

1997

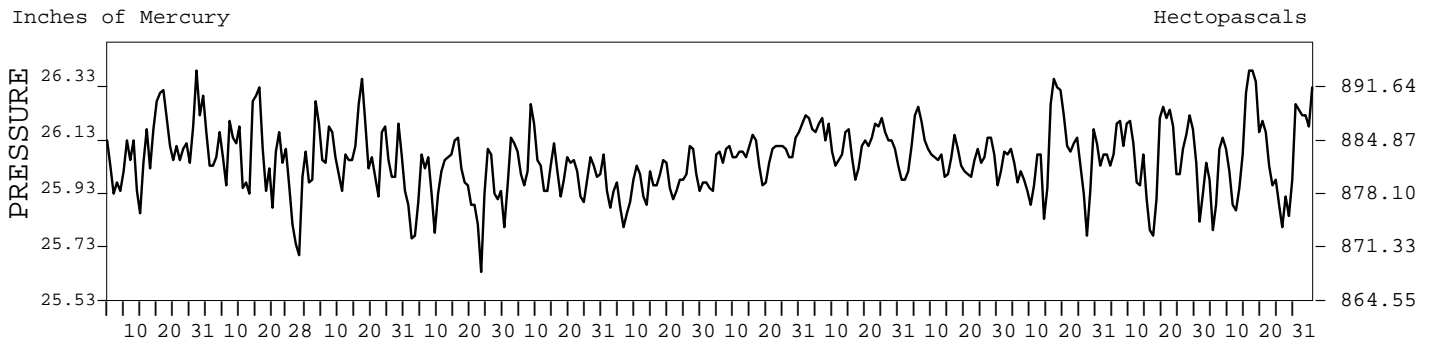
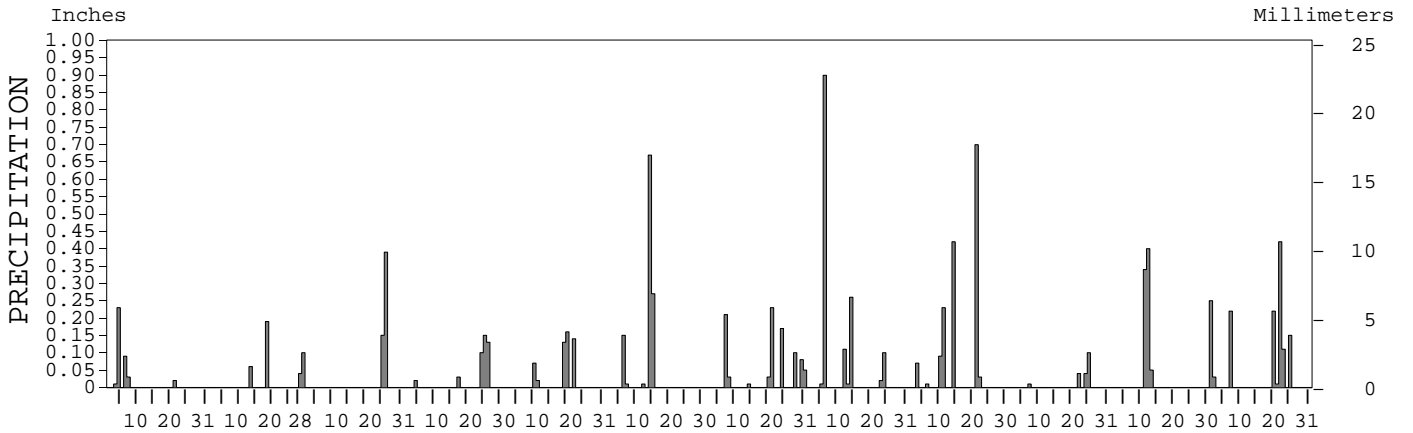
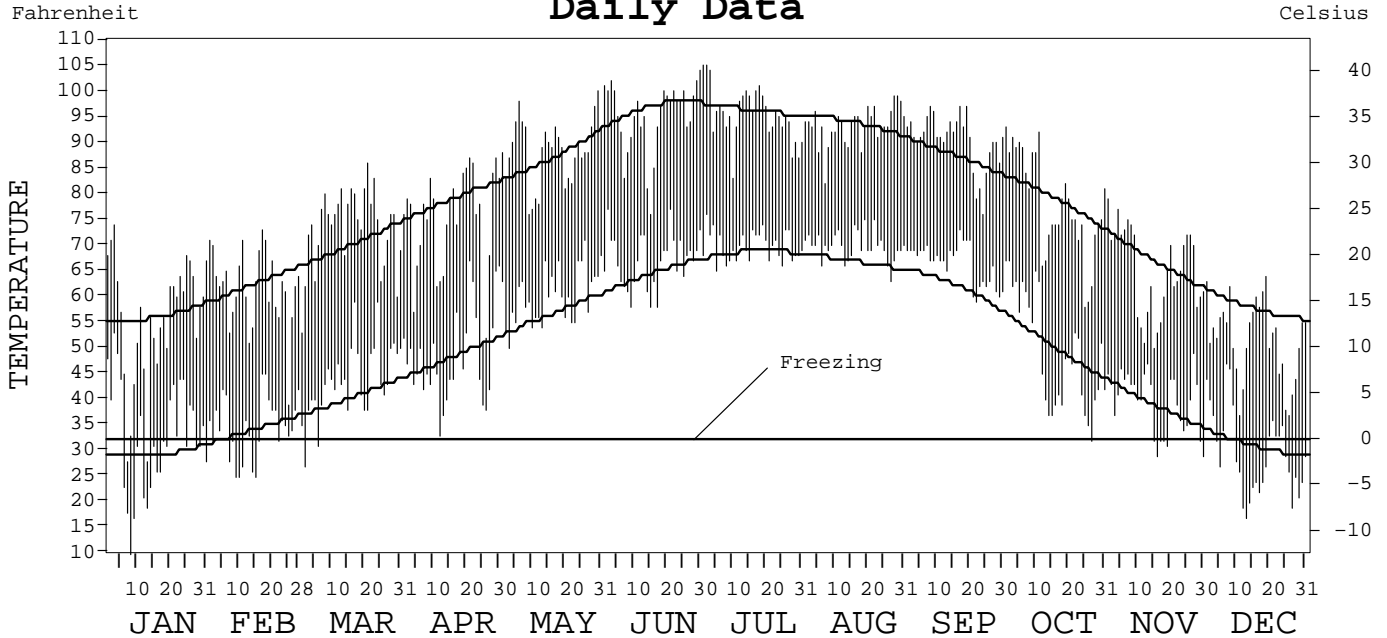
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-5035

EL PASO,
TEXAS (ELP)

Daily Data



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NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

James H. ...
ACTING DIRECTOR

NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 1997

EL PASO, TX (ELP)

