

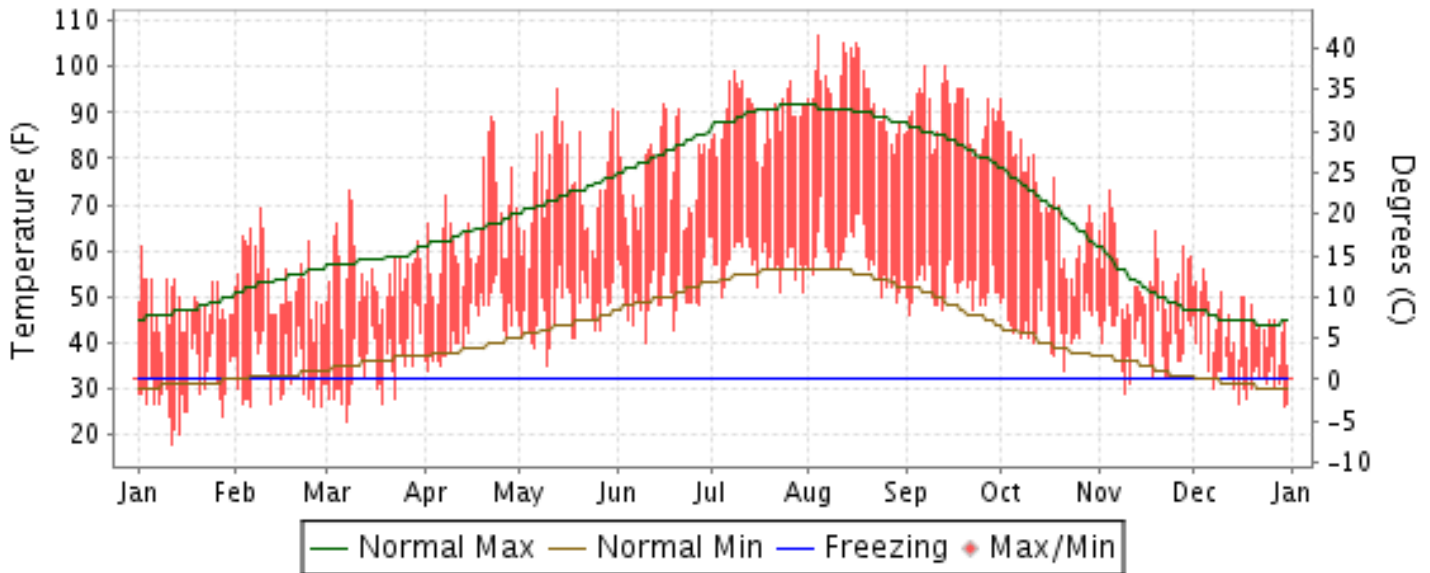


2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

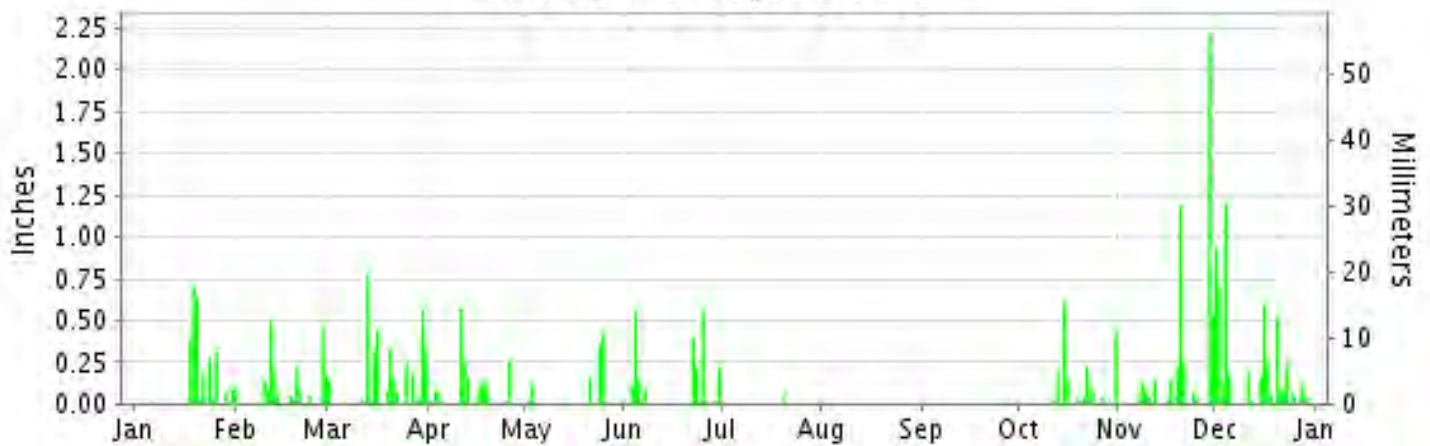
ISSN 0198-4152

MEDFORD, OREGON (KMFR)

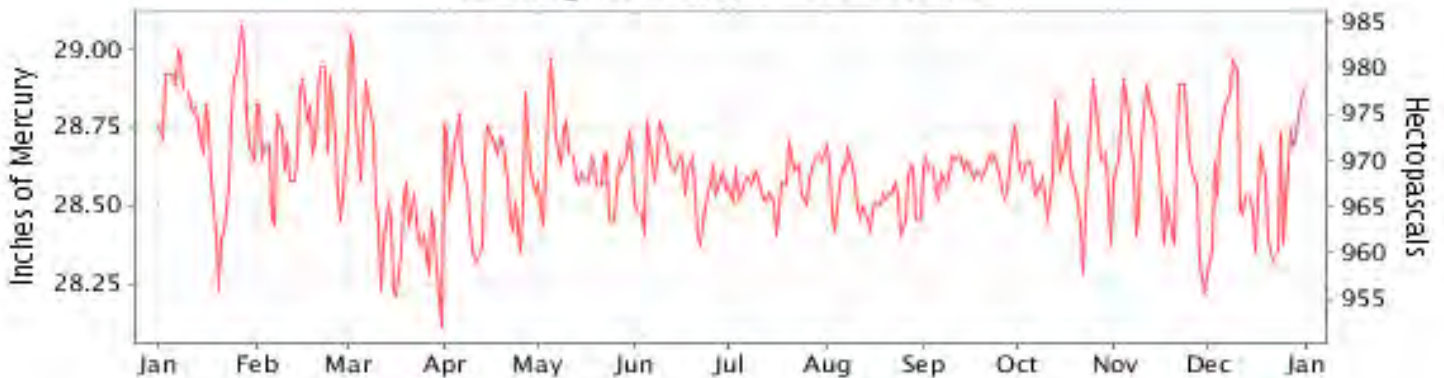
Daily Max/Min Temperature



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 2012

MEDFORD (KMFR)

