> 12,000 FT.)      |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | MIDNIGHT-MIDNIGHT: (OKTAS)    |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | CEILOMETER (≤ 12,000 FT.)     |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | SATELLITE (> 12,000 FT.)      |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
| NUMBER OF DAYS WITH: |                               |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
| CLEAR                |                               |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
| PARTLY CLOUDY        |                               |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
| CLOUDY               |                               |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
| PR                   | MEAN STATION PRESS. (IN.)     | 26.34 | 26.43 | 26.30 | 26.29 |       | 26.30 | 26.38 | 26.36 | 26.35 | 26.35 |      | 26.32  |        |    |
|                      | MEAN SEA-LEVEL PRESS. (IN.)   | 30.05 | 30.15 | 29.98 | 29.90 |       | 29.84 | 29.93 | 29.91 | 29.93 | 30.01 |      | 30.05  |        |    |
| WINDS                | RESULTANT SPEED (MPH)         | 4.4   | 4.3   | 2.3   | 4.3   |       | 11.0  | 4.6   | 7.8   | 2.1   | 3.6   | 4.2  | 4.4    |        |    |
|                      | RES. DIR. (TENS OF DEGS.)     | 27    | 28    | 24    | 20    |       | 18    | 20    | 16    | 19    | 16    | 28   | 28     |        |    |
|                      | MEAN SPEED (MPH)              | 11.9  | 13.8  | 15.2  | 15.0  | 15.6  | 15.6  | 12.7  | 13.7  | 11.7  | 11.6  | 11.9 | 11.6   | 13.4   |    |
|                      | PREVAIL. DIR. (TENS OF DEGS.) | 23    | 01    | 02    | 20    | 17    | 17    | 18    | 20    | 20    | 18    | 23   | 23     | 20     |    |
|                      | MAXIMUM 2-MINUTE WIND:        |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | SPEED (MPH)                   | 38    | 41    | 44    | 38    | 44    | 39    | 35    | 36    | 41    | 41    | 38   | 43     | 44     |    |
|                      | DIR. (TENS OF DEGS.)          | 27    | 35    | 02    | 02    | 02    | 07    | 24    | 35    | 08    | 22    | 29   | 25     | 02     |    |
|                      | DATE OF OCCURRENCE            | 20    | 09    | 11    | 02    | 08    | 15    | 22    | 28+   | 05    | 01    | 09   | 17     | MAY 08 |    |
|                      | MAXIMUM 5-SECOND WIND:        |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | SPEED (MPH)                   | 44    | 53    | 53    | 47    | 53    | 54    | 40    | 44    | 48    | 52    | 48   | 51     | 54     |    |
| DIR. (TENS OF DEGS.) | 26                            | 34    | 03    | 03    | 02    | 24    | 24    | 35    | 08    | 22    | 29    | 27   | 24     |        |    |
| DATE OF OCCURRENCE   | 20                            | 09    | 11    | 02    | 08    | 03    | 22    | 28    | 05    | 01    | 09    | 17   | JUN 03 |        |    |
| PRECIPITATION        | WATER EQUIVALENT:             |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | TOTAL (IN.)                   | 1.17  | 0.19  | 0.45  | 2.24  | 1.05  | 1.54  | 1.66  | 3.83  | 1.64  | 3.34  | 0.04 | 1.10   | 18.25  |    |
|                      | GREATEST 24-HOUR (IN.)        | 0.94  | 0.16  | 0.43  | 1.69  | 0.62  | 1.01  | 1.26  | 1.53  | 1.16  | 1.58  | 0.03 | 0.56   | 1.69   |    |
|                      | DATE OF OCCURRENCE            | 30    | 05    | 19    | 13    | 26-27 | 04    | 22    | 20    | 18-19 | 01-02 | 01   | 23     | APR 13 |    |
|                      | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | PRECIPITATION ≥ 0.01          | 5     | 2     | 2     | 6     | 6     | 5     | 6     | 5     | 4     | 12    | 2    | 5      | 60     |    |
| PRECIPITATION ≥ 0.10 | 2                             | 1     | 1     | 3     | 3     | 3     | 2     | 4     | 3     | 6     | 0     | 2    | 30     |        |    |
| PRECIPITATION ≥ 1.00 | 0                             | 0     | 0     | 1     | 0     | 1     | 1     | 2     | 0     | 1     | 0     | 0    | 6      |        |    |
| SNOWFALL             | SNOW, ICE PELLETS, HAIL:      |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
|                      | TOTAL (IN.)                   | 3.3   | 1.1   | 0.3   | T     | T     | T     | 0.0   | 0.0   | 0.0   | T     | 0.0  | 10.6   | 15.3   |    |
|                      | GREATEST 24-HOUR (IN.)        | 2.1   | 1.1   | 0.3   | T     | T     | T     | 0.0   | 0.0   | 0.0   | T     | 0.0  | 6.1    | 6.1    |    |
|                      | DATE OF OCCURRENCE            | 30    | 05    | 02    | 13    | 27    | 13    | 0     | 0     | 0     | 01    | 0    | 23     | DEC 23 |    |
|                      | MAXIMUM SNOW DEPTH (IN.)      | 2     | 1     | T     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 6      | 6      |    |
|                      | DATE OF OCCURRENCE            | 31+   | 06+   | 02    |       |       | 13    |       |       |       |       |      | 23     | DEC 23 |    |
| NUMBER OF DAYS WITH: |                               |       |       |       |       |       |       |       |       |       |       |      |        |        |    |
| SNOWFALL ≥ 1.0       | 1                             | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2    | 4      |        |    |



