

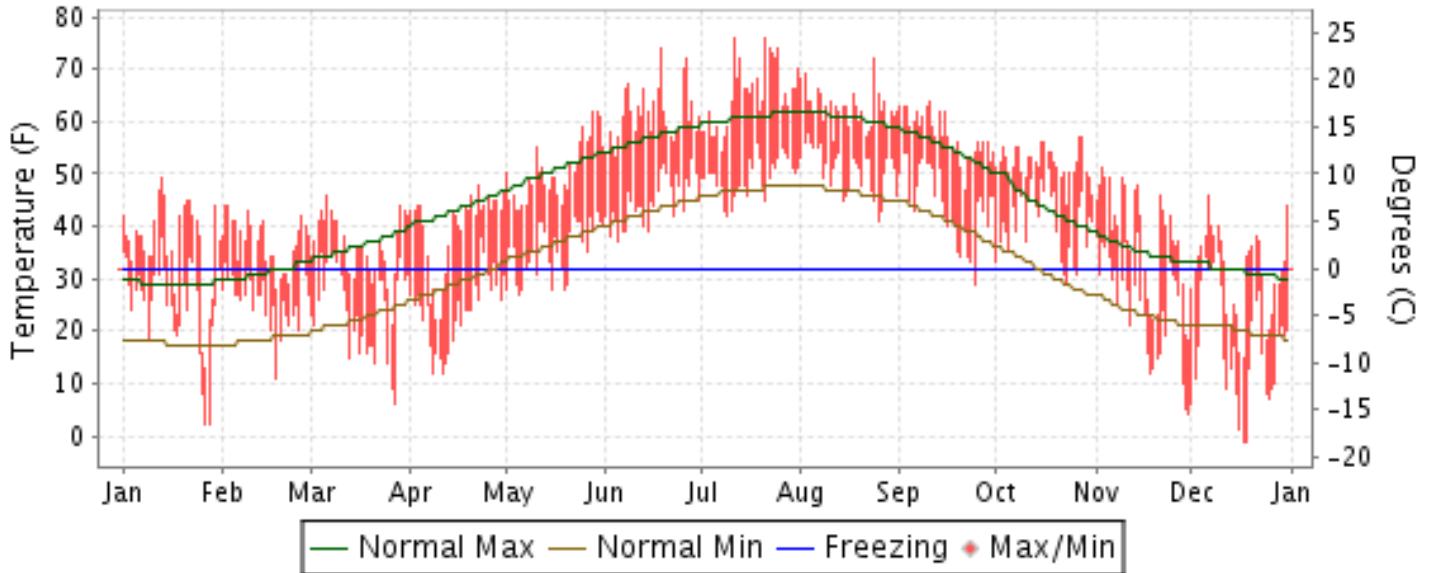


2013 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

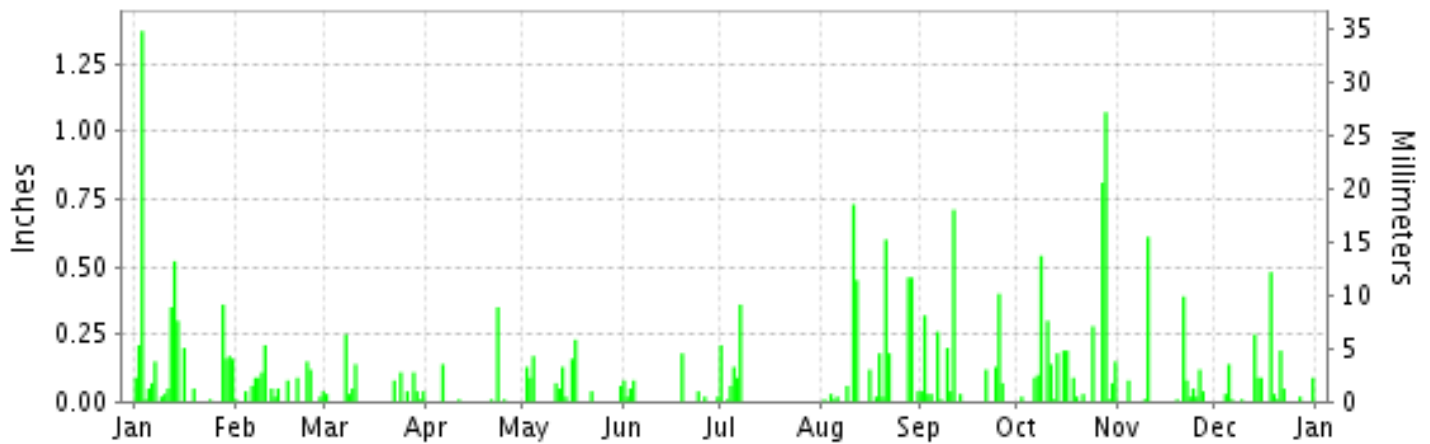
ISSN 0197-9744

HOMER, ALASKA (PAHO)

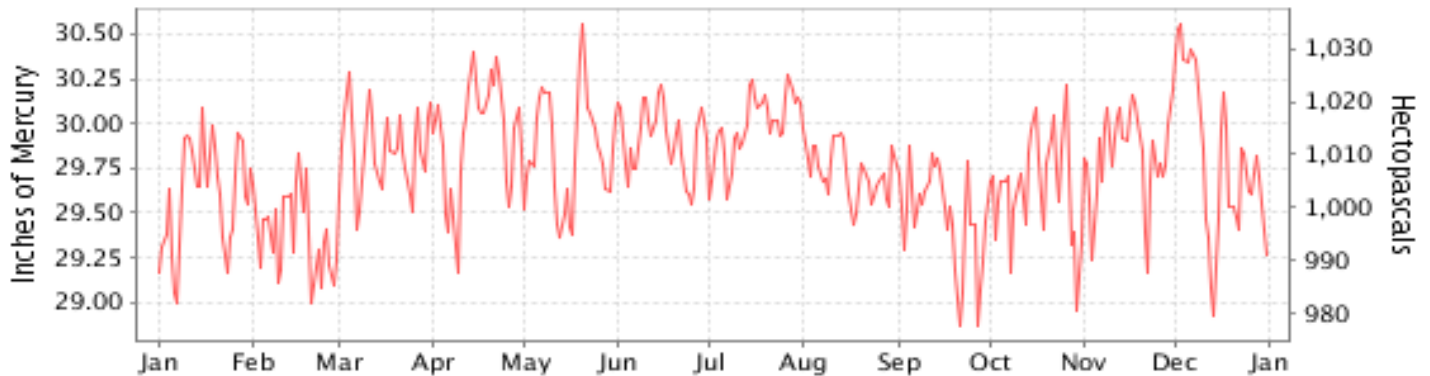
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2013

