

1999

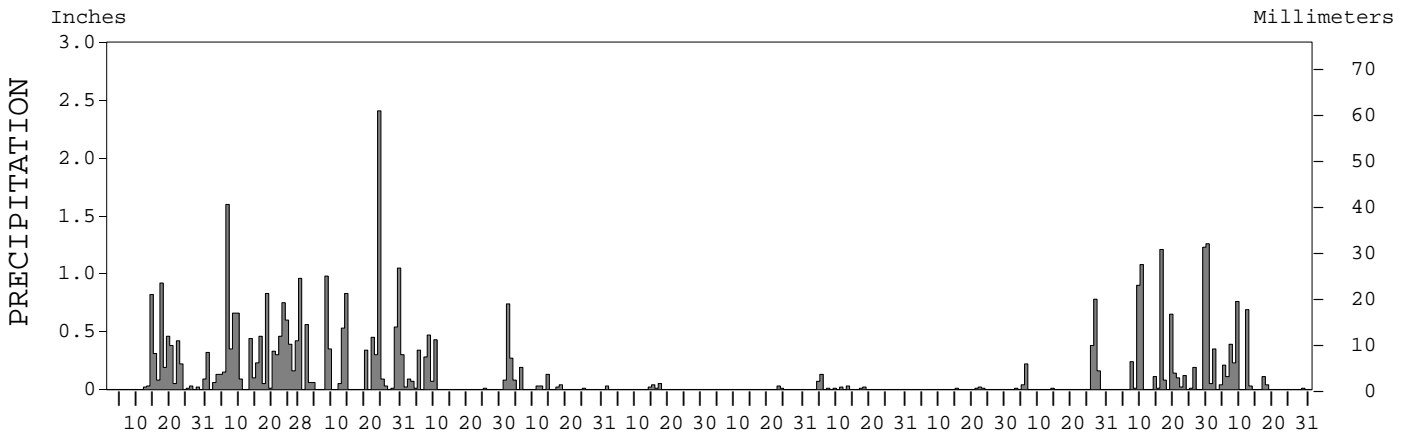
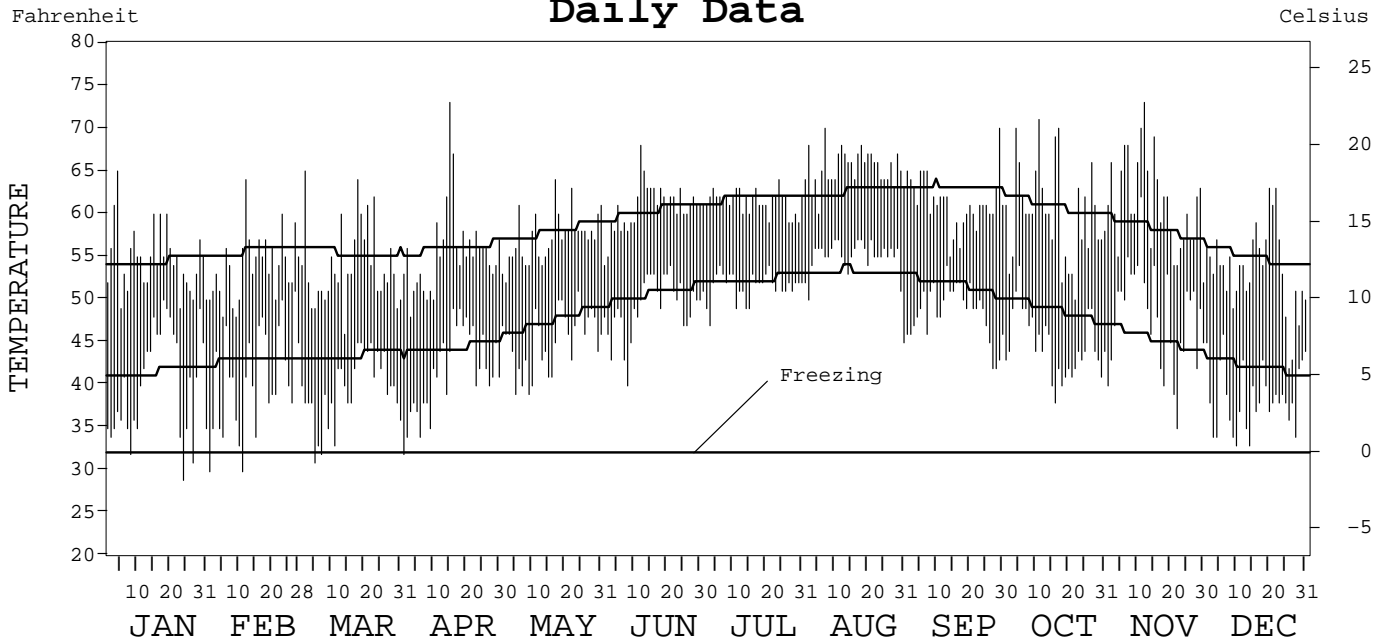
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-0882

EUREKA,
CALIFORNIA (EKA)

Daily Data



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Thomas R. Karl

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|---|---|---|---|---|

METEOROLOGICAL DATA FOR 1999

EUREKA, CA (EKA)

