

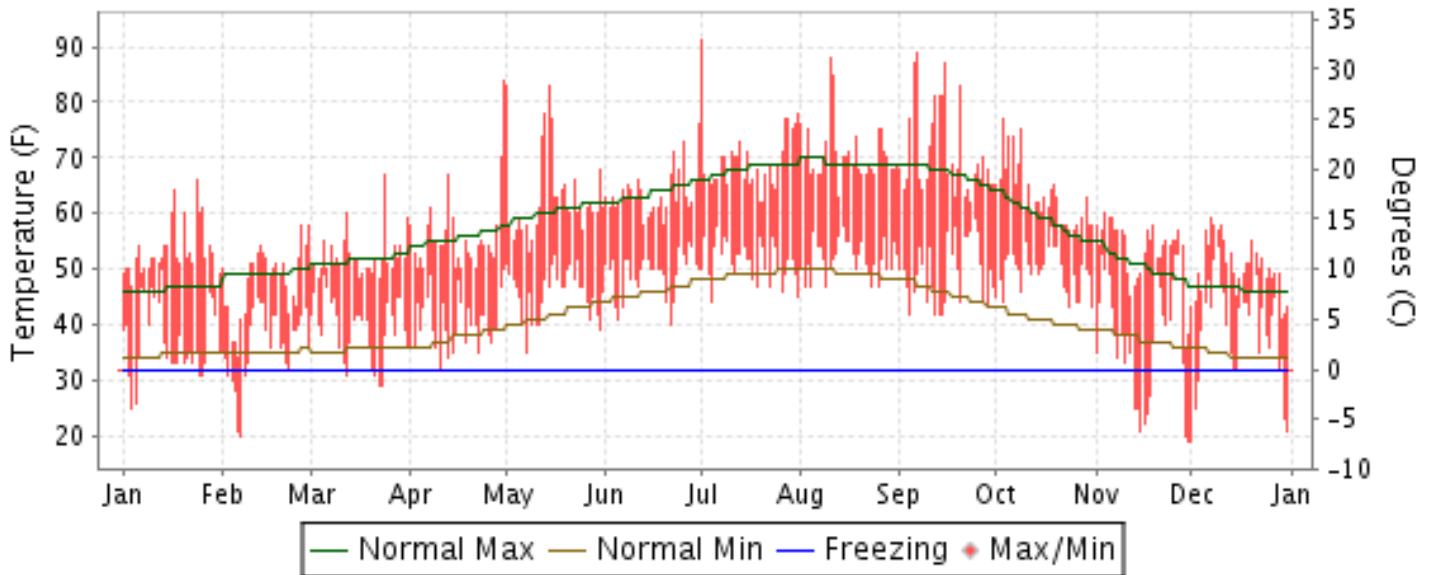


2014 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

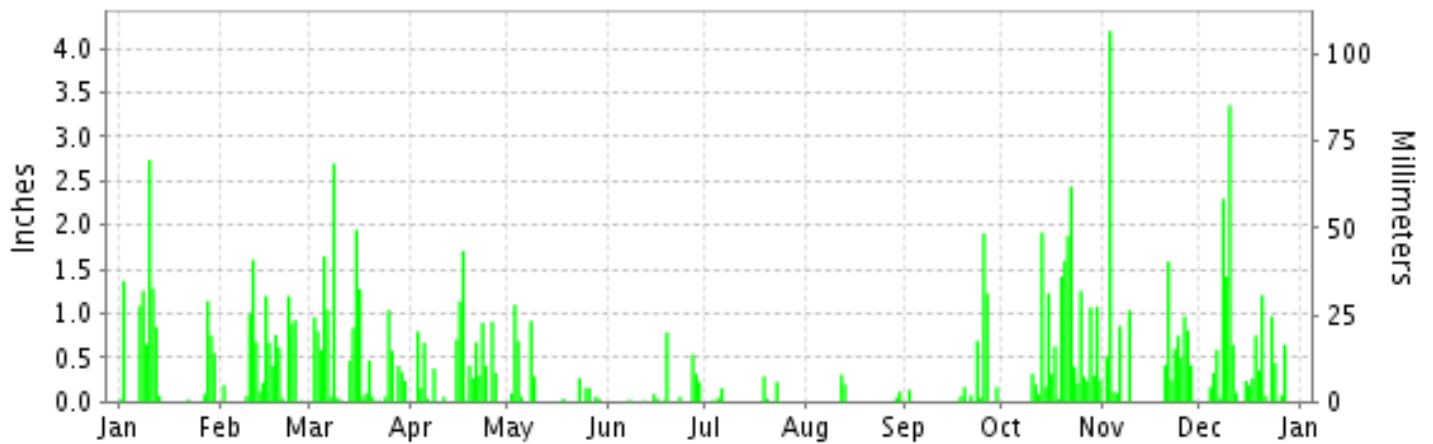
ISSN 0198-5426

QUILLAYUTE, WASHINGTON (KUIL)

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

QUILLAYUTE (KUIL)

