WS FORM F-6
(COMPUTER GENERATED)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: **WALLA WALLA, WASHINGTON**

# PRELIMINARY LOCAL CLIMATOLOGICAL DATA

MONTH: **NOVEMBER** YEAR: **1999**

LATITUDE 46D06'N | LONGITUDE 118D17'W | GROUND ELEVATION (H) 1205 | STANDARD TIME PACIFIC

| DAY | TEMPERATURE (DEGREES F) MAXIMUM | MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | DEGREE DAYS (BASE 65) HEATING | COOLING | PRECIPITATION (IN.) TOTAL (WATER EQUIVALENT) | SNOWFALL, ICE PELLETS | SNOW, ICE PELLETS OR ICE ON GROUND AT 12 UTC | WIND AVERAGE SPEED (MPH) | PEAK WIND SPEED (MPH) | PEAK WIND DIRECTION | FASTEST 2-MIN SPEED (MPH) | FASTEST 2-MIN DIRECTION | SKY COVER SUNRISE TO SUNSET TENTHS | WEATHER OCCURRENCES | | | PRESSURE HIGHEST | PRESSURE LOWEST |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6a | 6b | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | 48 | 31 | 40 | -9 | 25 | 0 | 0.00 | 0.0 | 0 | 4.6 | 11 | 200 | 10 | 80 | M | 8 | | | 1038.4 | 1026.0 |
| 2 | 51 | 30 | 41 | -8 | 24 | 0 | 0.00 | 0.0 | 0 | 4.4 | 9 | 140 | 9 | 130 | M | 8 | | | 1026.3 | 1022.1 |
| 3 | 55 | 32 | 44 | -4 | 21 | 0 | T | 0.0 | 0 | 5.1 | 20 | 200 | 15 | 180 | M | 1,8 | | | 1022.3 | 1012.3 |
| 4 | 55 | 32 | 44 | -4 | 21 | 0 | T | 0.0 | 0 | 7.5 | 25 | 220 | 20 | 210 | M | | | | 1015.1 | 1023.1 |
| 5 | 47 | 31 | 39 | -8 | 26 | 0 | 0.24 | 0.0 | 0 | 3.7 | 14 | 210 | 11 | 210 | M | 1 | | | 1018.7 | 1015.9 |
| 6 | 42 | 38 | 40 | -6 | 25 | 0 | 0.08 | 0.0 | 0 | 1.6 | 11 | 70 | 10 | 70 | M | 1,2 | | | 1019.0 | 1014.0 |
| 7 | 43 | 39 | 41 | -5 | 24 | 0 | 0.00 | 0.0 | 0 | 1.8 | 7 | 80 | 6 | 80 | M | 1,2,8 | | | 1013.8 | 1004.4 |
| 8 | 53 | 40 | 47 | 2 | 18 | 0 | 0.10 | 0.0 | 0 | 6.2 | 17 | 180 | 15 | 180 | M | 1,2,8 | | | 1016.9 | 1003.3 |
| 9 | 62 | 41 | 52 | 7 | 13 | 0 | T | 0.0 | 0 | 10.1 | 32 | 160 | 25 | 160 | M | | | | 1016.3 | 1008.9 |
| 10 | 63 | 48 | 56 | 12 | 9 | 0 | T | 0.0 | 0 | 9.9 | 25 | 220 | 21 | 210 | M | | | | 1015.9 | 1008.4 |
| 11 | 73 | 48 | 61 | 17 | 4 | 0 | T | 0.0 | 0 | 13.6 | 34 | 140 | 28 | 150 | M | | | | 1015.8 | 1012.6 |
| 12 | 81 | 62 | 72 | 28 | 0 | 7 | 0.01 | 0.0 | 0 | 11.9 | 33 | 180 | 25 | 210 | M | | | | 1018.2 | 1013.1 |
| 13 | 75 | 50 | 63 | 19 | 2 | 0 | 0.00 | 0.0 | 0 | 5.3 | 11 | 100 | 11 | 110 | M | 8 | | | 1020.5 | 1017.4 |
| 14 | 63 | 44 | 54 | 11 | 11 | 0 | 0.00 | 0.0 | 0 | 4.7 | 15 | 170 | 13 | 180 | M | 1,2,8 | | | 1020.5 | 1017.2 |
| 15 | 55 | 43 | 49 | 6 | 16 | 0 | 0.01 | 0.0 | 0 | 5.9 | 14 | 200 | 13 | 200 | M | 1,2,8 | | | 1017.2 | 1013.8 |
| 16 | 57 | 39 | 48 | 6 | 17 | 0 | T | 0.0 | 0 | 6.4 | 17 | 240 | 14 | 230 | M | 1,2 | | | 1015.6 | 1006.1 |
| 17 | 52 | 40 | 46 | 4 | 19 | 0 | 0.33 | 0.0 | 0 | 12.2 | 23 | 260 | 18 | 240 | M | 1 | | | 1019.7 | 1007.8 |
| 18 | 56 | 32 | 44 | 2 | 21 | 0 | 0.00 | 0.0 | 0 | 4.3 | 13 | 170 | 10 | 100 | M | 8 | | | 1021.8 | 1017.1 |
| 19 | 58 | 36 | 47 | 5 | 18 | 0 | 0.11 | 0.0 | 0 | 8.5 | 34 | 180 | 28 | 150 | M | 1 | | | 1016.0 | 1006.9 |
| 20 | 52 | 32 | 42 | 1 | 23 | 0 | T | 0.0 | 0 | 12.4 | 32 | 220 | 26 | 220 | M | | | | 1019.0 | 1010.1 |
| 21 | 47 | 35 | 41 | 0 | 24 | 0 | 0.13 | 0.0 | 0 | 10.9 | 26 | 230 | 21 | 230 | M | 1 | | | 1025.0 | 1012.7 |
| 22 | 50 | 34 | 42 | 1 | 23 | 0 | 0.00 | 0.0 | 0 | 7.3 | 18 | 180 | 15 | 190 | M | | | | 1026.2 | 1023.5 |
| 23 | 49 | 36 | 43 | 3 | 22 | 0 | T | 0.0 | 0 | 4.7 | 18 | 180 | 15 | 240 | M | | | | 1027.4 | 1023.6 |
| 24 | 54 | 41 | 48 | 8 | 17 | 0 | 0.53 | 0.0 | 0 | 13.8 | 30 | 180 | 24 | 180 | M | 1 | | | 1027.4 | 1015.9 |
| 25 | 59 | 52 | 56 | 16 | 9 | 0 | 0.17 | 0.0 | 0 | 12.5 | 36 | 220 | 29 | 230 | M | 1 | | | 1016.5 | 1009.3 |
| 26 | 56 | 36 | 46 | 7 | 19 | 0 | 0.06 | 0.0 | 0 | 13.3 | 36 | 190 | 29 | 170 | M | 1 | | | 1016.0 | 1006.3 |
| 27 | 50 | 34 | 42 | 3 | 23 | 0 | T | 0.0 | 0 | 4.5 | 14 | 40 | 13 | 40 | M | 1 | | | 1022.9 | 1015.8 |
| 28 | 37 | 31 | 34 | -5 | 31 | 0 | T | 0.0 | 0 | 5.1 | 14 | 170 | 11 | 170 | M | 1,2 | | | 1026.4 | 1023.8 |
| 29 | 62 | 33 | 48 | 9 | 17 | 0 | T | 0.0 | 0 | 3.9 | 21 | 270 | 15 | 210 | M | 1 | | | 1024.5 | 1011.5 |
| 30 | 51 | 41 | 46 | 8 | 19 | 0 | 0.17 | 0.0 | 0 | 6.2 | 21 | 170 | 18 | 170 | M | 1 | | | 1016.8 | 1013.0 |
| SUM | 1656 | 1161 | | | 541 | 7 | 1.94 | 0.0 | | 222.3 | | | | | | | | | | |
| AVG | 55.2 | 38.7 | | | | | | | | 7.4 | FASTEST | DIRECTION | FASTEST | DIRECTION | | | | | | |
| | | | | | | | | | | MISC.-> | 36 | 190 | 29 | 170 | | | | | | |