LATITUDE: 40° 48' 0 " N LONGITUDE: 124° 09' 0 " W ELEVATION (FT): GRND: 19 BARO: 20 TIME ZONE: PACIFIC (UTC + 8) WBAN: 24213

| | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------|--|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 54.6 | 53.9 | 54.0 | 55.6 | 57.3 | 60.8 | 61.4 | 65.4 | 61.3 | 60.1 | 61.3 | 53.5 | 58.3 | |
| | HIGHEST DAILY MAXIMUM | 65 | 64 | 65 | 73 | 64 | 68 | 64 | 70 | 71 | 73 | 63 | 73 | 73 | |
| | DATE OF OCCURRENCE | 04 | 12 | 02 | 15 | 17 | 12 | 24 | 07 | 29 | 11 | 12 | 22+ | NOV 12 | |
| | MEAN DAILY MINIMUM | 40.1 | 40.6 | 39.5 | 41.6 | 45.2 | 49.1 | 51.6 | 54.7 | 48.5 | 44.8 | 48.0 | 38.5 | 45.2 | |
| | LOWEST DAILY MINIMUM | 29 | 30 | 31 | 32 | 39 | 40 | 47 | 45 | 42 | 38 | 35 | 33 | 29 | |
| | DATE OF OCCURRENCE | 24 | 11+ | 05 | 01 | 09+ | 08 | 03 | 31 | 28+ | 16 | 22 | 14+ | JAN 24 | |
| | AVERAGE DRY BULB | 47.4 | 47.3 | 46.8 | 48.6 | 51.3 | 55.0 | 56.5 | 60.1 | 54.9 | 52.5 | 54.7 | 46.0 | 51.8 | |
| | MEAN WET BULB | | | | | | | | | | | | | | |
| | MEAN DEW POINT | | | | | | | | | | | | | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MAXIMUM ≤ 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MINIMUM ≤ 32° | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | |
| MINIMUM ≤ 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| H/C | HEATING DEGREE DAYS | 541 | 490 | 556 | 485 | 417 | 296 | 254 | 146 | 295 | 382 | 303 | 580 | 4745 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | |
| RH | MEAN (PERCENT) | | | | | | | | | | | | | | |
| | HOUR 04 LST | | | | | | | | | | | | | | |
| | HOUR 10 LST | | | | | | | | | | | | | | |
| | HOUR 16 LST | | | | | | | | | | | | | | |
| | HOUR 22 LST | | | | | | | | | | | | | | |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 3 | 0 | 0 | 2 | 0 | 3 | 0 | 2 | 3 | 14 | 5 | 5 | 37 | |
| | THUNDERSTORMS | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| CLOUDINESS | AVG. SKY COVER (OKTAS) | 6 | 7 | 6 | 5 | 5 | | 5 | 6 | 4 | 5 | 6 | 5 | | |
| | SUNRISE - SUNSET | | | | | | | | | | | | | | |
| | MIDNIGHT - MIDNIGHT | | | | | | | | | | | | | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | CLEAR | 5 | 0 | 3 | 8 | 11 | 3 | 8 | 1 | 8 | 7 | 2 | 6 | 62 | |
| PARTLY CLOUDY | 9 | 5 | 11 | 13 | 6 | 14 | 9 | 13 | 12 | 11 | 10 | 11 | 124 | | |
| CLOUDY | 17 | 23 | 17 | 9 | 14 | 12 | 14 | 17 | 10 | 13 | 18 | 14 | 178 | | |
| PR | MEAN STATION PRESS. (IN.) | | | | | | | | | | | | | | |
| | MEAN SEA-LEVEL PRESS. (IN.) | | | | | | | | | | | | | | |
| WINDS | RESULTANT SPEED (MPH) | | | | | | | | | | | | | | |
| | RES. DIR. (TENS OF DEGS.) | | | | | | | | | | | | | | |
| | MEAN SPEED (MPH) | | | | | | | | | | | | | | |
| | PREVAIL.DIR.(TENS OF DEGS.) | | | | | | | | | | | | | | |
| | MAXIMUM 2-MINUTE WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | | | | | | | | | | | | | | |
| | DIR. (TENS OF DEGS.) | | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| | PEAK GUST : | | | | | | | | | | | | | | |
| | SPEED (MPH) | | | | | | | | | | | | | | |
| DIR. (TENS OF DEGS.) | | | | | | | | | | | | | | | |
| DATE OF OCCURRENCE | | | | | | | | | | | | | | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.37 | 10.32 | 8.94 | 1.79 | 1.62 | 0.15 | 0.04 | 0.30 | 0.05 | 1.60 | 7.36 | 3.02 | 39.56 | |
| | GREATEST 24-HOUR (IN.) | 0.97 | 1.60 | 2.41 | 0.71 | 0.79 | 0.06 | 0.04 | 0.13 | 0.03 | 0.94 | 1.98 | 1.28 | 2.41 | |
| | DATE OF OCCURRENCE | 17-18 | 06 | 24 | 07-08 | 02-03 | 16-17 | 23-24 | 05 | 22-23 | 27-28 | 09-10 | 30-01 | MAR 24 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION ≥ 0.01 | 17 | 25 | 18 | 10 | 11 | 5 | 2 | 8 | 4 | 7 | 17 | 13 | 137 | | |
| PRECIPITATION ≥ 0.10 | 9 | 21 | 12 | 4 | 4 | 0 | 0 | 1 | 0 | 4 | 12 | 8 | 75 | | |
| PRECIPITATION ≥ 1.00 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 7 | | |
| SNOWFALL | SNOW, ICE PELLETS, HAIL: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | T | T | 0.6 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.6 | |
| | GREATEST 24-HOUR (IN.) | T | T | 0.6 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.6 | |
| | DATE OF OCCURRENCE | 23 | 25+ | 31 | 03 | | | | | | | | 07 | MAR 31 | |
| | MAXIMUM SNOW DEPTH (IN.) | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| | DATE OF OCCURRENCE | | | 31 | | | | | | | | | | MAR 31 | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

