Precipitation ———— STATION __Popayan (Machangara)__

CAUCA __ RIVER. IN THE BASIN OF _CAUCA_  ELEVATION __1,730__ UNIT __mm__ YEAR __1971__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 15.0 | 4.0 | 8.1 | 1.0 | 0 | 0 | 0 | 1.0 | 4.0 | 24 0 | 6 0 | 1 |
| 2 | 6.0 | 10.0 | 14.0 | 40.0 | 2.0 | 0 | 0 | 0 | 0 | 9.0 | 3.0 | 2 0 | 2 |
| 3 | 3.0 | 19 0 | 5.0 | 1.0 | 7.0 | 0 | 2.0 | 0 | 0 | 12.0 | 10.0 | 3.0 | 3 |
| 4 | 29.0 | 15.0 | 0 | 0 | 14.0 | 0 | 0 | 15 0 | 9.0 | 4.0 | 5.0 | 7.0 | 4 |
| 5 | 14.0 | 0 | 0 | 0 | 29.0 | 1.0 | 0 | 7.0 | x | 8.0 | 28.0 | 0 | 5 |
| 6 | 94.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 5.0 | x | 1.0 | 0 | 0 | 6 |
| 7 | 9.0 | 12.0 | 4.0 | 12.0 | 1.0 | 0 | 5.0 | 0 | x | 8.0 | 0 | 0 | 7 |
| 8 | 50.0 | 16.0 | 1.0 | 6.0 | 2.0 | 0 | 0 | 0 | x | 32.0 | 10.0 | 0 | 8 |
| 9 | 16.0 | 19.0 | 0 | 5.0 | 0 | 1.0 | 0 | 3.0 | x | 3.0 | 7.0 | 0 | 9 |
| 10 | 19.0 | 42.0 | 0 | 32.0 | 4.0 | 0 | 1.0 | 0 | x | 29.0 | 5.0 | 3 0 | 10 |
| 11 | 26.0 | 5.0 | 1.0 | 0 | 22.0 | 0 | 1.0 | 0 | x | 7.0 | 2.0 | 1.0 | 11 |
| 12 | 0 | 0 | 16.0 | 0 | 0 | 12.0 | 9.0 | 6.0 | x | 5.0 | 0 | 0 | 12 |
| 13 | 15.0 | 2.0 | 0 | 0 | 0 | 1.0 | 0 | 18.0 | x | 0 | 0 | 0 | 13 |
| 14 | 3.0 | 0 | 0 | 23.0 | 6.0 | 7.0 | 2.0 | 0 | x | 0 | 21.0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 4.0 | 17.0 | 0 | 0 | 0 | 0 | 2.0 | 15 0 | 0 | 15 |
| 16 | 4 0 | 54.0 | 0 | 2.0 | 4.0 | 0 | 0 | 0 | 0 | 5.0 | 15.0 | 0 | 16 |
| 17 | 25.0 | 0 | 3.0 | 6.0 | 3.0 | 0 | 0 | 6.0 | 0 | 4.0 | 24.0 | 29.0 | 17 |
| 18 | 10.0 | 43.0 | 15.0 | 7.0 | 4.0 | 1.0 | 0 | 10.0 | 0 | 6.0 | 12.0 | 10 0 | 18 |
| 19 | 6.0 | 30.0 | 3.0 | 0 | 1.0 | 8.0 | 0 | 1.0 | 0 | 3.0 | 8.0 | 2.0 | 19 |
| 20 | 5.0 | 3.0 | 6.0 | 1.0 | 6.0 | 1.0 | 0 | 1.0 | 30.0 | 5.0 | 9.0 | 13.0 | 20 |
| 21 | 6.0 | 0 | 3.0 | 1.0 | 2.0 | 1.0 | 0 | 0 | 1.0 | 16.0 | 3.0 | 34.0 | 21 |
| 22 | 0 | 20.0 | 11.0 | 3.0 | 65.0 | 1.0 | 0 | 0 | 0 | 2.0 | 7 0 | 3.0 | 22 |
| 23 | 0 | 0 | 6.0 | 2.0 | 11.0 | 0 | 0 | 3.0 | 0 | 75.0 | 2.0 | 9 0 | 23 |
| 24 | 47.0 | 0 | 10.0 | 0 | 3.0 | 0 | 0 | 2.0 | 0 | 0 | 15 0 | 6.0 | 24 |
| 25 | 3.0 | 0 | 0 | 0 | 51.0 | 0 | 0 | 3.0 | 0 | 4.0 | ? 0 | 4.0 | 25 |
| 26 | 2.0 | 0 | 30.0 | 2.0 | 4.0 | 2.0 | 14.0 | 2.0 | 9.0 | 54.0 | ? 0 | 4.0 | 26 |
| 27 | 0 | 0 | 0 | 16.0 | 0 | 2.0 | 0 | 0 | 0 | 16.0 | 12.0 | 5 0 | 27 |
| 28 | 0 | 0 | 30.0 | 2.0 | 2.0 | 10.0 | 0 | 0 | 0 | 18.0 | 2.0 | 0 | 28 |
| 29 | 5.0 |  | 10.0 | 0 | 1.0 | 0 | 0 | 0 | 2.0 | 0 | 19.0 | 7.0 | 29 |
| 30 | 5.0 |  | 7.0 | 0 | 0 | 5.0 | 0 | 0 | 2.0 | 13.0 | 0 | 0 | 30 |
| 31 | 0 |  | 30.0 |  | 0 |  | 0 | 0 |  | 0 |  | 0 | 31 |
| Sum | 404.0 | 305.0 | 209.0 | 172.1 | 262.0 | 55.0 | 34.0 | 62.0 | (54.0) | 345.0 | 267.0 | 148 0 | |

Annual Total (2,337.1)

Precipitation ———— STATION __Popayan (Machangara)__

CAUCA __ RIVER. IN THE BASIN OF _CAUCA_  ELEVATION __1,730__ UNIT __mm__ YEAR __1972__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 54.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 0 | 3.0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 34.0 | 22.2 | 2.0 | 2 |
| 3 | 10.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 3 |
| 4 | 0 | 1.0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 4 |
| 5 | 0 | 0 | 10.0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 1.0 | 5.0 | 0 | 5 |
| 6 | 7.0 | 1.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 6 |
| 7 | 1.0 | 27.0 | 3.0 | 0 | 0 | 4.0 | 9.0 | 0 | 0 | 00 | 0 | 0 | 7 |
| 8 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.0 | 8 |
| 9 | 0 | 30.0 | 2.0 | 3.0 | 0 | 23.0 | 0 | 0 | 0 | 9.0 | 0 | 27 0 | 9 |
| 10 | 0 | 6.0 | 2.0 | 59.9 | 9.0 | 4.0 | 0 | 0 | 2.0 | 56.0 | 2 0 | 1 0 | 10 |
| 11 | 0 | 3.0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 7.0 | 2.0 | 0 | 11 |
| 12 | 20.0 | 3.0 | 0 | 15.0 | 0 | 3.0 | 0 | 0 | 0 | 16 0 | 10.0 | 0 | 12 |
| 13 | 7.0 | 0 | 0 | 10.0 | 0 | 1.0 | 0 | 0 | 0 | 8.0 | 0 | 0 | 13 |
| 14 | 6.0 | 2.0 | 5.0 | 0 | 0 | 45.0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 14 |
| 15 | 40.0 | 2.0 | 20.0 | 15.0 | 0 | 0 | 0 | 0 | 44.0 | 0 | 18.0 | 0 | 15 |
| 16 | 12.0 | 0 | 9.0 | 7.0 | 15.0 | 0 | 0 | 0 | 57.0 | 0 | 10.0 | 2 0 | 16 |
| 17 | 10.0 | 6.0 | 4.0 | 5.0 | 11.0 | 0 | 0 | 30.0 | 0 | 0 | 8.0 | 22 0 | 17 |
| 18 | 13.0 | 1.0 | 10.0 | 15.0 | 0 | 0 | 0 | 24.0 | 0 | 0 | 50.0 | 15.0 | 18 |
| 19 | 11.0 | 5.0 | 4.0 | 32.0 | 5.0 | 0 | 0 | 0 | 27.0 | 0 | 0 | 14 0 | 19 |
| 20 | 3.0 | 0 | 4.0 | 15.0 | 5.0 | 0 | 0 | 0 | 3.0 | 0 | 5.0 | 2.0 | 20 |
| 21 | 9.0 | 1.0 | 17.0 | 1.0 | 31.0 | 3.0 | 0 | 2.0 | 0 | 0 | 15.2 | 0 | 21 |
| 22 | 0 | 0 | 9.0 | 10.0 | 18.0 | 0 | 0 | 0 | 0 | 2.0 | 3.0 | 37.0 | 22 |
| 23 | 7.0 | 8.0 | 0 | 42.0 | 4.0 | 10.0 | 0 | 0 | 0 | 17.0 | 3.0 | 12.2 | 23 |
| 24 | 8.0 | 0 | 18.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 25.0 | 0 | 3.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 10.0 | 25 |
| 26 | 2.0 | 0 | 27.0 | 0 | 4.0 | 2.0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 26 |
| 27 | 9.0 | 0 | 1.0 | 2.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 37.0 | 0 | 27 |
| 28 | 36.0 | 2.0 | 19.0 | 20.0 | 3.0 | 0 | 0 | 0 | 3.0 | 31.0 | 14.0 | 0 | 28 |
| 29 | 0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.2 | 39.0 | 0 | 29 |
| 30 | 1.0 |  | 1.0 | 0 | 0 | 0 | 0 | 61.0 | 0 | 22.0 | 0 | 0 | 30 |
| 31 | 4.0 |  | 0 |  | 0 |  | 0 | 0 |  | 40.0 |  | 0 | 31 |
| Sum | 241.0 | 154.0 | 191.0 | 276.9 | 117.0 | 100.0 | 13.0 | 117.0 | 146.0 | 301.2 | 277.4 | 164.2 | |

Annual Total (2,098.7)

CAUCA RIVER, IN THE BASIN OF CAUCA    ELEVATION 1,730    UNIT mm    YEAR 1973

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 52.2 | 0 | 1.0 | 2.0 | 2.0 | 9.0 | 35.0 | 52.0 | 1 |
| 2 | 0 | 0 | 6.0 | 53.0 | 6.0 | 5.0 | 0 | 5.0 | 0 | 26.5 | 21.2 | 8.0 | 2 |
| 3 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 14.2 | 8.0 | 3.0 | 3 |
| 4 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 13.0 | 0 | 28.1 | 18.0 | 10.0 | 4 |
| 5 | 0 | 18.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 3.0 | 10.0 | 4.0 | 47.5 | 5 |
| 6 | 0 | 12.0 | 0 | 12.0 | 0 | 0 | 0 | 0 | 1.0 | 9.2 | 4.0 | 2.0 | 6 |
| 7 | 0 | 135.0 | 3.0 | 6.0 | 2.0 | 5.0 | 0 | 0 | 47.3 | 0 | 0 | 11.5 | 7 |
| 8 | 0 | 1.0 | 35.0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 3.5 | 8 |
| 9 | 0 | 0 | 2.0 | 4.0 | 5.0 | 0 | 0 | 0 | 0 | 13.8 | 41.0 | 17.0 | 9 |
| 10 | 0 | 0 | 14.0 | 2.1 | 0 | 2.0 | 0 | 0 | 0 | 0 | 38.2 | 1.0 | 10 |
| 11 | 0 | 0 | 0 | 1.0 | 0 | 12.2 | 0 | 0 | 5.0 | 0 | 16.0 | 21.2 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 5.0 | 0 | 3.0 | 2.8 | 12 |
| 13 | 5.0 | 0 | 0 | 5.0 | 2.0 | 0 | 0 | 5.0 | 17.2 | 0 | 4.0 | 0 | 13 |
| 14 | 0 | 0 | 2.0 | 12.0 | 3.0 | 0 | 0 | 0 | 27.4 | 0 | 34.0 | 0 | 14 |
| 15 | 0 | 4.0 | 0 | 1.0 | 0 | 0 | 2.5 | 45.2 | 2.2 | 15.2 | 4.0 | 2.0 | 15 |
| 16 | 0 | 0 | 0 | 2.0 | 0 | 3.0 | 0 | 0 | 6.0 | 19.3 | 0 | 6.2 | 16 |
| 17 | 0 | 0 | 0 | 0 | 12.0 | 15.0 | 44.0 | 0 | 9.8 | 1.0 | 0 | 14.2 | 17 |
| 18 | 23.0 | 0 | 0 | 0 | 46.0 | 7.0 | 2.0 | 0 | 0 | 37.0 | 0 | 2.0 | 18 |
| 19 | 5.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 7.2 | 2.0 | 13.1 | 3.0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 9.1 | 0 | 34.0 | 2.1 | 5.0 | 1.0 | 2.0 | 0 | 20 |
| 21 | 25.0 | 0 | 0 | 3.0 | 0 | 6.0 | 0 | 2.0 | 8.0 | 8.0 | 0 | 10.0 | 21 |
| 22 | 19.0 | 2.0 | 0 | 10.0 | 8.3 | 35.5 | 0 | 0 | 4.2 | 5.0 | 0 | 33.0 | 22 |
| 23 | 0 | 0 | 0 | 4.0 | 0 | 1.0 | 5.0 | 0 | 0 | 0 | 15.0 | 2.0 | 23 |
| 24 | 3.0 | 0 | 4.0 | 0 | 2.0 | 4.0 | 54.0 | 0 | 8.1 | 28.0 | 7.0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 26.0 | 0 | 26.2 | 1.0 | 0 | 4.0 | 11.2 | 0 | 0 | 25 |
| 26 | 0 | 0 | 1.0 | 0 | 0 | 0 | 3.0 | 69.0 | 3.0 | 5.1 | 20.0 | 6.2 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 21.3 | 0 | 0 | 11.0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 1.0 | 2.0 | 2.0 | 0 | 0 | 16.2 | 13.8 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 27.0 | 2.2 | 0 | 11.0 | 14.3 | 0 | 29 |
| 30 | 0 | | 2.0 | 0 | 32.0 | 0 | 48.2 | 3.0 | 0 | 2.0 | 0 | 16.2 | 30 |
| 31 | 0 | | 0 | | 12.0 | | 2.0 | 5.1 | | 0 | | 3.0 | 31 |
| Sum | 80.0 | 172.0 | 71.0 | 154.3 | 191.6 | 141.9 | 231.7 | 177.9 | 165.4 | 263.6 | 329.0 | 291.1 | |

Annual Total (2,269.5)

CAUCA RIVER, IN THE BASIN OF CAUCA    ELEVATION 1,730    UNIT mm    YEAR 1974

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.8 | 16.0 | 7.1 | 4.0 | 9.2 | 6.2 | 0.2 | 0.5 | 3.0 | 10.3 | 0.3 | 8.9 | 1 |
| 2 | 0 | 14.9 | 5.0 | 5.0 | 5.2 | 3.1 | 0.6 | 2.8 | 0 | 10.6 | 0.2 | 1.4 | 2 |
| 3 | 2.0 | 37.6 | 8.2 | 0 | 4.0 | 0.2 | 0.1 | 0 | 0 | 16.1 | 0. | 22.1 | 3 |
| 4 | 12.2 | 2.0 | 0 | 1.7 | 3.0 | 0 | 0 | 0.1 | 0 | 1.6 | 1.9 | 13.2 | 4 |
| 5 | 10.2 | 1.0 | 0 | 5.3 | 19.0 | 0.2 | 0 | 0.1 | 3.7 | 6.0 | 12.5 | 0 | 5 |
| 6 | 0 | 8.0 | 14.2 | 2.0 | 7.2 | 0 | 0 | 0.2 | 0.7 | 1.3 | 0.2 | 13.9 | 6 |
| 7 | 0 | 44.1 | 0 | 0 | 13.0 | 1.0 | 0 | 1.7 | 0 | 2.7 | 0.7 | 10.0 | 7 |
| 8 | 0 | 27.3 | 46.2 | 10.0 | 0 | 0.6 | 0 | 0.3 | 0 | 2.6 | 30.8 | 26.3 | 8 |
| 9 | 0 | 9.0 | 5.0 | 0.6 | 0 | 0 | 0 | 9.2 | 0 | 0 | 8.7 | 16.2 | 9 |
| 10 | 0 | 11.7 | 8.3 | 2.2 | 2.0 | 4.9 | 0 | 0 | 0 | 0 | 42.5 | 10.7 | 10 |
| 11 | 0 | 0 | 54.2 | 6.0 | 0 | 1.4 | 0 | 0 | 0.2 | 0 | 20.3 | 0 | 11 |
| 12 | 62.0 | 8.1 | 9.8 | 6.0 | 0.3 | 1.3 | 1.2 | 1.9 | 4.0 | 0 | 1.5 | 0 | 12 |
| 13 | 36.2 | 3.0 | 90.2 | 0 | 7.2 | 5.8 | 0 | 13.7 | 2.2 | 23.4 | 1.3 | 0 | 13 |
| 14 | 2.0 | 0 | 4.2 | 4.6 | 0 | 1.8 | 3.3 | 0.8 | 0.2 | 19.9 | 84.0 | 0.9 | 14 |
| 15 | 5.0 | 19.2 | 33.5 | 0 | 0 | 27.1 | 0 | 0 | 0.6 | 0.4 | 9.8 | 12.2 | 15 |
| 16 | 36.3 | 3.1 | 3.2 | 0 | 0 | 4.9 | 0 | 0 | 4.2 | 1.7 | 0 | 3.4 | 16 |
| 17 | 13.2 | 14.2 | 0 | 0 | 0 | 0 | 0.7 | 0 | 12.9 | 4.9 | 4.1 | 44.5 | 17 |
| 18 | 8.0 | 6.9 | 2.1 | 0 | 0 | 3.7 | 3.1 | 0 | 11.5 | 5.5 | 3.0 | 0.9 | 18 |
| 19 | 1.2 | 12.0 | 4.0 | 0 | 0 | 0 | 7.8 | 0 | 1.2 | 0.5 | 25.6 | 0 | 19 |
| 20 | 0 | 2.2 | 10.0 | 0 | 0 | 0 | 0.8 | 0 | 3.2 | 13.8 | 12.6 | 0 | 20 |
| 21 | 1.2 | 0 | 7.6 | 0 | 4.0 | 6.6 | 4.7 | 0 | 6.0 | 0.3 | 43.9 | 0 | 21 |
| 22 | 0 | 1.8 | 10.2 | 0 | 37.0 | 0.7 | 0.4 | 0 | 0.2 | 5.0 | 3.7 | 0 | 22 |
| 23 | 1.2 | 0 | 0 | 0 | 6.6 | 0.6 | 2.0 | 0 | 4.1 | 20.1 | 5.4 | 0 | 23 |
| 24 | 14.2 | 0 | 15.2 | 0 | 3.8 | 1.3 | 0.1 | 0 | 8.1 | 4.1 | 12.5 | 0 | 24 |
| 25 | 27.8 | 0 | 0 | 4.0 | 3.4 | 0.7 | 0 | 0 | 4.0 | 1.1 | 9.7 | 0 | 25 |
| 26 | 4.0 | 0 | 0 | 3.0 | 0 | 0.8 | 0 | 0 | 4.5 | 23.0 | 14.3 | 20.1 | 26 |
| 27 | 0 | 0 | 0 | 12.6 | 0 | 0.2 | 0 | 0.7 | 4.1 | 0.8 | 3.0 | 25.1 | 27 |
| 28 | 0 | 0 | 0 | 1.0 | 0 | 5.6 | 2.6 | 2.2 | 0.2 | 10.0 | 1.4 | 0.8 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 0.9 | 3.6 | 0.4 | 0 | 3.0 | 9.8 | 29 |
| 30 | 0 | | 0 | 1.0 | 0 | 0 | 0 | 15.5 | 21.5 | 5.1 | 16.6 | 10.1 | 30 |
| 31 | 8.0 | | 0 | | 17.0 | | 0 | 1.9 | | 5.2 | | 3.8 | 31 |
| Sum | 254.5 | 242.1 | 338.2 | 69.2 | 141.9 | 78.7 | 28.5 | 55.2 | 100.7 | 196.0 | 373.5 | 254.3 | |

Annual Total (2,132.8)

Precipitation _____ STATION __Popayan (Machangara)__
__CAUCA__ RIVER, IN THE BASIN OF __CAUCA__ ELEVATION __1,730__ UNIT __mm__ YEAR __1975__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.7 | 0.5 | 37.9 | 0 | 0.2 | 0.5 | 5.2 | 0 | 1.2 | 0 | 0 2 | 25.5 | 1 |
| 2 | 10.5 | 15.3 | 7.3 | 5.3 | 18.6 | 0 | 14.6 | 0 | 0 | 0 | 1.2 | 11.1 | 2 |
| 3 | 1.7 | 72.1 | 7.5 | 17.0 | 34.1 | 14.1 | 9.6 | 0 | 0 | 7.8 | 5.7 | 38.6 | 3 |
| 4 | 0 | 0.9 | 1.7 | 1.3 | 61.8 | 3.0 | 2.9 | 0 | 0 | 0.1 | 4.3 | 0.2 | 4 |
| 5 | 0 | 46.1 | 1.0 | 18.5 | 0.6 | 5.0 | 4.4 | 0 | 0 | 1.1 | 12.3 | 2.0 | 5 |
| 6 | 0 | 8.0 | 8.7 | 1.7 | 3.8 | 26.2 | 3.9 | 0 | 1.4 | 3.7 | 11.6 | 47.4 | 6 |
| 7 | 0 | 11.1 | 15.4 | 0 | 18.6 | 3.7 | 5.7 | 0 | 2.1 | 12.3 | 8.4 | 33.2 | 7 |
| 8 | 0 | 0 | 28.0 | 11.0 | 0.3 | 0.4 | 6.2 | 1.7 | 4.8 | 1.0 | 6.0 | 16.4 | 8 |
| 9 | 0 | 0.8 | 0 | 0.3 | 6.5 | 0 | 10.0 | 0 | 1.0 | 0 | 1.5 | 4.3 | 9 |
| 10 | 0 | 0 | 0 | 37.8 | 0 | 0 | 1.4 | 0 | 11.9 | 2.7 | 51.6 | 1.2 | 10 |
| 11 | 0 | 0 | 0 | 2.0 | 5.1 | 0 | 42.3 | 0 | 0 | 11.6 | 24.1 | 0.5 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0 | 0 | 0 | 2.6 | 7.5 | 0 | 12 |
| 13 | 0 | 0.2 | 14.1 | 0 | 12.2 | 0 | 0.3 | 0.8 | 0 | 24.9 | 3.3 | 0 | 13 |
| 14 | 0.1 | 0 | 2.7 | 0 | 1.0 | 0 | 17.8 | 0 | 1.6 | 1.4 | 8.5 | 0.6 | 14 |
| 15 | 0 | 3.2 | 7.6 | 2.3 | 15.0 | 0 | 0.4 | 0 | 0.3 | 15.4 | 5.4 | 39.0 | 15 |
| 16 | 0.2 | 0 | 20.4 | 3.2 | 10.3 | 0 | 4.0 | 0 | 0 | 12.2 | 63.6 | 9.6 | 16 |
| 17 | 19.6 | 6.2 | 9.8 | 0 | 0.8 | 0 | 0.6 | 0 | 1.6 | 3.5 | 2.0 | 6.6 | 17 |
| 18 | 0 | 1.2 | 0.2 | 0 | 1.6 | 0.5 | 0 | 0 | 13.9 | 1.5 | 4.7 | 9.9 | 18 |
| 19 | 0 | 15.9 | 0 | 0.2 | 0.5 | 0 | 0 | 21.1 | 57.5 | 11.0 | 1.0 | 5.1 | 19 |
| 20 | 0.4 | 19.7 | 15.5 | 0 | 0 | 0 | 0 | 3.1 | 7.4 | 1.2 | 18.9 | 46.4 | 20 |
| 21 | 3.8 | 5.4 | 0 | 0.3 | 0.7 | 1.9 | 0 | 1.0 | 1.2 | 5.0 | 0.9 | 30.0 | 21 |
| 22 | 22.0 | 16.5 | 0 | 0 | 5.4 | 6.1 | 0 | 0 | 10.1 | 3.8 | 9.8 | 15.5 | 22 |
| 23 | 0 | 11.1 | 1.5 | 0 | 3.3 | 3.3 | 0 | 2.6 | 8.6 | 0 | 44.4 | 32.9 | 23 |
| 24 | 0.3 | 3.3 | 0.3 | 10.3 | 2.3 | 0 | 0 | 0.4 | 8.1 | 0.5 | 21.0 | 1.8 | 24 |
| 25 | 13.4 | 20.0 | 7.1 | 11.6 | 2.8 | 10.9 | 0 | 10.0 | 0.8 | 7.1 | 0.3 | 39.3 | 25 |
| 26 | 10.3 | 1.6 | 0 | 6.1 | 6.7 | 0 | 0 | 2.8 | 0.8 | 13.7 | 23.7 | 34.0 | 26 |
| 27 | 0 | 1.5 | 0 | 73.4 | 0 | 3.8 | 0.7 | 7.2 | 0 | 5.5 | 25.9 | 9.0 | 27 |
| 28 | 0 | 5.6 | 0 | 12.9 | 9.5 | 0.2 | 0.8 | 10.6 | 0 | 34.0 | 34.4 | 37.9 | 28 |
| 29 | 0 |  | 2.2 | 1.3 | 1.2 | 12.9 | 0 | 10.0 | 0 | 0 | 6 3 | 5.0 | 29 |
| 30 | 0 |  | 0.8 | 0 | 5.3 | 4.9 | 0 | 5.6 | 0 | 8.5 | 31.7 | 9.9 | 30 |
| 31 | 0 |  | 6.7 |  | 8.9 |  | 0 | 0 |  | 9.4 |  | 0 | 31 |
| Sum | 112.0 | 266.2 | 196.4 | 216.5 | 237.3 | 97.4 | 135.8 | 76.9 | 134.3 | 201.7 | 434.2 | 512.9 |  |

Annual Total (2,621.6)

Precipitation _____ STATION __Popayan (Machangara)__
__CAUCA__ RIVER, IN THE BASIN OF __CAUCA__ ELEVATION __1,730__ UNIT __mm__ YEAR __1976__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.4 | 0 | 0 | 0 | 16.6 |  | 0 | 2.2 |  |  |  |  | 1 |
| 2 | 7.0 | 8.8 | 18.3 | 0 | 1.5 |  | 0 | 0.5 |  |  |  |  | 2 |
| 3 | 9.2 | 0 | 0.8 | 0 | 0.5 |  | 0 | 0 |  |  |  |  | 3 |
| 4 | 2.6 | 16.1 | 11.7 | 0 | 49.3 |  | 0 | 0 |  |  |  |  | 4 |
| 5 | 16 7 | 10.4 | 29 0 | 0 | 1.5 |  | 0 | 0 |  |  |  |  | 5 |
| 6 | 0.4 | 9.0 | 2.7 | 0 | 0.1 |  | 0 | 0 |  |  |  |  | 6 |
| 7 | 0 | 19.9 | 15.3 | 0.2 | 4.0 |  | 0 | 0 |  |  |  |  | 7 |
| 8 | 27.7 | 0 | 1.3 | 1.0 | 2.1 |  | 0.1 | 0 |  |  |  |  | 8 |
| 9 | 1.0 | 0.4 | 0 | 4.3 | 0 |  | 0 | 0 |  |  |  |  | 9 |
| 10 | 0 | 15.9 | 21.5 | 9.4 | 0 |  | 0.4 | 0 |  |  |  |  | 10 |
| 11 | 0 | 13.9 | 10.6 | 0.3 | 0 |  | 0 | 0 |  |  |  |  | 11 |
| 12 | 0 | 3.4 | 19.3 | 7.9 | 0 |  | 0 | 0 |  |  |  |  | 12 |
| 13 | 0 | 10.0 | 0.1 | 33.3 | 0 |  | 0 | 0 |  |  |  |  | 13 |
| 14 | 0 | 12.4 | 7.4 | 28.2 | 2.0 |  | 0 . | 1.4 |  |  |  |  | 14 |
| 15 | 0 | 4.1 | 0.4 | 9.6 | 0 |  | 0 | 0 |  |  |  |  | 15 |
| 16 | 0.3 | 13.1 | 0 | 28.7 | 6.8 |  | 0 | 0 |  |  |  |  | 16 |
| 17 | 0 | 0 | 4.8 | 0.1 | 4.4 |  | 0 | 7.3 |  |  |  |  | 17 |
| 18 | 7.7 | 0 | 0 | 0.3 | 1.0 |  | 0 | 7.0 |  |  |  |  | 18 |
| 19 | 0 | 21.5 | 1.0 | 0 | 0.3 |  | 0 | 1.7 |  |  |  |  | 19 |
| 20 | 0 | 20.6 | 5.7 | 24.1 | 0 |  | 0 | 0.5 |  |  |  |  | 20 |
| 21 | 0 | 0.8 | 12.7 | 1.6 | 0 |  | 0 | 0.4 |  |  |  |  | 21 |
| 22 | 0 | 4.1 | 4.0 | 1.6 | 0 |  | 0 | 0 |  |  |  |  | 22 |
| 23 | 0 | 7.5 | 21.7 | 0.7 | 0.5 |  | 0 | 0 |  |  |  |  | 23 |
| 24 | 0 | 0.1 | 62.8 | 6.8 | 6.2 |  | 0 | 0 |  |  |  |  | 24 |
| 25 | 0 | 0.9 | 0 | 32.2 | 5.2 |  | 0 | 0 |  |  |  |  | 25 |
| 26 | 1.8 | 3.0 | 34.2 | 18.0 | 2.5 |  | 0 | 0 |  |  |  |  | 26 |
| 27 | 8.2 | 24.8 | 10.4 | 3.3 | 0.5 |  | 0 | 0 |  |  |  |  | 27 |
| 28 | 0.5 | 0 | 6.4 | 15.8 | 6.8 |  | 0 | 0 |  |  |  |  | 28 |
| 29 | 11.9 | 1.2 | 9.1 | 5.5 | 0.6 |  | 0 | 0 |  |  |  |  | 29 |
| 30 | 35.8 |  | 0 | 0.5 | 0.4 |  | 0 | 0 |  |  |  |  | 30 |
| 31 | 0 |  | 4.5 |  | 0 |  | 0 | 0 |  |  |  |  | 31 |
| Sum | 137.2 | 221.9 | 315.7 | 233.4 | 112.8 |  | 0.5 | 21.0 |  |  |  |  |  |

Annual Total ( )

**Precipitation** STATION Popayan (Machangara)
CAUCA RIVER, IN THE BASIN OF CAUCA   ELEVATION  1,730 UNIT  mm YEAR  1977

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 2.2 | | | | | | | 2.7 | | 1 |
| 2 | . | | | 54.0 | | | | | | | 37.3 | | 2 |
| 3 | | | | 16.4 | | | | | | | 3.9 | | 3 |
| 4 | | | | 2.9 | | | | | | | 3.9 | | 4 |
| 5 | | | | 0 | | | | | | | 5.5 | | 5 |
| 6 | | | | 10.2 | | | | | | | 18.7 | | 6 |
| 7 | | | | 0.1 | | | | | | | 4.8 | | 7 |
| 8 | | | | 1.2 | | | | | | | 0 | | 8 |
| 9 | | | | 0 | | | | | | | 3.8 | | 9 |
| 10 | | | | 0 | | | | | | | 0.4 | | 10 |
| 11 | | | | 0 | | | | | | | 30.1 | | 11 |
| 12 | | | | 0 | | | | | | | 59.6 | | 12 |
| 13 | | | | 0 | | | | | | | 24.2 | | 13 |
| 14 | | | | 0.5 | | | | | | | 0 | | 14 |
| 15 | | | | 0 | | | | | | | 2.1 | | 15 |
| 16 | | | | 4.2 | | | | | | | 0 | | 16 |
| 17 | | | | 0.4 | | | | | | | 37.5 | | 17 |
| 18 | | | | 0 | | | | | | | 5.9 | | 18 |
| 19 | | | | 0 | | | | | | | 1.6 | | 19 |
| 20 | | | | 0 | | | | | | | 2.7 | | 20 |
| 21 | | | | 0.8 | | | | | | | 9.0 | | 21 |
| 22 | | | | 0.5 | | | | | | | 31.7 | | 22 |
| 23 | | | | 30.7 | | | | | | | 6.0 | | 23 |
| 24 | | | | 0 | | | | | | | 0.2 | | 24 |
| 25 | | | | 19.3 | | | | | | | 0 | | 25 |
| 26 | | | | 9.8 | | | | | | | 0.4 | | 26 |
| 27 | | | | 20.7 | | | | | | | 0 | | 27 |
| 28 | | | | 23.7 | | | | | | | 0 | . | 28 |
| 29 | | | | 11.1 | | | | | | | 0 | | 29 |
| 30 | | | | 0.1 | | | | | | | 36.0 | | 30 |
| 31 | | | | | | | | | | | | | 31 |
| Sum | | | | 208.8 | | | | | | | 328.9 | | |

Annual Total ( )

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**Precipitation** STATION FLORIDA
CAUCA RIVER, IN THE BASIN OF CAUCA   ELEVATION  1,730 UNIT  mm YEAR  1969

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 2.8 | 0 | 2.4 | 19.2 | 2.2 | 5.2 | 25.8 | 0 | 18.6 | 0.2 | 5.2 | 1 |
| 2 | 6.4 | 0 | 0 | 0.2 | 7.8 | 2.2 | 0 | 0.2 | 0 | 2.6 | 0.6 | 0.6 | 2 |
| 3 | 0 | 0 | 7.8 | 0 | 23.0 | 21.2 | 0 | 0 | 0 | 31.6 | 9.6 | 0.4 | 3 |
| 4 | 0 | 5.0 | 0 | 2.8 | 11.2 | 38.8 | 0 | 0 | 0 | 5.6 | 0 | 1.6 | 4 |
| 5 | 0 | 0 | 0 | 1.4 | 3.8 | 18.8 | 0 | 0 | 0 | 13.0 | 13.4 | 0 | 5 |
| 6 | 0 | 2.4 | 0 | 13.4 | 5.6 | 0.4 | 0 | 0 | 0 | 0.6 | 2.6 | 5.2 | 6 |
| 7 | 0 | 2.4 | 0 | 70.0 | 0 | 7.6 | 0 | 0 | 0 | 24.8 | 20.6 | 5.8 | 7 |
| 8 | 0 | 14.6 | 0 | 0 | 1.8 | 3.8 | 0.4 | 0 | 0 | 9.2 | 12 6 | 0 | 8 |
| 9 | 0 | 15.8 | 0 | 39.2 | 7.8 | 2.0 | 0 | 2.2 | 0 | 4.0 | 10.0 | 13.6 | 9 |
| 10 | 0 | 1.4 | 0 | 0.2 | 0 | 1.6 | 0 | 0.6 | 0 | 0.4 | 3.6 | 1.2 | 10 |
| 11 | 0 | 4.6 | 0 | 0 | 3.2 | 2.0 | 0.4 | 0 | 0.2 | 0 | 3.0 | 1.4 | 11 |
| 12 | 0.2 | 7.2 | 0 | 46.4 | 0 | 1.8 | 0 | 0 | 0 | 15.0 | 1.8 | 66.2 | 12 |
| 13 | 11.0 | 6.6 | 5.6 | 12.8 | 0 | 0 | 0 | 0.4 | 0 | 30.6 | 2.8 | 8.2 | 13 |
| 14 | 2.2 | 10.8 | 7.6 | 30.2 | 0 | 3.2 | 0 | 0 | 0 | 19.8 | 0.4 | 2.2 | 14 |
| 15 | 4.4 | 2.2 | 0 | 4.4 | 2.4 | 0.2 | 0 | 0 | 0 | 107 0 | 6.0 | 0 | 15 |
| 16 | 5.0 | 12.6 | 0 | 19.0 | 0 | 0 | 0 | 5.4 | 0 | 1.6 | 2.0 | 0 | 16 |
| 17 | 1.8 | 24.6 | 43.2 | 17.0 | 24.6 | 0 | 0 | 1.6 | 1.0 | 4.0 | 17.2 | 0 | 17 |
| 18 | 1.8 | 5.0 | 12.4 | 13.0 | 12.6 | 0 | 0 | 0 | 4.6 | 2.8 | 1.2 | 2.6 | 18 |
| 19 | 17.8 | 2.0 | 0 | 2.4 | 3.2 | 0 | 0 | 0 | 35.4 | 12.0 | 1.0 | 0.2 | 19 |
| 20 | 5.8 | 0 | 0 | 5.6 | 3.8 | 0.4 | 0 | 0 | 0 | 6.0 | 0 | 1.2 | 20 |
| 21 | 3.6 | 0 | 0 | 0 | 3.8 | 0 | 0 | 2.8 | 5.0 | 17.4 | 6.6 | 22.0 | 21 |
| 22 | 4.3 | 0 | 0 | 0 | 1.2 | 0 | 0 | 9.6 | 1.6 | 0.6 | 9.2 | 4.0 | 22 |
| 23 | 1.4 | 0.2 | 0 | 11.8 | 0.4 | 0 | 0 | 0 | 0 | 48.6 | 0 | 9.0 | 23 |
| 24 | 16.0 | 0 | 0 | 2.6 | 2.4 | 0 | 0 | 4.6 | 2.0 | 81.6 | 15.2 | 5.4 | 24 |
| 25 | 29.2 | 33.6 | 0 | 21.2 | 0 | 0 | 0 | 0 | 1.4 | 10.0 | 0.6 | 0 | 25 |
| 26 | 1.8 | 1.4 | 0 | 11.2 | 0 | 0 | 0 | 0 | 5.4 | 7.0 | 1.8 | 0 | 26 |
| 27 | 2.0 | 8.2 | 1.0 | 0.2 | 0 | 3.0 | 0 | 2.6 | 0.8 | 82.4 | 17.2 | 0 | 27 |
| 28 | 17.4 | 0 | 0.2 | 0 | 0.2 | 3.8 | 0 | 0 | 20.8 | 3.0 | 9.6 | 6.4 | 28 |
| 29 | 0 | | 0.6 | 0 | 0.2 | 0 | 0 | 0 | 56.2 | 2.4 | 4.0 | 0 | 29 |
| 30 | 0 | | 7.2 | 6.8 | 0 | 15.0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 1.0 | | 13.2 | 2.0 | | 1.0 | | 0 | 31 |
| Sum | 133.1 | 163.4 | 85.6 | 334.2 | 139.2 | 128.0 | 19.2 | 57.8 | 140.4 | 562.2 | 172.8 | 162.4 | |

Annual Total (2,098.3)

**CAUCA RIVER, IN THE BASIN OF CAUCA** ELEVATION 1,730 UNIT mm YEAR 1970

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 6.0 | 6.0 | 0 | 6.2 | | 0 | 0.2 | 1.8 | 11.4 | 2.0 | 14.6 | 1 |
| 2 | 0 | 3.6 | 21.2 | 0 | 1.0 | | 0 | 0 | 0 | 15.0 | 33.0 | 20.8 | 2 |
| 3 | 0 | 31.4 | 36.0 | 0 | 0.8 | | 0 | 0 | 0.3 | 14.4 | 31.4 | 1.2 | 3 |
| 4 | 0 | 7.4 | 15.0 | 5.4 | 0 | | 0 | 0 | 2.2 | 11.8 | 5.6 | 25.4 | 4 |
| 5 | 0 | 26.0 | 3.0 | 0 | 1.0 | | 0 | 7.2 | 0 | 0.8 | 50.4 | 1.0 | 5 |
| 6 | 0 | 0.8 | 32.6 | 0 | 9.0 | | 0 | 0 | 0 | 12.6 | 29.6 | 4.0 | 6 |
| 7 | 0 | 35.0 | 10.4 | 0 | 8.4 | | 0 | 0 | 0 | 4.8 | 3.6 | 0 6 | 7 |
| 8 | 0 | 25.4 | 9.4 | 1.2 | 1.6 | | 4.4 | 0 | 0 | 16.8 | 13.2 | 0.2 | 8 |
| 9 | 0 | 0.4 | 0.6 | 3.0 | 1.8 | | 0.4 | 0 | 1.6 | 5.2 | 31.0 | 0 | 9 |
| 10 | 0 | 0 | 4.2 | 0.8 | 13.2 | | 0.8 | 0 | 0 | 2.2 | 19.0 | 0 | 10 |
| 11 | 0.8 | 0 | 0 | 0 | 1.0 | | 1.0 | 0 | 0 | 0.4 | 37.2 | 9.0 | 11 |
| 12 | 4.6 | 0 | 14.0 | 3.0 | 3.2 | | 7.2 | 0 | 0 | 0 | 2.2 | 9 0 | 12 |
| 13 | 28.6 | 0 | 1.4 | 4.8 | 7.6 | | 0 | 0 | 0 | 0.8 | 3.2 | 0 | 13 |
| 14 | 32.2 | 0 | 5.6 | 12.0 | 2.0 | | 0 | 2.8 | 1.2 | 3.4 | 14.8 | 1.6 | 14 |
| 15 | 9.0 | 0 | 0.4 | 10.6 | 32.4 | | 0 | 0.6 | 4.8 | 0 | 2.6 | 0 | 15 |
| 16 | 0 | 0 | 13.4 | 0 | 12.6 | | 7.0 | 0 | 0 | 0 | 10.0 | 22.6 | 16 |
| 17 | 8.0 | 3.4 | 0 | 4.8 | 20.0 | | 0 | 0 | 0 | 0 | 9.2 | 6.6 | 17 |
| 18 | 43.8 | 32.6 | 0 | 10.6 | 3.6 | | 0 | 0 | 0 | 0 | 46.4 | 0 | 18 |
| 19 | 30.0 | 0.4 | 0 | 0 | 36.2 | | 0 | 0 | 6.4 | 0 | 7 6 | 0 | 19 |
| 20 | 2.4 | 59.2 | 0.2 | 0 | 0.8 | | 8.3 | 1.4] | 0 | 6.0 | 19.6 | 4 4 | 20 |
| 21 | 1.6 | 28.0 | 0 | 2.6 | 1.8 | | 3.0 | 0 | 16.8 | 0 | 5.4 | 48 2 | 21 |
| 22 | 0 | 0.4 | 0 | 0 | 3.8 | | 2.0 | 0 | 11.8 | 8.4 | 6.8 | 65 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 4.0 | | 0 | 0 | 4.6 | 7.4 | 9 2 | 7.2 | 23 |
| 24 | 0.8 | 2.2 | 0.2 | 0.2 | 0 | | 0 | 0 | 7.8 | 1.8 | 9.8 | 0 | 24 |
| 25 | 20.4 | 24 0 | 0 | 8.6 | 0.6 | | 0 | 6.4 | 10.2 | 50.2 | 22 6 | 0 | 25 |
| 26 | 1.6 | 4.4 | 0 | 0.2 | 4.8 | | 0 | 11.8 | 0 | 2.4 | 1.0 | 0 | 26 |
| 27 | 1.0 | 1.4 | 0 | 0 | 0.4 | | 1.2 | 10.6 | 0.2 | 11.2 | 6.0 | 2.0 | 27 |
| 28 | 0.2 | 4.0 | 1.0 | 0.2 | 41.4 | | 28.0 | 3.0 | 0 | 0.4 | 0 | 17.8 | 28 |
| 29 | 0 | | 3.4 | 1.0 | 0.8 | | 1.0 | 17.0 | 50.0 | 3.2 | 25.4 | 3.6 | 29 |
| 30 | 0 | | 2.0 | 0.4 | 7.8 | | 3.0 | 32.0 | 0 | 0 | 2.6 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0.4 | 3.2 | | 15.2 | | 0 | 31 |
| Sum | 185.0 | 296.0 | 179.0 | 69.4 | 227.8 | | 67.7 | 96.2 | 119.7 | 205.8 | 460.4 | 264.8 | |

Annual Total ( )

**CAUCA RIVER, IN THE BASIN OF CAUCA** ELEVATION 1,730 UNIT mm YEAR 1971

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun. | Jul | Aug. | Sep. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 9.2 | 0.4 | 0 | 3.0 | 0 | 0 | 0.4 | 2.4 | 0 | 1 |
| 2 | 0.6 | 8 4 | 1.2 | 9.4 | 1.8 | 0 | 0 | .0 4 | 1.8 | 3.0 | 24.0 | 7 6 | 2 |
| 3 | 0 | 18.6 | 13.0 | 35.0 | 2.0 | 0 | 0 | 0 | 0 | 8.0 | 31.4 | 8.0 | 3 |
| 4 | 1.1 | 7.4 | 1.4 | 3.4 | 6.8 | 0 | 0 8 | 0 | 0 | 8.0 | 7.8 | 8 6 | 4 |
| 5 | 3.8 | 14.0 | 1.0 | 0 | 16.6 | 0 | 0 | 23.2 | 10.0 | 5.0 | 1.6 | 13.0 | 5 |
| 6 | 2.0 | 8.8 | 10.8 | 0.6 | 29.6 | 0 | 0.8 | 0 | 0 | 6.0 | 11.0 | 0 | 6 |
| 7 | 23.1 | 0 | 0 | 0 | 0 | 13.4 | 0 | 12.6 | 2.2 | 0.4 | 0 | 0 | 7 |
| 8 | 10 4 | 22.4 | 20.0 | 8.6 | 31.6 | 1.0 | 0 | 0 | 17.8 | 5.0 | 0.4 | 0 | 8 |
| 9 | 6.7 | 6.8 | 0.6 | 26.6 | 3.2 | 0 | 0 | 1.8 | 13.2 | 5.4 | 29 8 | 0 | 9 |
| 10 | 2.8 | 12.0 | 0 | 2.6 | 0.6 | 7.6 | 0 | 0 | 4.0 | 0 | 8.4 | 2.4 | 10 |
| 11 | 0.2 | 51.0 | 0 | 6.0 | 14.0 | 3.2 | 1.4 | 0 | 6.2 | 40.0 | 0.4 | 9.6 | 11 |
| 12 | 0 5 | 3.0 | 2.0 | 0 | 22.0 | 2.0 | 0 | 0 | 0 | 3.4 | 41 0 | 4 6 | 12 |
| 13 | 7.9 | 1.4 | 24.8 | 0 | 0.8 | 38.0 | 2.0 | 3.6 | 0.6 | 24.8 | 0 | 0 | 13 |
| 14 | 0.3 | 3.0 | 0.6 | 1.0 | 0 | 0.6 | 0.8 | 4.8 | 0 | 0 | 0 | 0 4 | 14 |
| 15 | 4.7 | 1.0 | 0 | 2.6 | 18.2 | 4.4 | 11.8 | 0 | 0 | 0 | 43.5 | 0 | 15 |
| 16 | 0 | 0 | 7.6 | 4.2 | 46.0 | 0 | 0 | 0 | 0 | 10.6 | 1 4 | 0 | 16 |
| 17 | 3.0 | 25.4 | 0.8 | 1.0 | 1.8 | 0 | 0 | 8.0 | 1.6 | 10 6 | 17.0 | 0 8 | 17 |
| 18 | 6.4 | 0.6 | 15.2 | 7.0 | 0.8 | 0 | 0 | 10.4 | 28.8 | 3.8 | 10.6 | 20 0 | 18 |
| 19 | 5.4 | 35.2 | 10.6 | 5.2 | 0 | 1.8 | 0 | 35.0 | 0 | 0.4 | 3.4 | 16.0 | 19 |
| 20 | 1.6 | 34.6 | 6 4 | 0 | 1.4 | 0.8 | 0 | 1.0 | 0 | 3 6 | 10 0 | 0 | 20 |
| 21 | 4.9 | 2.2 | 2.2 | 5.2 | 5.8 | 0 | 0 | 2.8 | 37.8 | 0 | 6.2 | 50.6 | 21 |
| 22 | 4.1 | 0 | 5.8 | 0.8 | 1.0 | 2.0 | 0 | 0.6 | 3.6 | 84.2 | 14.0 | 12.6 | 22 |
| 23 | 0 | 8.4 | 9.0 | 0.8 | 30.8 | 4.0 | 0 | 0 | 4.2 | 12 4 | 4.0 | 23.0 | 23 |
| 24 | 0 | 0 | 13.2 | 2.4 | 25.8 | 0 | 0.8 | 4.0 | 0 | 64.2 | 5.2 | 21.0 | 24 |
| 25 | 1.8 | 0 | 3.6 | 0 | 1.2 | 0 | 0 | 4.0 | 0 | 4.2 | 24.0 | 15.2 | 25 |
| 26 | 1.4 | 0 | 4.4 | 0 | 24.0 | 0 | 0 | 1.4 | 0 | 11.4 | 36.6 | 4.0 | 26 |
| 27 | 0.4 | 0 | 11.0 | 19.6 | 1.0 | 0.4 | 1.4 | 8.0 | 3.4 | 26.6 | 1.4 | 6.6 | 27 |
| 28 | 0 | 0.2 | 1.4 | 37.0 | 0.2 | 30.0 | 0 | 0 | 0.4 | 3.8 | 5.2 | 3.8 | 28 |
| 29 | 3.5 | | 18.2 | 7.0 | 0.8 | 4.2 | 0 | 0 | 0 | 13.6 | 0 | 0.6 | 29 |
| 30 | 2.5 | | 12.4 | 1.4 | 0 | 1.2 | 0 | 0 | 1.2 | 1.4 | 12.8 | 12.4 | 30 |
| 31 | 0.3 | | 9.2 | | 0 | | 0 | 0 | | 4.6 | | 30.0 | 31 |
| Sum | 99.4 | 264.4 | 206.4 | 202.8 | 288.2 | 114.6 | 22.8 | 121.6 | 136.8 | 364.8 | 353.5 | 270.8 | |

Annual Total (2,446 )

Precipitation — STATION __FLORIDA__

__CAUCA__ RIVER, IN THE BASIN OF __CAUCA__   ELEVATION __1,730__  UNIT __mm__  YEAR __1972__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0.6 | 0 | 0 | 0 | 0 | 0 | 1.8 | 0.8 | 5.6 | | 1 |
| 2 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | | 2 |
| 3 | 0 | 0 | 14.8 | 0 | 5.4 | 0 | 0 | 0 | 0 | 33.2 | 22.6 | | 3 |
| 4 | 0 | 0 | 0.2 | 0 | 0.6 | 0 | 0 | 0 | 0 | 0 | 18.8 | | 4 |
| 5 | 0 | 6.0 | 2.2 | 0 | 12.4 | 0 | 0 | 0 | 0 | 0 | 19.8 | | 5 |
| 6 | 1.0 | 0 | 4.4 | 0 | 0 | 0 | 0 | 0 | 0 | 2.2 | 2.0 | | 6 |
| 7 | 10.8 | 2.4 | 7.6 | 0 | 4.2 | 0 | 3.0 | 0 | 0 | 0 | 0.4 | | 7 |
| 8 | 11.2 | 36.4 | 1.4 | 0 | 0.2 | 1.0 | 0.4 | 0 | 0 | 2.2 | 2.4 | | 8 |
| 9 | 0 | 2.2 | 0 | 6.0 | 0 | 0.8 | 1.0 | 0 | 0 | 0 | 0 | | 9 |
| 10 | 0.8 | 7.0 | 0.2 | 13.0 | 2.6 | 14.6 | 2.4 | 0 | 0 | 3.2 | 8.0 | | 10 |
| 11 | 0 | 20 0 | 3.4 | 34.0 | 4.0 | 1.0 | 0 | 0 | 0.8 | 28.4 | 10.6 | | 11 |
| 12 | 0 | 5.8 | 0 | 0 | 0 | 6.6 | 0 | 0 | 0 | 3.0 | 7.2 | | 12 |
| 13 | 5.0 | 4.0 | 0 | 43.0 | 0 | 1.2 | 0.2 | 0 | 0 | 6.6 | 22.0 | | 13 |
| 14 | 15.8 | 1.0 | 0 | 10.0 | 0 | 0.4 | 4.4 | 0 | 0 | 23.6 | 2.2 | | 14 |
| 15 | 0.6 | 0 | 24.8 | 0 | 0.6 | 72.6 | 0 | 0 | 0 | 3.0 | 20.0 | | 15 |
| 16 | 5.0 | 0 | 0.2 | 6.0 | 0 | 0 | 0 | 0 | 0.6 | 0 | 6.8 | | 16 |
| 17 | 8.2 | 0 | 28.2 | 6.0 | 35.8 | 0 | 0 | 0 | 28.4 | 0 | 2.2 | | 17 |
| 18 | 2 0 | 9.4 | 0.6 | 25.0 | 24.6 | 0 | 0 | 25.4 | 0.6 | 0 | 10.2 | | 18 |
| 19 | 10.2 | 0.8 | 0 | 5.0 | 2.6 | 0 | 0 | 5.2 | 0.2 | 0 | 14.0 | | 19 |
| 20 | 8.6 | 0.6 | 5.6 | 41.0 | 9.2 | 0.2 | 0 | 8.2 | 26.4 | 0 | 6.4 | | 20 |
| 21 | 11.8 | 0 | 6.8 | 17.0 | 2.8 | 0 | 0 | 0 | 6.2 | 4.4 | 1.0 | | 21 |
| 22 | 11.0 | 12 0 | 16.4 | 8.0 | 42.6 | 0 | 0 | 4.0 | 0 | 0 | 14.0 | | 22 |
| 23 | 0.2 | 0 | 5.0 | 6.0 | 9.8 | 0 | 0 | 22.0 | 0.8 | 16.4 | 28.6 | | 23 |
| 24 | 4.2 | 0 | 28.6 | 11.0 | 5.4 | 0 | 0 | 0 | 0 | 2.8 | 0.2 | | 24 |
| 25 | 1.5 | 0 | 9.0 | 25.0 | 2.6 | 0 | 0 | 0 | 0 | 2.6 | 0 | | 25 |
| 26 | 6.2 | 0 | 0.8 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.4 | | 26 |
| 27 | 2.7 | 0 | 3.0 | 3.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | | 27 |
| 28 | 15.0 | 4.0 | 18.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.2 | | 28 |
| 29 | 42.6 | 6.0 | 1.8 | 10.0 | 0.4 | 0 | 0.2 | 0.2 | 0.4 | 16.4 | 31.6 | | 29 |
| 30 | 0 | | 10.0 | 6.0 | 0.4 | 0 | 0 | 0 | 8.0 | 4.2 | 42.0 | | 30 |
| 31 | 0 | | 5.2 | | | | | 41.8 | | 34.6 | | | 31 |
| Sum | 174.4 | 119.6 | 200.8 | 294.0 | 167.2 | 98.4 | 11.6 | 106.8 | 76.2 | 187.6 | 322.4 | | |

Annual Total (  )

Precipitation — STATION __FLORIDA__

__CAUCA__ RIVER, IN THE BASIN OF __CAUCA__   ELEVATION __1,730__  UNIT __mm__  YEAR __1973__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 3.2 | 0 | 0 | 22.4 | 2.8 | 0 | 16.4 | 20 6 | 1 |
| 2 | 0 | 0 | 0 | 0.2 | 1.6 | 0 6 | 9.0 | 1.2 | 0 | 0.6 | 18.0 | 43.6 | 2 |
| 3 | 0 | 0 | 7 4 | 63.6 | 5.2 | 0 | 0 | 3.2 | 0 | 9 4 | 0 4 | 4.8 | 3 |
| 4 | 0 | 0 | 7.0 | 2.4 | 4.8 | 0 | 0 | 1.0 | 0 | 2.6 | 8.4 | 6.0 | 4 |
| 5 | 0 | 0 | 0 | 4.8 | 0 | 0.2 | 0 | 2.0 | 0 | 0 6 | 1.4 | 6 4 | 5 |
| 6 | 0 | 0.2 | 10 8 | 4.2 | 0 | 10.6 | 0 | 0.6 | 4.4 | 12.6 | 12.8 | 69.2 | 6 |
| 7 | 0 | 16.6 | 0 | 6.4 | 1.6 | 2.4 | 0 | 0.6 | 1.2 | 6.6 | 0 | 10.8 | 7 |
| 8 | 0 | 5.0 | 1.4 | 7.4 | 5.6 | 3.0 | 0 | 0 | 4.0 | 1.0 | 12.0 | 10.4 | 8 |
| 9 | 0 | 1.0 | 41.2 | 0 | 1.6 | 0 | 0 | 0.4 | 0 | 28.8 | 0 | - 4.4 | 9 |
| 10 | 0 | 0 | 7.0 | 2.0 | 2.2 | 0 | 4.0 | 0 | 0 | 0.6 | 28.4 | 11.2 | 10 |
| 11 | 0 | 0 | 2.0 | 1.6 | 0.2 | 1.6 | 0 | 0 | 1.2 | 0 | 53.2 | 1.6 | 11 |
| 12 | 0 | 0 | 0 | 3.2 | 0 | 10.8 | 0 | 0 | 1.0 | 29.6 | 12.8 | 19.8 | 12 |
| 13 | 0 | 2.4 | 1.6 | 0.8 | 0 | 10.8 | 0 | 0 | 3.2 | 14.6 | 1.2 | 21.2 | 13 |
| 14 | 0.6 | 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 2.6 | 4.2 | 5.0 | 0 | 14 |
| 15 | 0 | 1.6 | 8.0 | 6.6 | 1.2 | 0 | 0 | 1.4 | 25.0 | 1.2 | 21.2 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0.6 | 0 | 1.8 | 50.0 | 18.0 | 2.2 | 0 | 2.0 | 10.0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 26.4 | 13.4 | 0.6 | 1.2 | 17 |
| 18 | 0 | 0 | 0 | 1.4 | 8.6 | 18.6 | 0 | 0 | 15.6 | 0.6 | 16.0 | 17.8 | 18 |
| 19 | 13.6 | 0 | 0.2 | 0 | 44.6 | 4.4 | 0 | 0 | 3.2 | 29.8 | 0 | 0.2 | 19 |
| 20 | 17.6 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0.4 | 7.4 | 1.6 | 14.6 | 2.2 | 20 |
| 21 | 1.0 | 0 | 0 | 0.6 | 13.6 | 0 | 34.0 | 10.2 | 5.6 | 1.8 | 0.4 | 1.8 | 21 |
| 22 | 24.6 | 16.4 | 0 | 8.8 | 3.6 | 4.4 | 0 | 4.2 | 3.4 | 1.0 | 0 | 3.8 | 22 |
| 23 | 0.2 | 0 | 0 | 1.2 | 4.0 | 32.0 | 0 | 0 | 40.6 | 1.9 | 0 | 18.6 | 23 |
| 24 | 0 | 0 | 0.4 | 0.4 | 1.4 | 0 | 38.0 | 0 | 0.8 | 2.0 | 1.0 | 16.0 | 24 |
| 25 | 0.2 | 0 | 1.0 | 33.3 | 0.6 | 0 | 38.0 | 0 | 3.0 | 14.0 | 2.0 | 0 | 25 |
| 26 | 0 | 0.2 | 10.0 | 4.5 | 5.2 | 26.0 | 8.0 | 4.0 | 1.8 | 6.4 | 10.2 | 0 | 26 |
| 27 | 0 | 0 | 3.0 | 0 | 0.2 | 3.4 | 4.0 | 6.0 | 1.0 | 4.2 | 0 | 0.8 | 27 |
| 28 | 0 | 0 | 0.4 | 0.8 | 0 | 2.0 | 8.0 | 19.6 | 0 | 0 | 2.0 | 2.4 | 28 |
| 29 | 0 | | 0 | 1.2 | 0 | 0 | 4.0 | 4.0 | 1.0 | 0 | 12.7 | 3.8 | 29 |
| 30 | 0 | | 0 | 1.4 | 3.6 | 28.0 | 2.6 | 0 | | 14.2 | 28.6 | 19.4 | 30 |
| 31 | 0 | | 16.2 | | 33.4 | | 16.0 | 17.4 | | 0.4 | | 10.0 | 31 |
| Sum | 57.8 | 43.4 | 117.6 | 155.0 | 151.8 | 142.2 | 261.0 | 119.2 | 157.4 | 203.7 | 281.5 | 338.0 | |