LATITUDE: 31° 48' 40" N LONGITUDE: 106° 22' 33" W ELEVATION (FT): GRND: 3918 BARO: 3932 TIME ZONE: MOUNTAIN (UTC+ 7) WBAN: 23044

| | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 55.6 | 61.7 | 73.4 | 74.6 | 88.4 | 95.0 | 95.5 | 93.3 | 90.3 | 77.9 | 65.0 | 51.6 | 76.9 | |
| | HIGHEST DAILY MAXIMUM | 74 | 73 | 86 | 87 | 100 | 104 | 105 | 99 | 97 | 93 | 79 | 64 | 105 | |
| | DATE OF OCCURRENCE | 3 | 17 | 21 | 29+ | 30 | 30 | 02+ | 29+ | 19+ | 01 | 01 | 19 | JUL 02+ | |
| | MEAN DAILY MINIMUM | 32.8 | 34.6 | 43.8 | 48.3 | 60.2 | 66.9 | 69.8 | 69.8 | 66.4 | 49.3 | 39.4 | 29.6 | 50.9 | |
| | LOWEST DAILY MINIMUM | 10 | 25 | 27 | 33 | 50 | 58 | 65 | 63 | 59 | 32 | 29 | 17 | 10 | |
| | DATE OF OCCURRENCE | 8 | 15+ | 2 | 12 | 3 | 17+ | 05 | 27 | 22 | 27 | 30+ | 13 | JAN 8 | |
| | AVERAGE DRY BULB | 44.2 | 48.2 | 58.6 | 61.5 | 74.3 | 81.0 | 82.7 | 81.6 | 78.4 | 63.6 | 52.2 | 40.6 | 63.9 | |
| | MEAN WET BULB | 35.7 | 38.3 | 44.7 | 48.1 | 58.0 | 61.8 | 65.0 | 66.2 | 64.4 | 50.8 | 42.5 | 34.5 | 50.8 | |
| | MEAN DEW POINT | 23.7 | 23.8 | 27.7 | 33.9 | 45.2 | 48.2 | 54.3 | 57.6 | 56.0 | 37.8 | 31.5 | 26.4 | 38.8 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM ≥ 90° | 0 | 0 | 0 | 0 | 14 | 25 | 28 | 26 | 23 | 4 | 0 | 0 | 0 | 120 |
| | MAXIMUM ≤ 32° | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | MINIMUM ≤ 32° | 17 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 19 | 56 | |
| | MINIMUM ≤ 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| H/C | HEATING DEGREE DAYS | 635 | 467 | 202 | 155 | 0 | 0 | 0 | 0 | 150 | 378 | 746 | 2733 | | |
| | COOLING DEGREE DAYS | 0 | 0 | 10 | 53 | 298 | 489 | 556 | 518 | 408 | 116 | 0 | 2448 | | |
| RH | MEAN (PERCENT) | 47 | 42 | 34 | 39 | 39 | 36 | 42 | 47 | 49 | 41 | 50 | 62 | 44 | |
| | HOUR 05 LST | 60 | 54 | 50 | 53 | 56 | 52 | 59 | 65 | 65 | 58 | 64 | 75 | 59 | |
| | HOUR 11 LST | 41 | 36 | 30 | 33 | 33 | 31 | 36 | 40 | 43 | 33 | 42 | 52 | 38 | |
| | HOUR 17 LST | 35 | 29 | 21 | 30 | 26 | 24 | 27 | 32 | 35 | 25 | 39 | 48 | 31 | |
| | HOUR 23 LST | 50 | 45 | 36 | 42 | 45 | 38 | 46 | 51 | 51 | 46 | 54 | 68 | 48 | |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| | THUNDERSTORMS | 1 | 1 | 0 | 4 | 7 | 4 | 12 | 7 | 5 | 2 | 0 | 0 | 43 | |
| 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.) | 26.08 | 26.02 | 26.06 | 25.93 | 26.00 | 25.94 | 26.05 | 26.09 | 26.05 | 26.04 | 26.04 | 26.06 | 26.03 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.05 | 29.95 | 29.95 | 29.79 | 29.81 | 29.72 | 29.84 | 29.88 | 29.85 | 29.90 | 29.96 | 30.04 | 29.89 | |
| WINDS | RESULTANT SPEED (MPH) | 2.1 | 1.3 | 1.2 | 1.7 | 2.1 | 0.9 | 1.1 | 0.7 | 1.4 | 1.2 | 1.2 | 2.8 | 0.9 | |
| | RES. DIR. (TENS OF DEGS.) | 30 | 31 | 33 | 26 | 25 | 25 | 11 | 17 | 06 | 30 | 31 | 31 | 30 | |
| | MEAN SPEED (MPH) | 9.0 | 8.8 | 8.8 | 11.2 | 9.0 | 8.5 | 7.7 | 7.2 | 6.7 | 8.2 | 7.2 | 8.1 | 8.4 | |
| | PREVAIL. DIR. (TENS OF DEGS.) | 01 | 36 | 24 | 25 | 24 | 27 | 16 | 14 | 10 | 02 | 01 | 01 | 01 | |
| | MAXIMUM 2-MINUTE WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 41 | 40 | 33 | 44 | 38 | 38 | 30 | | 38 | 41 | 39 | 39 | | |
| | DIR. (TENS OF DEGS.) | 26 | 24 | 26 | 26 | 25 | 35 | 20 | | 21 | 23 | 27 | 24 | | |
| | DATE OF OCCURRENCE | 23 | 28 | 24 | 10 | 01 | 26 | 20+ | | 14 | 07 | 13 | 08 | | |
| | MAXIMUM 5-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 52 | 48 | 55 | 54 | 44 | 46 | 37 | | 47 | 51 | 47 | 48 | | |
| DIR. (TENS OF DEGS.) | 27 | 26 | 29 | 25 | 27 | 35 | 21 | | 22 | 23 | 27 | 24 | | | |
| DATE OF OCCURRENCE | 23 | 28 | 24 | 24 | 01 | 26 | 20+ | | 14 | 07 | 13 | 08 | | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.38 | 0.29 | 0.64 | 0.43 | 0.52 | 1.11 | 0.91 | 1.41 | 1.55 | 0.19 | 0.79 | 1.41 | 9.63 | |
| | GREATEST 24-HOUR (IN.) | 0.23 | 0.19 | 0.40 | 0.28 | 0.29 | 0.67 | 0.26 | 0.90 | 0.73 | 0.14 | 0.69 | 0.53 | 0.90 | |
| | DATE OF OCCURRENCE | 04 | 18 | 25-26 | 25-26 | 19-20 | 14 | 20-21 | 06 | 21-22 | 24-25 | 11-12 | 22-23 | AUG 06 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION ≥ 0.01 | 5 | 3 | 3 | 5 | 5 | 5 | 9 | 7 | 7 | 4 | 3 | 8 | 64 | |
| PRECIPITATION ≥ 0.10 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 1 | 2 | 6 | 34 | | |
| PRECIPITATION ≥ 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SNOWFALL | SNOW, ICE PELLETS, HAIL: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | | | | | | | | | | | | | | |
| | GREATEST 24-HOUR (IN.) | | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| | MAXIMUM SNOW DEPTH (IN.) | | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | | | | | | | | | | | | | | | |

NORMALS, MEANS, AND EXTREMES

EL PASO, TX (ELP)

LATITUDE: 31° 48' 40" N LONGITUDE: 106° 22' 33" W ELEVATION (FT): GRND: 3918 BARO: 3932 TIME ZONE: MOUNTAIN (UTC+ 7) WBAN: 23044