LATITUDE: 47° 56'N LONGITUDE: 124° 33'W ELEVATION (FT): GRND: 185 BARO: 181 TIME ZONE: PACIFIC (UTC -8) WBAN: 94240

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|---|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 53.3 | 47.8 | 52.3 | 56.0 | 63.2 | 63.6 | 69.6 | 70.8 | 71.1 | 63.2 | 53.2 | 50.2 | 59.5 | |
| | HIGHEST DAILY MAXIMUM | 66 | 58 | 67 | 84 | 83 | 76 | 91 | 88 | 89 | 77 | 60 | 59 | 91 | |
| | DATE OF OCCURRENCE | 24 | 28+ | 24 | 30 | 14+ | 30 | 01 | 10 | 06 | 03 | 04 | 07 | JUL 01 | |
| | MEAN DAILY MINIMUM | 37.3 | 36.3 | 39.4 | 40.3 | 45.7 | 49.2 | 51.4 | 51.9 | 49.5 | 49.5 | 37.2 | 38.8 | 43.9 | |
| | LOWEST DAILY MINIMUM | 25 | 20 | 29 | 32 | 35 | 40 | 44 | 47 | 42 | 43 | 19 | 19 | 19 | |
| | DATE OF OCCURRENCE | 04 | 07 | 23+ | 10 | 07 | 21 | 04 | 25+ | 14+ | 31+ | 30 | 01 | DEC 01 | |
| | AVERAGE DRY BULB | 45.3 | 42.0 | 45.8 | 48.2 | 54.5 | 56.4 | 60.5 | 61.4 | 60.3 | 56.3 | 45.2 | 44.5 | 51.7 | |
| | MEAN WET BULB | 42.5 | 38.6 | 43.8 | 45.6 | 51.1 | 53.4 | 56.8 | 57.4 | 55.4 | 53.8 | 42.3 | 43.0 | 48.6 | |
| | MEAN DEW POINT | 39.5 | 32.9 | 41.6 | 42.9 | 47.7 | 51.5 | 54.6 | 55.5 | 51.2 | 52.6 | 37.9 | 41.1 | 45.8 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | MAXIMUM <= 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM <= 32° | 5 | 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 34 | | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| H/C | HEATING DEGREE DAYS | 605 | 636 | 586 | 502 | 321 | 249 | 136 | 114 | 139 | 260 | 585 | 625 | 4758 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 2 | 2 | 0 | 6 | 8 | 7 | 0 | 0 | 0 | 25 | |
| RH | MEAN (PERCENT) | 83 | 72 | 87 | 84 | 80 | 86 | 85 | 85 | 79 | 91 | 81 | 89 | 84 | |
| | HOUR 04 LST | 88 | 78 | 92 | 94 | 93 | 97 | 97 | 97 | 91 | 97 | 87 | 92 | 92 | |
| | HOUR 10 LST | 80 | 68 | 78 | 74 | 70 | 77 | 74 | 74 | 67 | 83 | 73 | 88 | 76 | |
| | HOUR 16 LST | 80 | 67 | 82 | 76 | 69 | 76 | 72 | 73 | 67 | 88 | 76 | 89 | 76 | |
| | HOUR 22 LST | 84 | 73 | 94 | 92 | 89 | 94 | 94 | 96 | 87 | 95 | 86 | 91 | 90 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 9 | 2 | 3 | 3 | 3 | 4 | 9 | 20 | 5 | 11 | 0 | 2 | 71 | |
| | THUNDERSTORMS | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 4 | |
| PR | MEAN STATION PRESS. (IN.) | 29.93 | 29.70 | 29.74 | 29.81 | 29.84 | 29.83 | 29.85 | 29.81 | 29.73 | 29.67 | 29.81 | 29.74 | 29.79 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.17 | 29.91 | 29.99 | 30.04 | 30.06 | 30.05 | 30.08 | 30.03 | 29.96 | 29.89 | 30.04 | 29.97 | 30.02 | |
| WINDS | RESULTANT SPEED (MPH) | 1.1 | 1.8 | 2.7 | 1.7 | 2.3 | 3.0 | 2.5 | 2.4 | 0.7 | 2.2 | 1.8 | 2.6 | 1.0 | |
| | RES. DIR. (TENS OF DEGS.) | 20 | 10 | 20 | 19 | 25 | 26 | 28 | 26 | 18 | 16 | 10 | 12 | 21 | |
| | MEAN SPEED (MPH) | 4.7 | 8.1 | 6.7 | 5.5 | 5.1 | 5.2 | 4.8 | 4.0 | 5.0 | 5.4 | 6.7 | 6.8 | 5.7 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 09 | 06 | 19 | 22 | 26 | 28 | 29 | 25 | 19 | 08 | 06 | 08 | 06 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 29 | 35 | 25 | 21 | 20 | 20 | 18 | 17 | 23 | 30 | 28 | 31 | 35 | |
| | DIR. (TENS OF DEGS.) | 26 | 25 | 21 | 13 | 34 | 25 | 33 | 33 | 19 | 16 | 04 | 18 | 25 | |
| | DATE OF OCCURRENCE | 11 | 15 | 29 | 26 | 30 | 19 | 27 | 09 | 24 | 21 | 11 | 10 | FEB 15 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 51 | 50 | 41 | 34 | 29 | 28 | 26 | 23 | 37 | 45 | 49 | 49 | 51 | |
| DIR. (TENS OF DEGS.) | 18 | 24 | 19 | 18 | 19 | 23 | 19 | 33 | 19 | 14 | 20 | 19 | 18 | | |
| DATE OF OCCURRENCE | 11 | 15 | 06 | 26 | 03 | 19 | 23 | 09 | 24 | 21 | 06 | 10 | JAN 11 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 11.93 | 10.64 | 15.81 | 9.90 | 3.91 | 2.15 | 0.82 | 0.69 | 4.55 | 17.36 | 13.18 | 14.21 | 105.15 | |
| | GREATEST 24-HOUR (IN.) | 3.78 | 2.00 | 2.94 | 2.18 | 1.49 | 0.81 | 0.29 | 0.46 | 3.11 | 3.41 | 4.30 | 3.52 | 4.30 | |
| | DATE OF OCCURRENCE | 10-11 | 11-12 | 15-16 | 16-17 | 03-04 | 18-19 | 19 | 12-13 | 25-26 | 21-22 | 03-04 | 08-09 | NOV 03-04 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION 0.01 | 15 | 17 | 25 | 18 | 14 | 11 | 8 | 5 | 12 | 22 | 17 | 20 | 184 | |
| PRECIPITATION 0.10 | 10 | 14 | 17 | 15 | 8 | 4 | 3 | 3 | 6 | 20 | 15 | 17 | 132 | | |
| PRECIPITATION 1.00 | 6 | 4 | 6 | 2 | 1 | 0 | 0 | 0 | 2 | 9 | 3 | 4 | 37 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | | | | | | | | | | | | | | |
| | GREATEST 24-HOUR (IN.) | | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| | MAXIMUM SNOW DEPTH (IN.) | | | | | | | | | | | | | | |
| DATE OF OCCURRENCE | | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | | | | | | | | | | | | | | | |

NORMALS, MEANS, AND EXTREMES QUILLAYUTE (KUIL)

LATITUDE:
47° 56'N

LONGITUDE:
124° 33'W

ELEVATION (FT):
GRND: 185 BARO: 181

TIME ZONE:
PACIFIC (UTC -8)