PRECIPITATION (inches) 2002 AMARILLO, TX (AMA)

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1973           | 0.56 | 0.42 | 3.99 | 1.88 | 1.43 | 0.84 | 4.08 | 2.31 | 1.22 | 1.05 | 0.10 | 0.17 | 18.05  |
| 1974           | 0.33 | 0.24 | 0.60 | 0.04 | 4.06 | 3.33 | 1.31 | 7.55 | 1.65 | 3.44 | 0.12 | 0.42 | 23.09  |
| 1975           | 0.28 | 1.33 | 0.51 | 1.02 | 2.47 | 4.15 | 5.19 | 3.97 | 0.76 | 0.33 | 0.92 | 0.15 | 21.08  |
| 1976           | T    | 0.10 | 0.79 | 1.65 | 1.36 | 2.94 | 1.77 | 1.78 | 4.28 | 1.14 | 0.43 | T    | 16.24  |
| 1977           | 0.64 | 0.53 | 0.24 | 2.74 | 4.01 | 2.06 | 3.14 | 4.94 | 0.03 | 0.26 | 0.32 | 0.27 | 19.18  |
| 1978           | 0.63 | 0.80 | 0.21 | 0.55 | 5.76 | 6.50 | 1.82 | 1.61 | 2.42 | 0.97 | 0.47 | 0.27 | 22.01  |
| 1979           | 0.92 | 0.28 | 1.46 | 1.29 | 3.94 | 3.19 | 2.03 | 5.08 | 0.52 | 1.28 | 0.40 | 0.07 | 20.46  |
| 1980           | 0.85 | 0.55 | 1.38 | 0.82 | 2.88 | 1.30 | 0.65 | 1.80 | 1.55 | 0.42 | 0.84 | 0.35 | 13.39  |
| 1981           | 0.11 | 0.23 | 1.87 | 0.90 | 2.11 | 1.04 | 2.73 | 5.22 | 3.47 | 1.79 | 1.50 | 0.03 | 21.00  |
| 1982           | 0.15 | 0.39 | 0.52 | 0.43 | 1.96 | 4.75 | 6.23 | 0.55 | 1.37 | 0.71 | 0.75 | 0.79 | 18.60  |
| 1983           | 1.78 | 1.19 | 0.98 | 0.83 | 2.85 | 1.76 | 0.74 | 0.28 | 0.37 | 3.23 | 0.33 | 0.64 | 14.98  |
| 1984           | 0.56 | 0.37 | 0.98 | 1.18 | 0.04 | 6.76 | 0.83 | 2.28 | 0.95 | 3.19 | 1.09 | 1.00 | 19.23  |
| 1985           | 0.99 | 0.77 | 1.49 | 2.79 | 0.86 | 3.08 | 2.07 | 1.67 | 4.96 | 3.07 | 0.39 | 0.26 | 22.40  |
| 1986           | 0.00 | 1.02 | 0.60 | 0.30 | 3.28 | 3.70 | 3.52 | 7.04 | 1.45 | 1.94 | 1.82 | 0.66 | 25.33  |
| 1987           | 1.26 | 0.84 | 0.92 | 0.57 | 4.28 | 3.29 | 0.83 | 3.28 | 3.40 | 1.17 | 0.43 | 1.75 | 22.02  |
| 1988           | 0.33 | 0.04 | 1.19 | 2.22 | 6.02 | 3.68 | 3.30 | 3.59 | 3.15 | 0.71 | 0.29 | 0.17 | 24.69  |
| 1989           | 0.16 | 0.55 | 0.52 | 0.75 | 2.51 | 6.07 | 2.74 | 3.22 | 1.80 | 0.74 | 0.00 | 0.49 | 19.55  |
| 1990           | 1.22 | 1.61 | 2.56 | 1.10 | 0.90 | 0.14 | 3.28 | 2.79 | 2.72 | 0.46 | 0.50 | 0.23 | 17.51  |
| 1991           | 0.86 | T    | 0.41 | 0.04 | 3.08 | 2.47 | 2.20 | 1.28 | 2.04 | 0.64 | 0.66 | 2.24 | 15.92  |
| 1992           | 0.50 | 0.30 | 1.11 | 1.60 | 3.10 | 7.57 | 2.36 | 2.27 | 0.16 | 0.31 | 0.80 | 0.55 | 20.63  |
| 1993           | 0.76 | 0.36 | 1.29 | 0.35 | 1.92 | 2.76 | 3.36 | 4.64 | 1.00 | 0.53 | 0.51 | 0.95 | 18.43  |
| 1994           | 1.01 | 0.07 | 1.22 | 1.15 | 1.41 | 1.26 | 5.01 | 2.86 | 2.02 | 0.46 | 0.58 | 0.30 | 17.35  |
| 1995           | 0.32 | T    | 0.80 | 0.83 | 4.94 | 2.71 | 2.85 | 2.18 | 2.62 | 0.45 | 0.06 | 0.59 | 18.35  |
| 1996           | 0.07 | 0.26 | 0.24 | T    | 1.67 | 2.92 | 4.95 | 6.43 | 1.86 | 0.84 | 1.30 | 0.05 | 20.59  |
| 1997           | 0.64 | 0.47 | 0.01 | 6.45 | 2.16 | 2.93 | 5.51 | 1.40 | 1.35 | 0.74 | 1.17 | 2.12 | 24.95  |
| 1998           | 0.68 | 2.08 | 2.46 | 0.97 | 0.53 | 0.12 | 1.09 | 0.76 | 1.23 | 6.48 | 0.34 | 0.41 | 17.15  |
| 1999           | 2.67 | T    | 1.35 | 6.30 | 4.29 | 3.61 | 2.87 | 2.04 | 2.54 | 0.38 | 0.00 | 0.52 | 26.57  |
| 2000           | 0.24 | 0.04 | 4.14 | 0.43 | 1.14 | 5.54 | 0.16 | 0.29 | 0.03 | 3.95 | 0.96 | 1.47 | 18.39  |
| 2001           | 1.67 | 0.93 | 3.96 | 0.49 | 3.05 | 1.99 | 0.04 | 1.39 | 3.03 | 0.05 | 1.86 | 0.23 | 18.69  |
| 2002           | 1.17 | 0.19 | 0.45 | 2.24 | 1.05 | 1.54 | 1.66 | 3.83 | 1.64 | 3.34 | 0.04 | 1.10 | 18.25  |
| POR=<br>63 YRS | 0.62 | 0.57 | 1.01 | 1.30 | 2.75 | 3.30 | 2.74 | 2.94 | 1.88 | 1.64 | 0.66 | 0.69 | 20.10  |