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-----------------------|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 56.1 | 62.2 | 69.9 | 78.7 | 87.1 | 96.5 | 96.1 | 93.5 | 87.1 | 78.4 | 66.4 | 57.5 | 77.5 |
| | MEAN DAILY MAXIMUM | 50 | 57.5 | 63.2 | 69.8 | 78.7 | 87.1 | 95.9 | 95.3 | 93.0 | 87.8 | 78.7 | 64.8 | 58.2 | 77.5 |
| | HIGHEST DAILY MAXIMUM | 58 | 80 | 83 | 89 | 98 | 104 | 114 | 112 | 108 | 104 | 96 | 87 | 80 | 114 |
| | YEAR OF OCCURRENCE | | 1970 | 1986 | 1989 | 1989 | 1951 | 1994 | 1979 | 1980 | 1982 | 1994 | 1983 | 1973 | JUN 1994 |
| | MEAN OF EXTREME MAXS. | 50 | 70.7 | 76.2 | 82.5 | 90.4 | 97.4 | 104.5 | 103.3 | 100.4 | 96.7 | 89.7 | 77.0 | 71.1 | 88.3 |
| | NORMAL DAILY MINIMUM | 30 | 29.4 | 33.9 | 40.2 | 48.0 | 56.5 | 64.3 | 68.4 | 66.6 | 61.6 | 49.6 | 38.4 | 30.7 | 49.0 |
| | MEAN DAILY MINIMUM | 50 | 30.9 | 35.1 | 41.3 | 49.3 | 57.8 | 66.5 | 69.7 | 68.2 | 61.9 | 50.1 | 37.0 | 31.7 | 50.0 |
| | LOWEST DAILY MINIMUM | 58 | -8 | 8 | 14 | 23 | 31 | 46 | 57 | 56 | 41 | 25 | 0 | 5 | -8 |
| | YEAR OF OCCURRENCE | | 1962 | 1985 | 1971 | 1983 | 1967 | 1988 | 1988 | 1973 | 1945 | 1970 | 1996 | 1953 | JAN 1962 |
| | MEAN OF EXTREME MINS. | 50 | 16.2 | 21.0 | 25.9 | 34.7 | 44.3 | 55.3 | 63.1 | 61.8 | 51.2 | 36.9 | 23.3 | 17.7 | 37.6 |
| | NORMAL DRY BULB | 30 | 42.8 | 48.1 | 55.1 | 63.4 | 71.8 | 80.4 | 82.3 | 80.1 | 74.4 | 64.0 | 52.4 | 44.1 | 63.2 |
| | MEAN DRY BULB | 50 | 44.1 | 49.2 | 55.6 | 64.0 | 72.5 | 81.2 | 82.5 | 80.6 | 74.8 | 64.4 | 50.9 | 44.9 | 63.7 |
| | MEAN WET BULB | 14 | 36.1 | 39.9 | 42.9 | 47.7 | 54.4 | 60.8 | 65.1 | 66.1 | 60.8 | 51.8 | 39.2 | 36.9 | 50.1 |
| | MEAN DEW POINT | 14 | 24.4 | 25.7 | 25.2 | 27.2 | 35.6 | 44.9 | 54.8 | 58.2 | 51.6 | 39.9 | 27.6 | 26.4 | 36.8 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 30 | 0.0 | 0.0 | 0.0 | 2.0 | 12.8 | 26.0 | 26.9 | 23.4 | 11.8 | 1.6 | 0.0 | 0.0 | 104.5 | |
| MAXIMUM ≤ 32° | 30 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.8 | |
| MINIMUM ≤ 32° | 30 | 19.6 | 12.3 | 5.1 | 0.9 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 7.8 | 18.8 | 64.9 | |
| MINIMUM ≤ 0° | 30 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 688 | 473 | 316 | 110 | 7 | 0 | 0 | 0 | 88 | 378 | 648 | 2708 | |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 10 | 62 | 217 | 462 | 536 | 468 | 282 | 57 | 0 | 2094 | |
| RH | NORMAL (PERCENT) | 30 | 50 | 42 | 32 | 27 | 27 | 30 | 44 | 48 | 50 | 47 | 46 | 52 | 41 |
| | HOUR 05 LST | 30 | 65 | 56 | 46 | 40 | 41 | 46 | 63 | 67 | 69 | 65 | 61 | 65 | 57 |
| | HOUR 11 LST | 30 | 44 | 37 | 28 | 23 | 23 | 25 | 37 | 41 | 43 | 38 | 38 | 44 | 35 |
| | HOUR 17 LST | 30 | 34 | 27 | 20 | 17 | 16 | 18 | 29 | 33 | 34 | 30 | 32 | 37 | 27 |
| | HOUR 23 LST | 30 | 55 | 44 | 34 | 29 | 29 | 32 | 48 | 53 | 56 | 53 | 52 | 56 | 45 |
| S | PERCENT POSSIBLE SUNSHINE | 54 | 78 | 82 | 86 | 89 | 90 | 90 | 82 | 81 | 83 | 84 | 83 | 77 | 84 |
| W/O | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 59 | 0.6 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 0.6 | 2.0 | |
| | THUNDERSTORMS | 59 | 0.2 | 0.4 | 0.5 | 1.1 | 3.0 | 4.5 | 10.1 | 9.9 | 4.1 | 1.8 | 0.3 | 36.1 | |
| CLOUDINESS | MEAN: | | | | | | | | | | | | | | |
| | SUNRISE-SUNSET (OKTAS) | 53 | 3.7 | 3.4 | 3.4 | 2.8 | 2.6 | 2.2 | 3.5 | 3.4 | 2.7 | 2.5 | 2.7 | 3.4 | 3.0 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 31 | 3.3 | 3.1 | 2.8 | 2.4 | 2.4 | 2.2 | 3.6 | 3.6 | 2.9 | 2.2 | 2.5 | 3.0 | 2.8 |
| | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| | CLEAR | 54 | 13.9 | 13.6 | 15.1 | 16.7 | 18.5 | 19.8 | 12.0 | 13.6 | 17.4 | 18.5 | 17.2 | 14.8 | 191.1 |
| PARTLY CLOUDY | 54 | 7.5 | 7.3 | 8.4 | 8.0 | 8.2 | 7.4 | 13.1 | 11.9 | 7.1 | 6.7 | 6.1 | 7.2 | 98.9 | |
| CLOUDY | 54 | 9.7 | 7.3 | 7.5 | 5.2 | 4.2 | 2.7 | 5.4 | 4.9 | 5.0 | 5.2 | 6.2 | 8.5 | 71.8 | |
| PR | MEAN STATION PRESSURE (IN) | 25 | 26.10 | 26.10 | 26.00 | 26.00 | 26.00 | 26.00 | 26.10 | 26.10 | 26.10 | 26.10 | 25.10 | 26.10 | 25.98 |
| | MEAN SEA-LEVEL PRES. (IN) | 14 | 30.07 | 29.99 | 29.91 | 29.83 | 29.77 | 29.76 | 29.84 | 29.87 | 27.76 | 27.80 | 27.86 | 30.07 | 29.38 |
| WINDS | MEAN SPEED (MPH) | 55 | 8.3 | 9.1 | 10.9 | 11.0 | 10.3 | 9.3 | 8.4 | 7.8 | 7.7 | 7.7 | 8.0 | 7.9 | 8.9 |
| | PREVAIL. DIR (TENS OF DEGS) | 26 | 02 | 27 | 27 | 27 | 26 | 27 | 12 | 14 | 36 | 36 | 02 | 01 | 36 |
| | MAXIMUM 2-MINUTE: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 2 | 64 | 41 | 47 | 44 | 38 | 40 | 45 | 43 | 41 | 41 | 39 | 39 | 64 |
| | DIR. (TENS OF DEGS) | | 26 | 26 | 25 | 27 | 24 | 29 | 30 | 04 | 35 | 23 | 27 | 24 | 26 |
| | YEAR OF OCCURRENCE | | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1997 | 1997 | 1997 | JAN 1996 |
| | MAXIMUM 5-SECOND: | | | | | | | | | | | | | | |
| SPEED (MPH) | 2 | 75 | 52 | 60 | 57 | 48 | 51 | 62 | 46 | 47 | 51 | 47 | 48 | 75 | |
| DIR. (TENS OF DEGS) | | 26 | 25 | 26 | 28 | 23 | 22 | 29 | 03 | 22 | 23 | 27 | 24 | 26 | |
| YEAR OF OCCURRENCE | | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1997 | 1997 | 1997 | 1997 | JAN 1996 | |
| PRECIPITATION | NORMAL (IN) | 30 | 0.40 | 0.41 | 0.29 | 0.20 | 0.25 | 0.67 | 1.54 | 1.58 | 1.70 | 0.76 | 0.44 | 0.57 | 8.81 |
| | MAXIMUM MONTHLY (IN) | 58 | 1.84 | 1.69 | 2.26 | 1.42 | 4.22 | 3.18 | 5.53 | 5.57 | 6.68 | 4.31 | 1.63 | 3.29 | 6.68 |
| | YEAR OF OCCURRENCE | | 1949 | 1973 | 1958 | 1983 | 1992 | 1984 | 1968 | 1984 | 1974 | 1945 | 1961 | 1991 | SEP 1974 |
| | MINIMUM MONTHLY (IN) | 58 | 0.00 | 0.00 | T | 0.00 | 0.00 | T | 0.04 | T | T | 0.00 | 0.00 | 0.00 | 0.00 |
| | YEAR OF OCCURRENCE | | 1967 | 1943 | 1996 | 1978 | 1962 | 1990 | 1978 | 1962 | 1959 | 1952 | 1964 | 1955 | APR 1978 |
| | MAXIMUM IN 24 HOURS (IN) | 58 | 0.61 | 0.87 | 1.72 | 1.08 | 2.40 | 1.56 | 2.63 | 2.30 | 2.52 | 1.77 | 1.19 | 1.76 | 2.63 |
| | YEAR OF OCCURRENCE | | 1960 | 1956 | 1941 | 1966 | 1992 | 1986 | 1968 | 1984 | 1958 | 1945 | 1943 | 1987 | JUL 1968 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION ≥ 0.01 | 30 | 4.3 | 3.0 | 2.4 | 1.5 | 2.1 | 3.1 | 7.8 | 8.5 | 6.5 | 4.4 | 3.1 | 3.9 | 50.6 | |
| PRECIPITATION ≥ 1.00 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.4 | 0.0 | 0.0 | * | 1.1 | |
| SNOWFALL | NORMAL (IN) | 30 | 1.1 | 1.0 | 0.3 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.* | 1.4 | 2.2 | 6.6 |
| | MAXIMUM MONTHLY (IN) | 57 | 8.3 | 8.9 | 7.3 | 16.5 | T | T | T | 0.0 | T | 1.0 | 12.7 | 25.9 | 25.9 |
| | YEAR OF OCCURRENCE | | 1949 | 1956 | 1958 | 1983 | 1992 | 1992 | 1990 | 1993 | 1980 | 1976 | 1987 | 1987 | DEC 1987 |
| | MAXIMUM IN 24 HOURS (IN) | 57 | 5.2 | 7.2 | 7.3 | 8.8 | T | T | T | 0.0 | T | 1.0 | 7.8 | 16.8 | 16.8 |
| | YEAR OF OCCURRENCE | | 1992 | 1956 | 1958 | 1983 | 1992 | 1992 | 1990 | 1993 | 1980 | 1961 | 1987 | 1987 | DEC 1987 |
| | MAXIMUM SNOW DEPTH (IN) | 48 | 6 | 7 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 14 | 14 |
| | YEAR OF OCCURRENCE | | 1983 | 1956 | 1958 | 1983 | | | | | 1993 | 1968 | 1987 | 1987 | DEC 1987 |
| NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 30 | 0.4 | 0.4 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.* | 0.5 | 0.6 | 2.1 | |

