

2004

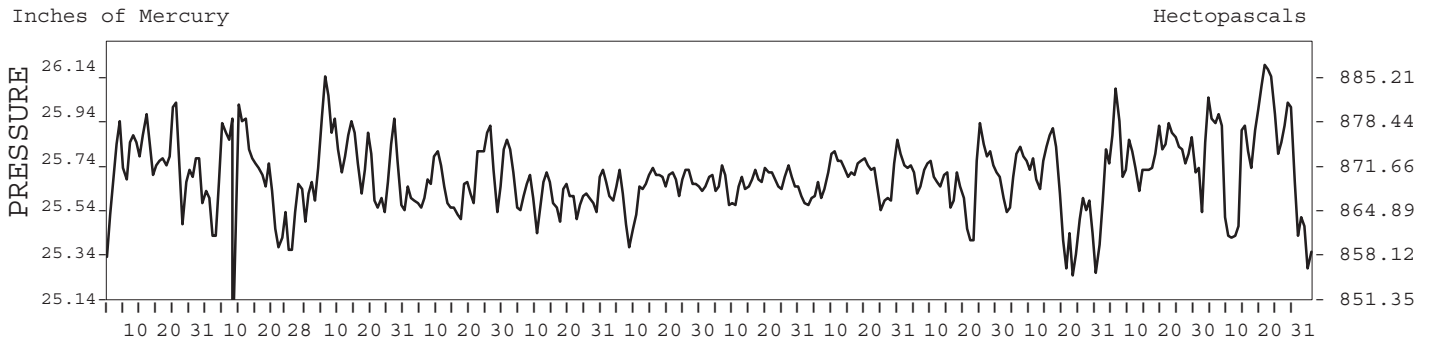
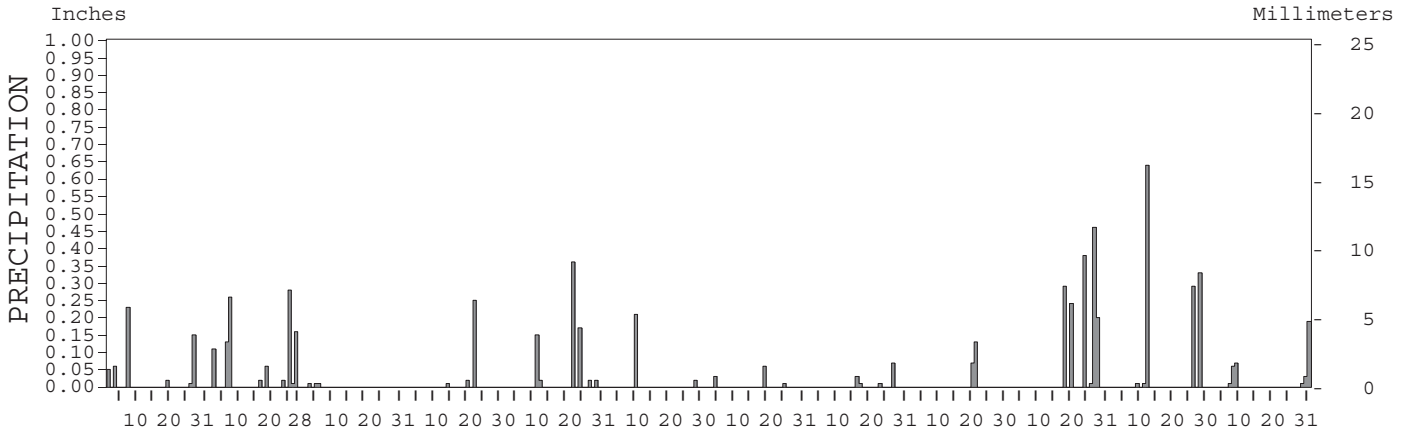
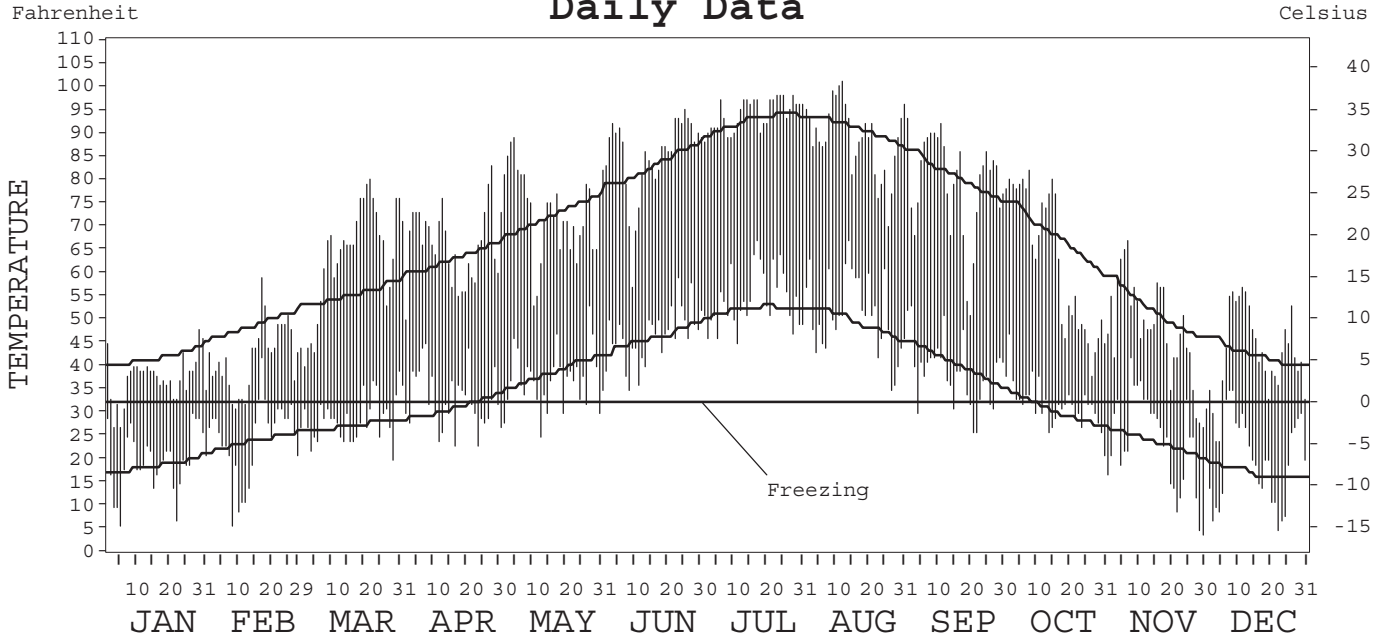
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-3342