HOMER (PAHO)

LATITUDE:
59° 38'N

LONGITUDE:
151° 29'W

ELEVATION (FT):
GRND: 64 BARO: 78

TIME ZONE:
ALASKA (UTC -9)

WBAN: 25507

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 36.3 | 36.8 | 36.2 | 39.4 | 50.6 | 61.4 | 65.2 | 62.6 | 57.4 | 51.8 | 38.1 | 31.1 | 47.2 | |
| | HIGHEST DAILY MAXIMUM | 49 | 44 | 46 | 48 | 62 | 74 | 76 | 72 | 64 | 57 | 51 | 46 | 76 | |
| | DATE OF OCCURRENCE | 13 | 03+ | 06 | 22 | 29+ | 18 | 21+ | 24 | 10 | 28+ | 03 | 06 | JUL 21+ | |
| | MEAN DAILY MINIMUM | 25.0 | 25.9 | 24.1 | 23.9 | 35.5 | 44.9 | 49.4 | 50.7 | 44.3 | 40.6 | 25.0 | 17.4 | 33.9 | |
| | LOWEST DAILY MINIMUM | 2 | 11 | 6 | 12 | 27 | 37 | 42 | 41 | 29 | 29 | 4 | -1 | -1 | |
| | DATE OF OCCURRENCE | 28+ | 18 | 27 | 11+ | 05 | 05 | 09 | 25 | 24 | 23 | 30 | 18+ | DEC 18+ | |
| | AVERAGE DRY BULB | 30.6 | 31.3 | 30.1 | 31.7 | 43.1 | 53.1 | 57.3 | 56.7 | 50.9 | 46.2 | 31.6 | 24.2 | 40.6 | |
| | MEAN WET BULB | 28.9 | 29.2 | 27.3 | 27.4 | 39.3 | 48.7 | 52.6 | 52.5 | 46.0 | 42.3 | 28.4 | 22.9 | 37.1 | |
| | MEAN DEW POINT | 24.1 | 24.3 | 20.1 | 16.5 | 33.3 | 43.4 | 48.1 | 48.5 | 40.1 | 36.8 | 20.7 | 17.6 | 31.1 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 70 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 12 |
| | MAXIMUM <= 32° | 6 | 6 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 50 | |
| | MINIMUM <= 32° | 26 | 26 | 25 | 27 | 10 | 0 | 0 | 0 | 1 | 4 | 23 | 28 | 170 | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | | |
| H/C | HEATING DEGREE DAYS | 1056 | 936 | 1073 | 993 | 674 | 349 | 230 | 250 | 417 | 575 | 995 | 1258 | 8806 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RH | MEAN (PERCENT) | 76 | 75 | 66 | 54 | 69 | 69 | 72 | 75 | 67 | 69 | 64 | 74 | 69 | |
| | HOUR 03 LST | 78 | 77 | 68 | 62 | 79 | 81 | 83 | 80 | 73 | 72 | 67 | 75 | 75 | |
| | HOUR 09 LST | 75 | 77 | 68 | 58 | 70 | 68 | 71 | 75 | 70 | 75 | 66 | 74 | 71 | |
| | HOUR 15 LST | 75 | 72 | 63 | 45 | 61 | 61 | 63 | 68 | 58 | 64 | 59 | 71 | 63 | |
| | HOUR 21 LST | 76 | 76 | 67 | 52 | 66 | 64 | 68 | 76 | 67 | 66 | 63 | 76 | 68 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 4 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 2 | 14 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PR | MEAN STATION PRESS. (IN.) | 29.61 | 29.38 | 29.86 | 29.93 | 29.86 | 29.92 | 29.99 | 29.73 | 29.47 | 29.64 | 29.82 | 29.83 | 29.75 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 29.69 | 29.47 | 29.95 | 30.04 | 29.94 | 30.00 | 30.07 | 29.81 | 29.56 | 29.73 | 29.91 | 29.91 | 29.84 | |
| WINDS | RESULTANT SPEED (MPH) | 1.9 | 1.0 | 1.4 | 1.9 | 3.2 | 3.2 | 3.5 | 0.3 | 0.6 | 1.7 | 2.1 | 2.1 | 0.2 | |
| | RES. DIR. (TENS OF DEGS.) | 06 | 06 | 07 | 34 | 25 | 24 | 25 | 17 | 07 | 13 | 05 | 04 | 33 | |
| | MEAN SPEED (MPH) | 5.5 | 6.0 | 6.0 | 6.9 | 5.3 | 5.6 | 5.5 | 4.0 | 5.8 | 6.7 | 5.2 | 4.3 | 5.6 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 06 | 06 | 07 | 25 | 25 | 25 | 25 | 06 | 07 | 06 | 05 | 05 | 25 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 33 | 30 | 33 | 32 | 23 | 25 | 23 | 24 | 29 | 33 | 23 | 31 | 33 | |
| | DIR. (TENS OF DEGS.) | 10 | 21 | 24 | 27 | 25 | 14 | 23 | 11 | 24 | 26 | 25 | 24 | 26 | |
| | DATE OF OCCURRENCE | 19 | 10 | 25 | 26 | 14 | 12 | 18 | 03 | 26 | 09 | 14 | 14 | OCT 09 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| SPEED (MPH) | 46 | 40 | 44 | 74 | 75 | 84 | 29 | 33 | 77 | 51 | 32 | 39 | 84 | | |
| DIR. (TENS OF DEGS.) | 04 | 21 | 23 | 21 | 03 | 21 | 16 | 12 | 21 | 14 | 25 | 07 | 21 | | |
| DATE OF OCCURRENCE | 27 | 10 | 25 | 26 | 07 | 30 | 20 | 03 | 26 | 24 | 14 | 31 | JUN 30 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.33 | 1.23 | 0.93 | 0.52 | 1.15 | 0.49 | 0.86 | 3.39 | 2.39 | 4.29 | 1.43 | 1.49 | 22.50 | |
| | GREATEST 24-HOUR (IN.) | 1.45 | 0.27 | 0.25 | 0.35 | 0.39 | 0.18 | 0.45 | 0.97 | 0.73 | 1.38 | 0.62 | 0.51 | 1.45 | |
| | DATE OF OCCURRENCE | 02-03 | 23-24 | 07 | 23 | 16-17 | 19 | 06-07 | 11-12 | 10-11 | 27-28 | 09-10 | 18-19 | JAN 02-03 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 20 | 16 | 12 | 5 | 11 | 8 | 6 | 16 | 14 | 19 | 11 | 14 | 152 | | |
| PRECIPITATION 0.10 | 11 | 4 | 4 | 2 | 5 | 1 | 3 | 8 | 7 | 11 | 3 | 4 | 63 | | |
| PRECIPITATION 1.00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | | |
| 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 HOMER (PAHO)