WBAN : 23047

AVERAGE TEMPERATURE (°F) 2002 AMARILLO, TX (AMA)

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1973           | 33.4 | 39.5 | 47.1 | 50.3 | 62.9 | 75.1 | 78.1 | 78.8 | 68.7 | 62.0 | 50.8 | 38.6 | 57.1   |
| 1974           | 35.0 | 42.2 | 53.1 | 60.2 | 71.5 | 75.0 | 79.3 | 73.6 | 62.9 | 59.0 | 45.7 | 36.1 | 57.8   |
| 1975           | 37.1 | 35.3 | 45.0 | 54.9 | 64.5 | 73.3 | 75.5 | 76.7 | 65.8 | 61.1 | 45.8 | 40.4 | 56.3   |
| 1976           | 36.9 | 47.8 | 46.5 | 56.8 | 60.2 | 72.2 | 74.8 | 75.1 | 66.5 | 49.9 | 38.5 | 37.5 | 55.2   |
| 1977           | 30.1 | 43.8 | 48.7 | 57.8 | 67.3 | 78.1 | 80.7 | 77.5 | 74.3 | 60.7 | 47.4 | 39.9 | 58.9   |
| 1978           | 29.0 | 30.1 | 47.2 | 61.4 | 63.7 | 75.4 | 80.7 | 76.1 | 70.7 | 59.4 | 45.6 | 32.7 | 56.0   |
| 1979           | 24.9 | 40.0 | 46.6 | 54.5 | 62.2 | 70.9 | 77.1 | 73.6 | 69.8 | 60.1 | 40.5 | 38.8 | 54.9   |
| 1980           | 34.9 | 37.7 | 43.9 | 52.4 | 61.9 | 78.3 | 82.9 | 78.5 | 70.7 | 56.6 | 42.7 | 41.4 | 56.8   |
| 1981           | 37.9 | 42.2 | 48.8 | 63.1 | 65.6 | 78.5 | 81.3 | 74.4 | 69.0 | 56.6 | 49.1 | 40.1 | 58.9   |
| 1982           | 37.1 | 35.9 | 47.3 | 53.8 | 63.3 | 72.2 | 78.8 | 78.7 | 71.1 | 57.3 | 45.6 | 36.1 | 56.4   |
| 1983           | 33.4 | 36.2 | 45.3 | 50.9 | 60.3 | 70.4 | 80.0 | 81.0 | 73.6 | 60.5 | 47.9 | 24.7 | 55.4   |
| 1984           | 31.6 | 40.3 | 44.0 | 51.8 | 66.9 | 74.6 | 75.6 | 75.3 | 65.7 | 56.9 | 47.0 | 40.5 | 55.9   |
| 1985           | 31.5 | 37.2 | 49.5 | 60.0 | 68.1 | 75.1 | 80.1 | 79.6 | 68.9 | 56.9 | 43.5 | 34.0 | 57.0   |
| 1986           | 42.5 | 40.4 | 52.7 | 59.4 | 65.1 | 73.3 | 80.6 | 74.4 | 68.8 | 55.7 | 42.7 | 37.1 | 57.7   |
| 1987           | 34.0 | 42.0 | 44.6 | 54.8 | 64.5 | 72.1 | 77.2 | 75.3 | 67.6 | 57.9 | 45.4 | 34.6 | 55.8   |