LATITUDE: 42° 22'N LONGITUDE: 122° 52'W ELEVATION (FT): GRND: 1297 BARO: 1304 TIME ZONE: PACIFIC (UTC -8) WBAN: 24225

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 48.0 | 53.7 | 55.4 | 64.8 | 74.6 | 77.2 | 89.8 | 94.4 | 90.1 | 70.5 | 54.7 | 44.7 | 68.2 | |
| | HIGHEST DAILY MAXIMUM | 61 | 69 | 73 | 89 | 95 | 92 | 99 | 107 | 100 | 93 | 73 | 56 | 107 | |
| | DATE OF OCCURRENCE | 02 | 09 | 08 | 22 | 13 | 16 | 08 | 04 | 13+ | 01 | 04 | 04 | AUG 04 | |
| | MEAN DAILY MINIMUM | 29.9 | 32.8 | 34.9 | 43.3 | 46.6 | 50.9 | 57.7 | 58.3 | 51.8 | 44.1 | 40.0 | 33.7 | 43.7 | |
| | LOWEST DAILY MINIMUM | 18 | 26 | 23 | 34 | 35 | 40 | 50 | 49 | 46 | 34 | 29 | 26 | 18 | |
| | DATE OF OCCURRENCE | 12 | 28+ | 07 | 02 | 10 | 10 | 04 | 29 | 02 | 21 | 09 | 30 | JAN 12 | |
| | AVERAGE DRY BULB | 39.0 | 43.3 | 45.2 | 54.1 | 60.6 | 64.1 | 73.8 | 76.4 | 71.0 | 57.3 | 47.4 | 39.2 | 56.0 | |
| | MEAN WET BULB | 36.3 | 38.6 | 40.2 | 47.2 | 50.1 | 53.8 | 60.1 | 59.6 | 55.0 | 49.3 | 44.1 | 37.2 | 47.6 | |
| | MEAN DEW POINT | 32.9 | 33.3 | 34.4 | 41.2 | 40.7 | 45.5 | 50.6 | 47.7 | 42.2 | 42.6 | 41.1 | 34.8 | 40.6 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 2 | 4 | 18 | 23 | 18 | 1 | 0 | 0 | 0 | 66 |
| | MAXIMUM <= 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM <= 32° | 23 | 16 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14 | 68 | | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| H/C | HEATING DEGREE DAYS | 800 | 624 | 609 | 336 | 167 | 94 | 0 | 0 | 1 | 241 | 519 | 791 | 4182 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 13 | 39 | 72 | 278 | 360 | 187 | 11 | 0 | 0 | 960 | |
| RH | MEAN (PERCENT) | 82 | 73 | 70 | 67 | 54 | 56 | 49 | 41 | 42 | 67 | 82 | 86 | 64 | |
| | HOUR 04 LST | 90 | 86 | 83 | 84 | 77 | 78 | 76 | 65 | 67 | 84 | 88 | 90 | 81 | |
| | HOUR 10 LST | 83 | 70 | 64 | 57 | 46 | 47 | 42 | 35 | 35 | 61 | 81 | 84 | 59 | |
| | HOUR 16 LST | 67 | 55 | 53 | 51 | 34 | 37 | 26 | 20 | 18 | 45 | 72 | 79 | 46 | |
| | HOUR 22 LST | 88 | 81 | 75 | 75 | 58 | 64 | 53 | 44 | 46 | 75 | 87 | 89 | 70 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 15 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 13 | 9 | 48 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| PR | MEAN STATION PRESS. (IN.) | 28.76 | 28.71 | 28.51 | 28.59 | 28.64 | 28.58 | 28.57 | 28.53 | 28.61 | 28.61 | 28.62 | 28.59 | 28.61 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.20 | 30.14 | 29.94 | 30.01 | 30.04 | 29.98 | 29.95 | 29.91 | 30.00 | 30.02 | 30.05 | 30.02 | 30.02 | |
| WINDS | RESULTANT SPEED (MPH) | 0.2 | 0.5 | 1.0 | 2.1 | 2.6 | 3.1 | 3.1 | 2.5 | 1.4 | 0.7 | 0.8 | 0.2 | 1.2 | |
| | RES. DIR. (TENS OF DEGS.) | 19 | 30 | 23 | 31 | 33 | 33 | 33 | 32 | 31 | 33 | 15 | 12 | 32 | |
| | MEAN SPEED (MPH) | 2.2 | 3.2 | 5.2 | 3.8 | 4.1 | 4.6 | 4.4 | 3.6 | 2.6 | 2.1 | 2.6 | 2.8 | 3.4 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 36 | 36 | 31 | 30 | 31 | 31 | 35 | 30 | 30 | 31 | 15 | 16 | 31 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 29 | 32 | 33 | 25 | 25 | 22 | 22 | 24 | 21 | 21 | 33 | 38 | 38 | |
| | DIR. (TENS OF DEGS.) | 15 | 27 | 14 | 25 | 26 | 30 | 35 | 30 | 30 | 32 | 13 | 14 | 14 | |
| | DATE OF OCCURRENCE | 19 | 24 | 27 | 23 | 24 | 04 | 15 | 26 | 08 | 19 | 19 | 20 | DEC 20 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| SPEED (MPH) | 38 | 44 | 41 | 33 | 31 | 32 | 28 | 35 | 24 | 25 | 41 | 48 | 48 | | |
| DIR. (TENS OF DEGS.) | 23 | 28 | 14 | 25 | 27 | 30 | 21 | 21 | 31 | 16 | 14 | 15 | 15 | | |
| DATE OF OCCURRENCE | 02 | 24 | 27 | 23 | 24 | 04 | 31 | 05 | 08 | 31 | 19 | 20 | DEC 20 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 2.76 | 2.19 | 3.72 | 1.92 | 1.10 | 2.36 | 0.07 | 0.00 | 0.00 | 1.96 | 5.13 | 5.66 | 26.87 | |
| | GREATEST 24-HOUR (IN.) | 0.90 | 0.70 | 0.78 | 0.57 | 0.60 | 0.67 | 0.06 | 0.00 | 0.00 | 0.78 | 2.68 | 1.32 | 2.68 | |
| | DATE OF OCCURRENCE | 18-19 | 12-13 | 13 | 11 | 24-25 | 03-04 | 20 | | | 15-16 | 29-30 | 04-05 | NOV 29-30 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 12 | 15 | 19 | 16 | 6 | 12 | 2 | 0 | 0 | 13 | 16 | 19 | 130 | | |
| PRECIPITATION 0.10 | 6 | 6 | 10 | 7 | 4 | 7 | 0 | 0 | 0 | 6 | 8 | 12 | 66 | | |
| PRECIPITATION 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.1 | 2.3 | 0.2 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 3.8 | |
| | GREATEST 24-HOUR (IN.) | 0.1 | 2.0 | 0.2 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 | |
| | DATE OF OCCURRENCE | 15 | 29 | 01 | | | 04 | | | | | | 18 | FEB 29 | |
| | MAXIMUM SNOW DEPTH (IN.) | 0 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| | DATE OF OCCURRENCE | | 13 | | | | | | | | | | 18 | DEC 18 | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |

NORMALS, MEANS, AND EXTREMES MEDFORD (KMFR)

LATITUDE:
42° 22'N

LONGITUDE:
122° 52'W

ELEVATION (FT):
GRND: 1297 BARO: 1304

TIME ZONE:
PACIFIC (UTC -8)