Annual Total (2,028.6)

| DATE | Jan. | Feb. | Mar | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16 6 | 11.6 | 0 | 0 | 10.4 | 20 6 | 0 | 0 | 2.0 | 6 0 | 5 0 | 45.0 | 1 |
| 2 | 21.8 | 11 8 | 36 8 | 17.2 | 7.8 | 0 | 0 | 1.0 | 7.0 | 28.0 | 0 | 13 0 | 2 |
| 3 | 0 | 25.0 | 1 0 | 1 6 | 2.8 | 2.4 | 0 2 | 0 | 0 | 28.0 | 0 | 13.0 | 3 |
| 4 | 36 0 | 7.2 | 0.6 | 0 | 4.0 | 0 | 0 | 0 | 0 | 11.0 | 0 | 3 0 | 4 |
| 5 | 8.2 | 2.2 | 0 | 1.0 | 2.4 | 0 | 0 | 0 | 0 | 15 0 | 0 | 12 0 | 5 |
| 6 | 10 0 | 3.2 | 0 | 36.0 | 17.4 | 0 | 0 | 0 | 0 | 2.0 | 2.0 | 0 | 6 |
| 7 | 0.2 | 35.2 | 12.6 | 2.0 | 8.4 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 5 | 7 |
| 8 | 0 | 52.8 | 0 | 1.0 | 1.0 | 0 | 0 | 0 5 | 0 | 0 | 2 0 | 0 5 | 8 |
| 9 | 0 | 23.2 | 42.2 | 1.0 | 0 | 0 | 0 | 2.0 | 0 | 13 0 | 39 0 | 6 0 | 9 |
| 10 | 10.4 | 5.6 | 4.8 | 5.6 | 0.6 | 0 | 0 | 0 | 0 | 0 | 15 0 | 0 | 10 |
| 11 | 0 | 11.2 | 8.8 | 1.2 | 0 | 18.8 | 0 | 0 | 0 | 0 | 65 0 | 15.0 | 11 |
| 12 | 0 | 0.6 | 72 0 | 0 | 0 | 0.2 | 0 | 0 | 3.0 | 0 | 11 0 | 1 0 | 12 |
| 13 | 21.0 | 4.2 | 1.4 | 0 | 0 | 0.8 | 1.0 | 0 | 4.0 | 0 | 11.0 | 0 | 13 |
| 14 | 28.2 | 3.4 | 82.4 | 6.0 | 4.0 | 0 | 0.5 | 34.0 | 0 | 23.0 | 0 | 0 | 14 |
| 15 | 0.4 | 0 | 2 8 | 3.0 | 0 | 10.4 | 10.0 | 0 | 0 | 43.0 | 43 0 | 2.0 | 15 |
| 16 | 15 0 | 17.8 | 21.0 | 0 | 0 | 12.4 | 0 | 0 | 10.0 | 0 | 12.0 | 27.0 | 16 |
| 17 | 39.8 | 0 | 1.8 | 0 | 0 | 3.0 | 0 | 0 | 21.0 | 3.0 | 3.0 | 30.0 | 17 |
| 18 | 17.6 | 14.4 | 0 | 5.2 | 1.0 | 0 | 11.0 | 0 | 3.0 | 1.0 | 11.0 | 0 | 18 |
| 19 | 12.0 | 7.8 | 15.2 | 0 | 0 | 4.6 | 8.0 | 0 | 24.0 | 1.0 | 1.0 | 0 | 19 |
| 20 | 10.0 | 0 | 6.4 | 0 | 0 | 0 | 1.0 | 0 | 6.0 | 0 | 1.0 | 0 | 20 |
| 21 | 1.0 | 8.0 | 5.6 | 0 | 0 | 1.0 | 0.5 | 0 | 1.0 | 0 | 9.0 | 0 | 21 |
| 22 | 10.2 | 0 | 16.0 | 0 | 0.8 | 3.4 | 3.0 | 0 | 2.0 | 0 | 31.0 | 0 | 22 |
| 23 | 0 | 1.0 | 3.8 | 0 | 0 | 0.4 | 6.0 | 0 | 9.0 | 0 | 11.0 | 0 | 23 |
| 24 | 22.2 | 0.6 | 1.0 | 0 | 3.4 | 0 | 0 | 0 | 3.0 | 33.0 | 3.0 | 0 | 24 |
| 25 | 3.2 | 0.4 | 0.2 | 21.2 | 3.6 | 2.8 | 0 | 0 | 3 0 | 12.0 | 5 0 | 0 | 25 |
| 26 | 36.2 | 2.6 | 0.6 | 0.8 | 0 | 0.2 | 0 | 0 | 3.0 | 2.0 | 21.0 | 0 | 26 |
| 27 | 1.2 | 2.6 | 0.6 | 2.0 | 0 | 4.4 | 0 | 0 | 3.0 | 12.0 | 0.5 | 40.0 | 27 |
| 28 | 0 | 0 | 0 | 14.0 | 0 | 0 | 0 | 1.0 | 0 | 1.0 | 0 | 29.0 | 28 |
| 29 | 2.0 | | 0 | 3.0 | 0 | 2.0 | 1.0 | 0 | 7.0 | 3.0 | 2.0 | 0.5 | 29 |
| 30 | 0 | | 0 | 6.8 | | | | | | | | | 30 |
| 31 | 1.6 | | 0 | | 0 | | 0 | 9.0 | | 7.0 | | 9 0 | 31 |
| Sum | 324.8 | 252.4 | 337.6 | 128.6 | 67.6 | 87.4 | 42.2 | 47.5 | 111.0 | 244.5 | 303.5 | 276 5 | |

Annual Total (2,223.6)

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.0 | 0 | 3.0 | 6.0 | 0 | 14.0 | 16.0 | 0 | 0 | 0 | | 27.0 | 1 |
| 2 | 12.0 | 3.0 | 21.0 | 0.5 | 1.0 | 6.0 | 3.0 | 0 | 0.5 | 0 | | 34.0 | 2 |
| 3 | 25 0 | 15.0 | 0.5 | 43.0 | 46.0 | 0 | 20.0 | 0 | 0 | 0 | | 0.7 | 3 |
| 4 | 0 | 34.0 | 16.0 | 0 | 4.0 | 1.0 | 4.0 | 0 | 0 | 0 | | 2.0 | 4 |
| 5 | 0 | 0 | 1.0 | 0.5 | 26.0 | 2.0 | 5.0 | 0 | 0 | 6.0 | | 0 | 5 |
| 6 | 0 | 14.0 | 3.0 | 21.0 | 0.5 | 3.0 | 29.0 | 0 | 0 | 1.0 | | 0.2 | 6 |
| 7 | 0 | 5.0 | 3.0 | 0 | 2.0 | 13.0 | 31.0 | 0 | 1.0 | 1.0 | | 42.0 | 7 |
| 8 | 0 | 11.0 | 11.0 | 10.0 | 38.0 | 1.0 | 7.0 | 00 | 0.5 | 3.0 | | 0 9 | 8 |
| 9 | 0 | 8.0 | 2.0 | 0 | 1.0 | 0 | 0 | 0 | 2.0 | 22.0 | | 0 | 9 |
| 10 | 0 | 1.0 | 0 | 0 | 6.0 | 0 | 34.0 | 0 | 0 | 0.5 | | 14 0 | 10 |
| 11 | 0 | 0 | 0 | 38.0 | 0 | 0 | 6.0 | 0 | 10.5 | 0 | | 0 2 | 11 |
| 12 | 0 | 0 | 0 | 0 | 1.0 | 0 | 12.0 | 0 | 0 | 0.5 | | 0 2 | 12 |
| 13 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0 | | 0 | 13 |
| 14 | 0 | 5.0 | 13.0 | 0 | 34.0 | 0 | 39.0 | 3.0 | 0 | 0 | | 0 | 14 |
| 15 | 0 | 0 | 14.0 | 0 | 4.0 | 0 | 13.0 | 0 | 1.0 | 30.0 | | 0 | 15 |
| 16 | 0 | 4.0 | 24.0 | 8.0 | 13.0 | 0 | 1.0 | 0 | 0 | 0.5 | | 55 0 | 16 |
| 17 | 0 | 0 | 11.0 | 3.0 | 0 | 0 | 1.0 | 0 | 0 | 11.5 | | 15.0 | 17 |
| 18 | 31.0 | 9.0 | 0 | 0 | 21.0 | 0 | 1.0 | 0 | 8.0 | 0 | | 13.0 | 18 |
| 19 | 0 | 0.5 | 1.0 | 0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 | | 0.8 | 19 |
| 20 | 0 | 4.0 | 1.0 | 0 | 1.0 | 0 | 0 | 27.0 | 23.0 | 0.5 | | 0.3 | 20 |
| 21 | 1.0 | 7.0 | 0 | 0 | 0 | 00 | 0 | 3.0 | 4.0 | 0 | | 42.0 | 21 |
| 22 | 3.0 | 13.0 | 0 | 0 | 0.5 | 2.0 | 0 | 1.0 | 1.0 | 3.0 | | 0 7 | 22 |
| 23 | 3.0 | 23.0 | 0 | 0 | 2.0 | 5.0 | 0 | 0 | 8.0 | 3.0 | | 0.8 | 23 |
| 24 | 0 | 36.0 | 12.0 | 0 | 0 | 2.0 | 0 | 1.0 | 0 | 0 | | 24.0 | 24 |
| 25 | 18.0 | 1.0 | 11.0 | 1.0 | 2.0 | 0 | 0 | 0 | 2.0 | 0 | | 0.8 | 25 |
| 26 | 17.0 | 13.0 | 12.0 | 0 | 28.0 | 1.0 | 0 | 14.0 | 14.0 | 0.5 | | 25.0 | 26 |
| 27 | 16.0 | 0.5 | 0 | 7.0 | 0 | 0 | 0 | 1.0 | 0 | 20.0 | | 32.0 | 27 |
| 28 | 0 | 2.0 | 0 | 72.0 | 0 | 0.5 | 1.0 | 0.5 | 2.0 | 19.0 | | 13.0 | 28 |
| 29 | 0 | | 0 | 6.0 | 6.0 | 0.5 | 0 | 10.0 | 0 | 6.2 | | 39.0 | 29 |
| 30 | 0 | | 0 | 0 | 1.0 | 11.0 | 0 | 10.0 | 0 | 2.0 | | 0.2 | 30 |
| 31 | 0 | | 0 | | 22.0 | | 0 | 9.0 | | 15.0 | | 0.2 | 31 |
| Sum | 146.0 | 210.0 | 159.5 | 216.0 | 285.0 | 62.0 | 223.0 | 79.5 | 83.5 | 157.0 | | 383.0 | |

Annual Total ( )

CAUCA  RIVER, IN THE BASIN OF  CAUCA    ELEVATION  2,300  UNIT  mm  YEAR  1961

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 15 | 0 | 3 | | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 1 |
| 2 | 0 | 15 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 2 |
| 3 | 0 | 14 | 0 | 28 | | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 3 |
| 4 | 0 | 5 | 0 | 39 | | 0 | 0 | 0 | 5 | 0 | 15 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 8 | 0 | 40 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 38 | 0 | 85 | 0 | 6 |
| 7 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | | 27 | 0 | 0 | 0 | 0 | 10 | 0 | 8 |
| 9 | 0 | 0 | 47 | 0 | | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | | 11 | 4 | 0 | 0 | 20 | 30 | 0 | 11 |
| 12 | 0 | 0 | 27 | 21 | | 15 | 0 | 0 | 0 | 30 | 32 | 0 | 12 |
| 13 | 0 | 0 | 1 | 0 | | 13 | 0 | 0 | 0 | 15 | 6 | 0 | 13 |
| 14 | 0 | 0 | 5 | 0 | | 15 | 4 | 0 | 5 | 20 | 10 | 0 | 14 |
| 15 | 23 | 0 | 19 | 0 | | 0 | 0 | 0 | 0 | 25 | 50 | 0 | 15 |
| 16 | 10 | 0 | 8 | 0 | | 0 | 0 | 0 | 0 | 15 | 35 | 0 | 16 |
| 17 | 8 | 0 | 4 | 0 | | 0 | 0 | 0 | 0 | 45 | 35 | 0 | 17 |
| 18 | 8 | 0 | 9 | 0 | | 0 | 0 | 0 | 0 | 3 | 20 | 0 | 18 |
| 19 | 4 | 0 | 30 | 0 | | 0 | 0 | 0 | 0 | 48 | 8 | 0 | 19 |
| 20 | 0 | 0 | 3 | 7 | | 0 | 0 | 0 | 0 | 9 | 55 | 0 | 20 |
| 21 | 0 | 0 | 32 | 9 | | 0 | 0 | 0 | 0 | 7 | 17 | 0 | 21 |
| 22 | 0 | 0 | 75 | 4 | | 0 | 0 | 0 | 0 | 30 | 49 | 0 | 22 |
| 23 | 0 | 0 | 0 | 8 | | 0 | 0 | 0 | 0 | 5 | 70 | 0 | 23 |
| 24 | 0 | 0 | 0 | 35 | | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 24 |
| 25 | 10 | 0 | 0 | 39 | | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 25 |
| 26 | 0 | 1 | 0 | 4 | | 0 | 0 | 0 | 0 | 45 | 35 | 0 | 26 |
| 27 | 0 | 1 | 0 | 7 | | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 27 |
| 28 | 10 | 4 | 19 | 0 | | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 28 |
| 29 | 16 | | 0 | 0 | | 0 | 0 | 0 | 0 | 9 | 0 | 3 | 29 |
| 30 | 10 | | 0 | 0 | | 0 | 0 | 0 | 0 | 18 | 0 | 8 | 30 |
| 31 | 20 | | 0 | | | | 0 | 0 | | 28 | | 0 | 31 |
| Sum. | 119 | 55 | 279 | 204 | | 81 | 8 | 0 | 56 | 408 | 839 | 11 | |

Annual Total (     )

CAUCA  RIVER, IN THE BASIN OF _____  ELEVATION _____ UNIT  mm  YEAR  1962

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 11 | 0 | 1 | 13 | 0 | 8 | 15 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | 0 | 1 | 3 | 3 | 2 |
| 3 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 3 | 0 | 4 | 1 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 1 | 0 | 15 | 29 | 1 | 4 |
| 5 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 5 | 0 | 4 | 6 | 0 | 5 |
| 6 | 0 | 0 | 20 | 0 | 4 | 8 | 0 | 29 | 0 | 7 | 61 | 0 | 6 |
| 7 | 0 | 0 | 28 | 0 | 1 | 1 | 0 | 4 | 0 | 2 | 18 | 0 | 7 |
| 8 | 0 | 25 | 58 | 0 | 1 | 9 | 0 | 5 | 0 | 9 | 5 | 0 | 8 |
| 9 | 0 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 9 |
| 10 | 30 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 42 | 2 | 20 | 10 |
| 11 | 25 | 0 | 21 | 0 | 0 | 1 | 0 | 14 | 0 | 5 | 0 | 13 | 11 |
| 12 | 14 | 0 | 0 | 0 | 5 | 31 | 0 | 9 | 0 | 15 | 1 | 90 | 12 |
| 13 | 8 | 0 | 14 | 0 | 0 | 9 | 0 | 0 | 3 | 3 | 25 | 5 | 13 |
| 14 | 3 | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 8 | 9 | 3 | 9 | 14 |
| 15 | 8 | 0 | 0 | 0 | 52 | 2 | 0 | 8 | 0 | 2 | 5 | 2 | 15 |
| 16 | 9 | 0 | 0 | 0 | 11 | 5 | 0 | 3 | 0 | 18 | 10 | 15 | 16 |
| 17 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 18 | 1 | 30 | 10 | 17 |
| 18 | 0 | 0 | 0 | 0 | 5 | 9 | 0 | 0 | 1 | 0 | 70 | 3 | 18 |
| 19 | 0 | 0 | 0 | 0 | 18 | 3 | 0 | 0 | 0 | 0 | 3 | 70 | 19 |
| 20 | 0 | 0 | 8 | 0 | 25 | 18 | 0 | 0 | 8 | 0 | 5 | 85 | 20 |
| 21 | 3 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 5 | 15 | 39 | 21 |
| 22 | 0 | 0 | 35 | 8 | 0 | 55 | 0 | 0 | 0 | 1 | 18 | 8 | 22 |
| 23 | 24 | 0 | 3 | 5 | 0 | 6 | 0 | 0 | 0 | 8 | 0 | 3 | 23 |
| 24 | 13 | 0 | 8 | 8 | 15 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | 24 |
| 25 | 0 | 0 | 5 | 4 | 8 | 3 | 0 | 0 | 5 | 0 | 30 | 21 | 25 |
| 26 | 0 | 0 | 20 | 0 | 20 | 8 | 0 | 0 | 0 | 0 | 2 | 9 | 26 |
| 27 | 0 | 0 | 35 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 27 |
| 28 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 45 | 6 | 28 |
| 29 | 0 | | 0 | 5 | 0 | 0 | 0 | 0 | 9 | 9 | 10 | 0 | 29 |
| 30 | 0 | | 0 | 1 | 0 | 1 | 0 | 0 | 3 | 3 | 5 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 10 | | 1 | 31 |
| Sum. | 137 | 65 | 263 | 51 | 285 | 175 | 4 | 106 | 55 | 202 | 436 | 429 | |

Annual Total ( 2,208 )

Precipitation ———————— STATION __Coconuco____
CAUCA ___ RIVER. IN THE BASIN OF _____ ELEVATION _____ UNIT ____mm____ YEAR _1963_

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 1 | 6 | 5 | 17 | 0 | 3 | 3 | 0 | 5 | 15 | 1 | 1 |
| 2 | 0 | 5 | 7 | 18 | 5 | 0 | 8 | 8 | 0 | 3 | 8 | 3 | 2 |
| 3 | 8 | 3 | 5 | 9 | 8 | 0 | 1 | 2 | 0 | 1 | 64 | 0 | 3 |
| 4 | 15 | 8 | 8 | 3 | 48 | 0 | 5 | 0 | 0 | 0 | 8 | 0 | 4 |
| 5 | 1 | 0 | 9 | 10 | 3 | 0 | 0 | 0 | 0 | 5 | 9 | 0 | 5 |
| 6 | 0 | 0 | 10 | 22 | 18 | 0 | 0 | 8 | 0 | 3 | 15 | 2 | 6 |
| 7 | 5 | 1 | 12 | 2 | 4 | 0 | 0 | 3 | 0 | 0 | 8 | 0 | 7 |
| 8 | 0 | 5 | 21 | 9 | 15 | 5 | 0 | 5 | 0 | 0 | 21 | 0 | 8 |
| 9 | 0 | 3 | 22 | 5 | 8 | 22 | 9 | 10 | 0 | 0 | 3 | 5 | 9 |
| 10 | 0 | 0 | 4 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 8 | 9 | 10 |
| 11 | 0 | 0 | 5 | 15 | 3 | 2 | 1 | 0 | 0 | 5 | 10 | 2 | 11 |
| 12 | 0 | 15 | 29 | 35 | 0 | 49 | 5 | 0 | 0 | 0 | 3 | 0 | 12 |
| 13 | 8 | 8 | 18 | 8 | 2 | 3 | 3 | 0 | 0 | 3 | 20 | 0 | 13 |
| 14 | 5 | 20 | 0 | 3 | 0 | 8 | 0 | 0 | 0 | 5 | 8 | 15 | 14 |
| 15 | 18 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | 3 | 15 |
| 16 | 3 | 3 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 17 | 2 | 0 | 16 |
| 17 | 0 | 24 | 5 | 3 | 15 | 0 | 8 | 3 | 0 | 9 | 5 | 0 | 17 |
| 18 | 25 | 31 | 3 | 1 | 5 | 0 | 1 | 0 | 0 | 4 | 2 | 0 | 18 |
| 19 | 1 | 5 | 9 | 0 | 8 | 1 | 0 | 0 | 0 | 5 | 18 | 5 | 19 |
| 20 | 40 | 5 | 15 | 2 | 3 | 0 | 0 | 0 | 0 | 8 | 5 | 8 | 20 |
| 21 | 15 | 0 | 21 | 20 | 1 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 21 |
| 22 | 9 | 0 | 35 | 5 | 22 | 0 | 0 | 0 | 0 | 1 | 8 | 0 | 22 |
| 23 | 0 | 5 | 18 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 23 |
| 24 | 0 | 28 | 49 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 5 | 5 | 24 |
| 25 | 14 | 13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 8 | 0 | 25 |
| 26 | 45 | 9 | 8 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | 5 | 1 | 26 |
| 27 | 0 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 9 | 27 |
| 28 | 27 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 28 |
| 29 | 35 | | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 29 |
| 30 | 18 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 61 | 21 | 0 | 30 |
| 31 | 9 | | 3 | | 0 | | 0 | 0 | | 29 | | 0 | 31 |
| Sum. | 303 | 204 | 350 | 198 | 197 | 93 | 57 | 42 | 0 | 222 | 291 | 74 | |

Annual Total ( 2,031 )

Precipitation ———————— STATION __Coconuco____
CAUCA ___ RIVER. IN THE BASIN OF _____ ELEVATION _____ UNIT ____mm____ YEAR _1964_

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 0 | 0 | 8 | 3 | 5 | 5 | 0 | 0 | 2 | 15 | 2 | 1 |
| 2 | 3 | 0 | 0 | 3 | 8 | 2 | 2 | 0 | 0 | 0 | 20 | 1 | 2 |
| 3 | 4 | 0 | 0 | 5 | 0 | 10 | 10 | 0 | 0 | 0 | 3 | 0 | 3 |
| 4 | 8 | 0 | 0 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 4 |
| 5 | 5 | 0 | 0 | 8 | 0 | 8 | 8 | 8 | 0 | 0 | 3 | 0 | 5 |
| 6 | 0 | 0 | 0 | 5 | 0 | 4 | 4 | 15 | 0 | 0 | 10 | 8 | 6 |
| 7 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 9 | 0 | 2 | 2 | 20 | 7 |
| 8 | 0 | 0 | 0 | 15 | 3 | 0 | 0 | 3 | 0 | 8 | 5 | 3 | 8 |
| 9 | 0 | 0 | 5 | 45 | 1 | 3 | 3 | 2 | 2 | 10 | 3 | 9 | 9 |
| 10 | 0 | 0 | 3 | 8 | 5 | 9 | 9 | 20 | 5 | 3 | 21 | 3 | 10 |
| 11 | 0 | 0 | 9 | 5 | 3 | 5 | 5 | 8 | 9 | 22 | 8 | 8 | 11 |
| 12 | 0 | 0 | 2 | 2 | 0 | 3 | 3 | 0 | 15 | 5 | 3 | 1 | 12 |
| 13 | 0 | 3 | 5 | 9 | 8 | 15 | 15 | 0 | 0 | 6 | 0 | 0 | 13 |
| 14 | 0 | 0 | 8 | 4 | 0 | 5 | 5 | 5 | 0 | 1 | 7 | 2 | 14 |
| 15 | 0 | 0 | 0 | 10 | 0 | 9 | 9 | 1 | 0 | 4 | 2 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 16 |
| 17 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 8 | 0 | 3 | 3 | 0 | 17 |
| 18 | 0 | 0 | 8 | 11 | 8 | 2 | 2 | 0 | 0 | 8 | 8 | 2 | 18 |
| 19 | 0 | 0 | 1 | 2 | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 3 | 3 | 9 | 0 | 3 | 0 | 2 | 0 | 0 | 2 | 2 | 20 |
| 21 | 0 | 9 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 0 | 21 |
| 22 | 3 | 0 | 5 | 3 | 17 | 0 | 2 | 0 | 0 | 8 | 0 | 3 | 22 |
| 23 | 5 | 0 | 0 | 8 | 8 | 0 | 0 | 2 | 0 | 3 | 4 | 5 | 23 |
| 24 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 9 | 0 | 3 | 24 |
| 25 | 0 | 0 | 10 | 0 | 1 | 0 | 8 | 0 | 0 | 28 | 15 | 8 | 25 |
| 26 | 0 | 0 | 8 | 4 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 26 |
| 27 | 1 | 0 | 9 | 0 | 14 | 10 | 0 | 0 | 0 | 3 | 9 | 0 | 27 |
| 28 | 0 | 0 | 2 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | 28 |
| 29 | 0 | 0 | 19 | 5 | 9 | 0 | 0 | 5 | 0 | 4 | 5 | 2 | 29 |
| 30 | 0 | | 2 | 3 | 0 | 18 | 0 | 0 | 0 | 8 | 0 | 4 | 30 |
| 31 | 0 | | 10 | | 5 | | 0 | 0 | | 0 | | 9 | 31 |
| Sum. | 31 | 15 | 109 | 220 | 105 | 132 | 103 | 88 | 31 | 148 | 162 | 101 | |

Annual Total ( 1,245 )

CAUCA RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT mm YEAR 1965

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 0 | 5 | 5 | 4 | 7 | 1 | | | 2 | 0 | 11 | 1 |
| 2 | 4 | 0 | 0 | 2 | 6 | 0 | 3 | | | 16 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 0 | 3 |
| 4 | 3 | 0 | 3 | 0 | 0 | 0 | 2 | | | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | | | 4 | 0 | 0 | 5 |
| 6 | 0 | 0 | 8 | 5 | 5 | 0 | 0 | | | 0 | 18 | 4 | 6 |
| 7 | 3 | 0 | 4 | 3 | 7 | 0 | 0 | | | 0 | 12 | 42 | 7 |
| 8 | 0 | 0 | 7 | 8 | 2 | 0 | 0 | | | 0 | 0 | 38 | 8 |
| 9 | 0 | 0 | 3 | 9 | 10 | 0 | 0 | | | 0 | 0 | 17 | 9 |
| 10 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | | | 4 | 6 | 2 | 10 |
| 11 | 3 | 0 | 4 | 14 | 33 | 0 | 0 | | | 15 | 15 | 15 | 11 |
| 12 | 0 | 8 | 9 | 5 | 53 | 0 | | | | 1 | 3 | 14 | 12 |
| 13 | 2 | 3 | 10 | 17 | 7 | 0 | | | | 0 | 0 | 4 | 13 |
| 14 | 0 | 0 | 8 | 5 | 9 | 0 | | | | 16 | 11 | 3 | 14 |
| 15 | 0 | 0 | 15 | 4 | 8 | 0 | | | | 2 | 6 | 0 | 15 |
| 16 | 0 | 0 | 0 | 19 | 5 | 0 | | | | 35 | 41 | 0 | 16 |
| 17 | 5 | 0 | 0 | 4 | 9 | 0 | | | 0 | 9 | 3 | 0 | 17 |
| 18 | 15 | 0 | 0 | 2 | 0 | 0 | | | 5 | 16 | 12 | 0 | 18 |
| 19 | 4 | 0 | 2 | 8 | 0 | 0 | | | 0 | 2 | 9 | 0 | 19 |
| 20 | 3 | 0 | 3 | 15 | 3 | 0 | | | 0 | 0 | 14 | 0 | 20 |
| 21 | 8 | 0 | 0 | 3 | 0 | 0 | | | 1 | 0 | 15 | 4 | 21 |
| 22 | 0 | 3 | 0 | 8 | 0 | 0 | | | 0 | 0 | 7 | 0 | 22 |
| 23 | 5 | 8 | 0 | 4 | 0 | 0 | | | 0 | 2 | 22 | 0 | 23 |
| 24 | 5 | 3 | 0 | 0 | 0 | 0 | | | 0 | 0 | 18 | 0 | 24 |
| 25 | 3 | 9 | 0 | 0 | 0 | 0 | | | 0 | 9 | 20 | 5 | 25 |
| 26 | 0 | 0 | 0 | 3 | 0 | 0 | | | 1 | 0 | 12 | 22 | 26 |
| 27 | 0 | 4 | 5 | 8 | 4 | 0 | | | 3 | 13 | 64 | 2 | 27 |
| 28 | 2 | 8 | 3 | 0 | 3 | 0 | | | 4 | 4 | 11 | 0 | 28 |
| 29 | 0 | | 0 | 8 | 0 | 0 | | | 15 | 0 | 37 | 0 | 29 |
| 30 | 0 | | 9 | 3 | 20 | | | | 27 | 0 | 1 | 3 | 30 |
| 31 | 0 | | 2 | | 10 | 3 | | | | 2 | | 40 | 31 |
| Sum. | 67 | 46 | 100 | 162 | 206 | 10 | | | | 152 | 357 | 226 | |

Annual Total (     )

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CAUCA RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT mm YEAR 1966

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 | 0 | 0 | 8 | 9 | 2 | 5 | 0 | 2 | 2 | 15 | 0 | 1 |
| 2 | 3 | 0 | 0 | 4 | 18 | 8 | 0 | 3 | 4 | 5 | 8 | 14 | 2 |
| 3 | 0 | 9 | 0 | 15 | 3 | 0 | 9 | 0 | 8 | 8 | 5 | 58 | 3 |
| 4 | 0 | 0 | 0 | 1 | 25 | 5 | 2 | 0 | 0 | 3 | 16 | 18 | 4 |
| 5 | 0 | 3 | 41 | 3 | 14 | 0 | 1 | 0 | 0 | 28 | 9 | 43 | 5 |
| 6 | 0 | 10 | 28 | 18 | 0 | 4 | 0 | 0 | 0 | 2 | 21 | 81 | 6 |
| 7 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 35 | 7 |
| 8 | 0 | 12 | 2 | 13 | 3 | 5 | 2 | 0 | 3 | 10 | 19 | 49 | 8 |
| 9 | 9 | 0 | 15 | 10 | 18 | 0 | 3 | 0 | 5 | 5 | 29 | 78 | 9 |
| 10 | 0 | 0 | 25 | 0 | 0 | 9 | 5 | 0 | 3 | 3 | 8 | 89 | 10 |
| 11 | 0 | 7 | 82 | 5 | 1 | 0 | 3 | 2 | 0 | 21 | 15 | 45 | 11 |
| 12 | 0 | 0 | 7 | 0 | 0 | 3 | 0 | 1 | 0 | 42 | 19 | 75 | 12 |
| 13 | 0 | 11 | 18 | 0 | 8 | 0 | 45 | 3 | 2 | 2 | 25 | 105 | 13 |
| 14 | 0 | 0 | 0 | 0 | 5 | 7 | 13 | 3 | 25 | 8 | 45 | 95 | 14 |
| 15 | 0 | 0 | 0 | 3 | 18 | 0 | 0 | 9 | 15 | 1 | 29 | 74 | 15 |
| 16 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 16 |
| 17 | 0 | 0 | 0 | 0 | 3 | 17 | 0 | 0 | 15 | 9 | 13 | 53 | 17 |
| 18 | 7 | 0 | 0 | 4 | 5 | 3 | 0 | 0 | 3 | 6 | 19 | 58 | 18 |
| 19 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 53 | 19 | 19 |
| 20 | 0 | 0 | 3 | 0 | 0 | 5 | 0 | 8 | 0 | 0 | 14 | 49 | 20 |
| 21 | 0 | 0 | 7 | 0 | 0 | 8 | 0 | 3 | 3 | 49 | 28 | 117 | 21 |
| 22 | 0 | 0 | 9 | 3 | 0 | 0 | 3 | 1 | 1 | 0 | 1 | 99 | 22 |
| 23 | 0 | 0 | 5 | 9 | 2 | 2 | 0 | 3 | 5 | 8 | 15 | 82 | 23 |
| 24 | 0 | 0 | 0 | 15 | 1 | 9 | 2 | 0 | 0 | 0 | 82 | 2 | 24 |
| 25 | 0 | 0 | 15 | 35 | 0 | 0 | 0 | 0 | 8 | 0 | 3 | 0 | 25 |
| 26 | 0 | 0 | 9 | 19 | 5 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 26 |
| 27 | 0 | 3 | 2 | 0 | 3 | 0 | 0 | 0 | 2 | 3 | 49 | 3 | 27 |
| 28 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 28 |
| 29 | 0 | | 5 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 59 | 1 | 29 |
| 30 | 0 | | 3 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | 85 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 1 | | 0 | | 0 | 31 |
| Sum. | 52 | 68 | 276 | 168 | 152 | 98 | 93 | 37 | 112 | 217 | 725 | 1,357 | |

Annual Total ( 3,355 )

CAUCA RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT _____ mm _____ YEAR 1967

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 15 | 0 | 9 | 2 | 5 | 5 | 1 | 0 | 2 | 28 | 5 | 1 |
| 2 | 2 | 8 | 0 | 15 | 1 | 3 | 3 | 0 | 2 | 0 | 19 | 8 | 2 |
| 3 | 0 | 4 | 8 | 4 | 18 | 10 | 1 | 0 | 4 | 4 | 15 | 30 | 3 |
| 4 | 8 | 11 | 16 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 8 | 18 | 4 |
| 5 | 5 | 5 | 1 | 19 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 19 | 5 |
| 6 | 2 | 8 | 4 | 0 | 0 | 21 | 0 | 3 | 0 | 0 | 18 | 17 | 6 |
| 7 | 12 | 3 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 25 | 35 | 7 |
| 8 | 0 | 9 | 0 | 5 | 0 | 6 | 3 | 4 | 0 | 3 | 15 | 0 | 8 |
| 9 | 11 | 16 | 0 | 0 | 0 | 4 | 0 | 5 | 0 | 5 | 9 | 3 | 9 |
| 10 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 22 | 30 | 0 | 10 |
| 11 | 0 | 8 | 7 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 48 | 5 | 11 |
| 12 | 2 | 0 | 8 | 5 | 20 | 0 | 4 | 0 | 11 | 30 | 40 | 25 | 12 |
| 13 | 10 | 0 | 0 | 21 | 0 | 1 | 9 | 0 | 0 | 5 | 45 | 14 | 13 |
| 14 | 5 | 8 | 0 | 8 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 3 | 14 |
| 15 | 0 | 5 | 5 | 15 | 21 | 0 | 8 | 1 | 0 | 2 | 35 | 37 | 15 |
| 16 | 0 | 18 | 0 | 9 | 0 | 0 | 1 | 4 | 0 | 4 | 42 | 9 | 16 |
| 17 | 0 | 3 | 15 | 58 | 14 | 25 | 0 | 8 | 3 | 0 | 9 | 15 | 17 |
| 18 | 8 | 11 | 16 | 38 | 18 | 4 | 0 | 0 | 0 | 8 | 7 | 0 | 18 |
| 19 | 0 | 8 | 18 | 29 | 0 | 0 | 1 | 0 | 0 | 5 | 65 | 15 | 19 |
| 20 | 0 | 12 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 20 | 20 |
| 21 | 2 | 4 | 0 | 9 | 0 | 0 | 5 | 0 | 1 | 25 | 10 | 0 | 21 |
| 22 | 0 | 2 | 2 | 3 | 2 | 3 | 0 | 2 | 0 | 0 | 55 | 13 | 22 |
| 23 | 0 | 6 | 0 | 5 | 1 | 0 | 4 | 0 | 0 | 2 | 85 | 5 | 23 |
| 24 | 0 | 18 | 0 | 68 | 0 | 0 | 0 | 9 | 4 | 5 | 37 | 9 | 24 |
| 25 | 8 | 3 | 4 | 12 | 2 | 0 | 0 | 3 | 0 | 11 | 77 | 4 | 25 |
| 26 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 15 | 18 | 0 | 26 |
| 27 | 8 | 1 | 0 | 22 | 35 | 0 | 0 | 0 | 2 | 1 | 29 | 37 | 27 |
| 28 | 3 | 0 | 1 | 13 | 3 | 0 | 0 | 8 | 0 | 21 | 51 | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 25 | 1 | 17 | 29 |
| 30 | 5 | | 3 | 18 | 0 | 1 | 0 | 5 | 3 | 5 | 1 | 0 | 30 |
| 31 | 15 | | 21 | | 0 | | 0 | 0 | | 1 | | 0 | 31 |
| Sum. | 116 | 186 | 129 | 441 | 147 | 89 | 48 | 67 | 36 | 210 | 926 | 363 | |

Annual Total ( 2,758 )

CAUCA RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT _____ mm _____ YEAR 1968

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 63 | 5 | 4 | 15 | 25 | 2 | 1 | 8 | 2 | 5 | 2 | 1 |
| 2 | 3 | 13 | 61 | 8 | 3 | 14 | 1 | 0 | 20 | 3 | 8 | 8 | 2 |
| 3 | 0 | 18 | 3 | 9 | 8 | 9 | 5 | 0 | 3 | 0 | 11 | 4 | 3 |
| 4 | 0 | 29 | 18 | 25 | 4 | 10 | 0 | 3 | 4 | 0 | 70 | 15 | 4 |
| 5 | 0 | 56 | 22 | 0 | 0 | 10 | 0 | 2 | 8 | 0 | 3 | 1 | 5 |
| 6 | 0 | 13 | 15 | 0 | 5 | 8 | 0 | 0 | 3 | 6 | 28 | 0 | 6 |
| 7 | 0 | 5 | 0 | 5 | 71 | 0 | 1 | 0 | 0 | 15 | 0 | 0 | 7 |
| 8 | 0 | 17 | 20 | 2 | 40 | 3 | 0 | 0 | 8 | 10 | 74 | 0 | 8 |
| 9 | 0 | 0 | 3 | 0 | 8 | 1 | 5 | 8 | 4 | 2 | 18 | 0 | 9 |
| 10 | 0 | 1 | 2 | 0 | 5 | 0 | 10 | 0 | 0 | 0 | 1 | 2 | 10 |
| 11 | 0 | 0 | 12 | 15 | 55 | 0 | 8 | 4 | 0 | 5 | 0 | 7 | 11 |
| 12 | 0 | 0 | 1 | 8 | 13 | 0 | 3 | 3 | 0 | 8 | 2 | 4 | 12 |
| 13 | 3 | 5 | 0 | 0 | 0 | 3 | 0 | 5 | 5 | 1 | 35 | 0 | 13 |
| 14 | 13 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | 0 | 14 |
| 15 | 0 | 0 | 0 | 65 | 15 | 0 | 18 | 0 | 3 | 0 | 39 | 45 | 15 |
| 16 | 18 | 0 | 3 | 8 | 5 | 0 | 10 | 0 | 8 | 0 | 11 | 25 | 16 |
| 17 | 0 | 5 | 3 | 5 | 15 | 15 | 4 | 0 | 1 | 2 | 15 | 5 | 17 |
| 18 | 13 | 0 | 0 | 8 | 16 | 3 | 1 | 0 | 2 | 0 | 3 | 2 | 18 |
| 19 | 0 | 8 | 4 | 3 | 25 | 4 | 0 | 0 | 3 | 9 | 8 | 0 | 19 |
| 20 | 3 | 21 | 0 | 25 | 8 | 0 | 8 | 0 | 12 | 0 | 20 | 0 | 20 |
| 21 | 0 | 0 | 4 | 0 | 3 | 1 | 2 | 0 | 29 | 0 | 31 | 1 | 21 |
| 22 | 0 | 12 | 14 | 0 | 0 | 8 | 0 | 0 | 8 | 4 | 8 | 0 | 22 |
| 23 | 8 | 5 | 4 | 2 | 4 | 0 | 0 | 1 | 3 | 0 | 4 | 24 | 23 |
| 24 | 15 | 14 | 0 | 1 | 9 | 0 | 1 | 0 | 4 | 25 | 8 | 3 | 24 |
| 25 | 35 | 35 | 5 | 3 | 0 | 3 | 3 | 0 | 5 | 10 | 10 | 5 | 25 |
| 26 | 19 | 4 | 8 | 0 | 0 | 1 | 15 | 8 | 7 | 35 | 15 | 0 | 26 |
| 27 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 27 |
| 28 | 0 | 6 | 1 | 0 | 18 | 0 | 9 | 3 | 0 | 15 | 1 | 2 | 28 |
| 29 | 0 | 25 | 0 | 8 | 5 | 0 | 4 | 2 | 22 | 28 | 0 | 0 | 29 |
| 30 | 0 | | 1 | 0 | 2 | 0 | 1 | 5 | 2 | 4 | 1 | 0 | 30 |
| 31 | 0 | | 1 | | 0 | | 5 | 17 | | 0 | | 0 | 31 |
| Sum. | 130 | 358 | 224 | 204 | 355 | 118 | 116 | 64 | 173 | 192 | 437 | 155 | |

Annual Total ( 2,526 )

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 0 | 2 | 2 | 8 | 5 | 0 | 0 | 0 | 9 | 5 | 10 | 1 |
| 2 | 1 | 0 | 1 | 21 | 15 | 17 | 0 | 1 | 0 | 5 | 0 | 1 | 2 |
| 3 | 18 | 0 | 0 | 0 | 2 | 8 | 2 | 0 | 0 | 17 | 0 | 3 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 6 | 0 | 1 | 4 |
| 5 | 0 | 0 | 0 | 0 | 5 | 21 | 0 | 0 | 0 | 25 | 10 | 15 | 5 |
| 6 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 8 | 0 | 6 | 10 | 5 | 6 |
| 7 | 0 | 2 | 5 | 3 | 0 | 4 | 0 | 2 | 0 | 9 | 51 | 3 | 7 |
| 8 | 4 | 0 | 0 | 28 | 0 | 1 | 0 | 0 | 1 | 12 | 25 | 1 | 8 |
| 9 | 8 | 0 | 0 | 40 | 1 | 5 | 0 | 0 | 0 | 0 | 35 | 1 | 9 |
| 10 | 3 | 28 | 0 | 35 | 6 | 0 | 0 | 12 | 0 | 0 | 45 | 14 | 10 |
| 11 | 0 | 0 | 0 | 51 | 1 | 0 | 0 | 4 | 0 | 0 | 4 | 9 | 11 |
| 12 | 0 | 0 | 0 | 4 | 8 | 2 | 0 | 9 | 0 | 9 | 2 | 35 | 12 |
| 13 | 0 | 5 | 0 | 18 | 2 | 0 | 0 | 0 | 12 | 0 | 4 | 4 | 13 |
| 14 | 25 | 0 | 0 | 80 | 3 | 0 | 1 | 15 | 0 | 19 | 0 | 6 | 14 |
| 15 | 4 | 2 | 0 | 60 | 0 | 0 | 0 | 8 | 0 | 27 | 25 | 9 | 15 |
| 16 | 0 | 4 | 0 | 21 | 1 | 0 | 0 | 1 | 0 | 9 | 5 | 1 | 16 |
| 17 | 8 | 3 | 13 | 15 | 5 | 1 | 0 | 15 | 0 | 7 | 4 | 0 | 17 |
| 18 | 8 | 28 | 0 | 8 | 0 | 1 | 2 | 18 | 2 | 15 | 10 | 1 | 18 |
| 19 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 35 | 2 | 4 | 0 | 19 |
| 20 | 4 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 11 | 0 | 0 | 12 | 20 |
| 21 | 18 | 0 | 0 | 45 | 51 | 0 | 0 | 30 | 25 | 0 | 12 | 0 | 21 |
| 22 | 0 | 0 | 1 | 21 | 3 | 0 | 0 | 0 | 15 | 10 | 6 | 0 | 22 |
| 23 | 1 | 4 | 0 | 3 | 65 | 0 | 5 | 0 | 18 | 58 | 10 | 0 | 23 |
| 24 | 35 | 3 | 0 | 39 | 6 | 0 | 2 | 0 | 21 | 37 | 2 | 0 | 24 |
| 25 | 19 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 15 | 14 | 19 | 1 | 25 |
| 26 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 7 | 4 | 0 | 26 |
| 27 | 8 | 0 | 0 | 8 | 9 | 0 | 1 | 0 | 8 | 0 | 0 | 0 | 27 |
| 28 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 5 | 0 | 0 | 27 | 28 |
| 29 | 15 | | 5 | 5 | 1 | 0 | 0 | 0 | 41 | 10 | 0 | 1 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 15 | | 0 | 0 | | 9 | | 0 | 31 |
| Sum. | 183 | 80 | 29 | 530 | 215 | 67 | 16 | 123 | 210 | 326 | 292 | 160 | |

Annual Total ( 2,231 )

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Ang. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 8 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 13 | 47 | 1 |
| 2 | 0 | 0 | 39 | 0 | 2 | 4 | 0 | 0 | 3 | 8 | 23 | 21 | 2 |
| 3 | 0 | 14 | 10 | 0 | 2 | 1 | 0 | 0 | 1 | 6 | 16 | 17 | 3 |
| 4 | 0 | 35 | 21 | 0 | 1 | 2 | 0 | 0 | 7 | 3 | 23 | 0 | 4 |
| 5 | 0 | 11 | 0 | 2 | 0 | 8 | 0 | 0 | 6 | 17 | 29 | 14 | 5 |
| 6 | 0 | 25 | 6 | 3 | 0 | 10 | 0 | 0 | 0 | · 7 | 2 | 6 | 6 |
| 7 | 0 | 2 | 15 | 4 | 2 | 12 | 0 | 0 | 0 | 22 | 10 | 0 | 7 |
| 8 | 0 | 0 | 24 | 0 | 15 | 17 | 10 | 1 | 0 | 42 | 23 | 0 | 8 |
| 9 | 0 | 1 | 1 | 0 | 9 | 7 | 3 | 0 | 0 | 14 | 53 | 1 | 9 |
| 10 | 0 | 0 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 9 | 22 | 15 | 10 |
| 11 | 10 | 0 | 2 | 2 | 1 | 1 | 26 | 0 | 0 | 17 | 2 | 0 | 11 |
| 12 | 16 | 0 | 0 | 19 | 2 | 3 | 0 | 3 | 0 | 0 | 12 | 5 | 12 |
| 13 | 2 | 0 | 0 | 2' | 0 | 1 | 0 | 0 | 0 | 0 | 13 | 0 | 13 |
| 14 | 0 | 0 | 0 | 28 | 12 | 5 | 0 | 0 | 3 | 0 | 10 | 0 | 14 |
| 15 | 25 | 0 | 0 | 14 | 18 | 0 | 0 | 0 | 0 | 10 | 16 | 0 | 15 |
| 16 | 0 | 14 | 0 | 6 | 12 | 0 | 0 | 0 | 0 | 5 | 12 | 0 | 16 |
| 17 | 0 | 12 | 0 | 4 | 17 | 0 | 0 | 0 | 9 | 0 | 11 | 0 | 17 |
| 18 | 3 | 18 | 0 | 2 | 34 | 0 | 0 | 0 | 1 | 0 | 10 | 0 | 18 |
| 19 | 0 | 59 | 0 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 37 | 14 | 19 |
| 20 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | 37 | 20 |
| 21 | 0 | 5 | 0 | 0 | 12 | 0 | 0 | 0 | 4 | 12 | 12 | 18 | 21 |
| 22 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 19 | 17 | 35 | 16 | 22 |
| 23 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 13 | 0 | 23 |
| 24 | 0 | 16 | 0 | 0 | 1 | 0 | 0 | 2 | 6 | 13 | 22 | 0 | 24 |
| 25 | 0 | 4 | 0 | 2 | 12 | 0 | 1 | 0 | 10 | 14 | 12 | 0 | 25 |
| 26 | 1 | 10 | 0 | 1 | 0 | 0 | 2 | 1 | 2 | 18 | 16 | 10 | 26 |
| 27 | 0 | 2 | 0 | 0 | 14 | 0 | 35 | 3 | 6 | 20 | 14 | 5 | 27 |
| 28 | 0 | 5 | 10 | 1 | 3 | 0 | 0 | 0 | 6 | 8 | 0 | 0 | 28 |
| 29 | 0 | | 2 | 0 | 0 | 0 | 7 | 0 | 3 | 2 | 16 | 0 | 29 |
| 30 | 10 | | 0 | 20 | 0 | 0 | 0 | 13 | 22 | 10 | 21 | 0 | 30 |
| 31 | 15 | | 0 | | 0 | | 0 | 0 | | 4 | | 0 | 31 |
| Sum. | 82 | 274 | 159 | 113 | 188 | 71 | 84 | 23 | 120 | 296 | 508 | 226 | |

Annual Total ( 2,144 )

Precipitation — STATION COCONUCO
CAUCA RIVER, IN THE BASIN OF CAUCA — ELEVATION 2,300 — UNIT mm — YEAR 1971

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 8.0 | 2.0 | 26.0 | 25.0 | 0 | 0 | 0 | 0 | 30.0 | 37.0 | 4.0 | 1 |
| 2 | 0 | 20.0 | 2.0 | 40.0 | 20.0 | 1.0 | 0 | 3.0 | 0 | 30.0 | 31.0 | 8.0 | 2 |
| 3 | 5.0 | 8.0 | 13.0 | 6.0 | 22.0 | 0 | 0 | 0 | 0 | 13.0 | 15.0 | 12.0 | 3 |
| 4 | 40.0 | 15.0 | 3.0 | 0 | 15.0 | 1.0 | 0 | 0 | 0 | 23.0 | 19.0 | 7.0 | 4 |
| 5 | 31.0 | 4.0 | 5.0 | 5.0 | 27.0 | 3.0 | 3.0 | 4.0 | 5.0 | 7.0 | 23.0 | 2.0 | 5 |
| 6 | 29.0 | 5.0 | 0 | 5.0 | 3.0 | 2.0 | 4.0 | 0 | 0 | 0 | 19.0 | 0 | 6 |
| 7 | 29.0 | 7.0 | 0 | 2.0 | 7.0 | 2.0 | 9.0 | 0 | 13.0 | 11.0 | 1.0 | 0 | 7 |
| 8 | 14.0 | 31.0 | 5.0 | 2.0 | 17.0 | 0 | 1.0 | 0 | 12.0 | 7.0 | 4.0 | 0 | 8 |
| 9 | 14.0 | 44.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 4.0 | 5.0 | 0 | 0 | 9 |
| 10 | 10.0 | 15.0 | 0 | 0 | 3.0 | 0 | 1.0 | 2.0 | 0 | 34.0 | 0 | 0 | 10 |
| 11 | 8.0 | 34.0 | 16.0 | 0 | 0 | 0 | 6.0 | 6.0 | 0 | 17.0 | 0 | 0 | 11 |
| 12 | 3.0 | 13.0 | 28.0 | 2.0 | 3.0 | 5.0 | 14.0 | 2.0 | 0 | 8.0 | 10.0 | 0 | 12 |
| 13 | 10.0 | 11.0 | 10.0 | 11.0 | 0 | 11.0 | 2.0 | 1.0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 10.0 | 3.0 | 0 | 0 | 5.0 | 4.0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 14 |
| 15 | 9.0 | 10.0 | 0 | 17.0 | 5.0 | 1.0 | 0 | 0 | 0 | 7.0 | 10.0 | 0 | 15 |
| 16 | 35.0 | 20.0 | 4.0 | 9.0 | 7.0 | 2.0 | 0 | 10.0 | 2.0 | 4.0 | 0 | 0 | 16 |
| 17 | 30.0 | 3.0 | 20.0 | 7.0 | 10.0 | 0 | 0 | 2.0 | 1.0 | 27.0 | 22.0 | 0 | 17 |
| 18 | 10.0 | 15.0 | 14.0 | 8.0 | 4.0 | 0 | 0 | 4.0 | 0 | 9.0 | 3.0 | 0 | 18 |
| 19 | 6.0 | 9.0 | 12.0 | 10.0 | 7.0 | 9.0 | 0 | 13.0 | 0 | 3.0 | 12.0 | 10.0 | 19 |
| 20 | 11.0 | 5.0 | 8.0 | 1.0 | 0 | 3.0 | 0 | 2.0 | 1.0 | 0 | 9.0 | 2.0 | 20 |
| 21 | 10.0 | 9.0 | 12.0 | 1.0 | 5.0 | 5.0 | 0 | 1.0 | 9.0 | 0 | 15.0 | 0 | 21 |
| 22 | 0 | 12.0 | 5.0 | 6.0 | 21.0 | 0 | 0 | 1.0 | 0 | 0 | 5.0 | 19.0 | 22 |
| 23 | 0 | 1.0 | 16.0 | 15.0 | 15.0 | 0 | 1.0 | 7.0 | 0 | 20.0 | 12.0 | 21.0 | 23 |
| 24 | 0 | 0 | 7.0 | 0 | 0 | 1.0 | 1.0 | 14.0 | 0 | 3.0 | 17.0 | 0 | 24 |
| 25 | 5.0 | 0 | 10.0 | 0 | 7.0 | 0 | 0 | 1.0 | 0 | 11.0 | 23.0 | 29.0 | 25 |
| 26 | 0 | 0 | 10.0 | 0 | 3.0 | 1.0 | 20.0 | 4.0 | 0 | 8.0 | 12.0 | 28.0 | 26 |
| 27 | 23.0 | 20.0 | 26.0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 4.0 | 15.0 | 27 |
| 28 | 2.0 | 0 | 39.0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 5.0 | 0 | 25.0 | 28 |
| 29 | 7.0 | 0 | 42.0 | 0 | 10.0 | 2.0 | 0 | 0 | 2.0 | 35.0 | 0 | 0 | 29 |
| 30 | 0 | | 35.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 44.0 | 3.0 | 0 | 30 |
| 31 | 0 | | 90.0 | | 0 | | 1.0 | 0 | | 9.0 | | 0 | 31 |
| Sum | 351.0 | 322.0 | 434.0 | 173.0 | 241.0 | 62.0 | 65.0 | 77.0 | 64.0 | 374.0 | 313.0 | 182.0 | |

Annual Total (2,658.0)

Precipitation — STATION COCONUCO
CAUCA RIVER, IN THE BASIN OF CAUCA — ELEVATION 2,300 — UNIT mm — YEAR 1972

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 25.0 | 1 |
| 2 | 10.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 74.0 | 2.0 | 2 |
| 3 | 7.0 | 3.0 | 0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 1.0 | 12.0 | 0 | 3 |
| 4 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 10.0 | 0 | 4 |
| 5 | 0 | 3.0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 7.0 | 5.0 | 0 | 5 |
| 6 | 0 | 36.0 | 7.0 | 0 | 9.0 | 0 | 13.0 | 0 | 0 | 0 | 2.0 | 0 | 6 |
| 7 | 13.0 | 33.0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 1.0 | 0 | 9.0 | 0 | 7 |
| 8 | 2.0 | 45.0 | 3.0 | 1.0 | 19.0 | 16.0 | 0 | 0 | 0 | 0 | 4.0 | 10.0 | 8 |
| 9 | 0 | 104.0 | 0 | 0 | 11.0 | 2.0 | 0 | 0 | 0 | 0 | 8.0 | 13.0 | 9 |
| 10 | 3.0 | 27.0 | 0 | 41.0 | 0 | 0 | 0 | 0 | 2.0 | 8.0 | 0 | 2.0 | 10 |
| 11 | 10.0 | 28.0 | 0 | 12.0 | 1.0 | 15.0 | 0 | 0 | 0 | 10.0 | 4.0 | 0 | 11 |
| 12 | 5.0 | 17.0 | 0 | 24.0 | 0 | 12.0 | 0 | 0 | 0 | 18.0 | 0 | 10.0 | 12 |
| 13 | 0 | 3.0 | 7.0 | 2.0 | 2.0 | 24.0 | 0 | 0 | 0 | 7.0 | 2.0 | 6.0 | 13 |
| 14 | 25.0 | 0 | 0 | 1.0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 35.0 | 0 | 3.0 | 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 15 |
| 16 | 0 | 1.0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 45.0 | 45.0 | 16 |
| 17 | 2.0 | 0 | 10.0 | 15.0 | 6.0 | 0 | 0 | 1.0 | 0 | 0 | 25.0 | 2.0 | 17 |
| 18 | 1.0 | 0 | 12.0 | 3.0 | 13.0 | 0 | 0 | 1.0 | 2.0 | 0 | 17.0 | 11.0 | 18 |
| 19 | 5.0 | 0 | 11.0 | 15.0 | 1.0 | 2.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 19 |
| 20 | 14.0 | 25.0 | 15.0 | 9.0 | 2.0 | 5.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 20 |
| 21 | 34.0 | 2.0 | 39.0 | 10.0 | 20.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 21 |
| 22 | 23.0 | 0 | 15.0 | 1.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 22 |
| 23 | 5.0 | 0 | 12.0 | 30.0 | 23.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 34.0 | 23 |
| 24 | 13.0 | 0 | 5.0 | 60.0 | 16.0 | 0 | 0 | 0 | 0 | 0 | 39.0 | 0 | 24 |
| 25 | 12.0 | 0 | 11.0 | 11.0 | 2.0 | 0 | 0 | 0 | 0 | 3.0 | 2.0 | 10.0 | 25 |
| 26 | 3.0 | 0 | 14.0 | 63.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 11.0 | 0 | 26 |
| 27 | 2.0 | 3.0 | 0 | 2.0 | 7.0 | 0 | 1.0 | 0 | 10.0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 8.0 | 12.0 | 11.0 | 20.0 | 1.0 | 0 | 0 | 0 | 3.0 | 6.0 | 0 | 28 |
| 29 | 3.0 | 1.0 | 46.0 | 5.0 | 0 | 2.0 | 0 | 0 | 0 | 10.0 | 5.0 | 0 | 29 |
| 30 | 0 | | 1.0 | 0 | 0 | 4.0 | 0 | 20.0 | 0 | 25.0 | 30.0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 38.0 | | 15.0 | | 7.0 | 31 |
| Sum | 228.0 | 339.0 | 223.0 | 371.0 | 190.0 | 98.0 | 16.0 | 60.0 | 52.0 | 109.0 | 334.0 | 207.0 | |

Annual Total (2,227.0)

Precipitation — STATION __COCONUCO__

CAUCA RIVER, IN THE BASIN OF __CAUCA__  ELEVATION __2,300__  UNIT __mm__  YEAR __1973__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.0 | 0 | 0 | 5.0 | 10.0 | 0 | 0 | 26.0 | 0 | 0 | 3.0 | 19.0 | 1 |
| 2 | 0 | 0 | 10.0 | 13.0 | 9.0 | 1.0 | 0 | 7.0 | 0 | 1.0 | 5.0 | 30.0 | 2 |
| 3 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 6.0 | 0 | 7.0 | 8.0 | 6.0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 15.0 | 0 | 0 | 8.0 | 4 |
| 5 | 0 | 5.0 | 5.0 | 0 | 30.0 | 0 | 0 | 0 | 14.0 | 7.0 | 7.0 | 23.0 | 5 |
| 6 | 0 | 24.0 | 2.0 | 8.0 | 20.0 | 15.0 | 0 | 0 | 13.0 | 2.0 | 12.0 | 19.0 | 6 |
| 7 | 0 | 15.0 | 5.0 | 11.0 | 17.0 | 2.0 | 0 | 0 | 0 | 2.0 | 10.0 | 29.0 | 7 |
| 8 | 0 | 14.0 | 15.0 | 2.0 | 0 | 0 | 2.0 | 0 | 20.0 | 26.0 | 5.0 | 5.0 | 8 |
| 9 | 0 | 35.0 | 13.0 | 0 | 5.0 | 2.0 | 0 | 0 | 2.0 | 2.0 | 2.0 | 38.0 | 9 |
| 10 | 0 | 15.0 | 7.0 | 19.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 46.0 | 6.0 | 10 |
| 11 | 0 | 0 | 5.0 | 14.0 | 4.0 | 23.0 | 0 | 0 | 8.0 | 0 | 29.0 | 2.0 | 11 |
| 12 | 0 | 0 | 0 | 10.0 | 0 | 7.0 | 0 | 0 | 9.0 | 0 | 12.0 | 4.0 | 12 |
| 13 | 6.0 | 0 | 5.0 | 21.0 | 0 | 2.0 | 0 | 0 | 1.0 | 0 | 9.0 | 3.0 | 13 |
| 14 | 1.0 | 0 | 0 | 11.0 | 10.0 | 0 | 0 | 0 | 5.0 | 7.0 | 15.0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 12.0 | 4.0 | 18.0 | 0 | 2.0 | 27.0 | 49.0 | 21.0 | 3.0 | 15 |
| 16 | 0 | 0 | 0 | 28.0 | 1.0 | 9.0 | 1.0 | 0 | 16.0 | 18.0 | 14.0 | 10.0 | 16 |
| 17 | 0 | 0 | 0 | 3.0 | 10.0 | 10.0 | 0 | 0 | 15.0 | 8.0 | 6.0 | 8.0 | 17 |
| 18 | 24.0 | 0 | 0 | 0 | 6.0 | 18.0 | 0 | 0 | 7.0 | 37.0 | 1.0 | 5.0 | 18 |
| 19 | 2.0 | 0 | 0 | 0 | 12.0 | 1.0 | 0 | 0 | 14.0 | 8.0 | 0 | 4.0 | 19 |
| 20 | 0 | 0 | 0 | 7.0 | 5.0 | 0 | 0 | 7.0 | 7.0 | 19.0 | 15.0 | 9.0 | 20 |
| 21 | 10.0 | 0 | 0 | 0 | 5.0 | 2.0 | 61.0 | 0 | 13.0 | 36.0 | 10.0 | 6.0 | 21 |
| 22 | 0 | 0 | 0 | 0 | 2.0 | 0 | 15.0 | 4.0 | 7.0 | 36.0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 10.0 | 0 | 1.0 | 0 | 17.0 | 26.0 | 0 | 13.0 | 23 |
| 24 | 0 | 0 | 0 | 1.0 | 2.0 | 6.0 | 22.0 | 0 | 8.0 | 1.0 | 6.0 | 2.0 | 24 |
| 25 | 0 | 0 | 10.0 | 37.0 | 0 | 0 | 34.0 | 0 | 6.0 | 0 | 3.0 | 2.0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 3.0 | 5.0 | 36.0 | 0 | 0 | 2.0 | 1.0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 21.0 | 2.0 | 5.0 | 52.0 | 13.0 | 27 |
| 28 | 0 | 0 | 0 | 5.0 | 6.0 | 0 | 7.0 | 18.0 | 3.0 | 38.0 | 44.0 | 9.0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 13.0 | 19.0 | 0 | 51.0 | 25.0 | 6.0 | 29 |
| 30 | 0 | | 0 | 75.0 | 2.0 | 1.0 | 12.0 | 8.0 | 0 | 8.0 | 21.0 | 23.0 | 30 |
| 31 | 7.0 | | 1.0 | | 0 | | 10.0 | 0 | | 0 | | 16.0 | 31 |
| Sum | 54.0 | 108.0 | 78.0 | 283.0 | 183.0 | 122.0 | 183.0 | 154.0 | 229.0 | 394.0 | 383.0 | 322.0 | |

Annual Total (2,493.0)