| 1988           | 32.2 | 38.3 | 44.3 | 54.1 | 63.6 | 73.3 | 75.8 | 76.4 | 67.7 | 59.0 | 47.6 | 38.5 | 55.9   |
| 1989           | 40.7 | 32.3 | 51.2 | 59.9 | 67.3 | 69.4 | 76.2 | 76.0 | 66.3 | 60.4 | 47.9 | 31.4 | 56.6   |
| 1990           | 39.2 | 40.8 | 47.0 | 55.9 | 63.6 | 81.3 | 76.4 | 76.3 | 72.0 | 57.7 | 49.7 | 33.2 | 57.8   |
| 1991           | 32.6 | 45.9 | 49.7 | 58.2 | 68.5 | 74.7 | 76.5 | 76.2 | 67.1 | 58.5 | 41.2 | 39.0 | 57.3   |
| 1992           | 38.0 | 45.0 | 50.6 | 58.7 | 63.3 | 70.8 | 76.6 | 73.5 | 70.2 | 60.1 | 39.3 | 34.2 | 56.7   |
| 1993           | 33.1 | 36.0 | 46.1 | 54.4 | 64.5 | 74.0 | 79.1 | 74.9 | 67.9 | 54.6 | 40.9 | 38.7 | 55.4   |
| 1994           | 36.5 | 37.6 | 48.9 | 55.0 | 65.2 | 79.4 | 77.4 | 75.9 | 69.1 | 58.2 | 46.5 | 41.7 | 57.6   |
| 1995           | 39.2 | 43.9 | 47.4 | 53.9 | 61.6 | 70.8 | 77.2 | 78.2 | 67.9 | 58.2 | 48.2 | 38.4 | 57.1   |
| 1996           | 34.9 | 43.1 | 44.2 | 56.9 | 72.5 | 75.6 | 77.1 | 74.4 | 65.9 | 57.6 | 45.7 | 39.7 | 57.3   |
| 1997           | 35.3 | 38.8 | 50.3 | 48.9 | 63.2 | 71.6 | 77.9 | 75.0 | 71.9 | 58.2 | 42.8 | 33.5 | 55.6   |
| 1998           | 39.8 | 41.0 | 43.5 | 53.5 | 69.2 | 77.4 | 82.4 | 78.0 | 75.8 | 60.4 | 49.2 | 38.1 | 59.0   |
| 1999           | 40.1 | 47.3 | 46.3 | 54.8 | 62.3 | 71.8 | 77.5 | 78.0 | 66.2 | 58.1 | 52.3 | 37.6 | 57.7   |
| 2000           | 39.5 | 47.1 | 49.2 | 57.8 | 69.7 | 72.1 | 80.1 | 81.8 | 73.7 | 59.6 | 39.6 | 33.1 | 58.6   |
| 2001           | 34.8 | 41.2 | 45.0 | 61.0 | 65.2 | 76.5 | 83.9 | 78.7 | 70.4 | 60.2 | 50.7 | 40.4 | 59.0   |
| 2002           | 39.5 | 39.7 | 45.6 | 59.8 | 66.4 | 77.7 | 79.0 | 78.1 | 69.2 | 52.9 | 44.1 | 35.6 | 57.3   |
| POR=<br>63 YRS | 35.8 | 40.0 | 46.7 | 56.6 | 65.4 | 74.6 | 78.6 | 77.0 | 69.5 | 58.8 | 45.7 | 37.7 | 57.2   |

HEATING DEGREE DAYS (base 65°F) 2002 AMARILLO, TX (AMA)