NORMALS, MEANS, AND EXTREMES

EUREKA, CA (EKA)

LATITUDE: 40° 48' 0 " N LONGITUDE: 124° 09' 0 " W ELEVATION (FT): GRND: 19 BARO: 20 TIME ZONE: PACIFIC (UTC + 8) WBAN: 24213

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|-----------------------|-----------------------------|-----|-------|-------|-------|-------|------|------|------|------|------|-------|-------|----------|----------|--|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 54.4 | 55.6 | 55.4 | 55.9 | 57.9 | 60.3 | 61.8 | 62.6 | 63.0 | 60.8 | 58.1 | 54.8 | 58.4 | |
| | MEAN DAILY MAXIMUM | 58 | 54.3 | 55.2 | 55.2 | 56.1 | 58.1 | 60.4 | 61.6 | 62.5 | 62.7 | 60.8 | 58.0 | 54.9 | 58.3 | |
| | HIGHEST DAILY MAXIMUM | 89 | 78 | 85 | 78 | 80 | 84 | 85 | 76 | 82 | 86 | 87 | 78 | 77 | 87 | |
| | YEAR OF OCCURRENCE | | 1986 | 1930 | 1914 | 1989 | 1939 | 1945 | 1992 | 1991 | 1983 | 1993 | 1987 | 1963 | OCT 1993 | |
| | MEAN OF EXTREME MAXS. | 58 | 65.3 | 66.4 | 65.4 | 66.1 | 68.4 | 68.2 | 67.7 | 69.7 | 73.3 | 73.8 | 68.2 | 64.8 | 68.1 | |
| | NORMAL DAILY MINIMUM | 30 | 41.5 | 42.9 | 43.4 | 44.3 | 47.5 | 50.6 | 52.3 | 53.1 | 51.6 | 48.6 | 45.2 | 42.0 | 46.9 | |
| | MEAN DAILY MINIMUM | 58 | 41.4 | 42.7 | 43.0 | 44.6 | 47.8 | 50.6 | 52.3 | 53.0 | 51.5 | 48.5 | 45.1 | 41.9 | 46.9 | |
| | LOWEST DAILY MINIMUM | 89 | 25 | 27 | 29 | 32 | 36 | 40 | 45 | 44 | 41 | 32 | 29 | 21 | 21 | |
| | YEAR OF OCCURRENCE | | 1937 | 1990 | 1917 | 1999 | 1954 | 1999 | 1924 | 1935 | 1946 | 1971 | 1994 | 1972 | DEC 1972 | |
| | MEAN OF EXTREME MINS. | 58 | 31.7 | 33.4 | 34.7 | 37.3 | 41.0 | 45.5 | 48.2 | 49.0 | 45.6 | 40.7 | 35.6 | 32.2 | 39.6 | |
| | NORMAL DRY BULB | 30 | 48.0 | 49.3 | 49.4 | 50.2 | 52.8 | 55.5 | 57.0 | 57.9 | 57.3 | 54.7 | 51.7 | 48.4 | 52.7 | |
| | MEAN DRY BULB | 58 | 47.9 | 49.0 | 49.1 | 50.3 | 53.0 | 55.5 | 56.9 | 57.8 | 57.1 | 54.7 | 51.5 | 48.4 | 52.6 | |
| | MEAN WET BULB | | | | | | | | | | | | | | | |
| | MEAN DEW POINT | | | | | | | | | | | | | | | |
| NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 30 | 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 | | |
| MAXIMUM ≤ 32° | 30 | 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 | | |
| MINIMUM ≤ 32° | 30 | 1.6 | 0.9 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.4 | 1.9 | 5.0 | | |
| MINIMUM ≤ 0° | 30 | 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 | | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 527 | 440 | 484 | 444 | 378 | 285 | 248 | 223 | 234 | 319 | 399 | 515 | 4496 | |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RH | NORMAL (PERCENT) | | | | | | | | | | | | | | | |
| | HOUR 04 LST | | | | | | | | | | | | | | | |
| | HOUR 10 LST | | | | | | | | | | | | | | | |
| | HOUR 16 LST | | | | | | | | | | | | | | | |
| | HOUR 22 LST | | | | | | | | | | | | | | | |
| S | PERCENT POSSIBLE SUNSHINE | 84 | 43 | 46 | 52 | 57 | 58 | 59 | 55 | 51 | 55 | 50 | 44 | 41 | 51 | |
| W/O | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 76 | 4.0 | 2.7 | 1.9 | 1.6 | 1.2 | 2.1 | 3.5 | 5.4 | 7.5 | 9.6 | 6.0 | 4.3 | 49.8 | |
| | THUNDERSTORMS | 76 | 0.7 | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.4 | 0.6 | 0.6 | 4.5 | |
| CLOUDINESS | MEAN: | | | | | | | | | | | | | | | |
| | SUNRISE-SUNSET (OKTAS) | 55 | 5.8 | 5.9 | 5.8 | 5.6 | 5.4 | 5.2 | 5.1 | 5.3 | 4.8 | 5.1 | 5.7 | 5.6 | 5.4 | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 2 | 2.6 | 3.2 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 | 0.0 | 2.8 | 2.4 | 0.0 | 2.4 | 1.3 | |
| | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | | |
| | CLEAR | 89 | 5.9 | 5.1 | 5.6 | 6.1 | 6.4 | 7.2 | 6.5 | 5.4 | 8.6 | 8.0 | 6.1 | 6.3 | 77.2 | |
| | PARTLY CLOUDY | 89 | 6.2 | 5.8 | 7.8 | 8.4 | 9.9 | 9.7 | 10.7 | 10.8 | 8.6 | 8.4 | 6.6 | 6.4 | 99.3 | |
| | CLOUDY | 89 | 19.0 | 17.4 | 17.7 | 15.5 | 14.7 | 13.1 | 13.4 | 14.3 | 12.5 | 14.2 | 16.9 | 17.9 | 186.6 | |
| PR | MEAN STATION PRESSURE (IN) | | | | | | | | | | | | | | | |
| | MEAN SEA-LEVEL PRES. (IN) | | | | | | | | | | | | | | | |
| WINDS | MEAN SPEED (MPH) | 54 | 6.9 | 7.2 | 7.6 | 8.0 | 7.9 | 7.4 | 6.8 | 5.8 | 5.5 | 5.6 | 6.0 | 6.4 | 6.8 | |
| | PREVAIL. DIR (TENS OF DEGS) | | | | | | | | | | | | | | | |
| | FASTEST MILE: | | | | | | | | | | | | | | | |
| | SPEED (MPH) | 84 | 54 | 48 | 48 | 49 | 40 | 39 | 35 | 34 | 44 | 56 | 55 | 56 | 56 | |
| | DIR. | | S | SW | SW | N | NW | NW | N | N | N | SW | S | S | SW | |
| | YEAR OF OCCURRENCE | | 1955 | 1960 | 1953 | 1915 | 1955 | 1949 | 1986 | 1920 | 1941 | 1962 | 1981 | 1931 | OCT 1962 | |
| | PEAK GUST: | | | | | | | | | | | | | | | |
| | SPEED (MPH) | | | | | | | | | | | | | | | |
| | DIR. (TENS OF DEGS) | | | | | | | | | | | | | | | |
| | YEAR OF OCCURRENCE | | | | | | | | | | | | | | | |
| PRECIPITATION | NORMAL (IN) | 30 | 6.00 | 4.73 | 5.32 | 2.88 | 1.44 | 0.51 | 0.13 | 0.48 | 0.89 | 2.67 | 6.44 | 6.04 | 37.53 | |
| | MAXIMUM MONTHLY (IN) | 89 | 13.92 | 13.95 | 13.97 | 10.68 | 6.05 | 2.57 | 1.34 | 3.42 | 3.56 | 13.04 | 16.58 | 21.26 | 21.26 | |
| | YEAR OF OCCURRENCE | | 1969 | 1998 | 1938 | 1963 | 1960 | 1954 | 1916 | 1983 | 1925 | 1950 | 1973 | 1996 | DEC 1996 | |
| | MINIMUM MONTHLY (IN) | 89 | 0.66 | 0.50 | 0.07 | 0.31 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | T | 0.52 | 0.00 | |
| | YEAR OF OCCURRENCE | | 1985 | 1923 | 1926 | 1956 | 1955 | 1917 | 1967 | 1940 | 1929 | 1917 | 1967 | 1976 | JUL 1967 | |
| | MAXIMUM IN 24 HOURS (IN) | 89 | 4.42 | 4.88 | 4.02 | 2.56 | 2.23 | 1.73 | 1.67 | 2.21 | 1.54 | 5.83 | 5.21 | 4.86 | 5.83 | |
| | YEAR OF OCCURRENCE | | 1912 | 1959 | 1975 | 1983 | 1943 | 1943 | 1916 | 1983 | 1977 | 1950 | 1998 | 1996 | OCT 1950 | |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| | PRECIPITATION ≥ 0.01 | 30 | 14.3 | 13.8 | 16.2 | 11.4 | 7.6 | 5.0 | 2.1 | 3.0 | 4.2 | 8.7 | 15.1 | 15.4 | 116.8 | |
| | PRECIPITATION ≥ 1.00 | 30 | 1.6 | 0.9 | 0.8 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.5 | 1.7 | 1.3 | 7.5 | |
| SNOWFALL | NORMAL (IN) | 30 | 0.1 | 0.2 | 0.* | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.* | 0.1 | 0.4 | |
| | MAXIMUM MONTHLY (IN) | 89 | 3.0 | 3.5 | 1.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.9 | 3.5 | |
| | YEAR OF OCCURRENCE | | 1935 | 1989 | 1966 | 1995 | | | | | | | 1977 | 1972 | FEB 1989 | |
| | MAXIMUM IN 24 HOURS (IN) | 89 | 3.0 | 2.0 | 1.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.9 | 3.0 | |
| | YEAR OF OCCURRENCE | | 1935 | 1989 | 1966 | 1995 | | | | | | | 1977 | 1972 | JAN 1935 | |
| | MAXIMUM SNOW DEPTH (IN) | 57 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| | YEAR OF OCCURRENCE | | 1989 | 1999 | | | | | | | | | | MAR 1999 | | |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| | SNOWFALL ≥ 1.0 | 30 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | |

