

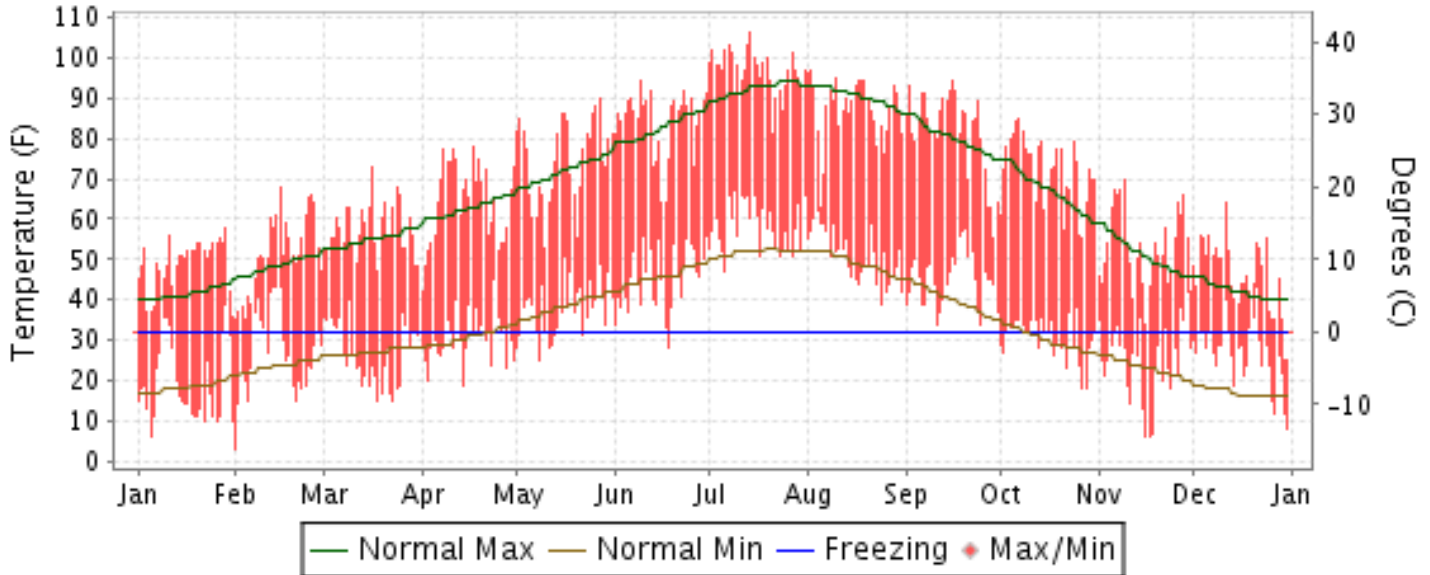


2014 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

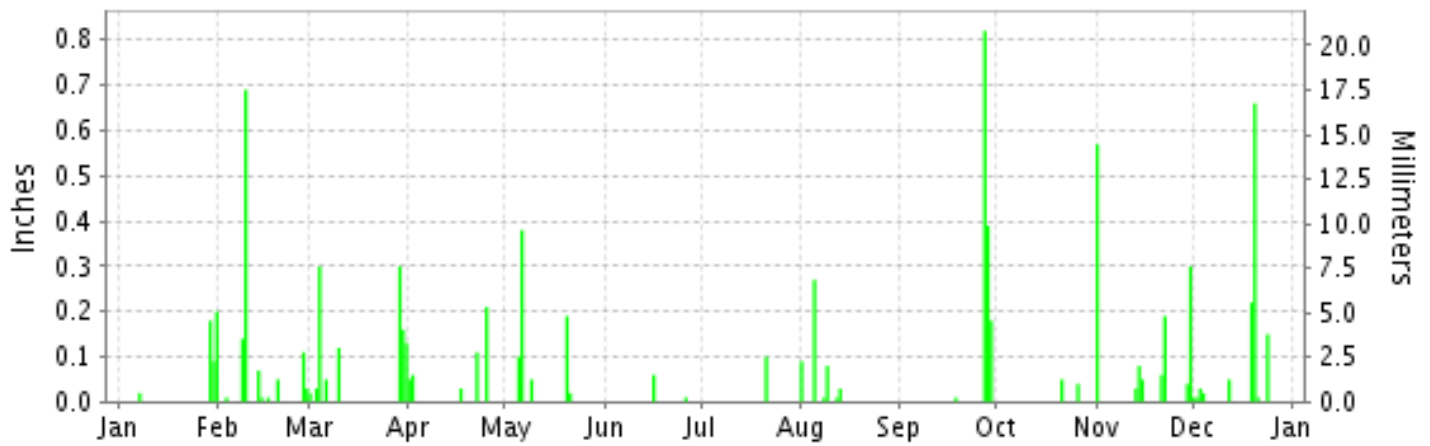
ISSN 0198-3342

WINNEMUCCA, NEVADA (KWMC)

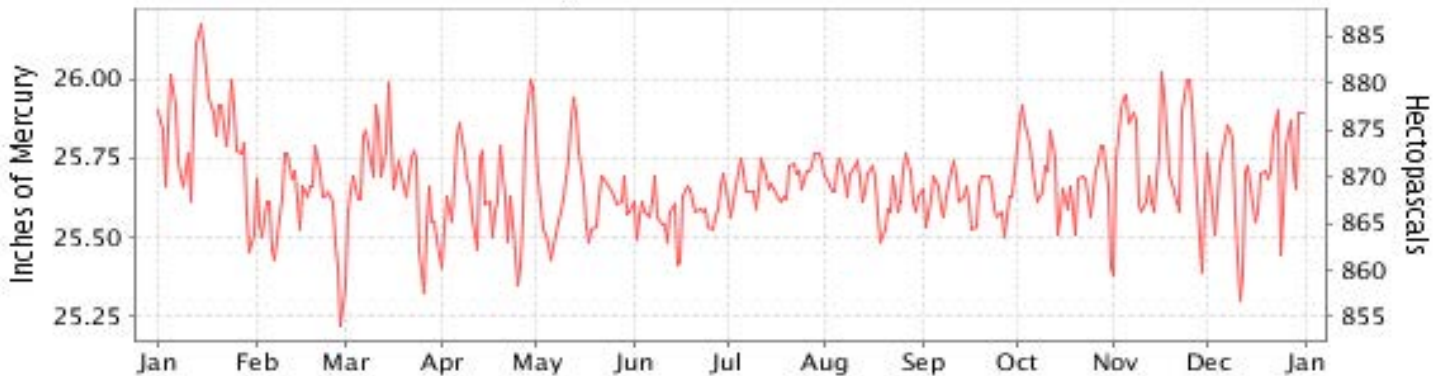
Daily Max/Min Temperature



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 2014

WINNEMUCCA (KWMC)

