

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
WEATHER BUREAU

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ANNUAL  
METEOROLOGICAL  
SUMMARY

WITH COMPARATIVE DATA

1938

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YAKIMA, WASHINGTON

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COMPILED BY  
IVAN E. ANDERSON



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1939

## YAKIMA, WASH.

## Annual meteorological summary for the year 1938

Latitude, 46°36' N.; longitude, 120°30' W. Elevation (in feet) of instruments above ground: Thermometers, 58; rain gage, 52; anemometer, 67. Elevation, of ground at station, above sea level, 1,068 feet

| Month          | Temperature° F.    |                    |           |         |         |         | Precipitation (inches) |            |                      |                 | Humidity (percent) |                         |                  | Sunshine                |                 | Wind (true velocities) |                            |                        |          |           |        | Number of days—      |       |               |        |                            |                       |               |           |           |              |              |              |               |         |
|----------------|--------------------|--------------------|-----------|---------|---------|---------|------------------------|------------|----------------------|-----------------|--------------------|-------------------------|------------------|-------------------------|-----------------|------------------------|----------------------------|------------------------|----------|-----------|--------|----------------------|-------|---------------|--------|----------------------------|-----------------------|---------------|-----------|-----------|--------------|--------------|--------------|---------------|---------|
|                | Mean daily maximum | Mean daily minimum | Mean 1938 | Highest | Date    | Lowest  | Date                   | Total 1938 | Greatest in 24 hours | Date            | Snowfall           | 4:30 a. m. <sup>1</sup> | Noon, local time | 4:30 p. m. <sup>1</sup> | Number of hours | Percentage of possible | Cloudiness (scale 0 to 10) | Average miles per hour | Highest  |           |        | Prevailing direction | Clear | Partly cloudy | Cloudy | Precipitation 0.01 or more | Snow 0.1 inch or more | Thunderstorms | Light fog | Dense fog | Temperature  |              |              |               |         |
|                |                    |                    |           |         |         |         |                        |            |                      |                 |                    |                         |                  |                         |                 |                        |                            |                        | Velocity | Direction | Date   |                      |       |               |        |                            |                       |               |           |           | 32° or below | 90° or above | 32° or below | Zero or below |         |
|                |                    |                    |           |         |         |         |                        |            |                      |                 |                    |                         |                  |                         |                 |                        |                            |                        |          |           |        |                      |       |               |        |                            |                       |               |           |           |              |              |              |               | Maximum |
| January.....   | 38.8               | 28.5               | 33.6      | 56      | 15      | 19      | 31                     | 0.74       | 0.35                 | 28-29           | 2.8                | 85                      | 73               | 71                      | 52              | 19                     | 8.4                        | 3.9                    | 19       | NW.       | 22     | NW.                  | 3     | 5             | 23     | 9                          | 5                     | 0             | 9         | 4         | 7            | 0            | 27           | 0             |         |
| February.....  | 40.9               | 29.0               | 35.0      | 48      | 12      | 17      | 5                      | 1.77       | .38                  | { 9-10, 13 }    | 9.7                | 88                      | 73               | 72                      | 54              | 19                     | 8.6                        | 4.2                    | 16       | SW.       | 5      | NW.                  | 1     | 5             | 22     | 14                         | 9                     | 0             | 6         | 2         | 2            | 0            | 19           | 0             |         |
| March.....     | 53.0               | 34.2               | 43.6      | 66      | 11      | 24      | 21                     | 1.52       | .33                  | 15-16           | 1.3                | 76                      | 50               | 45                      | 175             | 47                     | 6.6                        | 5.9                    | 25       | SW.       | 18     | NW.                  | 6     | 10            | 15     | 10                         | 1                     | 2             | 1         | 0         | 0            | 0            | 10           | 0             |         |