LATITUDE:
59° 38'N

LONGITUDE:
151° 29'W

ELEVATION (FT):
GRND: 64 BARO: 78

TIME ZONE:
ALASKA (UTC -9)

WBAN: 25507

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 30.8 | 32.7 | 36.6 | 44.1 | 51.8 | 57.8 | 61.2 | 60.9 | 55.0 | 44.6 | 35.5 | 33.0 | 45.3 |
| | MEAN DAILY MAXIMUM | 78 | 29.2 | 31.8 | 35.5 | 42.9 | 50.7 | 56.7 | 60.2 | 60.2 | 54.5 | 44.0 | 34.4 | 30.0 | 44.2 |
| | HIGHEST DAILY MAXIMUM | 70 | 51 | 56 | 53 | 65 | 71 | 80 | 84 | 78 | 69 | 64 | 55 | 51 | 84 |
| | YEAR OF OCCURRENCE | | 1994 | 2005 | 1974 | 2005 | 1997 | 1953 | 2011 | 2004 | 1997 | 1954 | 2002 | 2002 | JUL 2011 |
| | MEAN OF EXTREME MAXS. | 79 | 43.0 | 43.1 | 45.1 | 52.6 | 60.6 | 66.5 | 69.7 | 69.3 | 62.3 | 54.2 | 46.3 | 43.5 | 54.7 |
| | NORMAL DAILY MINIMUM | 30 | 18.8 | 19.8 | 23.2 | 29.8 | 37.1 | 43.5 | 48.0 | 46.9 | 41.1 | 31.6 | 23.5 | 21.1 | 32.0 |
| | MEAN DAILY MINIMUM | 79 | 16.6 | 18.6 | 21.3 | 28.7 | 35.7 | 41.8 | 45.8 | 45.8 | 40.1 | 31.4 | 22.4 | 18.1 | 30.5 |
| | LOWEST DAILY MINIMUM | 70 | -24 | -19 | -21 | -9 | 6 | 29 | 34 | 31 | 20 | 2 | -7 | -16 | -24 |
| | YEAR OF OCCURRENCE | | 1989 | 1999 | 1971 | 1944 | 1949 | 1950 | 1959 | 1955 | 1956 | 1975 | 1990 | 1964 | JAN 1989 |
| | MEAN OF EXTREME MINS. | 79 | -2.7 | 0.4 | 5.5 | 17.6 | 27.4 | 34.2 | 39.1 | 37.1 | 29.0 | 18.0 | 7.2 | -0.0 | 17.7 |
| | NORMAL DRY BULB | 30 | 24.8 | 26.2 | 29.9 | 37.0 | 44.5 | 50.6 | 54.6 | 53.9 | 48.1 | 38.1 | 29.5 | 27.1 | 38.7 |
| | MEAN DRY BULB | 78 | 22.9 | 25.3 | 28.4 | 35.8 | 43.2 | 49.4 | 53.0 | 53.0 | 47.3 | 37.7 | 28.5 | 24.1 | 37.4 |
| | MEAN WET BULB | 30 | 23.2 | 24.2 | 26.0 | 32.9 | 39.6 | 46.1 | 50.5 | 50.4 | 45.0 | 36.3 | 27.2 | 25.3 | 35.6 |
| | MEAN DEW POINT | 30 | 21.5 | 22.3 | 23.5 | 30.4 | 37.4 | 44.0 | 49.0 | 48.8 | 43.3 | 34.4 | 25.6 | 23.8 | 33.7 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 70 | 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 | 14.4 | 10.6 | 6.4 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 9.2 | 13.1 | 55.6 |
| MINIMUM <= 32 | 30 | 26.5 | 23.9 | 26.6 | 19.2 | 4.4 | 0.0 | 0.0 | 0.0 | 2.5 | 16.4 | 24.0 | 26.3 | 169.8 | |
| MINIMUM <= 0 | 30 | 2.7 | 1.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 5.7 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1246 | 1085 | 1088 | 842 | 637 | 431 | 322 | 344 | 509 | 834 | 1065 | 1176 | 9579 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RH | NORMAL (PERCENT) | 30 | 81 | 77 | 74 | 73 | 73 | 75 | 80 | 82 | 80 | 78 | 80 | 81 | 78 |
| | HOURLY 03 LST | 30 | 82 | 79 | 78 | 80 | 82 | 84 | 88 | 89 | 86 | 82 | 81 | 82 | 83 |
| | HOURLY 09 LST | 30 | 83 | 80 | 77 | 74 | 71 | 72 | 80 | 81 | 81 | 81 | 81 | 82 | 79 |
| | HOURLY 15 LST | 30 | 78 | 72 | 66 | 63 | 64 | 66 | 73 | 72 | 71 | 69 | 75 | 80 | 71 |
| | HOURLY 21 LST | 30 | 82 | 78 | 75 | 73 | 72 | 71 | 78 | 81 | 82 | 78 | 80 | 82 | 78 |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 50 | 1.0 | 1.2 | 0.9 | 0.5 | 0.3 | 0.6 | 0.9 | 1.8 | 0.9 | 0.3 | 0.6 | 0.9 | 9.9 |
| | THUNDERSTORMS | 65 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 15 | 5.4 | 5.5 | 5.6 | 5.8 | 6.2 | 5.8 | 5.7 | 5.3 | 5.5 | 5.5 | 5.3 | 5.1 | 5.6 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 15 | 5.1 | 4.7 | 4.9 | 5.2 | 5.6 | 5.3 | 5.5 | 5.2 | 5.5 | 5.5 | 5.0 | 5.0 | 5.2 |
| | MEAN NO. DAYS WITH: CLEAR | 15 | 7.7 | 6.8 | 6.1 | 5.4 | 3.7 | 3.9 | 3.3 | 5.3 | 4.8 | 5.2 | 5.9 | 7.4 | 65.5 |