PRECIPITATION (inches) 1997 EL PASO, TX (ELP)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1968 | 0.47 | 1.11 | 0.85 | 0.10 | T | 0.03 | 5.53 | 1.71 | 0.53 | 0.11 | 1.35 | 0.23 | 12.02 |
| 1969 | 0.05 | 0.08 | 0.17 | T | 0.28 | T | 1.14 | 0.28 | 0.43 | 0.59 | 0.63 | 0.69 | 4.34 |
| 1970 | 0.03 | 0.55 | 0.47 | T | 0.71 | 0.73 | 1.41 | 0.41 | 1.01 | 0.68 | T | 0.06 | 6.06 |
| 1971 | 0.17 | 0.04 | 0.00 | 0.42 | T | 0.01 | 2.34 | 1.59 | 0.96 | 1.07 | 0.14 | 0.50 | 7.24 |
| 1972 | 0.44 | T | T | 0.00 | 0.04 | 1.62 | 0.71 | 2.59 | 1.60 | 1.25 | 0.33 | 0.42 | 9.00 |
| 1973 | 1.23 | 1.69 | 0.60 | 0.00 | 0.29 | 0.71 | 2.12 | 0.73 | 0.01 | 0.07 | 0.08 | T | 7.53 |
| 1974 | 0.27 | T | 0.36 | 0.12 | 0.05 | 0.36 | 2.21 | 0.63 | 6.68 | 1.90 | 0.50 | 0.87 | 13.95 |
| 1975 | 0.70 | 0.59 | 0.19 | T | 0.03 | T | 1.11 | 0.45 | 2.18 | 0.25 | T | 0.71 | 6.21 |
| 1976 | 0.26 | 0.52 | T | 0.30 | 0.74 | 0.50 | 3.17 | 0.23 | 1.70 | 1.20 | 1.20 | 0.32 | 10.14 |
| 1977 | 0.57 | T | 0.17 | 0.09 | 0.06 | 0.04 | 1.09 | 1.36 | 0.16 | 1.65 | 0.05 | 0.26 | 5.50 |
| 1978 | 0.44 | 0.47 | 0.07 | 0.00 | 0.57 | 1.46 | 0.04 | 2.18 | 4.14 | 2.28 | 0.45 | 0.47 | 12.57 |
| 1979 | 0.77 | 0.68 | T | 0.28 | 0.24 | 0.03 | 0.98 | 2.16 | 0.41 | T | 0.04 | 0.25 | 5.84 |
| 1980 | 0.54 | 0.73 | 0.25 | 0.31 | 0.08 | T | 0.21 | 1.76 | 1.90 | 0.95 | 0.54 | 0.04 | 7.31 |
| 1981 | 1.10 | 0.36 | 0.39 | 0.65 | 0.72 | 0.64 | 2.08 | 5.26 | 0.52 | 0.53 | 0.30 | 0.08 | 12.63 |
| 1982 | 0.34 | 0.55 | T | 0.05 | 0.19 | 0.18 | 1.00 | 0.48 | 5.28 | T | 0.29 | 2.61 | 10.97 |
| 1983 | 0.35 | 0.60 | 0.45 | 1.42 | 0.05 | 0.23 | 0.43 | 0.97 | 1.51 | 1.48 | 0.34 | 0.16 | 7.99 |
| 1984 | 0.31 | 0.00 | 0.44 | 0.01 | 0.59 | 3.18 | 0.69 | 5.57 | 0.58 | 3.12 | 0.51 | 1.17 | 16.17 |
| 1985 | 0.95 | 0.19 | 0.59 | 0.07 | 0.01 | 0.10 | 1.32 | 1.46 | 1.47 | 1.82 | 0.13 | 0.05 | 8.16 |
| 1986 | 0.01 | 0.39 | 0.39 | T | 0.83 | 3.05 | 2.66 | 0.70 | 0.85 | 0.45 | 1.42 | 1.42 | 12.17 |
| 1987 | 0.29 | 0.30 | 0.49 | 0.32 | 0.24 | 2.24 | 0.64 | 2.22 | 0.89 | 0.15 | 0.29 | 2.87 | 10.94 |
| 1988 | 0.25 | 0.70 | 0.10 | 0.23 | 0.15 | 0.03 | 3.35 | 3.46 | 1.52 | 0.59 | 0.24 | 0.44 | 11.06 |
| 1989 | 0.11 | 0.72 | 0.62 | T | 0.65 | T | 1.23 | 3.06 | 0.48 | 0.23 | T | 0.16 | 7.26 |
| 1990 | 0.29 | 0.14 | 0.41 | 0.25 | 0.10 | T | 3.96 | 1.98 | 3.46 | 0.58 | 1.34 | 0.34 | 12.85 |
| 1991 | 0.82 | 0.66 | 0.10 | T | 0.23 | 0.01 | 2.69 | 2.06 | 1.82 | 0.20 | 0.50 | 3.29 | 12.38 |
| 1992 | 1.14 | 0.16 | 0.50 | 0.30 | 4.22 | 0.27 | 0.65 | 2.11 | 0.15 | 0.27 | 0.28 | 1.35 | 11.40 |
| 1993 | 1.34 | 0.32 | 0.01 | 0.12 | T | 1.47 | 0.95 | 2.73 | 1.32 | 0.17 | 0.49 | 0.71 | 9.63 |
| 1994 | 0.03 | 0.23 | 0.37 | 0.65 | 0.80 | 0.67 | 0.18 | 0.02 | 0.03 | 0.35 | 0.54 | 1.61 | 5.48 |
| 1995 | 0.26 | 0.88 | 0.42 | 0.04 | 0.01 | 1.74 | 0.28 | 0.76 | 3.18 | T | 0.26 | 0.03 | 7.86 |
| 1996 | 0.11 | 0.19 | T | 0.49 | 0.00 | 2.36 | 1.97 | 1.87 | 1.24 | T | T | 0.00 | T |
| 1997 | 0.38 | 0.29 | 0.64 | 0.43 | 0.52 | 1.11 | 0.91 | 1.41 | 1.55 | 0.19 | 0.79 | 1.41 | 9.63 |
| POR= 119 YRS | 0.44 | 0.41 | 0.33 | 0.25 | 0.37 | 0.65 | 1.59 | 1.50 | 1.30 | 0.69 | 0.40 | 0.51 | 8.44 |