| April.....     | 66.0               | 41.7               | 53.8      | 81      | 30      | 28      | 1                      | .34        | .33                  | 8-9             | .0                 | 64                      | 33               | 29                      | 271             | 66                     | 5.7                        | 6.5                    | 23       | NW.       | 25     | NW.                  | 9     | 11            | 10     | 3                          | 0                     | 0             | 0         | 0         | 0            | 0            | 2            | 0             |         |
| May.....       | 74.1               | 48.1               | 61.1      | 94      | 25      | 35      | 4                      | .19        | .12                  | 10              | .0                 | 56                      | 25               | 25                      | 333             | 71                     | 4.8                        | 7.6                    | 28       | W.        | 12     | NW.                  | 12    | 10            | 9      | 3                          | 0                     | 1             | 0         | 0         | 0            | 4            | 0            | 0             |         |
| June.....      | 83.5               | 56.6               | 70.0      | 95      | 4       | 44      | 9                      | .81        | .64                  | 17-18           | .0                 | 58                      | 31               | 28                      | 338             | 71                     | 4.3                        | 7.3                    | 26       | NW.       | 30     | NW.                  | 14    | 8             | 8      | 5                          | 0                     | 1             | 0         | 0         | 0            | 8            | 0            | 0             |         |
| July.....      | 92.5               | 63.7               | 78.1      | 106     | 22      | 54      | 2                      | .04        | .03                  | 7               | .0                 | 50                      | 23               | 20                      | 411             | 86                     | 1.8                        | 7.0                    | 24       | NW.       | 18     | NW.                  | 24    | 6             | 1      | 2                          | 0                     | 2             | 0         | 0         | 0            | 19           | 0            | 0             |         |
| August.....    | 85.6               | 56.9               | 71.2      | 98      | 26      | 48      | 2                      | .15        | .09                  | 13              | .0                 | 54                      | 25               | 22                      | 409             | 93                     | 1.5                        | 7.0                    | 21       | NW.       | 5      | NW.                  | 26    | 4             | 1      | 2                          | 0                     | 0             | 0         | 0         | 0            | 8            | 0            | 0             |         |
| September..... | 83.7               | 56.0               | 69.8      | 96      | 2       | 45      | 30                     | .09        | .04                  | 2               | .0                 | 61                      | 30               | 28                      | 282             | 75                     | 3.3                        | 5.6                    | 23       | NW.       | 18     | NW.                  | 16    | 10            | 4      | 3                          | 0                     | 3             | 0         | 0         | 0            | 9            | 0            | 0             |         |
| October.....   | 64.9               | 41.9               | 53.4      | 78      | 1       | 33      | 18                     | 1.41       | .66                  | 4-5             | .0                 | 80                      | 47               | 49                      | 196             | 58                     | 5.0                        | 4.8                    | 24       | S.        | 2      | NW.                  | 14    | 6             | 11     | 8                          | 0                     | 0             | 2         | 1         | 0            | 0            | 0            | 0             | 0       |
| November.....  | 47.8               | 28.6               | 38.2      | 59      | 2       | 15      | 23                     | .31        | .21                  | { 10/31- 11/1 } | T                  | 79                      | 52               | 50                      | 143             | 51                     | 5.3                        | 4.7                    | 27       | NW.       | 16     | NW.                  | 10    | 7             | 13     | 5                          | 0                     | 0             | 1         | 1         | 0            | 0            | 23           | 0             | 0       |
| December.....  | 43.4               | 26.9               | 35.2      | 57      | 30      | 13      | 14                     | .41        | .33                  | 2               | .5                 | 81                      | 65               | 62                      | 72              | 27                     | 6.9                        | 4.4                    | 26       | NW.       | 25     | NW.                  | 7     | 6             | 18     | 7                          | 4                     | 0             | 8         | 4         | 2            | 0            | 24           | 0             | 0       |
| Year.....      | 64.5               | 42.7               | 53.6      | 106     | July 22 | Dec. 13 | 14                     | 7.78       | .66                  | Oct. 4-5        | 14.3               | 69                      | 44               | 42                      | 2,736           | 61                     | 5.2                        | 5.7                    | 28       | W.        | May 12 | NW.                  | 142   | 88            | 135    | 71                         | 19                    | 9             | 27        | 12        | 11           | 48           | 105          | 0             |         |

<sup>1</sup> 120th meridian time.