PRECIPITATION (inches) 1999 EUREKA, CA (EKA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|--------|
| 1970 | 12.46 | 3.15 | 2.70 | 1.54 | 1.38 | 0.29 | T | T | 0.32 | 2.11 | 13.20 | 10.24 | 47.39 |
| 1971 | 5.41 | 3.28 | 7.91 | 2.92 | 1.28 | 1.51 | 0.16 | 0.55 | 2.08 | 0.92 | 6.36 | 6.38 | 38.76 |
| 1972 | 7.96 | 5.93 | 5.08 | 2.27 | 1.11 | 0.88 | 0.01 | 0.07 | 1.06 | 1.97 | 5.41 | 7.42 | 39.17 |
| 1973 | 6.47 | 3.85 | 7.10 | 0.35 | 0.85 | 0.23 | T | 0.08 | 2.35 | 4.14 | 16.58 | 7.02 | 49.02 |
| 1974 | 6.02 | 5.98 | 6.98 | 3.15 | 0.42 | 0.33 | 0.11 | 0.32 | T | 1.76 | 2.75 | 6.40 | 34.22 |
| 1975 | 5.20 | 7.68 | 10.73 | 3.29 | 1.05 | 0.58 | 0.10 | 0.58 | 0.01 | 6.77 | 4.72 | 5.38 | 46.09 |
| 1976 | 1.88 | 7.51 | 3.12 | 2.80 | 0.54 | 0.14 | 0.20 | 1.70 | 0.04 | 0.28 | 2.98 | 0.52 | 21.71 |
| 1977 | 1.90 | 2.24 | 4.33 | 1.20 | 2.10 | 0.07 | T | 0.20 | 3.35 | 2.79 | 4.51 | 6.60 | 29.29 |
| 1978 | 4.52 | 6.06 | 2.88 | 4.10 | 0.82 | 0.34 | 0.03 | 0.59 | 2.72 | 0.04 | 2.39 | 1.16 | 25.65 |
| 1979 | 3.82 | 6.26 | 1.70 | 3.94 | 2.25 | 0.05 | 0.31 | 0.13 | 1.15 | 6.14 | 6.19 | 3.75 | 35.69 |
| 1980 | 3.19 | 4.67 | 6.14 | 4.18 | 1.70 | 0.42 | T | 0.07 | 0.14 | 1.38 | 2.49 | 6.10 | 30.48 |
| 1981 | 7.67 | 3.72 | 4.64 | 0.71 | 2.02 | 0.57 | T | 0.01 | 0.97 | 3.71 | 9.39 | 9.88 | 43.29 |
| 1982 | 4.75 | 5.76 | 7.06 | 5.97 | 0.07 | 0.78 | 0.08 | 0.03 | 0.62 | 4.89 | 7.83 | 10.30 | 48.14 |
| 1983 | 8.48 | 9.18 | 10.73 | 5.47 | 1.12 | 0.65 | 0.89 | 3.42 | 0.87 | 1.87 | 10.40 | 14.13 | 67.21 |
| 1984 | 0.76 | 5.18 | 4.70 | 2.76 | 2.51 | 1.07 | 0.03 | 0.05 | 0.55 | 3.67 | 15.15 | 4.27 | 40.70 |
| 1985 | 0.66 | 3.69 | 4.68 | 0.45 | 1.14 | 0.89 | 0.15 | 0.52 | 1.06 | 4.07 | 2.98 | 2.78 | 23.07 |
| 1986 | 7.19 | 10.08 | 6.12 | 1.46 | 2.34 | 0.21 | 0.02 | T | 2.70 | 1.75 | 1.85 | 3.83 | 37.55 |
| 1987 | 6.48 | 3.38 | 6.10 | 1.15 | 0.41 | 0.26 | 0.20 | 0.06 | 0.02 | 1.05 | 4.23 | 10.92 | 34.26 |
| 1988 | 7.13 | 0.54 | 1.18 | 2.06 | 2.70 | 2.22 | 0.05 | T | 0.12 | 0.41 | 8.93 | 6.26 | 31.60 |
| 1989 | 4.71 | 2.88 | 7.63 | 2.01 | 1.67 | 0.21 | 0.08 | 0.13 | 0.85 | 2.90 | 1.60 | 0.80 | 25.47 |
| 1990 | 7.20 | 4.50 | 3.30 | 1.41 | 3.74 | 0.32 | 0.22 | 0.71 | 0.19 | 1.73 | 3.07 | 2.95 | 29.34 |
| 1991 | 1.65 | 2.75 | 6.94 | 2.52 | 2.16 | 0.26 | 1.13 | 0.37 | T | 1.06 | 1.95 | 2.36 | 23.15 |
| 1992 | 3.99 | 3.80 | 3.51 | 2.42 | 0.06 | 1.27 | 0.25 | 0.01 | 0.33 | 2.08 | 2.21 | 9.33 | 29.26 |
| 1993 | 7.15 | 5.93 | 4.72 | 5.94 | 4.44 | 1.23 | 0.37 | 0.54 | 0.03 | 0.56 | 1.35 | 7.12 | 39.38 |
| 1994 | 5.09 | 7.12 | 2.06 | 3.30 | 1.10 | 0.71 | 0.08 | T | 0.06 | 0.54 | 8.21 | 7.00 | 35.27 |
| 1995 | 12.74 | 1.40 | 11.18 | 7.47 | 1.21 | 1.85 | 0.08 | 0.22 | 0.69 | 0.53 | 2.26 | 11.56 | 51.19 |
| 1996 | 10.74 | 8.11 | 3.51 | 4.64 | 2.40 | 0.05 | 0.03 | T | 1.21 | 3.50 | 5.16 | 21.26 | 60.61 |
| 1997 | 8.81 | 2.55 | 2.73 | 3.06 | 0.90 | 1.25 | T | 0.84 | 2.05 | 2.73 | 7.39 | 4.73 | 37.04 |
| 1998 | 13.42 | 13.95 | 7.83 | 2.23 | 3.12 | 0.33 | 0.16 | 0.01 | 0.08 | 3.06 | 14.09 | 5.40 | 63.68 |
| 1999 | 4.37 | 10.32 | 8.94 | 1.79 | 1.62 | 0.15 | 0.04 | 0.30 | 0.05 | 1.60 | 7.36 | 3.02 | 39.56 |
| POR= 113 YRS | 6.73 | 5.76 | 5.32 | 3.05 | 1.85 | 0.71 | 0.10 | 0.21 | 0.79 | 2.60 | 5.42 | 6.38 | 38.92 |