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-------|
| 1973-74 | 0   | 0   | 56  | 154 | 420 | 813  | 922  | 633 | 368 | 190 | 17  | 0   | 3573  |
| 1974-75 | 0   | 0   | 119 | 199 | 571 | 890  | 853  | 826 | 612 | 323 | 67  | 16  | 4476  |
| 1975-76 | 0   | 0   | 104 | 158 | 569 | 757  | 861  | 492 | 567 | 253 | 171 | 0   | 3932  |
| 1976-77 | 0   | 0   | 59  | 464 | 790 | 846  | 1075 | 592 | 499 | 215 | 22  | 0   | 4562  |
| 1977-78 | 0   | 0   | 1   | 150 | 522 | 768  | 1107 | 972 | 551 | 136 | 139 | 6   | 4352  |
| 1978-79 | 0   | 0   | 33  | 197 | 574 | 992  | 1236 | 697 | 561 | 319 | 144 | 30  | 4783  |
| 1979-80 | 0   | 2   | 28  | 186 | 727 | 806  | 926  | 788 | 649 | 373 | 146 | 0   | 4631  |
| 1980-81 | 0   | 0   | 35  | 280 | 662 | 723  | 832  | 630 | 496 | 111 | 65  | 0   | 3834  |
| 1981-82 | 0   | 0   | 26  | 271 | 469 | 765  | 849  | 803 | 534 | 340 | 96  | 2   | 4155  |
| 1982-83 | 0   | 0   | 23  | 252 | 575 | 888  | 972  | 800 | 603 | 421 | 171 | 32  | 4737  |
| 1983-84 | 0   | 0   | 40  | 175 | 506 | 1241 | 1028 | 709 | 642 | 390 | 56  | 0   | 4787  |
| 1984-85 | 0   | 0   | 125 | 262 | 531 | 752  | 1034 | 769 | 474 | 169 | 37  | 5   | 4158  |
| 1985-86 | 0   | 0   | 111 | 249 | 640 | 957  | 691  | 681 | 379 | 203 | 72  | 0   | 3983  |
| 1986-87 | 0   | 2   | 26  | 290 | 665 | 858  | 954  | 634 | 624 | 315 | 70  | 9   | 4447  |
| 1987-88 | 0   | 8   | 18  | 226 | 584 | 936  | 1010 | 765 | 633 | 323 | 102 | 4   | 4609  |
| 1988-89 | 0   | 7   | 32  | 197 | 517 | 815  | 747  | 909 | 429 | 219 | 59  | 27  | 3958  |
| 1989-90 | 0   | 0   | 91  | 185 | 507 | 1037 | 795  | 672 | 551 | 276 | 140 | 0   | 4254  |
| 1990-91 | 0   | 0   | 11  | 234 | 454 | 981  | 994  | 529 | 467 | 208 | 53  | 1   | 3932  |
| 1991-92 | 0   | 0   | 71  | 258 | 709 | 798  | 833  | 576 | 437 | 203 | 98  | 10  | 3993  |
| 1992-93 | 0   | 0   | 21  | 171 | 765 | 949  | 984  | 808 | 577 | 317 | 82  | 5   | 4679  |
| 1993-94 | 0   | 2   | 39  | 332 | 717 | 810  | 875  | 760 | 499 | 309 | 78  | 0   | 4421  |
| 1994-95 | 0   | 0   | 31  | 228 | 553 | 716  | 792  | 583 | 547 | 333 | 146 | 13  | 3942  |
| 1995-96 | 0   | 1   | 89  | 217 | 497 | 813  | 926  | 634 | 636 | 250 | 21  | 0   | 4084  |
| 1996-97 | 3   | 0   | 70  | 251 | 571 | 775  | 917  | 728 | 447 | 476 | 99  | 2   | 4339  |
| 1997-98 | 0   | 4   | 35  | 259 | 661 | 967  | 774  | 667 | 664 | 343 | 39  | 21  | 4434  |
| 1998-99 | 0   | 0   | 13  | 180 | 469 | 828  | 764  | 490 | 573 | 305 | 132 | 9   | 3763  |
| 1999-00 | 0   | 0   | 93  | 226 | 373 | 844  | 785  | 510 | 482 | 220 | 60  | 9   | 3602  |
| 2000-01 | 0   | 0   | 50  | 195 | 755 | 981  | 929  | 660 | 611 | 139 | 75  | 0   | 4395  |
| 2001-02 | 0   | 0   | 12  | 180 | 418 | 755  | 782  | 702 | 597 | 205 | 79  | 1   | 3731  |
| 2002-   | 0   | 0   | 21  | 377 | 623 | 906  |      |     |     |     |     |     |       |