WBAN: 94240

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 47.1 | 49.1 | 51.4 | 54.8 | 59.5 | 63.1 | 67.4 | 68.6 | 66.2 | 58.2 | 50.3 | 46.0 | 56.8 | |
| | MEAN DAILY MAXIMUM | 48 | 46.7 | 49.3 | 51.4 | 54.9 | 60.0 | 63.7 | 68.0 | 68.9 | 66.9 | 59.0 | 51.1 | 46.5 | 57.2 | |
| | HIGHEST DAILY MAXIMUM | 48 | 78 | 73 | 73 | 84 | 92 | 96 | 97 | 99 | 97 | 83 | 69 | 64 | 99 | |
| | YEAR OF OCCURRENCE | | 2005 | 1992 | 2013 | 2014 | 1987 | 1982 | 1988 | 1981 | 1988 | 1988 | 1976 | 1969 | 1969 | AUG 1981 |
| | MEAN OF EXTREME MAXS. | 48 | 56.0 | 59.8 | 63.4 | 70.7 | 78.5 | 81.1 | 85.6 | 85.4 | 83.0 | 72.6 | 60.1 | 54.9 | 70.9 | |
| | NORMAL DAILY MINIMUM | 30 | 36.0 | 35.2 | 36.8 | 38.6 | 43.1 | 47.5 | 50.5 | 50.5 | 46.9 | 41.8 | 38.1 | 34.7 | 41.6 | |
| | MEAN DAILY MINIMUM | 48 | 34.7 | 34.9 | 36.1 | 37.9 | 42.5 | 47.1 | 50.2 | 50.3 | 46.8 | 41.6 | 37.7 | 34.7 | 41.2 | |
| | LOWEST DAILY MINIMUM | 48 | 0 | 11 | 19 | 23 | 29 | 33 | 38 | 36 | 28 | 23 | 5 | 7 | 0 | |
| | YEAR OF OCCURRENCE | | 1998 | 1989 | 1989 | 1999 | 2011 | 1976 | 2002 | 1985 | 1972 | 2006 | 1985 | 1972 | 1972 | JAN 1998 |
| | MEAN OF EXTREME MINS. | 48 | 21.4 | 22.8 | 26.0 | 29.0 | 33.0 | 38.7 | 41.6 | 41.9 | 36.6 | 30.3 | 25.5 | 21.7 | 30.7 | |
| | NORMAL DRY BULB | 30 | 41.6 | 42.1 | 44.1 | 46.7 | 51.3 | 55.3 | 58.9 | 59.6 | 56.6 | 50.0 | 44.2 | 40.4 | 49.2 | |
| | MEAN DRY BULB | 48 | 40.8 | 42.1 | 43.7 | 46.4 | 51.3 | 55.5 | 59.1 | 59.6 | 56.9 | 50.3 | 44.4 | 40.6 | 49.2 | |
| | MEAN WET BULB | 30 | 39.6 | 39.2 | 41.0 | 43.3 | 47.5 | 51.4 | 54.6 | 55.2 | 52.5 | 47.6 | 42.7 | 38.8 | 46.1 | |
| | MEAN DEW POINT | 30 | 38.9 | 38.0 | 40.0 | 42.1 | 46.3 | 50.2 | 53.5 | 54.1 | 51.6 | 46.9 | 41.9 | 38.2 | 45.1 | |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.8 |
| | MAXIMUM <= 32 | 30 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 1.3 |
| | MINIMUM <= 32 | 30 | 9.3 | 9.9 | 6.4 | 3.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.9 | 5.6 | 10.9 | 48.0 |
| MINIMUM <= 0 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 727 | 640 | 648 | 549 | 426 | 294 | 194 | 175 | 256 | 465 | 624 | 764 | 5762 | |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 0 | 1 | 3 | 7 | 6 | 2 | 0 | 0 | 0 | 19 | |
| RH | NORMAL (PERCENT) | 30 | 89 | 86 | 85 | 82 | 82 | 82 | 82 | 83 | 83 | 88 | 90 | 90 | 85 | |
| | HOURLY 04 LST | 30 | 91 | 91 | 92 | 93 | 94 | 94 | 94 | 95 | 94 | 94 | 93 | 92 | 93 | |
| | HOURLY 10 LST | 30 | 90 | 87 | 82 | 75 | 74 | 75 | 75 | 76 | 76 | 85 | 89 | 91 | 81 | |
| | HOURLY 16 LST | 30 | 83 | 78 | 73 | 68 | 67 | 68 | 66 | 68 | 67 | 75 | 84 | 86 | 74 | |
| | HOURLY 22 LST | 30 | 91 | 90 | 90 | 89 | 89 | 89 | 89 | 91 | 91 | 93 | 92 | 92 | 91 | |
| S | PERCENT POSSIBLE SUNSHINE | 30 | 22 | 30 | 34 | 35 | 37 | 35 | 43 | 44 | 47 | 34 | 21 | 19 | 33 | |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 48 | 4.0 | 3.0 | 3.4 | 2.4 | 2.9 | 2.9 | 4.7 | 8.4 | 7.6 | 7.6 | 3.9 | 3.8 | 54.6 | |
| | THUNDERSTORMS | 48 | 0.4 | 0.2 | 0.3 | 0.3 | 0.1 | 0.1 | 0.3 | 0.2 | 0.4 | 0.8 | 1.0 | 0.6 | 4.7 | |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 30 | 6.6 | 6.4 | 6.3 | 6.5 | 6.2 | 6.2 | 5.3 | 5.3 | 5.0 | 5.8 | 6.6 | 6.3 | 6.0 | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 30 | 6.3 | 6.0 | 6.0 | 6.2 | 6.0 | 6.1 | 5.4 | 5.3 | 4.9 | 5.5 | 6.3 | 6.1 | 5.8 | |
| | MEAN NO. DAYS WITH: CLEAR | 30 | 3.4 | 3.8 | 3.5 | 2.8 | 2.6 | 3.5 | 6.0 | 6.1 | 7.7 | 4.9 | 2.6 | 3.6 | 50.5 | |
| | PARTLY CLOUDY | 30 | 3.1 | 3.6 | 5.9 | 5.7 | 8.0 | 6.8 | 8.3 | 8.7 | 7.7 | 7.1 | 4.9 | 3.8 | 73.6 | |
| | CLOUDY | 30 | 24.5 | 20.9 | 21.6 | 21.5 | 20.4 | 19.7 | 15.7 | 15.2 | 13.8 | 18.2 | 21.6 | 23.6 | 236.7 | |
| PR | MEAN STATION PRESSURE(IN) | 31 | 29.80 | 29.79 | 29.78 | 29.81 | 29.82 | 29.83 | 29.86 | 29.83 | 29.81 | 29.82 | 29.78 | 29.80 | 29.81 | |
| | MEAN SEA-LEVEL PRES. (IN) | 31 | 30.02 | 30.01 | 30.00 | 30.03 | 30.05 | 30.06 | 30.08 | 30.05 | 30.03 | 30.04 | 30.00 | 30.02 | 30.03 | |
| WINDS | MEAN SPEED (MPH) | 31 | 6.2 | 6.2 | 6.3 | 5.9 | 5.4 | 5.1 | 4.8 | 4.4 | 4.2 | 4.9 | 6.0 | 6.1 | 5.5 | |
| | PREVAIL.DIR.(TENS OF DEGS) | 35 | 05 | 07 | 18 | 19 | 26 | 28 | 32 | 25 | 19 | 18 | 07 | 07 | 07 | |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 18 | 37 | 36 | 38 | 37 | 31 | 25 | 28 | 24 | 32 | 31 | 37 | 43 | 43 | |
| | DIR. (TENS OF DEGS) | | 28 | 24 | 23 | 20 | 16 | 27 | 04 | 04 | 24 | 22 | 24 | 29 | 29 | |
| | YEAR OF OCCURRENCE | | 2004 | 2006 | 1999 | 2010 | 2010 | 2008 | 2007 | 2012 | 2013 | 2010 | 1998 | 2006 | 2006 | DEC 2006 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 18 | 61 | 62 | 55 | 54 | 60 | 39 | 37 | 33 | 58 | 60 | 56 | 69 | 69 | |
| | DIR. (TENS OF DEGS) | | 17 | 18 | 17 | 21 | 14 | 28 | 05 | 03 | 14 | 17 | 15 | 30 | 30 | |
| YEAR OF OCCURRENCE | | 2010 | 2006 | 2011 | 2010 | 2010 | 2008 | 2007 | 2010 | 2011 | 2010 | 2007 | 2008 | 2008 | DEC 2008 | |
| PRECIPITATION | NORMAL (IN) | 30 | 14.61 | 10.35 | 10.83 | 7.85 | 5.11 | 3.50 | 1.98 | 2.49 | 3.82 | 10.49 | 15.52 | 12.99 | 99.54 | |
| | MAXIMUM MONTHLY (IN) | 48 | 24.02 | 26.20 | 23.23 | 13.90 | 12.45 | 8.83 | 11.02 | 15.07 | 12.82 | 27.17 | 29.14 | 27.82 | 29.14 | |
| | YEAR OF OCCURRENCE | | 2006 | 1999 | 2007 | 1992 | 1974 | 1997 | 1983 | 1991 | 1997 | 1975 | 1983 | 1979 | 1979 | NOV 1983 |
| | MINIMUM MONTHLY (IN) | 48 | 1.22 | 0.87 | 1.84 | 1.78 | 1.05 | 0.40 | 0.01 | 0.17 | 0.12 | 1.37 | 4.41 | 3.63 | 0.01 | |
| | YEAR OF OCCURRENCE | | 1985 | 1993 | 1992 | 2004 | 1972 | 1967 | 2013 | 1998 | 1991 | 1987 | 1976 | 1985 | 1985 | JUL 2013 |
| | MAXIMUM IN 24 HOURS (IN) | 48 | 8.32 | 5.07 | 5.87 | 2.77 | 3.54 | 3.25 | 6.45 | 4.70 | 4.13 | 5.54 | 6.27 | 6.76 | 8.32 | |
| | YEAR OF OCCURRENCE | | 1968 | 1982 | 2013 | 1968 | 1973 | 1997 | 1972 | 1991 | 1968 | 1975 | 2003 | 1972 | 1972 | JAN 1968 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 22.8 | 18.4 | 21.9 | 19.0 | 16.7 | 14.4 | 10.3 | 8.9 | 10.9 | 18.1 | 22.8 | 22.1 | 206.3 | |
| PRECIPITATION >= 1.00 | 30 | 4.9 | 3.1 | 3.0 | 1.9 | 0.9 | 0.6 | 0.4 | 0.6 | 1.0 | 3.5 | 5.0 | 4.2 | 29.1 | | |
| SNOWFALL | NORMAL (IN) | 30 | 2.0 | 2.6 | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 2.1 | 8.9 | |
| | MAXIMUM MONTHLY (IN) | 30 | 40.1 | 16.1 | 10.2 | 2.8 | T | T | T | T | T | T | 15.6 | 11.6 | 40.1 | |
| | YEAR OF OCCURRENCE | | 1969 | 1990 | 1971 | 1975 | 1994 | 1988 | | | 1972 | 1996 | 1985 | 1972 | 1972 | JAN 1969 |
| | MAXIMUM IN 24 HOURS (IN) | 30 | 8.2 | 8.4 | 7.5 | 2.4 | T | T | 0.0 | 0.0 | T | T | 7.7 | 7.3 | 8.4 | |
| | YEAR OF OCCURRENCE | | 1969 | 1971 | 1989 | 1975 | 1994 | 1988 | | | 1972 | 1995 | 1985 | 1981 | 1981 | FEB 1971 |
| | MAXIMUM SNOW DEPTH (IN) | 29 | 17 | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 17 | |
| | YEAR OF OCCURRENCE | | 1969 | 1969 | 1989 | | | | | | | | 1985 | 1972 | 1972 | JAN 1969 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 0.8 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.6 | 3.0 | | |