| | PARTLY CLOUDY | 15 | 4.2 | 4.4 | 6.3 | 6.3 | 6.8 | 8.1 | 8.6 | 7.7 | 7.0 | 5.2 | 5.3 | 5.3 | 75.2 |
| | CLOUDY | 15 | 19.1 | 17.1 | 18.7 | 18.3 | 20.5 | 17.9 | 19.1 | 18.1 | 18.1 | 20.6 | 18.9 | 18.3 | 224.7 |
| PR | MEAN STATION PRESSURE(IN) | 30 | 29.54 | 29.62 | 29.64 | 29.71 | 29.81 | 29.85 | 29.90 | 29.82 | 29.67 | 29.58 | 29.52 | 29.49 | 29.68 |
| | MEAN SEA-LEVEL PRES. (IN) | 30 | 29.63 | 29.71 | 29.72 | 29.79 | 29.89 | 29.93 | 29.96 | 29.31 | 29.15 | 29.07 | 29.59 | 29.57 | 29.61 |
| WINDS | MEAN SPEED (MPH) | 30 | 7.2 | 7.1 | 7.5 | 7.6 | 7.6 | 7.4 | 6.7 | 6.3 | 6.8 | 6.8 | 7.1 | 7.4 | 7.1 |
| | PREVAIL.DIR.(TENS OF DEGS) | 33 | 05 | 06 | 06 | 25 | 26 | 26 | 26 | 26 | 05 | 05 | 05 | 05 | 05 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 16 | 41 | 44 | 39 | 38 | 35 | 35 | 43 | 31 | 38 | 41 | 43 | 69 | 69 |
| | DIR. (TENS OF DEGS) | | 09 | 08 | 23 | 09 | 09 | 09 | 12 | 02 | 01 | 08 | 09 | 04 | 04 |
| | YEAR OF OCCURRENCE | | 2011 | 2004 | 2010 | 2001 | 2008 | 2002 | 2011 | 2000 | 1999 | 2002 | 2002 | 1999 | DEC 1999 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 16 | 56 | 53 | 53 | 74 | 75 | 84 | 108 | 44 | 77 | 58 | 53 | 69 | 108 |
| | DIR. (TENS OF DEGS) | | 09 | 08 | 22 | 21 | 03 | 21 | 21 | 36 | 21 | 07 | 25 | 04 | 21 |
| YEAR OF OCCURRENCE | | 2011 | 2004 | 2010 | 2013 | 2013 | 2013 | 2011 | 2000 | 2013 | 2002 | 2011 | 1999 | JUL 2011 | |
| PRECIPITATION | NORMAL (IN) | 30 | 2.63 | 1.71 | 1.65 | 1.07 | 0.82 | 0.82 | 1.55 | 2.34 | 3.31 | 2.57 | 2.79 | 3.08 | 24.34 |
| | MAXIMUM MONTHLY (IN) | 77 | 8.65 | 6.46 | 6.02 | 4.09 | 2.31 | 3.37 | 3.79 | 5.56 | 6.18 | 8.55 | 8.72 | 8.01 | 8.72 |
| | YEAR OF OCCURRENCE | | 2001 | 2012 | 1981 | 1988 | 1998 | 1941 | 1948 | 1939 | 1990 | 1969 | 1983 | 1939 | NOV 1983 |
| | MINIMUM MONTHLY (IN) | 77 | 0.18 | 0.12 | 0.03 | 0.01 | 0.08 | 0.05 | 0.16 | 0.18 | 0.83 | 0.83 | 0.12 | 0.00 | 0.00 |
| | YEAR OF OCCURRENCE | | 1996 | 1979 | 1989 | 1954 | 1974 | 2001 | 1953 | 2004 | 1969 | 1992 | 1955 | 1933 | DEC 1933 |
| | MAXIMUM IN 24 HOURS (IN) | 77 | 2.32 | 2.93 | 1.83 | 1.48 | 1.06 | 1.22 | 1.38 | 1.80 | 1.66 | 2.94 | 3.20 | 2.35 | 3.20 |
| | YEAR OF OCCURRENCE | | 1984 | 2012 | 1987 | 1980 | 1977 | 1978 | 1980 | 1936 | 1990 | 2002 | 1983 | 2001 | NOV 1983 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 14.9 | 11.5 | 10.7 | 9.9 | 9.3 | 9.4 | 11.9 | 13.8 | 15.9 | 14.3 | 13.8 | 15.8 | 151.2 |
| | PRECIPITATION >= 1.00 | 30 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 1.8 |
| SNOWFALL | NORMAL (IN) | 30 | 9.1 | 9.6 | 7.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 7.0 | 10.2 | 47.4 |
| | MAXIMUM MONTHLY (IN) | 62 | 33.8 | 46.0 | 38.1 | 17.4 | 6.6 | T | 0.0 | 0.0 | 0.5 | 21.9 | 37.4 | 54.7 | 54.7 |
| | YEAR OF OCCURRENCE | | 1962 | 1974 | 1976 | 1972 | 1971 | 1963 | | | 1962 | 1976 | 1945 | 1979 | DEC 1979 |
| | MAXIMUM IN 24 HOURS (IN) | 62 | 24.0 | 19.2 | 15.2 | 7.4 | 6.0 | T | 0.0 | 0.0 | 0.4 | 8.9 | 24.5 | 20.2 | 24.5 |
| | YEAR OF OCCURRENCE' | | 1939 | 1945 | 1954 | 1972 | 1971 | 1963 | | | 1968 | 1997 | 1945 | 1979 | NOV 1945 |
| | MAXIMUM SNOW DEPTH (IN) | 49 | 26 | 27 | 40 | 23 | 8 | 0 | 0 | 0 | 0 | 13 | 17 | 35 | 40 |
| | YEAR OF OCCURRENCE | | 1956 | 1969 | 1999 | 1972 | 1972 | | | | 1976 | 1981 | 1959 | 1959 | MAR 1999 |
| | NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 3.7 | 3.7 | 2.1 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 2.5 | 3.9 | 17.2 |