WBAN: 24225

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 47.8 | 54.3 | 59.5 | 64.9 | 73.3 | 81.6 | 90.7 | 90.7 | 83.5 | 69.9 | 53.0 | 45.9 | 67.9 |
| | MEAN DAILY MAXIMUM | 85 | 46.0 | 52.2 | 58.5 | 64.2 | 72.8 | 80.1 | 90.2 | 89.6 | 82.6 | 69.2 | 52.8 | 45.3 | 67.0 |
| | HIGHEST DAILY MAXIMUM | 83 | 71 | 79 | 86 | 93 | 103 | 111 | 115 | 114 | 110 | 99 | 77 | 72 | 115 |
| | YEAR OF OCCURRENCE | | 1981 | 1992 | 1930 | 1987 | 1986 | 1992 | 1946 | 1981 | 1988 | 1980 | 1999 | 1962 | JUL 1946 |
| | MEAN OF EXTREME MAXS. | 85 | 60.0 | 66.3 | 73.2 | 82.0 | 91.3 | 97.6 | 103.1 | 102.3 | 98.5 | 86.8 | 68.2 | 59.9 | 82.4 |
| | NORMAL DAILY MINIMUM | 30 | 32.8 | 34.1 | 37.1 | 40.8 | 46.2 | 52.0 | 57.4 | 56.8 | 50.0 | 42.0 | 36.4 | 32.7 | 43.2 |
| | MEAN DAILY MINIMUM | 85 | 30.6 | 31.8 | 35.3 | 38.4 | 44.1 | 49.8 | 55.4 | 54.5 | 47.8 | 40.4 | 34.4 | 31.7 | 41.2 |
| | LOWEST DAILY MINIMUM | 83 | -3 | 6 | 16 | 21 | 28 | 31 | 38 | 39 | 29 | 18 | 10 | -6 | -6 |
| | YEAR OF OCCURRENCE | | 1930 | 1950 | 1956 | 1936 | 1996 | 1952 | 1976 | 1962 | 1950 | 1971 | 1978 | 1972 | DEC 1972 |
| | MEAN OF EXTREME MINS. | 85 | 19.2 | 21.7 | 25.4 | 28.9 | 33.1 | 39.7 | 45.7 | 46.2 | 38.2 | 28.9 | 23.5 | 19.7 | 30.9 |
| | NORMAL DRY BULB | 30 | 40.3 | 44.2 | 48.3 | 52.8 | 59.8 | 66.8 | 74.1 | 73.7 | 66.8 | 56.0 | 44.7 | 39.3 | 55.6 |
| | MEAN DRY BULB | 85 | 38.3 | 42.0 | 46.9 | 51.3 | 58.4 | 64.9 | 72.9 | 72.1 | 65.2 | 54.8 | 43.6 | 38.5 | 54.1 |
| | MEAN WET BULB | 29 | 36.4 | 38.1 | 41.0 | 44.0 | 48.5 | 53.1 | 57.2 | 56.3 | 51.8 | 46.3 | 40.5 | 35.5 | 45.7 |
| | MEAN DEW POINT | 29 | 35.1 | 36.0 | 38.3 | 40.9 | 44.9 | 48.6 | 52.3 | 51.5 | 47.7 | 43.0 | 39.1 | 34.5 | 42.7 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.1 | 2.5 | 6.3 | 17.7 | 17.5 | 8.8 | 1.1 | 0.0 | 0.0 | 54.0 |
| | MAXIMUM <= 32 | 30 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.6 |
| MINIMUM <= 32 | 30 | 14.0 | 10.4 | 6.2 | 1.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 7.6 | 13.7 | 55.2 | |
| MINIMUM <= 0 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 766 | 582 | 518 | 367 | 198 | 54 | 6 | 4 | 59 | 291 | 609 | 797 | 4251 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 3 | 35 | 108 | 286 | 275 | 112 | 10 | 0 | 0 | 829 |
| RH | NORMAL (PERCENT) | 30 | 84 | 78 | 72 | 66 | 61 | 54 | 49 | 50 | 56 | 69 | 84 | 88 | 68 |
| | HOURLY 04 LST | 30 | 91 | 89 | 87 | 85 | 83 | 79 | 74 | 74 | 79 | 86 | 92 | 92 | 84 |
| | HOURLY 10 LST | 30 | 88 | 83 | 73 | 64 | 56 | 49 | 45 | 47 | 53 | 68 | 87 | 90 | 67 |
| | HOURLY 16 LST | 30 | 70 | 58 | 51 | 45 | 40 | 33 | 27 | 26 | 30 | 41 | 67 | 76 | 47 |
| | HOURLY 22 LST | 30 | 87 | 82 | 76 | 70 | 65 | 59 | 51 | 52 | 60 | 74 | 88 | 90 | 71 |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 49 | 12.3 | 5.6 | 1.8 | 0.5 | 0.2 | 0.2 | 0.0 | 0.1 | 0.4 | 3.5 | 11.1 | 12.5 | 48.2 |
| | THUNDERSTORMS | 65 | 0.0 | 0.1 | 0.2 | 0.6 | 1.4 | 1.7 | 1.4 | 1.3 | 0.7 | 0.2 | 0.0 | 0.1 | 7.7 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 68 | 6.6 | 6.1 | 5.8 | 5.4 | 4.6 | 3.7 | 1.7 | 2.0 | 2.7 | 4.4 | 6.3 | 6.8 | 4.7 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 33 | 6.3 | 5.7 | 5.4 | 5.3 | 4.2 | 3.5 | 1.7 | 2.0 | 2.5 | 3.9 | 6.2 | 6.6 | 4.4 |
| | MEAN NO. DAYS WITH: CLEAR | 68 | 2.6 | 3.7 | 5.2 | 5.8 | 9.3 | 12.9 | 22.6 | 21.3 | 17.5 | 10.4 | 3.3 | 2.1 | 116.7 |
| | PARTLY CLOUDY | 68 | 4.9 | 5.8 | 6.6 | 8.3 | 9.0 | 8.2 | 5.4 | 5.6 | 6.4 | 8.2 | 6.0 | 4.0 | 78.4 |
| | CLOUDY | 68 | 23.5 | 18.8 | 19.2 | 16.0 | 12.8 | 9.1 | 2.7 | 3.6 | 5.7 | 12.0 | 20.3 | 24.5 | 168.2 |
| PR | MEAN STATION PRESSURE(IN) | 29 | 28.70 | 28.64 | 28.63 | 28.63 | 28.60 | 28.59 | 28.58 | 28.57 | 28.58 | 28.65 | 28.69 | 28.70 | 28.63 |
| | MEAN SEA-LEVEL PRES. (IN) | 29 | 30.14 | 30.06 | 30.05 | 30.05 | 30.01 | 29.98 | 29.96 | 29.95 | 29.97 | 30.06 | 30.12 | 30.14 | 30.04 |
| WINDS | MEAN SPEED (MPH) | 29 | 3.3 | 4.0 | 4.6 | 4.8 | 5.2 | 5.5 | 5.3 | 4.7 | 3.8 | 3.2 | 3.2 | 3.2 | 4.2 |
| | PREVAIL.DIR.(TENS OF DEGS) | 42 | 36 | 36 | 32 | 31 | 31 | 31 | 30 | 31 | 30 | 31 | 36 | 36 | 30 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 15 | 41 | 41 | 43 | 35 | 37 | 40 | 30 | 43 | 47 | 33 | 37 | 40 | 47 |
| | DIR. (TENS OF DEGS) | | 13 | 14 | 13 | 25 | 14 | 10 | 21 | 14 | 14 | 14 | 15 | 14 | 14 |
| | YEAR OF OCCURRENCE | | 1998 | 2004 | 2001 | 2005 | 2000 | 2008 | 2007 | 1999 | 1998 | 2004 | 2011 | 2002 | SEP 1998 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 15 | 54 | 51 | 53 | 40 | 43 | 51 | 43 | 54 | 59 | 45 | 46 | 49 | 59 |
| | DIR. (TENS OF DEGS) | | 13 | 13 | 13 | 25 | 14 | 15 | 24 | 14 | 14 | 15 | 15 | 14 | 14 |
| YEAR OF OCCURRENCE | | 2010 | 2004 | 2009 | 2005 | 2000 | 2008 | 2000 | 1999 | 1998 | 2010 | 2011 | 2002 | SEP 1998 | |
| PRECIPITATION | NORMAL (IN) | 30 | 2.43 | 2.01 | 1.71 | 1.38 | 1.31 | 0.62 | 0.28 | 0.40 | 0.57 | 1.13 | 3.02 | 3.49 | 18.35 |
| | MAXIMUM MONTHLY (IN) | 83 | 6.67 | 5.67 | 5.54 | 3.59 | 4.58 | 3.49 | 1.63 | 2.83 | 4.22 | 9.16 | 8.62 | 12.72 | 12.72 |
| | YEAR OF OCCURRENCE | | 1936 | 1983 | 1957 | 2000 | 1945 | 1931 | 1966 | 1976 | 1977 | 1950 | 1942 | 1964 | DEC 1964 |
| | MINIMUM MONTHLY (IN) | 83 | 0.19 | 0.20 | 0.29 | 0.16 | T | 0.00 | 0.00 | 0.00 | 0.00 | T | 0.01 | 0.36 | 0.00 |
| | YEAR OF OCCURRENCE | | 1984 | 1988 | 1969 | 1949 | 1982 | 1951 | 1970 | 1981 | 1974 | 1987 | 1936 | 1976 | AUG 1981 |
| | MAXIMUM IN 24 HOURS (IN) | 83 | 3.17 | 2.96 | 1.61 | 1.54 | 1.67 | 1.96 | 1.07 | 1.15 | 3.09 | 2.92 | 2.99 | 3.75 | 3.75 |
| | YEAR OF OCCURRENCE | | 1943 | 1956 | 1972 | 2000 | 1956 | 1931 | 1966 | 1999 | 1977 | 1950 | 1953 | 1964 | DEC 1964 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 13.1 | 11.4 | 12.0 | 10.6 | 8.4 | 4.2 | 2.1 | 1.9 | 3.4 | 7.1 | 14.0 | 14.4 | 102.6 |
| PRECIPITATION >= 1.00 | 30 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.4 | 0.5 | 1.6 | |
| SNOWFALL | NORMAL (IN) | 30 | 1.3 | 0.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.5 | 4.1 |
| | MAXIMUM MONTHLY (IN) | 75 | 22.6 | 11.6 | 8.1 | 4.2 | 0.1 | T | 0.0 | T | 0.0 | 1.3 | 11.4 | 12.2 | 22.6 |
| | YEAR OF OCCURRENCE | | 1930 | 1956 | 1956 | 1953 | 1988 | 2012 | 2009 | 2011 | | 1956 | 1955 | 1972 | JAN 1930 |
| | MAXIMUM IN 24 HOURS (IN) | 75 | 9.3 | 5.2 | 7.9 | 4.2 | 0.1 | T | T | T | 0.0 | 1.3 | 8.5 | 4.2 | 9.3 |
| | YEAR OF OCCURRENCE' | | 1971 | 1956 | 1956 | 1953 | 1988 | 2012 | 1994 | 1997 | | 1956 | 1977 | 1964 | JAN 1971 |
| | MAXIMUM SNOW DEPTH (IN) | 56 | 6 | 3 | 6 | T | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 6 | 7 |
| | YEAR OF OCCURRENCE | | 1971 | 2007 | 1956 | 2011 | | | | | | | 1977 | 1972 | NOV 1977 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 0.5 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 1.6 | |