LATITUDE: 40° 54'N LONGITUDE: 117° 48'W ELEVATION (FT): GRND: 4296 BARO: 4300 TIME ZONE: PACIFIC (UTC -8) WBAN: 24128

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|--|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 48.9 | 51.6 | 57.5 | 64.2 | 74.5 | 84.2 | 96.7 | 86.9 | 81.9 | 72.1 | 53.0 | 45.7 | 68.1 | |
| | HIGHEST DAILY MAXIMUM | 58 | 68 | 73 | 78 | 90 | 94 | 106 | 97 | 94 | 85 | 70 | 64 | 106 | |
| | DATE OF OCCURRENCE | 29 | 15 | 16 | 17 | 27 | 09 | 14 | 02 | 16 | 07 | 09 | 11 | JUL 14 | |
| | MEAN DAILY MINIMUM | 19.0 | 26.8 | 26.7 | 30.3 | 37.7 | 45.2 | 58.2 | 51.0 | 45.1 | 30.5 | 25.0 | 26.5 | 35.2 | |
| | LOWEST DAILY MINIMUM | 6 | 3 | 15 | 19 | 25 | 28 | 47 | 39 | 34 | 18 | 6 | 8 | 3 | |
| | DATE OF OCCURRENCE | 05 | 01 | 23+ | 14 | 08 | 18 | 06 | 24 | 25+ | 28+ | 17+ | 31 | FEB 01 | |
| | AVERAGE DRY BULB | 34.0 | 39.2 | 42.1 | 47.3 | 56.1 | 64.7 | 77.5 | 69.0 | 63.5 | 51.3 | 39.0 | 36.1 | 51.7 | |
| | MEAN WET BULB | 28.4 | 33.7 | 34.6 | 38.2 | 43.4 | 47.9 | 56.0 | 53.6 | 48.1 | 39.6 | 33.1 | 32.7 | 40.8 | |
| | MEAN DEW POINT | 21.5 | 25.9 | 22.8 | 23.8 | 25.5 | 26.2 | 35.5 | 38.7 | 31.1 | 25.5 | 25.2 | 27.6 | 27.4 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 1 | 6 | 29 | 13 | 7 | 0 | 0 | 0 | 56 | |
| | MAXIMUM <= 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| MINIMUM <= 32° | 27 | 20 | 22 | 22 | 9 | 1 | 0 | 0 | 0 | 20 | 23 | 27 | 171 | | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| H/C | HEATING DEGREE DAYS | 956 | 715 | 703 | 525 | 275 | 74 | 0 | 19 | 85 | 420 | 770 | 885 | 5427 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 0 | 9 | 74 | 394 | 148 | 49 | 0 | 0 | 0 | 674 | |
| RH | MEAN (PERCENT) | 68 | 64 | 53 | 45 | 37 | 25 | 25 | 37 | 36 | 42 | 64 | 73 | 47 | |
| | HOUR 04 LST | 83 | 77 | 71 | 70 | 63 | 46 | 45 | 63 | 53 | 65 | 79 | 80 | 66 | |
| | HOUR 10 LST | 53 | 50 | 38 | 34 | 24 | 18 | 17 | 27 | 27 | 26 | 52 | 65 | 36 | |
| | HOUR 16 LST | 53 | 49 | 34 | 24 | 21 | 13 | 14 | 22 | 24 | 22 | 54 | 70 | 33 | |
| | HOUR 22 LST | 78 | 71 | 61 | 52 | 43 | 28 | 29 | 41 | 41 | 51 | 71 | 78 | 54 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 4 | |
| PR | MEAN STATION PRESS. (IN.) | 25.83 | 25.60 | 25.67 | 25.64 | 25.63 | 25.58 | 25.68 | 25.65 | 25.62 | 25.69 | 25.75 | 25.69 | 25.67 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.30 | 29.99 | 30.06 | 29.99 | 29.95 | 29.85 | 29.91 | 29.92 | 29.90 | 30.04 | 30.17 | 30.11 | 30.02 | |
| WINDS | RESULTANT SPEED (MPH) | 1.1 | 4.2 | 2.5 | 2.0 | 3.3 | 2.9 | 1.9 | 1.1 | 1.1 | 0.6 | 1.0 | 0.8 | 1.3 | |
| | RES. DIR. (TENS OF DEGS.) | 18 | 20 | 22 | 28 | 28 | 28 | 32 | 28 | 32 | 19 | 22 | 13 | 26 | |
| | MEAN SPEED (MPH) | 5.4 | 7.9 | 7.8 | 8.0 | 8.8 | 8.1 | 7.5 | 6.9 | 7.9 | 5.5 | 6.9 | 7.7 | 7.4 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 18 | 17 | 18 | 26 | 28 | 25 | 27 | 15 | 04 | 14 | 03 | 17 | 17 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 33 | 33 | 36 | 30 | 30 | 36 | 38 | 36 | 38 | 36 | 38 | 44 | 44 | |
| | DIR. (TENS OF DEGS.) | 21 | 22 | 22 | 30 | 23 | 28 | 15 | 01 | 15 | 29 | 22 | 28 | 28 | |
| | DATE OF OCCURRENCE | 11 | 15 | 17 | 22 | 27 | 25 | 20 | 09 | 20 | 25 | 29 | 24 | DEC 24 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 43 | 44 | 48 | 39 | 41 | 46 | 48 | 46 | 45 | 47 | 49 | 59 | 59 | |
| DIR. (TENS OF DEGS.) | 20 | 23 | 22 | 31 | 22 | 28 | 14 | 01 | 14 | 29 | 27 | 26 | 26 | | |
| DATE OF OCCURRENCE | 11 | 15 | 06 | 22 | 03 | 25 | 20 | 09 | 20 | 25 | 22 | 24 | DEC 24 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.49 | 1.12 | 1.11 | 0.46 | 0.74 | 0.07 | 0.10 | 0.49 | 1.40 | 0.09 | 1.32 | 1.16 | 8.55 | |
| | GREATEST 24-HOUR (IN.) | 0.29 | 0.69 | 0.46 | 0.21 | 0.48 | 0.06 | 0.10 | 0.27 | 1.21 | 0.05 | 0.57 | 0.70 | 1.21 | |
| | DATE OF OCCURRENCE | 30-31 | 09 | 29-30 | 25 | 05-06 | 16 | 21 | 05 | 27-28 | 21 | 01 | 19-20 | SEP 27-28 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 4 | 9 | 8 | 5 | 5 | 2 | 1 | 6 | 4 | 2 | 8 | 9 | 63 | | |
| PRECIPITATION 0.10 | 2 | 3 | 5 | 2 | 3 | 0 | 1 | 1 | 3 | 0 | 3 | 3 | 26 | | |
| PRECIPITATION 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | 4.7 | 0.3 | 0.7 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 2.3 | T | 9.2 | |
| | TOTAL (IN.) | 3.9 | 0.3 | 0.7 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 1.8 | T | 3.9 | |
| | GREATEST 24-HOUR (IN.) | 31 | 19 | 30 | 02 | | | | | 27 | | 30 | 28+ | JAN 31 | |
| | DATE OF OCCURRENCE | 5 | 3 | T | T | 0 | 0 | 0 | 0 | 0 | 0 | T | 2 | 5 | |
| | MAXIMUM SNOW DEPTH (IN.) | 31 | 01 | 30 | 02+ | | | | | | | 30+ | 01 | JAN 31 | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | | |

NORMALS, MEANS, AND EXTREMES WINNEMUCCA (KWMC)

LATITUDE: 40° 54'N **LONGITUDE:** 117° 48'W **ELEVATION (FT):** GRND: 4296 BARO: 4300 **TIME ZONE:** PACIFIC (UTC -8) **WBAN: 24128**