WBAN : 23047

COOLING DEGREE DAYS (base 65°F) 2002 AMARILLO, TX (AMA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1973 | 0   | 0   | 0   | 3   | 53  | 310 | 414 | 435 | 173 | 67  | 1   | 0   | 1456   |
| 1974 | 0   | 0   | 6   | 52  | 228 | 306 | 449 | 274 | 61  | 20  | 0   | 0   | 1396   |
| 1975 | 0   | 0   | 0   | 24  | 61  | 273 | 330 | 367 | 134 | 46  | 0   | 0   | 1235   |
| 1976 | 0   | 0   | 0   | 13  | 32  | 223 | 312 | 318 | 110 | 5   | 0   | 0   | 1013   |
| 1977 | 0   | 0   | 0   | 10  | 100 | 399 | 493 | 389 | 287 | 22  | 0   | 0   | 1700   |
| 1978 | 0   | 0   | 6   | 33  | 108 | 324 | 497 | 351 | 209 | 28  | 0   | 0   | 1556   |
| 1979 | 0   | 0   | 0   | 12  | 64  | 218 | 380 | 276 | 177 | 41  | 0   | 0   | 1168   |
| 1980 | 0   | 0   | 0   | 4   | 58  | 408 | 562 | 429 | 211 | 26  | 0   | 0   | 1698   |
| 1981 | 0   | 0   | 1   | 59  | 87  | 410 | 512 | 299 | 154 | 16  | 0   | 0   | 1538   |
| 1982 | 0   | 0   | 0   | 9   | 52  | 225 | 437 | 432 | 213 | 22  | 0   | 0   | 1390   |
| 1983 | 0   | 0   | 0   | 2   | 31  | 201 | 473 | 502 | 306 | 41  | 3   | 0   | 1559   |
| 1984 | 0   | 0   | 0   | 1   | 121 | 298 | 331 | 325 | 151 | 17  | 0   | 0   | 1244   |
| 1985 | 0   | 0   | 2   | 27  | 143 | 315 | 473 | 458 | 235 | 6   | 0   | 0   | 1659   |
| 1986 | 0   | 0   | 3   | 45  | 87  | 256 | 489 | 299 | 144 | 10  | 0   | 0   | 1333   |
| 1987 | 0   | 0   | 0   | 19  | 64  | 227 | 386 | 334 | 105 | 11  | 0   | 0   | 1146   |
| 1988 | 0   | 0   | 0   | 3   | 67  | 263 | 340 | 366 | 120 | 19  | 0   | 0   | 1178   |
| 1989 | 0   | 0   | 10  | 75  | 136 | 164 | 354 | 347 | 138 | 51  | 0   | 0   | 1275   |
| 1990 | 0   | 0   | 0   | 9   | 101 | 494 | 359 | 358 | 229 | 17  | 1   | 0   | 1568   |
| 1991 | 0   | 0   | 0   | 12  | 166 | 298 | 364 | 358 | 144 | 66  | 0   | 0   | 1408   |
| 1992 | 0   | 0   | 0   | 19  | 52  | 188 | 366 | 271 | 186 | 25  | 0   | 0   | 1107   |
| 1993 | 0   | 0   | 0   | 6   | 77  | 283 | 443 | 315 | 134 | 15  | 0   | 0   | 1273   |
| 1994 | 0   | 0   | 6   | 18  | 91  | 439 | 392 | 345 | 159 | 24  | 4   | 0   | 1478   |
| 1995 | 0   | 0   | 9   | 7   | 47  | 194 | 388 | 419 | 182 | 13  | 0   | 0   | 1259   |
| 1996 | 0   | 5   | 0   | 14  | 260 | 325 | 386 | 297 | 103 | 27  | 0   | 0   | 1417   |
| 1997 | 0   | 0   | 0   | 0   | 49  | 205 | 407 | 320 | 247 | 55  | 0   | 0   | 1283   |
| 1998 | 0   | 0   | 1   | 6   | 177 | 399 | 547 | 407 | 342 | 43  | 0   | 0   | 1922   |
| 1999 | 0   | 0   | 0   | 5   | 56  | 221 | 396 | 410 | 135 | 16  | 0   | 0   | 1239   |
| 2000 | 0   | 0   | 0   | 14  | 214 | 225 | 475 | 529 | 320 | 39  | 0   | 0   | 1816   |
| 2001 | 0   | 0   | 0   | 27  | 88  | 353 | 594 | 433 | 180 | 38  | 0   | 0   | 1713   |
| 2002 | 0   | 0   | 2   | 56  | 129 | 390 | 442 | 412 | 156 | 10  | 0   | 0   | 1597   |

SNOWFALL (inches) 2002 AMARILLO, TX (AMA)