WBAN : 23044

AVERAGE TEMPERATURE (°F) 1997 EL PASO, TX (ELP)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1968 | 42.4 | 50.4 | 53.0 | 61.4 | 73.0 | 81.0 | 79.1 | 76.5 | 72.4 | 65.0 | 51.0 | 41.3 | 62.2 |
| 1969 | 48.6 | 48.4 | 49.4 | 65.8 | 72.1 | 81.5 | 84.9 | 85.7 | 77.1 | 67.7 | 52.5 | 48.6 | 65.2 |
| 1970 | 46.9 | 52.3 | 55.6 | 63.5 | 72.2 | 79.7 | 82.8 | 81.4 | 74.2 | 59.5 | 51.9 | 48.0 | 64.0 |
| 1971 | 44.6 | 48.4 | 58.1 | 62.6 | 72.1 | 81.1 | 82.3 | 77.0 | 73.5 | 62.5 | 52.1 | 44.7 | 63.3 |
| 1972 | 45.2 | 52.3 | 61.2 | 65.2 | 69.8 | 78.3 | 82.2 | 77.7 | 72.9 | 65.7 | 48.8 | 46.6 | 63.8 |
| 1973 | 42.9 | 47.0 | 52.4 | 57.7 | 68.7 | 76.6 | 79.7 | 79.2 | 75.9 | 63.3 | 53.8 | 45.7 | 61.9 |
| 1974 | 44.3 | 44.8 | 59.6 | 65.0 | 75.6 | 82.8 | 79.6 | 77.0 | 69.4 | 63.0 | 49.9 | 41.3 | 62.7 |
| 1975 | 43.1 | 48.9 | 55.1 | 59.7 | 69.8 | 80.9 | 79.8 | 80.9 | 72.2 | 64.0 | 51.5 | 44.2 | 62.5 |
| 1976 | 42.3 | 52.6 | 55.9 | 64.1 | 69.5 | 79.4 | 78.2 | 78.7 | 70.5 | 58.5 | 44.8 | 41.9 | 61.4 |
| 1977 | 44.7 | 47.3 | 49.7 | 61.5 | 70.7 | 81.5 | 82.2 | 82.5 | 77.4 | 64.3 | 53.7 | 49.6 | 63.8 |
| 1978 | 45.4 | 48.8 | 58.6 | 66.1 | 73.6 | 83.4 | 84.5 | 80.0 | 72.3 | 63.6 | 55.8 | 44.6 | 64.7 |
| 1979 | 41.0 | 47.1 | 53.1 | 63.6 | 70.1 | 78.4 | 85.1 | 78.8 | 74.2 | 66.2 | 47.9 | 43.1 | 62.4 |
| 1980 | 46.8 | 50.6 | 54.1 | 60.6 | 70.5 | 86.3 | 87.2 | 82.4 | 75.6 | 60.3 | 49.2 | 48.5 | 64.3 |
| 1981 | 45.2 | 50.3 | 57.2 | 64.8 | 73.6 | 82.6 | 83.6 | 79.5 | 75.9 | 64.6 | 54.3 | 48.7 | 65.0 |
| 1982 | 42.3 | 48.7 | 57.7 | 64.4 | 69.6 | 80.9 | 84.2 | 83.5 | 77.1 | 64.6 | 53.2 | 43.3 | 64.1 |
| 1983 | 41.6 | 49.5 | 54.6 | 56.3 | 68.9 | 77.3 | 82.9 | 81.8 | 78.7 | 66.6 | 54.3 | 45.5 | 63.2 |
| 1984 | 44.4 | 47.0 | 55.7 | 62.0 | 75.0 | 79.5 | 81.1 | 80.4 | 72.9 | 61.4 | 51.6 | 45.7 | 63.1 |
| 1985 | 40.0 | 45.6 | 55.2 | 64.2 | 72.1 | 79.0 | 79.4 | 80.6 | 72.8 | 61.4 | 52.9 | 43.1 | 62.2 |
| 1986 | 44.7 | 52.1 | 55.7 | 67.3 | 71.5 | 77.7 | 80.0 | 80.4 | 74.1 | 62.4 | 49.4 | 42.6 | 63.2 |
| 1987 | 41.3 | 46.2 | 51.2 | 59.7 | 68.6 | 78.1 | 81.6 | 79.1 | 72.1 | 67.0 | 51.4 | 40.5 | 61.4 |
| 1988 | 42.6 | 48.4 | 53.4 | 61.1 | 70.3 | 79.0 | 80.3 | 77.6 | 72.4 | 66.7 | 54.0 | 42.6 | 62.4 |
| 1989 | 43.6 | 51.4 | 58.7 | 67.4 | 74.2 | 81.3 | 81.8 | 79.1 | 73.4 | 63.2 | 53.3 | 41.9 | 64.1 |
| 1990 | 44.1 | 49.1 | 56.1 | 66.4 | 73.1 | 87.1 | 80.2 | 76.8 | 73.9 | 63.4 | 52.9 | 44.8 | 64.0 |
| 1991 | 44.3 | 51.1 | 53.9 | 64.0 | 72.6 | 79.0 | 78.6 | 79.5 | 70.7 | 65.4 | 50.3 | 46.3 | 63.0 |
| 1992 | 44.0 | 50.2 | 58.1 | 67.9 | 70.6 | 81.5 | 85.1 | 81.3 | 77.8 | 66.5 | 48.0 | 44.7 | 64.6 |
| 1993 | 48.5 | 51.4 | 57.9 | 66.7 | 74.6 | 82.7 | 85.2 | 82.5 | 75.8 | 64.4 | 52.3 | 46.9 | 65.7 |
| 1994 | 45.6 | 50.4 | 58.3 | 66.7 | 75.7 | 89.0 | 88.1 | 86.2 | 78.3 | 66.6 | 54.4 | 49.4 | 67.4 |
| 1995 | 47.1 | 56.3 | 59.7 | 65.2 | 74.3 | 80.2 | 83.1 | 82.8 | 74.1 | 65.6 | 55.0 | 47.6 | 65.9 |
| 1996 | 46.5 | 54.5 | 54.6 | 65.5 | 80.1 | 83.5 | 82.9 | 79.6 | 73.5 | 65.5 | T | 46.3 | T |
| 1997 | 44.2 | 48.2 | 58.6 | 61.5 | 74.3 | 81.0 | 82.7 | 81.6 | 78.4 | 63.6 | 52.2 | 40.6 | 63.9 |
| POR= 111 YRS | 44.6 | 49.3 | 55.6 | 63.8 | 72.2 | 80.8 | 82.0 | 80.2 | 74.7 | 64.5 | 51.9 | 45.1 | 63.7 |