## YAKIMA, WASH.

## Comparative data and extremes

| Month                   | Temperature, °F.      |                       |        |                  |           |                 | Precipitation (inches) |        |                      |           |                  |                               | Relative humidity, (percent) |                         |                 | Sunshine                |             | Wind (true velocities) |                         |                      |                  | Average number of days—    |       |       |               |        |                    |                      |               |           |                                  |                                  |                                 |    |
|-------------------------|-----------------------|-----------------------|--------|------------------|-----------|-----------------|------------------------|--------|----------------------|-----------|------------------|-------------------------------|------------------------------|-------------------------|-----------------|-------------------------|-------------|------------------------|-------------------------|----------------------|------------------|----------------------------|-------|-------|---------------|--------|--------------------|----------------------|---------------|-----------|----------------------------------|----------------------------------|---------------------------------|----|
|                         | Average daily maximum | Average daily minimum | Normal | Absolute highest | Year      | Absolute lowest | Year                   | Normal | Greatest in 24 hours | Year      | Average snowfall | Greatest snowfall in 24 hours | Year                         | 4:30 a. m. <sup>1</sup> | Noon—local time | 4:30 p. m. <sup>1</sup> | Total hours | Percent of possible    | Average hourly velocity | Prevailing direction | Highest velocity | Direction highest velocity | Year  | Clear | Partly cloudy | Cloudy | Rain, 0.01 or more | Snow (trace or more) | Thunderstorms | Dense fog | Maximum temperature 90° or above | Minimum temperature 32° or below | Minimum temperature 0° or below |    |
| Length of record, years | 29                    | 29                    | —      | 29               | 29        | 29              | 29                     | —      | 29                   | 29        | 30               | 30                            | 30                           | 10                      | 10              | 10                      | 10          | 10                     | 10                      | 10                   | 10               | 10                         | 10    | 10    | 10            | 10     | 10                 | 10                   | 10            | 10        | 10                               | 10                               | 10                              | 10 |
| January                 | 37.0                  | 20.8                  | 27.4   | 60               | *1913     | -21             | 1909                   | 1.29   | *.68                 | 1929      | 8.3              | 8.0                           | 1929                         | 83                      | 70              | 70                      | 111         | 40                     | 4.3                     | NW.                  | 32               | NW.                        | 1933  | 5     | 7             | 19     | 9                  | 13                   | 0             | 4         | 0                                | 27                               | 2                               | 2  |
| February                | 45.7                  | 26.3                  | 34.5   | 70               | 1932      | -11             | 1929                   | .99    | .78                  | 1934      | 3.9              | 9.2                           | 1916                         | 80                      | 56              | 59                      | 156         | 54                     | 4.7                     | NW.                  | 29               | W.                         | 1930  | 5     | 9             | 14     | 6                  | 7                    | 0             | 1         | 0                                | 20                               | 1                               | 0  |
| March                   | 59.3                  | 33.5                  | 44.1   | 82               | 1911      | 13              | *1917                  | .38    | .73                  | 1931      | .3               | 1.9                           | 1935                         | 71                      | 42              | 41                      | 235         | 63                     | 6.3                     | NW.                  | 34               | NW.                        | *1929 | 7     | 10            | 14     | 7                  | 3                    | 0             | 0         | 0                                | 10                               | 0                               | 0  |
| April                   | 66.4                  | 39.0                  | 52.5   | 94               | 1926      | 21              | 1936                   | .47    | .78                  | 1937      | .1               | 2.0                           | 1920                         | 62                      | 31              | 30                      | 300         | 73                     | 6.9                     | NW.                  | 34               | W.                         | 1936  | 9     | 11            | 10     | 4                  | 1                    | 0             | 0         | 0                                | 2                                | 0                               | 0  |