WINNEMUCCA,
NEVADA (WMC)

Daily Data



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Thomas R. Karl

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA,
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2004

WINNEMUCCA, NV (WMC)

LATITUDE: 40° 54' 07" N LONGITUDE: 117° 48' 26" W ELEVATION (FT): GRND: 4297 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 | 37.5 | 42.1 | 64.0 | 66.1 | 73.1 | 85.0 | 94.1 | 88.8 | 79.0 | 62.7 | 48.1 | 42.5 | 65.2 | |
| | HIGHEST DAILY MAXIMUM | 48 | 59 | 80 | 83 | 89 | 95 | 98 | 101 | 93 | 82 | 67 | 57 | 101 | |
| | DATE OF OCCURRENCE | 29 | 17 | 21 | 27 | 04 | 25 | 28+ | 12 | 01 | 08 | 07 | 12 | AUG 12 | |
| | MEAN DAILY MINIMUM | 19.7 | 24.5 | 28.9 | 32.9 | 37.2 | 46.7 | 54.3 | 51.1 | 38.6 | 31.9 | 23.8 | 19.7 | 34.1 | |
| | LOWEST DAILY MINIMUM | 6 | 6 | 20 | 23 | 25 | 35 | 45 | 35 | 26 | 21 | 4 | 5 | 4 | |
| | DATE OF OCCURRENCE | 05 | 08 | 28 | 23+ | 12 | 08 | 11 | 27 | 22+ | 31 | 30 | 23 | NOV 30 | |
| | AVERAGE DRY BULB | 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 | |
| | MEAN WET BULB | 26.5 | | | 39.3 | 43.7 | 49.7 | 54.0 | 52.7 | 44.3 | 39.6 | 32.1 | 27.3 | | |
| | MEAN DEW POINT | 21.9 | | | 25.3 | 28.4 | 31.2 | 33.4 | 34.4 | 26.7 | 28.8 | 26.9 | 23.1 | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM ≥ 90° | 0 | 0 | 0 | 0 | 0 | 10 | 28 | 14 | 4 | 0 | 0 | 0 | 0 | 56 |
| | MAXIMUM ≤ 32° | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 4 | 14 |
| MINIMUM ≤ 32° | 31 | 26 | 25 | 17 | 6 | 0 | 0 | 0 | 7 | 19 | 22 | 28 | 28 | 181 | |
| MINIMUM ≤ 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| H/C | HEATING DEGREE DAYS | 1121 | 914 | 568 | 459 | 301 | 60 | 0 | 27 | 199 | 542 | 863 | 1041 | 6095 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 0 | 4 | 93 | 293 | 188 | 18 | 0 | 0 | 0 | 596 | |
| RH | MEAN (PERCENT) | 76 | 74 | 51 | 43 | 40 | 30 | 25 | 31 | 35 | 55 | 74 | 77 | 51 | |
| | HOUR 04 LST | 85 | 82 | 72 | 64 | 65 | 54 | 43 | 52 | 55 | 67 | 86 | 85 | 68 | |
| | HOUR 10 LST | 70 | 69 | 40 | 35 | 32 | 22 | 19 | 24 | 28 | 48 | 65 | 75 | 44 | |
| | HOUR 16 LST | 66 | 61 | 29 | 26 | 23 | 16 | 12 | 15 | 17 | 41 | 57 | 64 | 36 | |
| | HOUR 22 LST | 82 | 79 | 58 | 47 | 45 | 33 | 25 | 34 | 40 | 59 | 81 | 83 | 56 | |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 8 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 0 | 2 | 8 | 6 | 6 | 1 | 0 | 0 | 0 | 23 | |
| CLOUDINESS | SUNRISE-SUNSET: (OKTAS) | | | | | | | | | | | | | | |
| | CEILOMETER (≤ 12,000 FT.) | | | | | | | | | | | | | | |
| | SATELLITE (> 12,000 FT.) | | | | | | | | | | | | | | |
| | MIDNIGHT-MIDNIGHT: (OKTAS) | | | | | | | | | | | | | | |
| | CEILOMETER (≤ 12,000 FT.) | | | | | | | | | | | | | | |
| | SATELLITE (> 12,000 FT.) | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| CLEAR | | | | | | | | | | | | | | | |
| PARTLY CLOUDY | | | | | | | | | | | | | | | |
| CLOUDY | | | | | | | | | | | | | | | |
| PR | MEAN STATION PRESS. (IN.) | 25.72 | | 25.72 | 25.64 | 25.60 | 25.61 | 25.63 | 25.67 | 25.64 | 25.60 | 25.77 | 25.73 | | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.19 | | 30.10 | 29.99 | 29.91 | 29.88 | 29.87 | 29.94 | 29.94 | 29.95 | 30.21 | 30.19 | | |
| WINDS | RESULTANT SPEED (MPH) | 3.0 | | 0.6 | 2.3 | 2.9 | 2.1 | 0.7 | 0.9 | 1.2 | 1.2 | 2.2 | 1.7 | | |
| | RES. DIR. (TENS OF DEGS.) | 08 | | 28 | 31 | 28 | 33 | 28 | 31 | 25 | 18 | 04 | 17 | | |
| | MEAN SPEED (MPH) | 9.3 | 8.3 | 8.0 | 8.3 | 8.2 | 8.4 | 7.5 | 7.8 | 6.7 | 7.1 | 6.3 | 6.0 | 7.7 | |
| | PREVAIL. DIR. (TENS OF DEGS.) | 06 | 06 | 17 | 34 | 29 | 28 | 06 | 06 | 16 | 18 | 04 | 19 | 06 | |
| | MAXIMUM 2-MINUTE WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 44 | 38 | 30 | 35 | 32 | 33 | 45 | 32 | 36 | 32 | 31 | 32 | 45 | |
| | DIR. (TENS OF DEGS.) | 23 | 16 | 29 | 24 | 25 | 14 | 29 | 14 | 25 | 27 | 03 | 23 | 29 | |
| | DATE OF OCCURRENCE | 01 | 25 | 30 | 13 | 04 | 23+ | 26 | 15 | 12 | 17 | 04+ | 08 | JUL 26 | |
| | MAXIMUM 5-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 54 | 46 | 37 | 45 | 48 | 46 | 58 | 41 | 41 | 40 | 39 | 44 | 58 | |
| DIR. (TENS OF DEGS.) | 22 | 16 | 20 | 25 | 24 | 13 | 30 | 36 | 25 | 30 | 04 | 23 | 30 | | |
| DATE OF OCCURRENCE | 01 | 25 | 25 | 13 | 07 | 29 | 26 | 17 | 12 | 17 | 04 | 08 | JUL 26 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 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 | |
| | GREATEST 24-HOUR (IN.) | 0.23 | 0.39 | 0.01 | 0.25 | 0.36 | 0.21 | 0.06 | 0.07 | 0.13 | 0.63 | 0.64 | 0.38 | 0.64 | |
| | DATE OF OCCURRENCE | 07 | 06-07 | 05+ | 21 | 21 | 09 | 18 | 26 | 20 | 26-27 | 11 | 30-31 | NOV 11 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION ≥ 0.01 | 6 | 9 | 3 | 3 | 6 | 2 | 3 | 4 | 2 | 6 | 5 | 7 | 56 | |
| PRECIPITATION ≥ 0.10 | 2 | 5 | 0 | 1 | 3 | 1 | 0 | 0 | 1 | 5 | 3 | 2 | 23 | | |
| PRECIPITATION ≥ 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SNOWFALL | SNOW, ICE PELLETS, HAIL: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.8 | 9.5 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 3.3 | 5.9 | 26.1 | |
| | GREATEST 24-HOUR (IN.) | 2.3 | 4.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 3.3 | 2.4 | 4.0 | |
| | DATE OF OCCURRENCE | 07 | 07 | 01 | 01 | 0 | 0 | 0 | 0 | 0 | 27 | 27 | 31 | FEB 07 | |
| | MAXIMUM SNOW DEPTH (IN.) | 4 | 4 | T | 0 | 0 | 0 | 0 | 0 | 0 | T | 2 | 3 | 4 | |
| | DATE OF OCCURRENCE | 08+ | 07 | 01 | | | | | | | 27 | 27 | 31 | FEB 07 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 11 | | |

NORMALS, MEANS, AND EXTREMES

WINNEMUCCA, NV (WMC)