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 41.6 | 47.5 | 55.7 | 62.5 | 72.2 | 82.9 | 93.2 | 91.3 | 80.9 | 66.9 | 51.4 | 41.3 | 65.6 |
| | MEAN DAILY MAXIMUM | 65 | 41.9 | 48.1 | 54.7 | 62.2 | 72.1 | 82.3 | 93.1 | 90.5 | 81.0 | 67.7 | 52.6 | 42.6 | 65.7 |
| | HIGHEST DAILY MAXIMUM | 65 | 68 | 74 | 81 | 90 | 98 | 106 | 109 | 108 | 103 | 94 | 77 | 67 | 109 |
| | YEAR OF OCCURRENCE | | 1971 | 1986 | 1972 | 2012 | 2003 | 2013 | 2002 | 1983 | 1950 | 2010 | 1980 | 2007 | JUL 2002 |
| | MEAN OF EXTREME MAXS. | 65 | 56.7 | 62.7 | 70.8 | 79.4 | 89.3 | 97.4 | 102.0 | 100.4 | 94.0 | 84.2 | 69.0 | 58.2 | 80.3 |
| | NORMAL DAILY MINIMUM | 30 | 18.7 | 22.8 | 26.6 | 30.7 | 37.9 | 45.4 | 51.8 | 48.8 | 39.6 | 29.5 | 22.4 | 17.4 | 32.6 |
| | MEAN DAILY MINIMUM | 65 | 17.6 | 22.6 | 25.3 | 29.7 | 37.5 | 45.1 | 51.7 | 48.3 | 39.2 | 29.2 | 22.4 | 17.3 | 32.2 |
| | LOWEST DAILY MINIMUM | 65 | -24 | -28 | -3 | 6 | 10 | 23 | 29 | 28 | 12 | -2 | -10 | -37 | -37 |
| | YEAR OF OCCURRENCE | | 1963 | 1985 | 1971 | 1972 | 2002 | 2001 | 1983 | 1992 | 1958 | 2002 | 2010 | 1990 | DEC 1990 |
| | MEAN OF EXTREME MINS. | 65 | -1.9 | 4.5 | 10.3 | 15.9 | 23.2 | 31.0 | 39.2 | 36.0 | 25.4 | 14.9 | 5.5 | -2.3 | 16.8 |
| | NORMAL DRY BULB | 30 | 30.1 | 35.2 | 41.1 | 46.6 | 55.1 | 64.2 | 72.5 | 70.0 | 60.3 | 48.2 | 36.9 | 29.4 | 49.1 |
| | MEAN DRY BULB | 65 | 29.8 | 35.4 | 40.0 | 46.0 | 54.8 | 63.8 | 72.4 | 69.4 | 60.1 | 48.5 | 37.5 | 29.9 | 49.0 |
| | MEAN WET BULB | 31 | 24.8 | 28.3 | 31.6 | 34.7 | 40.7 | 44.4 | 47.7 | 45.8 | 40.7 | 34.8 | 29.7 | 24.1 | 35.6 |
| | MEAN DEW POINT | 31 | 22.9 | 25.5 | 27.9 | 29.9 | 35.1 | 38.6 | 41.4 | 38.8 | 34.5 | 28.8 | 25.6 | 21.9 | 30.9 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 8.6 | 22.5 | 19.8 | 5.5 | 0.2 | 0.0 | 0.0 | 58.0 |
| | MAXIMUM <= 32 | 30 | 4.6 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 4.3 | 10.9 |
| MINIMUM <= 32 | 30 | 28.0 | 24.2 | 23.8 | 16.8 | 7.0 | 0.9 | 0.0 | 0.1 | 4.9 | 19.5 | 25.4 | 28.1 | 178.7 | |
| MINIMUM <= 0 | 30 | 1.7 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 2.0 | 4.8 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1080 | 836 | 739 | 552 | 320 | 105 | 10 | 20 | 174 | 521 | 843 | 1105 | 6305 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 0 | 11 | 79 | 243 | 177 | 31 | 0 | 0 | 0 | 541 |
| RH | NORMAL (PERCENT) | 30 | 72 | 65 | 58 | 48 | 45 | 38 | 29 | 29 | 37 | 48 | 63 | 71 | 50 |
| | HOURLY 04 LST | 30 | 80 | 76 | 73 | 68 | 65 | 58 | 47 | 47 | 55 | 65 | 75 | 79 | 66 |
| | HOURLY 10 LST | 30 | 69 | 60 | 50 | 40 | 35 | 29 | 23 | 23 | 30 | 40 | 57 | 66 | 44 |
| | HOURLY 16 LST | 30 | 58 | 47 | 38 | 30 | 28 | 22 | 16 | 17 | 21 | 28 | 45 | 56 | 34 |
| | HOURLY 22 LST | 30 | 77 | 70 | 64 | 54 | 50 | 42 | 32 | 33 | 43 | 54 | 69 | 75 | 55 |
| S | PERCENT POSSIBLE SUNSHINE | 42 | 51 | 56 | 60 | 66 | 72 | 77 | 86 | 85 | 82 | 74 | 54 | 52 | 68 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 51 | 2.2 | 0.9 | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.6 | 1.5 | 6.4 |
| | THUNDERSTORMS | 58 | 0.0 | 0.2 | 0.4 | 0.9 | 2.6 | 2.8 | 3.1 | 3.2 | 1.7 | 0.5 | 0.1 | 0.1 | 15.6 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | | | 3.2 | 6.4 | | 4.8 | 2.4 | | | | | | | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | | | | 7.2 | | 4.8 | 2.4 | | | 0.8 | | | | |
| | MEAN NO. DAYS WITH: CLEAR | | | 10.5 | 8.0 | 2.0 | 12.0 | 14.0 | 4.0 | 14.0 | 14.0 | 11.0 | | 4.0 | |
| | PARTLY CLOUDY | 2 | 1.5 | 3.5 | 2.0 | | 5.0 | 1.0 | | | 3.0 | 3.0 | | 2.0 | |
| | CLOUDY | 1 | 8.0 | 8.0 | 18.5 | 7.0 | 5.5 | 4.0 | | 1.0 | | | 4.0 | | |
| PR | MEAN STATION PRESSURE(IN) | 31 | 25.74 | 25.67 | 25.63 | 25.61 | 25.60 | 25.61 | 25.65 | 25.65 | 25.66 | 25.69 | 25.72 | 25.73 | 25.66 |
| | MEAN SEA-LEVEL PRES. (IN) | 31 | 30.21 | 30.09 | 30.02 | 29.97 | 29.92 | 29.88 | 29.89 | 29.91 | 29.96 | 30.06 | 30.14 | 30.19 | 30.02 |
| WINDS | MEAN SPEED (MPH) | 31 | 7.0 | 7.8 | 8.4 | 8.5 | 8.5 | 8.5 | 7.9 | 7.6 | 7.2 | 6.8 | 7.1 | 7.0 | 7.7 |
| | PREVAIL.DIR(TENS OF DEGS) | 20 | 19 | 19 | 19 | 28 | 28 | 28 | 28 | 28 | 05 | 17 | 19 | 19 | 19 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 20 | 44 | 48 | 46 | 49 | 40 | 46 | 52 | 51 | 52 | 48 | 48 | 48 | 52 |
| | DIR. (TENS OF DEGS) | | 19 | 25 | 26 | 24 | 15 | 27 | 27 | 24 | 15 | 29 | 22 | 20 | 27 |
| | YEAR OF OCCURRENCE | | 2008 | 1999 | 2010 | 2010 | 2006 | 2012 | 2013 | 1996 | 2011 | 1996 | 1998 | 1995 | JUL 2013 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 20 | 59 | 55 | 58 | 68 | 66 | 60 | 66 | 58 | 63 | 54 | 60 | 63 | 68 |
| | DIR. (TENS OF DEGS) | | 19 | 25 | 26 | 23 | 16 | 26 | 27 | 24 | 15 | 28 | 21 | 20 | 23 |
| YEAR OF OCCURRENCE | | 2008 | 2013 | 2010 | 2010 | 2006 | 2012 | 2013 | 1996 | 2011 | 1996 | 1998 | 1995 | APR 2010 | |
| PRECIPITATION | NORMAL (IN) | 30 | 0.87 | 0.66 | 0.83 | 0.89 | 1.12 | 0.56 | 0.25 | 0.18 | 0.44 | 0.67 | 0.88 | 0.93 | 8.28 |
| | MAXIMUM MONTHLY (IN) | 65 | 2.70 | 2.17 | 2.06 | 2.92 | 3.57 | 2.86 | 1.74 | 1.74 | 2.80 | 2.72 | 2.66 | 3.66 | 3.66 |
| | YEAR OF OCCURRENCE | | 1956 | 1962 | 2011 | 1978 | 1998 | 1958 | 1984 | 1979 | 1998 | 2010 | 1950 | 1983 | DEC 1983 |
| | MINIMUM MONTHLY (IN) | 65 | 0.04 | 0.08 | 0.03 | 0.06 | T | 0.00 | 0.00 | 0.00 | 0.00 | T | T | 0.01 | 0.00 |
| | YEAR OF OCCURRENCE | | 1966 | 1967 | 2004 | 1959 | 1985 | 1994 | 1963 | 1969 | 1974 | 1995 | 1959 | 2011 | JUN 1994 |
| | MAXIMUM IN 24 HOURS (IN) | 65 | 0.91 | 0.74 | .88 | 1.70 | 1.70 | 1.79 | 0.86 | 0.79 | 1.30 | 1.64 | 1.58 | 0.95 | 1.79 |
| | YEAR OF OCCURRENCE | | 2006 | 2002 | 2005 | 2006 | 1987 | 1958 | 1984 | 1990 | 1998 | 1951 | 1950 | 1996 | JUN 1958 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 8.2 | 7.8 | 8.2 | 7.7 | 6.8 | 4.1 | 2.3 | 2.0 | 3.2 | 4.7 | 7.8 | 8.0 | 70.8 |
| PRECIPITATION >= 1.00 | 30 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | |
| SNOWFALL | NORMAL (IN) | 30 | 3.8 | 3.4 | 3.2 | 1.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 3.0 | 5.3 | 20.9 |
| | MAXIMUM MONTHLY (IN) | 59 | 19.2 | 14.3 | 23.4 | 12.0 | 5.4 | 0.2 | T | T | 1.0 | 7.4 | 19.6 | 20.4 | 23.4 |
| | YEAR OF OCCURRENCE | | 1993 | 2011 | 1952 | 1964 | 1965 | 1995 | 2013 | 1990 | 1986 | 1984 | 1985 | 2008 | MAR 1952 |
| | MAXIMUM IN 24 HOURS (IN) | 58 | 8.8 | 9.9 | 9.0 | 7.2 | 4.3 | 0.2 | T | T | 1.0 | 4.9 | 5.7 | 8.4 | 9.9 |
| | YEAR OF OCCURRENCE | | 1993 | 1959 | 1982 | 1971 | 1971 | 1995 | 2013 | 1990 | 1986 | 1984 | 1985 | 1955 | FEB 1959 |
| | MAXIMUM SNOW DEPTH (IN) | 56 | 9 | 9 | 7 | 4 | 3 | 0 | 0 | T | 0 | 3 | 7 | 30 | 30 |
| | YEAR OF OCCURRENCE | | 2005 | 2011 | 1982 | 1971 | 1965 | | | 1990 | | 1984 | 1955 | 2006 | DEC 2006 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 1.6 | 1.2 | 1.1 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.1 | 1.8 | 7.5 | |