| May                     | 73.7                  | 45.9                  | 59.0   | 100              | 1934      | 28              | *1922                  | .63    | .83                  | 1921      | T                | T                             | *1922                        | 59                      | 28              | 28                      | 353         | 76                     | 7.7                     | NW.                  | 28               | W.                         | 1938  | 11    | 11            | 9      | 4                  | 0                    | 1             | 0         | 2                                | 0                                | 0                               | 0  |
| June                    | 81.0                  | 52.6                  | 66.4   | 103              | *1925     | 32              | 1925                   | .59    | .71                  | 1936      | .0               | .0                            | —                            | 60                      | 31              | 29                      | 354         | 74                     | 7.2                     | NW.                  | 30               | W.                         | 1929  | 14    | 7             | 9      | 6                  | 0                    | 2             | 0         | 5                                | 0                                | 0                               | 0  |
| July                    | 88.9                  | 58.0                  | 71.4   | 111              | 1928      | 41              | 1924                   | .32    | .91                  | 1923      | .0               | .0                            | —                            | 53                      | 25              | 23                      | 422         | 88                     | 7.4                     | NW.                  | 29               | NW.                        | 1929  | 24    | 5             | 2      | 2                  | 0                    | 1             | 0         | 14                               | 0                                | 0                               | 0  |
| August                  | 86.8                  | 56.1                  | 69.5   | 102              | *1920     | 36              | 1925                   | .17    | .57                  | 1923      | .0               | .0                            | —                            | 57                      | 25              | 23                      | 386         | 88                     | 6.7                     | NW.                  | 25               | NW.                        | 1937  | 23    | 6             | 2      | 2                  | 0                    | 1             | 0         | 13                               | 0                                | 0                               | 0  |
| September               | 79.6                  | 49.1                  | 61.1   | 98               | 1928      | 20              | 1926                   | .51    | .86                  | 1911      | .0               | .0                            | —                            | 65                      | 32              | 32                      | 278         | 74                     | 5.8                     | NW.                  | 27               | W.                         | 1932  | 16    | 9             | 5      | 3                  | 0                    | 0             | 0         | 3                                | 0                                | 0                               | 0  |
| October                 | 67.7                  | 39.7                  | 50.2   | 89               | *1919     | 12              | 1919                   | .61    | 1.02                 | 1914      | T                | .5                            | 1935                         | 74                      | 40              | 43                      | 227         | 67                     | 5.0                     | NW.                  | 29               | W.                         | 1932  | 13    | 9             | 9      | 5                  | 0                    | 0             | 0         | 0                                | 3                                | 0                               | 0  |
| November                | 50.4                  | 30.6                  | 38.9   | 72               | 1953      | 5               | 1911                   | .85    | .96                  | 1926      | 2.4              | 11.0                          | 1921                         | 82                      | 59              | 61                      | 127         | 45                     | 4.3                     | NW.                  | 27               | NW.                        | *1932 | 7     | 7             | 16     | 6                  | 3                    | 0             | 2         | 0                                | 18                               | 0                               | 0  |
| December                | 39.1                  | 24.2                  | 30.7   | 66               | *1921     | -24             | 1919                   | 1.34   | .80                  | 1937      | 7.1              | 7.3                           | 1931                         | 85                      | 72              | 73                      | 84          | 31                     | 4.4                     | NW.                  | 32               | SW.                        | 1936  | 4     | 7             | 20     | 11                 | 9                    | 0             | 4         | 0                                | 25                               | 0                               | 0  |
| Annual                  | 64.6                  | 39.6                  | 50.5   | 111              | July 1928 | -24             | Dec. 1919              | 8.15   | 1.02                 | Oct. 1914 | 22.1             | 11.0                          | Nov. 1921                    | 69                      | 43              | 43                      | 3,033       | 64                     | 5.9                     | NW.                  | 34               | NW.                        | *1929 | 138   | 98            | 129    | 65                 | 36                   | 5             | 11        | 37                               | 105                              | 3                               | 3  |