PRECIPITATION (inches) 2012 MEDFORD (KMFR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1983 | 0.92 | 5.67 | 3.21 | 1.12 | 0.81 | 0.66 | 0.59 | 2.21 | 2.05 | 1.21 | 4.97 | 6.73 | 30.15 |
| 1984 | 0.19 | 2.50 | 2.05 | 1.11 | 0.39 | 0.79 | 0.16 | 0.40 | 0.51 | 1.93 | 6.56 | 1.96 | 18.55 |
| 1985 | 0.23 | 1.58 | 1.22 | 0.39 | 1.00 | 0.37 | T | 0.02 | 1.53 | 1.50 | 2.02 | 0.83 | 10.69 |
| 1986 | 1.99 | 5.22 | 1.02 | 0.23 | 1.19 | 0.45 | T | T | 2.31 | 1.49 | 2.45 | 0.72 | 17.07 |
| 1987 | 2.89 | 2.24 | 1.34 | 0.45 | 0.95 | 0.12 | 1.34 | T | 0.00 | T | 1.68 | 3.77 | 14.78 |
| 1988 | 2.53 | 0.20 | 0.57 | 1.07 | 1.51 | 1.04 | 0.00 | 0.02 | 0.22 | 0.12 | 5.14 | 1.28 | 13.70 |
| 1989 | 2.33 | 0.78 | 3.94 | 2.42 | 1.01 | 0.16 | T | 0.41 | 1.94 | 0.71 | 0.71 | 0.68 | 15.09 |
| 1990 | 2.94 | 1.06 | 1.49 | 0.82 | 1.86 | 0.17 | 0.11 | 0.99 | 0.13 | 1.29 | 1.52 | 1.12 | 13.50 |
| 1991 | 1.55 | 1.73 | 2.42 | 1.07 | 1.84 | 0.68 | 1.10 | 0.22 | T | 0.39 | 2.42 | 1.08 | 14.50 |
| 1992 | 0.84 | 0.63 | 0.42 | 1.10 | 1.30 | 2.62 | 0.58 | T | 0.06 | 2.37 | 1.54 | 3.52 | 14.98 |
| 1993 | 2.65 | 1.37 | 1.25 | 1.83 | 2.63 | 1.23 | 0.66 | 1.21 | T | 0.66 | 0.68 | 2.43 | 16.60 |
| 1994 | 1.06 | 1.21 | 1.35 | 0.58 | 0.57 | 0.12 | 0.21 | 0.00 | 0.83 | 0.46 | 4.64 | 1.07 | 12.10 |
| 1995 | 3.76 | 0.40 | 2.63 | 2.49 | 0.54 | 1.54 | 1.17 | T | 0.12 | 0.20 | 1.26 | 7.66 | 21.77 |
| 1996 | 5.44 | 2.96 | 1.55 | 1.30 | 2.89 | 0.22 | .30 | .08 | .49 | 2.20 | 4.04 | 9.94 | 31.41 |
| 1997 | 3.44 | 1.11 | 1.00 | 1.98 | 1.09 | 1.42 | 0.02 | 1.39 | 0.83 | 2.19 | 2.10 | 1.36 | 17.93 |
| 1998 | 4.78 | 3.27 | 2.73 | 2.25 | 4.26 | 0.67 | 0.00 | 0.00 | 0.05 | 1.81 | 7.67 | 1.23 | 28.72 |
| 1999 | 3.65 | 4.32 | 0.81 | 0.44 | 0.66 | T | 0.04 | 2.03 | 0.00 | 1.72 | 1.94 | 0.89 | 16.50 |
| 2000 | 5.00 | 2.76 | 1.52 | 3.59 | 0.75 | 0.43 | 0.58 | 0.07 | 0.38 | 1.51 | 1.24 | 0.98 | 18.81 |
| 2001 | 1.00 | 0.82 | 1.55 | 1.15 | 0.40 | 0.38 | 0.19 | 0.03 | 0.79 | 0.19 | 4.16 | 4.35 | 15.01 |
| 2002 | 1.59 | 1.65 | 1.33 | 1.49 | 0.53 | 0.03 | 0.08 | 0.00 | 0.53 | 0.16 | 3.42 | 7.19 | 18.00 |
| 2003 | 2.48 | 1.74 | 2.52 | 3.53 | 0.86 | 0.00 | 0.00 | 0.76 | 0.86 | 0.05 | 2.38 | 4.66 | 19.84 |
| 2004 | 2.98 | 3.35 | 1.27 | 0.75 | 1.27 | 0.18 | T | 0.52 | 0.04 | 2.90 | 1.70 | 4.13 | 19.09 |
| 2005 | 1.60 | 0.30 | 1.77 | 2.16 | 2.97 | 0.68 | 0.07 | 0.00 | 0.48 | 0.39 | 5.93 | 7.07 | 23.42 |
| 2006 | 5.12 | 1.94 | 2.19 | 1.26 | 1.51 | 0.81 | T | T | 0.06 | 0.38 | 3.78 | 4.75 | 21.80 |
| 2007 | 1.66 | 3.57 | 0.97 | 1.34 | 0.27 | 0.20 | 0.62 | 0.23 | 0.59 | 2.06 | 2.81 | 2.78 | 17.10 |
| 2008 | 3.77 | 0.54 | 1.85 | 0.69 | 1.20 | 0.09 | T | 0.04 | 0.01 | 0.40 | 2.29 | 2.93 | 13.81 |
| 2009 | 1.52 | 0.91 | 1.57 | 0.35 | 2.18 | 1.14 | T | 0.38 | 0.08 | 0.65 | 1.22 | 1.81 | 11.81 |
| 2010 | 2.77 | 1.03 | 2.10 | 2.92 | 1.53 | 1.00 | 0.00 | 0.86 | 0.79 | 2.06 | 1.94 | 4.31 | 21.31 |
| 2011 | 1.73 | 1.23 | 4.26 | 2.12 | 2.20 | 0.69 | 0.60 | T | 0.01 | 0.65 | 1.99 | 0.94 | 16.42 |
| 2012 | 2.76 | 2.19 | 3.72 | 1.92 | 1.10 | 2.36 | 0.07 | 0.00 | 0.00 | 1.96 | 5.13 | 5.66 | 26.87 |
| POR= 85 YRS | 2.85 | 2.02 | 1.81 | 1.25 | 1.25 | 0.80 | 0.24 | 0.34 | 0.63 | 1.54 | 2.85 | 3.43 | 19.01 |