LATITUDE: 40° 54' 07" N LONGITUDE: 117° 48' 26" W ELEVATION (FT): GRND: 4297 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 | 48.5 | 55.1 | 62.6 | 72.0 | 82.7 | 92.2 | 90.6 | 80.4 | 67.3 | 51.4 | 42.2 | 65.6 |
| | MEAN DAILY MAXIMUM | 55 | 42.2 | 48.3 | 54.6 | 62.3 | 72.1 | 82.3 | 92.5 | 90.4 | 80.7 | 68.1 | 52.2 | 43.0 | 65.7 |
| | HIGHEST DAILY MAXIMUM | 55 | 68 | 74 | 81 | 90 | 98 | 106 | 109 | 108 | 103 | 91 | 77 | 67 | 109 |
| | YEAR OF OCCURRENCE | | 1971 | 1986 | 1972 | 1981 | 2003 | 1988 | 2002 | 1983 | 1950 | 1996 | 1980 | 1980 | JUL 2002 |
| | MEAN OF EXTREME MAXS. | 56 | 57.2 | 62.8 | 70.7 | 79.2 | 89.5 | 97.2 | 101.7 | 100.4 | 94.2 | 84.3 | 68.7 | 58.0 | 80.3 |
| | NORMAL DAILY MINIMUM | 30 | 18.5 | 23.6 | 27.0 | 30.7 | 38.4 | 45.8 | 51.8 | 49.2 | 40.2 | 30.2 | 23.3 | 17.0 | 33.0 |
| | MEAN DAILY MINIMUM | 55 | 17.8 | 22.5 | 25.1 | 29.8 | 37.6 | 45.1 | 51.4 | 48.3 | 39.2 | 29.2 | 22.4 | 17.5 | 32.2 |
| | LOWEST DAILY MINIMUM | 55 | -24 | -28 | -3 | 6 | 10 | 23 | 29 | 28 | 12 | -2 | -8 | -37 | -37 |
| | YEAR OF OCCURRENCE | | 1963 | 1985 | 1971 | 1972 | 2002 | 2001 | 1983 | 1992 | 1958 | 2002 | 1985 | 1990 | DEC 1990 |
| | MEAN OF EXTREME MINS. | 56 | -2.2 | 4.5 | 10.3 | 15.9 | 23.0 | 31.2 | 38.6 | 35.7 | 25.0 | 14.8 | 5.7 | -2.3 | 16.7 |
| | NORMAL DRY BULB | 30 | 30.1 | 36.1 | 41.1 | 46.7 | 55.2 | 64.3 | 72.0 | 69.9 | 60.3 | 48.8 | 37.4 | 29.6 | 49.3 |
| | MEAN DRY BULB | 56 | 29.9 | 35.4 | 39.9 | 46.1 | 54.9 | 63.9 | 72.0 | 69.2 | 59.9 | 48.6 | 37.4 | 30.3 | 49.0 |
| | MEAN WET BULB | 52 | 27.2 | 31.0 | 33.0 | 36.9 | 44.0 | 49.9 | 53.8 | 51.8 | 45.7 | 38.0 | 31.9 | 26.6 | 39.1 |
| | MEAN DEW POINT | 52 | 21.6 | 23.7 | 23.5 | 24.3 | 30.3 | 35.1 | 36.0 | 34.3 | 30.2 | 25.8 | 24.0 | 20.2 | 27.4 |
| NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 30 | 0.0 | 0.0 | 0.0 | * | 1.4 | 9.8 | 22.3 | 20.1 | 6.2 | 0.2 | 0.0 | 0.0 | 60.0 | |
| MAXIMUM ≤ 32° | 30 | 5.6 | 1.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 4.4 | 12.4 | |
| MINIMUM ≤ 32° | 30 | 27.9 | 24.1 | 23.9 | 18.2 | 7.4 | 1.1 | 0.1 | 0.1 | 5.4 | 19.6 | 25.3 | 28.3 | 181.4 | |
| MINIMUM ≤ 0° | 30 | 2.7 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 2.7 | 6.7 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1088 | 820 | 742 | 554 | 315 | 105 | 12 | 23 | 173 | 509 | 829 | 1101 | 6271 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 0 | 11 | 81 | 232 | 174 | 28 | 0 | 0 | 0 | 526 |
| RH | NORMAL (PERCENT) | 30 | 72 | 65 | 58 | 48 | 45 | 38 | 29 | 29 | 37 | 48 | 63 | 71 | 50 |
| | HOUR 04 LST | 30 | 80 | 76 | 73 | 68 | 65 | 58 | 47 | 47 | 55 | 65 | 75 | 79 | 66 |
| | HOUR 10 LST | 30 | 69 | 60 | 50 | 40 | 35 | 29 | 22 | 23 | 30 | 40 | 57 | 66 | 43 |
| | HOUR 16 LST | 30 | 58 | 47 | 38 | 30 | 28 | 22 | 16 | 17 | 21 | 28 | 45 | 56 | 34 |
| | HOUR 22 LST | 30 | 77 | 70 | 64 | 54 | 50 | 42 | 32 | 33 | 42 | 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) | 54 | 1.8 | 0.5 | 0.5 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 1.3 | 5.1 |
| | THUNDERSTORMS | 54 | 0.0 | 0.2 | 0.5 | 0.8 | 2.5 | 2.8 | 3.2 | 3.3 | 1.9 | 0.5 | 0.1 | 0.1 | 15.9 |
| CLOUDINESS | MEAN: | | | | | | | | | | | | | | |
| | SUNRISE-SUNSET (OKTAS) | 1 | | 3.2 | 6.4 | | 4.8 | 2.4 | | | | | | | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 1 | | | 7.2 | | 4.8 | 2.4 | | | | 0.8 | | | |
| | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| CLEAR | 1 | | 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) | 30 | 25.70 | 25.67 | 25.60 | 25.62 | 25.60 | 25.62 | 25.65 | 25.66 | 25.67 | 25.71 | 25.71 | 25.74 | 25.66 |
| | MEAN SEA-LEVEL PRES. (IN) | 50 | 30.17 | 30.09 | 30.00 | 29.97 | 29.91 | 29.89 | 29.90 | 29.91 | 29.97 | 30.08 | 30.12 | 30.17 | 30.01 |
| WINDS | MEAN SPEED (MPH) | 24 | 7.3 | 8.1 | 8.3 | 8.7 | 8.6 | 8.6 | 8.2 | 7.8 | 7.6 | 7.2 | 7.1 | 7.2 | 7.9 |
| | PREVAIL. DIR (TENS OF DEGS) | 10 | 18 | 18 | 18 | 27 | 27 | 27 | 27 | 27 | 05 | 16 | 18 | 18 | 18 |
| | MAXIMUM 2-MINUTE: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 10 | 44 | 48 | 40 | 41 | 37 | 45 | 46 | 51 | 40 | 48 | 48 | 48 | 51 |
| | DIR. (TENS OF DEGS) | | 23 | 25 | 18 | 27 | 28 | 24 | 15 | 24 | 24 | 29 | 22 | 20 | 24 |
| | YEAR OF OCCURRENCE | | 2004 | 1999 | 1995 | 1997 | 2000 | 1997 | 2001 | 1996 | 1995 | 1996 | 1998 | 1995 | AUG 1996 |
| MAXIMUM 5-SECOND: | | | | | | | | | | | | | | | |
| SPEED (MPH) | 10 | 54 | 55 | 48 | 59 | 48 | 52 | 58 | 58 | 53 | 54 | 60 | 63 | 63 | |
| DIR. (TENS OF DEGS) | | 22 | 22 | 32 | 24 | 24 | 25 | 30 | 24 | 23 | 28 | 21 | 20 | 20 | |
| YEAR OF OCCURRENCE | | 2004 | 2000 | 2002 | 2003 | 2004 | 1997 | 2004 | 1996 | 1995 | 1996 | 1998 | 1995 | DEC 1995 | |
| PRECIPITATION | NORMAL (IN) | 30 | 0.83 | 0.62 | 0.86 | 0.85 | 1.06 | 0.69 | 0.27 | 0.35 | 0.53 | 0.66 | 0.80 | 0.81 | 8.33 |
| | MAXIMUM MONTHLY (IN) | 55 | 2.70 | 2.17 | 1.66 | 2.92 | 3.57 | 2.86 | 1.74 | 1.74 | 2.80 | 2.19 | 2.66 | 3.66 | 3.66 |
| | YEAR OF OCCURRENCE | | 1956 | 1962 | 1952 | 1978 | 1998 | 1988 | 1984 | 1979 | 1998 | 1951 | 1950 | 1983 | DEC 1983 |
| | MINIMUM MONTHLY (IN) | 55 | 0.04 | 0.08 | 0.03 | 0.06 | T | 0.00 | 0.00 | 0.00 | 0.00 | T | T | 0.03 | 0.00 |
| | YEAR OF OCCURRENCE | | 1966 | 1967 | 2004 | 1959 | 1985 | 1994 | 1963 | 1969 | 1974 | 1995 | 1959 | 1976 | JUN 1994 |
| | MAXIMUM IN 24 HOURS (IN) | 55 | 0.74 | 0.74 | 0.67 | 1.01 | 1.70 | 1.79 | 0.86 | 0.79 | 1.30 | 1.64 | 1.58 | 0.95 | 1.79 |
| | YEAR OF OCCURRENCE | | 1980 | 2002 | 1979 | 1958 | 1987 | 1958 | 1984 | 1990 | 1998 | 1951 | 1950 | 1996 | JUN 1958 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION ≥ 0.01 | 30 | 8.3 | 7.5 | 8.3 | 7.4 | 6.9 | 4.3 | 2.3 | 2.7 | 3.6 | 4.7 | 7.6 | 7.6 | 71.2 | |
| PRECIPITATION ≥ 1.00 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.1 | 0.0 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.1 | |
| SNOWFALL | NORMAL (IN) | 30 | 4.7 | 3.9 | 3.9 | 1.6 | 0.4 | 0.* | 0.0 | 0.0 | 0.* | 0.4 | 2.4 | 4.2 | 21.5 |
| | MAXIMUM MONTHLY (IN) | 50 | 19.2 | 13.8 | 23.4 | 12.0 | 5.4 | 0.2 | 0.0 | T | 1.0 | 7.4 | 19.6 | 17.5 | 23.4 |
| | YEAR OF OCCURRENCE | | 1993 | 1969 | 1952 | 1964 | 1965 | 1995 | | 1990 | 1986 | 1984 | 1985 | 1971 | MAR 1952 |
| | MAXIMUM IN 24 HOURS (IN) | 49 | 8.8 | 9.9 | 9.0 | 7.2 | 4.3 | 0.2 | 0.0 | T | 1.0 | 4.9 | 5.7 | 8.4 | 9.9 |
| | YEAR OF OCCURRENCE | | 1993 | 1959 | 1982 | 1971 | 1971 | 1995 | | 1990 | 1986 | 1984 | 1985 | 1955 | FEB 1959 |
| | MAXIMUM SNOW DEPTH (IN) | 47 | 8 | 9 | 7 | 4 | 3 | 0 | 0 | T | 0 | 3 | 7 | 9 | 9 |
| YEAR OF OCCURRENCE | | 1955 | 1985 | 1982 | 1971 | 1965 | | | 1990 | | 1984 | 1955 | 1955 | DEC 1955 | |
| NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 30 | 1.7 | 1.3 | 1.3 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.0 | 1.6 | 8.0 | |