PRECIPITATION (inches) 2014 QUILLAYUTE (KUIL)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|--------|
| 1985 | 1.22 | 6.90 | 9.33 | 6.19 | 1.86 | 2.43 | 0.36 | 1.09 | 4.75 | 14.69 | 7.79 | 3.63 | 60.24 |
| 1986 | 16.11 | 12.74 | 13.09 | 6.79 | 11.02 | 1.48 | 3.45 | 0.30 | 3.68 | 5.36 | 13.29 | 12.42 | 99.73 |
| 1987 | 14.05 | 8.20 | 13.37 | 6.95 | 8.52 | 1.74 | 1.39 | 0.55 | 1.75 | 1.37 | 11.34 | 11.71 | 80.94 |
| 1988 | 9.39 | 8.45 | 12.83 | 10.87 | 10.68 | 2.28 | 1.80 | 1.30 | 5.73 | 8.07 | 15.51 | 12.12 | 99.03 |
| 1989 | 15.65 | 6.22 | 10.03 | 5.57 | 3.31 | 4.52 | 2.36 | 1.99 | 0.13 | 9.80 | 16.57 | 8.82 | 84.97 |
| 1990 | 17.09 | 15.85 | 8.68 | 5.51 | 4.59 | 6.47 | 0.95 | 2.30 | 0.38 | 15.85 | 22.59 | 16.79 | 117.05 |
| 1991 | 12.88 | 16.45 | 6.89 | 7.88 | 4.31 | 2.27 | 1.28 | 15.07 | 0.12 | 2.66 | 18.49 | 10.71 | 99.01 |
| 1992 | 23.99 | 7.19 | 1.84 | 13.90 | 1.27 | 1.72 | 0.43 | 1.85 | 5.34 | 11.19 | 11.86 | 9.79 | 90.37 |
| 1993 | 7.88 | 0.87 | 10.96 | 12.25 | 6.83 | 3.67 | 0.98 | 1.25 | 0.23 | 5.46 | 6.62 | 12.85 | 69.85 |
| 1994 | 9.87 | 17.97 | 9.74 | 6.50 | 4.42 | 4.00 | 1.70 | 0.96 | 4.19 | 9.58 | 14.88 | 20.00 | 103.81 |
| 1995 | 14.14 | 10.96 | 9.90 | 5.98 | 1.21 | 3.31 | 2.45 | 6.27 | 1.72 | 13.99 | 20.64 | 13.97 | 104.54 |
| 1996 | 15.56 | 10.23 | 5.17 | 13.33 | 3.27 | 2.20 | .75 | 1.24 | 3.16 | 14.54 | 13.23 | 14.64 | 97.32 |
| 1997 | 19.48 | 8.23 | 20.32 | 9.99 | 7.07 | 8.83 | 0.77 | 3.73 | 12.82 | 14.70 | 9.49 | 13.45 | 128.88 |
| 1998 | 19.19 | 11.73 | 6.82 | 3.15 | 3.54 | 1.26 | 2.07 | 0.17 | 0.50 | 8.20 | 26.11 | 21.77 | 104.51 |
| 1999 | 15.03 | 26.20 | 14.29 | 3.90 | 5.89 | 4.33 | 1.81 | 0.56 | 1.78 | 14.43 | 21.53 | 21.61 | 131.36 |
| 2000 | 12.44 | 8.34 | 9.76 | 7.04 | 9.32 | 5.69 | 2.80 | 1.21 | 5.44 | 8.62 | 5.60 | 6.72 | 82.98 |
| 2001 | 11.16 | 3.50 | 7.27 | 9.73 | 6.99 | 3.69 | 1.28 | 7.36 | 3.74 | 13.07 | 12.45 | 15.84 | 96.08 |
| 2002 | 15.32 | 13.09 | 9.50 | 8.31 | 4.57 | 4.29 | 0.89 | 0.45 | 2.88 | 2.10 | 14.49 | 14.69 | 90.58 |
| 2003 | 14.47 | 4.43 | 16.26 | 10.13 | 2.83 | 1.24 | 1.68 | 0.28 | 3.14 | 18.86 | 17.51 | 13.61 | 104.44 |
| 2004 | 13.56 | 6.57 | 10.10 | 1.78 | 4.12 | 3.72 | 1.30 | 5.01 | 6.21 | 11.45 | 13.06 | 12.13 | 89.01 |
| 2005 | 16.84 | 3.42 | 11.31 | 9.75 | 5.87 | 2.35 | 4.69 | 0.92 | 4.35 | 13.90 | 10.94 | 9.28 | 93.62 |
| 2006 | 24.02 | 6.37 | 12.74 | 5.93 | 3.14 | 3.01 | 0.97 | 0.24 | 3.32 | 2.85 | 24.47 | 8.77 | 95.83 |
| 2007 | 17.40 | 12.54 | 23.23 | 8.96 | 3.04 | 4.57 | 4.38 | 1.30 | 4.39 | 12.74 | 9.89 | 17.36 | 119.80 |
| 2008 | 12.02 | 7.92 | 8.58 | 4.40 | 2.33 | 2.70 | 2.69 | 5.73 | 1.67 | 8.28 | 17.83 | 11.18 | 85.33 |
| 2009 | 11.16 | 3.22 | 9.36 | 4.94 | 4.32 | 1.02 | 1.04 | 1.54 | 5.77 | 12.27 | 26.55 | 6.91 | 88.10 |
| 2010 | 22.54 | 7.18 | 9.79 | 10.11 | 8.12 | 4.30 | 0.35 | 2.90 | 8.85 | 12.28 | 12.33 | 19.02 | 117.77 |
| 2011 | 17.58 | 10.47 | 17.95 | 7.84 | 5.56 | 1.87 | 2.28 | 3.27 | 7.68 | 10.39 | 14.54 | 7.90 | 107.33 |
| 2012 | 15.59 | 11.40 | 21.00 | 10.29 | 4.26 | 7.00 | 1.93 | 0.52 | 0.57 | 15.60 | 13.84 | 17.53 | 119.53 |
| 2013 | 10.30 | 11.76 | 15.99 | 10.93 | 6.87 | 2.90 | 0.01 | 3.01 | 9.59 | 3.15 | 7.92 | 6.16 | 88.59 |
| 2014 | 11.93 | 10.64 | 15.81 | 9.90 | 3.91 | 2.15 | 0.82 | 0.69 | 4.55 | 17.36 | 13.18 | 14.21 | 105.15 |
| POR= 48 YRS | 14.46 | 10.98 | 11.73 | 7.82 | 5.13 | 3.29 | 2.11 | 2.53 | 4.67 | 10.56 | 14.52 | 14.24 | 102.04 |