\*On other dates also.

† 120th meridian time.

## YAKIMA, WASH.

## Monthly and annual mean temperatures

| Year       | January | February | March | April | May  | June | July | August | September | October | November | December | Annual |
|------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|--------|
| 1909.....  | 19.4    | 38.3     | 46.6  | 55.4  | 63.7 | 64.8 | 74.4 | 68.0   | 63.5      | 50.7    | 40.0     | 24.6     | 51.8   |
| 1910.....  | 27.5    | 31.2     | 49.7  | 55.4  | 63.7 | 64.8 | 74.4 | 68.0   | 61.8      | 53.6    | 39.2     | 32.0     | 51.8   |
| 1911.....  | 30.6    | 33.6     | 47.2  | 55.6  | 56.9 | 68.4 | 76.0 | 70.4   | 58.5      | 49.1    | 37.8     | 31.8     | 51.3   |
| 1912.....  | 26.6    | 38.8     | 42.4  | 52.5  | 62.0 | 69.9 | 71.2 | 67.3   | 59.4      | 47.1    | 40.1     | 32.4     | 50.8   |
| 1913.....  | 25.9    | 28.8     | 41.0  | 52.7  | 58.9 | 66.3 | 70.4 | 71.2   | 60.4      | 49.0    | 41.2     | 31.6     | 49.8   |
| 1914.....  | 34.2    | 35.2     | 47.8  | 54.4  | 62.2 | 64.4 | 73.4 | 71.2   | 58.2      | 52.8    | 40.4     | 22.6     | 51.4   |
| 1915.....  | 24.6    | 37.8     | 49.1  | 55.5  | 58.0 | 64.8 | 69.4 | 73.8   | 59.6      | 51.8    | 37.2     | 30.2     | 51.0   |
| 1916.....  | 19.8    | 33.8     | 44.9  | 52.4  | 55.6 | 63.6 | 66.2 | 70.3   | 61.8      | 50.5    | 34.8     | 26.4     | 48.3   |
| 1917.....  | 26.8    | 34.2     | 38.4  | 47.5  | 58.0 | 63.0 | 74.0 | 74.2   | 64.2      | 53.4    | 43.1     | 38.0     | 51.2   |
| 1918.....  | 35.0    | 33.8     | 43.4  | 53.6  | 57.0 | 70.4 | 73.0 | 67.8   | 67.4      | 52.5    | 39.4     | 33.3     | 52.2   |
| 1919.....  | 33.5    | 35.4     | 45.4  | 53.5  | 58.6 | 63.6 | 72.6 | 71.4   | 60.3      | 48.0    | 37.8     | 21.0     | 50.1   |
| 1920.....  | 28.4    | 36.3     | 43.9  | 48.2  | 56.4 | 63.6 | 74.8 | 71.0   | 61.0      | 49.8    | 39.1     | 32.8     | 50.4   |
| 1921.....  | 30.6    | 35.6     | 45.0  | 49.8  | 60.2 | 67.0 | 71.0 | 71.8   | 58.1      | 52.8    | 36.9     | 30.8     | 50.8   |
| 1922.....  | 18.2    | 30.0     | 40.6  | 49.0  | 57.9 | 72.2 | 74.6 | 71.0   | 63.0      | 52.8    | 36.7     | 23.4     | 49.1   |
| 1923.....  | 34.0    | 29.8     | 42.9  | 51.6  | 58.2 | 65.3 | 73.5 | 73.0   | 64.0      | 51.2    | 41.0     | 32.2     | 51.4   |
| 1924.....  | 26.0    | 41.5     | 43.8  | 51.4  | 65.2 | 66.3 | 72.2 | 70.2   | 61.8      | 50.2    | 37.1     | 23.9     | 50.8   |
| 1925.....  | 34.1    | 41.4     | 45.4  | 54.6  | 62.0 | 67.2 | 76.0 | 70.4   | 62.2      | 51.2    | 37.2     | 35.8     | 53.1   |
| 1926.....  | 32.4    | 41.2     | 49.0  | 56.7  | 56.5 | 70.0 | 74.8 | 70.3   | 56.5      | 51.5    | 39.7     | 27.4     | 52.2   |
| 1927.....  | 26.1    | 37.4     | 43.6  | 49.9  | 56.2 | 68.0 | 73.2 | 71.7   | 59.9      | 50.8    | 42.2     | 27.2     | 50.5   |
| 1928.....  | 29.0    | 37.1     | 45.9  | 48.7  | 63.8 | 66.4 | 76.2 | 70.6   | 63.0      | 51.6    | 40.6     | 30.3     | 51.9   |
| 1929.....  | 16.9    | 23.4     | 45.0  | 49.0  | 60.2 | 65.5 | 72.6 | 74.6   | 61.6      | 54.4    | 37.8     | 34.4     | 49.5   |
| 1930.....  | 15.7    | 39.8     | 47.7  | 56.0  | 58.5 | 63.9 | 75.4 | 75.1   | 63.7      | 48.9    | 38.2     | 31.6     | 51.2   |
| 1931.....  | 33.0    | 38.2     | 44.8  | 53.2  | 64.3 | 66.2 | 75.9 | 73.8   | 62.6      | 52.4    | 36.4     | 24.8     | 52.1   |
| 1932.....  | 26.3    | 32.6     | 44.2  | 53.8  | 59.4 | 70.2 | 69.7 | 71.4   | 65.2      | 52.6    | 42.8     | 29.0     | 51.4   |
| 1933.....  | 33.0    | 29.1     | 42.8  | 52.2  | 54.9 | 67.0 | 74.4 | 73.8   | 58.6      | 55.9    | 42.0     | 38.4     | 51.8   |
| 1934.....  | 39.2    | 43.8     | 51.2  | 61.0  | 63.4 | 69.4 | 73.4 | 74.5   | 61.7      | 55.4    | 43.4     | 35.4     | 56.0   |
| 1935.....  | 32.0    | 38.7     | 41.9  | 50.0  | 60.5 | 66.6 | 73.7 | 70.6   | 67.9      | 50.1    | 35.2     | 31.0     | 51.5   |
| 1936.....  | 33.0    | 22.8     | 43.3  | 56.0  | 64.2 | 67.8 | 74.6 | 73.9   | 63.6      | 56.7    | 35.6     | 34.5     | 52.2   |
| 1937.....  | 15.0    | 30.0     | 46.3  | 50.2  | 60.2 | 66.6 | 75.9 | 68.6   | 65.8      | 56.7    | 43.4     | 35.2     | 51.2   |
| 1938.....  | 33.6    | 35.0     | 43.6  | 53.8  | 61.1 | 70.0 | 78.1 | 71.2   | 69.8      | 53.4    | 38.2     | 35.2     | 53.6   |
| Means..... | 28.0    | 34.8     | 44.9  | 52.7  | 59.8 | 66.8 | 73.5 | 71.5   | 62.2      | 51.9    | 39.2     | 30.6     | 51.3   |