PRECIPITATION (inches) 2014 WINNEMUCCA (KWMC)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1985 | 0.83 | 0.68 | 0.73 | 0.20 | T | 0.04 | 0.45 | 0.02 | 0.52 | 0.19 | 2.51 | 0.84 | 7.01 |
| 1986 | 0.32 | 0.86 | 0.39 | 0.75 | 1.07 | 0.12 | 0.02 | 0.27 | 0.81 | 0.73 | 0.10 | 0.07 | 5.51 |
| 1987 | 0.53 | 0.51 | 1.32 | 0.54 | 3.38 | 0.46 | 0.19 | T | T | 0.57 | 0.86 | 0.68 | 9.04 |
| 1988 | 1.19 | 0.22 | 0.10 | 1.55 | 0.46 | 0.52 | 0.07 | 0.17 | 0.28 | 0.04 | 1.62 | 0.51 | 6.73 |
| 1989 | 0.19 | 0.71 | 0.89 | 0.21 | 0.40 | 0.33 | T | 0.44 | 0.93 | 0.59 | 0.77 | 0.10 | 5.56 |
| 1990 | 0.47 | 0.45 | 0.59 | 1.33 | 1.22 | 0.21 | 0.09 | 0.97 | 0.21 | 0.06 | 0.17 | 0.60 | 6.37 |
| 1991 | 0.35 | 0.31 | 1.15 | 0.47 | 1.71 | 0.54 | 0.10 | 0.29 | 0.81 | 0.63 | 0.81 | 0.63 | 7.80 |
| 1992 | 0.09 | 0.21 | 1.02 | 0.08 | 0.02 | 0.43 | 0.07 | 0.05 | 0.07 | 0.49 | 0.60 | 1.01 | 4.14 |
| 1993 | 2.02 | 0.50 | 1.30 | 0.45 | 0.68 | 1.03 | 0.18 | 0.04 | 0.03 | 0.54 | 0.16 | 0.34 | 7.27 |
| 1994 | 0.43 | 0.79 | 0.38 | 1.44 | 1.29 | 0.00 | 0.38 | 0.02 | 0.21 | 0.44 | 1.68 | 0.52 | 7.58 |
| 1995 | 1.32 | 0.26 | 1.61 | 1.10 | 2.23 | 1.21 | 0.28 | 0.00 | 0.06 | T | 0.11 | 1.63 | 9.81 |
| 1996 | 1.65 | 1.10 | 0.91 | 0.57 | 1.25 | 0.44 | 0.14 | 0.07 | 0.57 | 0.45 | 0.57 | 2.98 | 10.70 |
| 1997 | 1.60 | 0.08 | 0.08 | 1.60 | 0.48 | 2.06 | 0.43 | 0.01 | 0.28 | 0.23 | 0.78 | 0.25 | 7.88 |
| 1998 | 1.60 | 1.60 | 1.23 | 1.44 | 3.57 | 0.90 | 0.06 | T | 2.80 | 1.10 | 0.89 | 0.42 | 15.61 |
| 1999 | 1.28 | 0.77 | 0.10 | 0.84 | 0.36 | 1.16 | 0.01 | 0.16 | 0.12 | 0.24 | 0.21 | 0.08 | 5.33 |
| 2000 | 1.31 | 1.59 | 0.88 | 1.08 | 1.35 | 0.01 | 0.05 | 0.69 | 0.85 | 1.71 | 0.28 | 0.31 | 10.11 |
| 2001 | 0.58 | 0.69 | 0.26 | 0.77 | 0.09 | 0.03 | 0.20 | 0.01 | 0.22 | 0.11 | 0.94 | 0.94 | 4.84 |
| 2002 | 0.84 | 0.89 | 0.97 | 0.64 | 0.43 | 0.26 | T | T | 0.24 | 0.13 | 1.28 | 0.39 | 6.07 |
| 2003 | 1.28 | 0.39 | 0.63 | 1.03 | 1.72 | 0.01 | 0.19 | 0.09 | 0.38 | 0.09 | 0.83 | 1.78 | 8.42 |
| 2004 | 0.52 | 1.05 | 0.03 | 0.28 | 0.74 | 0.23 | 0.10 | 0.12 | 0.20 | 1.58 | 1.28 | 0.56 | 6.69 |
| 2005 | 1.04 | 0.50 | 1.54 | 0.37 | 2.09 | 0.50 | T | T | 0.31 | 0.87 | 0.62 | 2.26 | 10.10 |
| 2006 | 1.73 | 0.25 | 1.22 | 2.82 | 0.69 | 0.54 | 0.07 | T | 0.05 | 0.35 | 0.94 | 0.59 | 9.25 |
| 2007 | 0.26 | 1.49 | 0.13 | 1.06 | 0.55 | 0.27 | 0.06 | 0.03 | 0.23 | 0.81 | 0.58 | 0.67 | 6.14 |
| 2008 | 0.67 | 0.73 | 0.29 | 0.31 | 1.09 | 0.37 | 0.34 | 0.01 | 0.02 | 0.22 | 0.43 | 1.09 | 5.57 |
| 2009 | 1.11 | 0.26 | 0.69 | 0.97 | 0.62 | 1.34 | 0.35 | 0.17 | 0.02 | 0.48 | 0.41 | 0.85 | 7.27 |
| 2010 | 0.87 | 0.41 | 1.13 | 1.84 | 1.72 | T | 0.18 | 0.21 | 0.22 | 2.72 | 1.37 | 1.59 | 12.26 |
| 2011 | 0.28 | 1.35 | 2.06 | 1.95 | 1.45 | 0.66 | 0.11 | 0.01 | 0.15 | 0.66 | 0.50 | 0.01 | 9.19 |
| 2012 | 0.75 | 0.54 | 1.00 | 0.66 | 0.13 | 0.14 | 0.03 | 0.13 | 0.03 | 0.53 | 0.19 | 1.69 | 5.82 |
| 2013 | 0.37 | 0.09 | 0.33 | 0.55 | 0.49 | 0.13 | 0.30 | 0.15 | 0.65 | 1.48 | 0.57 | 0.61 | 5.72 |
| 2014 | 0.49 | 1.12 | 1.11 | 0.46 | 0.74 | 0.07 | 0.10 | 0.49 | 1.40 | 0.09 | 1.32 | 1.16 | 8.55 |
| POR= 65 YRS | 0.86 | 0.67 | 0.78 | 0.84 | 0.93 | 0.73 | 0.22 | 0.29 | 0.42 | 0.63 | 0.83 | 0.89 | 8.09 |