WBAN : 94240

AVERAGE TEMPERATURE (°F) 2014 QUILLAYUTE (KUIL)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1985 | 38.9 | 39.4 | 40.4 | 45.9 | 51.7 | 54.9 | 60.3 | 58.6 | 54.9 | 48.7 | 35.0 | 38.3 | 47.3 |
| 1986 | 44.6 | 40.3 | 47.3 | 44.8 | 51.3 | 57.4 | 56.8 | 60.7 | 55.1 | 52.4 | 44.6 | 42.8 | 49.8 |
| 1987 | 41.8 | 44.4 | 46.0 | 49.1 | 52.7 | 55.3 | 58.4 | 59.5 | 57.7 | 52.6 | 47.8 | 39.2 | 50.4 |
| 1988 | 39.7 | 45.0 | 44.3 | 47.7 | 51.4 | 54.4 | 59.5 | 59.9 | 55.4 | 53.0 | 44.8 | 41.9 | 49.8 |
| 1989 | 39.6 | 35.0 | 41.9 | 50.4 | 51.6 | 57.4 | 58.6 | 59.4 | 59.3 | 51.1 | 45.9 | 43.6 | 49.5 |
| 1990 | 42.5 | 39.8 | 45.1 | 48.9 | 51.4 | 55.9 | 61.4 | 61.5 | 59.9 | 48.3 | 45.3 | 36.3 | 49.7 |
| 1991 | 39.5 | 46.4 | 41.8 | 46.0 | 50.3 | 53.9 | 59.2 | 58.6 | 60.1 | 49.3 | 45.6 | 43.6 | 49.5 |
| 1992 | 44.1 | 46.5 | 48.5 | 49.0 | 54.3 | 58.4 | 60.7 | 60.7 | 54.8 | 51.1 | 44.8 | 38.1 | 50.9 |
| 1993 | 36.8 | 40.9 | 45.4 | 48.1 | 55.5 | 56.8 | 57.8 | 60.9 | 55.6 | 52.7 | 41.6 | 41.6 | 49.5 |
| 1994 | 44.9 | 40.0 | 45.5 | 48.9 | 52.7 | 54.9 | 59.3 | 60.8 | 58.9 | 48.9 | 41.2 | 40.9 | 49.7 |
| 1995 | 44.1 | 45.1 | 45.0 | 47.3 | 53.8 | 57.4 | 61.1 | 58.0 | 60.1 | 50.6 | 47.4 | 43.1 | 51.1 |
| 1996 | 39.8 | 42.7 | 45.0 | 48.8 | 50.0 | 54.6 | 60.4 | 60.9 | 54.5 | 49.5 | 43.6 | 37.8 | 49.0 |
| 1997 | 41.1 | 41.5 | 42.9 | 46.1 | 53.8 | 55.3 | 58.8 | 60.5 | 59.4 | 50.8 | 47.7 | 42.8 | 50.1 |
| 1998 | 44.7 | 45.2 | 46.5 | 52.4 | 55.1 | 60.4 | 59.8 | 56.0 | 51.4 | 45.9 | 39.6 | 39.6 | 48.0 |
| 1999 | 41.2 | 41.2 | 41.7 | 43.6 | 48.3 | 53.4 | 56.7 | 59.2 | 54.6 | 47.7 | 46.3 | 42.6 | 48.0 |
| 2000 | 38.9 | 42.2 | 43.4 | 48.2 | 50.2 | 55.5 | 59.4 | 58.8 | 56.5 | 49.1 | 41.7 | 40.4 | 48.7 |
| 2001 | 41.7 | 38.9 | 43.0 | 44.8 | 49.6 | 52.3 | 56.3 | 58.4 | 55.3 | 49.0 | 45.8 | 40.7 | 48.0 |
| 2002 | 40.7 | 41.5 | 40.6 | 45.3 | 48.6 | 55.7 | 58.9 | 58.7 | 55.5 | 49.4 | 47.9 | 42.7 | 48.8 |
| 2003 | 46.5 | 41.4 | 44.7 | 45.8 | 49.8 | 57.5 | 59.7 | 58.9 | 57.5 | 52.3 | 42.3 | 41.1 | 49.8 |
| 2004 | 42.0 | 43.5 | 45.7 | 49.1 | 52.0 | 57.1 | 61.1 | 62.6 | 56.1 | 50.7 | 45.0 | 42.8 | 50.6 |
| 2005 | 42.4 | 42.3 | 46.6 | 47.6 | 55.1 | 55.9 | 59.3 | 60.2 | 55.0 | 51.8 | 42.8 | 42.3 | 50.1 |
| 2006 | 44.6 | 41.5 | 42.7 | 47.1 | 51.9 | 56.9 | 59.8 | 57.5 | 56.2 | 49.1 | 43.1 | 41.1 | 49.3 |
| 2007 | 38.9 | 42.7 | 44.8 | 46.7 | 50.4 | 54.5 | 61.3 | 59.9 | 56.0 | 49.2 | 43.0 | 40.1 | 49.0 |
| 2008 | 38.0 | 42.3 | 41.5 | 43.1 | 51.3 | 52.7 | 56.7 | 59.1 | 56.4 | 49.2 | 47.8 | 37.0 | 47.9 |
| 2009 | 40.2 | 40.3 | 40.3 | 45.4 | 50.0 | 56.8 | 60.2 | 59.5 | 58.1 | 49.8 | 45.3 | 38.6 | 48.7 |
| 2010 | 46.4 | 45.7 | 45.1 | 46.7 | 48.8 | 54.2 | 57.8 | 58.4 | 57.7 | 51.4 | 42.7 | 42.2 | 49.8 |
| 2011 | 41.4 | 38.0 | 43.2 | 42.7 | 48.0 | 54.5 | 57.3 | 59.2 | 58.5 | 50.1 | 42.1 | 39.7 | 47.9 |
| 2012 | 40.2 | 43.5 | 41.9 | 47.8 | 50.4 | 52.9 | 58.0 | 61.3 | 56.1 | 50.8 | 46.1 | 41.1 | 49.2 |
| 2013 | 39.6 | 43.9 | 45.9 | 48.8 | 54.7 | 58.9 | 61.3 | 63.1 | 61.3 | 52.2 | 47.6 | 40.3 | 51.5 |
| 2014 | 45.3 | 42.0 | 45.8 | 48.2 | 54.5 | 56.4 | 60.5 | 61.4 | 60.3 | 56.3 | 45.2 | 44.5 | 51.7 |
| POR= 48 YRS | 40.8 | 42.1 | 43.7 | 46.4 | 51.3 | 55.5 | 59.1 | 59.6 | 56.9 | 50.3 | 44.4 | 40.6 | 49.2 |