## TEMPERATURE DATA

| | | | |
|---|---|---|---|
| AVERAGE MONTHLY | | 47.0 | |
| DEPARTURE FROM NORMAL | | 4.1 | |
| HIGHEST | 81 | ON | 12 |
| LOWEST | 30 | ON | 2 |
| NUMBER OF DAYS WITH - | | | |
| MAX 32 OR BELOW | | 0 | |
| MAX 90 OR ABOVE | | 0 | |
| MIN 32 OR BELOW | | 8 | |
| MIN 0 OR BELOW | | 0 | |
| HEATING DEGREE DAYS (Base 65) | | | |
| TOTAL THIS MONTH | | 541 | |
| DEPARTURE FROM NORMAL | | -123 | |
| SEASONAL TOTAL | | 1036 | |
| DEPARTURE FROM NORMAL | | 0 | |
| COOLING DEGREE DAYS (Base 65) | | | |
| TOTAL THIS MONTH | | 7 | |
| DEPARTURE FROM NORMAL | | 7 | |
| SEASONAL TOTAL | | 766 | |
| DEPARTURE FROM NORMAL | | 63 | |

## PRECIPITATION DATA

| | | | |
|---|---|---|---|
| TOTAL FOR THE MONTH | | 1.94 | |
| DEPARTURE FROM NORMAL | | -0.71 | |
| GREATEST IN 24 HRS | 0.53 | ON | 24 |

## SNOWFALL, ICE PELLETS

| | | | |
|---|---|---|---|
| TOTAL FOR THE MONTH | | 0.0 | |
| GREATEST IN 24 HRS | 0.0 | ON | - |
| GREATEST DEPTH ON GROUND | 0 | ON | - |

## PRESSURE DATA

| | | | |
|---|---|---|---|
| HIGHEST SEA-LEVEL (IN.) | 1038.4 | ON | 1 |
| LOWEST SEA-LEVEL (IN.) | 1003.3 | ON | 8 |

## WEATHER

| | |
|---|---|
| NUMBER OF DAYS - | |
| CLEAR (Scale 0-2) | M |
| PARTLY CLOUDY (Scale 3-6) | M |
| CLOUDY (Scale 7-8) | M |
| WITH 0.01 INCH OR MORE PRECIP. | 12 |
| WITH 0.10 INCH OR MORE PRECIP. | 8 |
| WITH 0.50 INCH OR MORE PRECIP. | 1 |
| WITH 1.00 INCH OR MORE PRECIP. | 0 |

## SYMBOLS USED IN COL 16

1 = FOG / MIST
2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = DUSTSTORM OR SANDSTORM REDUCING VISIBILITY TO 1/4 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

| REMARKS: | |
|---|---|
| PRECIPITATION SINCE JAN 1 | 12.50 |
| PRECIPITATION SINCE SEP 1 | 3.26 |
| PRECIPITATION SINCE OCT | 3.26 |