WBAN : 24128

AVERAGE TEMPERATURE (°F) 2014 WINNEMUCCA (KWMC)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1985 | 19.1 | 27.2 | 36.9 | 48.9 | 54.7 | 68.0 | 74.7 | 66.9 | 55.1 | 44.9 | 28.0 | 26.7 | 45.9 |
| 1986 | 38.7 | 41.1 | 45.8 | 46.7 | 53.7 | 68.4 | 69.8 | 72.9 | 54.4 | 49.0 | 38.3 | 29.0 | 50.7 |
| 1987 | 26.7 | 34.5 | 40.2 | 51.3 | 58.4 | 66.7 | 67.9 | 70.3 | 62.4 | 53.1 | 39.1 | 28.8 | 50.0 |
| 1988 | 27.5 | 37.1 | 40.0 | 48.9 | 53.8 | 66.7 | 75.7 | 70.7 | 58.9 | 55.0 | 38.4 | 27.8 | 50.0 |
| 1989 | 22.0 | 27.3 | 43.8 | 50.7 | 54.4 | 65.7 | 73.1 | 67.1 | 60.2 | 48.0 | 37.4 | 30.2 | 48.3 |
| 1990 | 31.7 | 29.6 | 42.6 | 52.7 | 53.0 | 64.2 | 73.9 | 70.2 | 65.4 | 49.7 | 35.3 | 16.6 | 48.7 |
| 1991 | 26.2 | 40.3 | 39.1 | 43.2 | 50.1 | 61.2 | 74.8 | 71.1 | 63.3 | 50.8 | 38.9 | 29.2 | 49.0 |
| 1992 | 31.6 | 40.0 | 44.4 | 52.2 | 62.6 | 65.7 | 70.5 | 71.9 | 61.3 | 50.6 | 34.8 | 26.1 | 51.0 |
| 1993 | 20.8 | 29.4 | 46.5 | 46.8 | 59.3 | 60.0 | 65.3 | 67.2 | 61.0 | 50.2 | 30.7 | 30.6 | 47.3 |
| 1994 | 31.6 | 33.6 | 44.3 | 49.1 | 58.4 | 66.5 | 76.3 | 71.2 | 62.0 | 46.5 | 30.9 | 29.5 | 50.0 |
| 1995 | 37.1 | 41.9 | 40.4 | 43.9 | 51.4 | 59.3 | 69.9 | 68.3 | 61.2 | 48.0 | 42.8 | 33.7 | 49.8 |
| 1996 | 33.5 | 36.0 | 41.2 | 46.7 | 54.1 | 64.3 | 75.0 | 70.4 | 57.4 | 47.5 | 39.1 | 33.9 | 49.9 |
| 1997 | 31.5 | 34.4 | 42.9 | 44.7 | 59.4 | 62.2 | 69.4 | 69.5 | 61.8 | 47.1 | 39.4 | 28.2 | 49.2 |
| 1998 | 36.5 | 35.6 | 39.2 | 43.9 | 49.0 | 59.1 | 73.6 | 70.8 | 62.7 | 45.3 | 38.9 | 24.8 | 48.3 |
| 1999 | 33.0 | 36.5 | 39.3 | 42.8 | 52.5 | 62.5 | 70.0 | 67.9 | 60.6 | 49.0 | 41.6 | 28.8 | 48.7 |
| 2000 | 33.2 | 39.1 | 40.4 | 50.4 | 55.9 | 66.7 | 70.3 | 70.4 | 58.9 | 47.2 | 32.0 | 30.5 | 49.6 |
| 2001 | 27.1 | 32.2 | 43.2 | 43.7 | 61.5 | 65.6 | 71.8 | 72.5 | 62.6 | 50.8 | 39.2 | 31.8 | 50.2 |
| 2002 | 30.4 | 36.0 | 37.4 | 47.6 | 53.6 | 66.5 | 75.9 | 67.8 | 60.3 | 44.5 | 37.0 | 34.7 | 49.3 |
| 2003 | 40.2 | 32.6 | 42.1 | 44.4 | 55.4 | 67.4 | 75.6 | 71.5 | 61.3 | 52.4 | 34.1 | 33.8 | 50.9 |
| 2004 | 28.6 | 33.3 | 46.5 | 49.5 | 55.2 | 65.9 | 74.2 | 70.0 | 58.8 | 47.3 | 36.0 | 31.1 | 49.7 |
| 2005 | 23.7 | 32.5 | 41.8 | 45.7 | 55.0 | 59.7 | 74.9 | 70.5 | 56.1 | 48.0 | 38.5 | 32.0 | 48.2 |
| 2006 | 34.0 | 33.5 | 36.0 | 47.2 | 56.1 | 67.2 | 75.9 | 68.0 | 59.0 | 45.3 | 36.8 | 25.9 | 48.7 |
| 2007 | 22.7 | 36.6 | 44.9 | 47.0 | 56.4 | 66.0 | 76.9 | 70.9 | 58.7 | 46.4 | 36.8 | 28.2 | 49.3 |
| 2008 | 27.4 | 36.2 | 38.2 | 43.4 | 54.5 | 63.8 | 73.1 | 72.3 | 61.0 | 48.6 | 40.9 | 25.6 | 48.8 |
| 2009 | 32.6 | 36.6 | 39.4 | 44.5 | 60.7 | 63.1 | 73.4 | 69.5 | 64.3 | 45.5 | 36.3 | 22.7 | 49.1 |
| 2010 | 34.8 | 36.7 | 39.4 | 43.6 | 47.5 | 63.3 | 73.1 | 67.4 | 59.7 | 51.9 | 34.2 | 35.4 | 48.9 |
| 2011 | 31.8 | 31.0 | 40.2 | 42.7 | 49.1 | 59.6 | 71.3 | 70.6 | 64.1 | 49.5 | 34.3 | 25.2 | 47.5 |
| 2012 | 31.2 | 33.1 | 42.0 | 48.9 | 56.4 | 63.8 | 74.3 | 73.1 | 63.4 | 49.8 | 40.4 | 30.5 | 50.6 |
| 2013 | 14.7 | 33.4 | 41.9 | 46.0 | 55.1 | 66.8 | 76.8 | 70.5 | 62.5 | 44.3 | 39.4 | 18.2 | 47.5 |
| 2014 | 34.0 | 39.2 | 42.1 | 47.3 | 56.1 | 64.7 | 77.5 | 69.0 | 63.5 | 51.3 | 39.0 | 36.1 | 51.7 |
| POR= 65 YRS | 29.8 | 35.4 | 40.0 | 46.0 | 54.8 | 63.8 | 72.4 | 69.4 | 60.1 | 48.5 | 37.5 | 29.9 | 49.0 |