WBAN : 24225

AVERAGE TEMPERATURE (°F) 2012 MEDFORD (KMFR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1983 | 39.7 | 44.6 | 48.9 | 49.1 | 59.6 | 64.2 | 68.6 | 73.0 | 63.6 | 54.3 | 43.7 | 40.4 | 54.1 |
| 1984 | 38.8 | 43.0 | 48.9 | 49.3 | 58.3 | 63.3 | 73.8 | 71.8 | 65.2 | 51.5 | 44.5 | 36.3 | 53.7 |
| 1985 | 37.6 | 42.1 | 44.1 | 56.2 | 57.9 | 68.2 | 76.4 | 71.0 | 61.0 | 53.1 | 38.1 | 36.1 | 53.5 |
| 1986 | 44.0 | 46.4 | 51.6 | 51.4 | 59.1 | 70.4 | 70.5 | 77.1 | 60.8 | 55.6 | 44.7 | 37.8 | 55.8 |
| 1987 | 38.3 | 44.1 | 47.9 | 56.6 | 62.3 | 70.4 | 70.0 | 74.2 | 66.6 | 61.2 | 46.7 | 39.4 | 56.5 |
| 1988 | 39.7 | 44.8 | 47.2 | 53.8 | 56.6 | 65.5 | 75.5 | 73.6 | 67.4 | 61.9 | 45.2 | 38.3 | 55.8 |
| 1989 | 37.8 | 38.3 | 47.4 | 57.3 | 58.4 | 67.6 | 70.2 | 70.7 | 65.8 | 54.6 | 43.0 | 35.5 | 53.9 |
| 1990 | 39.9 | 41.1 | 49.0 | 57.5 | 57.0 | 66.4 | 76.3 | 73.5 | 69.5 | 53.5 | 42.2 | 31.7 | 54.8 |
| 1991 | 37.8 | 47.7 | 45.9 | 49.6 | 54.8 | 62.9 | 74.2 | 73.6 | 70.7 | 58.0 | 46.8 | 38.3 | 55.0 |
| 1992 | 40.9 | 48.4 | 51.9 | 56.5 | 66.3 | 69.7 | 74.2 | 75.7 | 67.1 | 57.3 | 45.4 | 37.6 | 57.6 |
| 1993 | 38.5 | 41.8 | 51.4 | 51.5 | 60.5 | 63.7 | 64.8 | 70.4 | 67.3 | 58.5 | 39.9 | 38.9 | 53.9 |
| 1994 | 40.5 | 41.6 | 49.1 | 54.2 | 61.2 | 65.4 | 76.5 | 72.3 | 69.3 | 53.9 | 38.8 | 39.3 | 55.2 |
| 1995 | 45.2 | 48.2 | 47.0 | 50.8 | 60.4 | 64.4 | 72.9 | 69.9 | 69.5 | 55.9 | 49.1 | 43.6 | 56.4 |
| 1996 | 40.7 | 47.3 | 48.9 | 53.2 | 56.8 | 65.6 | 76.7 | 74.5 | 64.0 | 55.0 | 46.6 | 41.1 | 55.9 |
| 1997 | 39.6 | 42.9 | 49.3 | 52.4 | 64.1 | 64.3 | 72.9 | 73.8 | 66.1 | 54.3 | 47.4 | 37.6 | 55.4 |
| 1998 | 43.2 | 44.4 | 47.2 | 51.6 | 54.2 | 65.9 | 76.6 | 75.5 | 68.8 | 52.9 | 45.7 | 35.5 | 55.1 |
| 1999 | 38.8 | 41.8 | 45.5 | 50.3 | 56.6 | 64.7 | 72.2 | 72.5 | 67.7 | 56.7 | 49.8 | 38.7 | 54.6 |
| 2000 | 39.6 | 46.1 | 45.5 | 55.0 | 59.0 | 68.7 | 71.9 | 73.2 | 65.8 | 54.9 | 40.2 | 38.4 | 54.9 |
| 2001 | 39.7 | 41.7 | 48.9 | 49.4 | 64.3 | 64.6 | 73.1 | 74.7 | 68.2 | 56.5 | 46.8 | 40.9 | 55.7 |
| 2002 | 39.5 | 45.0 | 45.7 | 53.5 | 58.5 | 68.0 | 76.6 | 72.0 | 67.1 | 53.5 | 45.7 | 41.5 | 55.6 |
| 2003 | 44.2 | 43.0 | 48.6 | 49.0 | 58.6 | 69.9 | 77.4 | 73.8 | 68.9 | 58.1 | 43.2 | 42.8 | 56.5 |
| 2004 | 41.5 | 44.9 | 52.6 | 55.4 | 59.7 | 68.5 | 76.4 | 75.6 | 64.9 | 55.7 | 42.4 | 40.7 | 56.5 |
| 2005 | 39.2 | 44.9 | 50.3 | 51.9 | 60.5 | 63.5 | 76.4 | 76.2 | 64.4 | 55.8 | 43.0 | 40.7 | 55.6 |
| 2006 | 40.8 | 43.7 | 44.2 | 53.2 | 62.3 | 69.5 | 77.2 | 73.3 | 67.4 | 55.2 | 45.4 | 40.1 | 56.0 |
| 2007 | 35.9 | 42.3 | 50.4 | 53.1 | 61.9 | 66.7 | 76.2 | 73.1 | 64.6 | 53.1 | 44.7 | 38.4 | 55.0 |
| 2008 | 37.0 | 42.8 | 44.4 | 49.5 | 60.9 | 65.9 | 75.1 | 74.3 | 69.7 | 56.3 | 46.3 | 36.6 | 54.9 |
| 2009 | 38.8 | 44.0 | 45.9 | 52.1 | 62.3 | 67.5 | 77.9 | 74.0 | 69.4 | 53.5 | 42.5 | 35.3 | 55.3 |
| 2010 | 45.8 | 45.8 | 47.6 | 49.6 | 55.1 | 64.0 | 75.5 | 73.1 | 66.6 | 57.4 | 43.8 | 42.6 | 55.6 |
| 2011 | 39.4 | 41.0 | 46.6 | 48.8 | 54.9 | 64.4 | 71.2 | 74.9 | 71.8 | 56.4 | 45.3 | 35.3 | 54.2 |
| 2012 | 39.0 | 43.3 | 45.2 | 54.1 | 60.6 | 64.1 | 73.8 | 76.4 | 71.0 | 57.3 | 47.4 | 39.2 | 56.0 |
| POR= 85 YRS | 38.3 | 42.0 | 46.9 | 51.3 | 58.4 | 64.9 | 72.9 | 72.1 | 65.2 | 54.8 | 43.6 | 38.5 | 54.1 |