PRECIPITATION (inches) 2013 HOMER (PAHO)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1984 | 4.81 | 2.24 | 1.22 | 1.59 | 0.42 | 0.87 | 1.02 | 4.17 | 3.86 | 1.21 | 0.88 | 1.92 | 24.21 |
| 1985 | 4.23 | 1.02 | 3.69 | 1.48 | 1.49 | 0.85 | 2.93 | 2.46 | 3.06 | 0.92 | 0.90 | 2.36 | 25.39 |
| 1986 | 3.77 | 2.20 | 0.07 | 0.22 | 1.09 | 0.29 | 2.20 | 2.93 | 4.16 | 5.56 | 2.54 | 7.78 | 32.81 |
| 1987 | 6.26 | 2.95 | 2.45 | 0.77 | 1.06 | 1.07 | 1.08 | 0.59 | 5.12 | 6.87 | 2.33 | 1.99 | 32.54 |
| 1988 | 4.71 | 3.95 | 4.34 | 4.09 | 0.91 | 0.89 | 0.77 | 3.22 | 1.29 | 2.43 | 1.85 | 5.51 | 33.96 |
| 1989 | 1.90 | 0.27 | 0.03 | 1.13 | 1.12 | 0.66 | 2.10 | 2.80 | 4.09 | 4.08 | 1.20 | 2.65 | 22.03 |
| 1990 | 3.07 | 1.54 | 0.33 | 0.40 | 1.10 | 1.20 | 0.64 | 2.39 | 6.18 | 1.66 | 0.16 | 1.48 | 20.15 |
| 1991 | 1.40 | 1.40 | 1.95 | 0.81 | 1.54 | 1.30 | 1.50 | 2.20 | 3.40 | 0.92 | 1.73 | 5.87 | 24.02 |
| 1992 | 4.33 | 1.15 | 3.76 | 0.49 | 0.33 | 0.45 | 1.36 | 2.63 | 1.06 | 0.83 | 4.50 | 2.56 | 23.45 |
| 1993 | 2.13 | 1.60 | 2.00 | 1.01 | 0.37 | 0.60 | 1.19 | 2.99 | 3.95 | 1.69 | 3.11 | 4.37 | 25.01 |
| 1994 | 0.96 | 1.31 | 2.45 | 0.75 | 1.08 | 0.78 | 1.18 | 0.80 | 3.33 | 1.98 | 3.06 | 3.84 | 21.52 |
| 1995 | 2.07 | 2.03 | 0.99 | 0.85 | 1.00 | 1.14 | 2.37 | 3.18 | 4.11 | 1.88 | 0.32 | 0.41 | 20.35 |
| 1996 | 0.18 | 2.17 | 0.21 | 0.97 | 0.46 | 1.24 | .27 | 1.76 | 3.20 | 1.23 | .38 | .88 | 12.95 |
| 1997 | 2.23 | 1.84 | 0.43 | 0.62 | 0.57 | 1.16 | 1.05 | 2.34 | 4.81 | 1.01 | 5.87 | | |
| 1998 | | | | | 2.31 | 1.45 | 1.67 | 3.85 | 2.04 | 2.60 | 2.89 | 1.32 | |
| 1999 | 2.67 | 1.54 | 2.72 | 0.87 | 0.98 | 0.70 | 1.07 | 2.88 | 4.11 | 3.79 | 2.31 | 2.86 | 26.50 |
| 2000 | 1.85 | 0.57 | 1.85 | 0.36 | 0.14 | 0.65 | 2.59 | 1.12 | 2.23 | 2.57 | 4.98 | 4.97 | 23.88 |
| 2001 | 8.65 | 2.41 | 3.05 | 1.45 | 0.28 | 0.05 | 3.13 | 3.01 | 2.47 | 1.84 | 1.13 | 4.32 | 31.79 |
| 2002 | 2.68 | 3.20 | 0.09 | 0.24 | 0.53 | 0.33 | 1.58 | 2.04 | 3.65 | 7.39 | 7.19 | 2.99 | 31.91 |
| 2003 | 1.73 | 1.56 | 0.58 | 0.97 | 0.80 | 1.45 | 0.68 | 3.46 | 1.05 | 2.89 | 1.54 | 3.91 | 20.62 |
| 2004 | 0.97 | 1.38 | 0.67 | 1.03 | 0.91 | 0.54 | 0.75 | 0.18 | 4.75 | 2.93 | 2.71 | 3.50 | 20.32 |
| 2005 | 0.37 | 0.85 | 1.61 | 1.07 | 0.37 | 1.09 | 0.80 | 1.16 | 5.21 | 1.95 | 1.41 | 2.46 | 18.35 |
| 2006 | 0.76 | 3.65 | 1.07 | 0.90 | 0.46 | 1.61 | 0.67 | 3.94 | 1.99 | 1.69 | 0.52 | 3.97 | 21.23 |
| 2007 | 2.14 | 0.36 | 0.29 | 1.68 | 0.32 | 0.42 | 1.27 | 1.03 | 3.34 | 2.54 | 7.29 | 3.16 | 23.84 |
| 2008 | 1.22 | 1.95 | 0.94 | 0.98 | 1.10 | 0.57 | 2.41 | 1.70 | 3.67 | 2.25 | 1.71 | 1.15 | 19.65 |
| 2009 | 1.47 | 0.69 | 0.67 | 0.31 | 0.83 | 0.40 | 0.94 | 2.05 | 2.46 | 1.70 | 3.40 | 2.83 | 17.75 |
| 2010 | 0.23 | 1.88 | 2.61 | 2.25 | 0.31 | 0.81 | 3.47 | 2.12 | 1.39 | 4.27 | 2.81 | 1.51 | 23.66 |
| 2011 | 1.40 | 1.98 | 0.26 | 1.26 | 0.40 | 0.75 | 0.92 | 3.27 | 3.10 | 3.24 | 1.58 | 5.08 | 23.24 |
| 2012 | 2.09 | 6.46 | 0.46 | 0.72 | 0.81 | 1.78 | 1.22 | 1.89 | 5.25 | 2.06 | 0.53 | 4.60 | 27.87 |
| 2013 | 4.33 | 1.23 | 0.93 | 0.52 | 1.15 | 0.49 | 0.86 | 3.39 | 2.39 | 4.29 | 1.43 | 1.49 | 22.50 |
| POR= 79 YRS | 3.23 | 1.79 | 1.48 | 1.17 | 0.98 | 0.96 | 1.55 | 2.50 | 3.05 | 3.12 | 2.67 | 2.80 | 25.30 |