HEATING DEGREE DAYS (base 65°F) 2014 WINNEMUCCA (KWMC)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-------|
| 1985-86 | 3 | 39 | 293 | 617 | 1101 | 1179 | 809 | 665 | 590 | 542 | 381 | 40 | 6259 |
| 1986-87 | 12 | 4 | 345 | 490 | 792 | 1108 | 1181 | 849 | 763 | 407 | 221 | 64 | 6236 |
| 1987-88 | 47 | 14 | 111 | 364 | 772 | 1116 | 1155 | 804 | 769 | 474 | 343 | 94 | 6063 |
| 1988-89 | 0 | 4 | 223 | 305 | 792 | 1146 | 1328 | 1051 | 648 | 419 | 336 | 37 | 6289 |
| 1989-90 | 3 | 47 | 139 | 523 | 822 | 1071 | 1026 | 986 | 690 | 360 | 363 | 92 | 6122 |
| 1990-91 | 4 | 38 | 45 | 468 | 887 | 1498 | 1195 | 685 | 796 | 647 | 452 | 135 | 6850 |
| 1991-92 | 0 | 4 | 93 | 431 | 777 | 1104 | 1029 | 717 | 633 | 379 | 106 | 95 | 5368 |
| 1992-93 | 13 | 40 | 124 | 438 | 899 | 1198 | 1365 | 992 | 567 | 536 | 192 | 183 | 6547 |
| 1993-94 | 45 | 40 | 166 | 448 | 1024 | 1061 | 1027 | 875 | 636 | 472 | 209 | 59 | 6062 |
| 1994-95 | 0 | 2 | 101 | 565 | 1016 | 1094 | 854 | 640 | 756 | 625 | 413 | 195 | 6261 |
| 1995-96 | 18 | 22 | 137 | 518 | 656 | 960 | 968 | 837 | 728 | 538 | 331 | 84 | 5797 |
| 1996-97 | 2 | 12 | 235 | 536 | 769 | 959 | 1032 | 850 | 675 | 602 | 183 | 106 | 5961 |
| 1997-98 | 16 | 7 | 132 | 550 | 761 | 1136 | 875 | 816 | 793 | 623 | 490 | 176 | 6375 |
| 1998-99 | 0 | 5 | 134 | 606 | 775 | 1240 | 985 | 794 | 790 | 660 | 391 | 147 | 6527 |
| 1999-00 | 4 | 35 | 137 | 490 | 696 | 1115 | 978 | 744 | 755 | 430 | 285 | 38 | 5707 |
| 2000-01 | 14 | 4 | 198 | 543 | 982 | 1062 | 1168 | 913 | 667 | 633 | 136 | 78 | 6398 |
| 2001-02 | 4 | 0 | 104 | 432 | 767 | 1021 | 1064 | 806 | 850 | 517 | 367 | 74 | 6006 |
| 2002-03 | 0 | 27 | 161 | 627 | 832 | 936 | 763 | 902 | 700 | 611 | 324 | 38 | 5921 |
| 2003-04 | 0 | 2 | 137 | 384 | 923 | 959 | 1121 | 914 | 568 | 459 | 301 | 60 | 5828 |
| 2004-05 | 0 | 27 | 199 | 542 | 863 | 1041 | 1275 | 905 | 713 | 571 | 308 | 176 | 6620 |
| 2005-06 | 0 | 12 | 262 | 521 | 787 | 1014 | 957 | 879 | 890 | 530 | 285 | 38 | 6175 |
| 2006-07 | 0 | 19 | 217 | 604 | 839 | 1206 | 1306 | 797 | 600 | 534 | 263 | 73 | 6458 |
| 2007-08 | 0 | 2 | 216 | 569 | 840 | 1135 | 1161 | 832 | 825 | 643 | 333 | 122 | 6678 |
| 2008-09 | 0 | 4 | 133 | 505 | 716 | 1215 | 1001 | 788 | 787 | 608 | 161 | 101 | 6019 |
| 2009-10 | 8 | 37 | 73 | 599 | 854 | 1304 | 932 | 786 | 786 | 633 | 538 | 113 | 6663 |
| 2010-11 | 12 | 54 | 168 | 405 | 918 | 910 | 1018 | 944 | 766 | 662 | 483 | 183 | 6523 |
| 2011-12 | 0 | 2 | 60 | 474 | 914 | 1227 | 1041 | 920 | 706 | 477 | 262 | 114 | 6197 |
| 2012-13 | 0 | 0 | 78 | 461 | 733 | 1064 | 1552 | 878 | 710 | 563 | 301 | 70 | 6410 |
| 2013-14 | 0 | 0 | 148 | 634 | 763 | 1443 | 956 | 715 | 703 | 525 | 275 | 74 | 6236 |
| 2014- | 0 | 19 | 85 | 420 | 770 | 885 | | | | | | | |

WBAN : 24128

COOLING DEGREE DAYS (base 65°F) 2014 WINNEMUCCA (KWMC)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1985 | 0 | 0 | 0 | 0 | 3 | 148 | 311 | 105 | 3 | 0 | 0 | 0 | 570 |
| 1986 | 0 | 0 | 0 | 0 | 37 | 147 | 166 | 254 | 32 | 0 | 0 | 0 | 636 |
| 1987 | 0 | 0 | 0 | 3 | 26 | 123 | 144 | 185 | 41 | 0 | 0 | 0 | 522 |
| 1988 | 0 | 0 | 0 | 0 | 5 | 152 | 337 | 187 | 48 | 0 | 0 | 0 | 729 |
| 1989 | 0 | 0 | 0 | 0 | 13 | 66 | 264 | 118 | 1 | 0 | 0 | 0 | 462 |
| 1990 | 0 | 0 | 0 | 0 | 0 | 74 | 290 | 205 | 62 | 0 | 0 | 0 | 631 |
| 1991 | 0 | 0 | 0 | 0 | 0 | 26 | 310 | 200 | 49 | 0 | 0 | 0 | 585 |
| 1992 | 0 | 0 | 0 | 1 | 39 | 121 | 194 | 258 | 20 | 2 | 0 | 0 | 635 |
| 1993 | 0 | 0 | 0 | 0 | 24 | 39 | 60 | 116 | 50 | 0 | 0 | 0 | 289 |
| 1994 | 0 | 0 | 0 | 0 | 13 | 111 | 359 | 203 | 19 | 0 | 0 | 0 | 705 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 32 | 181 | 133 | 31 | 0 | 0 | 0 | 377 |
| 1996 | 0 | 0 | 0 | 0 | 2 | 68 | 320 | 189 | 12 | 1 | 0 | 0 | 592 |
| 1997 | 0 | 0 | 0 | 0 | 16 | 27 | 160 | 154 | 39 | 1 | 0 | 0 | 397 |
| 1998 | 0 | 0 | 0 | 0 | 0 | 7 | 274 | 195 | 72 | 0 | 0 | 0 | 548 |
| 1999 | 0 | 0 | 0 | 0 | 11 | 79 | 167 | 129 | 11 | 0 | 0 | 0 | 397 |
| 2000 | 0 | 0 | 0 | 0 | 11 | 94 | 187 | 181 | 21 | 0 | 0 | 0 | 494 |
| 2001 | 0 | 0 | 0 | 0 | 35 | 101 | 224 | 240 | 39 | 0 | 0 | 0 | 639 |
| 2002 | 0 | 0 | 0 | 0 | 22 | 126 | 345 | 118 | 28 | 0 | 0 | 0 | 639 |
| 2003 | 0 | 0 | 0 | 0 | 33 | 119 | 334 | 210 | 33 | 2 | 0 | 0 | 731 |
| 2004 | 0 | 0 | 0 | 0 | 4 | 93 | 293 | 188 | 18 | 0 | 0 | 0 | 596 |
| 2005 | 0 | 0 | 0 | 0 | 2 | 26 | 314 | 190 | 2 | 0 | 0 | 0 | 534 |
| 2006 | 0 | 0 | 0 | 0 | 14 | 111 | 346 | 120 | 42 | 0 | 0 | 0 | 633 |
| 2007 | 0 | 0 | 0 | 0 | 4 | 109 | 374 | 195 | 33 | 0 | 0 | 0 | 715 |
| 2008 | 0 | 0 | 0 | 0 | 16 | 94 | 259 | 237 | 21 | 0 | 0 | 0 | 627 |
| 2009 | 0 | 0 | 0 | 0 | 35 | 52 | 277 | 183 | 62 | 0 | 0 | 0 | 609 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 70 | 272 | 138 | 16 | 9 | 0 | 0 | 505 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 25 | 201 | 182 | 39 | 2 | 0 | 0 | 449 |
| 2012 | 0 | 0 | 0 | 3 | 3 | 85 | 296 | 259 | 35 | 0 | 0 | 0 | 681 |
| 2013 | 0 | 0 | 0 | 0 | 1 | 128 | 373 | 179 | 81 | 0 | 0 | 0 | 762 |
| 2014 | 0 | 0 | 0 | 0 | 9 | 74 | 394 | 148 | 49 | 0 | 0 | 0 | 674 |