HEATING DEGREE DAYS (base 65°F) 2014 QUILLAYUTE (KUIL)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1985-86 | 145 | 190 | 296 | 498 | 894 | 820 | 622 | 685 | 542 | 599 | 422 | 223 | 5936 |
| 1986-87 | 248 | 134 | 290 | 384 | 608 | 682 | 712 | 572 | 582 | 471 | 380 | 285 | 5348 |
| 1987-88 | 197 | 177 | 217 | 381 | 510 | 791 | 777 | 574 | 632 | 512 | 417 | 311 | 5496 |
| 1988-89 | 183 | 155 | 293 | 366 | 599 | 710 | 783 | 830 | 709 | 434 | 407 | 245 | 5714 |
| 1989-90 | 194 | 168 | 173 | 426 | 566 | 659 | 689 | 698 | 610 | 477 | 415 | 273 | 5348 |
| 1990-91 | 118 | 114 | 156 | 510 | 584 | 883 | 782 | 515 | 710 | 563 | 447 | 326 | 5708 |
| 1991-92 | 185 | 189 | 159 | 481 | 575 | 657 | 644 | 531 | 505 | 476 | 325 | 199 | 4926 |
| 1992-93 | 132 | 152 | 299 | 424 | 602 | 825 | 868 | 667 | 598 | 500 | 288 | 239 | 5594 |
| 1993-94 | 215 | 145 | 275 | 379 | 695 | 719 | 617 | 695 | 601 | 478 | 373 | 294 | 5486 |
| 1994-95 | 176 | 125 | 177 | 494 | 707 | 739 | 639 | 548 | 614 | 524 | 339 | 247 | 5329 |
| 1995-96 | 135 | 210 | 142 | 440 | 524 | 670 | 772 | 644 | 612 | 481 | 462 | 309 | 5401 |
| 1996-97 | 159 | 128 | 309 | 474 | 636 | 837 | 736 | 652 | 679 | 561 | 343 | 284 | 5798 |
| 1997-98 | 186 | 134 | 161 | 432 | 511 | 679 | | 563 | 608 | 549 | 385 | 288 | |
| 1998-99 | 148 | 169 | 266 | 413 | 567 | 777 | 728 | 660 | 715 | 637 | 513 | 343 | 5936 |
| 1999-00 | 254 | 174 | 307 | 530 | 556 | 687 | 803 | 654 | 664 | 499 | 452 | 281 | 5861 |
| 2000-01 | 170 | 184 | 251 | 482 | 693 | 754 | 715 | 724 | 676 | 601 | 470 | 376 | 6096 |
| 2001-02 | 263 | 197 | 283 | 489 | 572 | 743 | 745 | 648 | 751 | 580 | 504 | 277 | 6052 |
| 2002-03 | 184 | 202 | 280 | 479 | 508 | 684 | 568 | 656 | 621 | 566 | 464 | 229 | 5441 |
| 2003-04 | 162 | 185 | 222 | 388 | 675 | 734 | 706 | 619 | 592 | 469 | 398 | 237 | 5387 |
| 2004-05 | 132 | 83 | 259 | 439 | 592 | 684 | 694 | 629 | 560 | 513 | 310 | 265 | 5160 |
| 2005-06 | 168 | 143 | 294 | 404 | 658 | 695 | 624 | 654 | 686 | 531 | 403 | 251 | 5511 |
| 2006-07 | 182 | 222 | 258 | 485 | 649 | 738 | 801 | 617 | 621 | 540 | 446 | 309 | 5868 |
| 2007-08 | 127 | 152 | 261 | 487 | 655 | 764 | 831 | 653 | 724 | 651 | 424 | 366 | 6095 |
| 2008-09 | 249 | 183 | 254 | 482 | 510 | 861 | 762 | 685 | 761 | 582 | 458 | 246 | 6033 |
| 2009-10 | 158 | 165 | 210 | 466 | 583 | 809 | 570 | 535 | 608 | 542 | 495 | 318 | 5459 |
| 2010-11 | 227 | 211 | 212 | 417 | 662 | 701 | 727 | 751 | 671 | 662 | 520 | 311 | 6072 |
| 2011-12 | 231 | 174 | 191 | 457 | 681 | 774 | 764 | 619 | 713 | 511 | 447 | 357 | 5919 |
| 2012-13 | 209 | 132 | 264 | 433 | 557 | 733 | 780 | 585 | 583 | 480 | 313 | 180 | 5249 |
| 2013-14 | 113 | 59 | 119 | 388 | 517 | 757 | 605 | 636 | 586 | 502 | 321 | 249 | 4852 |
| 2014- | 136 | 114 | 139 | 260 | 585 | 625 | | | | | | | |