WBAN : 25507

AVERAGE TEMPERATURE (°F) 2013 HOMER (PAHO)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1984 | 26.7 | 22.6 | 38.0 | 36.5 | 43.9 | 52.3 | 54.6 | 54.9 | 49.1 | 39.6 | 30.3 | 30.7 | 39.9 |
| 1985 | 36.0 | 20.4 | 30.0 | 27.9 | 41.4 | 46.9 | 53.5 | 51.8 | 47.1 | 32.8 | 24.9 | 35.1 | 37.3 |
| 1986 | 29.8 | 26.9 | 26.8 | 32.1 | 42.1 | 50.0 | 53.1 | 52.5 | 47.7 | 40.4 | 31.7 | 33.8 | 38.9 |
| 1987 | 29.6 | 32.1 | 31.6 | 36.7 | 44.3 | 50.1 | 54.7 | 54.9 | 46.4 | 39.7 | 31.2 | 24.7 | 39.7 |
| 1988 | 27.8 | 30.5 | 33.5 | 36.6 | 45.0 | 51.2 | 55.3 | 53.9 | 46.0 | 37.5 | 26.4 | 27.4 | 39.3 |
| 1989 | 11.0 | 25.8 | 27.4 | 37.9 | 43.5 | 50.2 | 55.2 | 56.7 | 50.9 | 38.1 | 25.8 | 30.4 | 37.7 |
| 1990 | 22.6 | 14.1 | 32.4 | 39.9 | 46.7 | 51.8 | 54.7 | 55.2 | 48.9 | 37.1 | 20.4 | 25.5 | 37.4 |
| 1991 | 24.3 | 24.9 | 29.6 | 38.6 | 43.9 | 50.3 | 54.1 | 52.7 | 50.3 | 38.9 | 32.5 | 27.3 | 39.0 |
| 1992 | 27.9 | 20.7 | 28.2 | 36.6 | 43.3 | 52.3 | 55.5 | 53.9 | 42.8 | 36.2 | 31.7 | 23.5 | 37.7 |
| 1993 | 24.2 | 27.3 | 33.5 | 40.5 | 48.0 | 51.1 | 56.5 | 55.8 | 49.1 | 40.8 | 32.5 | 32.4 | 41.0 |
| 1994 | 30.2 | 23.2 | 28.0 | 39.0 | 45.3 | 51.8 | 54.5 | 55.5 | 47.7 | 37.1 | 25.3 | 25.2 | 38.6 |
| 1995 | | 26.3 | 22.9 | 41.0 | 46.0 | 51.7 | 55.0 | 53.5 | 51.7 | 41.1 | 26.4 | 28.0 | |
| 1996 | 18.8 | 23.1 | 33.5 | 38.6 | 44.8 | 51.0 | 54.8 | 53.8 | 46.5 | 32.1 | 29.6 | 21.3 | 37.3 |
| 1997 | 21.6 | 35.8 | 28.6 | 39.3 | 47.0 | 52.2 | 57.4 | 56.4 | 51.2 | 34.3 | 34.3 | 21.5 | 40.0 |
| 1998 | 23.3 | 30.6 | 33.9 | 37.8 | 43.5 | 50.3 | 54.3 | 51.9 | 47.8 | 39.3 | 31.9 | 22.1 | 38.9 |
| 1999 | 19.9 | 12.5 | 24.4 | 34.9 | 41.5 | 50.5 | 54.1 | 53.7 | 48.4 | 36.3 | 26.7 | 22.3 | 35.4 |
| 2000 | 17.5 | 31.8 | 32.2 | 36.7 | 43.7 | 50.5 | 53.5 | 52.3 | 46.1 | 38.4 | 35.8 | 35.0 | 39.5 |
| 2001 | 32.7 | 30.7 | 32.4 | 38.1 | 41.8 | 52.0 | 54.8 | 55.1 | 48.7 | 34.1 | 28.0 | 19.5 | 39.0 |
| 2002 | 29.5 | 28.4 | 27.6 | 34.6 | 44.7 | 50.8 | 55.1 | 53.4 | 49.5 | 44.5 | 39.4 | 28.9 | 40.5 |
| 2003 | 32.4 | 36.7 | 28.3 | 38.9 | 44.9 | 51.0 | 56.9 | 55.2 | 47.5 | 42.8 | 30.0 | 25.0 | 40.8 |
| 2004 | 17.8 | 32.7 | 28.0 | 38.7 | 47.7 | 53.2 | 57.8 | 57.3 | 46.4 | 41.8 | 34.6 | 30.5 | 40.5 |
| 2005 | 28.9 | 27.9 | 34.0 | 40.1 | 48.9 | 53.5 | 57.9 | 56.3 | 50.8 | 39.3 | 23.7 | 33.1 | 41.2 |
| 2006 | 20.4 | 27.7 | 28.1 | 37.1 | 45.7 | 50.5 | 54.0 | 52.3 | 48.6 | 41.4 | 18.3 | 25.3 | 37.5 |
| 2007 | 21.0 | 24.0 | 16.6 | 38.1 | 43.0 | 49.7 | 53.8 | 54.2 | 49.7 | 37.9 | 34.7 | 26.9 | 37.5 |
| 2008 | 21.2 | 20.4 | 32.6 | 33.8 | 43.3 | 48.2 | 52.4 | 52.6 | 48.6 | 34.4 | 26.9 | 23.7 | 36.5 |
| 2009 | 20.5 | 22.1 | 26.4 | 36.1 | 44.3 | 49.4 | 54.7 | 52.8 | 47.6 | 42.4 | 27.1 | 29.1 | 37.7 |
| 2010 | 26.6 | 31.3 | 27.5 | 35.8 | 43.2 | 48.8 | 52.0 | 52.4 | 47.1 | 37.4 | 29.7 | 18.2 | 37.5 |
| 2011 | 25.0 | 23.1 | 25.4 | 35.4 | 42.7 | 48.2 | 52.2 | 51.6 | 46.7 | 38.2 | 21.6 | 26.0 | 36.3 |
| 2012 | 9.0 | 27.9 | 22.7 | 36.0 | 41.4 | 48.0 | 50.3 | 51.7 | 49.8 | 36.8 | 25.6 | 23.3 | 35.2 |
| 2013 | 30.6 | 31.3 | 30.1 | 31.7 | 43.1 | 53.1 | 57.3 | 56.7 | 50.9 | 46.2 | 31.6 | 24.2 | 40.6 |
| POR= 78 YRS | 22.9 | 25.3 | 28.4 | 35.8 | 43.2 | 49.4 | 53.0 | 53.0 | 47.3 | 37.7 | 28.5 | 24.1 | 37.4 |