SNOWFALL (inches) 2014 WINNEMUCCA (KWMC)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-------|
| 1985-86 | 0.0 | 0.0 | T | T | 19.6 | 0.8 | 0.3 | 2.0 | 1.8 | 0.4 | 1.3 | 0.0 | 26.2 |
| 1986-87 | 0.0 | 0.0 | 1.0 | 0.0 | 0.8 | T | 2.7 | 5.1 | 6.0 | 0.1 | 0.0 | 0.0 | 15.7 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 3.4 | T | T | T | T | T | T | T |
| 1988-89 | | | | | | 7.1 | 2.8 | 8.4 | 0.5 | 1.9 | 0.0 | T | |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.1 | 1.6 | T | 3.3 | 11.7 | 0.3 | T | T | 0.0 | 17.0 |
| 1990-91 | 0.0 | T | 0.0 | 0.0 | 2.0 | 8.0 | 3.7 | T | 8.6 | 0.7 | T | T | 23.0 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 2.3 | 1.7 | 1.5 | 0.9 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 7.0 |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 6.8 | 19.2 | 7.8 | T | 0.7 | T | 0.0 | 34.9 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 4.1 | 4.1 | 5.9 | T | 2.1 | T | 0.0 | 17.2 |
| 1994-95 | 0.0 | 0.0 | 0.0 | T | 3.0 | 7.5 | 2.5 | 1.0 | 4.4 | 0.0 | 0.0 | 0.2 | 18.6 |
| 1995-96 | 0.0 | 0.0 | 0.0 | | 0.0 | | | | | | | | |
| 1996-97 | | | | | | | | | | | | | |
| 1997-98 | | | | | | | | | | | | | |
| 1998-99 | | | | | | | | | | | T | 0.0 | |
| 1999-00 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 5.3 | 1.8 | 3.4 | T | T | 0.0 | 10.5 |
| 2000-01 | 0.0 | 0.0 | 0.0 | T | 1.0 | 1.0 | 2.5 | 6.2 | 0.5 | 4.7 | 0.0 | 0.0 | 15.9 |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 4.4 | 1.6 | 0.1 | 3.5 | 0.7 | T | 0.0 | 18.3 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.3 | 0.0 | 0.3 | 0.2 | 2.4 | 0.7 | 0.0 | 4.9 |
| 2003-04 | 0.0 | 0.0 | 0.0 | 0.1 | 2.7 | 10.7 | 4.8 | 9.5 | T | T | 0.0 | 0.0 | 27.8 |
| 2004-05 | 0.0 | 0.0 | 0.0 | 2.6 | 3.3 | 5.9 | 10.2 | 1.1 | 2.5 | T | 0.0 | 0.0 | 25.6 |
| 2005-06 | 0.0 | 0.0 | 0.0 | T | 3.8 | 7.3 | 4.8 | 0.4 | 3.2 | 3.3 | 0.0 | 0.0 | 22.8 |
| 2006-07 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 2.7 | 2.0 | 5.2 | T | 6.5 | T | 0.0 | 19.1 |
| 2007-08 | 0.0 | 0.0 | 0.0 | T | 0.3 | 4.7 | 8.1 | T | 1.5 | 1.9 | 0.0 | 0.0 | |
| 2008-09 | 0.0 | 0.0 | 0.0 | 0.2 | T | 20.4 | 1.8 | 3.0 | 6.9 | 3.6 | 0.0 | 0.0 | 35.9 |
| 2009-10 | 0.0 | 0.0 | 0.0 | T | 0.5 | 9.3 | 2.5 | 0.8 | 7.0 | 5.6 | 0.5 | 0.0 | 26.2 |
| 2010-11 | 0.0 | 0.0 | 0.0 | T | 10.2 | 3.2 | 1.1 | 14.3 | 2.7 | 5.8 | T | 0.0 | 37.3 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | 6.5 | 0.1 | 5.2 | 5.1 | 6.6 | T | 0.0 | T | 23.5 |
| 2012-13 | 0.0 | 0.0 | 0.0 | 1.3 | T | 13.5 | 6.4 | 0.7 | T | T | 0.0 | 0.0 | 21.9 |
| 2013-14 | T | 0.0 | 0.0 | 6.6 | T | 9.9 | 4.7 | 0.3 | 0.7 | 1.2 | 0.0 | 0.0 | 23.4 |
| 2014- | 0.0 | 0.0 | T | 0.0 | 2.3 | T | | | | | | | |
| POR= 63 YRS | T | T | T | 0.5 | 2.2 | 4.9 | 4.7 | 3.5 | 3.6 | 2.2 | 0.4 | T | 22.0 |

WBAN : 24128

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> |
|---|---|

2014 WINNEMUCCA NEVADA (KWMC)

Winnemucca is located along the main east-west transportation corridor through the Great Basin, a massive area which includes most of Nevada and parts of California, Oregon, Idaho and Utah. All streams and rivers in this region flow into salt lakes or dry lake beds, from which no water leaves except through seepage and evaporation. On a more local scale, Winnemucca is situated in the valley of the Humboldt River, one of the longest rivers in the Great Basin. Two other prominent valleys, Grass Valley and Paradise Valley, branch off from the Humboldt River Valley immediately southwest and northeast of downtown, respectively. The elevation at Winnemucca Municipal Airport, which serves as the official weather station in Winnemucca and is located about 6 miles southwest of downtown where Grass Valley joins the Humboldt River Valley, is 4,314 feet. To the immediate northwest of Winnemucca are the Krum Hills, a range of large hills and small mountains. This range reaches a local maximum elevation of 6,736 feet atop Winnemucca Mountain, which is located 3 miles northwest of downtown Winnemucca. The more prominent Sonoma Range is located just southeast of Winnemucca. This range includes a much higher maximum elevation of 9,396 feet atop Sonoma Peak, which is located approximately 10 miles southeast of downtown Winnemucca. A third mountain range, the East Range, is located southwest of downtown Winnemucca on the far side of Grass Valley.