NOTE.—Data in this summary are from the following Weather Bureau records: Special meteorological station, 1909 to November 15, 1928; all instruments ground exposure. First order station after November 15, 1928; all instruments on roof of office building.

## Monthly and annual precipitation

| Year      | January | February | March | April | May  | June | July | August | September | October | November | December | Annual |
|-----------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|--------|
| 1909..... | 1.84    | 1.13     | 0.18  |       |      |      |      |        | 0.74      | 0.32    | 1.76     | 0.93     | 5.38   |
| 1910..... | .73     | .64      | .21   | 0.08  | 0.35 | 0.55 | 0.00 | 0.12   | .38       | .12     | 1.49     | .71      | 5.38   |
| 1911..... | .40     | .34      | .23   | .11   | 1.10 | .32  | .02  | .21    | 2.21      | .12     | .04      | .28      | 5.38   |
| 1912..... | 1.82    | .55      | .21   | .63   | .27  | .98  | .22  | .50    | .17       | .47     | 1.04     | .36      | 7.22   |
| 1913..... | .88     | .30      | .02   | .51   | .67  | .78  | T    | .02    | .36       | .96     | 1.49     | .84      | 6.83   |
| 1914..... | 2.09    | .53      | .03   | .69   | .90  | .21  | .17  | .00    | .75       | 1.51    | .71      | .81      | 8.40   |
| 1915..... | 1.17    | 1.30     | .77   | .62   | 1.28 | 1.11 | .43  | .05    | T         | .29     | 1.85     | 1.56     | 10.43  |
| 1916..... | .71     | 1.60     | 1.17  | .44   | .13  | .63  | 1.35 | T      | T         | .05     | .40      | .74      | 7.22   |
| 1917..... | .23     | .47      | .31   | .59   | .70  | .28  | .01  | .00    | .34       | T       | 1.28     | 1.96     | 6.17   |
| 1918..... | .64     | .73      | .24   | T     | .65  | .11  | .28  | .30    | .30       | 1.14    | .51      | .75      | 5.65   |
| 1919..... | 1.00    | .99      | .10   | .38   | .58  | .04  | .03  | .08    | .69       | .12     | .50      | .99      | 5.50   |
| 1920..... | .94     | .04      | .02   | .53   | .39  | .33  | .25  | .44    | 1.18      | .55     | 1.35     | 1.82     | 7.84   |
| 1921..... | 1.52    | .59      | .25   | .35   | .92  | .27  | T    | .02    | .27       | .31     | 2.33     | 1.24     | 8.07   |
| 1922..... | .23     | .18      | .74   | .03   | .13  | T    | .00  | .18    | .43       | .85     | .11      | 1.20     | 4.08   |
| 1923..... | .45     | .30      | .19   | .38   | .42  | .48  | 1.97 | .80    | .86       | .49     | .24      | 1.07     | 7.65   |
| 1924..... | .59     | .57      | .02   | .04   | .04  | .04  | .18  | .59    | .50       | 1.03    | 2.08     | .42      | 6.10   |
| 1925..... | .71     | .98      | .13   | .64   | 1.07 | .08  | T    | T      | .87       | .14     | .47      | 1.02     | 6.11   |