Precipitation — STATION __COCONUCO__

CAUCA RIVER, IN THE BASIN OF __CAUCA__  ELEVATION __2,300__  UNIT __mm__  YEAR __1974__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.0 | 3.0 | 1.0 | 7.0 | 19.0 | 0 | 0 | 0 | 8.0 | 10.0 | 1.0 | 1.0 | 1 |
| 2 | 2.0 | 35.0 | 1.0 | 7.0 | 6.0 | 5.0 | 0 | 0 | 0 | 13.0 | 0 | 10.0 | 2 |
| 3 | 3.0 | 6.0 | 15.0 | 16.0 | 3.0 | 0 | 0 | 0 | 0 | 11.0 | 0 | 12.0 | 3 |
| 4 | 0 | 9.0 | 5.0 | 8.0 | 10.0 | 0 | 0 | 0 | 0 | 4.0 | 12.0 | 8.0 | 4 |
| 5 | 0 | 24.0 | 2.0 | 27.0 | 25.0 | 0 | 0 | 0 | 0 | 4.0 | 12.0 | 24.0 | 5 |
| 6 | 0 | 7.0 | 20.0 | 10.0 | 44.0 | 0 | 1.0 | 0 | 0 | 11.0 | 9.0 | 9.0 | 6 |
| 7 | 0 | 19.0 | 8.0 | 21.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 7.0 | 1.0 | 7 |
| 8 | 0 | 57.0 | 73.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 12.0 | 3.0 | 8 |
| 9 | 10.0 | 33.0 | 36.0 | 11.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 27.0 | 0 | 9 |
| 10 | 0 | 12.0 | 8.0 | 5.0 | 8.0 | 0 | 0 | 0 | 0 | 1.0 | 49.0 | 0 | 10 |
| 11 | 0 | 23.0 | 11.0 | 7.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 53.0 | 0 | 11 |
| 12 | 19.0 | 7.0 | 77.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 1.0 | 0 | 12 |
| 13 | 20.0 | 7.0 | 8.0 | 0 | 2.0 | 7.0 | 0 | 1.0 | 0 | 5.0 | 5.0 | 0 | 13 |
| 14 | 47.0 | 28.0 | 26.0 | 2.0 | 0 | 0 | 0 | 0 | 6.0 | 10.0 | 9.0 | 2.0 | 14 |
| 15 | 10.0 | 12.0 | 22.0 | 2.0 | 0 | 0 | 1.0 | 0 | 4.0 | 5.0 | 13.0 | 1.0 | 15 |
| 16 | 0 | 5.0 | 14.0 | 2.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 4.0 | 30.0 | 16 |
| 17 | 15.0 | 15.0 | 0 | 0 | 8.0 | 0 | 15.0 | 0 | 1.0 | 7.0 | 26.0 | 0 | 17 |
| 18 | 27.0 | 22.0 | 7.0 | 0 | 0 | 13.0 | 4.0 | 0 | 4.0 | 15.0 | 7.0 | 0 | 18 |
| 19 | 6.0 | 10.0 | 17.0 | 0 | 0 | 0 | 6.0 | 0 | 14.0 | 9.0 | 6.0 | 0 | 19 |
| 20 | 15.0 | 0 | 45.0 | 0 | 1.0 | 0 | 0 | 0 | 3.0 | 7.0 | 13.0 | 0 | 20 |
| 21 | 3.0 | 0 | 21.0 | 0 | 0 | 0 | 6.0 | 0 | 2.0 | 11.0 | 16.0 | 0 | 21 |
| 22 | 6.0 | 1.0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 16.0 | 18.0 | 14.0 | 0 | 22 |
| 23 | 10.0 | 2.0 | 8.0 | 0 | 0 | 0 | 4.0 | 0 | 8.0 | 28.0 | 12.0 | 0 | 23 |
| 24 | 17.0 | 0 | 32.0 | 0 | 0 | 1.0 | 0 | 0 | 6.0 | 13.0 | 8.0 | 0 | 24 |
| 25 | 8.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 11.0 | 19.0 | 23.0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 25.0 | 8.0 | 3.0 | 0 | 0 | 9.0 | 22.0 | 17.0 | 10.0 | 26 |
| 27 | 0 | 0 | 0 | 15.0 | 0 | 0 | 0 | 5.0 | 8.0 | 18.0 | 3.0 | 7.0 | 27 |
| 28 | 0 | 9.0 | 0 | 25.0 | 0 | 0 | 1.0 | 4.0 | 5.0 | 6.0 | 8.0 | 1.0 | 28 |
| 29 | 0 | | 0 | 12.0 | 0 | 1.0 | 1.0 | 17.0 | 30.0 | 7.0 | 0 | 20.0 | 29 |
| 30 | 4.0 | | 0 | 28.0 | 0 | 0 | 1.0 | 0 | 11.0 | 3.0 | 11.0 | 14.0 | 30 |
| 31 | 8.0 | | 0 | | 5.0 | | 1.0 | 13.0 | | 20.0 | | 15.0 | 31 |
| Sum | 243.0 | 346.0 | 470.0 | 231.0 | 140.0 | 30.0 | 43.0 | 42.0 | 160.0 | 287.0 | 378.0 | 168.0 | |

Annual Total (2,538.0)

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 29.0 | | 32.0 | 0 | 2.0 | 0 | 5.0 | 0 | 4.0 | 4.0 | 4 0 | 43 0 | 1 |
| 2 | 11 0 | | 15.0 | 7.0 | 15.0 | 0 | 10.0 | 0 | 0 | 0 | 10.0 | 9 0 | 2 |
| 3 | 1.0 | | 1.0 | 7.0 | 33.0 | 0 | 8.0 | 0 | 0 | 9.0 | 7.0 | 12 0 | 3 |
| 4 | 0 | | 6.0 | 4.0 | 0 | 1.0 | 7.0 | 0 | 0 | 0 | 0 | 6.0 | 4 |
| 5 | 0 | | 4.0 | 5.0 | 11.0 | 17.0 | 7.0 | 0 | 0 | 0 | 10.0 | 12.0 | 5 |
| 6 | 0 | | 8.0 | 15.0 | 5.0 | 18.0 | 6.0 | 0 | 2.0 | 12.0 | 21.0 | 13.0 | 6 |
| 7 | 0 | | 0 | 0 | 6.0 | 0 | 3.0 | 0 | 0 | 13.0 | 26.0 | 10 0 | 7 |
| 8 | 0 | | 0 | 7.0 | 16.0 | 0 | 30.0 | 0 | 2.0 | 3.0 | 21 0 | 5.0 | 8 |
| 9 | 0 | | 4.0 | 0 | 6.0 | 0 | 7.0 | 0 | 0 | 0 | 15 0 | 4.0 | 9 |
| 10 | 0 | | 0 | 6.0 | 0 | 0 | 18.0 | 0 | 8.0 | 10 0 | 36.0 | 4.0 | 10 |
| 11 | 0 | | 0 | 9.0 | 12.0 | 0 | 5.0 | 0 | 0 | 25.0 | 16.0 | 0 | 11 |
| 12 | 0 | | 0 | 1.0 | 0 | 6.0 | 3.0 | 0 | 0 | 5 0 | 12 0 | 0 | 12 |
| 13 | 0 | | 24.0 | 0 | 7.0 | 0 | 8.0 | 4.0 | 0 | 6.0 | 10 0 | 0 | 13 |
| 14 | 0 | | 8.0 | 0 | 3.0 | 1.0 | 28.0 | 0 | 0 | 6.0 | 4.0 | 3 0 | 14 |
| 15 | 0 | | 10.0 | 0 | 16.0 | 0 | 12.0 | 0 | 0 | 19.0 | 5.0 | 31.0 | 15 |
| 16 | 0 | | 0 | 0 | 8.0 | 0 | 0 | 2.0 | 0 | 23.0 | 0 | 16.0 | 16 |
| 17 | 0 | | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 7.0 | 7.0 | 22.0 | 17 |
| 18 | 0 | | 2.0 | 0 | 3 0 | 0 | 0 | 0 | 13.0 | 18.0 | 7.0 | 12.0 | 18 |
| 19 | 0 | | 12.0 | 0 | 0 | 0 | 0 | 7.0 | 9.0 | 1.0 | 5 0 | 70.0 | 19 |
| 20 | 0 | | 4.0 | 0 | 0 | 0 | 0 | 16.0 | 3.0 | 2.0 | 4.0 | 12.0 | 20 |
| 21 | 22.0 | | 0 | 0 | 0 | 4.0 | 0 | 4.0 | 0 | 21.0 | 1.0 | 36.0 | 21 |
| 22 | 23.0 | | 0 | 0 | 5.0 | 8.0 | 0 | 0 | 0 | 0 | 10.0 | 8 0 | 22 |
| 23 | 6.0 | | 4.0 | 0 | 14.0 | 3.0 | 0 | 5.0 | 11.0 | 0 | 20.0 | 24.0 | 23 |
| 24 | 4.0 | | 0 | 0 | 13.0 | 0 | 0 | 0 | 15.0 | 0 | 20.0 | 21.0 | 24 |
| 25 | 1.0 | | 0 | 0 | 3.0 | 0 | 0 | 25.0 | 3.0 | 26.0 | 13.0 | 14.0 | 25 |
| 26 | 6.0 | | 0 | 28.0 | 5.0 | 0 | 0 | 3.0 | 0 | 18.0 | 12.0 | 34.0 | 26 |
| 27 | 0 | | 0 | 25.0 | 1.0 | 1.0 | 0 | 19.0 | 0 | 19.0 | 0 | 26.0 | 27 |
| 28 | 0 | | 0 | 5.0 | 11.0 | 0 | 7.0 | 18.0 | 0 | 5.0 | 17.0 | 13.0 | 28 |
| 29 | 0 | | 3.0 | 2.0 | 5.0 | 10.0 | 0 | 12.0 | 0 | 0 | 15.0 | 10.0 | 29 |
| 30 | 0 | | 3.0 | 2.0 | 8.0 | 15.0 | 0 | 14.0 | 0 | 29.0 | 34.0 | 0 | 30 |
| 31 | 0 | | 13.0 | | 3.0 | | 0 | 5.0 | | 0 | | 0 | 31 |
| Sum | 103.0 | | 153.0 | 123.0 | 215.0 | 84.0 | 164.0 | 134.0 | 70.0 | 281.0 | 365 0 | 470.0 | |

Annual Total ( )

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 3.0 | 17.0 | 1 |
| 2 | 0 | 0 | 13.0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 35.0 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 28.0 | 11.0 | 10.0 | 3 |
| 4 | 4.0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 2.0 | 39.0 | 3.0 | 4 |
| 5 | 4.0 | 5.0 | 36.0 | 0 | 22.0 | 0 | 0 | 0 | 2 0 | 1.0 | 23.0 | 20.0 | 5 |
| 6 | 0 | 5.0 | 19.0 | 0 | 0 | 0 | 0 | 0 | 0 | 23.0 | 2.0 | 0 | 6 |
| 7 | 0 | 10.0 | 33.0 | 7.0 | 5.0 | 0 | 0 | 0 | 0 | 11.0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 16.0 | 0 | 10.0 | 8 |
| 9 | 8.0 | 0 | 0 | 16.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 9 |
| 10 | 0 | 5.0 | 14.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 51.0 | 6.0 | 15.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 11 |
| 12 | 0 | 19.0 | 0 | 5.0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 12 |
| 13 | 0 | 10.0 | 15.0 | 35.0 | 3.0 | 7.0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 13 |
| 14 | 0 | 25.0 | 3.0 | 67.0 | 14.0 | 8.0 | 0 | 0 | 0 | 0 | 16.0 | 4.0 | 14 |
| 15 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 1.0 | 10.0 | 15 |
| 16 | 0 | 6.0 | 0 | 17.0 | 65.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 40.0 | 16 |
| 17 | 0 | 0 | 0 | 4.0 | 20.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 23.0 | 17 |
| 18 | 0 | 0 | 0 | 1.0 | 11.0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 7.0 | 18 |
| 19 | 0 | 13.0 | 0 | 16.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 13.0 | 0 | 30.0 | 0 | 4.0 | 0 | 1.0 | 0 | 0 | 0 | 8.0 | 20 |
| 21 | 0 | 0 | 29.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 26.0 | 21 |
| 22 | 0 | 1.0 | 17.0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 24.0 | 0 | 0 | 22 |
| 23 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.0 | 0 | 4.0 | 23 |
| 24 | 0 | 16.0 | 16.0 | 15.0 | 2.0 | 0 | 0 | 0 | 0 | 17.0 | 0 | 0 | 24 |
| 25 | 0 | 6.0 | 7.0 | 3.0 | 0 | 0 | 0 | 0 | 33.0 | 10.0 | 0 | 0 | 25 |
| 26 | 12.0 | 1.0 | 6.0 | 10.0 | 0 | 0 | 0 | 0 | 23.0 | 19.0 | 0 | 0 | 26 |
| 27 | 12.0 | 9.0 | 16.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 0 | 27 |
| 28 | 14.0 | 0 | 0 | 8.0 | 3.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 28 |
| 29 | 22.0 | 0 | 12.0 | 12.0 | 21.0 | 0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 29 |
| 30 | 30.0 | | 5.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 30 |
| 31 | 0 | | 8.0 | | 0 | | 0 | 0 | | 3.0 | | 0 | 31 |
| Sum | 106.0 | 198.0 | 260.0 | 304.0 | 194.0 | 42.0 | 0.0 | 4.0 | 68.0 | 265.0 | 156.0 | 182.0 | |

Annual Total (1,779.0)

Precipitation — STATION ___COCONUCO___
CAUCA RIVER, IN THE BASIN OF _CAUCA_  ELEVATION 2,300 UNIT mm YEAR 1977

| DATE | Jan | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 5.0 | 0 | 11.0 | 0 | 15.0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 10.0 | 6.0 | 10 0 | 0 | 0 | 0 | 16 0 | 2.0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 29.0 | 0 | 5.0 | 0 | 0 | 0 | 5.0 | 10.0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 25.0 | 17.0 | 6.0 | 0 | 0 | 0 | 8.0 | 9.0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 1.0 | 10.0 | 0 | 24.0 | 5 0 | 0 | 5.0 | 25 0 | 5 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 0 | 20.0 | 35.0 | 0 | 6 |
| 7 | 0 | 2.0 | 0 | 0 | 5.0 | 0 | 0 | 12.0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 11.0 | 10.0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 1.0 | 0 | 0 | 32.0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 3.0 | 50.0 | 0 | 0 | 0 | 7.0 | 30.0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 15.0 | 0 | 0 | 35.0 | 25.0 | 12 |
| 13 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 7.0 | 0 | 0 | 41.0 | 10.0 | 13 |
| 14 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 34.0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 2.0 | 20.0 | 0 | 25.0 | 0 | 0 | 0 | 2.0 | 0 | 4.0 | 5.0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 0 | 3.0 | 3.0 | 2.0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 0 | 17 |
| 18 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 30.0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55.0 | 0 | 35 0 | 9.0 | 20 |
| 21 | 0 | 15.0 | 8.0 | 8.0 | 0 | 0 | 0 | 30.0 | 4.0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 35.0 | 7.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 22 |
| 23 | 17.0 | 0 | 21.0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 15.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 12.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 21.0 | 0 | 0 | 0 | 0 | 9.0 | 6.0 | 4.0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19.0 | 7.0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 5.0 | 5.0 | 2.0 | 0 | 2.0 | 0 | 3.0 | 5.0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 15.0 | 13.0 | 3.0 | 0 | 0 | 0 | 29.0 | 0 | 0 | 19.0 | 28 |
| 29 | 0 | | 3.0 | 10.0 | 0 | 5.0 | 0 | 0 | 20.0 | 4.0 | 0 | 10.0 | 29 |
| 30 | 15.0 | | 22.0 | 0 | 0 | 6.0 | 0 | 0 | 22.0 | 15 0 | 0 | 4.0 | 30 |
| 31 | 33.0 | | 0 | | 0 | | 0 | 0 | | 5.0 | | 0 | 31 |
| Sum | 65.0 | 56.0 | 149.0 | 175.0 | 86.0 | 117.0 | 29.0 | 117.0 | 173.0 | 151.0 | 318.0 | 117.0 | |

Annual Total (1,553.0)

Precipitation — STATION ___COCONUCO___
CAUCA RIVER, IN THE BASIN OF _CAUCA_  ELEVATION 2,300 UNIT mm YEAR 1978

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 39.0 | 0 | 0 | 2.0 | 0 | · | | | | | | | 1 |
| 2 | 0 | 0 | 0 | 0 | 3.0 | | | | | | | | 2 |
| 3 | 0 | 0 | 0 | 14.0 | 45.0 | | | | | | | | 3 |
| 4 | 0 | 0 | 3.0 | 3.0 | 11.0 | | | | | | | | 4 |
| 5 | 0 | 0 | 0 | 27.0 | 6.0 | | | | | | | | 5 |
| 6 | 0 | 0 | 12.0 | 45.0 | 4.0 | | | | | | | | 6 |
| 7 | 0 | 0 | 10.0 | 7.0 | 7.0 | | | | | | | | 7 |
| 8 | 0 | 18.0 | 0 | 0 | 0 | | | | | | | | 8 |
| 9 | 11.0 | 0 | 5.0 | 10.0 | 1.0 | | | | | | | | 9 |
| 10 | 35.0 | 0 | 0 | 6.0 | 2.0 | | | | | | | | 10 |
| 11 | 50.0 | 0 | 0 | 6.0 | 0 | | | | | | | | 11 |
| 12 | 2.0 | 1.0 | 0 | 2.0 | 0 | | | | | | | | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | | | | | | | | 13 |
| 14 | 0 | 3.0 | 0 | 0 | 0 | | | | | | | | 14 |
| 15 | 0 | 0 | 0 | 24.0 | 0 | | | | | | | | 15 |
| 16 | 20.0 | 0 | 0 | 7.0 | 0 | | | | | | | | 16 |
| 17 | 0 | 0 | 0 | 20.0 | 0 | | | | | | | | 17 |
| 18 | 0 | 0 | 0 | 2.0 | 0 | | | | | | | | 18 |
| 19 | 0 | 0 | 0 | 5.0 | 0 | | | | | | | | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | | | | | | | | 20 |
| 21 | 0 | 0 | 0 | 0 | 2.0 | | | | | | | | 21 |
| 22 | 0 | 0 | 0 | 2.0 | 0 | | | | | | | | 22 |
| 23 | 0 | 0 | 6.0 | 17.0 | 0 | | | | | | | | 23 |
| 24 | 0 | 0 | 0 | 28.0 | 0 | | | | | | | | 24 |
| 25 | 0 | 0 | 0 | 10.0 | 0 | | | | | | | | 25 |
| 26 | 0 | 0 | 10.0 | 0 | 10.0 | | | | | | | | 26 |
| 27 | 0 | 0 | 0 | 0 | 22.0 | | | | | | | | 27 |
| 28 | 0 | 3.0 | 0 | 6.0 | 4.0 | | | | | | | | 28 |
| 29 | 0 | | 0 | 15.0 | 2.0 | | | | | | | | 29 |
| 30 | 0 | | 14.0 | 0 | 5.0 | | | | | | | | 30 |
| 31 | 0 | | 9.0 | | 3.0 | | | | | | | | 31 |
| Sum | 157.0 | 25.0 | 69.0 | 258.0 | 127.0 | | | | | | | | |

Annual Total ( )

__CAUCA__ RIVER, IN THE BASIN OF __CAUCA__    ELEVATION _____ UNIT ___mm___ YEAR __1961__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 20 | 0 | 25 | 5 | 0 | 10 | 0 | 10 | 5 | 15 | 2 | 1 |
| 2 | 5 | 10 | 0 | 23 | 0 | 3 | 8 | 10 | 0 | 7 | 10 | 1 | 2 |
| 3 | 0 | 2 | 0 | 15 | 0 | 0 | 5 | 0 | 6 | 8 | 10 | 0 | 3 |
| 4 | 0 | 5 | 0 | 10 | 0 | 5 | 0 | 8 | 10 | 5 | 10 | 0 | 4 |
| 5 | 0 | 7 | 0 | 15 | 2 | 4 | 5 | 10 | 0 | 10 | 20 | 0 | 5 |
| 6 | 0 | 10 | 0 | 0 | 3 | 10 | 8 | 12 | 0 | 0 | 50 | 2 | 6 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | 5 | 0 | 50 | 10 | 7 |
| 8 | 0 | 0 | 8 | 2 | 0 | 5 | 10 | 15 | 0 | 6 | 18 | 10 | 8 |
| 9 | 0 | 0 | 12 | 0 | 2 | 6 | 5 | 10 | 5 | 0 | 10 | 15 | 9 |
| 10 | 3 | 0 | 0 | 2 | 0 | 8 | 10 | 15 | 5 | 5 | 20 | 12 | 10 |
| 11 | 0 | 0 | 0 | 0 | 5 | 7 | 8 | 18 | 2 | 30 | 10 | 13 | 11 |
| 12 | 0 | 3 | 5 | 0 | 5 | 5 | 10 | 10 | 0 | 40 | 15 | 12 | 12 |
| 13 | 0 | 0 | 10 | 2 | 0 | 6 | 10 | 0 | 6 | 10 | 30 | 0 | 13 |
| 14 | 0 | 0 | 8 | 0 | 15 | 5 | 15 | 8 | 2 | 10 | 20 | 3 | 14 |
| 15 | 20 | 0 | 7 | 1 | 0 | 3 | 15 | 10 | 0 | 5 | 20 | 0 | 15 |
| 16 | 15 | 0 | 9 | 8 | 0 | 8 | 10 | 5 | 5 | 0 | 15 | 0 | 16 |
| 17 | 5 | 0 | 0 | 0 | 8 | 15 | 15 | 8 | 4 | 5 | 15 | 3 | 17 |
| 18 | 0 | 0 | 10 | 2 | 6 | 0 | 0 | 10 | 0 | 10 | 30 | 0 | 18 |
| 19 | 0 | 0 | 20 | 5 | 5 | 0 | 5 | 8 | 2 | 6 | 25 | 2 | 19 |
| 20 | 0 | 0 | 15 | 15 | 15 | 0 | 0 | 10 | 5 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 20 | 5 | 8 | 5 | 5 | 6 | 10 | 0 | 0 | 21 |
| 22 | 4 | 0 | 5 | 40 | 0 | 10 | 6 | 8 | 5 | 10 | 0 | 0 | 22 |
| 23 | 0 | 0 | 10 | 25 | 0 | 12 | 5 | 6 | 0 | 13 | 0 | 0 | 23 |
| 24 | 0 | 0 | 8 | 5 | 0 | 5 | 8 | 10 | 0 | 11 | 0 | 0 | 24 |
| 25 | 8 | 5 | 5 | 5 | 4 | 14 | 10 | 0 | 8 | 7 | 0 | 2 | 25 |
| 26 | 17 | 3 | 0 | 10 | 0 | 0 | 10 | 4 | 3 | 0 | 0 | 0 | 26 |
| 27 | 5 | 0 | 0 | 15 | 2 | 10 | 8 | 5 | 5 | 6 | 0 | 6 | 27 |
| 28 | 3 | 2 | 0 | 5 | 5 | 8 | 10 | 0 | 4 | 5 | 0 | 5 | 28 |
| 29 | 10 | | 3 | 0 | 0 | 6 | 12 | 0 | 6 | 8 | 0 | 3 | 29 |
| 30 | 10 | | 5 | 0 | 5 | 10 | 14 | 10 | 5 | 15 | 2 | 0 | 30 |
| 31 | 25 | | 2 | | 0 | | | 12 | | 40 | | 10 | 31 |
| Sum. | 130 | 67 | 142 | 250 | 92 | 173 | 249 | 242 | 109 | 287 | 395 | 111 | |

Annual Total ( 2,247 )

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__CAUCA__ RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT ___mm___ YEAR __1962__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | july | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 0 | 0 | 6 | 15 | 0 | 0 | 10 | 3 | 25 | 8 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 18 | 2 | 5 | 8 | 6 | 8 | 18 | 2 | 2 |
| 3 | 10 | 5 | 0 | 4 | 5 | 5 | 4 | 5 | 0 | 10 | 10 | 3 | 3 |
| 4 | 5 | 0 | 2 | 0 | 5 | 0 | 6 | 12 | 10 | 5 | 15 | 0 | 4 |
| 5 | 15 | 0 | 0 | 0 | 10 | 5 | 8 | 7 | 8 | 12 | 10 | 5 | 5 |
| 6 | 0 | 2 | 8 | 5 | 10 | 2 | 10 | 10 | 4 | 3 | 8 | 4 | 6 |
| 7 | 0 | 5 | 10 | 4 | 0 | 10 | 5 | 10 | 0 | 0 | 7 | 2 | 7 |
| 8 | 20 | 10 | 10 | 0 | 0 | 5 | 8 | 8 | 0 | 30 | 12 | 0 | 8 |
| 9 | 10 | 6 | 8 | 2 | 0 | 10 | 2 | 6 | 0 | 50 | 0 | 5 | 9 |
| 10 | 10 | 0 | 10 | 5 | 5 | 8 | 0 | 4 | 2 | 30 | 0 | 0 | 10 |
| 11 | 10 | 5 | 10 | 0 | 8 | 6 | 4 | 5 | 2 | 8 | 2 | 15 | 11 |
| 12 | 20 | 6 | 0 | 0 | 10 | 10 | 8 | 10 | 0 | 10 | 8 | 20 | 12 |
| 13 | 5 | 2 | 0 | 0 | 10 | 8 | 10 | 10 | 5 | 0 | 7 | 30 | 13 |
| 14 | 1 | 1 | 0 | 2 | 20 | 6 | 3 | 40 | 0 | 5 | 10 | 40 | 14 |
| 15 | 2 | 0 | 3 | 2 | 26 | 5 | 4 | 5 | 1 | 10 | 35 | 45 | 15 |
| 16 | 0 | 0 | 2 | 0 | 15 | 6 | 5 | 10 | 2 | 3 | 8 | 35 | 16 |
| 17 | 10 | 2 | 0 | 2 | 0 | 10 | 5 | 10 | 0 | 23 | 12 | 20 | 17 |
| 18 | 10 | 0 | 2 | 5 | 15 | 0 | 8 | 5 | 5 | 0 | 10 | 15 | 18 |
| 19 | 20 | 0 | 0 | 0 | 6 | 0 | 10 | 6 | 4 | 5 | 5 | 18 | 19 |
| 20 | 30 | 3 | 5 | 15 | 5 | 5 | 8 | 1 | 0 | 2 | 15 | 25 | 20 |
| 21 | 15 | 1 | 18 | 20 | 6 | 3 | 6 | 0 | 2 | 4 | 10 | 30 | 21 |
| 22 | 20 | 0 | 40 | 20 | 5 | 2 | 0 | 5 | 4 | 2 | 5 | 0 | 22 |
| 23 | 0 | 0 | 15 | 5 | 8 | 0 | 5 | 5 | 3 | 5 | 6 | 0 | 23 |
| 24 | 0 | 0 | 15 | 20 | 6 | 0 | 4 | 8 | 0 | 2 | 10 | 0 | 24 |
| 25 | 0 | 0 | 8 | 10 | 4 | 5 | 6 | 5 | 0 | 0 | 20 | 0 | 25 |
| 26 | 0 | 0 | 6 | 10 | 10 | 6 | 5 | 6 | 10 | 0 | 10 | 20 | 26 |
| 27 | 0 | 0 | 2 | 15 | 20 | 8 | 8 | 4 | 0 | 8 | 0 | 25 | 27 |
| 28 | 0 | 5 | 0 | 20 | 15 | 6 | 5 | 2 | 0 | 10 | 0 | 15 | 28 |
| 29 | 0 | | 2 | 5 | 5 | 0 | 6 | 0 | 10 | 8 | 0 | 2 | 29 |
| 30 | 0 | | 5 | 15 | 0 | 2 | 7 | 0 | 5 | 5 | 0 | 2 | 30 |
| 31 | 0 | | 5 | | 0 | | 5 | 5 | | 8 | | 0 | 31 |
| Sum. | 225 | 53 | 186 | 192 | 262 | 135 | 170 | 222 | 86 | 291 | 261 | 378 | |

Annual Total ( 2,461 )

Precipitation — STATION Purace

CAUCA RIVER, IN THE BASIN OF ELEVATION — UNIT mm — YEAR 1963

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 2 | 10 | 10 | 3 | 5 | 0 | 0 | 5 | 5 | 1 |
| 2 | 20 | 1 | 0 | 30 | 5 | 6 | 0 | 0 | 6 | 0 | 15 | 0 | 2 |
| 3 | 0 | 10 | 0 | 14 | 8 | 0 | 2 | 20 | 4 | 0 | 35 | 0 | 3 |
| 4 | 4 | 15 | 0 | 6 | 0 | 0 | 4 | 0 | 4 | 4 | 24 | 5 | 4 |
| 5 | 0 | 0 | 0 | 10 | 15 | 2 | 0 | 2 | 0 | 3 | 30 | 0 | 5 |
| 6 | 0 | 10 | 2 | 20 | 15 | 0 | 2 | 4 | 5 | 2 | 30 | 4 | 6 |
| 7 | 0 | 3 | 0 | 30 | 10 | 0 | 0 | 5 | 4 | 2 | 8 | 0 | 7 |
| 8 | 0 | 2 | 0 | 10 | 10 | 0 | 5 | 6 | 5 | 5 | 20 | 6 | 8 |
| 9 | 15 | 0 | 5 | 4 | 10 | 4 | 3 | 5 | 8 | 0 | 20 | 4 | 9 |
| 10 | 5 | 0 | 10 | 5 | 20 | 10 | 8 | 3 | 10 | 0 | 26 | 0 | 10 |
| 11 | 1 | 36 | 6 | 20 | 10 | 20 | 6 | 2 | 10 | 6 | 30 | 4 | 11 |
| 12 | 10 | 24 | 2 | 6 | 15 | 20 | 2 | 4 | 10 | 5 | 20 | 0 | 12 |
| 13 | 10 | 6 | 0 | 8 | 0 | 30 | 4 | 5 | 8 | 4 | 20 | 5 | 13 |
| 14 | 30 | 0 | 8 | 10 | 8 | 10 | 0 | 6 | 6 | 16 | 10 | 0 | 14 |
| 15 | 0 | 0 | 0 | 10 | 5 | 0 | 10 | 5 | 4 | 30 | 0 | 0 | 15 |
| 16 | 0 | 10 | 0 | 5 | 6 | 2 | 4 | 6 | 7 | 10 | 0 | 0 | 16 |
| 17 | 24 | 25 | 0 | 5 | 8 | 0 | 0 | 5 | 9 | 0 | 10 | 10 | 17 |
| 18 | 6 | 15 | 0 | 20 | 5 | 6 | 2 | 4 | 8 | 0 | 0 | 6 | 18 |
| 19 | 10 | 30 | 4 | 25 | 0 | 2 | 3 | 2 | 5 | 5 | 0 | 0 | 19 |
| 20 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 4 | 20 |
| 21 | 0 | 10 | 0 | 4 | 0 | 0 | 5 | 4 | 6 | 4 | 6 | 6 | 21 |
| 22 | 0 | 4 | 0 | 3 | 0 | 0 | 6 | 6 | 0 | 8 | 40 | 6 | 22 |
| 23 | 0 | 6 | 0 | 0 | 4 | 6 | 4 | 0 | 8 | 0 | 15 | 5 | 23 |
| 24 | 0 | 2 | 10 | 2 | 5 | 2 | 3 | 3 | 0 | 3 | 8 | 16 | 24 |
| 25 | 15 | 0 | 5 | 4 | 8 | 4 | 5 | 5 | 8 | 35 | 10 | 10 | 25 |
| 26 | 6 | 5 | 8 | 0 | 5 | 0 | 5 | 4 | 4 | 0 | 0 | 50 | 26 |
| 27 | 15 | 10 | 10 | 0 | 20 | 0 | 4 | 0 | 0 | 4 | 0 | 10 | 27 |
| 28 | 14 | 0 | 0 | 8 | 0 | 5 | 6 | 8 | 2 | 3 | 4 | 10 | 28 |
| 29 | 33 | | 2 | 15 | 0 | 0 | 4 | 6 | 0 | 18 | 2 | 40 | 29 |
| 30 | 0 | | 0 | 10 | 0 | 4 | 5 | 0 | 8 | 8 | 0 | 16 | 30 |
| 31 | 0 | | 0 | | 0 | | 6 | 0 | | 10 | | 16 | 31 |
| Sum. | 228 | 224 | 72 | 291 | 202 | 143 | 111 | 130 | 149 | 185 | 388 | 238 | |

Annual Total ( 2,361 )

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Precipitation — STATION Purace

CAUCA RIVER, IN THE BASIN OF ELEVATION — UNIT mm — YEAR 1964

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 4 | 10 | 0 | 8 | 10 | 0 | 6 | 15 | 1 |
| 2 | 0 | 0 | 0 | 12 | 2 | 14 | 4 | 6 | 8 | 3 | 4 | 36 | 2 |
| 3 | 0 | 0 | 0 | 4 | 0 | 10 | 4 | 6 | 8 | 4 | 20 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 18 | 2 | 4 | 4 | 5 | 10 | 4 | 4 |
| 5 | 0 | 0 | 0 | 4 | 10 | 10 | 0 | 0 | 5 | 6 | 12 | 10 | 5 |
| 6 | 0 | 0 | 0 | 10 | 10 | 0 | 6 | 5 | 6 | 2 | 8 | 12 | 6 |
| 7 | 0 | 0 | 2 | 4 | 8 | 4 | 4 | 4 | 1 | 7 | 16 | 9 | 7 |
| 8 | 0 | 0 | 4 | 60 | 2 | 0 | 6 | 6 | 8 | 3 | 20 | 15 | 8 |
| 9 | 0 | 0 | 0 | 10 | 8 | 10 | 8 | 8 | 6 | 0 | 0 | 14 | 9 |
| 10 | 0 | 10 | 0 | 0 | 3 | 20 | 6 | 6 | 6 | 12 | 0 | 12 | 10 |
| 11 | 0 | 15 | 2 | 5 | 4 | 10 | 8 | 7 | 5 | 5 | 3 | 8 | 11 |
| 12 | 0 | 10 | 5 | 10 | 2 | 0 | 5 | 8 | 4 | 6 | 0 | 8 | 12 |
| 13 | 2 | 14 | 4 | 10 | 4 | 6 | 4 | 10 | 6 | 8 | 10 | 8 | 13 |
| 14 | 0 | 8 | 2 | 8 | 4 | 4 | 6 | 12 | 8 | 10 | 12 | 4 | 14 |
| 15 | 0 | 7 | 2 | 12 | 3 | 2 | 5 | 6 | 12 | 10 | 10 | 0 | 15 |
| 16 | 0 | 10 | 4 | 50 | 0 | 0 | 20 | 7 | 14 | 10 | 15 | 0 | 16 |
| 17 | 0 | 18 | 15 | 6 | 5 | 0 | 4 | 4 | 6 | 10 | 14 | 0 | 17 |
| 18 | 0 | 0 | 6 | 8 | 6 | 14 | 5 | 8 | 5 | 10 | 0 | 12 | 18 |
| 19 | 0 | 10 | 0 | 6 | 2 | 10 | - | 4 | 8 | 13 | 0 | 10 | 19 |
| 20 | 0 | 5 | 2 | 2 | 0 | 16 | 0 | 5 | 0 | 10 | 0 | 40 | 20 |
| 21 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 8 | 3 | 8 | 8 | 20 | 21 |
| 22 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 6 | 6 | 12 | 5 | 20 | 22 |
| 23 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 10 | 8 | 1 | 10 | 23 |
| 24 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | 10 | 6 | 8 | 12 | 24 |
| 25 | 0 | 0 | 0 | 8 | 3 | 5 | 2 | 7 | 8 | 12 | 0 | 11 | 25 |
| 26 | 0 | 0 | 0 | 6 | 10 | 6 | 4 | 6 | 6 | 14 | 4 | 20 | 26 |
| 27 | 0 | 0 | 5 | 4 | 5 | 4 | 6 | 4 | 4 | 10 | 5 | 30 | 27 |
| 28 | 0 | 5 | 0 | 0 | 10 | 5 | 5 | 0 | 10 | 6 | 6 | 20 | 28 |
| 29 | 0 | 4 | 20 | 6 | 10 | 4 | 8 | 8 | 15 | 5 | 4 | 8 | 29 |
| 30 | 0 | | 10 | 5 | 12 | 0 | 4 | 6 | 10 | 4 | 5 | 10 | 30 |
| 31 | 0 | | 6 | | 10 | | 0 | 10 | | 12 | | 15 | 31 |
| Sum. | 10 | 116 | 94 | 256 | 169 | 204 | 133 | 191 | 212 | 231 | 228 | 395 | |

Annual Total ( 2,219 )

Precipitation — STATION Purace

CAUCA RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT ___mm___ YEAR _1965_

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 | 0 | 5 | 4 | 6 | 4 | 8 | 0 | 5 | 26 | 10 | 0 | 1 |
| 2 | 5 | 3 | 6 | 3 | 4 | 6 | 6 | 0 | 0 | 5 | 8 | 0 | 2 |
| 3 | 8 | 0 | 8 | 2 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 0 | 3 |
| 4 | 0 | 0 | 4 | 0 | 6 | 5 | 4 | 8 | 6 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 4 | 40 | 0 | 0 | 8 | 10 | 0 | 0 | 6 | 0 | 5 |
| 6 | 0 | 0 | 2 | 20 | 3 | 6 | 10 | 0 | 0 | 0 | 20 | 0 | 6 |
| 7 | 16 | 0 | 3 | 20 | 8 | 0 | 10 | 5 | 2 | 0 . | 20 | 30 | 7 |
| 8 | 18 | 0 | 2 | 20 | 10 | 8 | 0 | 6 | 4 | 0 | 30 | 20 | 8 |
| 9 | 10 | 0 | 5 | 10 | 30 | 6 | 2 | 4 | 0 | 2 | 10 | 90 | 9 |
| 10 | 18 | 0 | 0 | 8 | 10 | 5 | 4 | 0 | 3 | 0 | 8 | 20 | 10 |
| 11 | 4 | 0 | 0 | 18 | 30 | 4 | 10 | 8 | 4 | 6 | 6 | 10 | 11 |
| 12 | 0 | 0 | 3 | 0 | 20 | 5 | 8 | 6 | 5 | 4 | 6 | 28 | 12 |
| 13 | 10 | 0 | 2 | 10 | 15 | 6 | 5 | 5 | 0 | 28 | 10 | 4 | 13 |
| 14 | 4 | 0 | 0 | 20 | 10 | 7 | 6 | 4 | 0 | 8 | 15 | 2 | 14 |
| 15 | 2 | 0 | 2 | 20 | 8 | 8 | 8 | 6 | 15 | 16 | 25 | 0 | 15 |
| 16 | 8 | 0 | 3 | 20 | 6 | 6 | 6 | 0 | 2 | 20 | 50 | 5 | 16 |
| 17 | 5 | 0 | 0 | 5 | 4 | 5 | 8 | 5 | 2 | 40 | 20 | 6 | 17 |
| 18 | 0 | 0 | 0 | 5 | 6 | 4 | 8 | 6 | 0 | 18 | 8 | 4 | 18 |
| 19 | 10 | 10 | 8 | 10 | 8 | 6 | 6 | 8 | 0 | 18 | 50 | 0 | 19 |
| 20 | 20 | 0 | 2 | 2 | 4 | 3 | 20 | 0 | 4 | 8 | 20 | 4 | 20 |
| 21 | 0 | 0 | 1 | 4 | 6 | 6 | 10 | 4 | 5 | 16 | 25 | 0 | 21 |
| 22 | 8 | 0 | 2 | 3 | 5 | 8 | 8 | 6 | 3 | 55 | 20 | 0 | 22 |
| 23 | 0 | 0 | 3 | 4 | 4 | 6 | 6 | 0 | 5 | 0 | 30 | 0 | 23 |
| 24 | 0 | 0 | 0 | 3 | 6 | 4 | 5 | 4 | 6 | 0 | 36 | 0 | 24 |
| 25 | 10 | 0 | 0 | 2 | 6 | 10 | 6 | 6 | 0 | 0 | 10 | 30 | 25 |
| 26 | 12 | 0 | 2 | 4 | 3 | 8 | 2 | 2 | 4 | 14 | 20 | 8 | 26 |
| 27 | 13 | 0 | 0 | 14 | 2 | 5 | 6 | 3 | 3 | 16 | 10 | 6 | 27 |
| 28 | 15 | 0 | 2 | 8 | 4 | 4 | 5 | 5 | 8 | 10 | 20 | 8 | 28 |
| 29 | 16 | | 10 | 10 | 4 | 6 | 6 | 6 | 20 | 20 | 10 | 6 | 29 |
| 30 | 8 | | 5 | 4 | 5 | 0 | 9 | 0 | 30 | 30 | 8 | 0 | 30 |
| 31 | 4 | | 10 | | 4 | | 4 | 0 | | 6 | | 6 | 31 |
| Sum. | 231 | 13 | 94 | 293 | 242 | 155 | 210 | 121 | 140 | 370 | 515 | 287 | |

Annual Total ( 2,671 )

Precipitation — STATION Purace

CAUCA RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT ___mm___ YEAR _1967_

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 0 | 4 | 0 | 12 | 8 | 8 | 8 | 10 | 8 | 18 | 0 | 1 |
| 2 | 0 | 6 | 0 | 6 | 8 | 10 | 10 | 10 | 12 | 20 | 8 | 0 | 2 |
| 3 | 0 | 10 | 0 | 0 | 20 | 12 | 6 | 9 | 10 | 5 | 10 | 5 | 3 |
| 4 | 0 | 30 | 0 | 0 | 0 | 20 | 10 | 8 | 0 | 0 | 30 | 0 | 4 |
| 5 | 0 | 10 | 0 | 0 | 0 | 8 | 9 | 10 | 8 | 6 | 7 | c | 5 |
| 6 | 6 | 8 | 0 | 0 | 4 | 10 | 8 | 0 | 6 | 0 | 0 | 0 | 6 |
| 7 | 5 | 12 | 0 | 0 | 8 | 8 | 6 | 4 | 0 | 8. | 6 | 0 | 7 |
| 8 | 4 | 10 | 0 | 0 | 0 | 10 | 4 | 6 | 0 | 10 | 18 | 0 | 8 |
| 9 | 0 | 20 | 0 | 0 | 0 | 4 | 9 | 10 | 8 | 40 | 24 | 0 | 9 |
| 10 | 0 | 8 | 4 | 6 | 8 | 0 | 5 | 12 | 10 | 8 | 10 | 0 | 10 |
| 11 | 0 | 4 | 10 | 8 | 9 | 0 | 6 | 8 | 0 | 9 | 8 | 4 | 11 |
| 12 | 5 | 10 | 2 | 8 | 10 | 4 | 4 | 10 | 8 | 10 | 12 | 5 | 12 |
| 13 | 10 | 0 | 38 | 6 | 10 | 8 | 8 | 9 | 0 | 4 | 50 | 0 | 13 |
| 14 | 8 | 0 | 16 | 8 | 22 | 10 | 10 | 0 | 6 | 6 | 0 | 0 | 14 |
| 15 | 5 | 0 | 36 | 0 | 12 | 6 | 5 | 0 | 8 | 0 | 12 | 5 | 15 |
| 16 | 6 | 16 | 48 | 20 | 4 | 0 | 6 | 10 | 9 | 5 | 9 | 0 | 16 |
| 17 | 2 | 0 | 20 | 36 | 18 | 10 | 0 | 12 | 10 | 4 | 18 | 6 | 17 |
| 18 | 8 | 0 | 10 | 16 | 6 | 0 | 10 | 10 | 8 | 0 | 40 | 0 | 18 |
| 19 | 0 | 0 | 8 | 0 | 16 | 0 | 40 | 6 | 6 | 5 | 60 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 14 | 12 | 10 | 60 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 0 | 10 | 8 | 50 | 8 | 21 |
| 22 | 0 | 0 | 0 | 18 | 4 | 8 | 0 | 4 | 8 | 10 | 12 | 10 | 22 |
| 23 | 0 | 10 | 23 | 10 | 5 | 6 | 8 | 10 | 6 | 0 | 16 | 12 | 23 |
| 24 | 0 | 6 | 24 | 20 | 8 | 8 | 9 | 8 | 0 | 18 | 20 | 14 | 24 |
| 25 | 0 | 0 | 0 | 10 | 10 | 4 | 9 | 12 | 0 | 20 | 40 | 20 | 25 |
| 26 | 10 | 0 | 15 | 10 | 4 | 10 | 10 | 10 | 10 | 10 | 24 | 0 | 26 |
| 27 | 8 | 0 | 18 | 14 | 5 | 9 | 10 | 10 | 6 | 12 | 30 | 15 | 27 |
| 28 | 0 | 0 | 80 | 6 | 8 | 6 | 18 | 12 | 8 | 40 | 22 | 8 | 28 |
| 29 | 6 | | 24 | 0 | 5 | 0 | 12 | 8 | 10 | 4 | 0 | 4 | 29 |
| 30 | 14 | | 0 | 0 | 8 | 8 | 8 | 15 | 12 | 25 | 4 | 6 | 30 |
| 31 | 20 | | 4 | | 10 | | 10 | 12 | | 15 | | 0 | 31 |
| Sum. | 121 | 160 | 384 | 202 | 234 | 205 | 268 | 257 | 201 | 320 | 618 | 122 | |

Annual Total ( 3,092 )

STATION __Purace__

CAUCA __RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT __mm__ YEAR __1968__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 10 | 0 | 5 | 4 | 0 | 10 | 16 | 4 | 0 | 12 | 1 |
| 2 | 0 | 16 | 8 | 2 | 4 | 8 | 4 | 10 | 30 | 0 | 0 | 10 | 2 |
| 3 | 0 | 30 | 10 | 6 | 6 | 6 | 6 | 8 | 0 | 5 | 0 | 12 | 3 |
| 4 | 4 | 34 | 0 | 4 | 0 | 10 | 5 | 10 | 8 | 0 | 4 | 10 | 4 |
| 5 | 0 | 8 | 0 | 5 | 4 | 44 | 6 | 6 | 4 | 4 | 3 | 8 | 5 |
| 6 | 0 | 0 | 0 | 8 | 7 | 8 | 8 | 8 | 5 | 0 | 0 | 6 | 6 |
| 7 | 5 | 0 | 6 | 6 | 0 | 6 | 10 | 10 | 3 | 6 | 8 | 0 | 7 |
| 8 | 8 | 0 | 14 | 5 | 20 | 5 | 10 | 8 | 4 | 8 | 10 | 0 | 8 |
| 9 | 6 | 0 | 0 | 17 | 10 | 0 | 12 | 6 | 0 | 30 | 8 | 0 | 9 |
| 10 | 4 | 0 | 8 | 90 | 8 | 0 | 16 | ·5 | 0 | 10 | 10 | 0 | 10 |
| 11 | 0 | 0 | 4 | 30 | 8 | 4 | 10 | 0 | 4 | 20 | 10 | 0 | 11 |
| 12 | 0 | 0 | 0 | 20 | 12 | 5 | 8 | 6 | 3 | 8 | 25 | 0 | 12 |
| 13 | 8 | 0 | 8 | 30 | 7 | 0 | 6 | 9 | 12 | 4 | 20 | 0 | 13 |
| 14 | 8 | 0 | 10 | 20 | 9 | 8 | 10 | 10 | 10 | 18 | 24 | 0 | 14 |
| 15 | 0 | 0 | 20 | 25 | 22 | 5 | 8 | 8 | 0 | 10 | 16 | 0 | 15 |
| 16 | 0 | 0 | 10 | 0 | 10 | 0 | 10 | 6 | 0 | 5 | 14 | 0 | 16 |
| 17 | 0 | 8 | 20 | 30 | 8 | 10 | 9 | 9 | 5 | 18 | 8 | 0 | 17 |
| 18 | 3 | 0 | 5 | 6 | 7 | 0 | 8 | 8 | 16 | 10 | 30 | 0 | 18 |
| 19 | 0 | 48 | 0 | 0 | 6 | 8 | 10 | 6 | 10 | 20 | 20 | 0 | 19 |
| 20 | 4 | 18 | 0 | 8 | 0 | 0 | 0 | 8 | 0 | 0 | 10 | 5 | 20 |
| 21 | 0 | 20 | 5 | 0 | 0 | 6 | 0 | 0 | 0 | 5 | 12 | 10 | 21 |
| 22 | 4 | 18 | 0 | 10 | 4 | 10 | 4 | 10 | 0 | 6 | 40 | 12 | 22 |
| 23 | 0 | 20 | 8 | 20 | 6 | 8 | 8 | 9 | 4 | 8 | 20 | 18 | 23 |
| 24 | 10 | 10 | 8 | 20 | 5 | 7 | 9 | 10 | 6 | 0 | 8 | 16 | 24 |
| 25 | 2 | 8 | 0 | 0 | 0 | 10 | 10 | 8 | 0 | 10 | 24 | 8 | 25 |
| 26 | 0 | 0 | 0 | 0 | 6 | 7 | 14 | 9 | 4 | 12 | 10 | 0 | 26 |
| 27 | 0 | 20 | 4 | 0 | 0 | 0 | 5 | 10 | 10 | 20 | 14 | 7 | 27 |
| 28 | 4 | 8 | 0 | 6 | 0 | 4 | 8 | 10 | 30 | 40 | 26 | 3 | 28 |
| 29 | 40 | 0 | 0 | 14 | 10 | 6 | 10 | 10 | 20 | 12 | 20 | 0 | 29 |
| 30 | 12 | | 0 | 4 | 8 | 0 | 6 | 0 | 0 | 10 | 10 | 0 | 30 |
| 31 | 24 | | 8 | | 10 | | 4 | 28 | | 0 | | 0 | 31 |
| Sum. | 146 | 266 | 175 | 386 | 202 | 189 | 234 | 255 | 200 | 303 | 404 | 137 | |

Annual Total ( 2,897 )

STATION __Purace__

CAUCA __RIVER, IN THE BASIN OF _____ ELEVATION _____ UNIT __mm__ YEAR __1969__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 4 | 30 | 0 | 10 | 0 | 0 | 8 | 8 | 0 | 1 |
| 2 | 0 | 0 | 12 | 0 | 50 | 8 | 8 | 0 | 0 | 12 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 12 | 40 | 9 | 4 | 0 | 7 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 4 | 10 | 8 | 6 | 0 | 0 | 40 | 14 | 10 | 4 |
| 5 | 0 | 0 | 0 | 5 | 0 | 10 | 6 | 5 | 0 | 10 | 30 | 4 | 5 |
| 6 | 0 | 0 | 0 | 18 | 0 | 0 | 7 | 2 | 0 | 12 | 50 | 0 | 6 |
| 7 | 0 | 18 | 0 | 0 | 0 | 4 | 12 | 10 | 8 | 18 | 40 | 16 | 7 |
| 8 | 0 | 0 | 0 | 4 | 4 | 6 | 13 | 15 | 0 | 10 | 20 | 18 | 8 |
| 9 | 0 | 0 | 0 | 10 | 8 | 8 | 8 | 0 | 0 | 8 | 9 | 10 | 9 |
| 10 | 5 | 8 | 0 | 8 | 0 | 7 | 0 | 4 | 9 | 0 | 20 | 0 | 10 |
| 11 | 7 | 6 | 4 | 20 | 0 | 5 | 6 | 0 | 10 | 20 | 0 | 90 | 11 |
| 12 | 12 | 16 | 5 | 34 | 0 | 4 | 8 | 6 | 6 | 6 | 0 | 12 | 12 |
| 13 | 8 | 0 | 4 | 16 | 4 | 0 | 10 | 8 | 8 | 24 | 0 | 0 | 13 |
| 14 | 3 | 10 | 0 | 28 | 0 | 6 | 12 | 10 | 5 | 40 | 36 | 8 | 14 |
| 15 | 10 | 12 | 0 | 22 | 0 | 0 | 10 | 8 | 6 | 30 | 5 | 0 | 15 |
| 16 | 6 | 16 | 8 | 20 | 6 | 0 | 9 | 0 | 0 | 20 | 20 | 0 | 16 |
| 17 | 7 | 0 | 0 | 18 | 0 | 0 | 13 | 4 | 0 | 0 | 10 | 8 | 17 |
| 18 | 8 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 8 | 0 | 12 | 4 | 18 |
| 19 | 12 | 0 | 0 | 17 | 10 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 19 |
| 20 | 5 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 4 | 0 | 0 | 20 |
| 21 | 40 | 0 | 0 | 20 | 6 | 0 | 10 | 5 | 7 | 20 | 14 | 8 | 21 |
| 22 | 8 | 0 | 0 | 8 | 8 | 0 | 14 | 0 | 8 | 60 | 8 | 3 | 22 |
| 23 | 20 | 0 | 0 | 12 | 6 | 0 | 8 | 8 | 6 | 50 | 14 | 8 | 23 |
| 24 | 10 | 14 | 0 | 10 | 0 | 10 | 10 | 0 | 10 | 15 | 0 | 0 | 24 |
| 25 | 8 | 5 | 0 | 30 | 0 | 12 | 14 | 5 | 20 | 18 | 0 | 0 | 25 |
| 26 | 5 | 0 | 4 | 8 | 0 | 13 | 0 | 8 | 12 | 6 | 8 | 0 | 26 |
| 27 | 4 | 4 | 0 | 0 | 5 | 8 | 0 | 0 | 14 | 8 | 5 | 10 | 27 |
| 28 | 0 | 0 | 10 | 0 | 0 | 9 | 8 | 0 | 30 | 9 | 0 | 20 | 28 |
| 29 | 0 | | 4 | 0 | 8 | 10 | 12 | 10 | 30 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 8 | 7 | 12 | 10 | 0 | 18 | 14 | 0 | 0 | 30 |
| 31 | 8 | | 15 | | 0 | | 0 | 0 | | 6 | | 0 | 31 |
| Sum. | 186 | 109 | 66 | 334 | 174 | 188 | 233 | 112 | 230 | 475 | 323 | 229 | |

Annual Total ( 2,659 )

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 12 | 20 | 0 | 8 | 7 | 0 | 0 | 0 | 50 | 15 | 0 | 1 |
| 2 | 0 | 18 | 80 | 0 | 0 | 0 | 0 | 0 | 5 | 40 | 30 | 0 | 2 |
| 3 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 12 | 38 | 0 | 3 |
| 4 | 0 | 20 | 8 | 0 | 0 | 10 | 0 | 0 | 0 | 6 | 40 | 2 | 4 |
| 5 | 0 | 6 | 0 | 2 | 28 | 0 | 0 | 5 | 0 | 5 | 8 | 1 | 5 |
| 6 | 0 | 10 | 6 | 4 | 0 | 5 | 5 | 4 | 0 | 30 | 20 | 0 | 6 |
| 7 | 0 | 0 | 0 | 6 | 12 | 0 | 1 | 3 | 3 | 30 | 30 | 0 | 7 |
| 8 | 0 | 8 | 0 | 5 | 2 | 0 | 0 | 2 | 4 | 13 | 40 | 6 | 8 |
| 9 | 0 | 6 | 0 | 4 | 0 | 0 | 0 | 2 | 5 | 10 | 20 | 20 | 9 |
| 10 | 0 | 0 | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 8 | 2 | 12 | 6 | 0 | 0 | 5 | 0 | 1 | 0 | 10 | 0 | 11 |
| 12 | 26 | 0 | 4 | 5 | 8 | 0 | 0 | 2 | 0 | 0 | 10 | 0 | 12 |
| 13 | 20 | 0 | 6 | 30 | 7 | 6 | 0 | 4 | 0 | 0 | 5 | 10 | 13 |
| 14 | 18 | 0 | 3 | 14 | 10 | 0 | 0 | 8 | 0 | 0 | 20 | 10 | 14 |
| 15 | 3 | 0 | 0 | 30 | 10 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 8 | 2 | 5 | 0 | 0 | 0 | 10 | 0 | 16 |
| 17 | 20 | 28 | 0 | 0 | 6 | 2 | 0 | 0 | 0 | 0 | 15 | 0 | 17 |
| 18 | 8 | 4 | 0 | 0 | 20 | 0 | 10 | 0 | 0 | 0 | 10 | 0 | 18 |
| 19 | 20 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 30 | 19 |
| 20 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 10 | 40 | 45 | 20 |
| 21 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 10 | 25 | 21 |
| 22 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 15 | 15 | 20 | 22 |
| 23 | 0 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 14 | 2 | 23 |
| 24 | 15 | 12 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 15 | 10 | 0 | 24 |
| 25 | 0 | 18 | 6 | 0 | 4 | 0 | 0 | 8 | 0 | 30 | 5 | 0 | 25 |
| 26 | 0 | 22 | 8 | 0 | 14 | 0 | 6 | 0 | 3 | 8 | 10 | 0 | 26 |
| 27 | 0 | 10 | 0 | 0 | 18 | 0 | 0 | 6 | 30 | 10 | 18 | 10 | 27 |
| 28 | 0 | 13 | 0 | 6 | 5 | 0 | 8 | 10 | 0 | 80 | 12 | 0 | 28 |
| 29 | 0 | | 8 | 4 | 0 | 3 | 4 | 4 | 20 | 19 | 10 | 0 | 29 |
| 30 | 0 | | 0 | - | 2 | 5 | 5 | 0 | 18 | 0 | 0 | 0 | 30 |
| 31 | 10 | | 0 | | 0 | | 0 | 5 | | 18 | | 0 | 31 |
| Sum. | 168 | 293 | 165 | 111 | 201 | 42 | 53 | 63 | 106 | 411 | 495 | 181 | |

Annual Total ( 2,311 )

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 7.0 | 15.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 0 | 0 | 1 |
| 2 | 0 | 20.0 | 15.0 | 50.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 20 0 | 0 | 2 |
| 3 | 0 | 5.0 | 12.0 | 17.0 | 0 | 0 | 0 | 10.0 | 0 | 18 0 | 10.0 | 8.0 | 3 |
| 4 | 31.0 | 18.0 | 7.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 10.0 | 20 0 | 8.0 | 4 |
| 5 | 18.0 | 8 0 | 2.0 | 30.0 | 45.0 | 0 | 0 | 0 | 0 | 10.0 | 15 0 | 0 | 5 |
| 6 | 27.0 | 70.0 | 0 | 0 | 3.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 25.0 | 5.0 | 0 | 20.0 | 2.0 | 0 | 5.0 | 5.0 | 38.0 | 0 | 0 | 0 | 7 |
| 8 | 17.0 | 29.0 | 0 | 0 | 5.0 | 0 | 0 | 2.0 | 10.0 | 12.0 | 6.0 | 0 | 8 |
| 9 | 10.0 | 15.0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 18 0 | 0 | 9 |
| 10 | 5.0 | 24.0 | 0 | 12.0 | 3.0 | 0 | 0 | 0 | 5.0 | 18.0 | 0 | 0 | 10 |
| 11 | 3.0 | 22.0 | 3.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 5.0 | 5 0 | 0 | 11 |
| 12 | 8.0 | 13.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 6.0 | 7.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 3.0 | 5 0 | 0 | 13 |
| 14 | 2.0 | 4.0 | 2.0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 14 |
| 15 | 0 | 3.0 | 0 | 28.0 | 15.0 | 0 | 4.0 | 0 | 0 | 0 | 3.0 | 0 | 15 |
| 16 | 10.0 | 17.0 | 4.0 | 25.0 | 3.0 | 10.0 | 0 | 3.0 | 0 | 0 | 0 | 15.0 | 16 |
| 17 | 20.0 | 2.0 | 2.0 | 25.0 | 18.0 | 0 | 0 | 0 | 0 | 11.0 | 45.0 | 10.0 | 17 |
| 18 | 33.0 | 25.0 | 13.0 | 10.0 | 15.0 | 5.0 | 0 | 0 | 0 | 38.0 | 22.0 | 18 0 | 18 |
| 19 | 17.0 | 12.0 | 2.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 10.0 | 10.0 | 0 | 19 |
| 20 | 25.0 | 2.0 | 5.0 | 12.0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 10 0 | 20 |
| 21 | 15.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 8.0 | 8.0 | 12 0 | 20.0 | 21 |
| 22 | 5.0 | 3.0 | 0 | 30.0 | 2.0 | 0 | 0 | 0 | 3.0 | 5.0 | 10 0 | 50 0 | 22 |
| 23 | 0 | 0 | 8.0 | 3.0 | 40.0 | 0 | 0 | 10.0 | 0 | 18.0 | 10.0 | 40.0 | 23 |
| 24 | 5.0 | 2.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 18.0 | 10 0 | 24 |
| 25 | 0 | 0 | 20.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 22.0 | 12.0 | 25 0 | 25 |
| 26 | 0 | 0 | 6.0 | 0 | 3.0 | 0 | 0 | 10.0 | 0 | 10 0 | 6.0 | 10.0 | 26 |
| 27 | 0 | 0 | 4.0 | 8.0 | 0 | 1.0 | 0 | 8.0 | 0 | 7.0 | 12.0 | 10.0 | 27 |
| 28 | 0 | 4.0 | 42.0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 28 |
| 29 | 0 | | 20.0 | 0 | 0 | 0 | 0 | 4.0 | 4.0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 20.0 | 0 | 0 | 5.0 | 0 | 3.0 | 0 | 28.0 | 0 | 0 | 30 |
| 31 | 0 | | 35.0 | | 0 | | 0 | 0 | | 15.0 | | 20.0 | 31 |
| Sum | 282.0 | 310.0 | 234.0 | 315.0 | 207.0 | 44.0 | 19.0 | 55.0 | 68.0 | 280.0 | 316.0 | 254.0 | |