PRECIPITATION (inches) 2004 WINNEMUCCA, NV (WMC)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1975 | 1.02 | 0.85 | 1.29 | 0.53 | 0.68 | 0.70 | 0.06 | 0.79 | 0.19 | 1.74 | 0.47 | 0.27 | 8.59 |
| 1976 | 0.41 | 0.50 | 0.29 | 0.82 | 0.37 | 1.14 | 0.36 | 1.29 | 1.51 | 0.43 | 0.16 | 0.03 | 7.31 |
| 1977 | 0.34 | 0.14 | 0.37 | 0.25 | 1.56 | 2.36 | 0.26 | 0.64 | 0.22 | T | 0.75 | 1.19 | 8.08 |
| 1978 | 0.88 | 0.58 | 1.08 | 2.92 | 0.26 | 0.08 | 0.17 | T | 1.12 | T | 0.62 | 0.39 | 8.10 |
| 1979 | 0.86 | 1.22 | 0.96 | 1.04 | 0.25 | 0.39 | 0.74 | 1.74 | T | 0.61 | 0.61 | 0.31 | 8.73 |
| 1980 | 1.93 | 0.44 | 0.53 | 0.26 | 2.05 | 0.57 | 0.13 | 0.23 | 0.18 | 0.27 | 0.52 | 0.25 | 7.36 |
| 1981 | 0.44 | 0.51 | 0.97 | 0.19 | 1.94 | T | 0.01 | 0.03 | 0.23 | 1.08 | 1.40 | 1.64 | 8.44 |
| 1982 | 0.30 | 0.14 | 1.39 | 0.29 | 0.18 | 1.50 | 0.88 | 0.15 | 1.08 | 1.19 | 1.41 | 0.52 | 9.03 |
| 1983 | 1.18 | 0.97 | 1.46 | 0.82 | 0.78 | 0.85 | 0.73 | 1.53 | 0.59 | 0.65 | 1.25 | 3.66 | 14.47 |
| 1984 | 0.11 | 0.91 | 1.56 | 1.24 | 1.41 | 1.38 | 1.74 | 0.19 | 0.78 | 1.62 | 1.57 | 0.36 | 12.87 |
| 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 |
| POR= 127 YRS | 1.00 | 0.84 | 0.88 | 0.86 | 0.94 | 0.76 | 0.24 | 0.26 | 0.41 | 0.68 | 0.82 | 0.98 | 8.67 |