HEATING DEGREE DAYS (base 65°F) 2012 MEDFORD (KMFR)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-------|
| 1983-84 | 26 | 3 | 77 | 322 | 632 | 757 | 806 | 633 | 491 | 467 | 219 | 108 | 4541 |
| 1984-85 | 0 | 0 | 79 | 416 | 608 | 881 | 842 | 635 | 642 | 257 | 225 | 37 | 4622 |
| 1985-86 | 0 | 4 | 135 | 368 | 801 | 890 | 644 | 515 | 407 | 407 | 251 | 29 | 4451 |
| 1986-87 | 11 | 0 | 197 | 286 | 602 | 833 | 825 | 579 | 524 | 255 | 144 | 32 | 4288 |
| 1987-88 | 21 | 0 | 26 | 136 | 540 | 786 | 780 | 579 | 544 | 330 | 268 | 106 | 4116 |
| 1988-89 | 1 | 0 | 62 | 115 | 586 | 822 | 837 | 742 | 538 | 228 | 222 | 24 | 4177 |
| 1989-90 | 7 | 7 | 40 | 313 | 651 | 906 | 772 | 663 | 489 | 221 | 251 | 55 | 4375 |
| 1990-91 | 3 | 5 | 0 | 351 | 680 | 1022 | 837 | 477 | 588 | 456 | 313 | 82 | 4814 |
| 1991-92 | 1 | 1 | 11 | 246 | 541 | 820 | 738 | 476 | 399 | 253 | 48 | 43 | 3577 |
| 1992-93 | 0 | 1 | 35 | 233 | 583 | 844 | 816 | 643 | 411 | 397 | 150 | 90 | 4203 |
| 1993-94 | 42 | 15 | 65 | 216 | 747 | 804 | 752 | 649 | 488 | 317 | 138 | 70 | 4303 |
| 1994-95 | 0 | 0 | 25 | 339 | 782 | 788 | 605 | 465 | 551 | 422 | 170 | 104 | 4251 |
| 1995-96 | 0 | 6 | 23 | 276 | 473 | 656 | 746 | 508 | 492 | 349 | 254 | 45 | 3828 |
| 1996-97 | 3 | 0 | 89 | 327 | 544 | 731 | 780 | 614 | 479 | 370 | 103 | 59 | 4099 |
| 1997-98 | 3 | 0 | 49 | 325 | 519 | 841 | 668 | 572 | 546 | 402 | 326 | 26 | 4277 |
| 1998-99 | 0 | 0 | 35 | 366 | 574 | 908 | 804 | 643 | 596 | 432 | 276 | 85 | 4719 |
| 1999-00 | 10 | 18 | 34 | 251 | 449 | 808 | 781 | 543 | 595 | 291 | 200 | 42 | 4022 |
| 2000-01 | 14 | 0 | 57 | 308 | 738 | 818 | 779 | 644 | 493 | 464 | 112 | 68 | 4495 |
| 2001-02 | 1 | 0 | 29 | 273 | 538 | 742 | 783 | 553 | 590 | 338 | 213 | 42 | 4102 |
| 2002-03 | 0 | 12 | 54 | 351 | 571 | 723 | 639 | 612 | 499 | 474 | 225 | 18 | 4178 |
| 2003-04 | 0 | 0 | 36 | 214 | 648 | 680 | 721 | 575 | 376 | 286 | 166 | 37 | 3739 |
| 2004-05 | 0 | 1 | 60 | 297 | 669 | 746 | 792 | 558 | 450 | 387 | 163 | 94 | 4217 |
| 2005-06 | 0 | 0 | 63 | 278 | 654 | 746 | 744 | 589 | 637 | 352 | 128 | 19 | 4210 |
| 2006-07 | 0 | 0 | 56 | 298 | 582 | 762 | 897 | 631 | 445 | 355 | 139 | 42 | 4207 |
| 2007-08 | 0 | 0 | 96 | 361 | 601 | 819 | 858 | 637 | 631 | 461 | 186 | 70 | 4720 |
| 2008-09 | 0 | 9 | 16 | 273 | 555 | 873 | 806 | 582 | 588 | 388 | 142 | 15 | 4247 |
| 2009-10 | 0 | 1 | 34 | 350 | 665 | 914 | 589 | 531 | 535 | 455 | 306 | 81 | 4461 |
| 2010-11 | 6 | 16 | 43 | 242 | 630 | 686 | 787 | 666 | 566 | 478 | 306 | 61 | 4487 |
| 2011-12 | 0 | 1 | 12 | 257 | 588 | 912 | 800 | 624 | 609 | 336 | 167 | 94 | 4400 |
| 2012- | 0 | 0 | 1 | 241 | 519 | 791 | | | | | | | |