Annual Total (2,384.0)

CAUCA RIVER, IN THE BASIN OF CAUCA  ELEVATION 2,646  UNIT mm  YEAR 1972

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 10.0 | 20.0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 8.0 | 0 | 4.0 | 0 | 0 | 0 | 38.0 | | 2 |
| 3 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 5.0 | 20.0 | | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | | 4 |
| 5 | 0 | 10.0 | 12.0 | 0 | 0 | 0 | 13.0 | 0 | 0 | 0 | 5.0 | | 5 |
| 6 | 0 | 5.0 | 4.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 40.0 | 13.0 | 0 | 5.0 | 0 | 8.0 | 0 | 0 | 0 | 20.0 | 0 | 7 |
| 8 | 0 | 20.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 0 | 0 | 12.0 | 8 |
| 9 | 0 | 8.0 | 17.0 | 0 | 0 | 2.0 | 5.0 | 5.0 | 0 | 0 | 0 | 15.0 | 9 |
| 10 | 0 | 40.0 | 20.0 | 25.0 | 0 | 20.0 | 0 | 0 | 0 | 4.0 | 0 | 5.0 | 10 |
| 11 | 0 | 20.0 | 0 | 12.0 | 0 | 10.0 | 13.0 | 0 | 0 | 14.0 | 0 | 4.0 | 11 |
| 12 | 0 | 35.0 | 0 | 10.0 | 0 | 10.0 | 0 | 0 | 0 | 10.0 | 13.0 | 0 | 12 |
| 13 | 30.0 | 10.0 | 10.0 | 8.0 | 0 | 10.0 | 5.0 | 0 | 0 | 28.0 | 5.0 | 0 | 13 |
| 14 | 20.0 | 8.0 | 10.0 | 0 | 0 | 12.0 | 0 | 0 | 0 | 5.0 | 3.0 | 0 | 14 |
| 15 | 20.0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 0 | 8.0 | 0 | 10.0 | 0 | 15 |
| 16 | 38.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 25.0 | 0 | 16 |
| 17 | 5.0 | 5.0 | 0 | 0 | 5.0 | 00 | 0 | 25.0 | 0 | 0 | 15.0 | 15.0 | 17 |
| 18 | 0 | 0 | 2.0 | 20.0 | 10.0 | 0 | 6.0 | 8.0 | 0 | 0 | 0 | 8.0 | 18 |
| 19 | 10.0 | 0 | 12.0 | 30.0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 3.0 | 20.0 | 19 |
| 20 | 30.0 | 30.0 | 3.0 | 20.0 | 0 | 5.0 | 5.0 | 0 | 0 | 0 | 0 | 10.0 | 20 |
| 21 | 25.0 | 0 | 30.0 | 10.0 | 20.0 | 0 | 0 | 6.0 | 5.0 | 0 | 20.0 | 18.0 | 21 |
| 22 | 4.0 | 0 | 30.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 0 | 22 |
| 23 | 12.0 | 0 | 8.0 | 8.0 | 5.0 | 8.0 | 0 | 0 | 0 | 8.0 | 28.0 | 8.0 | 23 |
| 24 | 20.0 | 0 | 5.0 | 35.0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 25.0 | 24 |
| 25 | 14.0 | 0 | 2.0 | 12.0 | 3.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 20.0 | 0 | 12.0 | 3.0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 17.0 | 0 | 0 | 10.0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 40.0 | 0 | 20.0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 28 |
| 29 | 0 | 0 | 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 2.0 | 0 | 0 | 0 | 20.0 | 0 | 25.0 | 40.0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 13.0 | | 28.0 | | 0 | 31 |
| Sum | 305.0 | 231.0 | 260.0 | 255.0 | 63.0 | 77.0 | 81.0 | 77.0 | 41.0 | 158.0 | 287.0 | 165.0 | |

Annual Total (2,000.0)

CAUCA RIVER, IN THE BASIN OF CAUCA  ELEVATION 2,646  UNIT mm  YEAR 1973

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 8.0 | 4.0 | 0 | 0 | 20.0 | 0 | 0 | 6.0 | 30.0 | 1 |
| 2 | 0 | 0 | 10.0 | 10.0 | 5.0 | 0 | 0 | 8.0 | 0 | 10.0 | 0 | 10.0 | 2 |
| 3 | 0 | 0 | 8.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 8.0 | 9.0 | 3 |
| 4 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 0 | 0 | 4 |
| 5 | 0 | 5.0 | 0 | 0 | 10.0 | 0 | 0 | 5 0 | 10.0 | 12 0 | 0 | 0 | 5 |
| 6 | 0 | 6.0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 5.0 | 40.0 | 0 | 10.0 | 6 |
| 7 | 40.0 | 10.0 | 29.0 | 0 | 5.0 | 0 | 0 | 0 | ⁴.0 | 4.0 | 0 | 13.0 | 7 |
| 8 | 0 | 20.0 | 35.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 15.0 | 8 |
| 9 | 0 | 0 | 10.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 40.0 | 9 |
| 10 | 0 | 15.0 | 13.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 4.0 | 10 |
| 11 | 0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 8.0 | 6.0 | 15.0 | 30.0 | 11 |
| 12 | 5.0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 8.0 | 5.0 | 12 |
| 13 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 5.0 | 0 | 10.0 | 0 | 0 | 0 | 5.0 | 35.0 | 00 | 25.0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 20.0 | 13.0 | 7.0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 0 | 4.0 | 15.0 | 5.0 | 3.0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 10.0 | 8.0 | 0 | 0 | 0 | 8.0 | 0 | 5.0 | 17 |
| 18 | 10.0 | 0 | 0 | 0 | 18.0 | 5.0 | 0 | 0 | 20.0 | 45.0 | 9.0 | 0 | 18 |
| 19 | 5.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 3.0 | 4.0 | 4.0 | 0 | 19 |
| 20 | 20.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 0 | 10.0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 3.0 | 0 | 30.0 | 4.0 | 0 | 20.0 | 0 | 20.0 | 21 |
| 22 | 0 | 0 | 0 | 5.0 | 0 | 5.0 | 10.0 | 3.0 | 0 | 30.0 | 0 | 10.0 | 22 |
| 23 | 0 | 0 | 0 | 4.0 | 0 | 0 | 8.0 | 5.0 | 10.0 | 20.0 | 0 | 20.0 | 23 |
| 24 | 0 | 0 | 0 | 9.0 | 5.0 | 0 | 10.0 | 00 | 8.0 | 15.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 10.0 | 0 | 0 | 15.0 | 4.0 | 2.0 | 60.0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 30.0 | 0 | 2.0 | 10.0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 20.0 | 4.0 | 0 | 5.0 | 10.0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 20.0 | 28 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 20.0 | 21.0 | 29 |
| 30 | 0 | | 5.0 | 0 | 25.0 | 0 | 6.0 | 10.0 | 0 | 15.0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 1.0 | 8.0 | | 0 | | 0 | 31 |
| Sum | 40.0 | 101.0 | 91.0 | 160.0 | 80.0 | 28.0 | 111.0 | 141.0 | 138.0 | 369.0 | 194.0 | 275.0 | |

Annual Total (1,728.0)

Precipitation — STATION Purace

CAUCA RIVER, IN THE BASIN OF CAUCA ELEVATION 2,646 UNIT mm YEAR 1974

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 12.0 | 0 | 14.0 | 12.0 | 0 | 2.0 | 0 | 0 | 10.0 | 0 | | 1 |
| 2 | 0 | 30.0 | 10.0 | 15.0 | 10.0 | 0 | 0 | 0 | 0 | 8.0 | 0 | | 2 |
| 3 | 0 | 8.0 | 8.0 | 0 | 23.0 | 7.0 | 0 | 0 | 4.0 | 5.0 | 0 | | 3 |
| 4 | 0 | 15.0 | 0 | 15.0 | 0 | 0 | 0 | 3.0 | 0 | 28.0 | 0 | | 4 |
| 5 | 0 | 0 | 15.0 | 10.0 | 25.0 | 0 | 0 | 0 | 5.0 | 5.0 | 0 | | 5 |
| 6 | 0 | 10.0 | 18.0 | 10.0 | 25.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | | 6 |
| 7 | 15.0 | 35.0 | 8.0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 12.0 | | 7 |
| 8 | 0 | 45.0 | 45.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | | 8 |
| 9 | 0 | 20.0 | 46.0 | 10.0 | 0 | 4.0 | 0 | 0 | 00 | 4.0 | 10.0 | | 9 |
| 10 | 0 | 10.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | | 10 |
| 11 | 0 | 15.0 | 18.0 | 0 | 0 | 0 | 5.0 | 2.0 | 0 | 0 | 17.0 | | 11 |
| 12 | 30.0 | 5.0 | 6.0 | 3.0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 32.0 | | 12 |
| 13 | 29.0 | 5.0 | 50.0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 9.0 | 3.0 | | 13 |
| 14 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 15.0 | | 14 |
| 15 | 10.0 | 2.0 | 40.0 | 0 | 0 | 3.0 | 3.0 | 0 | 0 | 0 | 3.0 | | 15 |
| 16 | 28.0 | 9.0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 0 | 0 | | 16 |
| 17 | 14.0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | | 17 |
| 18 | 30.0 | 5.0 | 33.0 | 0 | 0 | 8.0 | 0 | 0 | 17.0 | 8.0 | 0 | | 18 |
| 19 | 23.0 | 0 | 13.0 | 0 | 0 | 0 | 7.0 | 0 | 20.0 | 0 | 9.0 | | 19 |
| 20 | 0 | 4.0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | | 20 |
| 21 | 40.0 | 0 | 30.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | | 21 |
| 22 | 0 | 0 | 10.0 | 0 | 12.0 | 0 | 0 | 0 | 0 | 0 | 13.0 | | 22 |
| 23 | 0 | 0 | 0 | 0 | 3.0 | 3.0 | 0 | 0 | 12.0 | 35.0 | 20.0 | | 23 |
| 24 | 0 | 10.0 | 9.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 15.0 | 31.0 | | 24 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 12.0 | 45.0 | | 25 |
| 26 | 0 | 10.0 | 16.0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | | 26 |
| 27 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 5.0 | 8.0 | 13.0 | 0 | | 27 |
| 28 | 0 | 0 | 4.0 | 18.0 | 0 | 0 | 7.0 | 0 | 0 | 28.0 | 3.0 | | 28 |
| 29 | 0 | | 0 | 18.0 | 0 | 0 | 11.0 | 0 | 10.0 | 15.0 | 5.0 | | 29 |
| 30 | 0 | | 0 | 9 0 | 8.0 | 3.0 | 4.0 | 0 | 0 | 8.0 | 20.0 | | 30 |
| 31 | 25.0 | | 0 | | 5.0 | | 5.0 | 10.0 | | 30.0 | | | 31 |
| Sum | 244.0 | 275.0 | 417.0 | 152.0 | 123.0 | 32.0 | 68.0 | 20.0 | 119.0 | 260.0 | 328.0 | | |

Annual Total ( )

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Precipitation — STATION Purace

CAUCA RIVER, IN THE BASIN OF CAUCA ELEVATION 2,646 UNIT mm YEAR 1975

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.0 | 0 | 48.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 40.0 | 1 |
| 2 | 26.0 | 12.0 | 10.0 | 12.0 | 20.0 | 3.0 | 8.0 | 0 | 0 | 0 | 5.0 | 15.0 | 2 |
| 3 | 8.0 | 50.0 | 3.0 | 8.0 | 15.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 10.0 | 3 |
| 4 | 0 | 5.0 | 4.0 | 0 | 43.0 | 5.0 | 4.0 | 0 | 0 | 0 | 6.0 | 0 | 4 |
| 5 | 0 | 10.0 | 0 | 0 | 10.0 | 6.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 5 |
| 6 | 0 | 15.0 | 15.0 | 0 | 4.0 | 8.0 | 0 | 0 | 0 | 0 | 3.0 | 20.0 | 6 |
| 7 | 0 | 38.0 | 0 | 0 | 18.0 | 0 | 20.0 | 0 | 0 | 0 | 2.0 | 30.0 | 7 |
| 8 | 0 | 13.0 | 0 | 20.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 24.0 | 14.0 | 8 |
| 9 | 0 | 4.0 | 5.0 | 0 | 10.0 | 0 | 0 | 0 | 8.0 | 0 | 60.0 | 10.0 | 9 |
| 10 | 0 | 8.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 4.0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 19.0 | 0 | 15.0 | 15.0 | 50.0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 5.0 | 25.0 | 0 | 0 | 14.0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 25.0 | 0 | 5.0 | 8.0 | 25.0 | 0 | 0 | 13.0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 27.0 | 0 | 5.0 | 10.0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 18.0 | 0 | 10.0 | 8.0 | 25.0 | 0 | 0 | 14.0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 10.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 31.0 | 0 | 38.0 | 16 |
| 17 | 40.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 10.0 | 17 |
| 18 | 0 | 5.0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 15.0 | 13.0 | 10.0 | 20.0 | 18 |
| 19 | 0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 30.0 | 0 | 0 | 17.0 | 19 |
| 20 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 35.0 | 16.0 | 0 | 30.0 | 20 |
| 21 | 0 | 28.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 30.0 | 5.0 | 25.0 | 21 |
| 22 | 25.0 | 15.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 10.0 | 23.0 | 8.0 | 22 |
| 23 | 15.0 | 45.0 | 5.0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 4.0 | 0 | 12.0 | 23 |
| 24 | 0 | 26.0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 0 | 42.0 | 24 |
| 25 | 0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 70.0 | 30.0 | 20.0 | 25 |
| 26 | 18.0 | 15.0 | 0 | 20.0 | 0 | 0 | 0 | 20.0 | 0 | 18.0 | 9.0 | 40.0 | 26 |
| 27 | 0 | 28.0 | 0 | 50.0 | 0 | 0 | 0 | 0 | 4.0 | 10.0 | 18.0 | 90.0 | 27 |
| 28 | 0 | 16.0 | 0 | 10.0 | 0 | 0 | 0 | 8.0 | 0 | 8.0 | 60.0 | 28.0 | 28 |
| 29 | 0 | | 0 | 115.0 | 0 | 18.0 | 0 | 15.0 | 0 | 0 | 35.0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 33.0 | 0 | 10.0 | 0 | 50.0 | 50.0 | 0 | 30 |
| 31 | 0 | | 0 | | 4.0 | | 0 | 10.0 | | 0 | | 0 | 31 |
| Sum | 175.0 | 385.0 | 143.0 | 235.0 | 159.0 | 118.0 | 177.0 | 111.0 | 143.0 | 335.0 | 414.0 | 519.0 | |

Annual Total (2,914.0)

CAUCA   RIVER, IN THE BASIN OF   CAUCA   ELEVATION   2,646   UNIT   mm   YEAR   1976

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 4.0 | 0 | 10.0 | 10.0 | 10.0 | 1 |
| 2 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 4.0 | 8.0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 10.0 | 8.0 | 55.0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 13.0 | 0 | 0 | 0 | 4.0 | 20.0 | 20.0 | 7.0 | 4 |
| 5 | 0 | 35.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 13.0 | 12.0 | 5 |
| 6 | 0 | 10.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 10.0 | 6.0 | 0 | 6 |
| 7 | 0 | 20.0 | 33.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 3.0 | 4.0 | 3.0 | 7 |
| 8 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 0 | 0 | 8 |
| 9 | 0 | 0 | .0 | 10.0 | 0 | 4.0 | 0 | 0 | 0 | 8.0 | 3.0 | 0 | 9 |
| 10 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 6.0 | 10.0 | 5.0 | 5.0 | 10.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 20.0 | 0 | 4.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 30.0 | 0 | 10.0 | 0 | 4.0 | 0 | 0 | 0 | 15.0 | 30.0 | 0 | 13 |
| 14 | 0 | 30.0 | 0 | 60.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 10.0 | 14 |
| 15 | 0 | 8.0 | 4.0 | 40.0 | 0 | 0 | 0 | 10.0 | 0 | 3.0 | 9.0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 30.0 | 16 |
| 17 | 0 | 3.0 | 2.0 | 10.0 | 18.0 | 3.0 | 0 | 0 | 0 | 2.0 | 0 | 12.0 | 17 |
| 18 | 0 | 0 | 0 | 25.0 | 9.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 10.0 | 18 |
| 19 | 0 | 5.0 | 0 | 10.0 | 0 | 2.0 | 10.0 | 0 | 0 | 7.0 | 0 | 0 | 19 |
| 20 | 0 | 10.0 | 0 | 12.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 20 |
| 21 | 0 | 5.0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 12.0 | 21 |
| 22 | 0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 22.0 | 23 |
| 24 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 27.0 | 10.0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 25 |
| 26 | 10.0 | 8.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 40.0 | 0 | 8.0 | 26 |
| 27 | 23 0 | 0 | 23.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 6.0 | 0 | 4.0 | 27 |
| 28 | 35.0 | 0 | 30.0 | 8.0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 28 |
| 29 | 28.0 | 0 | 20.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 5.0 | 20.0 | 0 | 29 |
| 30 | 65 0 | | 9 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 8.0 | | 0 | 31 |
| Sum | 161 0 | 221.0 | 236.0 | 224.0 | 60.0 | 46.0 | 25.0 | 14.0 | 91.0 | 279.0 | 147.0 | 203.0 | |

Annual Total (1,707.0)

CAUCA   RIVER, IN THE BASIN OF   CAUCA   ELEVATION   2,646   UNIT   mm   YEAR   1977

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 30.0 | 16.0 | 5.0 | 0 | 0 | 0 | 0 | 32.0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 8.0 | 6.0 | 0 | 0 | 0 | 0 | 10.0 | 14.0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 8.0 | 15.0 | 0 | 0 | 0 | 0 | 4.0 | 5.0 | 8.0 | 5 |
| 6 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 25.0 | 0 | 6 |
| 7 | 0 | 3.0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 13.0 | 9.0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.0 | 12.0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 10.0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 4.0 | 35.0 | 0 | 0 | 0 | 10.0 | 35.0 | 10.0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 13.0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 35.0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 4.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 8.0 | 8.0 | 0 | 12.0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 6.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 16 |
| 17 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 5.0 | 0 | 3.0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 10.0 | 18 |
| 19 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 8.0 | 30.0 | 0 | 19 |
| 20 | 0 | 5.0 | 0 | 0 | 4.0 | 0 | 0 | 12.0 | 0 | 0 | 8.0 | 15.0 | 20 |
| 21 | 0 | 3.0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 12.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 22 |
| 23 | 22.0 | 0 | 8.0 | 20.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 4.0 | 0 | 23 |
| 24 | 0 | 5.0 | 12.0 | 20.0 | 4.0 | 0 | 0 | 0 | 5.0 | 30.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 22.0 | 13.0 | 0 | 0 | 0 | 13.0 | 10.0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 25.0 | 9.0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 8.0 | 0 | 10.0 | 15.0 | 0 | 18.0 | 10.0 | 0 | 18.0 | 27 |
| 28 | 3.0 | 0 | 28.0 | 42.0 | 0 | 0 | 0 | 0 | 12.0 | 12.0 | 0 | 0 | 28 |
| 29 | 0 | | 6.0 | 13.0 | 0 | 4.0 | 0 | 0 | 0 | 15.0 | 0 | 41.0 | 29 |
| 30 | 0 | | 13.0 | 0 | 0 | 20.0 | 0 | 0 | 10.0 | 5.0 | 0 | 0 | 30 |
| 31 | 10.0 | | 3.0 | | 3.0 | | 0 | 3.0 | | 10.0 | | 30.0 | 31 |
| Sum | 52.0 | 51.0 | 88.0 | 237.0 | 83.0 | 98.0 | 26.0 | 35.0 | 138.0 | 215.0 | 244.0 | 139.0 | |

Annual Total (1,406.0)

Precipitation — STATION __PIENDAMO__
PIENDAMO RIVER, IN THE BASIN OF __CAUCA__ ELEVATION __1,840__ UNIT __mm__ YEAR __1968__

| DATE | Jan. | Feb. | Mar | Apr | May | Jun. | Jul. | Aug. | Sep | Oct | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 65.0 | 10.0 | 0 | 4.0 | 2.0 | 14.0 | 0 | 25.0 | 1.0 | 0 | 0 | 1 |
| 2 | 0 | 12.0 | 16.0 | 0 | 0 | 5.0 | 5 0 | 0 | 2.0 | 0 | 0 | 14 0 | 2 |
| 3 | 0 | 8.0 | 2.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 9 0 | 3 |
| 4 | 0 | 33.0 | 0 | 2.0 | 0 | 3.0 | 15.0 | 0 | 5.0 | 2.0 | 5 0 | 19.0 | 4 |
| 5 | 0 | 3.0 | 0 | 10.0 | 0 | 38.0 | 0 | 14 0 | 2.0 | 1.0 | 0 | 0 | 5 |
| 6 | 0 | 4.0 | 0 | 25.0 | 12.0 | 1.0 | 0 | 0 | 0 | 5.0 | 2.0 | 0 | 6 |
| 7 | 0 | 7.0 | 2.0 | 1.0 | 4.0 | 0 | 0 | 0 | 2.0 | 8.0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 16.0 | 0 | 5.0 | 0 | 0 | 0 | 9.0 | 37 0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 2.0 | 43.0 | 5.0 | 5.0 | 0 | 0 | 0 | 17.0 | 14.0 | 0 | 9 |
| 10 | 0 | 0 | 32.0 | 17.0 | 11.0 | 0 | 0 | 0 | 1.0 | 0 | 6 0 | 23.0 | 10 |
| 11 | 0 | 0 | 21.0 | 4.0 | 0 | 1.0 | 0 | 0 | 0 | 7.0 | 15.0 | 2.0 | 11 |
| 12 | 3.0 | 2.0 | 0 | 2.0 | 0 | 31.0 | 0 | 0 | 0 | 26.0 | 20.0 | 0 | 12 |
| 13 | 28.0 | 0 | 8.0 | 10.0 | 2.0 | 0 | 0 | 0 | 0 | 3.0 | 2.0 | 0 | 13 |
| 14 | 0 | 0 | 6.0 | 10.0 | 12.0 | 12.0 | 0 | 0 | 4.0 | 2.0 | 14.0 | 0 | 14 |
| 15 | 8.0 | 0 | 10.0 | 10.0 | 2.0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 34.0 | 3.0 | 3.0 | 0 | 6.0 | 0 | 0 | 0 | 10.0 | 0 | 16 |
| 17 | 0 | 0 | 2.0 | 8.0 | 0 | 15.0 | 13.0 | 00 | 0 | 24.0 | 7.0 | 0 | 17 |
| 18 | 0 | 0 | 2.0 | 2.0 | 0 | 2.0 | 11.0 | 0 | 1.0 | 38.0 | 0 | 0 | 18 |
| 19 | 11.0 | 7.0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 3.0 | 7.0 | 35.0 | 3.0 | 19 |
| 20 | 3.0 | 1.0 | 0 | 0 | 0 | 4.0 | 4.0 | 0 | 3.0 | 16.0 | 3.0 | 0 | 20 |
| 21 | 29.0 | 12.0 | 0 | 4.0 | 25.0 | 0 | 0 | 0 | 0 | 1.0 | 10.0 | 7.0 | 21 |
| 22 | 0 | 18.0 | 0 | 60.0 | 1.0 | 35.0 | 0 | 0 | 0 | 0 | 14.0 | 21 0 | 22 |
| 23 | 5.0 | 8.0 | 0 | 41.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 27.0 | 7.0 | 23 |
| 24 | 18.0 | 0 | 2.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 0 | 2.0 | 24 |
| 25 | 10.0 | 0 | 0 | 0 | 1.0 | 3.0 | 0 | 5.0 | 0 | 2 0 | 0 | 0 | 25 |
| 26 | 0 | 20.0 | 0 | 2.0 | 8.0 | 1.0 | 0 | 3.0 | 0 | 0 | 18.0 | 0 | 26 |
| 27 | 0 | 14.0 | 0 | 6.0 | 1.0 | 0 | 0 | 2.0 | 16.0 | 17.0 | 25.0 | 0 | 27 |
| 28 | 0 | 10.0 | 0 | 0 | 1.0 | 0 | 0 | 3.0 | 0 | 47.0 | 3.0 | 0 | 28 |
| 29 | 71.0 | 7.0 | 0 | 6.0 | 3.0 | 0 | 0 | 0 | 0 | 3.0 | 20.0 | 0 | 29 |
| 30 | 18.0 | | 0 | 3.0 | 0 | 16.0 | 0 | 8.0 | 0 | 1.0 | 16 0 | 0 | 30 |
| 31 | 14.0 | | 0 | | 5.0 | | 0 | 20.0 | | 0 | | 0 | 31 |
| Sum | 218.0 | 231.0 | 165.0 | 274.0 | 105.0 | 174.0 | 84.0 | 55.0 | 79.0 | 265.0 | 276.0 | 107 0 | |

Annual Total (2,033.0)

Precipitation — STATION __PIENDAMO__
PIENDAMO RIVER, IN THE BASIN OF __CAUCA__ ELEVATION __1,840__ UNIT __mm__ YEAR __1969__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.0 | 1.0 | 0 | 9.0 | 11.0 | 11.0 | 0 | 0 | 0 | 4.0 | 3.0 | 2 0 | 1 |
| 2 | 0 | 0 | 6.0 | 1.0 | 19.0 | 5.0 | 0 | 0 | 0 | 24.0 | 3.0 | 5.0 | 2 |
| 3 | 0 | 2.0 | 2.0 | 19.0 | 15.0 | 36.0 | 0 | 0 | 0 | 2.0 | 0 | 8.0 | 3 |
| 4 | 0 | 11.0 | 0 | 27.0 | 4.0 | 17.0 | 0 | 0 | 0 | 31.0 | 58.0 | 5 0 | 4 |
| 5 | 0 | 2.0 | 0 | 48.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 16.0 | 3.0 | 5 |
| 6 | 0 | 8.0 | 0 | 0 | 3.0 | 3.0 | 0 | 0 | 0 | 25.0 | 25.0 | 3.0 | 6 |
| 7 | 0 | 3.0 | 0 | 41.0 | 0 | 36.0 | 1.0 | 0 | 0 | 1.0 | 19.0 | 0 | 7 |
| 8 | 0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38.0 | 2.0 | 8 |
| 9 | 0 | 13.0 | 0 | 14.9 | 18.0 | 7.0 | 0 | 0 | 0 | 2.0 | 8.0 | 4.0 | 9 |
| 10 | 8.0 | 11.0 | 0 | 1.0 | 7.0 | 4.0 | 0 | 0 | 0 | 26.0 | 2.0 | 0 | 10 |
| 11 | 1.0 | 29.0 | 0 | 5.0 | 1.0 | 9.0 | 0 | 0 | 0 | 11.0 | 3.0 | 18.0 | 11 |
| 12 | 5.0 | 1.0 | 4.0 | 23.0 | 1.0 | 2.0 | 0 | 2.0 | 0 | 9.0 | 2.0 | 45.0 | 12 |
| 13 | 10.0 | 0 | 2.0 | 0 | 1.0 | 14.0 | 0 | 0 | 0 | 15.0 | 1.0 | 2.0 | 13 |
| 14 | 16.0 | 43.0 | 14.0 | 17.0 | 9.0 | 6.0 | 0 | 0 | 0 | 20.0 | 3.0 | 0 | 14 |
| 15 | 3.0 | 41.0 | 16.0 | 24.0 | 51.0 | 0 | 0 | 1.0 | 0 | 2.0 | 5.0 | 0 | 15 |
| 16 | 0 | 34.0 | 1.0 | 24.0 | 4.0 | 0 | 0 | 24.0 | 0 | 8.0 | 22.0 | 0 | 16 |
| 17 | 4.0 | 3.0 | 2.0 | 11.0 | 10.0 | 0 | 0 | 0 | 0 | 6.0 | 14.0 | 30 0 | 17 |
| 18 | 44.0 | 6.0 | 0 | 4.0 | 0 | 0 | 0 | 2.0 | 35.0 | 0 | 0 | 1 0 | 18 |
| 19 | 10.0 | 2.0 | 0 | 5.0 | 8.0 | 3.0 | 0 | 0 | 7.0 | 0 | 0 | 6.0 | 19 |
| 20 | 10.0 | 0 | 0 | 0 | 3.0 | 2.0 | 0 | 0 | 12.0 | 0 | 3.0 | 2.0 | 20 |
| 21 | 31.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 5.0 | 1.0 | 3.0 | 2.0 | 15.0 | 21 |
| 22 | 1.0 | 1.0 | 2.0 | 15.0 | 0 | 0 | 0 | 0 | 1.0 | 2.0 | 0 | 4.0 | 22 |
| 23 | 38.0 | 4.0 | 0 | 2.0 | 0 | 0 | 0 | 11.0 | 5.0 | 15.0 | 64.0 | 2.0 | 23 |
| 24 | 9.0 | 3.0 | 2.0 | 7.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 6.0 | 4.0 | 24 |
| 25 | 1.0 | 3.0 | 6.0 | 8.0 | 0 | 2.0 | 0 | 0 | 3.0 | 6.0 | 12.0 | 4.0 | 25 |
| 26 | 16.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 30.0 | 1.0 | 0 | 26 |
| 27 | 0 | 0 | 4.0 | 0 | 0 | 3.0 | 0 | 0 | 9.0 | 0 | 0 | 1.0 | 27 |
| 28 | 10.0 | 6.0 | 10.0 | 5.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 2.0 | 0 | 28 |
| 29 | 1.0 | | 44.0 | 2.0 | 0 | 6.0 | 0 | 0 | 0 | 9 0 | 33.0 | 0 | 29 |
| 30 | 1.0 | | 1.0 | 39.0 | 0 | 6.0 | 0 | 0 | 14.0 | 2.0 | 0 | 0 | 30 |
| 31 | 27.0 | | 19.0 | | 0 | | 0 | 0 | | 0 | | 0 | 31 |
| Sum | 258.0 | 236.0 | 137.0 | 353.0 | 165.0 | 166.0 | 1.0 | 47.0 | 117.0 | 265.0 | 345.0 | 166.0 | |

Annual Total (2,256.0)

Precipitation  STATION  PIENDAMO

PIENDAMO RIVER, IN THE BASIN OF CAUCA  ELEVATION 1,840  UNIT mm  YEAR 1970

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 19.0 | 9.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 13.0 | 17.0 | 18.0 | 1 |
| 2 | 2.0 | 7.0 | 67.0 | 32.0 | 0 | 0 | 0 | 0 | 23.0 | 22.0 | 26.0 | 2.0 | 2 |
| 3 | 0 | 6.0 | 30.0 | 0 | 20.0 | 3.0 | 0 | 4.0 | 0 | 1.0 | 17.0 | 20.0 | 3 |
| 4 | 0 | 47.0 | 2.0 | 0 | 1.0 | 2.0 | 0 | 0 | 0 | 3.0 | 53.0 | 2.0 | 4 |
| 5 | 0 | 7.0 | 3.0 | 0 | 1.0 | 6.0 | 1.0 | 0 | 0 | 26.0 | 1.0 | 1.0 | 5 |
| 6 | 0 | 20.0 | 9.0 | 0 | 0 | 9.0 | 7.0 | 0 | 1.0 | 6.0 | 1.0 | 0 | 6 |
| 7 | 0 | 7.0 | 1.0 | 2.0 | 3.0 | 1.0 | 2.0 | 0 | 0 | 3.0 | 45.0 | 3.0 | 7 |
| 8 | 1.0 | 2.0 | 6.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 43.0 | 1.0 | 8 |
| 9 | 0 | 0 | 5.0 | 8.0 | 1.0 | 22.0 | 0 | 0 | 0 | 5.0 | 27.0 | 9.0 | 9 |
| 10 | 2.0 | 0 | 3.0 | 12.0 | 0 | 3.0 | 25.0 | 0 | 0 | 2.0 | 0 | 0 | 10 |
| 11 | 2.0 | 0 | 45.0 | 6.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 60.0 | 0 | 0 | 25.0 | 0 | 2.0 | 0 | 0 | 1.0 | 0 | 7.0 | 1.0 | 12 |
| 13 | 27.0 | 0 | 4.0 | 10.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 13 |
| 14 | 42.0 | 0 | 0 | 6.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 5.0 | 14 |
| 15 | 0 | 0 | 0 | 3.0 | 19.0 | 0 | 0 | 0 | 0 | 0 | 50.0 | 4.0 | 15 |
| 16 | 0 | 20.0 | 0 | 6.0 | 27.0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 1.0 | 16 |
| 17 | 1.0 | 30.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 17 |
| 18 | 35.0 | 30.0 | 0 | 0 | 45.0 | 0 | 5.0 | 2.0 | 0 | 0 | 24.0 | 4.0 | 18 |
| 19 | 2.0 | 55.0 | 0 | 1.0 | 3.0 | 0 | 3.0 | 0 | 0 | 0 | 4.0 | 19.0 | 19 |
| 20 | 20.0 | 50.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 43.0 | 30.0 | 6.0 | 35.0 | 20 |
| 21 | 11.0 | 2.0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 2.0 | 13.0 | 14.0 | 31.0 | 21 |
| 22 | 0 | 18.0 | 0 | 2.0 | 3.0 | 1.0 | 0 | 0 | 14.0 | 2.0 | 62.0 | 0 | 22 |
| 23 | 3.0 | 11.0 | 0 | 17.0 | 1.0 | 1.0 | 0 | 0 | 2.0 | 7.0 | 48.0 | 0 | 23 |
| 24 | 14.0 | 30.0 | 0 | 0 | 0 | 37.0 | 0 | 17.0 | 0 | 2.0 | 35.0 | 12.0 | 24 |
| 25 | 5.0 | 8.0 | 0 | 0 | 12.0 | 0 | 2.0 | 3.0 | 3.0 | 7.0 | 11.0 | 0 | 25 |
| 26 | 7.0 | 8.0 | 0 | 3.0 | 11.0 | 0 | 4.0 | 0 | 10.0 | 2.0 | 7.0 | 10.0 | 26 |
| 27 | 0 | 0 | 0 | 1.0 | 19.0 | 0 | 0 | 4.0 | 46.0 | 7.0 | 13.0 | 0 | 27 |
| 28 | 0 | 38.0 | 18.0 | 1.0 | 4.0 | 1.0 | 2.0 | 18.0 | 0 | 0 | 2.0 | 0 | 28 |
| 29 | 0 | | 4.0 | 17.0 | 0 | 3.0 | 10.0 | 31.0 | 3.0 | 7.0 | 33.0 | 3.0 | 29 |
| 30 | 34.0 | | 0 | 6.0 | 0 | 0 | 0 | 8.0 | 9.0 | 1.0 | 32.0 | 0 | 30 |
| 31 | 25.0 | | 0 | | 0 | | 0 | 1.0 | | 8.0 | | 0 | 31 |
| Sum | 295.0 | 415.0 | 206.0 | 161.0 | 188.0 | 95.0 | 62.0 | 88.0 | 157.0 | 185.0 | 608.0 | 182.0 | |

Annual Total (2,642.0)

Precipitation  STATION  PIENDAMO

PIENDAMO RIVER, IN THE BASIN OF CAUCA  ELEVATION 1,840  UNIT mm  YEAR 1971

| DATE | Jan | Feb | Mar. | Apr | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 6.0 | 29.0 | 46.0 | 9.0 | 1.0 | 2.0 | 0 | 4.0 | 1.0 | 26.0 | 0 | 1 |
| 2 | 0 | 6.0 | 13.0 | 6.0 | 8.0 | 0 | 2.0 | 0 | 0 | 8.0 | 3.0 | 8.0 | 2 |
| 3 | 16.0 | 25.0 | 1.0 | 0 | 1.0 | 0 | 0 | 0 | 2.0 | 25.0 | 9.0 | 13.0 | 3 |
| 4 | 29.0 | 3.0 | 12.0 | 2.0 | 28.0 | 1.0 | 0 | 1.0 | 9.0 | 6.0 | 1.0 | 1.0 | 4 |
| 5 | 44.0 | 0 | 0 | 2.0 | 1.0 | 4.0 | 3.0 | 11.0 | 0 | 23.0 | 1.0 | 2.0 | 5 |
| 6 | 18.0 | 44.0 | 0 | 31.0 | 1.0 | 4.0 | 0 | 0 | 6.0 | 0 | 3.0 | 0 | 6 |
| 7 | 46.0 | 3.0 | 18.0 | 0 | 3.0 | 4.0 | 0 | 0 | 14.0 | 4.0 | 6.0 | 0 | 7 |
| 8 | 4.0 | 25.0 | 0 | 20.0 | 2.0 | 0 | 0 | 0 | 10.0 | 1.0 | 12.0 | 0 | 8 |
| 9 | 0 | 28.0 | 4.0 | 9.0 | 0 | 0 | 0 | 0 | 8.0 | 0 | 18.0 | 3.0 | 9 |
| 10 | 4.0 | 15.0 | 29.0 | 6.0 | 1.0 | 2.0 | 0 | 0 | 2.0 | 0 | 1.0 | 1.0 | 10 |
| 11 | 8.0 | 12.0 | 21.0 | 17.0 | 0 | 1.0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 11 |
| 12 | 1.0 | 7.0 | 4.0 | 0 | 0 | 5.0 | 8.0 | 3.0 | 1.0 | 1.0 | 0 | 0 | 12 |
| 13 | 2.0 | 10.0 | 0 | 1.0 | 20.0 | 1.0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 3.0 | 0 | 3.0 | 3.0 | 3.0 | 1.0 | 0 | 0 | 0 | 1.0 | 12.0 | 2.0 | 14 |
| 15 | 4.0 | 10.0 | 3.0 | 15.0 | 1.0 | 4.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 15 |
| 16 | 68.0 | 18.0 | 18.0 | 76.0 | 15.0 | 0 | 0 | 2.0 | 1.0 | 3.0 | 12.0 | 1.0 | 16 |
| 17 | 7.0 | 18.0 | 31.0 | 15.0 | 1.0 | 0 | 0 | 1.0 | 2.0 | 1.0 | 39.0 | 5.0 | 17 |
| 18 | 10.0 | 20.0 | 2.0 | 0 | 0 | 10.0 | 0 | 1.0 | 1.0 | 0 | 3.0 | 4.0 | 18 |
| 19 | 9.0 | 14.0 | 51.0 | 4.0 | 9.0 | 0 | 0 | 0 | 0 | 3.0 | 1.0 | 0 | 19 |
| 20 | 8.0 | 0 | 2.0 | 1.0 | 1.0 | 0 | 0 | 21.0 | 13.0 | 0 | 0 | 0 | 20 |
| 21 | 6.0 | 5.0 | 40.0 | 22.0 | 0 | 1.0 | 0 | 0 | 3.0 | 2.0 | 16.0 | 3.0 | 21 |
| 22 | 5.0 | 7.0 | 12.0 | 33.0 | 1.0 | 4.0 | 0 | 0 | 0 | 4.0 | 2.0 | 50.0 | 22 |
| 23 | 5.0 | 1.0 | 26.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 1.0 | 7.0 | 23 |
| 24 | 17.0 | 0 | 5.0 | 0 | 4.0 | 0 | 0 | 15.0 | 0 | 10.0 | 12.0 | 11.0 | 24 |
| 25 | 23.0 | 0 | 7.0 | 3.0 | 1.0 | 0 | 0 | 2.0 | 0 | 9.0 | 11.0 | 14.0 | 25 |
| 26 | 3.0 | 10.0 | 3.0 | 25.0 | 0 | 8.0 | 0 | 4.0 | 0 | 13.0 | 2.0 | 1.0 | 26 |
| 27 | 0 | 0 | 25.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 10.0 | 0 | 10.0 | 27 |
| 28 | 12.0 | 8.0 | 78.0 | 10.0 | 1.0 | 2.0 | 0 | 0 | 0 | 1.0 | 0 | 6.0 | 28 |
| 29 | 2.0 | | 10.0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 3.0 | 29 |
| 30 | 17.0 | | 19.0 | 16.0 | 0 | 2.0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 30 |
| 31 | 2.0 | | 23.0 | | 1.0 | | 0 | 0 | | 0 | | 0 | 31 |
| Sum | 373.0 | 295.0 | 489.0 | 364.0 | 113.0 | 56.0 | 15.0 | 76.0 | 79.0 | 134.0 | 193.0 | 145.0 | |

Annual Total (2,332.0)

Precipitation — STATION __PIENDAMO__

PIENDAMO RIVER, IN THE BASIN OF __CAUCA__   ELEVATION __1,840__ UNIT __mm__ YEAR __1972__

| DATE | Jan | Feb | Mar. | Apr. | May | Jun. | Jul | Aug | Sep | Oct. | Nov. | Dec | DATE |
|------|-----|-----|------|------|-----|------|-----|-----|-----|------|------|-----|------|
| 1 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 3 0 | 8.0 | 1 |
| 2 | 0 | 0 | 18.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 23.0 | 0 | 2 |
| 3 | 3.0 | 5.0 | 1.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 19.0 | 117.0 | 4.0 | 3 |
| 4 | 2.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 7 0 | 0 | 4 |
| 5 | 0 | 0 | 2.0 | 0 | 22.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 7.0 | 5 |
| 6 | 3 0 | 13.0 | 36.0 | 0 | 16.0 | 0 | 1.0 | 0 | 0 | 0 | 4 0 | 0 | 6 |
| 7 | 0 | 42.0 | 36 0 | 0 | 2.0 | 0 | 2.0 | 0 | 0 | 7.0 | 16 0 | 2.0 | 7 |
| 8 | 14.0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 11.0 | 8 |
| 9 | 0 | 1.0 | 18.0 | 13.0 | 3.0 | 1.0 | 0 | 0 | 0 | 4.0 | 2 0 | 19.0 | 9 |
| 10 | 0 | 28.0 | 21.0 | 5.0 | 0 | 7.0 | 0 | 0 | 0 | 12.0 | 7 0 | 14.0 | 10 |
| 11 | 0 | 36.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 23.0 | 9.0 | 0 | 11 |
| 12 | 4.0 | 1.0 | 0 | 13.0 | 0 | 1.0 | 0 | 0 | 0 | 1 0 | 9.0 | 0 | 12 |
| 13 | 5.0 | 8.0 | 0 | 6.0 | 0 | 1.0 | 0 | 0 | 0 | 21.0 | 41 0 | 7 0 | 13 |
| 14 | 19.0 | 1.0 | 26.0 | 0 | 0 | 12 0 | 0 | 0 | 0 | 0 | 7 0 | 1 0 | 14 |
| 15 | 46 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 39.0 | 0 | 18 0 | 0 | 15 |
| 16 | 59.0 | 19 0 | 1.0 | 29.0 | 15.0 | 0 | 0 | 8 0 | 3 0 | 0 | 2 0 | 12 0 | 16 |
| 17 | 12 0 | 4 0 | 2.0 | 0 | 23.0 | 0 | 0 | 38 0 | 1 0 | 0 | 14 0 | 36 0 | 17 |
| 18 | 3 0 | 0 | 15 0 | 15 0 | 36.0 | 0 | 0 | 4.0 | 3 0 | 0 | 0 | 25 0 | 18 |
| 19 | 2.0 | 0 | 18.0 | 36.0 | 4.0 | 0 | 0 | 3.0 | 29.0 | 0 | 0 | 15 0 | 19 |
| 20 | 28.0 | 17.0 | 0 | 1.0 | 3.0 | 0 | 0 | 0 | 1.0 | 0 | 13.0 | 18.0 | 20 |
| 21 | 13.0 | 0 | 36.0 | 21.0 | 15.0 | 1.0 | 0 | 5.0 | 0 | 0 | 12.0 | 4 0 | 21 |
| 22 | 0 | 0 | 5.0 | 9.0 | 11.0 | 0 | 0 | 0 | 6.0 | 4 0 | 54.0 | 0 | 22 |
| 23 | 3.0 | 0 | 10.0 | 4.0 | 5.0 | 1.0 | 0 | 0 | 0 | 3 0 | 5 0 | 0 | 23 |
| 24 | 12.0 | 0 | 0 | 33.0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 0 | 0 | 24 |
| 25 | 25.0 | 0 | 4.0 | 4.0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 13.0 | 1 0 | 25 |
| 26 | 18.0 | 0 | 5.0 | 0 | 30.0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 10.0 | 0 | 2.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 0 | 0 | 27 |
| 28 | 22.0 | 13.0 | 2.0 | 19.0 | 7.0 | 0 | 0 | 0 | 2.0 | 44.0 | 2 0 | 0 | 28 |
| 29 | 16.0 | 3.0 | 3.0 | 16.0 | 0 | 0 | 0 | 0 | 37.0 | 30 0 | 7 0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 17.0 | 0 | 39.0 | 71 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 16.0 | | 11.0 | | 0 | 31 |
| Sum | 319.0 | 194.0 | 283.0 | 232.0 | 201.0 | 29.0 | 4.0 | 101.0 | 133.0 | 209 0 | 499 0 | 184 0 | |

Annual Total (2,368 0)

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Precipitation — STATION __PIENDAMO__

PIENDAMO RIVER, IN THE BASIN OF __CAUCA__   ELEVATION __1,840__ UNIT __mm__ YEAR __1973__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|
| 1 | 1.0 | 0 | 37.0 | 26.0 | 2.0 | 0 | 2.0 | 6.0 | 5.0 | 0 | 3.0 | 36 0 | 1 |
| 2 | 0 | 0 | 26.0 | 7.0 | 4.0 | 1.0 | 0 | 2.0 | 0 | 6.0 | 0 | 1.0 | 2 |
| 3 | 0 | 0 | 8.0 | 0 | 3.0 | 0 | 0 | 12.0 | 0 | 3.0 | 11.0 | 10 0 | 3 |
| 4 | 0 | 0 | 0 | 9.0 | 22.0 | 0 | 0 | 0 | 0 | 28.0 | 1.0 | 1.0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 15.0 | 5.0 | 0 | 2.0 | 5.0 | 2 0 | 1 0 | 18.0 | 5 |
| 6 | 0 | 36.0 | 7.0 | 5.0 | 0 | 1.0 | 0 | 0 | 4.0 | 8 0 | 0 | 18 0 | 6 |
| 7 | 10.0 | 3.0 | 5.0 | 11.0 | 10.0 | 1 0 | 0 | 0 | 1.0 | 4.0 | 28.0 | 13 0 | 7 |
| 8 | 10.0 | 9.0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 22 0 | 3 0 | 8 |
| 9 | 0 | 3.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 14 0 | 63 0 | 50 0 | 9 |
| 10 | 2.0 | 0 | 12.0 | 0 | 1.0 | 4.0 | 0 | 0 | 1.0 | 0 | 9 0 | 2 0 | 10 |
| 11 | 3.0 | 0 | 3.0 | 0 | 0 | 1.0 | 0 | 0 | 6 0 | 0 | 29 0 | 47 0 | 11 |
| 12 | 1.0 | 0 | 0 | 3.0 | 0 | 3 0 | 0 | 00 | 20 0 | 0 | 6 0 | 0 | 12 |
| 13 | 0 | 15.0 | 3 0 | 0 | 0 | 0 | 0 | 1 0 | 4 0 | 2 0 | 10 0 | 4 0 | 13 |
| 14 | 0 | 5.0 | 42.0 | 20.0 | 0 | 1.0 | 0 | 4.0 | 19.0 | 3 0 | 24 0 | 2 0 | 14 |
| 15 | 0 | 3.0 | 0 | 21.0 | 1.0 | 0 | 7 0 | 1.0 | 1 0 | 32 0 | 20 0 | 7 0 | 15 |
| 16 | 7.0 | 0 | 0 | 12.0 | 0 | 6.0 | 0 | 0 | 22.0 | 17.0 | 6 0 | 0 | 16 |
| 17 | 14.0 | 0 | 0 | 11.0 | 7.0 | 6.0 | 4.0 | 0 | 4.0 | 0 | 0 | 4 0 | 17 |
| 18 | 13.0 | 0 | 0 | 0 | 36.0 | 5 0 | 0 | 0 | 8.0 | 30 0 | 1.0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 15.0 | 1.0 | 1.0 | 4.0 | 0 | 5.0 | 2.0 | 21 0 | 19 |
| 20 | 3.0 | 0 | 0 | 1.0 | 15.0 | 0 | 14.0 | 4 0 | 20.0 | 1.0 | 0 | 39.0 | 20 |
| 21 | 3.0 | 2.0 | 0 | 0 | 8.0 | 0 | 0 | 6.0 | 2.0 | 0 | 0 | 11 0 | 21 |
| 22 | 7.0 | 0 | 0 | 6.0 | 3.0 | 13.0 | 0 | 0 | 6.0 | 11.0 | 1.0 | 3 0 | 22 |
| 23 | 7.0 | 2.0 | 0 | 1.0 | 3.0 | 0 | 4.0 | 0 | 6.0 | 10.0 | 0 | 1 0 | 23 |
| 24 | 0 | 0 | 19.0 | 11.0 | 9.0 | 0 | 11.0 | 0 | 14 0 | 2.0 | 1 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 32.0 | 5.0 | 1.0 | 14 0 | 0 | 5.0 | 4 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 0 | 5 0 | 3 0 | 1.0 | 0 | 26 |
| 27 | 0 | 0 | 7.0 | 0 | 4.0 | 0 | 0 | 17.0 | 0 | 0 | 15 0 | 6 0 | 27 |
| 28 | 0 | 0 | 2 0 | 0 | 0 | 1.0 | 1.0 | 4.0 | 8.0 | 3 0 | 45 0 | 0 | 28 |
| 29 | 0 | | 0 | 1.0 | 4.0 | 0 | 6.0 | 5.0 | 0 | 3 0 | 3 0 | 13.0 | 29 |
| 30 | 0 | | 10 0 | 1.0 | 4.0 | 0 | 3.0 | 0 | 0 | 0 | 25 0 | 48.0 | 30 |
| 31 | 0 | | 7.0 | | 0 | | 20.0 | 23.0 | | 75.0 | | 1.0 | 31 |
| Sum | 81.0 | 78.0 | 202.0 | 179.0 | 171.0 | 50.0 | 87.0 | 121.0 | 167.0 | 266.0 | 327.0 | 359.0 | |

Annual Total (2,088.0)

Precipitation  STATION  PIENDAMO
PIENDAMO RIVER, IN THE BASIN OF CAUCA  ELEVATION 1,840  UNIT mm  YEAR 1974

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 19.0 | 9.0 | 7.0 | 7.0 | 1.0 | 0 | 1.0 | 3.0 | 7.0 | 0 | 25.0 | 1 |
| 2 | 9.0 | 53.0 | 6.0 | 5.0 | 5.0 | 3.0 | 0 | 0 | 0 | 7.0 | 0 | 10.0 | 2 |
| 3 | 16.0 | 10.0 | 3.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 9.0 | 1.0 | 1.0 | 3 |
| 4 | 0 | 1.0 | 3.0 | 7.0 | 3.0 | 0 | 0 | 1.0 | 0 | 40.0 | 18.0 | 0 | 4 |
| 5 | 25.0 | 34.0 | 0 | 10.0 | 10.0 | 0 | 0 | 0 | 0 | 9.0 | 4.0 | 1.0 | 5 |
| 6 | 7.0 | 15.0 | 8.0 | 0 | 11.0 | 0 | 0 | 0 | 1.0 | 3.0 | 0 | 2.0 | 6 |
| 7 | 1.0 | 36.0 | 15.0 | 16.0 | 2.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 2.0 | 7 |
| 8 | 0 | 26.0 | 34.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 17.0 | 3.0 | 8 |
| 9 | 13.0 | 16.0 | 18.0 | 4.0 | 3.0 | 0 | 0 | 0 | 2.0 | 0 | 7.0 | 0 | 9 |
| 10 | 0 | 21.0 | 2.0 | 1.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 34.0 | 0 | 10 |
| 11 | 14.0 | 22 0 | 27.0 | 5.0 | 0 | 0 | 1.0 | 0 | 7.0 | 0 | 25.0 | 0 | 11 |
| 12 | 1.0 | 7 0 | 25.0 | 0 | 10.0 | 1.0 | 0 | 12 0 | 3 0 | 0 | 0 | 0 | 12 |
| 13 | 27.0 | 18 0 | 78.0 | 0 | 0 | 0 | 0 | 18 0 | 9.0 | 2 0 | 2.0 | 0 | 13 |
| 14 | 4 0 | 0 | 2.0 | 0 | 0 | 1.0 | 4.0 | 0 | 7.0 | 8.0 | 54.0 | 39.0 | 14 |
| 15 | 9.0 | 4.0 | 2.0 | 11.0 | 0 | 3.0 | 2.0 | 0 | 0 | 0 | 40.0 | 25.0 | 15 |
| 16 | 5.0 | 10.0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 11.0 | 1.0 | 14.0 | 16 |
| 17 | 27.0 | 16.0 | 0 | 5.0 | 1.0 | 12.0 | 26.0 | 0 | 10.0 | 0 | 9.0 | 0 | 17 |
| 18 | 16.0 | 8.0 | 6.0 | 0 | 0 | 10.0 | 17.0 | 0 | 1.0 | 3.0 | 9.0 | 1.0 | 18 |
| 19 | 34.0 | 10.0 | 5.0 | 0 | 0 | 1.0 | 3.0 | 0 | 1.0 | 2.0 | 1.0 | 0 | 19 |
| 20 | 0 | 0 | 4.0 | 0 | 0 | 4.0 | 1.0 | 0 | 13.0 | 0 | 27.0 | 0 | 20 |
| 21 | 0 | 2.0 | 7.0 | 0 | 0 | 9.0 | 4.0 | 0 | 7.0 | 2 0 | 9.0 | 0 | 21 |
| 22 | 0 | 0 | 4.0 | 0 | 33.0 | 0 | 0 | 0 | 4.0 | 10.0 | 3.0 | 0 | 22 |
| 23 | 5.0 | 0 | 7.0 | 18.0 | 18.0 | 1.0 | 0 | 0 | 21.0 | 44.0 | 49.0 | 0 | 23 |
| 24 | 1.0 | 1.0 | 9.0 | 2.0 | 1.0 | 0 | 0 | 0 | 3.0 | 2.0 | 4.0 | 0 | 24 |
| 25 | 12.0 | 0 | 4.0 | 0 | 0 | 1.0 | 1.0 | 0 | 33.0 | 19.0 | 8.0 | 2 0 | 25 |
| 26 | 13.0 | 25 0 | 2.0 | 31.0 | 0 | 1.0 | 0 | 0 | 76.0 | 3.0 | 13.0 | 0 | 26 |
| 27 | 2.0 | 0 | 8.0 | 8.0 | 0 | 0 | 0 | 2.0 | 4.0 | 1.0 | 1.0 | 9.0 | 27 |
| 28 | 1 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 1.0 | 2.0 | 1.0 | 0 | 2.0 | 28 |
| 29 | 3.0 | | 0 | 6.0 | 0 | 0 | 1.0 | 8.0 | 1.0 | 0 | 2.0 | 20.0 | 29 |
| 30 | 27 0 | | 0 | 45.0 | 3 0 | 0 | 0 | 19.0 | 11.0 | 37.0 | 47.0 | 1.0 | 30 |
| 31 | 42 0 | | 9 0 | | 2 0 | | 0 | 5.0 | | 4.0 | | 26.0 | 31 |
| Sum | 315 0 | 354.0 | 312 0 | 190.0 | 114.0 | 50.0 | 60.0 | 57.0 | 223.0 | 233.0 | 385.0 | 183.0 | |

Annual Total (2,476.0)

Precipitation  STATION  PIENDAMO
PIENDAMO RIVER, IN THE BASIN OF CAUCA  ELEVATION 1,840  UNIT mm  YEAR 1975

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.0 | 42.0 | 9 0 | 0 | 2.0 | 3.0 | 7.0 | 0 | 1.0 | 0 | 2.0 | 24.0 | 1 |
| 2 | 38.0 | 27.0 | 2.0 | 0 | 39.0 | 0 | 8.0 | 0 | 0 | 0 | 7.0 | 25.0 | 2 |
| 3 | 1.0 | 50.0 | 7.0 | 12.0 | 3.0 | 2.0 | 17.0 | 0 | 1.0 | 13.0 | 3.0 | 0 | 3 |
| 4 | 0 | 0 | 2.0 | 1.0 | 8.0 | 1.0 | 24.0 | 0 | 0 | 1.0 | 5.0 | 0 | 4 |
| 5 | 0 | 22.0 | 2.0 | 2.0 | 1.0 | 36.0 | 3.0 | 0 | 0 | 0 | 9.0 | 5.0 | 5 |
| 6 | 0 | 15.0 | 1.0 | 4.0 | 38.0 | 2.0 | 2.0 | 0 | 0 | 14.0 | 13.0 | 47.0 | 6 |
| 7 | 0 | 27.0 | 4.0 | 0 | 2.0 | 2.0 | 7.0 | 0 | 1.0 | 0 | 3.0 | 12.0 | 7 |
| 8 | 0 | 2.0 | 2.0 | 4.0 | 6.0 | 0 | 0 | 0 | 0 | 3.0 | 4.0 | 1.0 | 8 |
| 9 | 0 | 24.0 | 16.0 | 0 | 8.0 | 0 | 14.0 | 0 | 0 | 0 | 21.0 | 8.0 | 9 |
| 10 | 1.0 | 0 | 0 | 0 | 2.0 | 0 | 2.0 | 0 | 1.0 | 8.0 | 40.0 | 1.0 | 10 |
| 11 | 0 | 0 | 0 | 1.0 | 0 | 0 | 46.0 | 0 | 12.0 | 16.0 | 51.0 | 0 | 11 |
| 12 | 0 | 1.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 2.0 | 0 | 12 |
| 13 | 6.0 | 0 | 33.0 | 0 | 3.0 | 0 | 9.0 | 4.0 | 0 | 9.0 | 1.0 | 0 | 13 |
| 14 | 1.0 | 0 | 8.0 | 0 | 18.0 | 0 | 14.0 | 0 | 1.0 | 4.0 | 11.0 | 0 | 14 |
| 15 | 0 | 0 | 2.0 | 3.0 | 4.0 | 0 | 4 0 | 0 | 0 | 13.0 | 8.0 | 3.0 | 15 |
| 16 | 1.0 | 12.0 | 2.0 | 7.0 | 2.0 | 0 | 1.0 | 0 | 0 | 38.0 | 8.0 | 66.0 | 16 |
| 17 | 3.0 | 40.0 | 17.0 | 3.0 | 0 | 0 | 0 | 0 | 16.0 | 0 0 | 1.0 | 36.0 | 17 |
| 18 | 1.0 | 2.0 | 2.0 | 0 | 34.0 | 0 | 0 | 0 | 2.0 | 6.0 | 3.0 | 2.0 | 18 |
| 19 | 0 | 19.0 | 1.0 | 0 | 0 | 0 | 0 | 33.0 | 19.0 | 7.0 | 8.0 | 6.0 | 19 |
| 20 | 0 | 3.0 | 3.0 | 0 | 0 | 0 | 0 | 7.0 | 10.0 | 6.0 | 5.0 | 28.0 | 20 |
| 21 | 11.0 | 32.0 | 0 | 0 | 0 | 2.0 | 0 | 5.0 | 1.0 | 20.0 | 3.0 | 32.0 | 21 |
| 22 | 1.0 | 32.0 | 1.0 | 0 | 1.0 | 10.0 | 0 | 0 | 7.0 | 0 | 25.0 | 2.0 | 22 |
| 23 | 21.0 | 13.0 | 13.0 | 0 | 4.0 | 2.0 | 0 | 1.0 | 2.0 | 0 | 30.0 | 24.0 | 23 |
| 24 | 0 | 3.0 | 23.0 | 0 | 1.0 | 0 | 1.0 | 9.0 | 2.0 | 4.0 | 0 | 20.0 | 24 |
| 25 | 0 | 5.0 | 7.0 | 0 | 2.0 | 0 | 0 | 13.0 | 0 | 6.0 | 1.0 | 16.0 | 25 |
| 26 | 5.0 | 28.0 | 0 | 18.0 | 0 | 0 | 0 | 5.0 | 1.0 | 39.0 | 56.0 | 11.0 | 26 |
| 27 | 0 | 7.0 | 0 | 25.0 | 1.0 | 1.0 | 1.0 | 3.0 | 0 | 19.0 | 52.0 | 55.0 | 27 |
| 28 | 0 | 15.0 | 0 | 26.0 | 1.0 | 1.0 | 12.0 | 15.0 | 0 | 7.0 | 42.0 | 17.0 | 28 |
| 29 | 0 | | 1.0 | 11.0 | 1.0 | 14.0 | 0 | 6.0 | 0 | 1.0 | 24.0 | 8.0 | 29 |
| 30 | 0 | | 2.0 | 0 | 2.0 | 16.0 | 0 | 29.0 | 0 | 17.0 | 34.0 | 0 | 30 |
| 31 | 5.0 | | 69.0 | | 16.0 | | 1.0 | 8.0 | | 6.0 | | 0 | 31 |
| Sum | 109.0 | 421.0 | 233.0 | 117.0 | 199.0 | 92.0 | 173.0 | 138.0 | 77.0 | 257.0 | 472.0 | 449.0 | |

Annual Total (2,737.0)