HEATING DEGREE DAYS (base 65°F) 1997 EL PASO, TX (ELP)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1968-69 | 0 | 0 | 0 | 61 | 414 | 728 | 503 | 464 | 477 | 43 | 24 | 0 | 2714 |
| 1969-70 | 0 | 0 | 0 | 62 | 371 | 504 | 556 | 348 | 286 | 94 | 33 | 0 | 2254 |
| 1970-71 | 0 | 0 | 39 | 180 | 388 | 519 | 625 | 457 | 254 | 110 | 6 | 0 | 2578 |
| 1971-72 | 0 | 0 | 31 | 112 | 381 | 624 | 607 | 364 | 126 | 56 | 3 | 0 | 2304 |
| 1972-73 | 0 | 0 | 3 | 87 | 480 | 563 | 679 | 499 | 384 | 218 | 31 | 0 | 2944 |
| 1973-74 | 0 | 0 | 7 | 90 | 336 | 592 | 636 | 558 | 178 | 79 | 5 | 0 | 2481 |
| 1974-75 | 0 | 0 | 41 | 107 | 445 | 728 | 672 | 445 | 309 | 188 | 13 | 0 | 2948 |
| 1975-76 | 0 | 0 | 20 | 66 | 399 | 640 | 696 | 351 | 278 | 91 | 26 | 0 | 2567 |
| 1976-77 | 0 | 0 | 7 | 214 | 601 | 709 | 623 | 492 | 469 | 138 | 3 | 0 | 3256 |
| 1977-78 | 0 | 0 | 0 | 56 | 328 | 472 | 603 | 449 | 200 | 57 | 22 | 0 | 2187 |
| 1978-79 | 0 | 0 | 16 | 106 | 272 | 625 | 735 | 494 | 362 | 118 | 26 | 1 | 2755 |
| 1979-80 | 0 | 0 | 24 | 56 | 505 | 670 | 555 | 410 | 331 | 157 | 19 | 0 | 2727 |
| 1980-81 | 0 | 0 | 2 | 203 | 467 | 503 | 607 | 405 | 233 | 82 | 2 | 0 | 2504 |
| 1981-82 | 0 | 0 | 0 | 93 | 313 | 499 | 697 | 449 | 237 | 82 | 17 | 0 | 2387 |
| 1982-83 | 0 | 0 | 0 | 88 | 344 | 668 | 720 | 430 | 316 | 284 | 23 | 0 | 2873 |
| 1983-84 | 0 | 0 | 0 | 52 | 317 | 599 | 633 | 514 | 285 | 126 | 8 | 0 | 2534 |
| 1984-85 | 0 | 0 | 18 | 144 | 404 | 592 | 768 | 537 | 302 | 71 | 5 | 0 | 2841 |
| 1985-86 | 0 | 0 | 10 | 125 | 358 | 670 | 621 | 356 | 283 | 47 | 22 | 0 | 2492 |
| 1986-87 | 0 | 0 | 1 | 116 | 460 | 687 | 725 | 521 | 420 | 173 | 5 | 0 | 3108 |
| 1987-88 | 0 | 0 | 0 | 13 | 405 | 750 | 686 | 474 | 360 | 121 | 16 | 0 | 2825 |
| 1988-89 | 0 | 2 | 2 | 17 | 337 | 684 | 661 | 377 | 208 | 52 | 9 | 0 | 2349 |
| 1989-90 | 0 | 0 | 2 | 108 | 344 | 708 | 640 | 439 | 271 | 45 | 20 | 0 | 2577 |
| 1990-91 | 0 | 2 | 8 | 88 | 354 | 617 | 636 | 383 | 336 | 78 | 3 | 0 | 2505 |
| 1991-92 | 0 | 0 | 26 | 66 | 434 | 576 | 644 | 423 | 209 | 49 | 3 | 0 | 2430 |
| 1992-93 | 0 | 0 | 0 | 21 | 502 | 624 | 504 | 373 | 222 | 53 | 4 | 0 | 2303 |
| 1993-94 | 0 | 0 | 0 | 145 | 375 | 551 | 596 | 401 | 218 | 38 | 0 | 0 | 2324 |
| 1994-95 | 0 | 0 | 0 | 41 | 313 | 475 | 548 | 240 | 185 | 84 | 6 | 0 | 1892 |
| 1995-96 | 0 | 0 | 15 | 31 | 292 | 533 | 562 | 305 | 322 | 89 | 0 | 0 | 2149 |
| 1996-97 | 0 | 0 | 0 | 103 | 313 | 571 | 635 | 467 | 202 | 155 | 0 | 0 | |
| 1997- | 0 | 0 | 0 | 150 | 378 | 746 | | | | | | | |