## YAKIMA, WASH.

## Monthly and annual precipitation—Continued

| Year       | January | February | March | April | May  | June | July | August | September | October | November | December | Annual |
|------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|--------|
| 1926.....  | 0.53    | 1.36     | 0.02  | 0.05  | 0.14 | 0.27 | T    | 0.29   | 0.26      | 0.40    | 3.11     | 1.19     | 7.62   |
| 1927.....  | 2.08    | .98      | .18   | .01   | .32  | .16  | 0.08 | .01    | .93       | .90     | 1.43     | .06      | 7.14   |
| 1928.....  | 1.41    | .05      | .70   | 1.21  | .20  | .20  | .13  | .08    | .38       | .47     | .62      | 1.81     | 7.26   |
| 1929.....  | 1.50    | .01      | .45   | .09   | .18  | .55  | T    | T      | .17       | .05     | T        | 1.13     | 4.13   |
| 1930.....  | .52     | 1.19     | .20   | .08   | .41  | .44  | .02  | T      | .15       | .24     | .39      | .26      | 3.90   |
| 1931.....  | 1.24    | .15      | 1.11  | .02   | T    | .91  | T    | T      | .23       | .33     | .48      | 3.75     | 8.22   |
| 1932.....  | .76     | .33      | .49   | .22   | .96  | .06  | .16  | .12    | T         | .41     | 1.13     | .72      | 5.36   |
| 1933.....  | .62     | .38      | .99   | .16   | 1.08 | .41  | .06  | .16    | .62       | .45     | .21      | 2.18     | 7.32   |
| 1934.....  | .63     | .93      | .60   | .47   | .20  | .06  | .01  | .20    | .37       | .89     | 1.36     | .59      | 6.31   |
| 1935.....  | .40     | .28      | .37   | .06   | .09  | .69  | .12  | .01    | .03       | .44     | .54      | .99      | 4.02   |
| 1936.....  | 2.14    | .84      | .05   | .27   | .32  | 1.21 | .38  | T      | .25       | .10     | T        | .93      | 6.49   |
| 1937.....  | .85     | 1.03     | .91   | 1.46  | T    | 2.73 | T    | .33    | .88       | .16     | 1.57     | 1.64     | 11.56  |
| 1938.....  | .74     | 1.77     | 1.52  | .34   | .19  | .81  | .04  | .15    | .09       | 1.41    | .31      | .41      | 7.78   |
| Means..... | .98     | .68      | .41   | .36   | .47  | .51  | .20  | .16    | .48       | .49     | .96      | 1.08     | 6.78   |