V - 124

| DATE | Jan | Feb | Mar | Apr | May | Jun. | Jul | Aug. | Sep | Oct. | Nov | Dec. | DATE |
|------|-----|-----|-----|-----|-----|------|-----|------|-----|------|-----|------|------|
| 1 | 0 | 13 0 | 1.0 | 0 | 2.0 | 0 | 1 0 | 0 | 0 | 58.0 | 6 0 | 34.0 | 1 |
| 2 | 1 0 | 1.0 | 10 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 21.0 | 2.0 | 62.0 | 2 |
| 3 | 1 0 | 0 | 1.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 16.0 | 11.0 | 31.0 | 3 |
| 4 | 31 0 | 0 | 9 0 | 0 | 1.0 | 0 | 0 | 0 | 2.0 | 7.0 | 0 | 18.0 | 4 |
| 5 | 5.0 | 9 0 | 0 | 1.0 | 2.0 | 0 | 0 | 0 | 2.0 | 6.0 | 0 | 2.0 | 5 |
| 6 | 3.0 | 15.0 | 30.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 1.0 | 16.0 | 5.0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 7.0 | 1.0 | 7 |
| 8 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.0 | 2.0 | 3.0 | 8 |
| 9 | 0 | 0 | 12.0 | 33.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 9 |
| 10 | 0 | 25.0 | 1.0 | 21.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 10 |
| 11 | 0 | 17 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 11 |
| 12 | 0 | 1.0 | 0 | 2.0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 12 |
| 13 | 0 | 5.0 | 7.0 | 15.0 | 4.0 | 2.0 | 0 | 0 | 0 | 18.0 | 1.0 | 0 | 13 |
| 14 | 0 | 21.0 | 3.0 | 27.0 | 16.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 45.0 | 14 |
| 15 | 0 | 3.0 | 0 | 2.0 | 2.0 | 3 0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 15 |
| 16 | 0 | 20.0 | 2.0 | 10.0 | 16.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 10.0 | 16 |
| 17 | 0 | 1 0 | 4.0 | 34.0 | 4.0 | 0 | 0 | 4.0 | 0 | 3.0 | 1.0 | 11.0 | 17 |
| 18 | 0 | 3.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 1.0 | 18 |
| 19 | 0 | 15.0 | 4.0 | 1.0 | 0 | 0 | 0 | 23.0 | 0 | 5.0 | 0 | 0 | 19 |
| 20 | 0 | 12.0 | 1.0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 0 | 2.0 | 20 |
| 21 | 0 | 4.0 | 2.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 4 0 | 21 |
| 22 | 0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 22 |
| 23 | 4.0 | 7.0 | 1.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 11 0 | 23 |
| 24 | 0 | 1.0 | 11.0 | 41.0 | 0 | 0 | 0 | 0 | 22.0 | 12.0 | 0 | 1.0 | 24 |
| 25 | 0 | 8.0 | 2.0 | 3.0 | 0 | 0 | 0 | 0 | 19.0 | 6.0 | 0 | 0 | 25 |
| 26 | 40.0 | 9.0 | 14.0 | 7.0 | 1.0 | 0 | 0 | 0 | 33.0 | 29 0 | 0 | 0 | 26 |
| 27 | 11.0 | 4.0 | 6.0 | 3.0 | 2.0 | 2.0 | 0 | 0 | 15.0 | 1.0 | 0 | 0 | 27 |
| 28 | 7.0 | 3.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 4.0 | 0 | 5.0 | 14.0 | 28 |
| 29 | 28.0 | 0 | 2.0 | 4.0 | 3.0 | 0 | 0 | 0 | 0 | 1.0 | 9.0 | 0 | 29 |
| 30 | 17.0 | | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 13.0 | 13.0 | 11.0 | 2.0 | 30 |
| 31 | 0 | | 35.0 | | 1.0 | | 0 | 0 | | 0 | | 7.0 | 31 |
| Sum | 152.0 | 226.0 | 164.0 | 215.0 | 65.0 | 12.0 | 1.0 | 27.0 | 97.0 | 235.0 | 70.0 | 259.0 | |

Annual Total (1,523.0)

| DATE | Jan | Feb | Mar | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct | Nov | Dec. | DATE |
|------|-----|-----|-----|------|-----|------|------|------|------|-----|-----|------|------|
| 1 | 0 | 1.5 | 0 | 3 0 | 9.0 | 29.0 | 0 | 1 0 | 0 | 7.0 | 3.0 | 1.0 | 1 |
| 2 | 0 | 0 | 0 | 2.0 | 24.0 | 3.0 | 9 0 | 0 | 0 | 3.0 | 11.0 | 1.0 | 2 |
| 3 | 0 | 1.5 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 5.0 | 3.0 | 3 |
| 4 | 0 | 0 | 0 | 4.0 | 34.0 | 12.0 | 0 | 0 | 0 | 15.0 | 1.0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 9.0 | 6.0 | 0 | 1.0 | 0 | 0 | 2.0 | 4.0 | 3.0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 12.0 | 0 | 56.0 | 26.0 | 0 | 6 |
| 7 | 0 | 1.0 | 0 | 2.0 | 0 | 5.0 | 0 | 10.0 | 0 | 10.0 | 3.0 | 1 0 | 7 |
| 8 | 0 | 0 | 0 | 7.0 | 2.0 | 0 | 0 | 0 | 0 | 29.0 | 1 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 2.0 | 5.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 1.0 | 6.0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 9.0 | 0 | 3 0 | 10 |
| 11 | 1.0 | 0 | 0 | 0 | 8.0 | 36.0 | 0 | 0 | 0 | 4.0 | 1 0 | 2 0 | 11 |
| 12 | 0 | 0 | 8.0 | 0 | 0 | 1.0 | 0 | 1.0 | 0 | 2.0 | 22.0 | 1 0 | 12 |
| 13 | 0 | 1.0 | 0 | 1.0 | 0 | 6.0 | 0 | 2.0 | 1.0 | 2.0 | 0 | 3 0 | 13 |
| 14 | 0 | 1.0 | 0 | 1.0 | 5.0 | 0 | 0 | 4.0 | 4.0 | 0 | 22.0 | 1 0 | 14 |
| 15 | 0 | 1.0 | 0 | 0 | 33.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 18.0 | 5 0 | 0 | 16 |
| 17 | 0 | 2.0 | 0 | 1.0 | 21.0 | 0 | 0 | 0 | 0 | 34.0 | 28 0 | 0 | 17 |
| 18 | 1.0 | 3.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 3 0 | 0 | 18 |
| 19 | 6.0 | 8.0 | 0 | 0 | 1.0 | 0 | 0 | 18.0 | 0 | 0 | 9 0 | 3.0 | 19 |
| 20 | 0 | 30.0 | 0 | 12.0 | 0 | 3.0 | 0 | 2.0 | 11.0 | 0 | 0 | 0 | 20 |
| 21 | 1.5 | 0 | 2.0 | 6.0 | 0 | 3.0 | 0 | 18.0 | 14.0 | 0 | 0 | 0 | 21 |
| 22 | 3.0 | 0 | 12.0 | 23.0 | 0 | 0 | 0 | 1.0 | 6.0 | 0 | 0 | 0 | 22 |
| 23 | 6.0 | 4.0 | 2.0 | 12.0 | 3.0 | 0 | 0 | 0 | 1.0 | 14.0 | 3.0 | 0 | 23 |
| 24 | 1 5 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 2.0 | 9 0 | 12.0 | 24 |
| 25 | 4.5 | 6 0 | 2.0 | 62.0 | 35 0 | 0 | 1.0 | 0 | 19.0 | 7.0 | 4.0 | 1.0 | 25 |
| 26 | 6.0 | 0 | 0 | 104.0 | 3.0 | 0 | 1.0 | 0 | 41.0 | 22.0 | 5.0 | 0 | 26 |
| 27 | 0 | 1.0 | 0 | 45.0 | 3.0 | 0 | 3.0 | 0 | 13.0 | 1.0 | 0 | 2.0 | 27 |
| 28 | 0 | 0 | 37.0 | 60.0 | 0 | 0 | 0 | 0 | 2.0 | 2.0 | 0 | 11.0 | 28 |
| 29 | 0 | | 32.0 | 3.0 | 0 | 1.0 | 0 | 0 | 2.0 | 1.0 | 0 | 6.0 | 29 |
| 30 | 26.8 | | 12.0 | 5.0 | 0 | 10.0 | 0 | 2.0 | 21.0 | 1.0 | 0 | 5.0 | 30 |
| 31 | 7.4 | | 17.0 | | 0 | | 1.0 | 0 | | 17.0 | | 72.0 | 31 |
| Sum | 65.7 | 67.0 | 128.0 | 377.0 | 191.0 | 115.0 | 17.0 | 74.0 | 151.0 | 259.0 | 164.0 | 131.0 | |

Annual Total (1,739.7)

PIENDAMO RIVER, IN THE BASIN OF CAUCA    ELEVATION 1,840    UNIT mm    YEAR 1978

| DATE | Jan | Feb | Mar | Apr | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 0 | 0 | 4 0 | 3 0 | 0 | 2 0 | | | | | | | 1 |
| 2 | 5.0 | 0 | 40.0 | 4.0 | 3.0 | 4.0 | | | | | | | 2 |
| 3 | 0 | 0 | 0 | 3.0 | 14.0 | 2.0 | | | | | | | 3 |
| 4 | 0 | 0 | 15 0 | 0 | 0 | 1.0 | | | | | | | 4 |
| 5 | 15.0 | 4.0 | 3 0 | 15.0 | 2.0 | 0 | | | | | | | 5 |
| 6 | 6.0 | 5 0 | 23 0 | 4.0 | 3.0 | 1.0 | | | | | | | 6 |
| 7 | 4 0 | 5.0 | 5.0 | 1.0 | 1.0 | 1.0 | | | | | | | 7 |
| 8 | 3 0 | 11.0 | 4.0 | 2.0 | 6.0 | 0 | | | | | | | 8 |
| 9 | 41.0 | 0 | 19.0 | 0 | 8.0 | 0 | | | | | | | 9 |
| 10 | 30.0 | 0 | 0 | 10.0 | 11.0 | 0 | | | | | | | 10 |
| 11 | 35.0 | 0 | 0 | 1.0 | 0 | 1.0 | | | | | | | 11 |
| 12 | 13.0 | 1.0 | 0 | 0 | 0 | 0 | | | | | | | 12 |
| 13 | 0 | 0 | 0 | 0 | 3.0 | 0 | | | | | | | 13 |
| 14 | 7.0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 14 |
| 15 | 0 | 0 | 0 | 52.0 | 0 | 10.0 | | | | | | | 15 |
| 16 | 22.0 | 0 | 0 | 15.0 | 1 0 | 4.0 | | | | | | | 16 |
| 17 | 0 | 0 | 0 | 2.0 | 0 | 1.0 | | | | | | | 17 |
| 18 | 0 | 0 | 0 | 1.0 | 0 | 1.0 | | | | | | | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 1.0 | | | | | | | 20 |
| 21 | 0 | 0 | 0 | 4.0 | 0 | 0 | | | | | | | 21 |
| 22 | 0 | 0 | 6.0 | 2.0 | 0 | 0 | | | | | | | 22 |
| 23 | 0 | 0 | 12 0 | 12.0 | 0 | 0 | | | | | | | 23 |
| 24 | 0 | 0 | 13.0 | 34.0 | 1.0 | 0 | | | | | | | 24 |
| 25 | 0 | 0 | 5.0 | 2.0 | 15.0 | 0 | | | | | | | 25 |
| 26 | 0 | 1.0 | 14.0 | 0 | 9.0 | 0 | | | | | | | 26 |
| 27 | 0 | 0 | 1 0 | 2.0 | 3.0 | 0 | | | | | | | 27 |
| 28 | 3.0 | 20.0 | 15.0 | 0 | 0 | 0 | | | | | | | 28 |
| 29 | 0 | | 65 0 | 2.0 | 7.0 | 0 | | | | | | | 29 |
| 30 | 0 | | 10 0 | 0 | 1.0 | 24.0 | | | | | | | 30 |
| 31 | 0 | | 1.0 | | 21.0 | | | | | | | | 31 |
| Sum | 214.0 | 47.0 | 255.0 | 171.0 | 109.0 | 53.0 | | | | | | | |

Annual Total (     )

PIENDAMO RIVER, IN THE BASIN OF CAUCA    ELEVATION 2,400    UNIT mm    YEAR 1968

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 4.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 1 |
| 2 | 0 | 9.0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19.0 | 2 |
| 3 | 0 | 13.0 | 1.0 | 0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 3 |
| 4 | 0 | 15.0 | 0 | 0 | 0 | 32.0 | 0 | 0 | 1.0 | 0 | 0 | 19.0 | 4 |
| 5 | 0 | 22.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 5 |
| 6 | 0 | 6.0 | 0 | 0 | 0 | 49.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 4.0 | 0 | 0 | 2.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 3.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 8 |
| 9 | 0 | 0 | 5.0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 9 |
| 10 | 0 | 0 | 2.0 | 57.0 | 7.0 | 0 | 3.0 | 0 | 0 | 16.0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 6.0 | 0 | 0 | 3.0 | 0 | 0 | 2.0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 9.0 | 13.0 | 12 |
| 13 | 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 18.0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.0 | 9.0 | 0 | 14 |
| 15 | 9.0 | 0 | 0 | 7.0 | 9.0 | 0 | 0 | 0 | 0 | 13.0 | 18 0 | 0 | 15 |
| 16 | 0 | 0 | 4.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 5.0 | 7.0 | 0 | 0 | 0 | 0 | 9.0 | 8.0 | 0 | 17 |
| 18 | 0 | 0 | 14.0 | 49.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 4.0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 7.0 | 6.0 | 9.0 | 2.0 | 0 | 0 | 16.0 | 7.0 | 0 | 19 |
| 20 | 0 | 7 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 32.0 | 11.0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 21 |
| 22 | 0 | 2.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 22 |
| 23 | 0 | 2.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 23 |
| 24 | 0 | 3.0 | 0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 3.0 | 24 |
| 25 | 1.0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 0 | 9 0 | 25 |
| 26 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 27 |
| 28 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 2.0 | 18.0 | 0 | 28 |
| 29 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 14.0 | 11.0 | 0 | 29 |
| 30 | 11.0 | | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 2.0 | 0 | 30 |
| 31 | 7.0 | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | 31 |
| Sum | 35.0 | 100.0 | 41.0 | 183.0 | 38.0 | 113.0 | 8.0 | 0.0 | 8.0 | 148.0 | 168.0 | 97.0 | |

Annual Total ( 939.0 )

Precipitation    STATION __SILVIA__

PIENDAMO RIVER, IN THE BASIN OF __CAUCA__    ELEVATION __2,400__    UNIT __mm__    YEAR __1969__

| DATE | Jan | Feb | Mar. | Apr | May | Jun | Jul | Aug. | Sep | Oct | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 0 | 5 0 | 0 | 1 |
| 2 | 3.0 | 0 | 0 | 2.0 | 7.0 | 0 | 0 | 0 | 0 | 14.0 | 4 0 | 0 | 2 |
| 3 | 0 | 0 | 7 0 | 2.0 | 8 0 | 4.0 | 0 | 0 | 0 | 38.0 | 0 | 11 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 4.0 | 9 0 | 0 | 0 | 0 | 14.0 | 4 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 5.0 | 0 | 27.0 | 0 | 0 | 0 | 11.0 | 5 0 | 4 0 | 5 |
| 6 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 5 0 | 5.0 | 6 |
| 7 | 0 | 7.0 | 0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 32 0 | 9 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 0 | 14.0 | 9 0 | 8 |
| 9 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 9.0 | 4.0 | 9 |
| 10 | 0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 7 0 | 15 0 | 8.0 | 10 |
| 11 | 0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 11 |
| 12 | 2 0 | 2.0 | 0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 2.0 | 12.0 | 12 |
| 13 | 3 0 | 1.0 | 4.0 | 10 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 11.0 | 13 |
| 14 | 6.0 | 0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 21.0 | 0 | 0 | 14 |
| 15 | 7.0 | 3.0 | 0 | 16.0 | 0 | 0 | 0 | 0 | 0 | 26.0 | 14.0 | 0 | 15 |
| 16 | 6.0 | 0 | 0 | 61.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 4.0 | 0 | 16 |
| 17 | 2 0 | 4.0 | 0 | 6 0 | 10 0 | 0 | 0 | 0 | 0 | 13.0 | 3.0 | 0 | 17 |
| 18 | 4.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 0 | 0 | 18 |
| 19 | 4 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 6.0 | 0 | 19 |
| 20 | 17.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 11 0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 5.0 | 21 |
| 22 | 4.0 | 1.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 2 0 | 3 0 | 22 |
| 23 | 4 0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 5 0 | 23 |
| 24 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.0 | 19.0 | 0 | 24 |
| 25 | 9 0 | 5 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 2.0 | 1.0 | 13.0 | 0 | 25 |
| 26 | 2.0 | 0 | 0 | 25.0 | 0 | 4.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 26 |
| 27 | 17.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 19.0 | 0 | 0 | 27 |
| 28 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19.0 | 4 0 | 2 0 | 0 | 28 |
| 29 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 40.0 | 12.0 | 0 | 0 | 29 |
| 30 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 30 |
| 31 | 0 |  | 0 |  | 0 |  | 0 | 0 |  | 0 |  | 0 | 31 |
| Sum | 111.0 | 27.0 | 11.0 | 215.0 | 29.0 | 44 0 | 0.0 | 0.0 | 68.0 | 278.0 | 175 0 | 86 0 | |

Annual Total (1,044.0)

Precipitation    STATION __SILVIA__

PIENDAMO RIVER, IN THE BASIN OF __CAUCA__    ELEVATION __2,400__    UNIT __mm__    YEAR __1970__

| DATE | Jan. | Feb. | Mar. | Apr | May | Jun | Jul | Aug. | Sep | Oct | No v | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 16.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 5 0 | 9 0 | 0 | 1 |
| 2 | 3.0 | 1.0 | 26.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 43.0 | 0 | 1.0 | 2 |
| 3 | 0 | 5.0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.0 | 8.0 | 0 | 3 |
| 4 | 0 | 9.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 16.0 | 0 | 4 |
| 5 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 0 | 0 | 5 |
| 6 | 0 | 5.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 1.0 | 6 |
| 7 | 0 | 3.0 | 4.0 | 0 | 0 | 7.0 | 3.0 | 0 | 0 | 20.0 | 33.0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 3.0 | 10.0 | 0 | 0 | 0 | 18.0 | 14 0 | 0 | 8 |
| 9 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 4.0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 0 | 4 0 | 10 |
| 11 | 0 | 0 | 5.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 0 | 0 | 11 |
| 12 | 2.0 | 0 | 5.0 | 4.0 | 0 | 0 | 0. | 0 | 0 | 0 | 1.0 | 0 | 12 |
| 13 | 3.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 13 |
| 14 | 6.0 | 0 | 0 | 10.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 14 |
| 15 | 7.0 | 0 | 0 | 28.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 15 |
| 16 | 6.0 | 0 | 0 | 10.0 | 23.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 1.0 | 16 |
| 17 | 2.0 | 9.0 | 0 | 5.0 | 41.0 | 0 | 0 | 0 | 0 | 0 | 1 0 | 0 | 17 |
| 18 | 4.0 | 5.0 | 0 | 0 | 42.0 | 0 | 00 | 0 | 0 | 0 | 6.0 | 0 | 18 |
| 19 | 4.0 | 6.0 | 0 | 0 | 57.0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 3.0 | 19 |
| 20 | 17.0 | 14.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 3 0 | 25.0 | 20 |
| 21 | 11.0 | 1.0 | 0 | 0 | 22.0 | 0 | 0 | 0 | 0 | 9.0 | 11.0 | 8 0 | 21 |
| 22 | 4.0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 12.0 | 0 | 21.0 | 5.0 | 22 |
| 23 | 4.0 | 1.0 | 0 | 0 | 12.0 | 0 | 0 | 0 | 10.0 | 0 | 16.0 | 0 | 23 |
| 24 | 1.0 | 15.0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 4.0 | 6.0 | 1.0 | 0 | 24 |
| 25 | 9.0 | 9.0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 7.0 | 1.0 | 16.0 | 0 | 25 |
| 26 | 2.0 | 10.0 | 0 | 0 | 8.0 | 0 | 0 | 1.0 | 0 | 20.0 | 3.0 | 0 | 26 |
| 27 | 17.0 | 1.0 | 0 | 0 | 0 | 0 | 3.0 | 1.0 | 3.0 | 6.0 | 0 | 0 | 27 |
| 28 | 9.0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 3.0 | 12.0 | 3.0 | 0 | 28 |
| 29 | 0 |  | 0 | 0 | 3.0 | 0 | 1.0 | 0 | 11.0 | 9.0 | 3.0 | 0 | 29 |
| 30 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 15.0 | 1.0 | 0 | 30 |
| 31 | 14.0 |  | 0 |  | 2.0 |  | 00 | 0 |  | 4.0 |  | 0 | 31 |
| Sum | 125.0 | 118.0 | 53.0 | 60.0 | 246.0 | 24.0 | 7.0 | 2.0 | 53.0 | 194.0 | 265.0 | 48.0 | |

Annual Total (1,950.0)

Precipitation — STATION SILVIA
PIENDAMO RIVER, IN THE BASIN OF CAUCA - ELEVATION 2,400 UNIT mm YEAR 1971

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9.0 | 26.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 5.0 | 0 | 1 |
| 2 | 0 | 9.0 | 23.0 | 28.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 36.0 | 4.0 | 2 |
| 3 | 0 | 0 | 12.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 10.0 | 7.0 | 3 |
| 4 | 0 | 5.0 | 8.0 | 2.0 | 1.0 | 0 | 0 | 0 | 1.0 | 2.0 | 2.0 | 0 | 4 |
| 5 | 8.0 | 4.0 | 0 | 22.0 | 17.0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 5 |
| 6 | 17.0 | 1.0 | 1.0 | 0 | 6.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 6 |
| 7 | 23.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 4.0 | 12.0 | 0 | 0 | 7 |
| 8 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21.0 | 0 | 3.0 | 0 | 8 |
| 9 | 2.0 | 1.0 | 0 | 0 | 0 | 4.0 | 1.0 | 0 | 1.0 | 0 | 4.0 | 0 | 9 |
| 10 | 4.0 | 3 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 8.0 | 0 | 0 | 10 |
| 11 | 5.0 | 3.0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 9.0 | 0 | 0 | 11 |
| 12 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 2.0 | 0 | 0 | 12 |
| 13 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 2 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 1.0 | 0 | 2.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 00 | 2.0 | 0 | 15 |
| 16 | 6.0 | 12.0 | 0 | 6.0 | 3.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 16 |
| 17 | 11.0 | 0 | 2.0 | 23.0 | 18.0 | 0 | 0 | 0 | 0 | 5.0 | 22.0 | 0 | 17 |
| 18 | 23.0 | 17.0 | 11.0 | 21.0 | 5.0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 18.0 | 18 |
| 19 | 5.0 | 17.0 | 1.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 2.0 | 20.0 | 10.0 | 19 |
| 20 | 7.0 | 6.0 | 2.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 12.0 | 20 |
| 21 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 11.0 | 15.0 | 21 |
| 22 | 0 | 1.0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 15.0 | 32.0 | 22 |
| 23 | 0 | 1.0 | 4.0 | 5.0 | 25.0 | 0 | 1.0 | 1.0 | 0 | 2.0 | 17.0 | 33.0 | 23 |
| 24 | 0 | 0 | 15.0 | 0 | 1.0 | 0 | 0 | 4.0 | 0 | 0 | 9.0 | 6.0 | 24 |
| 25 | 0 | 0 | 17.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 11.0 | 5.0 | 22.0 | 25 |
| 26 | 0 | 0 | 3.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 26 |
| 27 | 0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 00 | 0 | 6.0 | 3.0 | 2.0 | 27 |
| 28 | 0 | 0 | 12.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 2.0 | 0 | 0 | 28 |
| 29 | 0 | | 12.0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 2.0 | | 28.0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.0 | 0 | 0 | 30 |
| 31 | 7.0 | | 32.0 | | 0 | | 0 | 0 | | 3.0 | | 0 | 31 |
| Sum | 130.0 | 85.0 | 207.0 | 159.0 | 67.0 | 6.0 | 12.0 | 13.0 | 30.0 | 142.0 | 184.0 | 161.0 | |

Annual Total (1,216.0)

Precipitation — STATION SILVIA
PIENDAMO RIVER, IN THE BASIN OF CAUCA ELEVATION 2,400 UNIT mm YEAR 1972

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 6.0 | 4.0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 2.0 | 0 | 4.0 | 0 | 0 | 0 | 3.0 | 9.0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62.0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 7.0 | 0 | 1.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 7.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 7 |
| 8 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 8 |
| 9 | 0 | 10.0 | 0 | 0 | 5.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 31.0 | 9 |
| 10 | 0 | 18 0 | 34.0 | 4.0 | 0 | 5.0 | 0 | 1.0 | 0 | 3.0 | 0 | 0 | 10 |
| 11 | 0 | 19.0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 11 |
| 12 | 0 | 24.0 | 0 | 23.0 | 0 | 17.0 | 0 | 0 | 0 | 11.0 | 0 | 0 | 12 |
| 13 | 0 | 10.0 | 3.0 | 7.0 | 0 | 4.0 | 0 | 0 | 0 | 9.0 | 8.0 | 0 | 13 |
| 14 | 32.0 | 15.0 | 8.0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 14 |
| 15 | 27.0 | 0 | 0 | 6.0 | 0 | 3.0 | 0 | 0 | 3.0 | 0 | 23.0 | 0 | 15 |
| 16 | 19.0 | 0 | 3.0 | 11.0 | 2 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 16 |
| 17 | 2.0 | 9.0 | 0 | 12.0 | 5.0 | 0 | 0 | 15.0 | 6.0 | 0 | 10.0 | 31.0 | 17 |
| 18 | 4.0 | 0 | 1.0 | 5.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 11.0 | 18 |
| 19 | 4.0 | 0 | 2.0 | 39.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 14.0 | 33.0 | 19 |
| 20 | 12.0 | 10 0 | 7.0 | 5 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 17.0 | 12.0 | 20 |
| 21 | 25.0 | 14 0 | 75.0 | 10 0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 28.0 | 0 | 21 |
| 22 | 4.0 | 0 | 22.0 | 28.0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 0 | 22 |
| 23 | 2.0 | 0 | 12.0 | 8.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 23 |
| 24 | 9.0 | 0 | 1.0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 49.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 5.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 12.0 | 0 | 3.0 | 5.0 | 0 | 0 | 2.0 | '0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 6.0 | 0 | 2.0 | 31.0 | 6.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 28 |
| 29 | 0 | 0 | 25.0 | 8.0 | 0 | 14.0 | 0 | 0 | 0 | 4.0 | 2.0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 13.0 | 73.0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 12.0 | | 00 | 31 |
| Sum | 217.0 | 147.0 | 208.0 | 227.0 | 37.0 | 54.0 | 29.0 | 21.0 | 13.0 | 76.0 | 293.0 | 137.0 | |

Annual Total (1,459.0)

Precipitation — STATION __SILVIA__

PIENDAMO RIVER, IN THE BASIN OF __CAUCA__   ELEVATION __2,400__   UNIT __mm__   YEAR __1973__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 1.0 | 0 | 7.0 | 25.0 | 0 | 0 | 1 0 | 29 0 | 1 |
| 2 | 0 | 0 | 4.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 3.0 | 2 |
| 3 | 0 | 0 | 3.0 | 9.0 | 2.0 | 0 | 0 | 0 | 0 | 9.0 | 3.0 | 24.0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42.0 | 0 | 0 | 4 |
| 5 | 0 | 17 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 1.0 | 33 0 | 0 | 4 0 | 5 |
| 6 | 0 | 24.0 | 0 | 0 | 1.0 | 0 | 0 | 4.0 | 0 | 35.0 | 0 | 40.0 | 6 |
| 7 | 0 | 4.0 | 2.0 | 25.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 0 | 7 |
| 8 | 0 | 0 | 16.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 8 |
| 9 | 0 | 5.0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.0 | 5 0 | 9 |
| 10 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 0 | 0 | 46.0 | 24 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 12.0 | 0 | 20.0 | 26.0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 14.0 | 1.0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 27.0 | 0 | 21 0 | 2.0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 35.0 | 1.0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 5.0 | 28.0 | 4.0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 13.0 | 5.0 | 0 | 0 | 33.0 | 7.0 | 1.0 | 4.0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 2.0 | 1.0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 18 |
| 19 | 3.0 | 0 | 0 | 0 | 1.0 | 0 | 2.0 | 0 | 0 | 0 | 5.0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 4.0 | 0 | 5.0 | 0 | 4.0 | 0 | 1.0 | 38.0 | 21 |
| 22 | 0 | 0 | 0 | 13.0 | 0 | 2.0 | 0 | 0 | 0 | 16.0 | 0 | 26.0 | 22 |
| 23 | 0 | 0 | 0 | 15.0 | 0 | 0 | 7.0 | 0 | 0 | 30.0 | 0 | 7.0 | 23 |
| 24 | 0 | 0 | 0 | 5.0 | 1.0 | 0 | 10.0 | 0 | 0 | 17.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 13.0 | 0 | 4 0 | 30.0 | 0 | 7 0 | 19.0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 0 | 1.0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 20.0 | 0 | 0 | 12 0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 0 | 4.0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 2.0 | 0 | 4.0 | 0 | 15.0 | 12 0 | 6.0 | 29 |
| 30 | 0 | | 2 0 | 0 | 10 0 | 0 | 7.0 | 0 | 0 | 0 | 19 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 28.0 | 4.0 | | 0 | | 0 | 31 |
| Sum | 3.0 | 50 0 | 40.0 | 90.0 | 47.0 | 38.0 | 96.0 | 91.0 | 99.0 | 288.0 | 284.0 | 272 0 | |

Annual Total (1,398.0)

Precipitation — STATION __SILVIA__

PIENDAMO RIVER, IN THE BASIN OF __CAUCA__   ELEVATION __2,400__   UNIT __mm__   YEAR __1974__

| DATE | Jan | Feb. | Mar. | Apr. | May | Jun | Jul | Aug. | Sep | Oct. | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 35.0 | 14.0 | 12 0 | 17.0 | 0 | 0 | 0 | 0 | 20 0 | 0 | 50 0 | 1 |
| 2 | 0 | 30.0 | 3.0 | 8.0 | 5 0 | 10.0 | 1.0 | 0 | 0 | 20.0 | 0 | 10 0 | 2 |
| 3 | 0 | 7.0 | 20.0 | 2.0 | 17.0 | 0 | 0 | 0 | 2.0 | 22.0 | 0 | 0 | 3 |
| 4 | 0 | 10.0 | 0 | 3.0 | 21.0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 4 |
| 5 | 0 | 17.0 | 0 | 0 | 27.0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 0 | 5 |
| 6 | 0 | 4.0 | 4.0 | 12.0 | 32.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 18.0 | 6 |
| 7 | 0 | 16.0 | 14.0 | 0 | 0 | 0 | 16.0 | 0 | 0 | 10.0 | 1 0 | 0 | 7 |
| 8 | 0 | 29.0 | 9.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 6 0 | 0 | 8 |
| 9 | 0 | 15.0 | 0 | 17.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 5 0 | 0 | 9 |
| 10 | 0 | 22.0 | 2.0 | 3.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 19 0 | 0 | 10 |
| 11 | 0 | 0 | 6.0 | 0 | 0 | 1.0 | 2.0 | 0 | 0 | 0 | 41.0 | 0 | 11 |
| 12 | 0 | 1.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 3.0 | 0 | 12 |
| 13 | 30.0 | 4.0 | 43.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 4.0 | 3.0 | 13 |
| 14 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34.0 | 23.0 | 30.0 | 14 |
| 15 | 2.0 | 0 | 6.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 5 0 | 7.0 | 15 |
| 16 | 15.0 | 9.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 0 | 4 0 | 16 |
| 17 | 29.0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 2.0 | 17 |
| 18 | 16.0 | 1.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 17.0 | 0 | 0 | 18 |
| 19 | 71.0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 16.0 | 0 | 1 0 | 0 | 19 |
| 20 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 20 |
| 21 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 21 |
| 22 | 0 | 0 | 4.0 | 0 | 0 | 0 | 4.0 | 0 | 5.0 | 2.0 | 0 | 0 | 22 |
| 23 | 12.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 42.0 | 7.0 | 0 | 23 |
| 24 | 0 | 0 | 25.0 | 0 | 0 | 0 | 1 0 | 0 | 1.0 | 5.0 | 0 | 0 | 24 |
| 25 | 4.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 12.0 | 0 | 25 |
| 26 | 0 | 0 | 7.0 | 28.0 | 0 | 4.0 | 0 | 0 | 7.0 | 2.0 | 2.0 | 0 | 26 |
| 27 | 0 | 0 | 18.0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 2.0 | 0 | 4.0 | 7.0 | 0 | 0 | 32.0 | 0 | 0 | 28 |
| 29 | 0 | | 10.0 | 2.0 | 0 | 0 | 2.0 | 0 | 0 | 2.0 | 0 | 26.0 | 29 |
| 30 | 0 | | 12.0 | 47.0 | 0 | 0 | 0 | 0 | 6.0 | 34.0 | 0 | 3.0 | 30 |
| 31 | 29 0 | | 0 | | 0 | | 0 | 9.0 | | 11.0 | | 16.0 | 31 |
| Sum | 211.0 | 213.0 | 236.0 | 154.0 | 119.0 | 22.0 | 47.0 | 9.0 | 85.0 | 270.0 | 136.0 | 169.0 | |

Annual Total (1,671.0)

Precipitation  STATION  SILVIA
PIENDAMO RIVER, IN THE BASIN OF CAUCA  ELEVATION  2,400  UNIT  mm  YEAR  1975

| DATE | Jan | Feb | Mar | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29 0 | 0 | 30.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 10.0 | 60.0 | 1 |
| 2 | 13.0 | 4.0 | 8.0 | 15.0 | 29.0 | 0 | 10.0 | 0 | 0 | 0 | 11.0 | 28.0 | 2 |
| 3 | 0 | 30.0 | 4.0 | 20 0 | 60 0 | 0 | 13.0 | 0 | 0 | 0 | 14.0 | 0 | 3 |
| 4 | 0 | 5 0 | 0 | 13 0 | 30 0 | 2.0 | 19.0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 3.0 | 10.0 | 4 0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 2 0 | 19.0 | 5 |
| 6 | 0 | 7 0 | 6.0 | 5 0 | 15.0 | 1.0 | 0 | 0 | 4.0 | 0 | 38 0 | 13.0 | 6 |
| 7 | 0 | 13.0 | 0 | 0 | 7.0 | 0 | 7.0 | 0 | 0 | 0 | 15 0 | 12.0 | 7 |
| 8 | 0 | 7.0 | 0 | 0 | 2.0 | 0 | 6 0 | 0 | 0 | 0 | 1 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 2.0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 7 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 6.0 | 14.0 | 0 | 12 |
| 13 | 0 | 0 | 4.0 | 0 | 2.0 | 0 | 1.0 | 0 | 0 | 19.0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 16.0 | 0 | 0 | 5.0 | 30.0 | 0 | 5.0 | 4.0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 2.0 | 0 | 15.0 | 0 | 6.0 | 0 | 0 | 32.0 | 0 | 22.0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 3.0 | 0 | 21.0 | 0 | 16.0 | 16 |
| 17 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 9.0 | 3 0 | 1.0 | 17 |
| 18 | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 14.0 | 18 |
| 19 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 7.0 | 0 | 0 | 20.0 | 19 |
| 20 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 14.0 | 2.0 | 0 | 46.0 | 20 |
| 21 | 0 | 26.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 2.0 | 20.0 | 21 |
| 22 | 8.0 | 30.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 7.0 | 0 | 10.0 | 4.0 | 22 |
| 23 | 2.0 | 20.0 | 2.0 | 0 | 0 | 1.0 | 0 | 5.0 | 0 | 0 | 4 0 | 31.0 | 23 |
| 24 | 0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 9 0 | 8.0 | 24 |
| 25 | 2.0 | 9.0 | 3.0 | 10.0 | 0 | 0 | 0 | 12.0 | 10.0 | 12.0 | 0 | 1.0 | 25 |
| 26 | 11.0 | 3.0 | 0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 27.0 | 10.0 | 26 |
| 27 | 0 | 24.0 | 0 | 22.0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 72.0 | 6.0 | 27 |
| 28 | 0 | 21.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 23.0 | 4.0 | 28 |
| 29 | 0 | | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 29 |
| 30 | 0 | | 0 | 8.0 | 0 | 21.0 | 0 | 8.0 | 0 | 10.0 | 22 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 8.0 | | 0 | 31 |
| Sum | 65.0 | 224.0 | 85.0 | 121.0 | 180.0 | 41.0 | 106.0 | 48.0 | 64.0 | 178.0 | 312.0 | 337.0 | |

Annual Total (1,761.0)

Precipitation  STATION  SILVIA
PIENDAMO RIVER. IN THE BASIN OF CAUCA  ELEVATION  2,400  UNIT  mm  YEAR  1976

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 20.0 | 3.0 | 1 |
| 2 | 0 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.0 | 6.0 | 6.0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 3.0 | 21.0 | 16.0 | 3 |
| 4 | 0 | 0 | 16.0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 10 0 | 0 | 8.0 | 4 |
| 5 | 13.0 | 2.0 | 21.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 14.0 | 0 | 5 |
| 6 | 0 | 59.0 | 11.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 9.0 | 0 | 0 | 6 |
| 7 | 0 | 10 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 0 | 6.0 | 8 |
| 9 | 0 | 0 | 16.0 | 6.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 2.0 | 0 | 1.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 24.0 | 0 | 12.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 20.0 | 0 | 36.0 | 0 | 4.0 | 3.0 | 0 | 0 | 0 | 12.0 | 0 | 12 |
| 13 | 0 | 24.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 13 |
| 14 | 0 | 6.0 | 0 | 24.0 | 0 | 0 | 0 | 0 | 0 | 26.0 | 2.0 | 5.0 | 14 |
| 15 | 0 | 6.0 | 0 | 5.0 | 5.0 | 10.0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 15 |
| 16 | 0 | 13.0 | 0 | 22.0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 4.0 | 16 |
| 17 | 0 | 0 | 0 | 10.0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 6.0 | 0 | 7.0 | 18 |
| 19 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 4.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 2.0 | 2.0 | 2.0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 21 |
| 22 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 3.0 | 22 |
| 23 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 28.0 | 0 | 20.0 | 24 |
| 25 | 0 | 0 | 16.0 | 3.0 | 0 | 0 | 0 | 0 | 15.0 | 18.0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 11.0 | 0 | 0 | 26 |
| 27 | 13.0 | 4.0 | 4.0 | 2.0 | 2.0 | 0 | 0 | 0 | 22.0 | 17.0 | 0 | 0 | 27 |
| 28 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 28 |
| 29 | 15.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 29 |
| 30 | 31.0 | | 5.0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 9.0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 2.0 | | 0 | 31 |
| Sum | 78.0 | 173.0 | 128.0 | 148.0 | 32.0 | 26.0 | 20.0 | 5.0 | 84.0 | 237.0 | 108.0 | 101.0 | |

Annual Total (1,140.0)

| DATE | Jan | Feb. | Mar. | Apr. | May | Jun. | Jul | Aug. | Sep. | Oct. | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 2 0 | 0 | 31.0 | 0 | 2.0 | 0 | 0 | 0 | 8.0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 8.0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 8 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 5.0 | 4.0 | 0 | 0 | 0 | 0 | 8.0 | 21.0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 4.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 2.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 15.0 | 0 | 6 |
| 7 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23.0 | 14.0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 3.0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 3.0 | 4.0 | 0 | 10 |
| 11 | 0 | 1.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 3.0 | 14.0 | 0 | 11 |
| 12 | 0 | 2.0 | 0 | 2.0 | 0 | 30.0 | 0 | 10.0 | 0 | 2.0 | 49.0 | 3.0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 6.0 | 0 | 0 | 1.0 | 0 | 0 | 21.0 | 1.0 | 13 |
| 14 | 0 | 2.0 | 0 | 0 | 7.0 | 0 | 10.0 | 0 | 0 | 0 | 6.0 | 7.0 | 14 |
| 15 | 0 | 4.0 | 0 | 0 | 14.0 | 0 | 2.0 | 0 | 0 | 0 | 8.0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 10.0 | 0 | 3.0 | 4.0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 6.0 | 0 | 17 |
| 18 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 3.0 | 1 0 | 19 |
| 20 | 0 | 4.0 | 0 | 0 | 0 | 4.0 | 0 | 0 | 25.0 | 0 | 0 | 11.0 | 20 |
| 21 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 28.0 | 0 | 1.0 | 0 | 21 |
| 22 | 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 22 |
| 23 | 0 | 0 | 7.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 3.0 | 2.0 | 9.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 7.0 | 0 | 1.0 | 0 | 4.0 | 19.0 | 14.0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 19.0 | 0 | 0 | 0 | 0 | 18.0 | 0 | 0 | 1.0 | 27 |
| 28 | 0 | 0 | 15.0 | 33.0 | 0 | 0 | 0 | 0 | 23.0 | 19.0 | 0 | 10 0 | 28 |
| 29 | 0 | | 3.0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 28 0 | 29 |
| 30 | 0 | | 11.0 | 9 0 | 0 | 2.0 | 0 | 0 | 7.0 | 6.0 | 0 | 6.0 | 30 |
| 31 | 2.0 | | 12.0 | | 0 | | 0 | 0 | | 12.0 | | 28.0 | 31 |
| Sum | 25.0 | 35.0 | 57.0 | 170.0 | 50.0 | 65.0 | 15.0 | 26.0 | 135.0 | 135.0 | 210.0 | 97.0 | |

Annual Total (1,020.0)

| DATE | Jan | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 0 | 0 | 10.0 | 7.0 | | 0 | | | | | | | 1 |
| 2 | 0 | 0 | 3.0 | 6.0 | | 0 | | | | | | | 2 |
| 3 | 0 | 0 | 0 | 5.0 | | 0 | | | | | | | 3 |
| 4 | 0 | 0 | 15.0 | 1.0 | | 4.0 | | | | | | | 4 |
| 5 | 0 | 0 | 10.0 | 10.0 | | 0 | | | | | | | 5 |
| 6 | 0 | 2.0 | 14.0 | 0 | | 3.0 | | | | | | | 6 |
| 7 | 0 | 16.0 | 34.0 | 2.0 | | 0 | | | | | | | 7 |
| 8 | 0 | 0 | 23.0 | 22.0 | | 0 | | | | | | | 8 |
| 9 | 28.0 | 0 | 9.0 | 3.0 | | 0 | | | | | | | 9 |
| 10 | 28.0 | 0 | 0 | 0 | | 0 | | | | | | | 10 |
| 11 | 58.0 | 0 | 0 | 0 | | 0 | | | | | | | 11 |
| 12 | 2.0 | 0 | 0 | 0 | | 0 | | | | | | | 12 |
| 13 | 0 | 0 | 0 | 0 | | 0 | | | | | | | 13 |
| 14 | 0 | 0 | 0 | 0 | | 0 | | | | | | | 14 |
| 15 | 0 | 0 | 0 | 6.0 | | 0 | | | | | | | 15 |
| 16 | 2.0 | 0 | 0 | 5.0 | | 0 | | | | | | | 16 |
| 17 | 0 | 0 | 0 | 26.0 | | 0 | | | | | | | 17 |
| 18 | 0 | 0 | 0 | 2.0 | | 1.0 | | | | | | | 18 |
| 19 | 0 | 0 | 2.0 | 0 | | 2.0 | | | | | | | 19 |
| 20 | 0 | 0 | 1.0 | 0 | | 0 | | | | | | | 20 |
| 21 | 0 | 0 | 0 | 5.0 | | 0 | | | | | | | 21 |
| 22 | 0 | 0 | 0 | 0 | | 0 | | | | | | | 22 |
| 23 | 0 | 0 | 0 | 16.0 | | 2.0 | | | | | | | 23 |
| 24 | 0 | 0 | 0 | 17.0 | | 0 | | | | | | | 24 |
| 25 | 0 | 0 | 12.0 | 0 | | 0 | | | | | | | 25 |
| 26 | 0 | 0 | 0 | 0 | | 0 | | | | | | | 26 |
| 27 | 0 | 0 | 0 | 3.0 | | 0 | | | | | | | 27 |
| 28 | 0 | 3.0 | 0 | 0 | | 0 | | | | | | | 28 |
| 29 | 0 | | 37.0 | 0 | | 0 | | | | | | | 29 |
| 30 | 0 | | 3.0 | 0 | | 2.0 | | | | | | | 30 |
| 31 | 0 | | 20.0 | | | | | | | | | | 31 |
| Sum | 122.0 | 21.0 | 193.0 | 136.0 | | 14.0 | | | | | | | |

Annual Total ( )

TIMBIO RIVER, IN THE BASIN OF PATIA    ELEVATION 1,700    UNIT mm    YEAR 1968

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 15.0 | 20.0 | 0 | 0 | 0 | 1.0 | 0 | 31.0 | 11.0 | 0 | 43.0 | 1 |
| 2 | 0 | 6 0 | 16.0 | 20 0 | 0 | 0 | 0 | 0 | 1.0 | 30.0 | 0 | 4.0 | 2 |
| 3 | 0 | 1.0 | 6.0 | 0 | 0' | 2.0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 3 |
| 4 | 0 | 5 0 | 2.0 | 0 | 0 | 0 | 10.0 | 0 | 1.0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 3 0 | 3.0 | 0 | 0 | 10.0 | 2.0 | 0 | 0 | 2.0 | 0 | 4.0 | 5 |
| 6 | 0 | 0 | 2.0 | 1.0 | 0 | 20.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 2.0 | 4.0 | 0 | 10.0 | 1.0 | 0 | 10.0 | 2.0 | 2.0 | 0 | 10.0 | 7 |
| 8 | 0 | 1.0 | 1.0 | 19.0 | 3.0 | 2.0 | 0 | 0 | 1.0 | 0 | 0 | 1.0 | 8 |
| 9 | 0 | 0 | 2.0 | 20.0 | 10.0 | 0 | 0 | 0 | 2.0 | 70.0 | 30.0 | 0 | 9 |
| 10 | 0 | 2.0 | 0 | 41.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 15.0 | 50.0 | 10 |
| 11 | 20.0 | 1.0 | 2.0 | 60.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 2.0 | 3.0 | 11 |
| 12 | 5.0 | 1.0 | 3.0 | 4.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 64.0 | 15.0 | 0 | 13 |
| 14 | 0 | 4.0 | 1.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 13.0 | 34.0 | 14 |
| 15 | 0 | 5.0 | 2.0 | 14.0 | 16.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 11.0 | 28.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 16 |
| 17 | 0 | 2.0 | 8.0 | 0 | 38.0 | 0 | 24.0 | 0 | 1.0 | 2.0 | 5.0 | 0 | 17 |
| 18 | 0 | 0 | 3.0 | 0 | 1.0 | 2.0 | 8.0 | 0 | 2.0 | 8.0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 9.0 | 0 | 4.0 | 1.0 | 3.0 | 0 | 3.0 | 53.0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 3.0 | 2.0 | 0 | 2.0 | 24.0 | 20.0 | 0 | 20 |
| 21 | 4.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 2.0 | 5.0 | 0 | 21 |
| 22 | 4.0 | 20.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 10.0 | 0 | 22 |
| 23 | 1.0 | 20.0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 0 | 35.0 | 23 |
| 24 | 6.0 | 5.0 | 0 | 46.0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 14.0 | 24 |
| 25 | 0 | 4.0 | 0 | 12.0 | 0 | 1.0 | 0 | 0 | 0 | 20.0 | 10.0 | 0 | 25 |
| 26 | 11.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 30.0 | 5.0 | 2.0 | 5.0 | 26 |
| 27 | 11.0 | 10.0 | 0 | 6.0 | 0 | 0 | 0 | 5.0 | 0 | 2.0 | 0 | 1.0 | 27 |
| 28 | 20.0 | 20.0 | 0 | 3.0 | 0 | 0 | 0 | 5.0 | 30.0 | 8.0 | 0 | 0 | 28 |
| 29 | 16 0 | 3.0 | 0 | 17.0 | 5.0 | 10.0 | 0 | 2.0 | 0 | 40.0 | 20.0 | 0 | 29 |
| 30 | 40 0 | | 0 | 0 | 0 | 0 | 0 | 18.0 | 1.0 | 0 | 20.0 | 0 | 30 |
| 31 | 17.0 | | 0 | | 0 | | 0 | 21.0 | | 0 | | 0 | 31 |
| Sum | 155.0 | 135.0 | 97.0 | 313.0 | 109.0 | 55.0 | 52.0 | 81.0 | 113.0 | 361.0 | 234.0 | 204.0 | |

Annual Total (1,909.0)

TIMBIO RIVER, IN THE BASIN OF PATIA    ELEVATION 1,700    UNIT mm    YEAR 1969

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.0 | 0 | 0 | 40.0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 0 | 4.0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 30.0 | 0 | 0 | 0 | 0 | 3.0 | 10.0 | 1.0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 60.0 | 0 | 0 | 0 | 0 | 12.0 | 0 | 12.0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 10.0 | 30.0 | 0 | 0 | 0 | 1.0 | 8.0 | 8.0 | 4 |
| 5 | 0 | 0 | 0 | 50.0 | 0 | 3.0 | 0 | 0 | 0 | 3.0 | 13.0 | 10.0 | 5 |
| 6 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 15.0 | 6 |
| 7 | 0 | 3.0 | 3.0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 23.0 | 3.0 | 3.0 | 7 |
| 8 | 0 | 29.0 | 16.0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 4.0 | 2.0 | 8 |
| 9 | 0 | 16.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 7.0 | 8.0 | 9 |
| 10 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 35.0 | 7.0 | 10 |
| 11 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 20.0 | 11 |
| 12 | 0 | 4.0 | 0 | 3.0 | 0 | 30.0 | 0 | 0 | 0 | 11.0 | 2.0 | 6.0 | 12 |
| 13 | 0 | 20.0 | 29.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 1.0 | 15.0 | 13 |
| 14 | 12.0 | 12.0 | 0 | 17.0 | 0 | 0 | 0 | 0 | 0 | 0 | 38.0 | 0 | 14 |
| 15 | 50 0 | 1.0 | 0 | 41.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 40.0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 18.0 | 0 | 16 |
| 17 | 0 | 3.0 | 0 | 1.0 | 0 | 50.0 | 0 | 0 | 0 | 35.0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 2.0 | 2.0 | 1.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 0 | 1.0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 8.0 | 20 |
| 21 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.0 | 2.0 | 7.0 | 21 |
| 22 | 4.0 | 0 | 0 | 3.0 | 0 | 1.0 | 0 | 20.0 | 0 | 8.0 | 2.0 | 13.0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 1.0 | 10.0 | 23 |
| 24 | 2.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 75.0 | 15.0 | 0 | 24 |
| 25 | 45.0 | 6.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 25 |
| 26 | 0 | 2.0 | 0 | 25.0 | 0 | 0 | 0 | 10.0 | 34.0 | 6.0 | 35.0 | 5.0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 3.0 | 4.0 | 10 0 | 3.0 | 27 |
| 28 | 25.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 16.0 | 4.0 | 1.0 | 6.0 | 28 |
| 29 | 0 | | 0 | 10.0 | 0 | 0 | 0 | 0 | 23.0 | 2.0 | 19.0 | 0 | 29 |
| 30 | 0 | | 2 0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 30 |
| 31 | 0 | | 1.0 | | 0 | | 30.0 | 0 | | 0 | | 0 | 31 |
| Sum | 151.0 | 109.0 | 73.0 | 315.0 | 101.0 | 116.0 | 30.0 | 30.0 | 89.0 | 376.0 | 289.0 | 164.0 | |

Annual Total (1,843.0)

__TIMBIO__ __RIVER, IN THE BASIN OF __PATIA__ ELEVATION ___1,700___ UNIT ___mm___ YEAR ___1970___

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 20.0 | 0 | 28.0 | 0 | 0 | 0 | 0 | 0 | 26.0 | 1.0 | 1 |
| 2 | 0 | 0 | 50.0 | 0 | 0 | 0 | 0 | 1 0 | 0 | 7.0 | 7.0 | 4.0 | 2 |
| 3 | 0 | 14.0 | 10.0 | 3.0 | 0 | 0 | 0 | 21.0 | 0 | 30.0 | 34.0 | 41.0 | 3 |
| 4 | 0 | 6.0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 22.0 | 0 | 4 |
| 5 | 0 | 30.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.0 | 26.0 | 2.0 | 5 |
| 6 | 0 | 0 | 30.0 | 0 | 8.0 | 6.0 | 0 | 0 | 4.0 | 1.0 | 0 | 5.0 | 6 |
| 7 | 0 | 0 | 0 | 0 | 30.0 | 0 | 10 0 | 0 | 0 | 3.0 | 4.0 | 0 | 7 |
| 8 | 0 | 2.0 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 11.0 | 8 |
| 9 | 1.0 | 0 | 12.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 9 |
| 10 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.5 | 1.0 | 10 |
| 11 | 1.0 | 0 | 0 | 0 | 35 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 11 |
| 12 | 0 | 0 | 3 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 2.0 | 12 |
| 13 | 5.0 | 0 | 0 | 0 | 7.0 | 0 | 0 | 1.0 | 0 | 0 | 30 0 | 4 0 | 13 |
| 14 | 41.0 | 0 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.0 | 1.0 | 14 |
| 15 | 0 | 0 | 0 | 11.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 6 0 | 1 0 | 15 |
| 16 | 0 | 0 | 0 | 5.0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 29.0 | 0 | 16 |
| 17 | 1.0 | 0 | 0 | 0 | 22.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 8 0 | 17 |
| 18 | 5 0 | 0 | 0 | 0 | 4 0 | 0 | 0 | 0 | 4.0 | 9 0 | 34.0 | 1.0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 10.0 | 0 | 3 0 | 21.0 | 19 |
| 20 | 0 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.0 | 0 | 18.0 | 9.0 | 20 |
| 21 | 0 | 26.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 27.0 | 16.0 | 11.0 | 21 |
| 22 | 1.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 18.0 | 22 |
| 23 | 15.0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 0 | 8.0 | 21.0 | 6.0 | 33.0 | 23 |
| 24 | 35.0 | 5.0 | 0 | 10.0 | 0 | 0 | 0 | 5.0 | 6.0 | 3.0 | 20.0 | 1.0 | 24 |
| 25 | 20.0 | 16.0 | 0 | 0 | 4.0 | 10.0 | 0 | 0 | 2.0 | 6.0 | 10.0 | 0 | 25 |
| 26 | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 1.0 | 0 | 28.0 | 0 | 26 |
| 27 | 2.0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 2.0 | 0 | 7.0 | 25.0 | 10.0 | 27 |
| 28 | 0 | 25.0 | 28.0 | 0 | 20.0 | 0 | 4.0 | 1.0 | 39.0 | 00 | 22.0 | 0 | 28 |
| 29 | 0 | | 5.0 | 0 | 10.0 | 0 | 6.0 | 2.0 | 0 | 0 | 20.0 | 0 | 29 |
| 30 | 0 | | 0 | 11.0 | 0 | 0 | 0 | 7.0 | 20.0 | 20.0 | 2.0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 24.0 | | 0 | 31 |
| Sum | 127.5 | 135.0 | 160.0 | 88.0 | 184.0 | 24.0 | 38.0 | 42.0 | 112.0 | 202 0 | 445.5 | 186.0 | |

Annual Total (1,744.0)

__TIMBIO__ __RIVER, IN THE BASIN OF __PATIA__ ELEVATION ___1,700___ UNIT ___mm___ YEAR ___1971___

| DATE | Jan. | Feb. | Mar | Apr. | May | Jun | Jul. | Aug. | Sep. | Oct | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 15.0 | 13 0 | 0 | 0 | 0 | 0 | 42.0 | 1.0 | 1.0 | 1 |
| 2 | 0 | 2 0 | 4.0 | 10 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 12.0 | 22 0 | 2 |
| 3 | 11.0 | 28 0 | 0 | 0 | 5 0 | 0 | 25.0 | 2.0 | 0 | 20.0 | 0 | 0 | 3 |
| 4 | 13.0 | 16.0 | 0 | 0 | 0 | 0 | 3.0 | 14.0 | 10.0 | 1.0 | 0 | 21.0 | 4 |
| 5 | 25.0 | 9.0 | 0 | 0 | 31.0 | 0 | 0 | 1.0 | 4.0 | 0 | 1.0 | 0 | 5 |
| 6 | 15.0 | 0 | 0 | 0 | 0 | 9.0 | 2.0 | 9.0 | 12.0 | 3.0 | 2.0 | 0 | 6 |
| 7 | 9.0 | 0 | 0 | 0 | 27.0 | 0 | 1.0 | 6.0 | 13.0 | 36.0 | 0 | 0 | 7 |
| 8 | 0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.0 | 4.0 | 12.0 | 0 | 8 |
| 9 | 8.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 3.0 | 0 | 0 | 5.0 | 16.0 | 0 | 0 | 1.0 | 20.0 | 8 0 | 18.0 | 10 |
| 11 | 0 | 20.0 | 20.0 | 0 | 4.0 | 1.0 | 0 | 0 | 0 | 0 | 13.0 | 0 | 11 |
| 12 | 0 | 40.0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 3.0 | 7.0 | 0 | 12 |
| 13 | 26.0 | 5.0 | 0 | 0 | 2.0 | 7.0 | 2.0 | 10.0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 7.0 | 1.0 | 11.0 | 23.0 | 32.0 | 1.0 | 0 | 2.0 | 0 | 0 | 10.0 | 0 | 14 |
| 15 | 4.0 | 0 | 0 | 1.0 | 65.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 15 |
| 16 | 9.0 | 0 | 8.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 16 |
| 17 | 30.0 | 0 | 0 | 0 | 18.0 | 5.0 | 0 | 0 | 1.0 | 2.0 | 11.0 | 20.0 | 17 |
| 18 | 10.0 | 35.0 | 3.0 | 4.0 | 5.0 | 0 | 0 | 8.0 | 0 | 1.0 | 0 | 30.0 | 18 |
| 19 | 13.0 | 0 | 0 | 0 | 17.0 | 15.0 | 0 | 1.0 | 12.0 | 0 | 0 | 5.0 | 19 |
| 20 | 10.0 | 8.0 | 0 | 19.0 | 0 | 0 | 0 | 2.0 | 31.0 | 8.0 | 0 | 20 0 | 20 |
| 21 | 0 | 0 | 0 | 49.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 1.0 | 10.0 | 21 |
| 22 | 0 | 0 | 0 | 53.0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 18.0 | 9.0 | 22 |
| 23 | 0 | 0 | 0 | 5.0 | 10.0 | 0 | 29.0 | 5.0 | 0 | 0 | 3.0 | 8.0 | 23 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 1 0 | 15.0 | 32.0 | 24 |
| 25 | 0 | 0 | 1.0 | 0 | 16.0 | 0 | 0 | 0 | 0 | 14.0 | 13.0 | 20 0 | 25 |
| 26 | 0 | 0 | 18.0 | 0 | 4.0 | 0 | 0 | 5.0 | 0 | 22.0 | 0 | 9.0 | 26 |
| 27 | 0 | 0 | 0 | 30.0 | 0 | 0 | 12.0 | 0 | 0 | 11.0 | 5.0 | 3.0 | 27 |
| 28 | 4.0 | 0 | 29.0 | 1.0 | 2.0 | 29.0 | 0 | 0 | 0 | 0 | 11.0 | 1.0 | 28 |
| 29 | 0 | 0 | 2.0 | 2.0 | 17.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 29 |
| 30 | 0 | | 29.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 30 |
| 31 | 4.0 | | 1.0 | | 0 | | 0 | 0 | | 6 0 | | 0 | 31 |
| Sum | 198.0 | 187.0 | (126.0) | 216.0 | 275.0 | 86.0 | 76.0 | 66.0 | 100.0 | 204.0 | 173.0 | 229.0 | |

Annual Total (1,935.0)