WBAN : 23044

COOLING DEGREE DAYS (base 65°F) 1997 EL PASO, TX (ELP)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1969 | 0 | 0 | 1 | 71 | 250 | 501 | 627 | 647 | 372 | 155 | 2 | 0 | 2626 |
| 1970 | 0 | 0 | 2 | 57 | 263 | 448 | 559 | 514 | 321 | 19 | 0 | 0 | 2183 |
| 1971 | 0 | 0 | 45 | 45 | 235 | 492 | 543 | 375 | 293 | 43 | 0 | 0 | 2071 |
| 1972 | 0 | 4 | 15 | 70 | 159 | 404 | 543 | 401 | 247 | 120 | 0 | 0 | 1963 |
| 1973 | 0 | 0 | 0 | 7 | 152 | 355 | 459 | 448 | 340 | 44 | 7 | 0 | 1812 |
| 1974 | 0 | 0 | 19 | 84 | 338 | 540 | 459 | 378 | 181 | 54 | 0 | 0 | 2053 |
| 1975 | 0 | 0 | 9 | 35 | 170 | 482 | 469 | 502 | 241 | 41 | 1 | 0 | 1950 |
| 1976 | 0 | 0 | 4 | 71 | 170 | 441 | 418 | 434 | 179 | 18 | 0 | 0 | 1735 |
| 1977 | 0 | 0 | 0 | 39 | 186 | 500 | 540 | 552 | 380 | 43 | 0 | 0 | 2240 |
| 1978 | 0 | 0 | 8 | 98 | 295 | 559 | 612 | 474 | 238 | 70 | 2 | 0 | 2356 |
| 1979 | 0 | 0 | 0 | 84 | 190 | 414 | 630 | 432 | 308 | 99 | 0 | 0 | 2157 |
| 1980 | 0 | 0 | 0 | 34 | 198 | 646 | 693 | 546 | 329 | 63 | 0 | 0 | 2509 |
| 1981 | 0 | 2 | 2 | 84 | 275 | 534 | 586 | 455 | 333 | 89 | 0 | 2 | 2362 |
| 1982 | 0 | 0 | 14 | 70 | 167 | 484 | 602 | 583 | 371 | 82 | 0 | 0 | 2373 |
| 1983 | 0 | 0 | 0 | 32 | 151 | 374 | 564 | 527 | 417 | 108 | 6 | 0 | 2179 |
| 1984 | 0 | 0 | 2 | 44 | 324 | 441 | 507 | 482 | 260 | 38 | 8 | 0 | 2106 |
| 1985 | 0 | 0 | 9 | 55 | 233 | 428 | 457 | 488 | 252 | 18 | 0 | 0 | 1940 |
| 1986 | 0 | 3 | 0 | 122 | 228 | 391 | 474 | 485 | 281 | 41 | 0 | 0 | 2025 |
| 1987 | 0 | 0 | 0 | 22 | 121 | 399 | 521 | 446 | 222 | 83 | 2 | 0 | 1816 |
| 1988 | 0 | 0 | 9 | 15 | 186 | 429 | 478 | 399 | 226 | 76 | 16 | 0 | 1834 |
| 1989 | 0 | 2 | 20 | 130 | 300 | 494 | 530 | 442 | 261 | 60 | 0 | 0 | 2239 |
| 1990 | 0 | 1 | 0 | 96 | 278 | 667 | 480 | 374 | 282 | 43 | 0 | 0 | 2221 |
| 1991 | 0 | 0 | 0 | 55 | 245 | 424 | 428 | 455 | 204 | 88 | 0 | 0 | 1899 |
| 1992 | 0 | 0 | 3 | 144 | 182 | 500 | 628 | 511 | 389 | 75 | 0 | 0 | 2432 |
| 1993 | 0 | 0 | 11 | 110 | 306 | 538 | 632 | 550 | 331 | 132 | 2 | 0 | 2612 |
| 1994 | 0 | 0 | 17 | 92 | 338 | 725 | 722 | 666 | 404 | 100 | 3 | 0 | 3067 |
| 1995 | 0 | 0 | 27 | 97 | 304 | 462 | 567 | 559 | 292 | 58 | 1 | 0 | 2367 |
| 1996 | 0 | 6 | 7 | 112 | 475 | 560 | 561 | 462 | 263 | 125 | 0 | 0 | |
| 1997 | 0 | 0 | 10 | 53 | 298 | 489 | 556 | 518 | 408 | 116 | 0 | 0 | 2448 |

SNOWFALL (inches) 1997 EL PASO, TX (ELP)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|-----|-------|
| 1968-69 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 | T | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 7.0 |
| 1969-70 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 1.9 | 0.3 | 1.7 | T | 0.0 | 0.0 | 0.0 | 9.9 |
| 1970-71 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | T | 0.0 | T | 0.0 | 0.0 | 3.8 |
| 1971-72 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 |
| 1972-73 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 5.3 | 4.6 | T | 0.0 | 0.0 | 0.0 | 9.9 |
| 1973-74 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1974-75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 2.2 | 0.2 | 2.0 | 0.0 | 0.0 | 0.0 | 9.7 |
| 1975-76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.0 | 0.0 | T | T | 0.0 | 0.0 | 1.0 |
| 1976-77 | 0.0 | 0.0 | 0.0 | T | 12.7 | 2.0 | T | T | 0.0 | T | 0.0 | 0.0 | 14.7 |
| 1977-78 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1978-79 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.6 | 0.0 | 2.0 | 0.0 | 0.0 | 5.6 |
| 1980-81 | 0.0 | 0.0 | 0.0 | 1.0 | 4.0 | 0.0 | 4.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.8 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1982-83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 18.2 | T | 0.0 | T | 16.5 | 0.0 | 0.0 | 35.0 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 6.1 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | T | 2.9 | 5.4 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 9.4 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | T | 0.9 | T | 0.0 | 0.0 | 0.0 | 1.8 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 3.4 | 2.8 | 0.6 | 0.0 | 0.0 | 0.0 | 7.4 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.9 | T | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.3 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | 0.3 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 0.0 | T | T | 0.0 | T |
| 1990-91 | T | 0.0 | 0.0 | 0.0 | 4.3 | T | 1.5 | T | T | 0.0 | T | 0.0 | 5.8 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 6.9 | 0.0 | T | 0.0 | T | T | 7.4 |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| 1993-94 | 0.0 | 0.0 | T | 0.8 | 0.0 | 1.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.6 | 0.0 | T | T | 0.0 | 0.0 | 0.0 |
| 1996-97 | | | | | | | | | | | | | |
| 1997- | | | | | | | | | | | | | |
| POR= 56 YRS | T | 0.0 | T | 0.0 | 0.9 | 1.6 | 1.3 | 0.8 | 0.4 | 0.3 | T | T | 5.3 |

WBAN : 23044

REFERENCE NOTES:

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|---|---|
| <p>PAGE 1: 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: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1961 - 1990). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. 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. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. 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. 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: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. 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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> |
|---|---|

1997
EL PASO,
TEXAS (ELP)

The city of El Paso is located in the extreme west point of Texas at an elevation of about 3,700 feet . The National Weather Service station is located on a mesa about 200 feet higher than the city. The climate of the region is characterized by an abundance of sunshine throughout the year, high daytime summer temperatures, very low humidity, scanty rainfall, and a relatively mild winter season. The Franklin Mountains begin within the city limits and extend northward for about 16 miles. Peaks of these mountains range from 4,687 to 7,152 feet above sea level.