HEATING DEGREE DAYS (base 65°F) 2013 HOMER (PAHO)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-------|
| 1984-85 | 315 | 303 | 469 | 779 | 1037 | 1056 | 892 | 1247 | 1078 | 1106 | 727 | 538 | 9547 |
| 1985-86 | 349 | 400 | 531 | 994 | 1199 | 921 | 1082 | 1064 | 1177 | 980 | 704 | 447 | 9848 |
| 1986-87 | 361 | 383 | 511 | 758 | 995 | 958 | 1090 | 914 | 1028 | 841 | 633 | 441 | 8913 |
| 1987-88 | 312 | 306 | 548 | 778 | 1007 | 1240 | 1146 | 997 | 969 | 845 | 613 | 406 | 9167 |
| 1988-89 | 292 | 334 | 566 | 846 | 1150 | 1160 | 1672 | 1089 | 1159 | 808 | 659 | 437 | 10172 |
| 1989-90 | 299 | 251 | 418 | 828 | 1170 | 1069 | 1306 | 1417 | 1005 | 744 | 559 | 390 | 9456 |
| 1990-91 | 312 | 297 | 476 | 856 | 1331 | 1218 | 1254 | 1116 | 1093 | 785 | 647 | 433 | 9818 |
| 1991-92 | 329 | 372 | 434 | 801 | 969 | 1166 | 1141 | 1277 | 1137 | 846 | 666 | 371 | 9509 |
| 1992-93 | 287 | 339 | 657 | 887 | 990 | 1281 | 1259 | 1051 | 971 | 729 | 522 | 411 | 9384 |
| 1993-94 | 258 | 279 | 472 | 741 | 966 | 1002 | 1073 | 1165 | 1142 | 770 | 602 | 387 | 8857 |
| 1994-95 | 318 | 290 | 511 | 857 | 1185 | 1225 | | 1079 | 1300 | 714 | 580 | 392 | |
| 1995-96 | 302 | 347 | 390 | 734 | 1153 | 1142 | 1426 | 1211 | 968 | 783 | 620 | 412 | 9488 |
| 1996-97 | 310 | 340 | 552 | 1012 | 1054 | 1344 | 1341 | 813 | 1121 | 764 | 549 | 379 | 9579 |
| 1997-98 | 230 | 260 | 406 | 943 | 917 | 1342 | 1287 | 955 | 957 | 808 | 657 | 434 | 9196 |
| 1998-99 | 327 | 401 | 509 | 790 | 986 | 1319 | 1390 | 1466 | 1251 | 896 | 721 | 427 | 10483 |
| 1999-00 | 334 | 344 | 489 | 885 | 1140 | 1315 | 1467 | 957 | 1010 | 843 | 655 | 430 | 9869 |
| 2000-01 | 350 | 386 | 558 | 818 | 871 | 924 | 995 | 954 | 1002 | 801 | 712 | 385 | 8756 |
| 2001-02 | 312 | 298 | 479 | 950 | 1103 | 1405 | 1094 | 1020 | 1152 | 907 | 624 | 416 | 9760 |
| 2002-03 | 296 | 353 | 457 | 631 | 763 | 1114 | 1006 | 786 | 1129 | 775 | 616 | 417 | 8343 |
| 2003-04 | 244 | 297 | 515 | 683 | 1045 | 1234 | 1455 | 929 | 1144 | 782 | 531 | 351 | 9210 |
| 2004-05 | 212 | 231 | 552 | 711 | 905 | 1062 | 1113 | 1033 | 956 | 741 | 494 | 335 | 8345 |
| 2005-06 | 216 | 261 | 419 | 793 | 1232 | 980 | 1376 | 1037 | 1138 | 827 | 586 | 431 | 9296 |
| 2006-07 | 335 | 384 | 485 | 721 | 1393 | 1226 | 1359 | 1144 | 1495 | 802 | 677 | 452 | 10473 |
| 2007-08 | 341 | 328 | 452 | 833 | 901 | 1176 | 1353 | 1288 | 995 | 931 | 663 | 496 | 9757 |
| 2008-09 | 384 | 376 | 485 | 940 | 1135 | 1272 | 1374 | 1193 | 1187 | 858 | 633 | 461 | 10298 |
| 2009-10 | 312 | 374 | 515 | 694 | 1129 | 1107 | 1184 | 936 | 1153 | 868 | 670 | 476 | 9418 |
| 2010-11 | 397 | 382 | 529 | 846 | 1051 | 1445 | 1232 | 1168 | 1219 | 884 | 683 | 497 | 10333 |
| 2011-12 | 393 | 411 | 540 | 824 | 1294 | 1205 | 1726 | 1071 | 1303 | 864 | 725 | 502 | 10858 |
| 2012-13 | 446 | 405 | 449 | 867 | 1176 | 1284 | 1056 | 936 | 1073 | 993 | 674 | 349 | 9708 |
| 2013- | 230 | 250 | 417 | 575 | 995 | 1258 | | | | | | | |

WBAN : 25507

COOLING DEGREE DAYS (base 65°F) 2013 HOMER (PAHO)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1984 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1985 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1987 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1991 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1992 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 1997 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

SNOWFALL (inches) 2013 HOMER (PAHO)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|-------|
| 1976-77 | 0.0 | 0.0 | 0.0 | 21.9 | 16.5 | 14.1 | T | T | 18.8 | 4.4 | 0.5 | 0.0 | 76.2 |
| 1977-78 | 0.0 | 0.0 | 0.2 | 3.2 | 4.6 | 0.4 | 9.7 | 27.9 | 6.7 | T | 0.0 | 0.0 | 52.7 |
| 1978-79 | 0.0 | 0.0 | 0.0 | T | 1.4 | 20.3 | 11.4 | T | 5.3 | 3.0 | 0.0 | 0.0 | 41.4 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 1.2 | 18.8 | 54.7 | 13.1 | 21.1 | 3.1 | T | 0.0 | 0.0 | 112.0 |
| 1980-81 | 0.0 | 0.0 | 0.0 | 4.9 | 2.8 | 8.5 | 11.1 | 8.3 | 6.9 | 0.1 | 0.0 | 0.0 | 42.6 |
| 1981-82 | 0.0 | 0.0 | T | 7.9 | 13.8 | 10.7 | 6.8 | 1.9 | 2.9 | 3.2 | T | 0.0 | 47.2 |
| 1982-83 | 0.0 | 0.0 | 0.0 | 1.7 | 5.0 | 1.3 | 11.0 | 1.1 | T | 1.0 | 0.0 | 0.0 | 21.1 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 7.7 | 13.7 | 2.9 | 8.3 | 32.2 | 0.6 | 7.1 | T | 0.0 | 72.5 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 5.5 | 3.6 | 13.1 | 29.8 | 9.9 | 0.4 | 0.0 | 63.2 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 3.7 | 6.1 | 1.7 | 15.5 | 6.8 | 0.5 | 0.7 | T | 0.0 | 35.0 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 13.8 | 8.2 | 11.0 | 6.3 | T | 0.8 | 0.0 | 0.0 | 40.1 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 6.5 | 15.3 | 8.2 | 9.8 | 4.5 | T | 0.0 | 0.0 | 44.3 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.2 | 11.4 | 14.5 | 9.0 | T | T | T | T | 0.0 | 35.1 |
| 1989-90 | 0.0 | 0.0 | T | 0.6 | 3.6 | 10.6 | 17.7 | 17.8 | 1.0 | T | 0.0 | 0.0 | 51.3 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 1.2 | 2.4 | 5.2 | 5.3 | 13.7 | 17.9 | 0.7 | T | 0.0 | 46.4 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 1.0 | 7.9 | 30.7 | 12.0 | 19.8 | 19.5 | T | 0.0 | 0.0 | 90.9 |
| 1992-93 | 0.0 | 0.0 | T | 0.3 | 9.6 | 14.7 | 9.3 | 6.0 | 5.1 | 0.0 | 0.0 | 0.0 | 45.0 |
| 1993-94 | 0.0 | 0.0 | 0.0 | T | 0.6 | 9.7 | 3.0 | 8.8 | 17.2 | 0.3 | 0.0 | 0.0 | 39.6 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 1.8 | 10.7 | 20.1 | 13.0 | 3.2 | 17.0 | T | 0.0 | 0.0 | 65.8 |
| 1995-96 | 0.0 | 0.0 | 0.0 | T | 3.0 | 2.3 | 2.3 | 34.8 | 1.5 | 3.3 | 0.0 | 0.0 | 47.2 |
| 1996-97 | 0.0 | 0.0 | T | 7.3 | .1 | 11.2 | 20.4 | 2.1 | 4.6 | 3.7 | 0.0 | 0.0 | 49.4 |
| 1997-98 | 0.0 | 0.0 | 0.0 | 11.2 | 9.7 | | | | | | | | |
| 1998-99 | | | | | | | | | | | | | |
| 1999-00 | | | | | | | | | | | | | |
| 2000-01 | | | | | | | | | | | | | |
| 2001-02 | | | | | | | | | | | | | |
| 2002-03 | | | | | | | | | | | | | |
| 2003-04 | | | | | | | | | | | | | |
| 2004-05 | | | | | | | | | | | | | |
| 2005- | | | | | | | | | | | | | |
| POR= 63 YRS | 0.0 | 0.0 | T | 2.0 | 7.3 | 11.9 | 9.6 | 11.4 | 9.2 | 2.8 | 0.3 | 0.0 | 54.5 |