Precipitation — STATION — EL TAMBO

TIMBIO RIVER, IN THE BASIN OF PATIA  ELEVATION 1,700  UNIT mm  YEAR 1972

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 3.0 | 30.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 16.0 | 0 | 0 | 0 | 40.0 | 0 | 0 | 27.0 | 0 | 0 | 5 |
| 6 | 0 | 54.0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 6 |
| 7 | 10.0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 9.0 | 0 | 0 | 0 | 21.0 | 4.0 | 0 | 0 | 0 | 10.0 | 0 | 8 |
| 9 | 0 | 1.0 | 2.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 26.0 | 0 | 9 |
| 10 | 0 | 10 0 | 0 | 9.0 | 0 | 8.0 | 0 | 0 | 10.0 | 14.0 | 2.0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 4.0 | 0 | 2.0 | 0 | 0 | 0 | 2.0 | 7.0 | 0 | 12 |
| 13 | 34.0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 11.0 | 0 | 0 | 6.0 | 0 | 10.0 | 0 | 3.0 | 5.0 | 0 | 14 |
| 15 | 20.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 15 |
| 16 | 2 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 16 |
| 17 | 0 | 0 | 30.0 | 10.0 | 30.0 | 0 | 0 | 33.0 | 0 | 0 | 0 | 47.0 | 17 |
| 18 | 4.0 | 26.0 | 0 | 4.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 1 0 | 15.0 | 34.0 | 10.0 | 0 | 0 | 0 | 12.0 | 0 | 12.0 | 0 | 19 |
| 20 | 0 | 0 | 4.0 | 2.0 | 5.0 | 0 | 2.0 | 0 | 6.0 | 0 | 36.0 | 0 | 20 |
| 21 | 15.0 | 0 | 0 | 1.0 | 30.0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 0 | 21 |
| 22 | 33.0 | 0 | 56.0 | 9.0 | 20.0 | 0 | 0 | 0 | 0 | 5.0 | 3 0 | 0 | 22 |
| 23 | 26.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 23 |
| 24 | 28 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 18.0 | 0 | 4.0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 13.0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 26 |
| 27 | 12.0 | 0 | 14.0 | 51.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 27 |
| 28 | 0 | 0 | 58.0 | 19.0 | 4.0 | 0 | 0 | 0 | 0 | 25.0 | 5.0 | 0 | 28 |
| 29 | 0 | 0 | 10.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 28.0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 40.0 | 40.0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 13.0 | | 22.0 | | 0 | 31 |
| Sum | 202.0 | 113.0 | 290.0 | 165.0 | 107.0 | 47.0 | 46.0 | 79.0 | 48.0 | 183.0 | 232.0 | 57.0 | |

Annual Total (1,569.0)

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Precipitation — STATION — EL TAMBO

TIMBIO RIVER, IN THE BASIN OF PATIA  ELEVATION 1,700  UNIT mm  YEAR 1973

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 2.0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 13.0 | 5.0 | 0 | 0 | 8.0 | 0 | 10.0 | 54.0 | 2.0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.0 | 2.0 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 2.0 | 1.0 | 1.0 | 0 | 5.0 | 30.0 | 3.0 | 2.0 | 4 |
| 5 | 0 | 3.0 | 0 | 3.0 | 0 | 3.0 | 0 | 11.0 | 8.0 | 0 | 13.0 | 1.0 | 5 |
| 6 | 0 | 11.0 | 0 | 0 | 1.0 | 25.0 | 0 | 5.0 | 0 | 57.0 | 20.0 | 0 | 6 |
| 7 | 0 | 0 | 9.0 | 0 | 8.0 | 0 | 0 | 0 | 3.0 | 2.0 | 2.0 | 3.0 | 7 |
| 8 | 0 | 12.0 | 28.0 | 10.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 36.0 | 16.0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 2.0 | 9 |
| 10 | 0 | 0 | 43.0 | 0 | 12.0 | 0 | 0 | 0 | 0 | 27.0 | 21.0 | 1.0 | 10 |
| 11 | 0 | 0 | 0 | 35.0 | 0 | 25.0 | 0 | 0 | 1.0 | 25.0 | 22.0 | 10.0 | 11 |
| 12 | 0 | 0 | 14.0 | 0 | 0 | 1.0 | 0 | 0 | 15.0 | 0 | 2.0 | 0 | 12 |
| 13 | 0 | 0 | 6.0 | 3.0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 2.0 | 0 | 24.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 23.0 | 33.0 | 4.0 | 46.0 | 15 |
| 16 | 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 1.0 | 2.0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 3.0 | 00 | 35.0 | 17 |
| 18 | 20.0 | 0 | 0 | 0 | 60.0 | 33.0 | 0 | 0 | 8.0 | 15.0 | 29.0 | 0 | 18 |
| 19 | 5.0 | 0 | 0 | 0 | 1.0 | 0 | 10.0 | 0 | 0 | 10.0 | 6.0 | 8.0 | 19 |
| 20 | 0 | 0 | 0 | 10.0 | 0 | 0 | 28.0 | 0 | 0 | 0 | 14.0 | 7.0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 16.0 | 0 | 6.0 | 8.0 | 3.0 | 1.0 | 17.0 | 21 |
| 22 | 0 | 10.0 | 0 | 51.0 | 5.0 | 0 | 11.0 | 0 | 6.0 | 9.0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 19.0 | 0 | 0 | 25.0 | 0 | 0 | 0 | 4.0 | 4.0 | 0 | 23 |
| 24 | 8.0 | 0 | 0 | 0 | 0 | 21.0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 16.0 | 0 | 3.0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 20.0 | 10.0 | 42.0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 6.0 | 25.0 | 23.0 | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 28.0 | 0 | 0 | 22.0 | 4.0 | 27.0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 75.0 | 0 | 0 | 1.0 | 8.0 | 1.0 | 30 |
| 31 | 0 | | 0 | | 3.0 | | 27.0 | 33.0 | | 11.0 | | 3.0 | 31 |
| Sum | 33.0 | 38.0 | 119.0 | 173.0 | 102.0 | 182.0 | 190.0 | 144.0 | 112.0 | 321.0 | 278.0 | 184.0 | |

Annual Total (1,878.0)

Precipitation — STATION __EL TAMBO__
__TIMBIO__ RIVER, IN THE BASIN OF __PATIA__ ELEVATION __1,700__ UNIT __mm__ YEAR __1974__

| DATE | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 11.0 | 5.0 | 12.0 | 0 | 0 | 26.0 | 7.0 | 0 | 0 | 1 |
| 2 | 4.0 | 0 | 0 | 1.0 | 1.0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 22.0 | 2 |
| 3 | 0 | 27.0 | 0 | 0 | 6.0 | 0 | 2.0 | 0 | 0 | 28.0 | 30.0 | 3.0 | 3 |
| 4 | 0 | 17.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 27.0 | 25.0 | 4 |
| 5 | 0 | 0 | 7.0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 0 | 5 |
| 6 | 0 | 14.0 | 6.0 | 0 | 70.0 | 0 | 0 | 0 | 0 | 59.0 | 39.0 | 0 | 6 |
| 7 | 0 | 5.0 | 10.0 | 0 | 2.0 | 5.0 | 0 | 0 | 0 | 2.0 | 0 | 23.0 | 7 |
| 8 | 0 | 5.0 | 9.0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 3.0 | 23.0 | 36.0 | 8 |
| 9 | 0 | 8.0 | 54.0 | 0 | 3.0 | 23.0 | 0 | 0 | 0 | 1.0 | 0 | 20.0 | 9 |
| 10 | 0 | 0 | 5.0 | 0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 28.0 | 0 | 10 |
| 11 | 45.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 19.0 | 9.0 | 11 |
| 12 | 0 | 5.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 14.0 | 0 | 1.0 | 0 | 12 |
| 13 | 6.0 | 29.0 | 29.0 | 4.0 | 0 | 1.0 | 0 | 0 | 0 | 15.0 | 26.0 | 5.0 | 13 |
| 14 | 20.0 | 0 | 1.0 | 2.0 | 0 | 0 | 6.0 | 0 | 2.0 | 39.0 | 18.0 | 0 | 14 |
| 15 | 19.0 | 20.0 | 0 | 0 | 0 | 8.0 | 0 | 0 | 1.0 | 0 | 24.0 | 21.0 | 15 |
| 16 | 19.0 | 31.0 | 18.0 | 4.0 | 0 | 0 | 0 | 0 | 4.0 | 4.0 | 30.0 | 3.0 | 16 |
| 17 | 0 | 27.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 20.0 | 1.0 | 28.0 | 5.0 | 17 |
| 18 | 20.0 | 11.0 | 0 | 0 | 0 | 22.0 | 0 | 0 | 6.0 | 45.0 | 2.0 | 3.0 | 18 |
| 19 | 0 | 0 | 28.0 | 0 | 0 | 0 | 4.0 | 0 | 6.0 | 2.0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 3.0 | 0 | 0 | 5.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 1.0 | 0 | 0 | 3.0 | 0 | 0 | 0 | 1.0 | 4.0 | 0 | 21 |
| 22 | 5.0 | 10.0 | 0 | 0 | 9.0 | 0 | 0 | 0 | 0 | 10.0 | 36.0 | 0 | 22 |
| 23 | 0 | 5.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 20.0 | 23.0 | 25.0 | 0 | 23 |
| 24 | 0 | 10.0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 50.0 | 20.0 | 5.0 | 0 | 24 |
| 25 | 0 | 12.0 | 9.0 | 0 | 0 | 0 | 5.0 | 0 | 30.0 | 23.0 | 15.0 | 0 | 25 |
| 26 | 50.0 | 1.0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 31.0 | 0 | 6.0 | 31.0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 0 | 16.0 | 20.0 | 27 |
| 28 | 0 | 0 | 0 | 8.0 | 0 | 0 | 0 | 0 | 11.0 | 16.0 | 0 | 2.0 | 28 |
| 29 | 0 | | 0 | 15.0 | 1.0 | 0 | 0 | 2.0 | 20.0 | 14.0 | 10.0 | 15.0 | 29 |
| 30 | 0 | | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.0 | 18.0 | 30 |
| 31 | 14.0 | | 1.0 | | 0 | | 0 | 23.0 | | 35.0 | | 0 | 31 |
| Sum | 202.0 | 237.0 | 185.0 | 62.0 | 113.0 | 94.0 | 18.0 | 35.0 | 242.0 | 367.0 | 436.0 | 261.0 | |

Annual Total (2,252.0)

Precipitation — STATION __EL TAMBO__
__TIMBIO__ RIVER, IN THE BASIN OF __PATIA__ ELEVATION __1,700__ UNIT __mm__ YEAR __1975__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 0 | 0 | 12.0 | 28.0 | 0 | 0 | 0 | 0 | 10.0 | 2.0 | 5.0 | 1 |
| 2 | 25.0 | 20.0 | 43.0 | 15.0 | 20.0 | 0 | 52.0 | 0 | 0 | 0 | 5.0 | 18.0 | 2 |
| 3 | 0 | 27.0 | 20.0 | 17.0 | 0 | 0 | 8.0 | 0 | 0 | 15.0 | 13.0 | 8.0 | 3 |
| 4 | 0 | 5.0 | 1.0 | 0 | 18.0 | 21.0 | 12.0 | 0 | 0 | 4.0 | 7.0 | 7.0 | 4 |
| 5 | 0 | 39.0 | 0 | 50.0 | 0 | 7.0 | 16.0 | 0 | 0 | 20.0 | 10.0 | 17.0 | 5 |
| 6 | 0 | 3.0 | 0 | 0 | 15.0 | 14.0 | 1.0 | 0 | 0 | 15.0 | 19.0 | 30.0 | 6 |
| 7 | 0 | 54.0 | 20.0 | 0 | 0 | 0 | 2.0 | 0 | 5.0 | 10.0 | 15.0 | 28.0 | 7 |
| 8 | 0 | 1.0 | 0 | 2.0 | 29.0 | 0 | 5.0 | 1.0 | 10.0 | 0 | 33.0 | 17.0 | 8 |
| 9 | 0 | 1.0 | 0 | 1.0 | 3.0 | 0 | 25.0 | 0 | 12.0 | 0 | 14.0 | 8.0 | 9 |
| 10 | 0 | 31.0 | 0 | 9.0 | 0 | 0 | 4.0 | 0 | 0 | 4.0 | 12.0 | 15.0 | 10 |
| 11 | 0 | 0 | 0 | 2.0 | 5.0 | 0 | 16.0 | 0 | 0 | 3.0 | 5.0 | 8.0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 16.0 | 0 | 1.0 | 3.0 | 0 | 20.0 | 6.0 | 4.0 | 12 |
| 13 | 0 | 4.0 | 1.0 | 0 | 0 | 0 | 40.0 | 6.0 | 0 | 10.0 | 6.0 | 2.0 | 13 |
| 14 | 0 | 0 | 5.0 | 0 | 17.0 | 0 | 32.0 | 0 | 2.0 | 25.0 | 11.0 | 13.0 | 14 |
| 15 | 0 | 0 | 15.0 | 1.0 | 29.0 | 0 | 8.0 | 0 | 0 | 20.0 | 15.0 | 29.0 | 15 |
| 16 | 0 | 0 | 0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 30.0 | 16.0 | 16 |
| 17 | 10.0 | 25.0 | 3.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 10.0 | 17 |
| 18 | 0 | 34.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 5.0 | 3.0 | 12.0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.0 | 15.0 | 0 | 4.0 | 22.0 | 19 |
| 20 | 1.0 | 7.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 20.0 | 5.0 | 32.0 | 20 |
| 21 | 6.0 | 30.0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 35.0 | 18.0 | 25.0 | 19.0 | 21 |
| 22 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.0 | 9.0 | 14.0 | 19.0 | 22 |
| 23 | 2.0 | 11.0 | 3.0 | 0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 32.0 | 11.0 | 23 |
| 24 | 0 | 49.0 | 0 | 6.0 | 0 | 0 | 0 | 9.0 | 15.0 | 0 | 30.0 | 3.0 | 24 |
| 25 | 14.0 | 31.0 | 5.0 | 6.0 | 3.0 | 1.0 | 0 | 11.0 | 0 | 9.0 | 15.0 | 18.0 | 25 |
| 26 | 15.0 | 21.0 | 0 | 19.0 | 19.0 | 0 | 0 | 1.0 | 0 | 21.0 | 25.0 | 31.0 | 26 |
| 27 | 0 | 5.0 | 0 | 55.0 | 0 | 0 | 0 | 28.0 | 0 | 2.0 | 6.0 | 15.0 | 27 |
| 28 | 0 | 0 | 0 | 5.0 | 1.0 | 22.0 | 0 | 0 | 0 | 5.0 | 5.0 | 11.0 | 28 |
| 29 | 0 | | 5.0 | 5.0 | 0 | 3.0 | 0 | 10.0 | 0 | 6.0 | 6.0 | 5.0 | 29 |
| 30 | 0 | | 0 | 0 | 38.0 | 0 | 0 | 0 | 0 | 18.0 | 10.0 | 13.0 | 30 |
| 31 | 0 | | 16.0 | | 3.0 | | 0 | 0 | | 8.0 | | 0 | 31 |
| Sum | 74.0 | 409.0 | 136.0 | 210.0 | 249.0 | 82.0 | 222.0 | 109.0 | 133.0 | 280.0 | 408.0 | 446.0 | |

Annual Total (2,758.0)

TIMBIO ___ RIVER, IN THE BASIN OF __ PATIA __ ELEVATION __ 1,700 __ UNIT ___ mm ___ YEAR __ 1976

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 4.0 | 4.0 | 1 |
| 2 | 0 | 0 | 15.0 | 0 | 3.0 | 3.0 | 0 | 0 | 0 | 3.0 | 17.0 | 15.0 | 2 |
| 3 | 0 | 11.0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 3.0 | 30.0 | 0 | 3 |
| 4 | 0 | 10.0 | 3.0 | 0 | 7.0 | 0 | 0 | 0 | 0 | .10.0 | 10.0 | 0 | 4 |
| 5 | 2.0 | 9.0 | 33.0 | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 0 | 5 |
| 6 | 0 | 13.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 0 | 2.0 | 0 | 2.0 | 0 | 0 | 0 | 5.0 | 22.0 | 20.0 | 0 | 7 |
| 8 | 5.0 | 1.0 | 0 | 40.0 | 2.0 | 5.0 | 0 | 0 | 0 | 0 | 16.0 | 5.0 | 8 |
| 9 | 0 | 10.0 | 3.0 | 23.0 | 3.0 | 6.0 | 0 | 0 | 0 | 3.0 | 0 | 0 | 9 |
| 10 | 4.0 | 9.0 | 5.0 | 31.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 0 | 10 |
| 11 | 13.0 | 6.0 | 4.0 | 0 | 0 | 7.0 | 3.0 | 0 | 0 | 0 | 3.0 | 0 | 11 |
| 12 | 0 | 11.0 | 3.0 | 20.0 | 0 | 12.0 | 0 | 0 | 0 | 10.0 | 35.0 | 0 | 12 |
| 13 | 0 | 7.0 | 0 | 10.0 | 0 | 6.0 | 0 | 0 | 0 | 15.0 | 10.0 | 0 | 13 |
| 14 | 0 | 4.0 | 4.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 23.0 | 20.0 | 18.0 | 14 |
| 15 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 20.0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 16 |
| 17 | 3.0 | 0 | 3.0 | 2.0 | 45.0 | 0 | 0 | 5.0 | 0 | 0 | 0 | 5.0 | 17 |
| 18 | 4.0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 7.0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 7.0 | 6.0 | 2.0 | 3.0 | 15.0 | 0 | 0 | 17.0 | 0 | 0 | 0 | 5.0 | 19 |
| 20 | 4.0 | 0 | 5.0 | 10.0 | 3.0 | 0 | 0 | 4.0 | 0 | 0 | 15.0 | 13.0 | 20 |
| 21 | 0 | 0 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.0 | 22 |
| 23 | 0 | 11.0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 17.0 | 23 |
| 24 | 0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 21.0 | 0 | 15.0 | 24 |
| 25 | 0 | 19.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 10.0 | 18.0 | 0 | 5.0 | 25 |
| 26 | 7.0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 22.0 | 23.0 | 0 | 2.0 | 26 |
| 27 | 8.0 | 22.0 | 14.0 | 0 | 3.0 | 0 | 0 | 0 | 9.0 | 15.0 | 0 | 16.0 | 27 |
| 28 | 3.0 | 0 | 23.0 | 0 | 30.0 | 2.0 | 0 | 0 | 0 | 5.0 | 15.0 | 0 | 28 |
| 29 | 30.0 | 0 | 14.0 | 0 | 0 | 0 | 0 | 0 | 5.0 | 0 | 35.0 | 0 | 29 |
| 30 | 0 | | 3.0 | 0 | 10.0 | 0 | 0 | 0 | 0 | 20.0 | 10.0 | 0 | 30 |
| 31 | 0 | | 9.0 | | 0 | | 0 | 0 | | 0 | | 0 | 31 |
| Sum | 90.0 | 149.0 | 201.0 | 177.0 | 148.0 | 41.0 | 3.0 | 33.0 | 61.0 | 212.0 | 254.0 | 161.0 | |

Annual Total (1,530.0)

TIMBIO ___ RIVER, IN THE BASIN OF __ PATIA __ ELEVATION __ 1,700 __ UNIT ___ mm ___ YEAR __ 1977

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0 | 15.0 | 0 | 15.0 | 0 | 10.0 | 0 | 0 | 0 | 6.0 | 10.0 | 10.0 | 1 |
| 2 | 0 | 0 | 0 | 20.0 | 0 | 24.0 | 6.0 | 0 | 0 | 12.0 | 25.0 | 18.0 | 2 |
| 3 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 0 | 65.0 | 6.0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 18.0 | 10.0 | 0 | 0 | 0 | 25.0 | 9.0 | 10.0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 21.0 | 8.0 | 20.0 | 0 | 0 | 0 | 5.0 | 6.0 | 5 |
| 6 | 0 | 0 | 0 | 7.0 | 8.0 | 3.0 | 0 | 0 | 0 | 23.0 | 35.0 | 0 | 6 |
| 7 | 0 | 3.0 | 0 | ～0 | 0 | 25.0 | 4.0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 6.0 | 0 | 35.0 | 5.0 | 0 | 8 |
| 9 | 7.0 | 0 | 0 | 0 | 0 | 0 | 4.0 | 3.0 | 0 | 0 | 8.0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 33.0 | 0 | 0 | 0 | 6.0 | 0 | 10.0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 5.0 | 8.0 | 11.0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.0 | 6.0 | 0 | 18.0 | 4.0 | 12 |
| 13 | 0 | 0 | 0 | 10.0 | 0 | 0 | 0 | 11.0 | 8.0 | 0 | 8.0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 20.0 | 0 | 10.0 | 8.0 | 5.0 | 4.0 | 6.0 | 7.0 | 14 |
| 15 | 0 | 0 | 7.0 | 0 | 19.0 | 0 | 9.0 | 0 | 4.0 | 3.0 | 9.0 | 15.0 | 15 |
| 16 | 0 | 5.0 | 0 | 0 | 20.0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 0 | 16 |
| 17 | 0 | 30.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.0 | 25.0 | 0 | 17 |
| 18 | 5.0 | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 6.0 | 0 | 7.0 | 0 | 18 |
| 19 | 2.0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 40.0 | 0 | 16.0 | 2.0 | 19 |
| 20 | 0 | 11.0 | 0 | 0 | 0 | 11.0 | 0 | 15.0 | 57.0 | 0 | 20.0 | 0 | 20 |
| 21 | 0 | 7.0 | 25.0 | 14.0 | 0 | 11.0 | 0 | 0 | 14.0 | 0 | 22.0 | 0 | 21 |
| 22 | 0 | 0 | 15.0 | 22.0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.0 | 0 | 22 |
| 23 | 15.0 | 0 | 40.0 | 0 | 5.0 | 0 | 0 | 0 | 0 | 10.0 | 40.0 | 0 | 23 |
| 24 | 2.0 | 13.0 | 7.0 | 14.0 | 9.0 | 0 | 0 | 0 | 10.0 | 20.0 | 5.0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 18.0 | 0 | 0 | 0 | 0 | 43.0 | 12.0 | 3.0 | 13.0 | 25 |
| 26 | 0 | 8.0 | 0 | 0 | 0 | 5.0 | 25.0 | 0 | 28.0 | 35.0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 15.0 | 0 | 0 | 0 | 0 | 30.0 | 33.0 | 0 | 56.0 | 27 |
| 28 | 10.0 | 0 | 35.0 | 0 | 0 | 0 | 0 | 0 | 68.0 | 5.0 | 0 | 11.0 | 28 |
| 29 | 9.0 | | 35.0 | 0 | 0 | 26.0 | 0 | 0 | 10.0 | 4.0 | 0 | 0 | 29 |
| 30 | 0 | | 40.0 | 0 | 0 | 9.0 | 0 | 0 | 20.0 | 20.0 | 0 | 8.0 | 30 |
| 31 | 2.0 | | 5.0 | | 0 | | 0 | 0 | | 24.0 | | 38.0 | 31 |
| Sum | 59.0 | 117.0 | 215.0 | 135.0 | 120.0 | 195.0 | 81.0 | 88.0 | 349.0 | 354.0 | 323.0 | 219.0 | |

Annual Total (2,255.0)

Precipitation    STATION   EL TAMBO

TIMBIO   RIVER, IN THE BASIN OF   PATIA   ELEVATION   1.700   UNIT   mm   YEAR   1978

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 7.0 | 1.0 | 25.0 | 76.0 | 0 | 3.0 | | | | | | | 1 |
| 2 | 30 0 | 0 | 0 | 0 | 7.0 | 0 | | | | | | | 2 |
| 3 | 0 | 0 | 0 | 0 | 6.0 | 3.0 | | | | | | | 3 |
| 4 | 5 0 | 0 | 0 | 7.0 | 6.0 | 0 | | | | | | | 4 |
| 5 | 0 | 3.0 | 0 | 2.0 | 16.0 | 0 | | | | | | | 5 |
| 6 | 15.0 | 1.0 | 1.0 | 15.0 | 53.0 | 0 | | | | | | | 6 |
| 7 | 6.0 | 3.0 | 5.0 | 5.0 | 0 | 0 | | | | | | | 7 |
| 8 | 26.0 | 5.0 | 23.0 | 7.0 | 1.0 | 0 | | | | | | | 8 |
| 9 | 13.0 | 0 | 0 | 2.0 | 24.0 | 0 | | | | | | | 9 |
| 10 | 19.0 | 1.0 | 0 | 0 | 0 | 1.0 | | | | | | | 10 |
| 11 | 14.0 | 0 | 0 | 14.0 | 0 | 2.0 | | | | | | | 11 |
| 12 | 0 | 3.0 | 0 | 0 | 0 | 3.0 | | | | | | | 12 |
| 13 | 0 | 0 | 8.0 | 5.0 | 1.0 | 0 | | | | | | | 13 |
| 14 | 0 | 0 | 0 | 16.0 | 0 | 0 | | | | | | | 14 |
| 15 | 0 | 0 | 0 | 2.0 | 0 | 3.0 | | | | | | | 15 |
| 16 | 19.0 | 0 | 0 | 6.0 | 0 | 2.0 | | | | | | | 16 |
| 17 | 0 | 0 | 0 | 4.0 | 1.0 | 0 | | | | | | | 17 |
| 18 | 5.0 | 0 | 0 | 0 | 0 | 7.0 | | | | | | | 18 |
| 19 | 0 | 0 | 0 | 0 | 1.0 | 0 | | | | | | | 19 |
| 20 | 0 | 0 | 0 | 30.0 | 0 | 4.0 | | | | | | | 20 |
| 21 | 0 | 0 | 0 | 9.0 | 3.0 | 2.0 | | | | | | | 21 |
| 22 | 0 | 0 | 0 | 10.0 | 2.0 | 0 | | | | | | | 22 |
| 23 | 0 | 5.0 | 5.0 | 10.0 | 1.0 | 0 | | | | | | | 23 |
| 24 | 0 | 0 | 0 | 0 | 55.0 | 3.0 | | | | | | | 24 |
| 25 | 0 | 1.0 | 0 | 0 | 9.0 | 0 | | | | | | | 25 |
| 26 | 0 | 0 | 13.0 | 3.0 | 38.0 | 0 | | | | | | | 26 |
| 27 | 0 | 0 | 0 | 4.0 | 6.0 | 0 | | | | | | | 27 |
| 28 | 0 | 0 | 41.0 | 0 | 0 | 0 | | | | | | | 28 |
| 29 | 0 | | 0 | 0 | 2.0 | 0 | | | | | | | 29 |
| 30 | 0 | | 5.0 | 0 | 1.0 | 0 | | | | | | | 30 |
| 31 | 0 | | 0 | | 0 | | | | | | | | 31 |
| Sum | 159.0 | 23.0 | 126.0 | 230.0 | 233.0 | 33.0 | | | | | | | |

Annual Total (    )

V - 137

## V-7    DAILY TEMPERATURE

| | Meteorological | Elevation (m) | Recording Period |
|---|---|---|---|
| (1) | Popayan (Machangara) | 1,730 | Jan. 1962 – Nov. 1977 |

Temperature (At 13 O'clock)  STATION __Popayan__
RIVER IN THE BASIN OF ____  ELEVATION __1,730m__ UNIT __°C__  YEAR __1962__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22.5 | 22.5 | 22.5 | 21.5 | 21.5 | 25.5 | 24.0 | 25.0 | 25.0 | 22.0 | 23.3 | 21.0 | 1 |
| 2 | 22.0 | 22.0 | 23.0 | 20.0 | 20.3 | 23.0 | 23.0 | 24.0 | 28.5 | 22.5 | 23.0 | 24.0 | 2 |
| 3 | 21.0 | 23.0 | 21.5 | 21.0 | 22.0 | 22.8 | 22.5 | 22.5 | 28.0 | 24.8 | 17.5 | 23.3 | 3 |
| 4 | 21.0 | 22.5 | 22.5 | 21.5 | 22.5 | 22.0 | 22.0 | 24.0 | 23.5 | 23.7 | 23.0 | 26.0 | 4 |
| 5 | 24.0 | 23.0 | 18.0 | 22.0 | 23.0 | 20.5 | 23.5 | 24.5 | 24.5 | 23.0 | 22.0 | 24.0 | 5 |
| 6 | 23.0 | 22.0 | 20.0 | 21.5 | 22.4 | 19.5 | 25.0 | 20.5 | 22.0 | 24.0 | 23.0 | 22.0 | 6 |
| 7 | 22.0 | 20.0 | 17.0 | 22.0 | 23.0 | 23.5 | 25.5 | 22.0 | 27.3 | 20.0 | 30.0 | 22.0 | 7 |
| 8 | 22.0 | 21.0 | 21.5 | 20.0 | 20.5 | 24.0 | 22.0 | 24.0 | 24.0 | 22.5 | 23.0 | | 8 |
| 9 | 22.0 | 21.5 | 21.0 | 22.0 | 22.0 | 22.0 | 27.0 | 21.0 | 19.5 | 22.0 | 23.0 | 22.3 | 9 |
| 10 | 20.5 | 22.0 | 22.0 | 22.5 | 17.5 | 20.5 | 23.5 | 21.0 | 26.0 | 20.0 | 22.0 | 22.0 | 10 |
| 11 | 22.0 | 19.0 | 21.5 | 22.0 | 22.0 | 20.0 | 25.5 | 22.0 | 23.5 | 21.5 | 23.0 | 21.0 | 11 |
| 12 | 19.0 | 20.0 | 23.0 | 23.5 | 20.0 | 21.5 | 24.0 | 21.5 | 26.0 | 22.4 | 22.0 | 21.5 | 12 |
| 13 | 22.0 | 22.0 | 20.0 | 23.0 | 24.8 | 20.0 | 22.5 | 23.0 | 24.5 | 23.0 | 23.0 | 22.5 | 13 |
| 14 | 21.0 | 23.0 | 21.0 | 22.0 | 21.0 | 21.5 | 23.0 | 19.5 | 23.5 | 16.0 | 21.0 | 19.0 | 14 |
| 15 | 21.5 | 19.0 | 19.5 | 24.5 | 22.5 | 21.5 | 19.0 | 25.0 | 23.8 | 17.8 | 20.0 | 22.5 | 15 |
| 16 | 20.5 | 21.0 | 22.0 | 21.5 | 21.5 | 19.0 | 24.5 | 23.0 | 23.0 | 18.5 | 21.0 | 21.5 | 16 |
| 17 | 22.0 | 20.5 | 22.0 | 23.5 | 20.0 | 21.5 | 25.0 | 22.5 | 21.0 | 22.2 | 18.5 | 19.5 | 17 |
| 18 | 21.0 | 21.0 | 22.5 | 24.5 | 20.5 | 23.0 | 24.5 | 22.0 | 23.5 | 21.5 | 22.5 | 21.0 | 18 |
| 19 | 23.0 | 23.5 | 20.0 | 20.0 | 19.5 | 24.5 | 20.5 | 24.5 | 24.0 | 20.3 | 22.0 | 16.0 | 19 |
| 20 | 23.0 | 22.5 | 21.5 | 21.0 | 19.0 | 22.0 | 24.0 | 24.5 | 26.0 | 24.0 | 24.0 | 21.5 | 20 |
| 21 | 22.0 | 22.5 | 19.0 | 20.3 | 24.0 | 20.0 | 25.5 | 26.0 | 16.0 | 25.0 | 18.0 | 22.5 | 21 |
| 22 | 24.0 | 24.0 | 22.0 | 19.0 | 26.5 | 23.5 | 22.5 | 25.5 | 22.5 | 22.5 | 22.0 | 21.5 | 22 |
| 23 | 23.0 | 24.0 | 19.0 | 21.0 | 22.0 | 27.4 | 24.0 | 23.0 | 25.0 | 24.0 | 22.5 | 22.0 | 23 |
| 24 | 22.0 | 23.0 | 16.2 | 21.5 | 21.5 | 21.0 | 21.0 | 24.5 | 27.0 | 25.5 | 21.5 | 23.5 | 24 |
| 25 | 23.0 | 23.5 | 20.0 | 20.0 | 19.0 | 21.0 | 19.3 | 23.5 | 26.7 | 24.0 | 21.0 | 22.0 | 25 |
| 26 | 22.0 | 24.0 | 20.5 | 21.0 | 17.5 | 18.5 | 22.0 | 23.0 | 26.0 | 25.6 | 17.5 | 23.0 | 26 |
| 27 | 22.0 | 23.0 | 22.5 | 22.5 | 21.5 | 19.0 | 23.0 | 24.0 | 22.6 | 23.5 | 22.0 | 23.0 | 27 |
| 28 | 21.0 | 20.0 | 22.5 | 20.5 | 22.0 | 20.0 | 22.0 | 21.6 | 24.0 | 24.5 | 23.0 | 25.0 | 28 |
| 29 | 20.0 | 22.5 | 22.0 | 24.0 | 24.0 | 23.0 | 21.5 | 21.0 | 21.5 | 21.0 | 23.0 | 22.5 | 29 |
| 30 | 21.5 | | 22.5 | 22.5 | 24.5 | 20.0 | 24.0 | 22.5 | 22.0 | 23.5 | 21.0 | 24.0 | 30 |
| 31 | 23.0 | | 21.5 | | 24.5 | | 26.5 | 22.0 | | 20.5 | | | 31 |
| Average | 22.0 | 22.9 | 21.0 | 21.7 | 21.7 | 21.5 | 23.4 | 23.0 | 24.0 | 22.4 | 21.6 | 22.1 | |

Annual Total (        )

Temperature (At 13 O'clock)  STATION __Popayan__
RIVER, IN THE BASIN OF ____  ELEVATION __1,730m__ UNIT __°C__  YEAR __1963__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.1 | 21.0 | 22.5 | 22.0 | 24.0 | 24.5 | 25.5 | 19.0 | 20.0 | 23.5 | 23.0 | 22.5 | 1 |
| 2 | 24.0 | 20.0 | 23.0 | 23.5 | 21.5 | 22.0 | 22.0 | 20.0 | 27.0 | 24.0 | 22.5 | 22.5 | 2 |
| 3 | 22.0 | 18.0 | 22.0 | 23.0 | 24.0 | 24.0 | 26.3 | 23.0 | 28.0 | 25.5 | 21.0 | 22.0 | 3 |
| 4 | 21.5 | 20.0 | 20.0 | 19.5 | 24.0 | 22.5 | 27.0 | 25.0 | 27.0 | 26.0 | 23.0 | 19.0 | 4 |
| 5 | 21.5 | 19.0 | 23.5 | 22.0 | 24.0 | 25.5 | 24.5 | 23.5 | 25.5 | 25.5 | 21.0 | 23.0 | 5 |
| 6 | 23.5 | 21.0 | 22.5 | 20.0 | 19.0 | 27.0 | 24.0 | 24.0 | 24.0 | 28.0 | 18.0 | 23.0 | 6 |
| 7 | 21.0 | 21.5 | 24.0 | 21.0 | 19.0 | 26.5 | 24.0 | 20.0 | 24.0 | 21.1 | 21.0 | 22.0 | 7 |
| 8 | 22.5 | 21.0 | 20.0 | 23.0 | 22.0 | 25.0 | 22.0 | 20.5 | 21.5 | 22.0 | 23.0 | 23.0 | 8 |
| 9 | 20.0 | 22.0 | 21.0 | 23.0 | 22.5 | 22.0 | 22.0 | 24.0 | 22.5 | 24.5 | 23.0 | 23.0 | 9 |
| 10 | 18.0 | 20.0 | 22.0 | 25.0 | 18.5 | 20.0 | 18.0 | 23.5 | 24.0 | 24.0 | 24.0 | 27.5 | 10 |
| 11 | 20.0 | 18.0 | 22.5 | 20.0 | 23.0 | 19.5 | 21.0 | 25.0 | 26.0 | 26.0 | 21.0 | 25.0 | 11 |
| 12 | 22.5 | 22.0 | 18.0 | 22.8 | 23.5 | 20.0 | 21.0 | 26.0 | 24.0 | -23.0 | 22.0 | 24.0 | 12 |
| 13 | 22.0 | 24.5 | 21.0 | 23.0 | 20.0 | 19.5 | 22.0 | 30.0 | 26.0 | 23.0 | 20.0 | 23.0 | 13 |
| 14 | 22.5 | 23.5 | 22.0 | 23.0 | 22.0 | 20.0 | 23.0 | 25.0 | 26.0 | 25.0 | 21.0 | 22.8 | 14 |
| 15 | 21.0 | 24.5 | 24.0 | 23.5 | 20.5 | 22.0 | 22.5 | 21.0 | 22.0 | 19.0 | 21.5 | 22.9 | 15 |
| 16 | 20.8 | 23.5 | 21.0 | 23.5 | 23.0 | 21.0 | 18.0 | 24.3 | 29.0 | 19.0 | 22.0 | 21.0 | 16 |
| 17 | 21.0 | 22.5 | 23.0 | 22.5 | 20.0 | 25.0 | 25.0 | 23.5 | 23.3 | 20.0 | 25.0 | 22.0 | 17 |
| 18 | 18.0 | 20.0 | 20.0 | 21.0 | 25.5 | 24.0 | 25.0 | 25.0 | 23.0 | 23.0 | 23.5 | 22.5 | 18 |
| 19 | 20.0 | 17.5 | 22.5 | 24.0 | 24.0 | 24.5 | 25.2 | 22.0 | 23.0 | 26.0 | 22.0 | 22.5 | 19 |
| 20 | 23.0 | 20.0 | 21.0 | 21.0 | 21.5 | 25.0 | 26.0 | 22.5 | 23.0 | 24.0 | 21.0 | 21.5 | 20 |
| 21 | 21.5 | 21.0 | 21.0 | 23.5 | 24.5 | 24.5 | 23.0 | 25.0 | 24.0 | 25.5 | 21.0 | 24.0 | 21 |
| 22 | 22.5 | 19.0 | 21.5 | 21.5 | 26.5 | 25.5 | 23.5 | 23.5 | 21.0 | 26.0 | 20.7 | 22.0 | 22 |
| 23 | 23.0 | 20.5 | 22.8 | 26.0 | 24.5 | 24.0 | 20.5 | 22.0 | 23.5 | 25.2 | 22.0 | 21.0 | 23 |
| 24 | 23.5 | 21.0 | 17.0 | 20.5 | 24.5 | 24.0 | 23.5 | 24.5 | 23.0 | 23.0 | 21.8 | 21.5 | 24 |
| 25 | 21.0 | 21.5 | 22.5 | 23.0 | 23.0 | 25.5 | 23.0 | 27.5 | 24.0 | 24.5 | 23.0 | 20.0 | 25 |
| 26 | 22.0 | 19.0 | 22.0 | 25.5 | 25.0 | 23.0 | 21.0 | 28.0 | 24.0 | 22.0 | 21.5 | 21.5 | 26 |
| 27 | 21.7 | 21.5 | 23.0 | 22.0 | 23.0 | 23.5 | 23.5 | 25.0 | 25.5 | 21.0 | 21.0 | 22.0 | 27 |
| 28 | 20.5 | 21.0 | 21.5 | 21.0 | 23.0 | 22.0 | 23.0 | 25.0 | 26.5 | 21.0 | 22.0 | 23.5 | 28 |
| 29 | 22.5 | | 23.5 | 20.0 | 25.0 | 23.5 | 24.5 | 30.0 | 21.0 | 24.5 | 24.0 | 21.0 | 29 |
| 30 | 21.0 | | 23.0 | 22.0 | 26.0 | 23.0 | 24.0 | 29.5 | 25.0 | 22.0 | 23.5 | 20.8 | 30 |
| 31 | 21.1 | | 24.0 | | 21.0 | | 21.5 | 26.5 | | 19.0 | | 22.0 | 31 |
| Average | 21.6 | 20.9 | 21.8 | 22.4 | 22.9 | 23.3 | 23.1 | 24.3 | 24.5 | 23.5 | 22.0 | 22.4 | |

Annual Total (        )

Temperature (At 13 O'clock)  STATION __ Popayan

RIVER, IN THE BASIN OF _____  ELEVATION __1,730m__ UNIT __°C__  YEAR __1964__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.0 | 23.0 | 24.5 | 21.5 | 23.5 | 22.0 | 20.0 | 24.5 | 22.0 | 23.0 | 21.0 | 23.5 | 1 |
| 2 | 23.0 | 24.0 | 22.5 | 25.0 | 24.0 | 19.5 | 20.5 | 25.0 | 19.5 | 21.3 | 19.0 | 22.6 | 2 |
| 3 | 23.0 | 23.0 | 22.8 | 19.5 | 22.5 | 22.5 | 22.5 | 23.5 | 22.0 | 25.0 | 17.5 | 24.0 | 3 |
| 4 | 23.0 | 23.7 | 26.0 | 23.0 | 24.5 | 23.0 | 24.5 | 25.0 | 21.0 | 27.0 | 19.0 | 20.0 | 4 |
| 5 | 23.4 | 23.0 | 23.5 | 22.0 | 23.0 | 23.0 | 24.0 | 25.0 | 21.0 | 26.0 | 18.5 | 22.0 | 5 |
| 6 | 22.8 | 23.5 | 23.5 | 20.0 | 21.0 | 17.0 | 22.5 | 24.0 | 20.0 | 19.0 | 21.0 | 22.0 | 6 |
| 7 | 23.5 | 23.0 | 24.0 | 17.5 | 21.0 | 21.0 | 23.5 | 23.5 | 23.0 | 21.0 | 21.5 | 22.0 | 7 |
| 8 | 25.0 | 23.5 | 22.0 | 21.0 | 23.0 | 19.5 | 21.0 | 23.0 | 23.0 | 22.5 | 19.0 | 23.0 | 8 |
| 9 | 22.5 | 24.0 | 23.0 | 18.5 | 19.5 | 21.0 | 23.0 | 23.5 | 21.0 | 22.0 | 24.5 | 22.0 | 9 |
| 10 | 23.0 | 23.0 | 25.0 | 21.0 | 22.0 | 22.0 | 23.5 | 23.0 | 21.0 | 21.5 | 24.0 | 18.0 | 10 |
| 11 | 23.5 | 21.0 | 23.0 | 23.3 | 22.0 | 19.0 | 22.0 | 23.5 | 22.0 | 19.0 | 22.5 | 19.5 | 11 |
| 12 | 24.0 | 21.0 | 22.0 | 21.0 | 24.0 | 22.0 | 22.5 | 22.0 | 23.0 | 21.0 | 22.0 | 21.0 | 12 |
| 13 | 23.5 | 21.0 | 22.0 | 19.5 | 25.1 | 20.0 | 23.0 | 22.0 | 27.0 | 21.0 | 22.0 | 20.5 | 13 |
| 14 | 23.4 | 21.0 | 24.5 | 23.0 | 23.0 | 19.0 | 20.0 | 21.0 | 23.5 | 21.3 | 21.0 | 21.0 | 14 |
| 15 | 23.0 | 22.0 | 22.5 | 22.3 | 25.0 | 21.0 |  | 22.0 | 23 0 | 19.0 | 22.0 | 21.5 | 15 |
| 16 | 24.0 | 21.0 | 19.5 | 18.0 | 28.0 | 21.7 | 22.0 | 20.0 | 22.0 | 23.0 | 17.8 | 21.0 | 16 |
| 17 | 22.5 | 22.0 | 23.0 | 20.5 | 22.5 | 22.0 | 16.0 | 20.0 | 23.0 | 21.0 | 18.5 | 23.5 | 17 |
| 18 | 23.5 | 23.0 | 21.0 | 20.0 | 23.0 | 23.0 | 20.0 | 22.0 | 22.5 | 22.0 | 21.6 | 22.0 | 18 |
| 19 | 25.0 | 22.0 | 23.0 | 22.8 | 23.5 | 21.0 | 21.0 | 22.5 | 23.4 | 20.0 | 22 0 | 21.0 | 19 |
| 20 | 24.0 | 19.0 | 22.0 | 21.0 | 22.0 | 20.0 | 21.0 | 21.5 | 24.0 | 21.0 | 25.4 | 21.0 | 20 |
| 21 | 22.5 | 21.5 | 23.0 | 23.5 | 21.0 | 21.0 | 21.0 | 19.5 | 26.0 | 22.0 | 23.0 | 20.0 | 21 |
| 22 | 23.0 | 22.8 | 23.0 | 23.5 | 20.0 | 17.0 | 18.0 | 21.5 | 26.5 | 22.0 | 22.8 | 17.0 | 22 |
| 23 | 25.0 |  | 23.0 | 22.0 | 22.5 | 22.0 | 20.0 | 20.0 | 23.0 | 20.0 | 21.5 | 21.0 | 23 |
| 24 | 23.0 | 24.0 | 23.0 | 22.0 | 19.0 | 22.2 | 23.5 | 21.0 | 23.5 | 21.0 | 21.6 | 20.5 | 24 |
| 25 | 23.0 | 24.5 | 23.0 | 20.0 | 23.5 | 22.0 | 22.0 | 20 5 | 20.0 | 24.0 | 22 0 | 18.0 | 25 |
| 26 | 22.0 | 22.5 | 24.5 | 19.0 | 22.0 | 24.7 | 25.0 | 19.0 | 20.5 | 22.5 | 23.6 | 21.0 | 26 |
| 27 | 21.8 | 24.3 | 20.0 | 24.0 | 20.0 | 17.5 | 23.0 | 21.3 | 21.0 | 21.0 | 21.5 | 21.0 | 27 |
| 28 | 23.0 | 22.5 | 23.0 | 24.0 | 22.0 | 25.0 | 20.5 | 23.0 | 23 0 | 20.0 | 22.4 | 20.0 | 28 |
| 29 | 22.5 | 23.5 | 23.0 | 22.0 | 22.5 | 22.0 | 24.0 | 23.5 | 23.5 | 17.0 | 22.2 | 22.5 | 29 |
| 30 | 24.0 |  | 20.0 | 22.5 | 21.0 | 19.0 | 21.5 | 19.0 | 16.0 | 23.5 | 23.0 | 22.0 | 30 |
| 31 | 23.5 |  | 20.0 |  | 19.0 |  | 22.5 | 21.0 |  | 22.0 |  | 22.5 | 31 |
| Average | 23.2 | 22.6 | 22.7 | 21.4 | 22.4 | 21.0 | 21.8 | 22.2 | 22.3 | 21.6 | 21.4 | 21.2 | |

Annual Total (    )

Temperature (At 13 O'clock)  STATION _ Popayan

RIVER, IN THE BASIN OF _____  ELEVATION __1,730m__ UNIT __°C__  YEAR __1965__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | NO | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.5 | 22.0 | 24.0 | 20.0 | 21.0 | 24.0 | 24.5 | 21.5 | 24.5 | 19.0 | 25.0 | 23.5 | 1 |
| 2 | 21.0 | 22.0 | 24.4 | 21.5 | 22.5 | 24.5 | 22.0 | 28.0 | 25.5 | 23.0 | 21.0 | 21.5 | 2 |
| 3 | 20.5 | 22.5 | 23.5 | 18.0 | 23.5 | 24.5 | 21.0 | 26.0 | 22.5 | 22.5 | 22.0 | 23.0 | 3 |
| 4 | 22.0 | 22.0 | 22.0 | 21.5 | 24.5 | 24.0 | 23.5 | 24.0 | 18.0 | 22.5 | 23.5 | 21.3 | 4 |
| 5 | 22.0 | 22.5 | 23.0 | 22.5 | 26.5 | 24.0 | 21.0 | 25.0 | 22.5 | 26.0 | 22 0 | 22.0 | 5 |
| 6 | 22.0 | 23.5 | 22.0 | 20.0 | 23.0 | 26.5 | 20.0 | 25.5 | 24.5 | 25.5 | 21 0 | 23.5 | 6 |
| 7 | 22.0 | 22.5 | 20.5 | 23.0 | 21.5 | 24.5 | 25.0 | 18.5 | 24.5 | 24.0 | 19.5 | 18.0 | 7 |
| 8 | 21.5 | 22.0 | 23.5 | 22.0 | 21.5 | 23.0 | 27.0 | 24.5 | 24.0 | 24.5 | 17.5 | 22.0 | 8 |
| 9 | 21.5 | 24.0 | 23.5 | 17.0 | 22.0 | 21.0 | 25.0 | 24.5 | 27.5 | 22.0 | 20.0 | 22.0 | 9 |
| 10 | 21.0 | 23.0 | 22.0 | 22.5 | 21.5 | 22.5 | 25.5 | 23.5 | 21.0 | 23.0 | 24.5 | 22.0 | 10 |
| 11 | 21.2 | 22.5 | 21.5 | 20.5 | 22.0 | 21.5 | 23.5 | 24.5 | 22.0 | 18.0 | 26.0 | 23.5 | 11 |
| 12 | 22.0 | 23.0 | 22.5 | 19.5 | 16.0 | 23.0 | 26.0 | 22.5 | 28.0 | 22.0 | 23.5 | 22.5 | 12 |
| 13 | 18.0 | 22.0 | 20.0 | 21.5 | 22.0 | 26.4 | 29.0 | 24.5 | 26.5 | 25.5 | 22.0 | 22.0 | 13 |
| 14 | 22.0 | 23.0 | 22.5 | 21.0 | 23.0 | 24.5 | 22.0 | 24.5 | 22.0 | 19.0 | 23.0 | 24.0 | 14 |
| 15 | 20.5 | 22.0 | 21.5 | 18.0 | 24.0 | 21.5 | 24.0 | 24.5 | 22.5 | 25 0 | 21.0 | 22.0 | 15 |
| 16 | 20.0 | 29.0 | 22.0 | 20.8 | 20.5 | 24.0 | 24.0 | 24.2 | 26.0 | 21.4 | 20.5 | 24.5 | 16 |
| 17 | 19.0 | 23.0 | 22.0 | 21.0 | 24.0 | 25.5 | 27.0 | 21.0 | 23.0 | 21.5 | 24.0 | 22.0 | 17 |
| 18 | 21.1 | 24.5 | 22.0 | 23.0 | 24.7 | 25.0 | 29.0 | 19.0 | 25.5 | 23.0 | 23.0 | 21.0 | 18 |
| 19 | 21.0 | 20.0 | 21.0 | 21.5 | 25.0 | 26.0 | 26.5 | 19.0 | 27.0 | 23.5 | 19.5 | 21.0 | 19 |
| 20 | 22.5 | 23.5 | 21.0 | 19.5 | 18.0 | 26.5 | 26.0 | 22.6 | 25.5 | 23.0 | 20 0 | 21.5 | 20 |
| 21 | 21.5 | 22.5 | 20.0 | 21.0 | 23.0 | 21.5 | 23.5 | 24.5 | 26.0 | 22.8 | 22.5 | 24.0 | 21 |
| 22 | 21.5 | 23.0 | 21.0 | 21.5 | 22.5 | 23.5 | 24.0 | 25.0 | 24.0 | 24.0 | 22.5 | 27.0 | 22 |
| 23 | 22.0 | 23.5 | 25.0 | 23.0 | 22.0 | 26.0 | 23.5 | 26.0 | 24.5 | 22.5 | 22.0 | 21.5 | 23 |
| 24 | 22.0 | 25.5 | 21.0 | 19.5 | 25.0 | 21.5 | 27.0 | 26.0 | 24.0 | 24.5 | 21.5 | 22.5 | 24 |
| 25 | 20.5 | 24.5 | 24.5 | 17.0 | 24.5 | 24.5 | 25.5 | 24.5 | 23.5 | 22.5 | 20.5 | 22.0 | 25 |
| 26 | 21.5 | 25.0 | 23.5 | 22.0 | 21.0 | 24.0 | 25.0 | 26.5 | 21.0 | 20.0 | 21.0 | 21.0 | 26 |
| 27 | 21.5 | 24.5 | 23.0 | 22.0 | 21.5 | 21.5 | 29.5 | 25.5 | 19.0 | 21.5 | 23.0 | 22.0 | 27 |
| 28 | 21.5 | 25.0 | 20.0 | 18.5 | 21.5 | 22.0 | 22.5 | 26.0 | 20.5 | 22.0 | 21.0 | 22 0 | 28 |
| 29 | 22.5 |  | 22.5 | 20.5 | 20.0 | 22.7 | 23.0 | 23.5 | 24.0 | 21.5 | 22.5 | 19.5 | 29 |
| 30 | 21.3 |  | 24.5 | 20.5 | 20.5 | 22.5 | 25.5 | 23.5 | 22.0 | 24.5 | 21.5 | 20 0 | 30 |
| 31 | 19.0 |  | 28.5 |  | 22.0 |  | 21.0 | 22.0 |  | 14.5 |  | 22.0 | 31 |
| Average | 21.2 | 23.3 | 22.6 | 20.7 | 22.3 | 23.9 | 24.6 | 24.1 | 23.7 | 22.5 | 22.0 | 22.6 | |

Annual Total (    )

Temperature (At 13 O'clock) — STATION Popayan
RIVER, IN THE BASIN OF _____ ELEVATION 1,730m UNIT °C YEAR 1960

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.5 | 25.0 | 22.5 | 24.0 | | 21.0 | 25.0 | 24.5 | 21.0 | 20.0 | 22.5 | 23.0 | 1 |
| 2 | 23.5 | 25.5 | 22.5 | 22.0 | 22.0 | 22.7 | 24.5 | 27.5 | 25.0 | 19.5 | 19.0 | 22.0 | 2 |
| 3 | 22.0 | 23.0 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.0 | 19.5 | 18.0 | 24.5 | 21.5 | 3 |
| 4 | 22.5 | 22.0 | 24.5 | 24.3 | 24.5 | 24.5 | 24.0 | 22.5 | 25.0 | 24.0 | 23.5 | 19.0 | 4 |
| 5 | 24.0 | 22.5 | 24.0 | 23.5 | 24.5 | 24.5 | 27.5 | 25.5 | 28.0 | 18.0 | 22.0 | 21.5 | 5 |
| 6 | 22.5 | 22.5 | 20.0 | 24.5 | 25.0 | 23.5 | 23.0 | 22.5 | 26.0 | 24.5 | 23.0 | 20.0 | 6 |
| 7 | 22.0 | 24.0 | 22.0 | 24.0 | 23.0 | 25.7 | 23.5 | 25.2 | 23.0 | 24.0 | 21.5 | 21.5 | 7 |
| 8 | 22.5 | 23.0 | 24.7 | 22.0 | 25.0 | 24.0 | 23.5 | 25.0 | 19.0 | 23.5 | 23.0 | 22.0 | 8 |
| 9 | 22.5 | 25.0 | 22.5 | 19.0 | 22.5 | 22.5 | 21.0 | 23.5 | 20.0 | 22.5 | 21.0 | 21.5 | 9 |
| 10 | 23.5 | 24.0 | 18.0 | 25.0 | 18.0 | 24.5 | 22.5 | 25.0 | 24.5 | 18.5 | 23.5 | 21.0 | 10 |
| 11 | 23.0 | 21.0 | 21.0 | 24.5 | 23.0 | 22.0 | 18.0 | 24.5 | 22.5 | 21.0 | 21.0 | 18.5 | 11 |
| 12 | 25.0 | 24.0 | 23.5 | 24.0 | 24.5 | 21.5 | 22.5 | 24.0 | 22.5 | 22.0 | 20.5 | 18.0 | 12 |
| 13 | 24.0 | 24.0 | 22.5 | 23.0 | 22.0 | 22.5 | 23.0 | 22.5 | 24.5 | 17.5 | 17.0 | 18.0 | 13 |
| 14 | 21.0 | 25.0 | 21.0 | 21.0 | 24.5 | 23.8 | 25.0 | 20.0 | 21.5 | 20.5 | 20.5 | 18.5 | 14 |
| 15 | 22.5 | 22.0 | 22.5 | 21.5 | 20.0 | 22.0 | 21.7 | 24.0 | 21.0 | 21.0 | 17.5 | 22.0 | 15 |
| 16 | 21.5 | 23.0 | 24.5 | 21.0 | 22.5 | 23.5 | 23.0 | 23.0 | 24.5 | 22.0 | 22.0 | 22.0 | 16 |
| 17 | 22.0 | 23.5 | 25.0 | 21.5 | 22.5 | 21.5 | 23.0 | 25.5 | 22.0 | 17.5 | 19.0 | 21.5 | 17 |
| 18 | 22.0 | 24.5 | 22.0 | 20.0 | 21.5 | 21.0 | 26.0 | 23.0 | 23.0 | 21.5 | 19.0 | 20.0 | 18 |
| 19 | 26.0 | 26.0 | 23.0 | 23.0 | 23.0 | 21.0 | 22.0 | 24.5 | 23.0 | 23.0 | 22.5 | 20.5 | 19 |
| 20 | 26.0 | 25.7 | | 22.0 | 24.5 | 18.0 | 24.0 | 26.5 | 24.0 | 25.5 | 19.0 | 21.0 | 20 |
| 21 | 26.0 | 24.0 | 22.5 | 21.5 | 23.5 | 22.0 | 22.0 | 24.0 | 24.0 | 22.5 | 22.0 | 21.5 | 21 |
| 22 | 26.0 | 27.5 · | 22.5 | 20.0 | 23.5 | 23.5 | 23.5 | 21.0 | 23.0 | 24.0 | 21.5 | 18.0 | 22 |
| 23 | 25.5 | 24.0 | 27.0 | 22.5 | 23.0 | 24.5 | 24.5 | 20.0 | 23.5 | 24.0 | 22.5 | 23.5 | 23 |
| 24 | 24.0 | 25.0 | 24.0 | 23.0 | 23.0 | 17.0 | 19.5 | 23.5 | 23.5 | 24.0 | 20.5 | 22.0 | 24 |
| 25 | 27.0 | 23.5 | 21.0 | 21.5 | 20.0 | 21.0 | 24.5 | 21.5 | 25.5 | 23.0 | 22.0 | 19.0 | 25 |
| 26 | 23.0 | 22.5 | 21.0 | 24.0 | 22.5 | 23.5 | 26.0 | 19.5 | 26.0 | 24.0 | 22.0 | 23.0 | 26 |
| 27 | 21.0 | 28.2 | 22.5 | 25.5 | 22.5 | 24.0 | 23.0 | 26.0 | 26.0 | 22.0 | 22.5 | 22.0 | 27 |
| 28 | 23.0 | 25.5 | 27.5 | 26.0 | 22.5 | 22.5 | 24.5 | 22.0 | 24.0 | 23.0 | 18.0 | 21.0 | 28 |
| 29 | 25.0 | | 27.0 | 28.5 | 20.0 | 22.5 | 21.0 | 24.0 | 23.0 | 22.0 | 21.5 | 20.5 | 29 |
| 30 | 25.5 | | 26.0 | 22.5 | 22.0 | 25.0 | 23.0 | 23.5 | 22.5 | 25.0 | 23.0 | 23.5 | 30 |
| 31 | 25.5 | | 22.0 | | 23.0 | | 21.5 | 21.5 | | 24.0 | | 21.5 | 31 |
| Average | 23.6 | 24.1 | 23.0 | 22.9 | 22.7 | 22.5 | 23.2 | 23.5 | 23.5 | 22.0 | 21.2 | 20.9 | |

Annual Total ( )

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Temperature (At 13 O'clock) — STATION Popayan
RIVER, IN THE BASIN OF _____ ELEVATION 1,730m UNIT °C YEAR 1967

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.0 | 23.2 | 21.0 | 20.0 | 22.0 | 21.5 | 24.5 | 25.0 | | 22.2 | 17.5 | 26.0 | 1 |
| 2 | 22.0 | 22.5 | 23.0 | 21.0 | 19.0 | 20.0 | 27.0 | 24.0 | | | 22.5 | 24.0 | 2 |
| 3 | 21.0 | 22.5 | 22.5 | 23.0 | 23.0 | 22.0 | 23.5 | 24.0 | | 26.2 | 23.0 | 23.0 | 3 |
| 4 | 21.0 | 20.0 | 22.0 | 23.5 | 24.5 | 17.5 | 24.0 | 23.0 | | 24.0 | 23.0 | 26.0 | 4 |
| 5 | 22.5 | 21.0 | 24.0 | 23.0 | 24.0 | 19.0 | 22.0 | 22.5 | | 24.0 | 23.0 | 25.5 | 5 |
| 6 | 23.0 | 18.0 | 24.0 | 24.0 | 21.0 | 23.5 | 22.0 | 28.0 | | 25.0 | 25.0 | 23.0 | 6 |
| 7 | 21.0 | 17.2 | 22.0 | 26.5 | 17.5 | 16.0 | 25.0 | 24.0 | | 25.7 | 24.0 | 25.0 | 7 |
| 8 | 24.5 | 22.0 | 21.5 | 24.5 | 23.0 | 21.5 | 26.0 | 23.5 | | 22.0 | 20.0 | 25.2 | 8 |
| 9 | 21.5 | 17.8 | 20.0 | 22.5 | 25.0 | 24.0 | 22.0 | 25.5 | | 18.5 | 24.0 | 24.0 | 9 |
| 10 | 21.0 | 22.5 | 23.0 | 23.5 | 21.0 | 21.5 | 20.5 | 23.0 | | 23.5 | 20.5 | 22.5 | 10 |
| 11 | 20.5 | 20.6 | 22.0 | 25.0 | 22.5 | 21.0 | 19.5 | 24.0 | | 24.0 | 23.5 | 24.0 | 11 |
| 12 | 19.0 | 22.5 | 23.0 | 25.0 | 22.5 | 23.5 | 23.0 | 26.5 | | ·17.5 | 23.5 | 21.5 | 12 |
| 13 | 20.5 | 23.4 | 24.5 | 21.5 | 22.0 | 22.0 | 22.5 | 25.0 | | 22.0 | 23.0 | 23.0 | 13 |
| 14 | 22.5 | 21.0 | 22.5 | 16.5 | 20.0 | 23.0 | 20.0 | 26.2 | | 24.0 | 23.0 | 23.0 | 14 |
| 15 | 21.5 | 21.5 | 19.0 | 23.5 | 24.0 | 21.0 | 18.5 | 25.0 | | 24.3 | 22.0 | 20.5 | 15 |
| 16 | 20.5 | 21.5 | 21.0 | 24.0 | 22.0 | 20.0 | 22.5 | 25.7 | | 25.0 | 21.5 | 23.0 | 16 |
| 17 | 23.4 | 20.5 | 17.6 | 24.5 | 22.5 | 20.5 | 25.0 | 22.0 | | 25.5 | 24.0 | 23.5 | 17 |
| 18 | 23.0 | 23.0 | 22.5 | 23.0 | 18.2 | 21.0 | 22.5 | 24.5 | 24.4 | 24.0 | 19.5 | 20.5 | 18 |
| 19 | 22.5 | 22.0 | 23.5 | 23.0 | 24.0 | 22.0 | 21.5 | 23.5 | 25.5 | 23.0 | 20.0 | 23.0 | 19 |
| 20 | 19.5 | 21.0 | 23.5 | 22.5 | 23.0 | 24.0 | 23.0 | 22.5 | 24.4 | 24.0 | 21.5 | 23.2 | 20 |
| 21 | 22.5 | 21.0 | 23.5 | 25.0 | 24.5 | 23.0 | 21.0 | 22.5 | 25.0 | 22.7 | 18.5 | 22.0 | 21 |
| 22 | 21.5 | 20.0 | 23.5 | 24.0 | 23.0 | 25.0 | 21.0 | 21.5 | 23.4 | 23.0 | 22.5 | 23.0 | 22 |
| 23 | 21.0 | 18.0 | 22.0 | 22.0 | 23.0 | 22.5 | 20.0 | 23.0 | 25.5 | 23.0 | 23.0 | 23.0 | 23 |
| 24 | 19.5 | 23.0 | | 24.0 | 25.0 | 24.0 | 20.0 | 24.0 | 26.5 | 21.5 | 22.7 | 23.0 | 24 |
| 25 | 22.0 | 22.0 | 22.5 | 22.0 | 21.5 | 19.0 | 23.5 | | 26.7 | 22.5 | 20.0 | 22.0 | 25 |
| 26 | 20.5 | 19.0 | 24.0 | 22.0 | 24.5 | 21.5 | 24.5 | | 26.5 | 24.5 | | 20.0 | 26 |
| 27 | 21.0 | 21.0 | 19.5 | 20.5 | 23.0 | 22.5 | 24.0 | | | 22.0 | 24.0 | 23.5 | 27 |
| 28 | 20.5 | 20.0 | 20.5 | 21.5 | 22.0 | 23.0 | 25.0 | | | 20.5 | 21.5 | 19.5 | 28 |
| 29 | 20.0 | | 18.5 | 22.0 | 22.5 | 23.0 | 23.5 | | | 20.5 | 21.0 | 22.0 | 29 |
| 30 | 21.5 | | 22.0 | 23.5 | 20.5 | 23.0 | 24.0 | | | 21.0 | 20.5 | 23.5 | 30 |
| 31 | 22.0 | | 22.5 | | 18.0 | | 22.5 | | | 17.5 | | 23.0 | 31 |
| Average | 21.4 | 21.0 | 22.0 | 22.9 | 22.3 | 21.7 | 22.7 | 24.0 | | 23.0 | 22.0 | 23.0 | |