WBAN : 24128

AVERAGE TEMPERATURE (°F) 2004 WINNEMUCCA, NV (WMC)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1975 | 27.4 | 34.6 | 40.7 | 40.4 | 53.8 | 61.8 | 74.0 | 67.1 | 63.3 | 49.6 | 36.3 | 34.8 | 48.7 |
| 1976 | 33.1 | 39.9 | 37.7 | 45.9 | 60.5 | 64.7 | 73.8 | 65.6 | 64.0 | 49.9 | 41.8 | 29.1 | 50.5 |
| 1977 | 26.9 | 38.5 | 37.2 | 50.4 | 50.4 | 70.6 | 73.0 | 72.4 | 58.9 | 50.4 | 40.5 | 38.9 | 50.7 |
| 1978 | 36.0 | 37.6 | 46.6 | 47.4 | 54.1 | 62.6 | 71.7 | 69.4 | 57.3 | 50.5 | 34.6 | 26.0 | 49.5 |
| 1979 | 25.4 | 35.9 | 41.8 | 47.1 | 59.1 | 66.5 | 72.9 | 69.5 | 63.2 | 53.1 | 35.5 | 32.9 | 50.2 |
| 1980 | 32.7 | 41.8 | 38.1 | 49.1 | 55.7 | 60.9 | 73.2 | 68.0 | 60.5 | 49.6 | 39.2 | 33.9 | 50.2 |
| 1981 | 34.6 | 36.9 | 38.6 | 49.2 | 53.2 | 65.9 | 71.4 | 71.5 | 63.0 | 45.5 | 41.5 | 37.4 | 50.7 |
| 1982 | 28.3 | 35.8 | 38.5 | 44.4 | 54.3 | 63.0 | 70.1 | 70.3 | 57.0 | 44.9 | 33.3 | 30.7 | 47.6 |
| 1983 | 34.3 | 39.0 | 41.7 | 42.7 | 53.3 | 62.0 | 67.2 | 70.6 | 59.8 | 50.2 | 38.6 | 31.5 | 49.2 |
| 1984 | 24.2 | 34.3 | 40.3 | 42.6 | 55.1 | 59.0 | 71.7 | 71.5 | 60.0 | 43.9 | 38.3 | 26.4 | 47.3 |
| 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 |
| POR= 124 YRS | 28.6 | 34.4 | 39.9 | 46.8 | 55.0 | 63.4 | 71.8 | 69.5 | 59.7 | 48.8 | 37.8 | 30.1 | 48.8 |