WBAN : 24225

COOLING DEGREE DAYS (base 65°F) 2012 MEDFORD (KMFR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1983 | 0 | 0 | 0 | 0 | 74 | 49 | 144 | 259 | 43 | 0 | 0 | 0 | 569 |
| 1984 | 0 | 0 | 0 | 0 | 20 | 64 | 280 | 219 | 90 | 5 | 0 | 0 | 678 |
| 1985 | 0 | 0 | 0 | 0 | 10 | 141 | 360 | 196 | 21 | 5 | 0 | 0 | 733 |
| 1986 | 0 | 0 | 0 | 5 | 74 | 198 | 189 | 383 | 80 | 0 | 0 | 0 | 929 |
| 1987 | 0 | 0 | 0 | 11 | 66 | 203 | 185 | 292 | 81 | 24 | 0 | 0 | 862 |
| 1988 | 0 | 0 | 0 | 0 | 12 | 128 | 334 | 276 | 143 | 27 | 0 | 0 | 920 |
| 1989 | 0 | 0 | 0 | 4 | 24 | 109 | 176 | 190 | 71 | 0 | 0 | 0 | 574 |
| 1990 | 0 | 0 | 0 | 2 | 13 | 99 | 358 | 275 | 142 | 1 | 0 | 0 | 890 |
| 1991 | 0 | 0 | 0 | 0 | 0 | 26 | 292 | 271 | 189 | 37 | 0 | 0 | 815 |
| 1992 | 0 | 0 | 0 | 5 | 96 | 189 | 292 | 338 | 102 | 2 | 0 | 0 | 1024 |
| 1993 | 0 | 0 | 0 | 0 | 17 | 58 | 42 | 188 | 140 | 20 | 0 | 0 | 465 |
| 1994 | 0 | 0 | 0 | 2 | 31 | 89 | 363 | 234 | 159 | 2 | 0 | 0 | 880 |
| 1995 | 0 | 0 | 0 | 0 | 34 | 95 | 253 | 163 | 164 | 0 | 0 | 0 | 709 |
| 1996 | 0 | 0 | 0 | 0 | 8 | 70 | 375 | 301 | 66 | 25 | 0 | 0 | 845 |
| 1997 | 0 | 0 | 0 | 0 | 82 | 43 | 254 | 283 | 87 | 0 | 0 | 0 | 749 |
| 1998 | 0 | 0 | 0 | 9 | 0 | 60 | 366 | 330 | 154 | 0 | 0 | 0 | 919 |
| 1999 | 0 | 0 | 0 | 0 | 24 | 84 | 240 | 257 | 121 | 1 | 0 | 0 | 727 |
| 2000 | 0 | 0 | 0 | 0 | 26 | 161 | 235 | 260 | 90 | 3 | 0 | 0 | 775 |
| 2001 | 0 | 0 | 0 | 4 | 95 | 64 | 260 | 309 | 132 | 19 | 0 | 0 | 883 |
| 2002 | 0 | 0 | 0 | 0 | 21 | 139 | 366 | 236 | 125 | 0 | 0 | 0 | 887 |
| 2003 | 0 | 0 | 0 | 0 | 34 | 176 | 392 | 281 | 160 | 8 | 0 | 0 | 1051 |
| 2004 | 0 | 0 | 0 | 8 | 11 | 151 | 361 | 335 | 64 | 15 | 0 | 0 | 945 |
| 2005 | 0 | 0 | 0 | 0 | 30 | 56 | 361 | 355 | 53 | 0 | 0 | 0 | 855 |
| 2006 | 0 | 0 | 0 | 4 | 51 | 160 | 383 | 261 | 133 | 0 | 0 | 0 | 992 |
| 2007 | 0 | 0 | 0 | 0 | 49 | 98 | 355 | 256 | 89 | 0 | 0 | 0 | 847 |
| 2008 | 0 | 0 | 0 | 0 | 65 | 104 | 317 | 303 | 164 | 8 | 0 | 0 | 961 |
| 2009 | 0 | 0 | 0 | 10 | 68 | 100 | 405 | 286 | 172 | 0 | 0 | 0 | 1041 |
| 2010 | 0 | 0 | 0 | 0 | 6 | 55 | 339 | 274 | 95 | 14 | 0 | 0 | 783 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 49 | 198 | 314 | 222 | 0 | 0 | 0 | 783 |
| 2012 | 0 | 0 | 0 | 13 | 39 | 72 | 278 | 360 | 187 | 11 | 0 | 0 | 960 |

SNOWFALL (inches) 2012 MEDFORD (KMFR)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.4 | T | T | 0.0 | T | T | 0.0 | 3.4 |
| 1984-85 | 0.0 | 0.0 | 0.0 | T | 0.1 | 0.9 | 1.8 | 0.4 | 2.0 | T | 0.0 | 0.0 | 5.2 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | T | 0.0 | 0.1 | 0.0 | T | 0.0 | 0.0 | 0.6 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | T | T | 0.0 | 0.0 | T |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.8 | 8.0 | T | 0.0 | T | 0.1 | 0.0 | 11.9 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.4 | 3.6 | 1.5 | 2.2 | 0.0 | 0.0 | 0.0 | 10.7 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.8 | 0.5 | 2.2 | 0.3 | 0.0 | 0.0 | 0.0 | 3.8 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | T | 0.0 | 0.6 | T | T | T | 3.2 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1992-93 | T | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.2 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | T | T | T | T | 0.0 | 0.0 | 0.0 | 0.1 |
| 1994-95 | T | 0.0 | 0.0 | 0.0 | 1.1 | 0.1 | 0.4 | T | T | T | 0.0 | 0.0 | 1.6 |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.1 | 0.2 | 0.0 | T | 0.0 | 1.3 |
| 1996-97 | T | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | T | 0.0 | 0.0 | 0.0 | T |
| 1997-98 | 0.0 | T | 0.0 | 0.0 | 0.0 | 1.0 | | | | | | | |
| 1998-99 | | | | | | 6.7 | | | | | | | |
| 1999-00 | | | | | | | | | | | | | |
| 2000-01 | | | | | | | | | | | | | |
| 2001-02 | | | | | | | | | | | | | |
| 2002-03 | | | | | | | | | | | | | |
| 2003-04 | | | | | | | | | | | | | |
| 2004-05 | | | | | | | | | | | | | |
| 2005-06 | | | | | 1.0 | T | 0.3 | T | 3.0 | 0.0 | 0.0 | 0.0 | |
| 2006-07 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 3.1 | 5.6 | T | 0.0 | 0.0 | 0.0 | 9.0 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.8 | 6.2 | T | 0.0 | T | 0.0 | 0.0 | 10.0 |
| 2008-09 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 0.1 | 0.6 | T | T | 0.0 | 0.0 | 4.8 |
| 2009-10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.5 |
| 2010-11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.1 | T | 1.9 | 0.0 | 0.8 | 0.0 | 0.0 | 3.3 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.1 | 2.3 | 0.2 | 0.0 | 0.0 | T | 2.6 |
| 2012- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | | | | | | | |
| POR= 84 YRS | T | T | 0.0 | T | 0.4 | 1.3 | 2.7 | 1.1 | 0.6 | 0.2 | T | T | 6.3 |