WBAN : 25507

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. 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 CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.</p> <p>GENERAL CONTINUED: 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</p> | <p>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. 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. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS: http://www.ncdc.noaa.gov/homr/ SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p>NOTE: The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> |
|---|---|

2013 HOMER ALASKA (PAHO)

Homer Airport is located at the head of Coal Bay, on the north shore of Kachemak Bay just to the east of its confluence with Cook Inlet. The shoreline to either side of the station curves toward the north, such that water lies within a mile to the south, west and east. To the northwest through northeast the ground has a gradual rise to 500 feet at a distance of 1 1/2 miles and then rises abruptly to 1,000 feet at a distance of 2 miles from the station. The nearest 1,500-foot elevation in this direction is Lookout Mountain, 4 miles to the north and northeast. The nearest 2,000-foot elevation lies about 12 miles to the southeast across Kachemak Bay, in the foothills of the Kenai Mountains. The width of the bay in this direction is approximately 9 miles. Continuing southeastward beyond Kachemak Bay, at a distance of 15 to 20 miles, is the ridgeline of the northeast-southwest oriented Kenai Mountains with elevations of 4,000 to 6,000 feet.

The climate of Homer is marine but with precipitation amounts modified by the Kenai Mountains. The annual precipitation is reduced when air being lifted over mountains leaves most of its moisture on the windward side. For this reason the usual Gulf Coast amount of near 60 inches is reduced to less than half that amount. The relatively low annual snowfall is a reflection of the mild winter temperatures. Often precipitation will begin as snow but turn to rain shortly afterwards. The occurrence of the heaviest monthly amounts during the fall and winter months is the result of the increased frequency of storms into the Western Gulf of Alaska during those months.

Temperatures experienced at Homer are more nearly representative of marine climate than is precipitation. Winters are mild, seldom getting colder than zero, and summers are cool with the maximum temperature seldom going above 70 degrees. The growing season is about 100 days.

Surface winds at the station are seldom strong even in winter. However, a short distance to the southeast, over Kachemak Bay, and to the west over Cook Inlet, wind speeds requiring warnings to small craft are fairly common in winter and summer.

The occurrence of a thunderstorm is rare. Heavy fog is infrequent and of short duration, but patchy ground fog is common in spring and fall.

Station History

HOMER, AK

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|--------------------|------------|------------|----------|-----------|----------------|------------|---------------|
| HOMER MUNICIPAL AP | 1942-12-12 | 1949-09-01 | 59° 37' | -151° 30' | | | AIRWAYS |
| HOMER MUNICIPAL AP | 1971-01-01 | 1973-01-01 | 59° 37' | -151° 30' | 69 | | AIRWAYS, COOP |
| HOMER AP | 1982-10-01 | 1997-12-01 | 59° 37' | -151° 30' | 89 | | COOP |
| HOMER AP | 2011-11-30 | Present | 59° 38' | -151° 29' | 64 | | ASOS, COOP |
| HOMER MUNICIPAL AP | 1949-09-01 | 1971-01-01 | 59° 37' | -151° 30' | 72 | | AIRWAYS, COOP |
| HOMER MUNICIPAL AP | 1981-09-01 | 1981-12-31 | 59° 37' | -151° 30' | 89 | .25 MI SE | COOP, WXSVC |
| HOMER AP | 2001-12-04 | 2010-08-16 | 59° 38' | -151° 29' | 64 | .2 MI NNW | ASOS, COOP |
| HOMER MUNICIPAL AP | 1973-01-01 | 1981-09-01 | 59° 37' | -151° 30' | 69 | | COOP, WXSVC |
| HOMER AP | 1939-02-01 | 1942-12-12 | 59° 37' | -151° 30' | | | AIRWAYS |
| HOMER AP | 2010-08-16 | 2011-03-02 | 59° 38' | -151° 29' | 64 | | ASOS, COOP |
| HOMER AP | 2011-03-02 | 2011-11-30 | 59° 38' | -151° 29' | 64 | | ASOS, COOP |
| HOMER MUNICIPAL AP | 1981-12-31 | 1982-10-01 | 59° 37' | -151° 30' | 89 | | COOP |
| HOMER AP | 1997-12-01 | 2001-12-04 | 59° 38' | -151° 28' | 89 | | ASOS, COOP |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| TEMP | 2010-08-16 | Present | DAILY | 2400 | ATEMP | | |
| TEMP | 1986-11-01 | 2001-12-04 | DAILY | 2400 | MXMN | | |
| TEMP | 2001-12-04 | 2010-08-16 | DAILY | 2400 | ATEMP | | |
| PRECIP | 2010-08-16 | Present | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| PRECIP | 2010-08-16 | Present | DAILY | 2400 | PCPNX | | |
| PRECIP | 1939-02-01 | 1986-11-01 | DAILY | 2400 | | | |
| TEMP | 1939-02-01 | 1986-11-01 | DAILY | 2400 | | | |
| PRECIP | 1986-11-01 | 2001-12-04 | DAILY | 2400 | SRG | | |
| PRECIP | 2001-12-04 | 2010-08-16 | DAILY | 2400 | TB | RCRD | |

* For explanation of codes and abbreviations see Station Metadata link below.

Other Station Information can be found at:

ASOS Implementation by NWS: <http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm>

Station Metadata website: <http://www.ncdc.noaa.gov/homr>

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2

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Email : ncdc.orders@noaa.gov

NOAA/National Climatic Data Center

Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

Visit our Web Site for other weather data: www.ncdc.noaa.gov