WBAN : 94240

COOLING DEGREE DAYS (base 65°F) 2014 QUILLAYUTE (KUIL)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1985 | 0 | 0 | 0 | 0 | 1 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 14 |
| 1986 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 12 |
| 1987 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 12 | 2 | 0 | 0 | 0 | 18 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 4 | 13 | 0 | 0 | 0 | 36 |
| 1989 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 9 | 0 | 0 | 0 | 33 |
| 1990 | 0 | 0 | 0 | 0 | 0 | 7 | 16 | 10 | 11 | 0 | 0 | 0 | 44 |
| 1991 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 20 | 0 | 0 | 0 | 31 |
| 1992 | 0 | 0 | 0 | 0 | 2 | 9 | 6 | 25 | 0 | 0 | 0 | 0 | 42 |
| 1993 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 25 | 0 | 0 | 0 | 0 | 28 |
| 1994 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 3 | 0 | 0 | 0 | 10 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 27 | 19 | 0 | 0 | 0 | 0 | 0 | 46 |
| 1996 | 0 | 0 | 0 | 0 | 0 | 3 | 20 | 8 | 0 | 0 | 0 | 0 | 31 |
| 1997 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 |
| 1998 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 13 | 0 | 0 | 0 | 0 | 0 |
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 8 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 13 | 0 | 0 | 0 | 0 | 21 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 11 | 5 | 0 | 3 | 0 | 0 | 0 | 19 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 7 | 21 | 16 | 0 | 0 | 0 | 0 | 44 |
| 2005 | 0 | 0 | 0 | 0 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2006 | 0 | 0 | 0 | 0 | 1 | 12 | 28 | 0 | 4 | 0 | 0 | 0 | 45 |
| 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 1 | 0 | 0 | 0 | 0 | 23 |
| 2008 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 8 | 2 | 0 | 0 | 0 | 19 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 8 | 18 | 4 | 12 | 0 | 0 | 0 | 42 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 14 | 0 | 0 | 0 | 0 | 24 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 4 | 0 | 0 | 0 | 28 |
| 2013 | 0 | 0 | 0 | 0 | 3 | 7 | 6 | 9 | 14 | 0 | 0 | 0 | 39 |
| 2014 | 0 | 0 | 0 | 2 | 2 | 0 | 6 | 8 | 7 | 0 | 0 | 0 | 25 |

SNOWFALL (inches) 2014 QUILLAYUTE (KUIL)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-------|
| 1976-77 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | T | 0.0 | T |
| 1977-78 | 0.0 | 0.0 | 0.0 | 0.0 | T | 4.5 | 1.4 | T | T | T | 0.0 | 0.0 | 5.9 |
| 1978-79 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.6 | T | 0.5 | T | 0.0 | 0.0 | 0.0 | 2.1 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.0 | T | 2.1 | T | T | 0.0 | 13.1 |
| 1980-81 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5 | 0.0 | T | T | 0.6 | 0.0 | 0.0 | 8.1 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | T | 8.3 | 13.1 | 7.2 | 0.6 | 0.8 | T | 0.0 | 30.0 |
| 1982-83 | 0.0 | 0.0 | 0.0 | T | T | T | T | T | T | T | T | 0.0 | T |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.9 | 0.0 | T | T | T | T | 0.0 | 0.9 |
| 1984-85 | 0.0 | 0.0 | 0.0 | T | T | 6.7 | 0.0 | 4.7 | 0.4 | T | T | 0.0 | 11.8 |
| 1985-86 | 0.0 | 0.0 | 0.0 | T | 15.6 | T | T | 3.4 | T | T | T | 0.0 | 19.0 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.1 | 0.9 | 0.3 | 0.1 | 0.0 | 0.0 | 1.4 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.9 | T | T | T | T | T | T | 0.9 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | T | 3.2 | 0.3 | 7.5 | T | 0.0 | 0.0 | 12.1 |
| 1989-90 | 0.0 | 0.0 | 0.0 | T | T | T | 5.2 | 16.1 | 0.1 | T | T | 0.0 | 21.4 |
| 1990-91 | 0.0 | 0.0 | 0.0 | T | 1.5 | 5.1 | T | 0.0 | 0.7 | T | T | 0.0 | 7.3 |
| 1991-92 | 0.0 | 0.0 | 0.0 | T | T | T | 0.0 | T | 0.0 | 0.2 | T | 0.0 | 0.2 |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.8 | 0.3 | 2.1 | T | T | 0.0 | 0.0 | 9.2 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 1.1 | 2.1 | 0.0 | T | 0.0 | 3.2 |
| 1994-95 | 0.0 | 0.0 | 0.0 | T | T | 2.4 | 0.0 | 5.4 | T | T | 0.0 | 0.0 | 7.8 |
| 1995-96 | 0.0 | 0.0 | 0.0 | T | T | T | 10.3 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 10.9 |
| 1996-97 | 0.0 | 0.0 | 0.0 | T | 4.2 | | | | | | | | |
| 1997-98 | | | | | | | | | | | | | |
| 1998-99 | | | | | | | | | | | | | |
| 1999-00 | | | | | | | | | | | | | |
| 2000-01 | | | | | | | | | | | | | |
| 2001-02 | | | | | | | | | | | | | |
| 2002-03 | | | | | | | | | | | | | |
| 2003-04 | | | | | | | | | | | | | |
| 2004-05 | | | | | | | | | | | | | |
| 2005- | | | | | | | | | | | | | |
| POR= 30 YRS | 0.0 | 0.0 | 0.0 | T | 1.0 | 2.7 | 4.8 | 2.8 | 1.5 | 0.3 | T | T | 13.1 |

WBAN : 94240

REFERENCE NOTES :

| | |
|---|---|
| <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

QUILLAYUTE AIRPORT WASHINGTON (KUIL)

Quillayute Airport, located on the coastal plain between the Pacific Ocean and the Olympic Mountains, is 3 miles inland from the coast, and 10 miles west of the city of Forks. The terrain is slightly rolling with a gradual increase in elevation from sea level to 180 feet at the station, to 350 feet in the vicinity of Forks. Foothills of the Olympic Mountains begin near the eastern edge of Forks, and within 10 to 15 miles, the higher ridges reach elevations of 3,000 to 6,000 feet.