|           |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1939..... | 1.35 | .84  | .05  | .27  | .32  | 1.21 | .38  | T    | .25  | .10  | T    | .93  | 6.49  |
| 1940..... | .85  | 1.03 | .91  | 1.46 | T    | 2.73 | T    | .33  | .88  | .16  | 1.57 | 1.64 | 11.56 |
| 1941..... | .74  | 1.77 | 1.52 | .34  | .19  | .81  | .04  | .15  | .09  | 1.41 | .31  | .41  | 7.78  |
| 1942..... | .63  | .93  | .60  | .47  | .20  | .06  | .01  | .20  | .37  | .89  | 1.36 | .59  | 6.31  |
| 1943..... | .62  | .38  | .99  | .16  | 1.08 | .41  | .06  | .16  | .62  | .45  | .21  | 2.18 | 7.32  |
| 1944..... | .76  | .33  | .49  | .22  | .96  | .06  | .16  | .12  | T    | .41  | 1.13 | .72  | 5.36  |
| 1945..... | 1.24 | .15  | 1.11 | .02  | T    | .91  | T    | T    | .23  | .33  | .48  | 3.75 | 8.22  |
| 1946..... | .52  | 1.19 | .20  | .08  | .41  | .44  | .02  | T    | .15  | .24  | .39  | .26  | 3.90  |
| 1947..... | 1.41 | .05  | .70  | 1.21 | .20  | .20  | .13  | .08  | .38  | .47  | .62  | 1.81 | 7.26  |
| 1948..... | .98  | .68  | .41  | .36  | .47  | .51  | .20  | .16  | .48  | .49  | .96  | 1.08 | 6.78  |
| 1949..... | 2.08 | .98  | .18  | .01  | .32  | .16  | 0.08 | .01  | .93  | .90  | 1.43 | .06  | 7.14  |
| 1950..... | 0.53 | 1.36 | 0.02 | 0.05 | 0.14 | 0.27 | T    | 0.29 | 0.26 | 0.40 | 3.11 | 1.19 | 7.62  |

NOTE.—Data in this summary are from the following Western Pacific record: Special meteorological station 1950 to 1951. All instruments used in this summary are of the following type: all instruments on foot of record building.

| Year      | January | February | March | April | May  | June | July | August | September | October | November | December | Annual |
|-----------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|--------|
| 1951..... | 1.35    | .84      | .05   | .27   | .32  | 1.21 | .38  | T      | .25       | .10     | T        | .93      | 6.49   |
| 1952..... | .85     | 1.03     | .91   | 1.46  | T    | 2.73 | T    | .33    | .88       | .16     | 1.57     | 1.64     | 11.56  |
| 1953..... | .74     | 1.77     | 1.52  | .34   | .19  | .81  | .04  | .15    | .09       | 1.41    | .31      | .41      | 7.78   |
| 1954..... | .63     | .93      | .60   | .47   | .20  | .06  | .01  | .20    | .37       | .89     | 1.36     | .59      | 6.31   |
| 1955..... | .62     | .38      | .99   | .16   | 1.08 | .41  | .06  | .16    | .62       | .45     | .21      | 2.18     | 7.32   |
| 1956..... | .76     | .33      | .49   | .22   | .96  | .06  | .16  | .12    | T         | .41     | 1.13     | .72      | 5.36   |
| 1957..... | 1.24    | .15      | 1.11  | .02   | T    | .91  | T    | T      | .23       | .33     | .48      | 3.75     | 8.22   |
| 1958..... | .52     | 1.19     | .20   | .08   | .41  | .44  | .02  | T      | .15       | .24     | .39      | .26      | 3.90   |
| 1959..... | 1.41    | .05      | .70   | 1.21  | .20  | .20  | .13  | .08    | .38       | .47     | .62      | 1.81     | 7.26   |
| 1960..... | .98     | .68      | .41   | .36   | .47  | .51  | .20  | .16    | .48       | .49     | .96      | 1.08     | 6.78   |
| 1961..... | 2.08    | .98      | .18   | .01   | .32  | .16  | 0.08 | .01    | .93       | .90     | 1.43     | .06      | 7.14   |
| 1962..... | 0.53    | 1.36     | 0.02  | 0.05  | 0.14 | 0.27 | T    | 0.29   | 0.26      | 0.40    | 3.11     | 1.19     | 7.62   |