Rainfall throughout the year is light, insufficient for any growth except desert vegetation. Irrigation is necessary for crops, gardens, and lawns. Dry periods lasting several months are not unusual. Almost half of the precipitation occurs in the three-month period, July through September, from brief but often heavy thunderstorms. Small amounts of snow fall nearly every winter, but snow cover rarely amounts to more than an inch and seldom remains on the ground for more than a few hours.

Daytime summer temperatures are high, frequently above 90 degrees and occasionally above 100 degrees. Summer nights are usually comfortable, with temperatures in the 60s. It should be noted that when temperatures are high the relative humidity is generally quite low. A 20-year tabulation of observations with temperatures above 90 degrees shows that in April, May, and June the humidity averaged from 10 to 14 percent, while in July, August, and September it averaged 22 to 24 percent. This low humidity aids the efficiency of evaporative air coolers, which are widely used in homes and public buildings and are quite effective in cooling the air to comfortable temperatures.

Winter daytime temperatures are mild. At night they drop below freezing about half the time in December and January. The flat, irrigated land of the Rio Grande Valley in the vicinity of El Paso is noticeably cooler, particularly at night, than the airport or the city proper, both in summer and winter. This results in more comfortable temperatures in summer but increases the severity of freezes in winter. The cooler air in the Valley also causes marked short-period fluctuations of temperature and dewpoint at the airport with changes in wind direction, especially during the early morning hours.

Dust and sandstorms are the most unpleasant features of the weather in El Paso. While wind velocities are not excessively high, the soil surface is dry and loose and natural vegetation is sparse, so moderately strong winds raise considerable dust and sand. A tabulation of duststorms for a period of 20 years shows that they are most frequent in March and April, and comparatively rare in the period July through December. prevailing winds are from the north in winter and the south in summer.

STATION LOCATION

EL PASO, TEXAS

| LOCATION | OCCUPIED FROM | OCCUPIED TO | AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION | LATITUDE NORTH | LONGITUDE WEST | ELEVATION ABOVE | | | | | | | | | | | * Type M = AMOS T = AUTOB S = ASOS W = AWOS | REMARKS | |
|--|---------------|-------------|---|----------------|----------------|-----------------|----------------------------|------------------|----------------------------|---|------------------|---|------------------|----------------------------|-----------------------|------------------|---|---------|---|
| | | | | | | SEA LEVEL | GROUND | | | | | | | | | | | | A U T O M A T I C S T E M |
| | | | | | | | G R O U N D | W I N D | E M E T E R | P R E C I P I T I T A T I O N | S O I L | T E M P E R A T U R E | R A I N | W E T T E R | 8 I N C H | H I G H | | | |
| <u>CITY</u> | | | | | | | | | | | | | | | | | | | |
| San Francisco Street between Santa Fe and El Paso Streets | 11/6/77 | 8/12/80 | NA | 31°47' | 106°30' | 3720 | 22 | 17 | 17 | | | | | | | | | | |
| One door east of above office | 8/12/80 | 11/1/81 | 1 door E | 31°47' | 106°30' | 3720 | 27 | | | | | | | | | | | | |
| Corner San Francisco and Santa Fe Streets | 11/1/81 | 11/1/82 | 0.5 block W | 31°47' | 106°30' | 3720 | 21 | 5 | 5 | | | | | | | | | | |
| State National Bank Building, 1 door W of SW corner San Antonio and Oregon Streets | 11/1/82 | 4/1/88 | 700 ft. E | 31°47' | 106°30' | 3720 | 37 | 21 | 21 | | | | | | | | Maximum temperature too high in early years, due to exposure of thermometers on northwest wall of building. | | |
| Sheldon Hotel, SW corner St. Louis (later Mills) and Oregon Sts. | 4/1/88 | 8/8/94 | 400 ft. NW | 31°47' | 106°30' | 3720 | 80 | 68 | 68 | | 62 | | | 62 | | | | | |
| Government Building SE corner St. Louis and Oregon Streets | 8/8/94 | 12/29/07 | 100 ft. NE | 31°47' | 106°30' | 3720 | 110 | 10 | 10 | | | 2 | | | 2 | | Thermometer shelter and rain gages in San Jacinto Plaza. | | |
| El Paso & Southwestern Building, SE corner Stanton & Franklin Sts. | 12/29/07 | 6/30/25 | 1100 ft. NNE | 31°47' | 106°30' | 3731 | 133 | 111 | 110 | | | 102 | | | 102 | | | | |
| Mills Building, NW corner Oregon and Mills Streets | 7/1/25 | 4/28/36 | 1100 ft. SSW | 31°47' | 106°30' | 3720 | 175 | 153 | 152 | | | | | | 145 | | | | |
| U.S. Court House, NE corner San Antonio and Kansas Streets | 4/28/36 | 12/19/42 | 1500 ft. E | 31°47' | 106°30' | 3711 | 101 | 82 | 82 | | | 75 | | | 75 | | Consolidated at airport. | | |
| <u>AIRPORT</u> | | | | | | | | | | | | | | | | | | | |
| American Airlines Adm. Building, Municipal AP | 11/20/31 | 12/14/42 | NA | 31°48' | 106°24' | 3913 | 54 | 6 | 6 | NA | NA | 3 | | 3 | NA | NA | a - Moved to roof 5/7/44. b - Moved 3' SW 4/23/59. c - Commissioned 4000' N of thermometer site 9/1/60. d - Effective 9/1/60. e - Moved to a site 4000' N of office 5/1/61. f - Not moved 4/1/64. g - Effective 11/20/70. h - Effective 4/10/78. i - Moved 1.6 mi. W 9/20/78. j - Type change 11/13/84. k - Moved to ground 11/19/87. m - Moved 30' SE 11/19/87. S ASOS Commissioned 06/01/95 | | |
| Administration Building International Airport | 12/14/42 | 4/1/64 | 2000 ft. E | 31°48' | 106°24' | 3920 d3918 | 85 e20 | 5 a37 b32 | 5 a37 b31 | Unk | 3 a29 | 3 a30 | 3 a29 | NA c5 | NA | NA | | | |
| FAA-WB Building + International Airport + FAA-NWS Building (Effective 1970) | 4/1/64 | Present | 0.3 mi. SE | 31°48' | 106°24' | 3918 | f20 i32 | NA h26 k5 | 27 h26 k5 | 27 g30 h27 m27 | 25 h24 m24 | 26 m26 | 25 h24 m24 | f5 i5 j5 | NA | NA | | | |

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801. INQUIRIES/COMMENTS CALL: (704) 271-4800

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