HEATING DEGREE DAYS (base 65°F) 2004 WINNEMUCCA, NV (WMC)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-------|
| 1975-76 | 13 | 41 | 69 | 474 | 855 | 925 | 982 | 718 | 841 | 568 | 139 | 71 | 5696 |
| 1976-77 | 8 | 45 | 81 | 461 | 691 | 1104 | 1176 | 734 | 855 | 430 | 450 | 15 | 6050 |
| 1977-78 | 2 | 28 | 203 | 444 | 729 | 798 | 894 | 762 | 566 | 523 | 335 | 96 | 5380 |
| 1978-79 | 21 | 53 | 241 | 442 | 907 | 1202 | 1221 | 809 | 710 | 532 | 205 | 63 | 6406 |
| 1979-80 | 1 | 18 | 75 | 363 | 875 | 988 | 995 | 667 | 827 | 471 | 290 | 162 | 5732 |
| 1980-81 | 0 | 23 | 146 | 472 | 766 | 958 | 935 | 779 | 809 | 474 | 365 | 89 | 5816 |
| 1981-82 | 2 | 0 | 115 | 600 | 697 | 848 | 1131 | 811 | 812 | 610 | 327 | 124 | 6077 |
| 1982-83 | 29 | 8 | 258 | 618 | 943 | 1054 | 947 | 721 | 714 | 658 | 377 | 103 | 6430 |
| 1983-84 | 35 | 6 | 156 | 451 | 785 | 1032 | 1257 | 881 | 757 | 662 | 307 | 210 | 6539 |
| 1984-85 | 0 | 11 | 185 | 645 | 794 | 1188 | 1415 | 1049 | 863 | 479 | 314 | 49 | 6992 |
| 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- | 0 | 27 | 199 | 542 | 863 | 1041 | | | | | | | |

WBAN : 24128

COOLING DEGREE DAYS (base 65°F) 2004 WINNEMUCCA, NV (WMC)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1976 | 0 | 0 | 0 | 0 | 7 | 68 | 287 | 71 | 56 | 0 | 0 | 0 | 489 |
| 1977 | 0 | 0 | 0 | 0 | 4 | 188 | 257 | 265 | 27 | 0 | 0 | 0 | 741 |
| 1978 | 0 | 0 | 0 | 0 | 5 | 31 | 234 | 197 | 18 | 0 | 0 | 0 | 485 |
| 1979 | 0 | 0 | 0 | 0 | 29 | 114 | 256 | 165 | 26 | 3 | 0 | 0 | 593 |
| 1980 | 0 | 0 | 0 | 0 | 8 | 48 | 262 | 126 | 19 | 2 | 0 | 0 | 465 |
| 1981 | 0 | 0 | 0 | 6 | 5 | 124 | 208 | 208 | 61 | 0 | 0 | 0 | 612 |
| 1982 | 0 | 0 | 0 | 0 | 2 | 71 | 195 | 177 | 22 | 0 | 0 | 0 | 467 |
| 1983 | 0 | 0 | 0 | 0 | 21 | 21 | 108 | 189 | 10 | 0 | 0 | 0 | 349 |
| 1984 | 0 | 0 | 0 | 0 | 8 | 37 | 217 | 218 | 40 | 0 | 0 | 0 | 520 |
| 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 |
| 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 |