Annual Total ( )

Temperature (At 13 O'clock) STATION Popayan

RIVER, IN THE BASIN OF _____ ELEVATION 1,730 m UNIT °C YEAR 1968

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|
| 1 | 22.0 | 22.0 | 22.5 | 23.0 | 26.0 | 21.5 | 22.5 | 23.0 | 17.0 | 24.5 | 25.4 | 20.0 | 1 |
| 2 | 23.0 | 19.5 | 21.0 | 24.0 | 25.5 | 20.0 | 22.0 | 23.5 | 18.0 | 24.0 | 24.5 | 21.0 | 2 |
| 3 | 24.0 | 19.0 | 21.0 | 23.5 | 25.0 | 23.5 | 23.0 | 22.0 | 17.0 | 23.0 | 25.4 | 21.0 | 3 |
| 4 | 21.5 | 18.5 | 21.5 | 23.5 | 26.0 | 23.5 | 20.0 | 22.5 | 17.0 | 22.0 | 23.0 | 23.0 | 4 |
| 5 | 22.5 | 20.0 | 24.5 | 23.0 | 24.0 | 21.0 | 23.5 | 22.0 | 20.0 | 21.0 | 24.0 | 23.5 | 5 |
| 6 | 21.0 | 24.5 | 23.0 | 22.5 | 24.0 | 18.0 | 21.0 | 21.0 | 18.0 | 23.0 | 25.0 | 23.0 | 6 |
| 7 | 22.0 | 22.5 | 21.5 | 23.0 | 20.0 | 24.0 | 22.5 | 24.0 | 18.0 | 22.0 | 24.0 | 24.0 | 7 |
| 8 | 23.0 | 23.0 | 21.5 | 21.5 | 22.5 | 22.5 | 26.0 | 24.5 | 17.0 | 21.0 | 25.4 | 22.5 | 8 |
| 9 | 21.5 | 23.0 | 18.5 | 21.0 | 21.5 | 24.5 | 25.0 | 26.0 | 18.0 | 24.0 | 20.0 | 24.5 | 9 |
| 10 | 24.5 | 21.5 | 20.0 | 22.0 | 22.0 | 22.5 | 22.0 | 26.5 | 17.0 | 24.0 | 21.5 | 22.0 | 10 |
| 11 | 24.5 | 22.0 | 21.5 | 20.0 | 23.0 | 24.5 | 23.0 | 25.0 | 19.0 | 24.0 | 24.0 | 24.0 | 11 |
| 12 | 23.0 | 23.5 | 23.5 | | 25.5 | 18.5 | 23.0 | 24.5 | 19.0 | 23.0 | 20.0 | 22.0 | 12 |
| 13 | 22.5 | 23.0 | 22.5 | 21.5 | 26.0 | 23.5 | 23.5 | 26.0 | 18.0 | 19.5 | 22.0 | 25.0 | 13 |
| 14 | 22.0 | 24.0 | 22.0 | 20.0 | 24.0 | 23.0 | 22.0 | 26.0 | 19.0 | 25.0 | 20.5 | 23.0 | 14 |
| 15 | 23.0 | 24.0 | 18.0 | 22.0 | 24.5 | 22.5 | 20.6 | 28.0 | 18.0 | 23.0 | 23.0 | 24.5 | 15 |
| 16 | 24.0 | 23.0 | 22.0 | 22.0 | 23.5 | 23.0 | 21.0 | 26.5 | 17.0 | 20.3 | 21.0 | 24.0 | 16 |
| 17 | 22.5 | 22.5 | 21.0 | 24.0 | 17.0 | 22.5 | 21.0 | 25.0 | 18.0 | 24.5 | 24.2 | 24.5 | 17 |
| 18 | 22.5 | 22.0 | 21.0 | 21.0 | 24.0 | 22.0 | 22.0 | 24.0 | 18.0 | 24.0 | 24.0 | 24.0 | 18 |
| 19 | 25.5 | 24.0 | 23.2 | 22.0 | 23.0 | 23.0 | 22.0 | 25.0 | 19.0 | 23.0 | 26.4 | 24.0 | 19 |
| 20 | 24.0 | 22.0 | 21.0 | 23.0 | 23.5 | 23.0 | 22.0 | 26.5 | 15.5 | 23.5 | 23.0 | 20.5 | 20 |
| 21 | 22.5 | 22.0 | 22.0 | 23.0 | 23.5 | 19.5 | 23.0 | 25.5 | 17.0 | 24.0 | 26.0 | 25.0 | 21 |
| 22 | 23.0 | 22.5 | 25.5 | 23.0 | 22.0 | 21.0 | 25.0 | 25.0 | 18.0 | 23.5 | 20.0 | 23.0 | 22 |
| 23 | 21.0 | 22.0 | 21.5 | 22.5 | 24.0 | 22.5 | 23.0 | 26.0 | 18.5 | 24.0 | 25.3 | 23.0 | 23 |
| 24 | 24.0 | 22.5 | 21.0 | 23.5 | 24.5 | 23.0 | 25.0 | 23.0 | 18.0 | 23.5 | 24.0 | 21.0 | 24 |
| 25 | 19.0 | 23.0 | 23.0 | 21.0 | 25.0 | 23.0 | 23.0 | 24.0 | 24.0 | 23.0 | 26.0 | 23.5 | 25 |
| 26 | 23.0 | 23.2 | 21.5 | 24.5 | 21.5 | 22.5 | 25.0 | 24.0 | 17.0 | 19.2 | 24.0 | 23.0 | 26 |
| 27 | 22.5 | 20.0 | 22.5 | 24.0 | 23.5 | 24.5 | 23.0 | 17.5 | 16.0 | 21.5 | 24.0 | 24.0 | 27 |
| 28 | 24.0 | 23.5 | 24.0 | 23.0 | 25.5 | 24.0 | 23.0 | 22.0 | 17.0 | 25.4 | 20.0 | 20.0 | 28 |
| 29 | 23.0 | 20.0 | 22.5 | 24.0 | 25.0 | 22.5 | 23.0 | 24.0 | 14.0 | 22.0 | 23.0 | 24.0 | 29 |
| 30 | 21.5 | | 22.5 | 22.5 | 17.5 | 23.0 | 26.0 | 20.5 | 17.0 | 24.2 | 17.0 | 24.0 | 30 |
| 31 | 20.5 | | 26.0 | | 19.0 | | 23.0 | 24.0 | | 23.0 | | 23.5 | 31 |
| Average | 22.7 | 22.1 | 22.0 | 22.5 | 23.3 | 22.4 | 22.9 | 24.1 | 17.8 | 23.0 | 23.2 | 23.0 | |

Annual Total ( )

Temperature (At 13 O'clock) STATION Popayan

RIVER, IN THE BASIN OF _____ ELEVATION 1,730m UNIT °C YEAR 1969

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|
| 1 | 19.0 | 23.5 | 24.4 | 21.0 | 24.0 | 24.2 | 23.0 | 24.0 | 25.0 | 18.0 | 23.0 | 23.5 | 1 |
| 2 | 24.0 | 26.0 | 20.0 | 24.2 | 22.2 | 24.5 | 26.0 | 25.0 | 28.0 | 23.0 | 26.0 | 22.5 | 2 |
| 3 | 24.0 | 26.0 | 22.1 | 23.5 | 25.0 | 17.0 | 24.0 | 28.0 | 26.5 | 20.0 | 25.0 | 23.0 | 3 |
| 4 | 25.5 | 22.0 | 22.0 | 24.1 | 22.0 | 23.0 | 22.0 | 25.1 | 28.0 | 17.5 | 23.0 | 21.5 | 4 |
| 5 | 23.0 | 23.0 | 23.0 | 24.0 | 26.0 | 21.5 | 24.0 | 26.0 | 25.2 | 22.0 | 22.5 | 22.5 | 5 |
| 6 | 21.5 | 24.5 | 26.0 | 21.3 | 26.5 | 26.0 | 24.5 | 26.2 | 27.0 | 23.0 | 23.5 | 23.0 | 6 |
| 7 | 24.0 | 25.0 | 25.0 | 21.0 | 24.5 | 22.0 | 24.5 | 23.0 | 25.5 | 21.0 | 23.0 | 23.5 | 7 |
| 8 | 25.5 | 21.0 | 25.0 | 24.0 | 25.0 | 23.5 | 24.0 | 22.5 | 25.0 | 23.0 | 22.0 | 23.0 | 8 |
| 9 | 25.0 | 23.5 | 24.2 | 21.0 | 22.0 | 23.5 | 25.0 | 24.0 | 27.0 | 22.0 | 24.0 | 22.0 | 9 |
| 10 | 25.5 | 22.0 | 26.0 | 24.1 | 23.5 | 24.0 | 22.0 | 22.0 | 26.0 | 26.0 | 22.5 | 24.0 | 10 |
| 11 | 21.5 | 24.5 | 24.1 | 25.0 | 26.0 | 22.0 | 25.0 | 24.0 | 26.0 | 23.5 | 22.0 | 23.5 | 11 |
| 12 | 20.0 | 22.0 | 24.0 | 25.0 | 24.2 | 24.0 | 25.0 | 22.0 | 27.0 | 25.5 | 23.5 | 22.0 | 12 |
| 13 | 23.0 | 24.5 | 25.4 | 22.0 | 20.0 | 24.5 | 25.2 | 26.0 | 26.0 | 25.0 | 24.0 | 22.5 | 13 |
| 14 | 20.0 | 23.0 | 23.0 | 24.1 | 23.0 | 25.0 | 25.0 | 22.0 | 28.0 | 25.0 | 24.0 | 23.0 | 14 |
| 15 | 18.0 | 22.0 | 25.5 | 18.0 | 25.0 | 24.0 | 22.0 | 20.0 | 26.0 | 22.0 | 22.5 | 23.5 | 15 |
| 16 | 24.0 | 21.0 | 26.0 | 22.5 | 23.0 | 25.0 | 22.5 | 22.5 | 25.0 | 20.5 | 22.0 | 23.0 | 16 |
| 17 | 23.0 | 20.0 | 25.2 | 22.0 | 21.0 | 25.5 | 26.2 | 24.0 | 24.0 | 19.0 | 24.0 | 21.0 | 17 |
| 18 | 22.0 | 22.5 | 25.0 | 20.4 | 24.0 | 23.0 | 27.0 | 21.5 | 25.0 | 24.0 | 21.5 | 22.0 | 18 |
| 19 | 19.0 | 23.1 | 24.8 | 25.0 | 26.0 | 18.0 | 26.0 | 24.0 | 19.0 | 22.0 | 23.0 | 23.0 | 19 |
| 20 | 23.0 | 22.0 | 23.5 | 24.1 | 23.0 | 25.0 | 27.5 | 28.0 | 22.0 | 25.0 | 24.0 | 22.5 | 20 |
| 21 | 21.0 | 22.2 | 21.1 | 25.0 | 25.0 | 25.0 | 27.0 | 24.0 | 22.0 | 23.0 | 21.0 | 22.5 | 21 |
| 22 | 20.5 | 24.5 | 25.0 | 18.2 | 22.8 | 26.0 | 24.0 | 24.0 | 21.0 | 22.5 | 24.0 | 17.0 | 22 |
| 23 | 22.5 | 22.4 | 23.2 | 24.0 | 25.0 | 24.0 | 21.0 | 22.0 | 24.0 | 24.0 | 25.0 | 25.0 | 23 |
| 24 | 22.0 | 23.0 | 24.0 | 22.0 | 27.0 | 26.0 | 23.0 | 24.0 | 21.0 | 23.0 | 21.0 | 21.0 | 24 |
| 25 | 22.0 | 23.1 | 23.4 | 21.0 | 29.0 | 24.0 | 26.5 | 23.5 | 24.0 | 24.0 | 18.0 | - | 25 |
| 26 | 23.5 | 23.5 | 24.0 | 25.1 | 22.0 | 22.0 | 23.0 | 24.0 | 21.5 | 25.0 | 23.0 | 25.0 | 26 |
| 27 | 23.0 | 24.2 | 22.0 | 26.0 | 25.0 | 22.0 | 25.5 | 23.0 | 19.0 | 20.0 | 23.5 | 24.0 | 27 |
| 28 | 23.0 | 25.5 | 24.0 | 24.1 | 23.0 | 23.0 | 26.0 | 25.5 | 24.0 | 25.0 | 23.0 | 25.0 | 28 |
| 29 | 24.0 | | 25.2 | 24.0 | 25.0 | 24.0 | 25.0 | 23.0 | 22.0 | 23.0 | 20.0 | 24.0 | 29 |
| 30 | 24.5 | | 24.0 | 24.4 | 23.0 | 24.5 | 23.0 | 25.0 | 25.0 | 18.0 | 23.0 | 26.0 | 30 |
| 31 | 24.0 | | 24.1 | | 23.0 | | 24.0 | 25.0 | | 25.0 | | 26.0 | 31 |
| Average | 22.6 | 23.2 | 24.0 | 23.0 | 24.0 | 23.5 | 24.7 | 24.0 | 24.5 | 22.6 | 22.9 | 23.0 | |

Annual Total ( )

Temperature (At 13 O'ckock) ___ STATION __Popayan__

_____RIVER, IN THE BASIN OF _____  ELEVATION ___1,730m__ UNIT __°C__ YEAR __1970__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |  | 23.0 | 23.0 | 26.0 | 20.0 | 26.0 | 23.0 | 23.0 | 23.0 | 23.0 | 25.0 | 23.0 | 1 |
| 2 | 22.0 | 22.0 | 19.0 | 26.0 | 23.0 | 26.0 | 23.5 | 22.0 | 21.1 | 23.2 | 24.5 | 22.0 | 2 |
| 3 | 22.0 | 23.0 | 24.0 | 24.0 | 21.0 | 22.2 | 26.0 | 22.2 | 20.0 | 25.0 | 23.0 | 22.0 | 3 |
| 4 | 25.0 | 20.0 | 22.0 | 26.3 | 22.0 | 24.2 | 24.0 | 24.0 | 20.0 | 23.0 | 20.0 | 21.0 | 4 |
| 5 | 26.0 | 23.0 | 25.5 | 25.0 | 23.0 | 21.1 | 24.6 | 22.9 | 25.5 | 23 0 | 21.2 | 22.0 | 5 |
| 6 | 25.0 | 23.0 | 24.0 | 26.8 | 19.0 | 20.0 | 22.6 | 22.0 | 21.1 | 23.0 | 21.0 | 22.0 | 6 |
| 7 | 21.5 | 20.0 | 24.0 | 24.0 | 24.2 | 20.0 | 20.5 | 22.0 | 24.0 | 24.0 | 23.5 | 22.0 | 7 |
| 8 | 25.0 | 24.0 | 21.0 | 21.0 | 22.0 | 24.0 | 22.0 | 24.0 | 20.0 | 22.0 | 23.0 | 24.0 | 8 |
| 9 | 27.0 | 24.0 | 22.0 | 24.2 | 26.0 | 21.0 | 24.0 | 22.0 | 25.0 | 20.5 | 22.0 | 22.0 | 9 |
| 10 | 23.0 | 24.0 | 23.5 | 23.0 | 23 0 | 20.0 | 23.0 | 24.0 | 23 0 | 19.0 | 23.0 | 24 0 | 10 |
| 11 | 21.0 | 26.0 | 21.0 | 23.0 | 23.0 | 25.0 | 23.0 | 21.0 | 25 0 | 23.2 | 22.0 | 24.0 | 11 |
| 12 | 18.0 | 24.0 | 22.0 | 18.0 | 23.0 | 21.5 | 23.5 | 24 0 | 23.1 | 21.0 | 22.0 | 23.0 | 12 |
| 13 | 24.0 | 25.0 | 22.0 | 26.5 | 23.0 | 22.0 | 23.2 | 23.0 | 23.0 | 21.0 | 21.6 | 22.1 | 13 |
| 14 | 19.0 | 26.0 | 21.0 | 20.0 | 24.0 | 21.0 | 22.5 | 24.0 | 23.0 | 23.0 | 22.0 | 22.0 | 14 |
| 15 | 21.0 | 25.0 | 24.0 | 24.2 | 22.0 | 23.0 | 24 0 | 20.3 | 22.5 | 23.0 | 21.4 | 23 0 | 15 |
| 16 | 22.5 | 25.0 | 23.8 | 23.0 | 20.0 | 20.0 | 23.4 | 25.0 | 18.5 | 23.0 | 23.0 | 23.0 | 16 |
| 17 | 20.5 | 20.5 | 25.5 | 24.2 | 21.0 | 25.0 | 25.0 | 22.4 | 21.0 | 26.0 | 24.0 | 24.0 | 17 |
| 18 | 22.5 | 21.5 | 25.0 | 23.2 | 25.0 | 25.2 | 23.0 | 24.0 | 22.0 | 23.0 | 23.0 | 25.0 | 18 |
| 19 | 20.0 | 24.0 | 25.0 | 25.0 | 19.0 | 26.0 | 21.0 | 22.0 | 25.0 | 27.0 | 22.0 | 22.1 | 19 |
| 20 | 21.5 | 20.5 | 22.5 | 24.0 | 21.0 | 22.0 | 22.5 | 24.0 | 23.0 | 23.0 | 24 0 | 18 0 | 20 |
| 21 | 22.0 | 22.0 | 28.0 | 24.0 | 24.0 | 24.0 | 24.5 | 24.0 | 21.0 | 21.5 | 22.4 | 22.8 | 21 |
| 22 | 24.0 | 24.5 | 26.0 | 21.0 | 23.0 | 22.0 | 24.5 | 27 0 | 20.1 | 23.0 | 22.0 | 19.0 | 22 |
| 23 | 24.0 | 24.0 | 23.0 | 25.0 | 22.0 | 23.0 | 22.3 | 21.0 | 17.0 | 20.0 | 22.0 | 21.5 | 23 |
| 24 | 23.0 | 19.5 | 22.0 | 26.0 | 25.0 | 20.0 | 23.2 | 23.0 | 22.0 | 25.0 | 25.0 | 22.0 | 24 |
| 25 | 23.0 | 20.0 | 23.0 | 22.0 | 22.2 | 23.0 | 22.0 | 22.2 | 23.0 | 19.5 | 22.0 | 22.0 | 25 |
| 26 | 22.0 |  | 23.0 | 23.0 | 22.0 | 23.2 | 22.4 | 23.0 | 20.5 | 23.0 | 22.0 | 20.0 | 26 |
| 27 | 22.0 | 26.0 | 25.0 | 21.3 | 21.0 | 21.0 | 22.1 | 22.7 | 23.0 | 22.0 | 22.0 | 23.0 | 27 |
| 28 | 24.0 | 23.5 | 21.0 | 23.0 | 20.0 | 25.3 | 21.6 | 23.0 | 20.0 | 22.0 | 23.0 | 23.0 | 28 |
| 29 | 25.0 |  | 25.0 | 20.0 | 23.2 | 25.0 | 21.5 | 21.0 | 20.0 | 24.0 | 19.0 | 23 0 | 29 |
| 30 | 25.0 |  | 26.0 | 26.0 | 24.0 | 22.9 | 20.4 | 18.0 | 23.1 | 26 0 | 20.0 | 23.0 | 30 |
| 31 | 21.5 |  | 24.0 |  | 24.0 |  | 23 0 | 23 0 |  | 24.0 |  | 23.0 | 31 |
| Average | 22.7 | 23.1 | 23.5 | 23.6 | 22.4 | 23.1 | 23.0 | 22.7 | 22.0 | 22.9 | 22.4 | 22.3 |  |

Annual Total ( )

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Temperature (At 13. o'clock) ___ STATION __Popayan (MACHANGARA)__

__CAUCA__ RIVER, IN THE BASIN OF __CAUCA__  ELEVATION __1,730__ UNIT __°C__ YEAR __1971__

| DATE | Jan | Feb | Mar. | Apr | May | Jun | Jul. | Aug | Sep. | Oct. | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24.0 | 22 0 | 23.2 | 20.0 | 19.0 | 21 0 | 21.5 | 24.0 | 23.0 | 22 0 | 22.0 | 21.0 | 1 |
| 2 | 21 4 | 22 0 | 23.0 | 22.0 | 21.0 | 24.0 | 22.0 | 19.0 | 24.0 | 21.0 | 20 0 | 21.2 | 2 |
| 3 | 24.0 | 22.4 | 21.0 | 18.0 | 23.0 | 24.0 | 21.0 | 23.0 | 22.0 | 23.0 | 21.0 | 23.0 | 3 |
| 4 | 20 0 | 22.0 | 22.5 | 24.0 | 22.0 | 25.0 | 20.0 | 21.0 | 21.0 | 20.0 | 22.0 | 21.0 | 4 |
| 5 | 20.0 | 20.0 | 25.0 | 23.0 | 23.0 | 21.0 | 25.0 | 22.0 | 22.4 | 20.0 | 21.0 | 21.0 | 5 |
| 6 | 22.0 | 23.0 | 26.0 | 23.0 | 20.0 | 23.0 | 24.0 | 22.5 |  | 23.0 | 22 0 | 23.0 | 6 |
| 7 | 20.0 | 23 0 | 22.5 | 24.0 | 24.0 | 22.0 | 20.5 | 22.0 |  | 22.0 | 22.0 | 24.0 | 7 |
| 8 | 24 0 | 24.0 | 22.0 | 24.0 | 21.0 | 26.0 | 26.0 | 21.2 |  | 24.0 | 23.5 | 26.0 | 8 |
| 9 | 21.0 | 18.0 | 22.0 | 22.0 | 23.0 | 22.0 | 26.5 | 24.0 |  | 24.0 | 19.0 | 23.0 | 9 |
| 10 | 22.0 | 20.0 | 25.0 | 22.4 | 20.0 | 21.0 | 21.0 | 22.0 |  | 20.0 | 21.0 | 23.0 | 10 |
| 11 | 23.0 | 17.5 | 22.0 | 23.0 | 19.0 | 24.0 | 2J.0 | 22.0 |  | 23.0 | 21.0 | 24 0 | 11 |
| 12 | 22.3 | 21.0 | 22.0 | 24.0 | 22.0 | 20.0 | 25.0 | 22.0 |  | 21.0 | 23.0 | 24.0 | 12 |
| 13 | 20.0 | 21.0 | 24.0 | 22.0 | 24.0 | 19.5 | 20 5 | 23.0 |  | 23.0 | 23.0 | 24.0 | 13 |
| 14 | 21.2 | 19.0 | 22.0 | 16.5 | 21.0 | 23.0 | 22.0 | 21 0 |  | 24.0 | 20.0 | 25.0 | 14 |
| 15 | 22.5 | 19.2 | 21.0 | 21.5 | 22.0 | 23.0 | 23.0 | 21.0 | 22.0 | 24.0 | 23.0 | 24 0 | 15 |
| 16 | 23.0 | 20.4 | 21.0 | 25.0 | 19.0 | 22.0 | 23.0 | 22.0 | 20.0 | 22.0 | 22.1 | 24.0 | 16 |
| 17 | 22.0 | 22.0 | 22.0 | 23.5 | 20.0 | 22.0 | 24.0 | 20.0 | 20 2 | 18.0 | 20.0 | 25 0 | 17 |
| 18 | 20 3 | 19.0 | 17.0 | 22.5 | 24.0 | 21.0 | 24.0 | 23.0 | 22.0 | 19.0 | 21.0 | 21.2 | 18 |
| 19 | 20.0 | 22.0 | 20.0 | 20.4 | 23.0 | 21.5 | 24.0 | 22.0 | 23.0 | 21.5 | 19.0 | 24.0 | 19 |
| 20 | 21.0 | 21.0 | 18.0 | 18.0 | 21.5 | 22.0 | 28.0 | 21.0 | 22.0 | 24.0 | 19.0 | 22.0 | 20 |
| 21 | 22.0 | 21.0 | 21.5 | 20.0 | 23.0 | 18.5 | 25.0 | 22.0 | 20.0 | 19.0 | 21.0 | 20.0 | 21 |
| 22 | 23.1 | 20.0 | 22.0 | 21.5 | 20.0 | 22.0 | 26.0 | 21.5 | 24.0 | 22.0 | 17.0 | 19.5 | 22 |
| 23 | 23.0 | 21.5 | 22.5 | 20.0 | 22.0 | 24.0 | 24.0 | 25.0 | 22.0 | 24.0 | 22.0 | 22.0 | 23 |
| 24 | 24.0 | 22.0 | 21.0 | 24.0 | 25.0 | 22.0 | 23.0 | 22.0 | 22.0 | 24.0 | 22.0 | 22.0 | 24 |
| 25 | 22.0 | 23.0 | 20.0 | 25.0 | 18.0 | 24.0 | 23.4 | 24.0 | 22 0 | 20.2 | 23.0 | 18.0 | 25 |
| 26 | 22.0 | 25.0 | 23.0 | 26.0 | 19.5 | 22.0 | 24.0 | 20.0 | 24.0 | 23.0 | 21.0 | 22.0 | 26 |
| 27 | 22.0 | 22.0 | 23.0 | 26.0 | 24.0 | 22.0 | 20.0 | 22.0 | 24.2 | 21.0 | 23.0 | 20.0 | 27 |
| 28 | 23.0 | 25.0 | 21.0 | 24.0 | 19.0 | 21.0 | 22.0 | 23.0 | 24.0 | 23.0 | 21 0 | 21.0 | 28 |
| 29 | 22.0 |  | 22.1 | 25.0 | 23.0 | 24.0 | 23.0 | 23.0 | 22.2 | 20 0 | 22.0 | 20.0 | 29 |
| 30 | 23.0 |  | 23.0 | 23.0 | 21.0 | 24.0 | 23.0 | 23.5 | 18.0 | 22.0 | 21 0 | 23.0 | 30 |
| 31 | 23.0 |  | 20.0 |  | 24.0 |  | 22.0 | 26.0 |  | 20.0 |  | 25.0 | 31 |
| Average | 22.0 | 21.4 | 21.9 | 22.4 | 21.6 | 22.4 | 23.2 | 22.2 | 22.2 | 21 8 | 21.3 | 22 4 |  |

Annual Total ( )

CAUCA RIVER, IN THE BASIN OF CAUCA ELEVATION 1,730 UNIT °C YEAR 1972

| DATE | Jan | Feb. | Mar | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 20 0 | 24.0 | 25.0 | 25.0 | | 21.0 | 27.0 | 21.5 | 22.8 | 22.5 | 23.4 | 1 |
| 2 | 25.0 | 20.0 | 24.0 | 26.0 | 19.0 | | 23.0 | 24.0 | 25.0 | 27.0 | 22.1 | 24.0 | 2 |
| 3 | 22.0 | 24.0 | 24.0 | 25.0 | 26.0 | | 27.0 | 26.0 | 26.0 | 21.0 | 23.0 | 22.0 | 3 |
| 4 | 22.0 | 20.0 | 24.0 | 23.0 | 27.0 | | 25.0 | 24.0 | 24.8 | 23.5 | 21.7 | 23.0 | 4 |
| 5 | 22.0 | 25.0 | 23.0 | 26.0 | 26.0 | | 27.0 | 25.0 | 24.5 | 26.0 | 27.4 | 24.3 | 5 |
| 6 | 23.0 | 23.5 | 24.0 | 23.0 | 24.0 | | 25.0 | 25.0* | 22.0 | 22.2 | 26.0 | 23.0 | 6 |
| 7 | 23.0 | 23.0 | 24.0 | 28.0 | 26.0 | | 24.0 | 27.0 | 24.0 | 24.1 | 20.2 | 25.2 | 7 |
| 8 | 22.0 | 21.0 | 23.0 | 25.0 | 25.2 | | 25.0 | 25.0 | 23.5 | 24.0 | 22.0 | 21.5 | 8 |
| 9 | 23.0 | 23.0 | 24.0 | 18.0 | 22.0 | | 24.0 | 25.0 | 25.0 | 24.0 | 23.0 | 23.5 | 9 |
| 10 | 24.0 | 20.0 | 24.0 | 22.0 | 23.0 | | 24.0 | 22.0 | 20.5 | 24.0 | 20.0 | 20.0 | 10 |
| 11 | 23.0 | 22.0 | 24.0 | 25.0 | 25.0 | | 24.0 | 25.0 | 24.5 | 21.0 | 22.5 | 23.6 | 11 |
| 12 | 17.0 | 24.0 | 25.0 | 24.0 | 23.0 | | 24.0 | 24.0 | 26.0 | 22.5 | 25.2 | 24.0 | 12 |
| 13 | 21.0 | 25.0 | 24.0 | 18.0 | 23.0 | | 26.0 | 20.0 | 27.0 | 19.8 | 20.0 | 24.2 | 13 |
| 14 | 23.0 | 25.0 | 23.0 | 23.0 | 22.0 | | 25.0 | 22.5 | 28.0 | 22.3 | 20.5 | 22.5 | 14 |
| 15 | 20.0 | 23.0 | 22.0 | 26.0 | 25.0 | | 24.0 | 25.0 | 24.0 | 26.5 | 24.3 | 26.5 | 15 |
| 16 | 21.0 | 21.0 | 25.0 | 23.0 | 23.0 | | 24.0 | 22.4 | 20.5 | 27.2 | 20.0 | 23.0 | 16 |
| 17 | 20.0 | 18.0 | 22.0 | 23.0 | 22.0 | | 24.0 | 25.0 | 24.5 | 25.0 | 24.0 | 24.0 | 17 |
| 18 | 24.0 | 23.0 | 23.0 | 18.5 | 21.4 | | 24.0 | 17.5 | 23.0 | 22.0 | 24.0 | 21.5 | 18 |
| 19 | 24.0 | 23.0 | 19.0 | 24.0 | 24.0 | | 24 0 | 23.0 | 26.5 | 24.0 | 24.0 | 21.0 | 19 |
| 20 | 22.0 | 24.0 | 21.0 | 26.0 | 19.8 | | 23.0 | 19.0 | 20.2 | 27.2 | 20.0 | 24.0 | 20 |
| 21 | 18.5 | 22.0 | 20.0 | 25.0 | 20.0 | | 22.0 | 23.0 | 21.8 | 24.0 | 22.4 | 23.2 | 21 |
| 22 | 22.0 | 23.0 | 18.0 | 18.0 | 22.0 | | 26.0 | 22.0 | 23.5 | 22.5 | 22.0 | 22.0 | 22 |
| 23 | 20.0 | 24.0 | 19.0 | 23.0 | 22.0 | | 25.0 | 25.0 | 23.5 | 19.0 | 23.0 | 26.0 | 23 |
| 24 | 22.0 | 21 0 | 24.0 | 24.0 | 23.0 | | 26.0 | 23.2 | 23.4 | 24.2 | 22.5 | 25.7 | 24 |
| 25 | 24.0 | 22 0 | 20.0 | 22.0 | 23.0 | | 25.0 | 25.0 | 22.0 | 28.5 | 23.0 | | 25 |
| 26 | 22.0 | 23.0 | 18.0 | 26.0 | 22.0 | | 26.0 | 20.2 | | 24.4 | 25.8 | 24.0 | 26 |
| 27 | 22.0 | 24.0 | 19.0 | 22.0 | 22.0 | | 23.0 | 22.8 | | 26 2 | 24.4 | 25.4 | 27 |
| 28 | 21.0 | 21.0 | 19.0 | 23.0 | 22 0 | | 28.0 | 22.5 | 26.0 | 22.8 | 22.0 | 23.0 | 28 |
| 29 | 22 0 | 22.0 | 22.0 | 23.0 | 23.0 | | 25.0 | 25.0 | 22 4 | 24.5 | 25.4 | 24 8 | 29 |
| 30 | 23.0 | | 22.0 | 21.0 | 24 0 | | 27 0 | 24.0 | 26 2 | 25.0 | 25.0 | 24.2 | 30 |
| 31 | 21.0 | | 21.0 | | 24.0 | | 25.0 | 19.5 | | 22.5 | | 22.0 | 31 |
| Average | 22.0 | 22 4 | 22.2 | 23.3 | 23 2 | | 24.5 | 23.4 | 23.9 | 23 9 | 22.8 | 23.5 | |

Annual Total ( )

CAUCA RIVER, IN THE BASIN OF CAUCA ELEVATION 1,730 UNIT °C YEAR 1973

| DATE | Jan | Feb. | Mar. | Apr | May | Jun. | Jul | Aug | Sep. | Oct. | Nov | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 25 0 | 23.0 | 25.0 | 20.6 | 22.1 | 23.0 | 20.3 | 22.1 | 24.5 | 27.4 | 24.0 | 1 |
| 2 | 24.0 | 25.0 | 25.0 | 24.4 | 22.0 | 23.0 | 20.0 | 20.0 | 24.0 | 18.0 | 23.4 | 19.6 | 2 |
| 3 | 24.0 | 27.0 | 24.0 | 24.0 | 21.4 | 23.0 | 24.5 | 23.4 | 24.5 | 21.0 | 23.0 | 23.5 | 3 |
| 4 | 24.0 | 25.0 | 24.0 | 20.0 | 25.5 | 23.4 | 25.3 | 23.1 | 24.0 | 23.4 | 23.0 | 19.5 | 4 |
| 5 | 27.0 | 26.2 | 25 4 | 22.4 | 24.0 | 24.5 | 24.0 | 24.0 | 22.4 | 22.5 | 19.0 | 23.2 | 5 |
| 6 | 24.0 | 20.5 | 25.5 | 25.0 | 21.0 | 21.3 | 25.8 | 22.8 | 22.8 | 22.5 | 23.0 | 21.5 | 6 |
| 7 | 24.5 | 25.0 | 21.0 | 22.5 | 22.8 | 21.4 | 25.3 | 23.0 | 24.5 | 20.5 | 22.0 | 20.0 | 7 |
| 8 | 21.5 | 24.0 | 21.4 | 21.0 | 22.0 | 23.6 | 25.5 | 23.0 | 22.2 | 24.0 | 20.0 | 17.7 | 8 |
| 9 | 26.0 | 22.0 | 24.5 | 19.0 | 24.2 | 25.0 | 25.0 | 23.2 | 24.5 | 25.0 | 19.0 | 22.2 | 9 |
| 10 | 26.0 | 26.0 | 24.5 | 21.6 | 24.0 | 20.0 | 21 2 | 24.0 | 23.6 | 24.5 | 23.5 | 17.5 | 10 |
| 11 | 24.5 | 26.0 | 22.0 | 19.4 | 25.0 | 21.6 | 23.0 | 24.0 | 22.0 | 24.5 | 23.2] | 20.5 | 11 |
| 12 | 25.5 | 25.5 | 23.0 | 18.5 | 24.2 | 22.0 | 24.2 | 22.4 | 22.0 | 21.0 | 22.5 | 24.0 | 12 |
| 13 | 25.5 | 23.4 | 24.5 | 24.5 | 23.6 | 24.5 | 26.0 | 22.0 | 23.0 | 23.0 | 24.5 | 20.0 | 13 |
| 14 | 25.5 | 20.5 | 24.0 | 24.0 | 20.0 | 22.5 | 27.0 | 22.6 | 20.2 | 23.6 | 24.5 | 21.0 | 14 |
| 15 | 24.4 | 20.5 | 23.6 | 23.0 | 24.2 | 19.5 | 26.0 | 22.0 | 22.6 | 22.0 | 23.1 | 20.2 | 15 |
| 16 | 22.2 | 24.5 | 25.4 | 23.0 | 22.0 | 23.5 | 27.0 | 22.4 | 24.0 | 20.0 | 22.4 | 23.0 | 16 |
| 17 | 24.0 | 26 2 | 21.5 | 23.2 | 23.6 | 22.1 | 22.5 | 22.7 | 19.4 | 22.0 | 23.8 | 18.0 | 17 |
| 18 | 26.0 | 27.5 | 24.0 | 21.4 | 21.4 | 20.5 | 24.4 | 22.0 | 20.0 | 24.2 | 22.1 | 22.2 | 18 |
| 19 | 22.0 | 26.5 | 22.0 | 23.0 | 23.2 | 21.0 | 22.0 | 24.0 | 20.0 | 21.0 | 19.8 | 24.5 | 19 |
| 20 | 23.4 | 25 6 | 27.0 | 22.2 | 23.0 | 20.0 | 19.4 | 21.5 | 19.5 | 20.0 | 23.6 | 22.5 | 20 |
| 21 | 23.2 | 25.2 | 28.0 | 23.6 | 25.0 | 19.5 | 21.8 | 23.0 | 21.1 | 24.0 | 24.0 | 22.7 | 21 |
| 22 | 23.6 | 25.3 | 25.6 | 19.0 | 23.0 | 19.8 | 24.0 | 23.0 | 23.0 | 21.2 | 23.0 | 20.5 | 22 |
| 23 | 23.6 | 27.6 | 26.0 | 24.0 | 23.1 | 19.5 | 23.3 | 23.6 | 24.5 | 23.3 | 24.5 | 21.6 | 23 |
| 24 | 22.9 | 26.2 | 22.2 | 24.0 | 21.6 | 21.0 | 22.5 | 23.0 | 21.3 | | 22.0 | 22.0 | 24 |
| 25 | 22.0 | 26.5 | 24.2 | 24.4 | 24.3 | 20.2 | 22.4 | 22.7 | 23.0 | 20.5 | 20.0 | | 25 |
| 26 | 24.5 | 25.6 | 26.0 | 21.5 | 21.8 | 22.4 | 22.0 | 23.2 | 21.4 | 22.5 | 22.4 | | 26 |
| 27 | 21.5 | 26.0 | 22.0 | 25.2 | 23.6 | 21.1 | 20.5 | 19.1 | 21.5 | 24.0 | 23.0 | 22.6 | 27 |
| 28 | 21.2 | 23.5 | 23.0 | 20.5 | 22.0 | 22.5 | 19.2 | 22.0 | 20.4 | 24.0 | 18.5 | 20.5 | 28 |
| 29 | 22.2 | | 20.2 | 25.8 | 20.0 | 23.5 | 20.5 | 21.4 | 25.0 | 24.0 | 20.0 | 19.4 | 29 |
| 30 | 22.0 | | 24.6 | 23.1 | 18.4 | 21.5 | 22.0 | 21.3 | 25.3 | 23.2 | 24.0 | 22.0 | 30 |
| 31 | 25.4 | | 20.0 | | 24.0 | | 20.2 | 20.6 | | 23.6 | | 20.7 | 31 |
| Average | 23.9 | 24.9 | 23.8 | 22.6 | 22.7 | 21.9 | 23.4 | 22.5 | 22.5 | 22.5 | 22.3 | 21.3 | |

Annual Total ( )

CAUCA___ RIVER, IN THE BASIN OF _CAUCA_   ELEVATION ___1,730___ UNIT ___°C___ YEAR __1974__

| DATE | Jan | Feb | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct | Nov. | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 21 5 | 24.0 | 17.0 | 24.2 | 17.0 | 23.2 | 20 3 | 22.4 | 18.0 | 25.0 | 17 2 | 1 |
| 2 | 21.6 | 22 0 | 21.5 | 19.0 | 21.2 | 22.0 | 23.2 | 23.6 | 22 6 | 21.0 | 25.0 | 23.0 | 2 |
| 3 | 22.0 | 21.6 | 25 0 | 21.6 | 18.0 | 23.0 | 23.2 | 25.0 | 22.4 | 18.6 | 23.8 | 23.0 | 3 |
| 4 | 22 7 | 22 6 | 24.2 | 25 5 | 20 5 | 24.2 | 23.2 | 24.0 | 24.0 | 21 0 | 22 0 | 23.8 | 4 |
| 5 | 22.6 | 21.2 | 24.0 | 23.5 | 22.5 | 22.6 | 24.8 | 23.8 | 23.8 | 23.8 | 21.8 | 22.8 | 5 |
| 6 | 21.4 | 22.0 | 24.0 | 21.6 | 24.2 | 24.0 | 23.4 | 21.8 | 24.0 | 19.2 | 23.4 | 22 0 | 6 |
| 7 | 21.4 | 22.5 | 23.6 | 22.4 | 22.0 | 24.5 | 23.0 | 22.1 | 25.0 | 20.0 | 20.0 | 21.3 | 7 |
| 8 | 24.0 | 21.2 | 23.5 | 22.4 | 23.5 | 22.0 | 22.1 | 23.2 | 25.2 | 21.3 | 22.8 | 23.0 | 8 |
| 9 | 23.5 | 20.0 | 21.0 | 22.0 | 24.5 | 24.7 | 24.0 | 21.0 | 22.4 | 22 8 | 20.0 | 23.0 | 9 |
| 10 | 23 6 | 18.5 | 23.5 | 21.4 | 24.0 | 22.0 | 22.0 | 25.0 | 25.0 | 21.4 | 23.0 | 22.4 | 10 |
| 11 | 23.0 | 22.2 | 23.6 | 24.0 | 25.5 | 18.2 | 23.0 | 22.2 | 25.0 | 24.0 | 22.3 | 22.0 | 11 |
| 12 | 23.0 | 22 4 | 22.5 | | 22.0 | 20.0 | 22.0 | 21.7 | 21.6 | 22.3 | 20.8 | 22.4 | 12 |
| 13 | 21.0 | 23.5 | 23.0 | 22.4 | 27.0 | 22.2 | 22.6 | 20.2 | 20.0 | 24.2 | 22.6 | 22.8 | 13 |
| 14 | 20.3 | 20.1 | 23.0 | 23.4 | 22.0 | 25.5 | 21.2 | 25.4 | 21.0 | 21.4 | 21.4 | 22.8 | 14 |
| 15 | 20.0 | 24.0 | 13.2 | 23.0 | 23.2 | 25.6 | 21.4 | 27.5 | 22.6 | 18.8 | 20.4 | 20.2 | 15 |
| 16 | 21.4 | 20.0 | 19.0 | 21.5 | 21.2 | 24.5 | 23.1 | 25.3 | 21.6 | 23.4 | 20.2 | 22.0 | 16 |
| 17 | 23.9 | 20.1 | 24.6 | 24.4 | 22.5 | 21.2 | 23.2 | 27.0 | 22.8 | 20.4 | 20.2 | 22.5 | 17 |
| 18 | 19.7 | 21.2 | 24.6 | 25.0 | 24.6 | 20.5 | 21.2 | 24.4 | 19.8 | 23.2 | 22.2 | 20 8 | 18 |
| 19 | 17.0 | 22.0 | 20.0 | 28.0 | 24.0 | 22.0 | 18.8 | 25.0 | 21.4 | 22.0 | 22 2 | 22.8 | 19 |
| 20 | 25.0 | 22.0 | 24.5 | 26.5 | 23.0 | 22.0 | 21.0 | 26.0 | 21.2 | 25.6 | 23.8 | 20.8 | 20 |
| 21 | 22.4 | 23 2 | 21.0 | 25.5 | 21.4 | 20.0 | 21.2 | 24.0 | 23.6 | 22.4 | 24.0 | 24 2 | 21 |
| 22 | 20.0 | 23.8 | 19.0 | 25.0 | 21.0 | 20.2 | 22.3 | 24.4 | 22.6 | 21 6 | 19 0 | 22.0 | 22 |
| 23 | 21.0 | 23.7 | 23.1 | 24.0 | 19.5 | 21.5 | 25.0 | 25.0 | 22.0 | 21.0 | 20.3 | 24.6 | 23 |
| 24 | 23.4 | 24.2 | 18.0 | 25.4 | 21.0 | 23 0 | 24.0 | 25.9 | 20.4 | 20 2 | 21 0 | 25.4 | 24 |
| 25 | 20.4 | 25 0 | 23.3 | 21.1 | 21.0 | 21.0 | 22.0 | 24.5 | 19.2 | 23.4 | 18 4 | 23.4 | 25 |
| 26 | 20 0 | 25.0 | 23.6 | 23.4 | 24.0 | 21.8 | 23.3 | 22.3 | 20.9 | 22.6 | 22.2 | 24.4 | 26 |
| 27 | 22 0 | 21.6 | 24.2 | 22 5 | 25.5 | 23.6 | 23.8 | 22.3 | 20.4 | 18.2 | 23.0 | 23.2 | 27 |
| 28 | 23.0 | 23.4 | 24.0 | 23.2 | 27.5 | 23.0 | 23.0 | 21.2 | 18.0 | 22.0 | 20.0 | 22.4 | 28 |
| 29 | 23.0 | | 24.8 | 24.0 | 22.5 | 23.0 | 23.0 | 23.0 | 22.8 | 20.0 | 22 2 | 19 0 | 29 |
| 30 | 21.1 | | 23.5 | 21.6 | 24.0 | 22.4 | 25.0 | 19.6 | 22.0 | 23.0 | 20 4 | 17.0 | 30 |
| 31 | 22.0 | | 24.7 | | 24.5 | | 23.4 | 21.0 | | 23.0 | | 20.0 | 31 |
| Average | 21.8 | 22.2 | 23.0 | 23.1 | 23.0 | 22.3 | 22 8 | 23.5 | 22.2 | 21.6 | 21.8 | 22.1 | |

Annual Total (     )

CAUCA___ RIVER, IN THE BASIN OF _CAUCA_   ELEVATION ___1,730___ UNIT ___°C___ YEAR __1975__

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun | Jul | Aug. | Sep. | Oct. | Nov | Dec | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 22.4 | 20 8 | 22.0 | 24.2 | 18.2 | 19.4 | 22.4 | 21.6 | 21 8 | 21.8 | 22.4 | 1 |
| 2 | 20.2 | 22.6 | 18.4 | 20.2 | 19.4 | 23.0 | 20.2 | 23.6 | 21.0 | 24.0 | 19.1 | 21.4 | 2 |
| 3 | 21.0 | 21 6 | 23.0 | 24 8 | 22.3 | 21 0 | 21.3 | 24.0 | 23.0 | 22.4 | 21.5 | 20 8 | 3 |
| 4 | 21.2 | 22.7 | 18.0 | 21.0 | 22.0 | 21.0 | 20.8 | 24.0 | 23.8 | 20.5 | 22.5 | 19.7 | 4 |
| 5 | 22.0 | 23.8 | 23.0 | 24.7 | 20.4 | 19.6 | 20.4 | 22.3 | 23.1 | 21.8 | 20.5 | 18.5 | 5 |
| 6 | 23.0 | 20.4 | 22.8 | 23.2 | 23.0 | 21.2 | 20.4 | 22.0 | 23.0 | 20.8 | 19 8 | 19.1 | 6 |
| 7 | 22.4 | 20.2 | 23.0 | 25.6 | 17.5 | 21.4 | 16.4 | 24.6 | 22.8 | 22.9 | 20.0 | 22 7 | 7 |
| 8 | 21.0 | 20.0 | 23.7 | 22.0 | 22.1 | 22.7 | 20.2 | 24.0 | 21.2 | 20.6 | 18.2 | 20.2 | 8 |
| 9 | 23.0 | 23.0 | 21.2 | 21.4 | 21.4 | 23.2 | 21.0 | 23.0 | 22.6 | 22.4 | 19.1 | 18.4 | 9 |
| 10 | 22.4 | 23.2 | 24.0 | 24.4 | 23.0 | 26.4 | 23.4 | 25.0 | 22.0 | 20.6 | 22.6 | 20.7 | 10 |
| 11 | 23.8 | 19.8 | 24.0 | 23.6 | 24.2 | 24.3 | 22.2 | 23.2 | 22.3 | 20.8 | 21.7 | 19.7 | 11 |
| 12 | 23.2 | 23.2 | 23.2 | 20.4 | 24.0 | 21.4 | 23.8 | 20.0 | 20.4 | 19.4 | 23.3 | 23.2 | 12 |
| 13 | 22.0 | 24.6 | 22.3 | 23.6 | 20.6 | 23.6 | 21.0 | 21.2 | 21.0 | 19.9 | 21.9 | 23.2 | 13 |
| 14 | 20.6 | 23.8 | 20.4 | 23.0 | 21.0 | 24.2 | 19.4 | 24.0 | 23.0 | 19.0 | 21.6 | 23 0 | 14 |
| 15 | 20.4 | 22.8 | 21.4 | 23.6 | 18.6 | 23.0 | 19.8 | 23.6 | 21.8 | 20.4 | 22.3 | 21.2 | 15 |
| 16 | 20.2 | 23.6 | 21.8 | 23.6 | 22.0 | 22.2 | 21.1 | 23.2 | 21.5 | 18.7 | 20.8 | 21.3 | 16 |
| 17 | 23.2 | 21.8 | 20.0 | 23.2 | 20.0 | 22.2 | 22.0 | 22.2 | 23.9 | 22.4 | 20.2 | 21 9 | 17 |
| 18 | 22.0 | 17.6 | 22.0 | 22.0 | 22.0 | 22.6 | 18.7 | 22.0 | 21.5 | 23.8 | 20.8 | 20.7 | 18 |
| 19 | 23.7 | 21.4 | 23.2 | 20.8 | 22.0 | 22.6 | 23.0 | | 22.4 | 23.6 | 20.1 | 19.7 | 19 |
| 20 | 22.0 | 21.6 | 21.0 | 23.8 | 23.0 | 20.4 | 22.4 | | 19.5 | 21.3 | 22.1 | 21.8 | 20 |
| 21 | 22.0 | 18.0 | 25.2 | 23.4 | 24.4 | 22.3 | 24.0 | | 18.4 | 22.1 | 20.5 | 15.7 | 21 |
| 22 | 22.4 | 21.6 | 23.2 | 23.4 | 18.6 | 21.8 | 24.0 | | 21.5 | 22.6 | 20.0 | 21.3 | 22 |
| 23 | 21.0 | 21.0 | 24.0 | 26.0 | 21.8 | 22.4 | 20.2 | 20.4 | 18.2 | 23.7 | 21.8 | 20.0 | 23 |
| 24 | 20.4 | 21.2 | 23.4 | 21.0 | 19.4 | 23.0 | 21.6 | 22.4 | 22.4 | 21.6 | 22.6 | 20.6 | 24 |
| 25 | 22.4 | 21.0 | 21.8 | 23.2 | 22.2 | 22.6 | 18.6 | 20.8 | 20.6 | 23.2 | 22.3 | 20.0 | 25 |
| 26 | 20.0 | 20.2 | 23.2 | 20.2 | | 24.8 | 23.4 | 19.8 | 22.4 | 22.4 | 22.1 | 18.1 | 26 |
| 27 | 23.8 | 20.2 | 24.0 | 23.4 | 23.2 | 20.2 | 22.0 | 20.8 | 22.4 | 17.8 | 21.6 | 17.3 | 27 |
| 28 | 25.2 | 20.2 | | 20.4 | 21.4 | 19.6 | 23.0 | 21.2 | 25.0 | 23.4 | 20.6 | 22.3 | 28 |
| 29 | 24.8 | | 24.0 | | 21.0 | 21.0 | 25.0 | 22.8 | 23.2 | 19.5 | 20.8 | 21.3 | 29 |
| 30 | 19.6 | | 24.3 | 23.0 | 21.0 | 20.0 | 24.2 | 19.6 | 23.6 | 23.4 | 18.8 | 22.6 | 30 |
| 31 | 24.0 | | 21.0 | | 19.4 | | 21.5 | 21.0 | | 22.2 | | 27.6 | 31 |
| Average | 22.1 | 21.6 | 22.4 | 22.9 | 21.4 | 22.2 | 21.4 | 22.5 | 22.0 | 21.6 | 20.9 | 20.7 | |

Annual Total (     )

Temperature (At 13 o'clock)     STATION  Popayan (MACHANGARA)

CAUCA __ RIVER, IN THE BASIN OF __CAUCA__     ELEVATION __1,730__ UNIT __°C__ YEAR __1976__

| DATE | Jan | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 23 3 | 22.8 | 23.8 | 18.7 | 24.0 | 21.6 | 24.5 | 24.8 | 26.0 | 23.8 | | 1 |
| 2 | 22 1 | 21.3 | 25 1 | 22.6 | 17.1 | 24.6 | 24.9 | 23.0 | 25.8 | 23.3 | 25.3 | | 2 |
| 3 | 20.9 | 22.0 | 20.8 | 24.6 | 20.6 | 23.0 | 24.6 | 24.6 | 26.8 | 22.6 | 19.6 | | 3 |
| 4 | 22.0 | 22 1 | 23.6 | 24.2 | 21.9 | 23.5 | 22.9 | 25.5 | 25.5 | 23.9 | 23.2 | | 4 |
| 5 | 21.6 | 22.6 | 25.0 | 25.6 | 21.1 | 24.2 | 22.6 | 26.9 | 23.2 | 21.1 | 20.0 | | 5 |
| 6 | 21.2 | 20.3 | 22.9 | 24.3 | 21.9 | 24.3 | 22.9 | 24.4 | 24.0 | 19.9 | 20.1 | | 6 |
| 7 | 22.0 | 22.0 | 21.3 | 21.4 | 19.4 | 22.4 | 25.2 | 23.9 | 27.7 | 22.0 | 23.9 | | 7 |
| 8 | 21.8 | 21.3 | 22.8 | 24.3 | 23.6 | 22.1 | 22.1 | 26.6 | 26.1 | 21.9 | 23.8 | | 8 |
| 9 | 21.7 | 22.6 | 23.8 | 21.6 | 23.3 | 21.6 | 24.8 | 24.9 | 26.8 | 23.5 | 22.0 | | 9 |
| 10 | 22.3 | 23.5 | 23.2 | 22.9 | 24.9 | 22.3 | 24.0 | 25.0 | 27.9 | 24.7 | 23.1 | | 10 |
| 11 | 23.6 | 21.8 | 21.8 | 20.4 | 24.0 | 20.4 | 21.8 | 24.3 | 28.7 | 21.9 | 20.4 | | 11 |
| 12 | 22.6 | 23.1 | 22.1 | 23.3 | 24.9 | 23.3 | 23.7 | 24.8 | 28.1 | 24.1 | 23.0 | | 12 |
| 13 | 22.8 | 22.6 | 22.4 | 22.8 | 23.7 | 19.5 | 23.6 | 26.4 | 25.9 | 24.0 | 22.8 | | 13 |
| 14 | 23.6 | 20.4 | 20.8 | 19.3 | 21.1 | 20.2 | 25.3 | 24.6 | 24.9 | 21.6 | 23.2 | | 14 |
| 15 | 21.1 | 22.6 | 23.2 | 20.4 | 23.6 | 23.5 | 25.6 | 23.5 | 27.2 | 24.2 | 23.2 | | 15 |
| 16 | 20.8 | 20.0 | 21.6 | | 25.3 | 23.5 | 26.0 | 26.7 | 26.6 | 24.0 | 18.8 | | 16 |
| 17 | 21.1 | 21.4 | 21.9 | 21.0 | 20.4 | 23.6 | 25.1 | 23.2 | 27.1 | 21.7 | 23.1 | | 17 |
| 18 | 22.9 | 22.6 | 20.8 | 21.1 | 21.3 | 24.3 | 24.3 | 25.3 | 28.4 | 25.0 | 23.5 | | 18 |
| 19 | 20.5 | 20.6 | 20.6 | 23.6 | 20.8 | 21.8 | 24.3 | 24.0 | 24.3 | 23.7 | 24.3 | | 19 |
| 20 | 23.1 | 18.0 | 23.8 | 22.3 | 21.7 | 24.4 | 20.8 | 22.0 | 25.6 | 23.6 | 23.8 | | 20 |
| 21 | 20.3 | 19.8 | 23.8 | 22.5 | 22.0 | 25.1 | 23.5 | 24.2 | 24.3 | 26.2 | 20.7 | | 21 |
| 22 | 20.4 | 18.8 | 20.6 | 24.8 | 25.6 | 24.9 | 24.4 | 24.9 | 24.6 | 22.4 | 23.1 | | 22 |
| 23 | 21.9 | 19.7 | 20.2 | 21.4 | 22.2 | 23.5 | 24.9 | 23.9 | 23.5 | 23.5 | 26.7 | | 23 |
| 24 | 24.0 | 21.1 | 22.3 | 21.6 | 23.3 | 19.6 | 26.6 | 23.7 | 23.4 | 23.4 | 24.8 | | 24 |
| 25 | 25.5 | 22.3 | 20.0 | 23.0 | 20.2 | 23.1 | 24.4 | 23.5 | 21.1 | 21.4 | 24.6 | | 25 |
| 26 | 23.7 | 22.8 | 22.8 | 22.6 | 24.7 | 24.6 | 23.3 | 22.3 | 23.1 | 23.6 | 22.8 | | 26 |
| 27 | 22.1 | 22.0 | 19.0 | 18.8 | 22.3 | 22.8 | 26.1 | 22.8 | 21.3 | 22.6 | 23.9 | | 27 |
| 28 | 21.2 | 22.1 | 22.6 | 24.5 | 23.5 | 21.8 | 24.2 | 23.1 | 22.5 | 23.4 | 22.5 | | 28 |
| 29 | 21.9 | 24.2 | 21.0 | 19.9 | 22.2 | 22.3 | 26.2 | 25.2 | 25.1 | 21.8 | 18.1 | | 29 |
| 30 | 17.2 | | 23.7 | 20.0 | 21.4 | 26.2 | 27.6 | 26.3 | 26.3 | 23.8 | 22.0 | | 30 |
| 31 | 22.5 | | 21.6 | | 23.0 | | 25.0 | 26.8 | | 21.3 | | | 31 |
| Average | 21.9 | 21.6 | 22.2 | 22.4 | 22.2 | 23.0 | 24.3 | 24.5 | 25.4 | 23.1 | 22.7 | | |

Annual Total (     )

Tempe ature (At 13 o'clock)     STATION  Popayan (MACHANGARA)