WBAN : 24213

AVERAGE TEMPERATURE (°F) 1999 EUREKA, CA (EKA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1970 | 52.1 | 51.4 | 49.9 | 47.4 | 52.3 | 54.3 | 54.8 | 55.3 | 55.7 | 52.6 | 53.5 | 47.4 | 52.2 |
| 1971 | 45.7 | 46.3 | 47.1 | 48.1 | 50.6 | 54.3 | 55.2 | 60.0 | 56.7 | 50.6 | 49.4 | 45.0 | 50.8 |
| 1972 | 44.6 | 49.0 | 51.2 | 49.1 | 51.2 | 54.6 | 57.8 | 58.2 | 55.8 | 54.2 | 51.8 | 45.7 | 51.9 |
| 1973 | 47.3 | 50.7 | 47.4 | 50.1 | 52.0 | 55.1 | 55.6 | 54.8 | 57.1 | 52.1 | 51.4 | 51.2 | 52.1 |
| 1974 | 46.7 | 46.1 | 50.1 | 49.7 | 51.1 | 54.1 | 57.7 | 57.7 | 55.6 | 53.2 | 51.2 | 48.7 | 51.8 |
| 1975 | 45.8 | 48.0 | 47.6 | 46.5 | 51.4 | 53.2 | 56.9 | 55.3 | 55.2 | 54.2 | 48.5 | 47.4 | 50.8 |
| 1976 | 46.4 | 46.9 | 45.7 | 48.4 | 51.1 | 52.8 | 57.5 | 57.9 | 56.2 | 54.4 | 52.2 | 47.4 | 51.4 |
| 1977 | 47.4 | 50.5 | 46.2 | 49.2 | 51.5 | 54.2 | 55.1 | 58.3 | 57.1 | 53.8 | 51.2 | 51.0 | 52.1 |
| 1978 | 51.8 | 50.3 | 53.5 | 51.0 | 53.3 | 56.0 | 55.9 | 57.0 | 57.6 | 54.9 | 48.0 | 43.3 | 52.7 |
| 1979 | 46.6 | 48.0 | 50.0 | 51.0 | 52.7 | 54.0 | 58.1 | 59.4 | 62.3 | 57.3 | 52.4 | 51.8 | 53.6 |
| 1980 | 48.3 | 53.5 | 48.6 | 51.9 | 52.3 | 55.5 | 57.3 | 55.0 | 56.6 | 54.3 | 51.3 | 51.2 | 53.0 |
| 1981 | 52.5 | 51.3 | 50.2 | 50.6 | 53.3 | 56.5 | 55.2 | 58.1 | 57.9 | 54.3 | 53.6 | 52.1 | 53.8 |
| 1982 | 44.9 | 49.5 | 48.3 | 50.8 | 52.8 | 56.3 | 58.3 | 59.6 | 58.7 | 57.3 | 52.1 | 49.6 | 53.2 |
| 1983 | 51.3 | 53.4 | 53.4 | 51.8 | 54.4 | 58.0 | 60.5 | 61.9 | 60.7 | 57.9 | 53.6 | 50.6 | 55.6 |
| 1984 | 49.4 | 50.0 | 52.8 | 51.3 | 55.0 | 55.2 | 57.6 | 60.2 | 58.3 | 55.3 | 52.1 | 46.8 | 53.7 |
| 1985 | 48.4 | 47.9 | 47.4 | 51.6 | 53.9 | 56.6 | 58.6 | 58.5 | 56.7 | 54.5 | 46.6 | 47.7 | 52.4 |
| 1986 | 54.3 | 52.7 | 53.1 | 50.7 | 53.9 | 59.0 | 57.4 | 57.2 | 57.2 | 55.6 | 53.5 | 51.3 | 54.7 |
| 1987 | 49.1 | 51.4 | 52.7 | 54.2 | 56.6 | 57.7 | 59.5 | 58.5 | 57.3 | 57.8 | 54.8 | 49.7 | 54.9 |
| 1988 | 50.4 | 50.2 | 50.3 | 52.8 | 56.3 | 57.7 | 58.8 | 57.7 | 55.8 | 55.2 | 53.3 | 47.7 | 53.9 |
| 1989 | 46.0 | 45.6 | 51.8 | 54.6 | 55.9 | 57.6 | 59.4 | 59.3 | 56.6 | 54.9 | 52.6 | 49.2 | 53.6 |
| 1990 | 48.3 | 45.5 | 50.2 | 52.8 | 54.0 | 58.2 | 59.8 | 60.4 | 61.6 | 54.3 | 49.7 | 42.8 | 53.1 |
| 1991 | 47.8 | 52.8 | 48.1 | 50.9 | 52.2 | 53.8 | 57.3 | 59.9 | 57.2 | 56.1 | 51.4 | 48.3 | 53.0 |
| 1992 | 50.3 | 53.9 | 54.1 | 56.4 | 56.7 | 58.3 | 60.6 | 59.1 | 57.5 | 58.0 | 51.7 | 46.9 | 55.3 |
| 1993 | 46.4 | 49.4 | 53.4 | 53.6 | 57.9 | 57.9 | 57.4 | 59.8 | 55.8 | 56.9 | 49.9 | 49.5 | 54.0 |
| 1994 | 50.5 | 48.5 | 51.1 | 52.8 | 55.5 | 57.0 | 57.1 | 61.4 | 59.6 | 54.4 | 45.6 | 46.7 | 53.4 |
| 1995 | 52.4 | 51.7 | 50.4 | 51.1 | 53.7 | 56.0 | 60.2 | 58.4 | 60.3 | 54.9 | 53.9 | 52.0 | 54.6 |
| 1996 | 49.5 | 52.3 | 50.7 | 52.9 | 53.7 | 55.5 | 57.4 | 58.1 | 55.8 | 54.5 | 51.3 | 50.9 | 53.6 |
| 1997 | 48.5 | 47.9 | 49.5 | 51.4 | 57.8 | 57.8 | 59.5 | 61.4 | 62.2 | 55.1 | 53.4 | 47.7 | 54.4 |
| 1998 | 52.0 | 50.1 | 50.2 | 50.4 | 53.9 | 56.7 | 58.5 | 58.8 | 57.4 | 55.0 | 51.7 | 44.6 | 53.3 |
| 1999 | 47.4 | 47.3 | 46.8 | 48.6 | 51.3 | 55.0 | 56.5 | 60.1 | 54.9 | 52.5 | 54.7 | 46.0 | 51.8 |
| POR= 113 YRS | 47.5 | 48.3 | 48.8 | 50.3 | 52.7 | 55.1 | 56.3 | 56.9 | 56.5 | 54.2 | 51.3 | 48.3 | 52.2 |