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB  | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1973-74        | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.5  | 3.6  | 1.2  | T   | 0.0 | 0.0 | 0.0 | 6.7   |
| 1974-75        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 1.5  | 3.8  | 11.7 | 1.2 | T   | 0.0 | 0.0 | 18.2  |
| 1975-76        | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.8  | T    | T    | 4.2 | 0.0 | 0.0 | 0.0 | 6.4   |
| 1976-77        | 0.0 | 0.0 | 0.0 | 3.9 | 4.3 | T    | 6.4  | 3.7  | T   | T   | 0.0 | 0.0 | 18.3  |
| 1977-78        | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0.2  | 8.2  | 9.4  | 1.5 | T   | 0.5 | 0.0 | 21.1  |
| 1978-79        | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 3.3  | 5.9  | 1.9  | T   | T   | 0.0 | 0.0 | 13.1  |
| 1979-80        | 0.0 | 0.0 | 0.0 | 1.6 | 2.2 | 0.3  | 1.4  | 5.2  | 1.0 | T   | 0.0 | 0.0 | 11.7  |
| 1980-81        | 0.0 | 0.0 | 0.0 | 0.0 | 8.6 | T    | 1.1  | 0.1  | 0.1 | 0.0 | 0.0 | 0.0 | 9.9   |
| 1981-82        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.3  | 1.1  | 4.7  | 1.7 | T   | 0.0 | 0.0 | 7.8   |
| 1982-83        | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 1.9  | 14.5 | 13.0 | 8.1 | 5.9 | 0.0 | 0.0 | 47.9  |
| 1983-84        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 5.2  | 7.0  | 3.5  | 2.5 | 0.0 | 0.0 | 0.0 | 18.2  |
| 1984-85        | 0.0 | 0.0 | 0.3 | 0.0 | 0.1 | 0.3  | 7.4  | 0.3  | 0.2 | 0.0 | 0.0 | 0.0 | 8.6   |
| 1985-86        | 0.0 | 0.0 | T   | 0.0 | T   | 2.8  | 0.0  | 10.9 | 1.0 | 0.0 | 0.0 | 0.0 | 14.7  |
| 1986-87        | 0.0 | 0.0 | 0.0 | T   | 0.2 | 3.3  | 12.1 | 3.1  | 6.4 | 0.1 | 0.0 | 0.0 | 25.2  |
| 1987-88        | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 15.3 | 4.3  | 0.5  | 8.5 | 4.2 | 0.0 | 0.0 | 33.5  |
| 1988-89        | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 2.2  | T    | 0.1  | 4.2 | 0.1 | T   | T   | 9.0   |
| 1989-90        | 0.0 | 0.0 | T   | 0.0 | 0.0 | 5.4  | 8.5  | 3.0  | 0.0 | 0.0 | 0.0 | 0.0 | 16.9  |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 3.8  | 5.0  | T    | 1.0 | 0.0 | T   | T   | 12.0  |
| 1991-92        | 0.0 | 0.0 | T   | 3.2 | T   | 2.0  | 1.0  | 0.2  | T   | 0.3 | T   | T   | 6.7   |
| 1992-93        | 0.0 | 0.0 | 0.0 | T   | 9.0 | 10.0 | 2.5  | 2.2  | 2.1 | T   | T   | 0.0 | 25.8  |
| 1993-94        | 0.0 | 0.0 | 0.0 | T   | T   | 0.5  | 10.2 | T    | 3.0 | T   | 0.0 | 0.0 | 13.7  |
| 1994-95        | T   | 0.0 | 0.0 | 0.0 | T   | 0.0  | 3.7  | T    | 2.3 | 0.0 | 0.0 | 0.0 | 6.0   |
| 1995-96        | T   | 0.0 | T   | 0.0 | 0.5 | 2.7  | 1.1  | 4.6  | 0.1 | 0.0 | T   | 0.0 | 9.0   |
| 1996-97        | T   | 0.0 | 0.0 | 1.5 | 8.0 | 1.1  | 10.8 | 2.0  | 0.0 | 6.5 | 0.0 | T   | 29.9  |
| 1997-98        | T   | 0.0 | 0.0 | T   | 5.4 | 10.9 | T    | 10.4 | 4.4 | T   | 0.0 | 0.0 | 31.1  |
| 1998-99        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0  | 13.1 | T    | 1.3 | T   | 0.0 | T   | 15.4  |
| 1999-00        | T   | T   | 0.0 | T   | 0.0 | 8.6  | 2.8  | T    | 0.5 | 0.5 | T   | 0.0 | 12.4  |
| 2000-01        | 0.0 | 0.0 | 0.0 | T   | 8.9 | 21.2 | 13.0 | 1.4  | 1.8 | T   | T   | 0.0 | 46.3  |
| 2001-02        | 0.0 | 0.0 | T   | 0.0 | 2.3 | 2.0  | 3.3  | 1.1  | 0.3 | T   | T   | T   | 9.0   |
| 2002-          | 0.0 | 0.0 | 0.0 | T   | 0.0 | 10.6 |      |      |     |     |     |     |       |
| POR=<br>63 YRS | 0.3 | 0.1 | 0.0 | 0.2 | 1.9 | 3.3  | 4.2  | 3.3  | 2.5 | 0.7 | 0.1 | 0.0 | 16.6  |

WBAN : 23047

REFERENCE NOTES:

|   |  |
|---|--|
| <p>PAGE 1:<br/>THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3:<br/>H/C INDICATES HEATING AND COOLING DEGREE DAYS.<br/>RH INDICATES RELATIVE HUMIDITY<br/>W/O INDICATES WEATHER AND OBSTRUCTIONS<br/>S INDICATES SUNSHINE.<br/>PR INDICATES PRESSURE.<br/>CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL:<br/>T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.<br/>+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.<br/>BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.<br/>NORMALS ARE 30-YEAR AVERAGES (1961 - 1990).<br/>ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.<br/>PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.<br/>POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.<br/>WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.<br/>0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.<br/>CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET.<br/>THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p> | <p>GENERAL CONTINUED:<br/>CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.<br/>WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.<br/>WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.<br/>RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.<br/>AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.<br/>SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.<br/>A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F.<br/>DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.<br/>DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.<br/>WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> |
|---|--|

2002  
AMARILLO,  
TEXAS (AMA)

The station is located 7 statute miles east northeast of the downtown post office in a region of rather flat topography. The Canadian River flows eastward 18 miles north of the station, with its bed about 800 feet below the plains. The Prairie Dog Town Fork of the Red River flows southeastward about 15 miles south of the station where it enters the Palo Duro Canyon, which is about 1,000 feet deep. There are numerous shallow Playa lakes, often dry, over the area, and the nearly treeless grasslands slope downward to the east. The terrain gradually rises to the west and northwest.