SNOWFALL (inches) 2004 WINNEMUCCA, NV (WMC)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-------|
| 1975-76 | 0.0 | 0.0 | 0.0 | T | 3.3 | 4.1 | 3.0 | 1.5 | 3.7 | 4.8 | 0.0 | 0.0 | 20.4 |
| 1976-77 | 0.0 | 0.0 | 0.0 | T | T | 0.4 | 4.5 | 0.9 | 4.8 | 0.7 | 1.6 | 0.0 | 12.9 |
| 1977-78 | 0.0 | 0.0 | T | 0.0 | 3.0 | 3.6 | 4.4 | 3.8 | 0.0 | 5.8 | 1.9 | 0.0 | 22.5 |
| 1978-79 | 0.0 | 0.0 | T | 0.0 | 1.8 | 4.2 | 5.2 | 12.1 | 4.6 | 1.9 | 0.1 | 0.0 | 29.9 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.8 | 2.7 | T | 0.5 | 0.4 | T | 0.0 | 6.0 |
| 1980-81 | 0.0 | 0.0 | 0.0 | T | T | 0.2 | 3.7 | 1.2 | 1.1 | T | T | 0.0 | 6.2 |
| 1981-82 | 0.0 | 0.0 | 0.0 | T | 0.5 | 3.8 | 4.6 | 0.8 | 15.9 | 0.9 | T | 0.0 | 26.5 |
| 1982-83 | 0.0 | 0.0 | 0.0 | T | 5.8 | 2.3 | 9.2 | 2.1 | 0.9 | 1.3 | 0.3 | 0.0 | 21.9 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 14.6 | 1.4 | 2.4 | 5.5 | 2.1 | T | 0.0 | 28.2 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 7.4 | 2.6 | 3.9 | 8.8 | 7.2 | 5.8 | 0.4 | T | 0.0 | 36.1 |
| 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 | 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 | | | | | | | | | | | | | |
| 1999-00 | | | | | | | | | | | | | |
| 2000-01 | | | | | | | | | | | | | |
| 2001-02 | | | | | | 4.4 | 1.6 | 0.1 | 3.5 | 0.7 | T | 0.0 | |
| 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- | 0.0 | 0.0 | 0.0 | 2.6 | 3.3 | 5.9 | | | | | | | |
| POR= 49 YRS | 0.0 | T | T | 0.4 | 2.2 | 4.7 | 5.0 | 3.6 | 4.1 | 2.2 | 0.5 | T | 22.7 |

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. NORMALS ARE 30-YEAR AVERAGES (1971 - 2000). 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 EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> |
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2004
WINNEMUCCA,
NEVADA (WMC)

Winnemucca lies at an elevation about 4300 feet above sea level and is effectively cut off by the Sierra Nevada Mountains from the moisture source of the Pacific Ocean. Winnemucca has a climate marked by warm days, cool nights, and light precipitation. Sixty-six percent of the annual rainfall occurs as rain and snow between December and May. The winter snow pack in the surrounding mountains is generally sufficient for essential summertime irrigation. Reservoirs along the streams hold surplus water for less favorable years. As a result of the characteristic dryness of the climate, the neighboring valleys and hills are covered with sagebrush, and trees are found only along streams and in other places where water is sufficient the year round. Though it is heavier in the mountains, snowfall at Winnemucca itself has had measurable amounts fall in every month except July, August and September. During

the winter months, snow on the ground permits grazing in many desert regions where there is no other source of stock water. Grazing in the summer months is restricted to mountain range tracts where there is sufficient water. Streams in many areas have been stocked with fish and provide good fishing each year.

Temperatures in this plateau area tend to rise sharply right after sunrise and remain comparatively high during the daylight hours, then drop rapidly about sundown. Daily temperature variations of 50 degrees are not uncommon.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is September 10 and the average last occurrence in the spring is June 8.

STATION LOCATION

WINNEMUCCA, NEVADA

| LOCATION | Occupied From | Occupied To | Airline Distances and Directions from previous Location | LATITUDE | | ELEVATION ABOVE | | | | | | | | | | AUTOMATIC OBSERVING EQUIPMENT * | * TYPE M = AMOS T = AUTOB S = ASOS W = AWOS REMARKS |
|----------------------------------|---------------|-------------|---|----------|---------|-----------------|--------|-----------------|----------------------|--------------|-----------------|----------------|------------|----------|-------------------|--|--|
| | | | | NORTH | WEST | GROUND | | | | | | | | | | | |
| | | | | | | SEA LEVEL | GROUND | WIND INSTRUMENT | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING BUCKET | RAIN GAUGE | WINDHOLE | 8 INCH RAIN GAUGE | | |
| *NOTE: | | | | | | | | | | | | | | | | | |
| <u>AIRPORT</u> | | | | | | | | | | | | | | | | | |
| Municipal Airport | 9/15/49 | 5/01/70 | 5 mi. SW | 40°54' | 117°48' | c4301 | a20 | 5 | 5 | | | 3 | 4 | 3 | b4 | a . 34 feet to 4/22/66. b . Commissioned 1200 feet SE of thermometer site 8/8/68. c . 4299 feet to 8/8/68. | |
| Municipal Airport | 5/01/70 | 5/08/85 | 30 ft. W | 40°54' | 117°48' | 4301 | d20 | s4 | s4 | 19 | 5 | 5 | s4 | d4 | NA | d . Same site as prior to 5/1/70. s . Standby equipment. | |
| 5330 Jays Road Municipal Airport | 5/08/85 | 10/01/94 | Unknown | 40°54' | 117°48' | 4298 | 33 | e6 | e6 | g22 | f5 | f5 | f5 | 5 | NA | e . Relocated 5/10/85. f . Relocated 5/13/85. g . Relocated 5/15/85. | |
| Municipal Airport | 10/01/94 | Present | NA | 40°54' | 117°48' | h4297 | | | | | | | | | S | ASOS commissioned 10/1/94. h. Ground Elevation | |

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* NOTES: For earlier station history see previous edition.