HEATING DEGREE DAYS (base 65°F) 1999 EUREKA, CA (EKA)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1970-71 | 308 | 292 | 274 | 379 | 338 | 539 | 590 | 518 | 548 | 502 | 438 | 318 | 5044 |
| 1971-72 | 299 | 154 | 242 | 440 | 463 | 612 | 624 | 456 | 422 | 472 | 423 | 306 | 4913 |
| 1972-73 | 217 | 204 | 269 | 328 | 389 | 590 | 542 | 395 | 537 | 439 | 393 | 293 | 4596 |
| 1973-74 | 287 | 308 | 230 | 393 | 399 | 419 | 559 | 523 | 455 | 454 | 423 | 321 | 4771 |
| 1974-75 | 222 | 220 | 274 | 360 | 407 | 501 | 587 | 469 | 532 | 547 | 417 | 347 | 4883 |
| 1975-76 | 244 | 290 | 286 | 328 | 486 | 542 | 569 | 516 | 590 | 490 | 424 | 360 | 5125 |
| 1976-77 | 226 | 213 | 258 | 324 | 375 | 535 | 537 | 400 | 577 | 468 | 415 | 317 | 4645 |
| 1977-78 | 302 | 200 | 231 | 342 | 408 | 427 | 403 | 404 | 347 | 415 | 357 | 264 | 4100 |
| 1978-79 | 274 | 241 | 215 | 307 | 503 | 667 | 562 | 467 | 459 | 412 | 374 | 323 | 4804 |
| 1979-80 | 208 | 165 | 92 | 231 | 369 | 404 | 511 | 330 | 500 | 386 | 388 | 280 | 3864 |
| 1980-81 | 230 | 303 | 246 | 328 | 402 | 422 | 384 | 377 | 451 | 423 | 357 | 249 | 4172 |
| 1981-82 | 299 | 205 | 203 | 324 | 339 | 396 | 616 | 430 | 512 | 419 | 373 | 258 | 4374 |
| 1982-83 | 204 | 158 | 181 | 232 | 381 | 468 | 415 | 317 | 355 | 391 | 320 | 203 | 3625 |
| 1983-84 | 133 | 90 | 129 | 215 | 336 | 443 | 475 | 429 | 369 | 403 | 301 | 285 | 3608 |
| 1984-85 | 222 | 142 | 195 | 295 | 378 | 556 | 507 | 472 | 532 | 396 | 338 | 243 | 4276 |
| 1985-86 | 195 | 194 | 244 | 316 | 546 | 533 | 329 | 337 | 365 | 422 | 338 | 169 | 3988 |
| 1986-87 | 227 | 236 | 227 | 290 | 341 | 417 | 487 | 372 | 377 | 316 | 260 | 213 | 3763 |
| 1987-88 | 163 | 196 | 226 | 221 | 302 | 470 | 446 | 423 | 453 | 358 | 265 | 215 | 3738 |
| 1988-89 | 187 | 218 | 274 | 297 | 345 | 529 | 582 | 535 | 403 | 309 | 278 | 214 | 4171 |
| 1989-90 | 164 | 171 | 243 | 306 | 365 | 482 | 513 | 541 | 453 | 356 | 332 | 198 | 4124 |
| 1990-91 | 154 | 141 | 95 | 325 | 451 | 680 | 528 | 336 | 516 | 418 | 387 | 330 | 4361 |
| 1991-92 | 229 | 164 | 225 | 274 | 401 | 511 | 450 | 316 | 329 | 250 | 248 | 193 | 3590 |
| 1992-93 | 135 | 176 | 220 | 211 | 393 | 556 | 570 | 433 | 354 | 337 | 214 | 203 | 3802 |
| 1993-94 | 229 | 152 | 268 | 253 | 446 | 472 | 442 | 455 | 426 | 357 | 286 | 233 | 4019 |
| 1994-95 | 241 | 102 | 155 | 321 | 576 | 559 | 383 | 368 | 445 | 412 | 341 | 263 | 4166 |
| 1995-96 | 142 | 196 | 133 | 308 | 325 | 394 | 472 | 360 | 435 | 352 | 344 | 278 | 3739 |
| 1996-97 | 231 | 205 | 268 | 323 | 407 | 431 | 501 | 476 | 475 | 401 | 217 | 209 | 4144 |
| 1997-98 | 163 | 106 | 82 | 300 | 341 | 529 | 397 | 409 | 450 | 432 | 337 | 242 | 3788 |
| 1998-99 | 192 | 186 | 223 | 305 | 393 | 624 | 541 | 490 | 556 | 485 | 417 | 296 | 4708 |
| 1999- | 254 | 146 | 295 | 382 | 303 | 580 | | | | | | | |