Three-fourths of the total annual precipitation falls from April through September, occurring from thunderstorm activity. Snow usually melts within a few days after it falls. Heavier snowfalls of 10 inches or more, usually with near blizzard conditions, average once every 5 years and last 2 to 3 days.

The Amarillo area is subject to rapid and large temperature changes, especially during the winter months when cold fronts from the northern Rocky Mountain and Plains states sweep across the area. Temperature drops of 50 to 60 degrees within a 12-hour period are not uncommon. Temperature drops of 40 degrees have occurred within a few minutes.

Humidity averages are low, occasionally dropping below 20 percent in the spring. Low humidity moderates the effect of high summer afternoon temperatures, permits evaporative cooling systems to be very effective, and provides many pleasant evenings and nights.

Severe local storms are infrequent, although a few thunderstorms with damaging hail, lightning, and wind in a very localized area occur most years, usually in spring and summer. These storms are often accompanied by very heavy rain, which produces local flooding, particularly of roads and streets. Tornadoes are rare.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 29 and the average last occurrence in the spring is April 14.

# STATION LOCATION

AMARILLO, TEXAS

| LOCATION  | Occupied From | Occupied To | Airline Distances and Directions from previous Location | LATITUDE |         | ELEVATION ABOVE |           |                 |                      |              |                 |               |                     |                   |            | AUTOMATIC OBSERVING *<br>EQUIPMENT | * TYPE<br><br>M = AMOS<br>T = AUTOB<br>S = ASOS<br>W = AWOS<br><br>REMARKS   |  |
|---|---------------|-------------|---|----------|---------|-----------------|-----------|-----------------|----------------------|--------------|-----------------|---------------|---------------------|-------------------|------------|------------------------------------|--|--|
|   |               |             |   | NORTH    | WEST    | SEA LEVEL       | GROUND    |                 |                      |              |                 |               |                     |                   |            |                                    |  |  |
|   |               |             |   |          |         |                 | GROUND    | WIND INSTRUMENT | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING GAUGE | WEIGHING RAIN GAUGE | 8 INCH RAIN GAUGE | HYGROMETER |                                    |  |  |
| <b>*NOTE:</b>   |               |             |   |          |         |                 |           |                 |                      |              |                 |               |                     |                   |            |                                    |  |  |
| <b><u>AIRPORT</u></b>   |               |             |   |          |         |                 |           |                 |                      |              |                 |               |                     |                   |            |                                    |  |  |
| Administration Building<br>English Field Airport  | 6/12/31       | 11/29/37    | NA  | 35°14'   | 101°42' | 3589            | 52        | 37              | 37                   |              |                 |               |                     |                   |            | 4                                  | Bureau of Air Commerce to 4/9/32, Weather Bureau to 7/11/35, and CAA thereafter. Destroyed by fire 11/29/37. CAA observations at City Office site following fire to 12/15/37.  |  |
| CAA Airway Building<br>English Field Airport  | 12/15/37      | 3/22/41     | 400ft. SW   | 35°14'   | 101°42' | 3590            | 17        | 4               | 4                    |              |                 |               |                     |                   |            | 4                                  | CAA to 5/1/40 then Weather Bureau.   |  |
| Administration Building<br>Amarillo Air Terminal<br>(Name changed from<br>English Field Airport<br>1/1/50). | 3/22/41       | 11/20/74    | 500 ft E  | 35°14'   | 101°42' | 3590<br>c3604   | 33<br>a33 | 5<br>a5         | 5<br>a5              | 6<br>e17     | 4<br>a4         | 4<br>a4       | 4<br>a4             | NA<br>b5          | NA         |                                    | Weather Bureau Operation<br>a. Moved 525' SW 4/21/55.<br>b. Telepsychrometer (5') 4/21/55-2/1/61. Hygro. commissioned 1 1/4 miles SW of thermometer site 2/1/61.<br>c. Effective 2/1/61.<br>d. Effective 5/3/61.<br>e. Effective 4/1/63. |  |
| NWS Building<br>Amarillo Air Terminal +   | 11/20/74      | 11/1/92     | 1100ft. W   | 35°14'   | 101°42' | 3604            | f23       | 5               | 5                    | 18           | 4               | 4             | 4                   | f5<br>g4<br>h5    | NA         |                                    | f. Not moved 11/20/74.<br>g. Relocated 8/4/83.<br>h. Raised & type change 9/26/85.   |  |
| + Amarillo Int'l<br>Airport (Name change<br>6/1/77)   |               |             |   |          |         |                 |           |                 |                      |              |                 |               |                     |                   |            |                                    |  |  |
| International Airport   | 11/01/92      | Present     | NA  | 35°13'   | 101°42' | i3586           |           |                 |                      |              |                 |               |                     |                   | S          |                                    | ASOS Commissioned 11/01/92<br>i. ground elevation  |  |

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\* NOTES: For earlier station history see previous editions.