WBAN : 24225

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:</p> <p>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> <p>The 2012 Annual Publications were reproduced on 6/05/13 to correct two problems that occurred when the Publications were first produced on 02/28/13.</p> <ol style="list-style-type: none"> 1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog. 2) Climate Normals in the Annual Publications were based on a first edition of the 1981-2010 Normals release. With the release of Service Pack 1 (SP1) new normals for 83 stations are available and now included. Additional information on SP1 is available at: http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt. |
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2012 MEDFORD OREGON (KMFR)

Medford is located in a mountain valley formed by the famous Rogue River and one of its tributaries, Bear Creek. The major portion of the valley ranges in elevation from 1,300 to 1,400 feet above sea level. Mountains surround the valley on all sides, to the east the Cascades, ranging up to 9,500 feet, to the south the Siskiyou, ranging up to 7,600 feet, and to the west and north, the Coast Range and Umpqua Divide, ranging up to 5,500 feet above sea level. The valley exits to the ocean 80 miles westward through the narrow canyon of the Rogue River.

Medford has a moderate climate of marked seasonal characteristics. Late fall, winter, and early spring months are damp, cloudy, and cool under the influence of marine air. Late spring, summer, and early fall are warm, dry, and sunny, due to the dry continental nature of the prevailing winds aloft that cross this area.

The rain shadow afforded by the Siskiyou and Coast Range results in a relatively light annual rainfall, most of which falls during the winter season. Summertime rainfall is brought by thunderstorm activity. Snowfall is quite heavy in the surrounding mountains during the winter, providing excellent skiing. The mountains provide irrigation water storage which is necessary for production of most commercial crops during the dry summer. Valley snowfall is light. Individual accumulations of snow seldom last more than 24 hours and present little hindrance to transportation on the valley floor.

Few extremes of temperature occur. High temperatures in the summer months average slightly below 90 degrees. High temperatures are always

accompanied by low humidity, and hot days give way to cool nights as cool air drains down the mountain slopes into the valley. The length of the growing season is 170 days, from late April to mid-October. The last date of 32 degrees in the spring normally occurs in mid-June and the first date of 32 degrees in the fall occurs in mid-September.

Valley winds are usually very light, prevailing from the north or northwest much of the year. Winds exceeding 10 mph during the winter months nearly always come from the southerly quadrant. Highest velocities are reached when a well developed storm off the northern California coast causes a foehn or chinook wind off the Siskiyou Mountains to the south, speeds to 50 mph are common, and gusts to 70 mph have been recorded occasionally. Summer thunderstorms produce gusty winds to 40 or 50 mph which may come from any direction.

Fog often fills the lower portion of the valley during the winter and early spring months, when rapid clearing of the sky after a storm allows nocturnal cooling of the entrapped, moist air to the saturation point. Duration of the fog is seldom more than three days. Geographical and meteorological conditions contribute to a smoke problem during the fall, winter and early spring months. Smoke, from local sources, occasionally reduces visibility to 1 to 3 miles under stable conditions.

Station History

MEDFORD, OR

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|------------------------------|------------|------------|----------|-----------|----------------|------------|---------------|
| MEDFORD MUNICIPAL AP | 1927-01-01 | 1928-12-31 | 42° 19' | -122° 51' | | | WXSVC |
| MEDFORD JACKSON COUNTY AP | 1968-11-05 | 1969-01-01 | 42° 22' | -122° 52' | 1298 | | AIRWAYS, COOP |
| MEDFORD JACKSON COUNTY AP | 1984-09-16 | 1996-02-05 | 42° 22' | -122° 52' | 1300 | .7 MI NW | COOP |
| MEDFORD MUNICIPAL AP | 1948-07-01 | 1953-01-01 | 42° 22' | -122° 52' | 1329 | | AIRWAYS, COOP |
| MEDFORD MUNICIPAL AP | 1953-01-01 | 1968-11-05 | 42° 22' | -122° 52' | 1298 | | AIRWAYS, COOP |
| MEDFORD ROGUE VALLEY INTL AP | 1998-01-01 | 1998-11-04 | 42° 23' | -122° 52' | 1300 | | ASOS, COOP |
| MEDFORD JACKSON COUNTY AP | 1981-12-31 | 1984-09-16 | 42° 22' | -122° 52' | 1298 | | COOP |
| MEDFORD ROGUE VALLEY INTL AP | 1998-11-04 | 2010-06-24 | 42° 22' | -122° 52' | 1297 | | ASOS, COOP |
| MEDFORD MUNICIPAL AP | 1930-01-01 | 1948-07-01 | 42° 22' | -122° 52' | | 3 MI N | AIRWAYS |
| MEDFORD ROGUE VALLEY INTL AP | 2010-06-24 | Present | 42° 22' | -122° 52' | 1297 | | ASOS, COOP |
| MEDFORD JACKSON COUNTY AP | 1969-01-01 | 1981-12-31 | 42° 22' | -122° 52' | 1298 | | COOP, WXSVC |
| MEDFORD JACKSON COUNTY AP | 1996-02-05 | 1998-01-01 | 42° 22' | -122° 52' | 1300 | 300 FT N | COOP |
| MEDFORD MUNICIPAL AP | 1929-02-01 | 1930-01-01 | 42° 19' | -122° 52' | | | WXSVC |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP | 1982-01-01 | 1984-09-16 | DAILY | 2400 | | | |
| PRECIP | 1927-01-01 | 1928-12-31 | DAILY | 2400 | | | |
| TEMP | 1982-01-01 | 1984-09-16 | DAILY | 2400 | | | |
| PRECIP | 1982-01-01 | 1984-09-16 | HOURLY | 2400 | | | |
| TEMP | 1927-01-01 | 1928-12-31 | DAILY | 2400 | | | |
| TEMP | 1929-02-01 | 1982-01-01 | DAILY | 2400 | | | |
| PRECIP | 1984-09-16 | 1996-05-17 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1996-05-17 | 2003-04-08 | HOURLY | 2400 | UNIV | RCRD | |
| TEMP | 2010-06-24 | Present | DAILY | 2400 | ATEMP | | |
| TEMP | 2003-04-08 | 2010-06-24 | DAILY | 2400 | ATEMP | | |
| PRECIP | 1984-09-16 | 1996-05-17 | HOURLY | 2400 | | | |
| TEMP | 1984-09-16 | 1996-05-17 | DAILY | 2400 | HYGR | | |
| TEMP | 1996-05-17 | 2003-04-08 | DAILY | 2400 | HYGR | | |
| PRECIP | 2003-04-08 | 2010-06-24 | HOURLY | 2400 | AHTB | RCRD;HTD | |
| PRECIP | 2010-06-24 | Present | DAILY | 2400 | PCPNX | | |
| PRECIP | 2010-06-24 | Present | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| PRECIP | 1996-05-17 | 2003-04-08 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 2003-04-08 | 2010-06-24 | DAILY | 2400 | PCPNX | | |
| PRECIP | 1929-02-01 | 1982-01-01 | DAILY | 2400 | | | |

* 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

Fax Number : (828) 271-4876

TDD : (828) 271-4010

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