WBAN : 24213

COOLING DEGREE DAYS (base 65°F) 1999 EUREKA, CA (EKA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1970 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| 1971 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 1972 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 1973 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1974 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1975 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 2 | 17 |
| 1980 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 |
| 1981 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 1982 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 5 |
| 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 0 | 0 | 0 | 9 |
| 1984 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 5 |
| 1985 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| 1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 1987 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 8 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 |
| 1989 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 |
| 1991 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 4 | 0 | 0 | 14 |
| 1992 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 2 | 0 | 0 | 7 |
| 1993 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 14 |
| 1994 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1997 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 3 | 5 | 0 | 0 | 0 | 13 |
| 1998 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

SNOWFALL (inches) 1999 EUREKA, CA (EKA)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1970-71 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1971-72 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| 1972-73 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 1.9 |
| 1973-74 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1974-75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | T |
| 1975-76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| 1976-77 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | T |
| 1977-78 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| 1978-79 | 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 |
| 1979-80 | 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 |
| 1980-81 | 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 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | T | 0.0 | 0.0 | T |
| 1982-83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | T |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1984-85 | 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 |
| 1985-86 | 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 |
| 1986-87 | 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 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | T |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | T | 0.0 | 0.0 | T |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.0 | T |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | T |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 0.0 | 0.0 | 0.0 | T |
| 1996-97 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | T | 0.0 | 0.0 | 0.0 | T |
| 1997-98 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1998-99 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 0.6 | T | 0.0 | 0.0 | 0.6 |
| 1999- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | | | | | | | |
| POR= 88 YRS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | T | T | 0.0 | 0.0 | 0.2 |

WBAN : 24213

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> |
|---|---|

1999
EUREKA,
CALIFORNIA (EKA)

Humboldt Bay is one-quarter mile north and one mile west of the station. There are no hills in Eureka of any consequence. The land slopes upward gently from the Bay toward the Coast Range, which begins about 3 miles east of the station and reaches the top of its first ridge approximately 10 miles to the east. The elevation of the ridge is 2,000 feet and extends in a semicircle from a point 20 miles north of Eureka to a point 25 miles south.

The climate of Eureka is completely maritime with high humidity prevailing the entire year. There are definite rainy and dry seasons. The rainy season begins in October and continues through April, accounting for about 90 percent of the annual precipitation. The dry season from May through September is marked by considerable fog or low cloudiness that usually clears in the late morning and sunny weather is generally the case during the early afternoon hours.

Temperatures are moderate the entire year. Although record highs have reached the mid 80s and record lows near 20 degrees, the usual yearly range is from lows in the mid 30s to highs in the mid 70s.

The principal industries are lumbering, fishing, tourism, and dairy farming. There is very little truck farming due to the low temperatures and lack of sunshine, however, the climate is nearly ideal for berries and flowers.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is December 10 and the average last occurrence in the spring is February 6.

STATION LOCATION

EUREKA, CALIFORNIA

| LOCATION | OCCUPIED FROM | OCCUPIED TO | AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION | LATITUDE NORTH | LONGITUDE WEST | ELEVATION ABOVE | | | | | | | | | | | * Type | REMARKS | |
|--------------------------------------|---------------|-------------|---|----------------|----------------|-----------------|------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|--|--------|---------|-----------|
| | | | | | | SEA LEVEL | GROUND | | | | | | | | | | | | AUTOMATED |
| | | | | | | | WIND | EMERGENCY | EMERGENCY | EMERGENCY | EMERGENCY | EMERGENCY | EMERGENCY | EMERGENCY | EMERGENCY | EMERGENCY | | | |
| Buhne Building, 2nd & G Street | 12/1/86 | 1/1/11 | NA | 40°48' | 124°10' | 28 | 60 a72 b78 | 65 | 65 | NA | NA c54 | NA | 52 | NA | NA | a - Effective 12/26/94. b - Effective 12/16/01. c - Installed 8/27/04. | | | |
| Post Office Building 5th & H Streets | 1/1/11 | Present | 1000 ft. SSE | 40°48' | 124°10' | 43 | 88 e88 | 72 | 72 | Unk d65 | 65 | NA | 65 | NA | NA | d - Effective 7/10/57. e - Type change 6/15/73. | | | |

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801.
 INQUIRIES/COMMENTS CALL: (828) 271-4800

National Climatic Data Center
 151 Patton Avenue, Rm 120
 Asheville NC 28801-5001

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