Timber is the primary economic product of this northwestern section of the Olympic Peninsula. Only small areas of the Quillayute plains and a few other localities are devoted to cattle raising and agriculture. Logging operations continue throughout the year in the lower elevations with little delay due to normal rain or snow. In the foothills and mountains, heavy snowfall, excessive precipitation, and high winds during the winter season result in shutdowns, but seldom for more than one or two days. Forests are closed to logging and recreation for short periods of time almost every summer when the relative humidity is low and the fire danger is high.

Maritime air from over the Pacific has an influence on the climate throughout the year. In the late fall and winter, the low pressure center in the Gulf of Alaska intensifies and is of major importance in controlling weather systems entering the Pacific Northwest. At this season of the year, storm systems crossing the Pacific follow a more southerly path striking the coast at frequent intervals. The prevailing flow of air is from the southwest and west. Air reaching this area is moist and near the temperature of the ocean water along the coast which ranges from 45 degrees in February to 57 degrees in August. The wet season begins in September or October. From October through January, rain may be expected on about 26 days per month, from February through March, on 20 days, from April to June, on 15 days, and from July to September, on 10 days. As the weather systems move inland, rainfall is usually of moderate intensity and continuous, rather than heavy downpours for brief periods. Gale force winds are not unusual. Most of the winter precipitation over the coastal plains falls as rain, however, snow can be expected each year. Snow seldom reaches depths in excess of 10 inches or remains on the ground longer than two weeks.

Annual precipitation increases from approximately 90 inches near the coast, to amounts in excess of 120 inches over the coastal plains, to 200 inches or more on the wettest slopes of the Olympic Mountains.

During the rainy season, temperatures show little diurnal or day-to-day change. Maximums are in the 40s and minimums in the mid-30s. A few brief outbreaks of cold air from the interior of Canada can be expected each winter. Clear, dry, cold weather generally prevails during periods of easterly winds.

In the late spring and summer, a clockwise circulation of air around the large high pressure center over the north Pacific brings a prevailing northwesterly and westerly flow of cool, comparatively dry, stable air into the northwest Olympic Peninsula. The dry season begins in May with the driest period between mid-July and mid-August. The total rainfall for July is less than .5 inch in one summer out of ten. It also exceeds 5 inches in one summer out of ten. During the warmest months, afternoon temperatures are in the upper 60s and lower 70s, reaching the upper 70s and the lower 80s on a few days. Occasionally, hot, dry air from the east of the Cascade Mountains reaches this area and temperatures are in the mid- or upper-90s for one to three days.

In summer and early fall, fog or low clouds form over the ocean and frequently move inland at night, but generally disappear by midday. In winter, under the influence of a surface high pressure system, centered off the coast, fog, low clouds, and drizzle are a daily occurrence as long as this type of pressure continues.

Station History

QUILLAYUTE, WA

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|--------------------------|------------|------------|----------|-----------|----------------|------------|---------------|
| QUILLAYUTE AIRPORT | 1981-12-31 | 1982-01-01 | 47° 57' | -124° 33' | 180 | | COOP |
| QUILLAYUTE STATE AIRPORT | 1996-12-01 | 2002-03-15 | 47° 56' | -124° 33' | 179 | | ASOS, COOP |
| QUILLAYUTE AIRPORT | 1982-01-01 | 1996-12-01 | 47° 57' | -124° 33' | 179 | | COOP |
| QUILLAYUTE AIRPORT | 1966-08-01 | 1969-01-01 | 47° 57' | -124° 33' | 180 | | AIRWAYS, COOP |
| QUILLAYUTE AIRPORT | 1969-01-01 | 1981-12-31 | 47° 57' | -124° 33' | 180 | | COOP, WXSVC |
| QUILLAYUTE STATE AIRPORT | 2002-03-15 | Present | 47° 56' | -124° 33' | 185 | | ASOS, COOP |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP | 1966-08-01 | 1982-01-01 | DAILY | 2400 | | | |
| PRECIP | 2011-03-07 | Present | DAILY | 2400 | PCPNX | | |
| PRECIP | 1999-12-01 | 2002-03-15 | DAILY | 2400 | TB | RCRD | |
| WIND | 2002-03-15 | 2006-05-25 | HOURLY | UNKN | ANEMCUP | | |
| TEMP | 2011-03-07 | Present | DAILY | 2400 | ATEMP | | |
| TEMP | 1982-01-01 | 1996-12-01 | DAILY | 2400 | | | |
| WIND | 1999-12-01 | 2002-03-15 | HOURLY | UNKN | ANEMCUP | | |
| PRECIP | 2002-03-15 | 2006-05-25 | HOURLY | 2400 | AHTB | RCRD;HTD | |
| TEMP | 2006-05-25 | 2011-03-07 | DAILY | 2400 | ATEMP | | |
| TEMP | 2002-03-15 | 2006-05-25 | DAILY | 2400 | ATEMP | | |
| TEMP | 1966-08-01 | 1982-01-01 | DAILY | 2400 | | | |
| PRECIP | 1996-12-01 | 1999-12-01 | DAILY | 2400 | | | |
| PRECIP | 2002-03-15 | 2006-05-25 | DAILY | 2400 | PCPNX | | |
| WIND | 2006-05-25 | 2011-03-07 | HOURLY | UNKN | ANEMSONIC | | |
| PRECIP | 2011-03-07 | Present | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| PRECIP | 1982-01-01 | 1996-12-01 | DAILY | 2400 | | | |
| PRECIP | 1982-01-01 | 1996-12-01 | HOURLY | 2400 | UNIV | RCRD | |
| TEMP | 1999-12-01 | 2002-03-15 | DAILY | 2400 | HYGR | | |
| PRECIP | 2006-05-25 | 2011-03-07 | DAILY | 2400 | PCPNX | | |
| PRECIP | 2006-05-25 | 2011-03-07 | HOURLY | 2400 | AHTB | RCRD;HTD | |
| WIND | 1996-12-01 | 1999-12-01 | HOURLY | UNKN | ANEMCUP | | |
| TEMP | 1996-12-01 | 1999-12-01 | DAILY | 2400 | | | |
| PRECIP | 1996-12-01 | 1999-12-01 | HOURLY | 2400 | UNIV | RCRD | |
| PRECIP | 1999-12-01 | 2002-03-15 | HOURLY | 2400 | TB | RCRD | |
| WIND | 2011-03-07 | Present | HOURLY | UNKN | ANEMSONIC | | |

* 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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NOAA/National Climatic Data Center

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