The climate of Winnemucca is most simply described as being a high desert type. High temperatures are hot in the summer, with values usually exceeding 90 degrees; however, they are much colder in the winter with readings often staying below 40 degrees. Lows in the summer are quite cool, with readings commonly in the 40s; in the winter they often fall into the single digits. Individual days often have large ranges in temperature, with 30 degree diurnal ranges common in the winter and 40 or more degree ranges common in summer. These large daily ranges are due to the combination Winnemuccas high elevation, location in a valley, and generally low humidity. It is also one reason why the growing season is usually quite short, with an average length of about 95 days each year. The last freezing temperature in the spring typically occurs in early June, with the first freezing temperature of fall usually happening in mid September.

The large Sierra Nevada mountain range located far to the west-southwest greatly diminishes the moisture available for precipitation from Pacific storm systems. Meanwhile, the many mountain ranges located between Winnemucca and the primary source of summertime monsoon moisture, the tropical Pacific and Gulf of Mexico, cause a similar effect. The local mountain ranges can also cause small-scale rainshadows. These factors combine to result in an arid climate, with most precipitation being light and of a showery nature.

A distinct dry season occurs during mid to late summer, with a broad wet season stretching from the winter through the spring. Unusually heavy precipitation events with totals in excess of 1 inch are quite rare and generally happen only once every few years. Thunderstorms are most common during the summer months, and are usually caused by passing cold fronts, monsoon moisture from the Southwest, or a cold upper-level low pressure. While thunderstorms can occasionally produce heavy rain and flooding, they are more likely to produce only a trace to a few hundredths of an inch of rain. These dry thunderstorms are usually the cause of the several wildfires which occur across northwestern Nevada each summer. Snowfall is generally light and does not usually persist on the ground for very long; however, its presence can aid in the formation of fog during the winter months. Heavy snowfalls of 6 inches or greater usually occur once every other year. Freezing rain and ice pellets are extremely rare, though graupel sometimes occurs especially in the spring.

Winds are typically diurnally influenced, with a southwesterly up-valley wind common during the afternoon. At the airport, either south-southeasterly or northeasterly down-valley winds can occur during the early morning, due to its location at the junction of the Humboldt River and Grass valleys. Strong damaging winds usually occur either ahead of or during the passage of a strong cold front, or during thunderstorms. However, Winnemuccas location at the bottom of a valley tends to prevent the strongest winds from reaching the city most of the time. This ensures that severe winds in excess of 58 mph are a relatively rare event in Winnemucca, with only one or two occurrences in a given year on average. Dust storms often occur when strong southwesterly winds ahead of a cold front affect the area. A strong thunderstorm may also produce a dust storm via strong outflow winds, though these haboobs are quite rare.

Skies are often mostly clear for many days in a row during the summer and autumn, with clouds more likely to dim the sun during the winter and spring. During the spring and early summer it is not uncommon for days to start out clear and then become cloudy by days end due to convection.

The economy of Winnemucca is based primarily upon mining, ranching, hay farming, gambling and tourism. The citys location along the historic California Trail and later the First Transcontinental Railroad ensured that travel services were also a significant economic engine. Today, Interstate 80 and US Highway 95 help maintain the need for said services. Weather rarely affects any of these activities for more than a few days.

Station History

WINNEMUCCA, NV

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|------------------------------|------------|------------|----------|-----------|----------------|------------|----------------------------|
| WINNEMUCCA MUNICIPAL AIRPORT | 1996-07-01 | 2002-01-22 | 40° 54' | -117° 48' | 4297 | | ASOS, COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 2008-02-11 | 2010-09-18 | 40° 54' | -117° 48' | 4296 | | ASOS, COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 1949-09-15 | 1969-01-01 | 40° 54' | -117° 48' | 4301 | | AIRWAYS, COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 1994-10-01 | 1996-07-01 | 40° 54' | -117° 48' | 4297 | .4 MI W | ASOS, COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 2002-01-22 | 2008-02-11 | 40° 54' | -117° 48' | 4296 | | ASOS, COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 1969-01-01 | 1981-12-31 | 40° 54' | -117° 48' | 4301 | | COOP, USHCN, WXSVC |
| WINNEMUCCA MUNICIPAL AIRPORT | 1981-12-31 | 1985-05-08 | 40° 54' | -117° 48' | 4301 | | COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 2010-09-18 | Present | 40° 54' | -117° 48' | 4296 | | AIRWAYS, ASOS, COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 1985-05-08 | 1993-09-21 | 40° 54' | -117° 48' | 4301 | .3 MI NW | COOP, USHCN |
| WINNEMUCCA MUNICIPAL AIRPORT | 1993-09-21 | 1994-10-01 | 40° 54' | -117° 48' | 4301 | | COOP, USHCN |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP | 1994-10-01 | 2005-11-17 | DAILY | 2400 | TB | RCRD | |
| PRECIP | 2008-02-11 | 2010-09-18 | DAILY | 2400 | PCPN1 | | |
| TEMP | 2010-09-18 | 2011-01-19 | DAILY | 2400 | ATEMP | | |
| WIND | 2011-01-19 | Present | HOURLY | UNKN | ANEMSONIC | | |
| PRECIP | 1949-09-15 | 1993-09-21 | HOURLY | 2400 | UNIV | RCRD | |
| PRECIP | 1949-09-15 | 1993-09-21 | DAILY | 2400 | UNIV | RCRD | |
| WIND | 1994-10-01 | 2005-11-17 | HOURLY | UNKN | ANEMCUP | | |
| PRECIP | 1994-10-01 | 2005-11-17 | HOURLY | 2400 | TB | RCRD | |
| TEMP | 2005-11-17 | 2008-02-11 | DAILY | 2400 | HYGR | | |
| PRECIP | 2010-09-18 | 2011-01-19 | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| WIND | 2010-09-18 | 2011-01-19 | HOURLY | UNKN | ANEMSONIC | | |
| PRECIP | 2011-01-19 | 2011-12-30 | DAILY | VAR | PCPNX | | |
| TEMP | 1949-09-15 | 1993-09-21 | DAILY | 2400 | | | |
| PRECIP | 2005-11-17 | 2008-02-11 | HOURLY | 2400 | TB | RCRD | |
| TEMP | 2008-02-11 | 2010-09-18 | DAILY | 2400 | ATEMP | | |
| PRECIP | 2011-01-19 | Present | DAILY | 2400 | PCPNX | | |
| PRECIP | 1993-09-21 | 1994-10-01 | HOURLY | 2400 | UNIV | RCRD | |
| WIND | 2008-02-11 | 2010-09-18 | HOURLY | UNKN | ANEMSONIC | | |
| PRECIP | 2008-02-11 | 2010-09-18 | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| PRECIP | 2010-09-18 | 2011-01-19 | DAILY | 2400 | PCPN1 | | |
| PRECIP | 2011-01-19 | Present | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| WIND | 2005-11-17 | 2008-02-11 | HOURLY | UNKN | ANEMSONIC | | |
| PRECIP | 2005-11-17 | 2008-02-11 | DAILY | 2400 | TB | RCRD | |
| PRECIP | 2010-09-18 | 2011-01-19 | DAILY | VAR | PCPN1 | | |
| TEMP | 2011-01-19 | Present | DAILY | 2400 | ATEMP | | |
| TEMP | 1993-09-21 | 1994-10-01 | DAILY | 2400 | HYGR | | |
| PRECIP | 1993-09-21 | 1994-10-01 | DAILY | 2400 | UNIV | RCRD | |
| TEMP | 2008-02-11 | 2010-09-18 | DAILY | VAR | ATEMP | | |
| TEMP | 2011-01-19 | Present | DAILY | VAR | ATEMP | | |
| TEMP | 1994-10-01 | 2005-11-17 | DAILY | 2400 | HYGR | | |
| TEMP | 2010-09-18 | 2011-01-19 | DAILY | VAR | ATEMP | | |

* 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/asos2implementation.htm>

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

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