CAUCA __ RIVER, IN THE BASIN OF __CAUCA__     ELEVATION __1,730__ UNIT __°C__ YEAR __1977__

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 23.2 | | | | | | | 23.1 | | 1 |
| 2 | | | | 24.6 | | | | | | | 24.7 | | 2 |
| 3 | | | | 22.5 | | | | | | | 23.4 | | 3 |
| 4 | | | | 21.3 | | | | | | | 18.7 | | 4 |
| 5 | | | | 23.1 | | | | | | | 22.1 | | 5 |
| 6 | | | | 23.9 | | | | | | | 23.3 | | 6 |
| 7 | | | | 24.6 | | | | | | | 22.6 | | 7 |
| 8 | | | | 21.5 | | | | | | | 24.4 | | 8 |
| 9 | | | | 23.3 | | | | | | | 24.9 | | 9 |
| 10 | | | | 23.1 | | | | | | | 19 5 | | 10 |
| 11 | | | | 23.0 | | | | | | | 23.8 | | 11 |
| 12 | | | | 24.9 | | | | | | | 21.3 | | 12 |
| 13 | | | | 23.4 | | | | | | | 22.0 | | 13 |
| 14 | | | | 23.3 | | | | | | | 23.5 | | 14 |
| 15 | | | | 24.8 | | | | | | | 23.6 | | 15 |
| 16 | | | | 23.5 | | | | | | | 23.4 | | 16 |
| 17 | | | | 24.3 | | | | | | | 21.8 | | 17 |
| 18 | | | | 23.4 | | | | | | | 22.8 | | 18 |
| 19 | | | | 25.7 | | | | | | | 24.0 | | 19 |
| 20 | | | | 27.2 | | | | | | | 23.7 | | 20 |
| 21 | | | | 20.3 | | | | | | | 23.7 | | 21 |
| 22 | | | | 22.7 | | | | | | | 24.0 | | 22 |
| 23 | | | | 17.5 | | | | | | | 22.0 | | 23 |
| 24 | | | | 22.7 | | | | | | | 23.1 | | 24 |
| 25 | | | | 24.2 | | | | | | | 20.9 | | 25 |
| 26 | | | | 22.4 | | | | | | | 21.3 | | 26 |
| 27 | | | | 23.0 | | | | | | | 22.7 | | 27 |
| 28 | | | | 22.3 | | | | | | | 23.6 | | 28 |
| 29 | | | | 23.1 | | | | | | | 24.1 | | 29 |
| 30 | | | | 22.2 | | | | | | | 23.6 | | 30 |
| 31 | | | | | | | | | | | | | 31 |
| Average | | | | 23.2 | | | | | | | 22.9 | | |

Annual Total (     )

## V-8    DAILY RELATIVE HUMIDITY

| | Meteorogical | Elevation (m) | Recording Period |
|---|---|---|---|
| (1) | Popayan (Machangara) | 1,730 | Jan. 1962 – Nov. 1977 |

Humidity (At 13 O'clock) ___ STATION __Popayan__

_____RIVER, IN THE BASIN OF _____ ELEVATION __1,730m__ UNIT ____%____ YEAR __1962__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62 | 67 | 55 | 73 | 62 | 61 | 70 | 38 | 58 | 62 | 69 | 68 | 1 |
| 2 | 65 | 65 | 57 | 75 | 72 | 63 | 50 | 46 | 33 | 62 | 63 | 64 | 2 |
| 3 | 66 | 84 | 66 | 66 | 62 | 65 | 59 | 42 | 48 | 58 | 86 | 69 | 3 |
| 4 | 68 | 74 | 70 | 71 | 67 | 68 | 56 | 51 | 66 | 74 | 63 | 42 | 4 |
| 5 | 49 | 63 | 91 | 62 | 59 | 71 | 53 | 54 | 57 | 57 | 69 | 56 | 5 |
| 6 | 66 | 62 | 75 | 80 | 66 | 72 | 42 | 71 | 49 | 57 | 63 | 66 | 6 |
| 7 | 69 | 81 | 91 | 64 | 63 | 64 | 53 | 62 | 53 | 71 | 75 | 62 | 7 |
| 8 | 66 | 70 | 69 | 74 | 76 | 77 | 58 | 63 | 48 | 70 | 63 | 59 | 8 |
| 9 | 65 | 80 | 68 | 62 | 76 | 69 | 53 | 68 | 72 | 81 | 63 | 64 | 9 |
| 10 | 65 | 56 | 64 | 80 | 91 | 73 | 36 | 61 | 47 | 75 | 69 | 65 | 10 |
| 11 | 62 | 67 | 69 | 62 | 66 | 79 | 45 | 56 | 60 | 66 | 63 | 69 | 11 |
| 12 | 80 | 75 | 58 | 51 | 86 | 62 | 45 | 55 | 38 | 63 | 66 | 68 | 12 |
| 13 | 58 | 68 | 75 | 61 | 69 | 83 | 59 | 57 | 55 | 57 | 66 | 78 | 13 |
| 14 | 70 | 61 | 72 | 76 | 76 | 65 | 49 | 78 | 56 | 100 | 73 | 64 | 14 |
| 15 | 69 | 100 | 79 | 67 | 63 | 65 | 75 | 51 | 60 | 90 | 75 | 83 | 15 |
| 16 | 73 | 68 | 62 | 72 | 74 | 88 | 48 | 70 | 68 | 85 | 61 | 72 | 16 |
| 17 | 69 | 82 | 65 | 66 | 68 | 46 | 47 | 59 | 73 | 67 | 83 | 72 | 17 |
| 18 | 68 | 68 | 71 | 58 | 76 | 50 | 52 | 62 | 51 | 69 | 70 | 75 | 18 |
| 19 | 63 | 62 | 65 | 72 | 80 | 55 | 76 | 61 | 57 | 67 | 69 | 72 | 19 |
| 20 | 61 | 63 | 83 | 70 | 75 | 60 | 42 | 55 | 57 | 64 | 51 | 95 | 20 |
| 21 | 62 | 65 | 65 | 73 | 64 | 75 | 50 | 42 | 95 | 58 | 82 | 100 | 21 |
| 22 | 64 | 66 | 75 | 74 | 56 | 43 | 65 | 42 | 63 | 50 | 56 | 63 | 22 |
| 23 | 59 | 58 | 91 | 79 | 62 | 53 | 57 | 42 | 47 | 49 | 65 | 65 | 23 |
| 24 | 77 | 61 | 68 | 73 | 80 | 59 | 68 | 61 | 39 | 45 | 69 | 65 | 24 |
| 25 | 53 | 58 | 73 | 74 | 83 | 68 | 80 | 47 | 36 | 48 | 61 | 51 | 25 |
| 26 | 62 | 50 | 74 | 76 | 87 | 80 | 62 | 53 | 50 | 57 | 79 | 69 | 26 |
| 27 | 58 | 63 | 65 | 70 | 73 | 78 | 57 | 62 | 68 | 57 | 69 | 66 | 27 |
| 28 | 67 | 79 | 73 | 65 | 60 | 74 | 62 | 64 | 55 | 55 | 57 | 57 | 28 |
| 29 | 75 | 55 | 63 | 57 | 57 | 59 | 65 | 57 | 62 | 68 | 77 | 58 | 29 |
| 30 | 68 | | 72 | 72 | 64 | 75 | 39 | 65 | 62 | 73 | 68 | 56 | 30 |
| 31 | 61 | | - | | 62 | | 51 | 65 | | 76 | | 51 | 31 |
| Average | 65 | 55 | 70 | 69 | 70 | 66 | 56 | 57 | 55 | 65 | 68 | 66 | |

Annual Total ( )

Humidity (At 13 O'clock) ___ STATION __Popayan__

_____RIVER, IN THE BASIN OF _____ ELEVATION __1,730m__ UNIT ____%____ YEAR __1963__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56 | 68 | 65 | 69 | 58 | 48 | 44 | 83 | 32 | 53 | 65 | 59 | 1 |
| 2 | 50 | 75 | 50 | 66 | 65 | 67 | 49 | 75 | 33 | 58 | 56 | 65 | 2 |
| 3 | 66 | 82 | 56 | 63 | 58 | 58 | 39 | 57 | 34 | 55 | 66 | 61 | 3 |
| 4 | 72 | 72 | 64 | 100 | 58 | 48 | 39 | 47 | 33 | 42 | 50 | 83 | 4 |
| 5 | 65 | 100 | 61 | 62 | 58 | 47 | 38 | 39 | 44 | 44 | 58 | 53 | 5 |
| 6 | 66 | 68 | 63 | 74 | 100 | 44 | 40 | 46 | 40 | 39 | 84 | 47 | 6 |
| 7 | 68 | 65 | 57 | 68 | 85 | 45 | 40 | 61 | 51 | 54 | 58 | 50 | 7 |
| 8 | 65 | 54 | 74 | 57 | 65 | 47 | 56 | 71 | 65 | 53 | 44 | 51 | 8 |
| 9 | 68 | 69 | 68 | 57 | 63 | 58 | 65 | 40 | 59 | 54 | 50 | 50 | 9 |
| 10 | 91 | 75 | 69 | 58 | 91 | 68 | 82 | 42 | 51 | 46 | 43 | 42 | 10 |
| 11 | 75 | 77 | 59 | 68 | 63 | 83 | 64 | 41 | 53 | 42 | 58 | 51 | 11 |
| 12 | 61 | 62 | 82 | 63 | 57 | 75 | 61 | 42 | 46 | 50 | 46 | 51 | 12 |
| 13 | 65 | 62 | 68 | 63 | 75 | 80 | 69 | 33 | 37 | 44 | 61 | 48 | 13 |
| 14 | 63 | 51 | 62 | 63 | 69 | 68 | 63 | 47 | 37 | 54 | 50 | 60 | 14 |
| 15 | 67 | 61 | 64 | 57 | 68 | 62 | 59 | 54 | 43 | 83 | 51 | 56 | 15 |
| 16 | 71 | 55 | 68 | 60 | 65 | 61 | 82 | 48 | 36 | 83 | 44 | 57 | 16 |
| 17 | 63 | 63 | 57 | 63 | 68 | 52 | 52 | 47 | 62 | 75 | 42 | 61 | 17 |
| 18 | 86 | 68 | 75 | 76 | 55 | 51 | 41 | 41 | 44 | 53 | 56 | 65 | 18 |
| 19 | 75 | 79 | 63 | 53 | 58 | 48 | 57 | 49 | 49 | 48 | 50 | 55 | 19 |
| 20 | 50 | 70 | 61 | 68 | 68 | 37 | 42 | 56 | 48 | 58 | 61 | 65 | 20 |
| 21 | 61 | 68 | 68 | 43 | 46 | 32 | 38 | 41 | 58 | 38 | 57 | 48 | 21 |
| 22 | 57 | 83 | 62 | 53 | 45 | 38 | 45 | 60 | 68 | 42 | 81 | 50 | 22 |
| 23 | 54 | 71 | 59 | 48 | 48 | 46 | 50 | 49 | 58 | 51 | 61 | 58 | 23 |
| 24 | 60 | 68 | 92 | 71 | 54 | 43 | 39 | 48 | 46 | 55 | 69 | 62 | 24 |
| 25 | 61 | 65 | 59 | 63 | 57 | 40 | 50 | 42 | 58 | 48 | 65 | 75 | 25 |
| 26 | 58 | 75 | 69 | 55 | 47 | 44 | 48 | 44 | 58 | 69 | 72 | 65 | 26 |
| 27 | 66 | 65 | 70 | 69 | 57 | 51 | 43 | 41 | 50 | 44 | 67 | 58 | 27 |
| 28 | 71 | 61 | 62 | 61 | 57 | 56 | 57 | 25 | 39 | 67 | 69 | 58 | 28 |
| 29 | 50 | | 60 | 75 | 41 | 61 | 48 | 28 | 56 | 54 | 58 | 68 | 29 |
| 30 | 65 | | 57 | 62 | 42 | 57 | 40 | 34 | 41 | 65 | 60 | 73 | 30 |
| 31 | 64 | | 58 | | 54 | | 65 | 38 | | 78 | | 58 | 31 |
| Average | 65 | 69 | 65 | 64 | 61 | 54 | 52 | 47 | 48 | 55 | 58 | 58 | |

Annual Total ( )

Humidity (At 13 O'clock) ___ STATION __Popayan__
___RIVER, IN THE BASIN OF __,___ ELEVATION __1.730m__ UNIT ____%__ YEAR __1964__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |  |  |  |  |  |  |  |  |  | 58 | 77 | 61 | 1 |
| 2 |  |  |  |  |  |  |  |  |  | 68 | 76 | 61 | 2 |
| 3 |  |  |  |  |  |  |  |  |  | 43 | 96 | 58 | 3 |
| 4 |  |  |  |  |  |  |  |  |  | 35 | 91 | 70 | 4 |
| 5 |  |  |  |  |  |  |  |  | 61 | 42 | 80 | 70 | 5 |
| 6 |  |  |  |  |  |  |  |  | 42 | 76 | 70 | 62 | 6 |
| 7 |  |  |  |  |  |  |  |  | 55 | 67 | 67 | 70 | 7 |
| 8 |  |  |  |  |  |  |  |  | 58 | 61 | 80 | 55 | 8 |
| 9 |  |  |  |  |  |  |  |  | 62 | 66 | 50 | 70 | 9 |
| 10 |  |  |  |  |  |  |  |  | 70 | 67 | 53 | 80 | 10 |
| 11 |  |  |  |  |  |  |  |  | 48 | 70 | 64 | 80 | 11 |
| 12 |  |  |  |  |  |  |  |  | 46 | 62 | 66 | 65 | 12 |
| 13 |  |  |  |  |  |  |  |  | 37 | 67 | 64 | 73 | 13 |
| 14 |  |  |  |  |  |  |  |  | 50 | 60 | ʋ7 | 65 | 14 |
| 15 |  |  |  |  |  |  |  |  | 46 | 70 | 70 | 77 | 15 |
| 16 |  |  |  |  |  |  |  |  | 62 | 64 | 86 | 70 | 16 |
| 17 |  |  |  |  |  |  |  |  | 55 | 61 | 88 | 68 | 17 |
| 18 |  |  |  |  |  |  |  |  | 61 | 64 | 71 | 57 | 18 |
| 19 |  |  |  |  |  |  |  |  | 40 | 66 | 64 | 70 | 19 |
| 20 |  |  |  |  |  |  |  |  | 53 | 70 | 63 | 62 | 20 |
| 21 |  |  |  |  |  |  |  |  | 44 | 64 | 64 | 69 | 21 |
| 22 |  |  |  |  |  |  |  |  | 42 | 64 | 59 | 79 | 22 |
| 23 |  |  |  |  |  |  |  |  | 55 | 66 | 67 | 70 | 23 |
| 24 |  |  |  |  |  |  |  |  | 56 | 79 | 66 | 38 | 24 |
| 25 |  |  |  |  |  |  |  |  | 72 | 49 | 70 | 83 | 25 |
| 26 |  |  |  |  |  |  |  |  | 66 | 67 | 61 | 57 | 26 |
| 27 |  |  |  |  |  |  |  |  | 58 | 62 | 74 | 70 | 27 |
| 28 |  |  |  |  |  |  |  |  | 58 | 69 | 61 | 75 | 28 |
| 29 |  |  |  |  |  |  |  |  | 54 | 90 | 63 | 61 | 29 |
| 30 |  |  |  |  |  |  |  |  | 92 | 68 | 58 | 71 | 30 |
| 31 |  |  |  |  |  |  |  |  |  | 70 |  | 61 | 31 |
| Average |  |  |  |  |  |  |  | · | 56 | 64 | 70 | 67 |  |

Annual Total (    )

Humidity (At 13 O'clock) ___ STATION __Popayan__
___RIVER, IN THE BASIN OF _____ ELEVATION __1.730m__ UNIT ____%__ YEAR __1965__

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 66 | 54 | 52 | 76 | 58 | 52 | 56 | 46 | 50 | 83 | 56 | 58 | 1 |
| 2 | 54 | 70 | 48 | 67 | 67 | 53 | 66 | 50 | 37 | 59 | 71 | 62 | 2 |
| 3 | 73 | 61 | 55 | 95 | 58 | 53 | 69 | 40 | 61 | 61 | 67 | 61 | 3 |
| 4 | 57 | 62 | 63 | 70 | 45 | 52 | 58 | 52 | 78 | 61 | 68 | 63 | 4 |
| 5 | 70 | 61 | 64 | 61 | 42 | 52 | 69 | 37 | 61 | 54 | 66 | 69 | 5 |
| 6 | 55 | 52 | 63 | 69 | 58 | 39 | 69 | 35 | 47 | 54 | 69 | 62 | 6 |
| 7 | 63 | 69 | 73 | 55 | 72 | 50 | 53 | 72 | 56 | 58 | 80 | 96 | 7 |
| 8 | 60 | 63 | 64 | 63 | 67 | 35 | 47 | 47 | 52 | 53 | 91 | 70 | 8 |
| 9 | 74 | 52 | 58 | 91 | 71 | 72 | 48 | 34 | 45 | 70 | 76 | 67 | 9 |
| 10 | 58 | 45 | 63 | 67 | 74 | 56 | 43 | 55 | 77 | 67 | 56 | 73 | 10 |
| 11 | 68 | 61 | 55 | 76 | 63 | 60 | 55 | 36 | 63 | 91 | 60 | 55 | 11 |
| 12 | 58 | 61 | 57 | 80 | 94 | 53 | 38 | 54 | 29 | 70 | 62 | 67 | 12 |
| 13 | 83 | 62 | 76 | 65 | 66 | 42 | 37 | 48 | 42 | 60 | 63 | 63 | 13 |
| 14 | 73 | 63 | 63 | 69 | 58 | 49 | 44 | 45 | 44 | 83 | 64 | .71 | 14 |
| 15 | 71 | 66 | 55 | 83 | 55 | 60 | 47 | 50 | 61 | 53 | 69 | 67 | 15 |
| 16 | 76 | 37 | 61 | 66 | 73 | 56 | 41 | 60 | 38 | 64 | 81 | 62 | 16 |
| 17 | 60 | 58 | 66 | 53 | 44 | 51 | 34 | 69 | 34 | 67 | 61 | 62 | 17 |
| 18 | 71 | 55 | 63 | 64 | 55 | 37 | 32 | 75 | 43 | 55 | 71 | 64 | 18 |
| 19 | 69 | 69 | 69 | 56 | 53 | 38 | 42 | 80 | 39 | 62 | 95 | 58 | 19 |
| 20 | 67 | 55 | 69 | 76 | 91 | 42 | 38 | 61 | 45 | 59 | 72 | 62 | 20 |
| 21 | 63 | 67 | 76 | 64 | 65 | 46 | 49 | 45 | 49 | 65 | 63 | 58 | 21 |
| 22 | 74 | 58 | 69 | 67 | 61 | 46 | 38 | 42 | 52 | 58 | 67 | 44 | 22 |
| 23 | 63 | 55 | 53 | 58 | 61 | 38 | 49 | 41 | 56 | 62 | 63 | 52 | 23 |
| 24 | 63 | 45 | 65 | 80 | 48 | 52 | 34 | 39 | 54 | 49 | 67 | 74 | 24 |
| 25 | 78 | 50 | 50 | 88 | 53 | 50 | 41 | 41 | 55 | 61 | 72 | 63 | 25 |
| 26 | 74 | 43 | 58 | 66 | 69 | 19 | 32 | 29 | 62 | 76 | 69 | 64 | 26 |
| 27 | 64 | 59 | 64 | 67 | 67 | 49 | 35 | 37 | 83 | 67 | 60 | 67 | 27 |
| 28 | 74 | 56 | 84 | 91 | 67 | 63 | 52 | 39 | 69 | 73 | 100 | 70 | 28 |
| 29 | 57 |  | 67 | 66 | 73 | 52 | 51 | 55 | 52 | 62 | 61 | 76 | 29 |
| 30 | 67 |  | 53 | 73 | 73 | 54 | 37 | 49 | 61 | 59 | 62 | 76 | 30 |
| 31 | 75 |  | 39 |  | 66 |  | 62 | 33 |  | 96 |  | 67· | 31 |
| Average | 68 | 57 | 62 | 71 | 63 | 50 | 47 | 48 | 53 | 65 | 69 | 65 |  |

Annual Total (    )

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Humidity (At 13 O'clock) _____ 'STATION ___ Popayan
_____ RIVER, IN THE BASIN OF _____ ELEVATION ___ 1.730m_ UNIT ____ %____ YEAR _1966_

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec | DATE |
|------|------|------|------|------|-----|------|------|------|-------|------|------|------|------|
| 1 | 73 | 50 | 47 | 33 | | 70 | 48 | 56 | 68 | 72 | 67 | 64 | 1 |
| 2 | 61 | 51 | 67 | 70 | 63 | 54 | 50 | 37 | 48 | 80 | 73 | 65 | 2 |
| 3 | 70 | 66 | 61 | 60 | 64 | 35 | 39 | 47 | 79 | 75 | 56 | 66 | 3 |
| 4 | 70 | 64 | 52 | 54 | 59 | 45 | 53 | 58 | 53 | 58 | 63 | 79 | 4 |
| 5 | 58 | 61 | 53 | 61 | 55 | 48 | 34 | 40 | 31 | 72 | 66 | 66 | 5 |
| 6 | 68 | 67 | 76 | 53 | 54 | 50 | 46 | 54 | 38 | 56 | 62 | 73 | 6 |
| 7 | 70 | 56 | 70 | 58 | 64 | 56 | 46 | 52 | 55 | 58 | 67 | 73 | 7 |
| 8 | 64 | 71 | 54 | 67 | 53 | 53 | 56 | 43 | 68 | 61 | 58 | 61 | 8 |
| 9 | 66 | 58 | 61 | 83 | 66 | 61 | 70 | 50 | 50 | 64 | 70 | 66 | 9 |
| 10 | 61 | 53 | 83 | 47 | 90 | 56 | 61 | 48 | 50 | 80 | 61 | 72 | 10 |
| 11 | 64 | 77 | 52 | 49 | 64 | 61 | 80 | 45 | 58 | 67 | 70 | 86 | 11 |
| 12 | 53 | 56 | 61 | 54 | 56 | 68 | 61 | 47 | 61 | 64 | 69 | 93 | 12 |
| 13 | 58 | 53 | 38 | 64 | 70 | 64 | 64 | 61 | 48 | 86 | 92 | 88 | 13 |
| 14 | 72 | 40 | 79 | 72 | 61 | 60 | 53 | 72 | 67 | 73 | 73 | 81 | 14 |
| 15 | 66 | 52 | 52 | 66 | 84 | 64 | 66 | 53 | 65 | 56 | 92 | 70 | 15 |
| 16 | 73 | 53 | 56 | 66 | 65 | 61 | 58 | 53 | 56 | 57 | 64 | 73 | 16 |
| 17 | 70 | 48 | 49 | 73 | 66 | 70 | 52 | 46 | 64 | -92 | 84 | 70 | 17 |
| 18 | 66 | 54 | 70 | 76 | 63 | 70 | 49 | 58 | 52 | 70 | 86 | 73 | 18 |
| 19 | 54 | 41 | 60 | 58 | 64 | 69 | 45 | 56 | 58 | 53 | 67 | 72 | 19 |
| 20 | 37 | 52 | | 67 | 43 | 92 | 47 | 37 | 58 | 56 | 89 | 65 | 20 |
| 21 | 43 | 58 | 63 | 66 | 59 | 57 | 64 | 53 | 58 | 60 | 66 | 66 | 21 |
| 22 | 43 | 42 | 67 | 84 | 58 | 61 | 56 | 62 | 64 | 47 | 67 | 86 | 22 |
| 23 | 50 | 58 | 37 | 66 | 58 | 54 | 54 | 78 | 52 | 53 | 67 | 56 | 23 |
| 24 | 47 | 55 | 58 | 64 | 55 | 85 | 80 | 44 | 44 | 58 | 67 | 63 | 24 |
| 25 | 34 | 56 | 77 | 66 | 84 | 74 | 48 | 63 | 43 | 55 | 77 | 83 | 25 |
| 26 | 55 | 71 | 70 | 61 | 61 | 61 | 38 | 73 | 49 | 58 | 70 | 64 | 26 |
| 27 | 77 | 38 | 71 | 50 | 66 | 50 | 40 | 54 | 49 | 64 | 61 | 70 | 27 |
| 28 | 67 | 56 | 48 | 45 | 66 | 54 | 56 | 64 | 53 | 58 | 67 | 71 | 28 |
| 29 | 53 | | 35 | 38 | 84 | 65 | 70 | 60 | 58 | 70 | 86 | 72 | 29 |
| 30 | 50 | | 20 | 61 | 69 | 53 | 64 | 56 | 67 | 53 | 67 | 64 | 30 |
| 31 | 54 | | 70 | | 64 | | 69 | 63 | | 49 | | 73 | 31 |
| Average | 60 | 54 | 59 | 61 | 64 | 61 | 55 | 54 | 55 | 64 | 70 | 72 | |

Annual Total ( )

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Humidity (At 13 O'clock) _____ STATION ___ Popayan
_____ RIVER, IN THE BASIN OF _____ ELEVATION ___ 1.730m_ UNIT ____ %____ YEAR _1967_

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|-----|------|------|------|-------|------|------|------|------|
| 1 | 77 | 63 | 73 | 73 | 63 | 67 | 50 | 39 | | 82 | 83 | 38 | 1 |
| 2 | 63 | 69 | 60 | 77 | 83 | 76 | 39 | 47 | | • | 57 | 65 | 2 |
| 3 | 69 | 74 | 61 | 64 | 60 | 70 | 49 | 51 | | 42 | 61 | 64 | 3 |
| 4 | 77 | 49 | 66 | 55 | 56 | 83 | 41 | 40 | | 52 | 64 | 38 | 4 |
| 5 | 61 | 73 | 58 | 58 | 56 | 83 | 57 | 39 | | 41 | 58 | 46 | 5 |
| 6 | 58 | 80 | 61 | 58 | 77 | 52 | 66 | 40 | | 35 | 53 | 58 | 6 |
| 7 | 68 | 89 | 70 | 47 | 76 | 91 | 53 | 43 | | 45 | 56 | 57 | 7 |
| 8 | 56 | 62 | 70 | 54 | 64 | 56 | 38 | 44 | | 60 | 76 | 58 | 8 |
| 9 | 63 | 89 | 76 | 68 | 59 | 58 | 58 | 33 | | 83 | 56 | 56 | 9 |
| 10 | 69 | 60 | 66 | 62 | 77 | 58 | 62 | 51 | | 53 | 80 | 67 | 10 |
| 11 | 76 | 74 | 63 | 53 | 66 | 69 | 72 | 41 | | 52 | 58 | 62 | 11 |
| 12 | 83 | 54 | 61 | 53 | 67 | 66 | 58 | 42 | | 91 | 55 | 74 | 12 |
| 13 | 72 | 62 | 56 | 74 | 66 | 63 | 61 | 48 | | 63 | 66 | 58 | 13 |
| 14 | 57 | 66 | 64 | 91 | 76 | 56 | 72 | 42 | | 58 | 64 | 61 | 14 |
| 15 | 70 | 70 | 83 | 56 | 57 | 69 | 87 | 48 | | 51 | 63 | 76 | 15 |
| 16 | 72 | 66 | 69 | 58 | 70 | 76 | 56 | 45 | | 51 | 74 | 58 | 16 |
| 17 | 64 | 51 | 95 | 56 | 39 | 73 | 48 | 59 | | 57 | 52 | 55 | 17 |
| 18 | 61 | 67 | 54 | 64 | 86 | 60 | 51 | 45 | 50 | 58 | 88 | 76 | 18 |
| 19 | 64 | 67 | 62 | 51 | 61 | 63 | 67 | 52 | 41 | 58 | 76 | 55 | 19 |
| 20 | 76 | 69 | 58 | 54 | 64 | 52 | 58 | 48 | 54 | 52 | 67 | 54 | 20 |
| 21 | 57 | 65 | 49 | 42 | 68 | 58 | 69 | 61 | 51 | 62 | 83 | 61 | 21 |
| 22 | 67 | 75 | 52 | 58 | 58 | 44 | 66 | 67 | 55 | 58 | 57 | 61 | 22 |
| 23 | 71 | 83 | 61 | 59 | 64 | 41 | 74 | 53 | 41 | 61 | 55 | 64 | 23 |
| 24 | 76 | 65 | | 58 | 48 | 47 | 69 | 49 | 47 | 67 | 60 | 58 | 24 |
| 25 | 67 | 61 | 66 | 66 | 70 | 83 | 62 | | 36 | 67 | 65 | 63 | 25 |
| 26 | 73 | 79 | 58 | 63 | 56 | 67 | 42 | | 58 | 50 | 67 | 84 | 26 |
| 27 | 68 | 69 | 80 | 73 | 61 | 61 | 47 | | 70 | 4 | 67 | 59 | 27 |
| 28 | 72 | 70 | 76 | 70 | 63 | 44 | 42 | | 80 | 58 | 73 | 88 | 28 |
| 29 | 69 | | 79 | 63 | 57 | 55 | 49 | | 69 | 63 | 55 | 61 | 29 |
| 30 | 67 | | 63 | 49 | 73 | 58 | 47 | | 73 | 69 | | 61 | 30 |
| 31 | 66 | | 66 | | 95 | | 41 | | | 91 | | 58 | 31 |
| Average | 68 | 69 | 66 | 61 | 66 | 64 | 57 | 47 | | 59 | 65 | 61 | |

Annual Total ( )

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Humidity (At 13 O'clock)  STATION  Popayan

RIVER, IN THE BASIN OF _____  ELEVATION  1,730m  UNIT  %  YEAR  1968

| DATE | Jan. | Feb. | Mar. | Apr. | May. | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60 | 64 | 61 | 64 | 44 | 66 | 60 | 46 | 62 | 56 | 41 | 69 | 1 |
| 2 | 55 | 73 | 70 | 58 | 38 | 76 | 64 | 43 | 65 | 65 | 45 | 77 | 2 |
| 3 | 41 | 76 | 70 | 65 | 45 | 54 | 58 | 57 | 52 | 58 | 65 | 62 | 3 |
| 4 | 60 | 80 | 63 | 61 | 41 | 58 | 80 | 51 | 57 | 57 | 58 | 71 | 4 |
| 5 | 61 | 70 | 50 | 64 | 50 | 70 | 94 | 57 | 50 | 70 | 67 | 46 | 5 |
| 6 | 70 | 56 | 58 | 60 | 47 | 71 | 70 | 79 | 90 | 58 | 48 | 64 | 6 |
| 7 | 64 | 64 | 67 | 64 | 76 | 47 | 60 | 53 | 50 | 64 | 71 | 53 | 7 |
| 8 | 64 | 61 | 67 | 73 | 60 | 64 | 44 | 45 | 62 | 77 | 61 | 64 | 8 |
| 9 | 70 | 61 | 88 | 77 | 66 | 50 | 43 | 34 | 56 | 53 | 70 | 56 | 9 |
| 10 | 50 | 67 | 76 | 64 | 70 | 61 | 50 | 30 | 50 | 58 | 66 | 67 | 10 |
| 11 | 56 | 64 | 67 | 76 | 61 | 50 | 46 | 37 | 53 | 53 | 56 | 53 | 11 |
| 12 | 61 | 58 | 56 |  | 46 | 83 | 52 | 39 | 58 | 64 | 84 | 67 | 12 |
| 13 | 61 | 58 | 61 | 66 | 44 | 62 | 50 | 34 | 41 | 80 | 70 | 45 | 13 |
| 14 | 57 | 58 | 70 | 72 | 53 | 58 | 57 | 34 | 52 | 59 | 69 | 64 | 14 |
| 15 | 58 | 58 | 83 | 70 | 48 | 61 | 66 | 31 | 46 | 58 | 71 | 50 | 15 |
| 16 | 56 | 58 | 64 | 57 | 58 | 52 | 70 | 37 | 46 | 70 | 80 | 58 | 16 |
| 17 | 68 | 61 | 77 | 58 | 78 | 61 | 70 | 43 | 56 | 50 | 68 | 50 | 17 |
| 18 | 65 | 64 | 62 | 62 | 47 | 64 | 57 | 53 | 62 | 71 | 65 | 58 | 18 |
| 19 | 56 | 58 | 63 | 64 | 61 | 58 | 64 | 43 | 62 | 58 | 57 | 65 | 19 |
| 20 | 58 | 64 | 70 | 64 | 61 | 58 | 64 | 32 | 40 | 75 | 71 | 72 | 20 |
| 21 | 61 | 70 | 66 | 61 | 58 | 80 | 58 | 43 | 68 | 53 | 58 | 53 | 21 |
| 22 | 64 | 61 | 40 | 58 | 57 | 73 | 43 | 37 | 75 | 68 | 76 | 71 | 22 |
| 23 | 70 | 64 | 67 | 67 | 58 | 61 | 58 | 44 | 50 | 53 | 60 | 52 | 23 |
| 24 | 53 | 67 | 70 | 55 | 56 | 58 | 43 | 52 | 50 | 74 | 65 | 70 | 24 |
| 25 | 84 | 64 | 64 | 70 | 53 | 55 | 46 | 47 | 45 | 64 | 62 | 94 | 25 |
| 26 | 61 | 63 | 67 | 56 | 70 | 58 | 43 | 56 | 50 | 84 | 53 | 64 | 26 |
| 27 | 61 | 76 | 61 | 58 | 58 | 40 | 52 | 83 | 52 | 60 | 65 | 58 | 27 |
| 28 | 58 | 56 | 62 | 64 | 51 | 53 | 46 | 64 | 68 | 65 | 80 | 69 | 28 |
| 29 | 55 | 76 | 64 | 56 | 53 | 61 | 46 | 56 | 56 | 67 | 78 | 53 | 29 |
| 30 | 71 |  | 64 | 60 | 96 | 58 | 41 | 73 | 86 | 72 | 95 | 53 | 30 |
| 31 | 85 |  | 44 |  | 85 |  | 52 | 58 |  | 58 |  | 94 | 31 |
| Average | 62 | 64 | 65 | 64 | 58 | 61 | 56 | 48 | 57 | 64 | 67 | 63 |  |

Annual Total (     )

Humidity (At 13 O'clock)  STATION  Popayan

RIVER, IN THE BASIN OF _____  ELEVATION  1,730m  UNIT  %  YEAR  1969

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 84 | 94 |  |  |  |  |  |  |  |  | 64 | 54 | 1 |
| 2 | 47 | 44 |  |  |  |  |  |  |  |  | 60 | 66 | 2 |
| 3 | •48 | 44 |  |  |  |  |  |  |  |  | 53 | 64 | 3 |
| 4 | 46 | 64 |  |  |  |  |  |  |  |  | 71 | 77 | 4 |
| 5 | 58 | 68 |  |  |  |  |  |  |  |  | 64 | 66 | 5 |
| 6 | 73 | 56 |  |  |  |  |  |  |  |  | 64 | 60 | 6 |
| 7 | 56 | 63 |  |  |  |  |  |  |  |  | 58 | 62 | 7 |
| 8 | 46 | 70 |  |  |  |  |  |  |  |  | 70 | 77 | 8 |
| 9 | 43 | 71 |  |  |  |  |  |  |  |  | 58 | 70 | 9 |
| 10 | 51 | 70 |  |  |  |  |  |  |  |  | 64 | 71 | 10 |
| 11 | 70 | 65 |  |  |  |  |  |  |  |  | 70 | 58 | 11 |
| 12 | 84 | 70 |  |  |  |  |  |  |  |  | 61 | 70 | 12 |
| 13 | 64 | 56 |  |  |  |  |  |  |  |  | 58 | 66 | 13 |
| 14 | 76 | 58 |  |  |  |  |  |  |  |  | 62 | 64 | 14 |
| 15 | 92 | 64 |  |  |  |  |  |  |  |  | 70 | 54 | 15 |
| 16 | 65 | 70 |  |  |  |  |  |  |  | 73 | 70 | 64 | 16 |
| 17 | 67 | 85 |  |  |  |  |  |  |  | 97 | 52 | 62 | 17 |
| 18 | 70 | 64 |  |  |  |  |  |  |  | 58 | 73 | 66 | 18 |
| 19 | 84 |  |  |  |  |  |  |  |  | 70 | 64 | 58 | 19 |
| 20 | 64 |  |  |  |  |  |  |  |  | 65 | 55 | 66 | 20 |
| 21 | 70 |  |  |  |  |  |  |  |  | 71 | 77 | 64 | 21 |
| 22 | 66 |  |  |  |  |  |  |  |  | 64 | 67 | 96 | 22 |
| 23 | 67 |  |  |  |  |  |  |  |  | 62 | 59 | 53 | 23 |
| 24 | 64 |  |  |  |  |  |  |  |  | 58 | 77 | 73 | 24 |
| 25 | "0 |  |  |  |  |  |  |  |  | 58 | 95 | - | 25 |
| 26 | 61 |  |  |  |  |  |  |  |  | 53 | 64 | 65 | 26 |
| 27 | 64 |  |  |  |  |  |  |  |  | 85 | 61 | 58 | 27 |
| 28 | 71 |  |  |  |  |  |  |  |  | 59 | 71 | 65 | 28 |
| 29 | 53 |  |  |  |  |  |  |  |  | 74 | 76 | 52 | 29 |
| 30 | 56 |  |  |  |  |  |  |  |  | 83 | 68 | 60 | 30 |
| 31 | 58 |  |  |  |  |  |  |  |  | 65 |  | 49 | 31 |
| Average | 64 | 65 |  |  |  |  |  |  |  | 68 | 66 | 64 |  |

Annual Total (     )

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Humidity (At 13 O'clock)  STATION  Popayan

_____ RIVER, IN THE BASIN OF _____  ELEVATION  1.730m  UNIT  %  YEAR  1970

| DATE | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 71 | 71 | 54 | 92 | 49 | 58 | 64 | 64 | 63 | 52 | 70 | 1 |
| 2 | 62 | 77 | 88 | 54 | 74 | 49 | 55 | 70 | 84 | 62 | 61 | 69 | 2 |
| 3 | 73 | 71 | 58 | 58 | 84 | 78 | 43 | 57 | 84 | 61 | 66 | 73 | 3 |
| 4 | 58 | 76 | 55 | 52 | 66 | 57 | 47 | 58 | 92 | 70 | 83 | 72 | 4 |
| 5 | 53 | 71 | 50 | 53 | 71 | 78 | 65 | 72 | 62 | 70 | 77 | 76 | 5 |
| 6 | 47 | 71 | 65 | 58 | 91 | 85 | 68 | 70 | 84 | 74 | 76 | 69 | 6 |
| 7 | 76 | 76 | 58 | 80 | 73 | 92 | 79 | 57 | 58 | 64 | 67 | 76 | 7 |
| 8 | 52 | 61 | 77 | 84 | 77 | 71 | 70 | 58 | 84 | 73 | 63 | 64 | 8 |
| 9 | 43 | 52 | 70 | 61 | 60 | 77 | 65 | 57 | 59 | 83 | 66 | 76 | 9 |
| 10 | 63 | 61 | 54 | 68 | 64 | 92 | 69 | 58 | 67 | 79 | 63 | 70 | 10 |
| 11 | 76 | 72 | 77 | 77 | 71 | 53 | 61 | 77 | 65 | 62 | 76 | 64 | 11 |
| 12 | 82 | 61 | 66 | 95 | 64 | 81 | 68 | 53 | 75 | 83 | 76 | 71 | 12 |
| 13 | 67 | 61 | 66 | 45 | 71 | 64 | 65 | 72 | 64 | 83 | 75 | 79 | 13 |
| 14 | 79 | 60 | 69 | 92 | 71 | 45 | 61 | 71 | 73 | 70 | 81 | 76 | 14 |
| 15 | 72 | 53 | 52 | 59 | 80 | 58 | 58 | 74 | 66 | 70 | 73 | 57 | 15 |
| 16 | 66 | 59 | 62 | 77 | 76 | 85 | 68 | 53 | 91 | 60 | 70 | 63 | 16 |
| 17 | 87 | 68 | 50 | 66 | 80 | 48 | 53 | 76 | 69 | 59 | 65 | 70 | 17 |
| 18 | 60 | 73 | 48 | 73 | 53 | 41 | 60 | 58 | 78 | 60 | 70 | 52 | 18 |
| 19 | 83 | 52 | 53 | 72 | 75 | 44 | 66 | 70 | 53 | 54 | 73 | 83 | 19 |
| 20 | 62 | 80 | 64 | 65 | 69 | 64 | 68 | 53 | 64 | 71 | 70 | 91 | 20 |
| 21 | 76 | 77 | 45 | 71 | 66 | 53 | 49 | 74 | 69 | 73 | 73 | 73 | 21 |
| 22 | 51 | 61 | 38 | 84 | 58 | 78 | 49 | 40 | 88 | 70 | 70 | 83 | 22 |
| 23 | 51 | 58 | 39 | 65 | 70 | 58 | 71 | 77 | 83 | 83 | 69 | 73 | 23 |
| 24 | 63 | 71 | 70 | 49 | 65 | 85 | 64 | 58 | 70 | 52 | 52 | 62 | 24 |
| 25 | 70 | 76 | 58 | 66 | 84 | 64 | 66 | 81 | 64 | 79 | 69 | 66 | 25 |
| 26 | 69 | - | 58 | 64 | 70 | 72 | 72 | 64 | 84 | 70 | 69 | 75 | 26 |
| 27 | 76 | 49 | 53 | 82 | 69 | 50 | 80 | 75 | 58 | 69 | 97 | 70 | 27 |
| 28 | 57 | 57 | 84 | 58 | 69 | 60 | 73 | 67 | 92 | 62 | 63 | 63 | 28 |
| 29 | 58 | | 59 | 84 | 69 | 37 | 84 | 85 | 84 | 64 | 91 | 77 | 29 |
| 30 | 52 | | 66 | 49 | 58 | 72 | 84 | 90 | 74 | 69 | 75 | 63 | 30 |
| 31 | 76 | | 52 | | 65 | | 72 | 78 | | 51 | | 71 | 31 |
| Average | 65 | 66 | 60 | 67 | 71 | 66 | 65 | 66 | 73 | 69 | 71 | 71 | |

Annual Total (     )

Humidity (At 13.o'clock)  STATION  Popayan (MACHANGARA)

CAUCA RIVER, IN THE BASIN OF CAUCA  ELEVATION  1.730  UNIT  %  YEAR  1971

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64 | 77 | 73 | 79 | 87 | 69 | 66 | 70 | 71 | 74 | 69 | 76 | 1 |
| 2 | 75 | 70 | 70 | 64 | 80 | 58 | 69 | 83 | 51 | 76 | 87 | 78 | 2 |
| 3 | 64 | 71 | 80 | 78 | 63 | 68 | 83 | 84 | 80 | 63 | 76 | 77 | 3 |
| 4 | 89 | 70 | 56 | 64 | 80 | 72 | 83 | 68 | 68 | 83 | 69 | 74 | 4 |
| 5 | 83 | 72 | 85 | 74 | 70 | 80 | 58 | 69 | 72 | 83 | 83 | 76 | 5 |
| 6 | 80 | 58 | 65 | 71 | 75 | 71 | 64 | 66 | | 70 | 69 | 70 | 6 |
| 7 | 72 | 64 | 77 | 70 | 51 | 73 | 65 | 69 | | 69 | 69 | 64 | 7 |
| 8 | 67 | 70 | 76 | 51 | 76 | 54 | 59 | 77 | | 64 | 67 | | 8 |
| 9 | 68 | 91 | 67 | 66 | 63 | 77 | 63 | 57 | | 64 | 91 | 66 | 9 |
| 10 | 69 | 84 | 65 | 67 | 72 | 77 | 83 | 78 | | 75 | 83 | 66 | 10 |
| 11 | 63 | 81 | 80 | 74 | 83 | 56 | 57 | 69 | | 70 | 76 | 57 | 11 |
| 12 | 77 | 77 | 62 | 67 | 70 | 84 | 58 | 69 | | 76 | 73 | 61 | 12 |
| 13 | 83 | 69 | 64 | 84 | 70 | 88 | 83 | 63 | | 63 | 57 | 67 | 13 |
| 14 | 78 | 83 | 76 | 95 | 83 | 64 | 66 | 76 | | 70 | 83 | 52 | 14 |
| 15 | 73 | 90 | 72 | 80 | 69 | 60 | 63 | 68 | 71 | 77 | 70 | 64 | 15 |
| 16 | 73 | 81 | 76 | 52 | 83 | 70 | 51 | 67 | 75 | 69 | 80 | 64 | 16 |
| 17 | 76 | 63 | 73 | 88 | 83 | 77 | 52 | 83 | 82 | 91 | 83 | 58 | 17 |
| 18 | 85 | 83 | 100 | 50 | 64 | 69 | 51 | 70 | 62 | 91 | 68 | 67 | 18 |
| 19 | 75 | 63 | 91 | 76 | 63 | 70 | 57 | 69 | 71 | 88 | 91 | 64 | 19 |
| 20 | 68 | 69 | 91 | 91 | 76 | 70 | 44 | 89 | 69 | 64 | 83 | 73 | 20 |
| 21 | 69 | 79 | 73 | 83 | 57 | 87 | 61 | 69 | 87 | 100 | 76 | 83 | 21 |
| 22 | 73 | 92 | 69 | 84 | 87 | 70 | 48 | 76 | 57 | 69 | 91 | 87 | 22 |
| 23 | 63 | 74 | 70 | 83 | 69 | 71 | 70 | 58 | 71 | 77 | 69 | 69 | 23 |
| 24 | 65 | 63 | 83 | 67 | 58 | 63 | 57 | 73 | 57 | 69 | 70 | 69 | 24 |
| 25 | 69 | 73 | 83 | 58 | 91 | 68 | 71 | 67 | 62 | 82 | 63 | 91 | 25 |
| 26 | 78 | 53 | 70 | 48 | 87 | 70 | 51 | 73 | 57 | 63 | 83 | 69 | 26 |
| 27 | 69 | 77 | 70 | 53 | 57 | 77 | 75 | 69 | 66 | 86 | 63 | 83 | 27 |
| 28 | 73 | 53 | 76 | 64 | 91 | 77 | 69 | 71 | 64 | 63 | 87 | 72 | 28 |
| 29 | 69 | | 75 | 52 | 57 | 58 | 70 | 63 | 74 | 87 | 69 | 83 | 29 |
| 30 | 72 | | 63 | 73 | 83 | 58 | 57 | 68 | 82 | 69 | 83 | | 30 |
| 31 | 63 | | 75 | | 57 | | 72 | 53 | | 83 | | 65 | 31 |
| Average | 72 | 73 | 74 | 70 | 73 | 70 | 64 | 70 | 69 | 75 | 76 | 70 | |

Annual Total (     )

Humidity (At 13. o'clock) STATION Popayan (MACHANGARA)
CAUCA RIVER, IN THE BASIN OF CAUCA ELEVATION 1,730 UNIT % YEAR 1972

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |  | 75 | 66 | 65 | 65 |  | 68 | 49 | 74 | 88 | 72 | 64 | 1 |
| 2 | 71 | 83 | 65 | 66 | 97 |  | 63 | 57 | 65 | 61 | 73 | 66 | 2 |
| 3 | 76 | 64 | 58 | 65 | 60 |  | 43 | 48 | 57 | 77 | 64 | 78 | 3 |
| 4 | 76 | 87 | 71 | 58 | 61 |  | 58 | 57 | 68 | 71 | 72 | 74 | 4 |
| 5 | 61 | 71 | 58 | 66 | 66 |  | 73 | 52 | 53 | 69 | 67 | 69 | 5 |
| 6 | 70 | 85 | 71 | 58 | 70 |  | 58 | 52 | 70 | 65 | 60 | 78 | 6 |
| 7 | 67 | 63 | 68 | 56 | 63 |  | 57 | 38 | 58 | 70 | 78 | 60 | 7 |
| 8 | 76 | 76 | 64 | 48 | 68 |  | 65 | 52 | 65 | 60 | 74 | 85 | 8 |
| 9 | 67 | 70 | 58 | 100 | 70 |  | 64 | 47 | 57 | 68 | 67 | 71 | 9 |
| 10 | 70 | 91 | 71 | 70 | 66 |  | 57 | 66 | 84 | 58 | 88 | 80 | 10 |
| 11 | 71 | 76 | 65 | 65 | 65 |  | 64 | 52 | 58 | 77 | 68 | 72 | 11 |
| 12 | 91 | 67 | 65 | 53 | 74 |  | 64 | 57 | 50 | 71 | 60 | 68 | 12 |
| 13 | 76 | 58 | 65 | 83 | 64 |  | 53 | 73 | 44 | 86 | 89 | 73 | 13 |
| 14 | 63 | 61 | 78 | 58 | 78 |  | 65 | 60 | 41 | 65 | 81 | 68 | 14 |
| 15 | 83 | 63 | 84 | 60 | 65 |  | 57 | 47 | 65 | 54 | 63 | 58 | 15 |
| 16 | 68 | 76 | 65 | 71 | 64 |  | 57 | 67 | 92 | 56 | 80 | 64 | 16 |
| 17 | 75 | 91 | 64 | 64 | 70 |  | 57 | 52 | 78 | 63 | 58 | 69 | 17 |
| 18 | 57 | 70 | 64 | 92 | 74 |  | 57 | 91 | 66 | 78 | 65 | 71 | 18 |
| 19 | 70 | 63 | 84 | 65 | 71 |  | 51 | 70 | 53 | 58 | 58 | 80 | 19 |
| 20 | 69 | 64 | 84 | 54 | 86 |  | 57 | 83 | 92 | 50 | 92 | 68 | 20 |
| 21 | 91 | 69 | 85 | 65 | 92 |  | 76 | 63 |  | 65 | 69 | 62 | 21 |
| 22 | 69 | 70 | 83 | 92 | 78 |  | 53 | 69 | 59 | 72 | 71 | 70 | 22 |
| 23 | 86 | 57 | 84 | 64 | 78 |  | 52 | 52 | 61 | 92 | 68 | 66 | 23 |
| 24 | 76 | 76 | 58 | 58 | 72 |  | 53 | 69 | 65 | 65 | 67 | 54 | 24 |
| 25 | 70 | 69 | 85 | 78 | 71 |  | 65 | 58 | 70 | 56 | 69 |  | 25 |
| 26 | 69 | 63 | 96 | 57 | 70 |  | 43 | 86 |  | 61 | 64 | 58 | 26 |
| 27 | 69 | 57 | 92 | 70 | 70 |  | 63 | 64 |  | 51 | 63 | 57 | 27 |
| 28 | 76 | 83 | 84 | 74 | 70 |  | 44 | 63 | 46 | 63 | 81 | 68 | 28 |
| 29 | 69 | 69 | 70 | 64 | 71 |  | 52 | 54 | 72 | 68 | 55 | 54 | 29 |
| 30 | 57 |  | 64 | 70 | 65 |  | 43 | 67 | 58 | 67 | 63 | 67 | 30 |
| 31 | 76 |  | 77 |  | 65 |  | 65 | 83 |  | 71 |  | 70 | 31 |
| Average | 72 | 71 | 72 | 67 | 71 |  | 58 | 61 | 64 | 67 | 70 | 68 |  |

Annual Total ( )

Humidity (At 13. o'clock) STATION Popayan (MACHANGARA)
CAUCA RIVER, IN THE BASIN OF CAUCA ELEVATION 1,730 UNIT % YEAR 1973

| DATE | Jan. | Feb | Mar. | Apr. | May | Jun | Jul | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |  | 64 | 68 | 63 | 89 | 80 | 61 | 72 | 68 | 66 | 76 | 62 | 1 |
| 2 | 71 | 57 | 65 | 60 | 70 | 74 | 50 | 89 | 58 | 77 | 57 | 75 | 2 |
| 3 | 62 | 55 | 65 | 62 | 83 | 74 | 60 | 60 | 50 | 77 | 74 | 68 | 3 |
| 4 | 58 | 56 | 65 | 85 | 62 | 69 | 52 | 70 | 54 | 70 | 60 | 79 | 4 |
| 5 | 61 | 53 | 59 | 76 | 68 | 62 | 65 | 59 | 61 | 71 | 84 | 61 | 5 |
| 6 | 65 | 84 | 60 | 67 | 77 | 70 | 42 | 65 | 60 | 78 | 74 | 74 | 6 |
| 7 | 68 | 57 | 73 | 75 | 68 | 74 | 45 | 65 | 50 | 81 | 80 | 76 | 7 |
| 8 | 77 | 62 | 74 | 84 | 70 | 68 | 44 | 64 | 77 | 54 | 92 | 86 | 8 |
| 9 | 63 | 81 | 62 | 99 | 69 | 68 | 48 | 63 | 64 | 65 | 89 | 65 | 9 |
| 10 | 66 | 46 | 66 | 77 | 63 | 88 | 69 | 58 | 62 | 64 | 68 | 91 | 10 |
| 11 | 60 | 57 | 67 | 94 | 55 | 71 | 60 | 43 | 70 | 68 | 59 | 74 | 11 |
| 12 | 54 | 51 | 66 | 96 | 66 | 84 | 54 | 67 | 71 | 70 | 67 | 62 | 12 |
| 13 | 56 | 69 | 66 | 69 | 68 | 62 | 44 | 70 | 64 | 44 | 62 | 72 | 13 |
| 14 | 60 | 73 | 66 | 58 | 89 | 71 | 42 | 66 | 78 | 63 | 66 | 70 | 14 |
| 15 | 63 | 81 | 65 | 64 | 60 | 89 | 60 | 66 | 57 | 74 | 72 | 83 | 15 |
| 16 | 63 | 66 | 62 | 64 | 70 | 61 | 47 | 67 | 64 | 77 | 69 | 64 | 16 |
| 17 | 65 | 57 | 74 | 65 | 62 | 70 | 64 | 62 | 81 | 68 | 73 | 84 | 17 |
| 18 | 50 | 52 | 65 | 74 | 74 | 81 | 63 | 70 | 80 | 60 | 69 | 65 | 18 |
| 19 | 74 | 39 | 73 | 74 | 71 | 88 | 66 | 86 | 85 | 70 | 86 | 62 | 19 |
| 20 | 69 | 54 | 52 | 70 | 74 | 76 | 78 | 70 | 97 | 78 | 61 | 67 | 20 |
| 21 | 77 | 58 | 53 | 68 | 55 | 92 | 51 | 69 | 83 | 72 | 60 | 74 | 21 |
| 22 | 67 | 59 | 58 | 92 | 74 | 84 | 58 | 74 | 87 | 74 | 74 | 81 | 22 |
| 23 | 67 | 40 | 63 | 65 | 67 | 92 | 58 | 50 | 60 | 66 | 58 | 83 | 23 |
| 24 | 70 | 61 | 84 | 69 | 69 | 70 | 56 | 64 | 76 |  | 78 | 64 | 24 |
| 25 | 78 | 60 | 59 | 63 | 61 |  | 67 | 69 | 71 | 73 | 70 |  | 25 |
| 26 | 58 | 61 | 54 | 81 | 77 | 80 | 64 | 67 | 67 | 74 | 75 | 70 | 26 |
| 27 | 74 | 59 | 78 | 55 | 62 | 83 | 73 | 85 | 70 | 60 | 58 | 72 | 27 |
| 28 | 72 | 63 | 71 | 81 | 78 | 62 | 84 | 71 | 74 | 60 | 88 | 81 | 28 |
| 29 | 69 |  | 79 | 62 | 78 | 61 | 81 | 76 | 54 | 59 | 82 | 81 | 29 |
| 30 | 70 |  | 59 | 70 | 94 | 72 | 71 | 62 | 71 | 71 | 60 | 64 | 30 |
| 31 | 55 |  | 85 |  | 60 |  | 70 | 89 |  | 64 |  | 81 | 31 |
| Average | 65 | 60 | 66 | 73 | 70 | 75 | 60 | 68 | 69 | 69 | 71 | 73 |  |

Annual Total ( )

CAUCA ___ RIVER. IN THE BASIN OF __CAUCA__    ELEVATION ____1,730____ UNIT ____%____ YEAR ___1974___

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep. | Oct. | Nov. | Dec | DATE |
|------|------|------|------|------|-----|-----|------|------|------|------|------|-----|------|
| 1 |    | 63 | 60 | 96 | 58 | 92 | 61 | 77 | 64 | 92 | 59 |    | 1 |
| 2 | 70 | 72 | 70 | 80 | 73 | 70 | 51 | 60 | 57 | 77 | 59 | 66 | 2 |
| 3 | 70 | 73 | 64 | 62 | 92 | 70 | 52 | 48 | 55 | 83 | 44 | 66 | 3 |
| 4 | 69 | 63 | 58 | 55 | 77 | 61 | 59 | 58 | 47 | 62 | 61 | 55 | 4 |
| 5 | 70 | 73 | 72 | 56 | 67 | 60 | 47 | 60 | 52 | 49 | 66 | 68 | 5 |
| 6 | 62 | 70 | 62 | 64 | 57 | 65 | 50 | 72 | 47 | 68 | 51 | 62 | 6 |
| 7 | 76 | 71 | 61 | 66 | 70 | 54 | 57 | 70 | 43 | 76 | 76 | 72 | 7 |
| 8 | 67 | 69 | 65 | 65 | 69 | 78 | 50 | 65 | 52 | 63 | 61 | 63 | 8 |
| 9 | 64 | 85 | 77 | 71 | 66 | 54 | 47 | 77 | 46 | 55 | 76 | 71 | 9 |
| 10 | 56 | 88 | 61 | 74 | 58 | 70 | 52 | 53 | 43 | 74 | 67 | 71 | 10 |
| 11 | 66 | 65 | 60 | 62 | 60 | 90 | 55 | 61 | 43 | 41 | 62 | 73 | 11 |
| 12 | 64 | 69 | 67 |    | 64 | 81 | 64 | 63 | 61 | 55 | 66 | 67 | 12 |
| 13 | 73 | 63 | 67 | 69 | 44 | 65 | 65 | 75 | 86 | 53 | 60 | 67 | 13 |
| 14 | 80 | 84 | 58 | 71 | 64 | 56 | 69 | 49 | 70 | 71 | 74 | 68 | 14 |
| 15 | 77 | 65 | 65 | 63 | 63 | 50 | 62 | 38 | 60 | 77 | 78 | 81 | 15 |
| 16 | 62 | 78 | 89 | 74 | 73 | 66 | 65 | 41 |    | 61 | 78 | 62 | 16 |
| 17 | 66 | 78 | 52 | 55 | 67 | 69 | 57 | 44 | 62 | 78 | 79 | 75 | 17 |
| 18 | 80 | 73 | 55 |    | 45 | 73 | 64 | 41 | 70 | 65 | 68 | 71 | 18 |
| 19 | 87 | 70 | 80 | 31 | 58 | 61 | 77 | 33 | 68 | 64 | 69 | 66 | 19 |
| 20 | 61 | 72 | 52 | 44 | 59 | 74 | 72 | 38 | 73 | 51 | 67 | 69 | 20 |
| 21 | 71 | 65 | 70 | 60 | 75 | 85 | 66 | 47 | 58 | 59 | 53 | 52 | 21 |
| 22 | 76 | 57 | 80 | 53 | 73 | 83 | 68 | 47 | 59 | 59 | 84 | 67 | 22 |
| 23 | 66 | 63 | 65 | 71 | 80 | 67 | 53 | 47 |    | 70 | 74 | 53 | 23 |
| 24 | 60 | 59 | 79 | 57 | 80 | 68 | 48 | 39 |    | 63 | 72 | 40 | 24 |
| 25 | 70 | 53 | 55 | 83 | 80 | 68 | 49 | 46 |    | 56 | 91 | 56 | 25 |
| 26 | 70 | 61 | 55 | 69 | 82 | 53 | 39 | 62 |    | 50 | 69 | 56 | 26 |
| 27 | 70 | 67 | 46 | 67 | 60 | 60 | 41 | 62 |    | 76 | 71 | 63 | 27 |
| 28 | 60 | 53 | 39 | 64 | 39 | 71 | 52 | 64 | 77 |    | 76 | 67 | 28 |
| 29 | 61 |    | 39 | 58 | 67 | 63 | 53 | 66 | 59 | 63 | 75 | 80 | 29 |
| 30 | 68 |    | 56 | 66 | 63 | 61 | 44 | 69 | 64 | 52 | 84 | 96 | 30 |
| 31 | 70 |    | 51 |    | 56 |    | 43 | 64 |    | 58 |    | 76 | 31 |
| Average | 69 | 69 | 62 | 64 | 65 | 68 | 56 | 56 | 59 | 64 | 69 |    | |

Annual Total (      )

---

CAUCA ___ RIVER. IN THE BASIN OF __CAUCA__    ELEVATION ____1,730____ UNIT ____%____ YEAR ___1975___

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|
| 1 |    | 68 | 65 | 67 | 61 | 92 | 76 | 54 | 59 | 55 | 65 | 68 | 1 |
| 2 | 75 |    | 74 | 76 | 87 | 64 |    | 51 | 67 | 44 | 83 | 66 | 2 |
| 3 | 65 | 70 | 71 | 59 | 58 | 65 | 74 | 43 | 49 | 57 | 66 | 61 | 3 |
| 4 | 76 | 57 | 84 | 70 | 64 | 77 | 68 | 53 | 45 | 71 | 61 | 61 | 4 |
| 5 | 70 | 55 | 58 | 55 | 72 | 76 | 72 | 54 | 53 | 68 | 73 | 81 | 5 |
| 6 | 59 | 66 | 59 | 70 | 64 | 69 | 72 | 66 | 59 | 71 | 79 | 79 | 6 |
| 7 | 68 | 73 | 67 | 51 | 94 | 66 | 95 | 49 | 64 | 59 | 79 | 65 | 7 |
| 8 | 75 | 69 | 60 | 68 | 70 | 62 | 69 | 54 | 71 | 73 | 83 | 76 | 8 |
| 9 | 64 | 65 | 66 | 68 | 74 | 63 | 75 | 47 | 66 | 65 | 81 | 88 | 9 |
| 10 | 73 | 57 | 60 | 52 | 70 | 42 | 64 | 51 | 62 | 70 | 59 | 63 | 10 |
| 11 | 60 | 81 | 58 | 64 | 55 | 42 | 72 |    | 71 | 73 | 59 | 53 | 11 |
| 12 | 63 | 56 | 57 | 64 | 80 | 50 | 66 | 60 | 67 | 64 | 79 | 64 | 12 |
| 13 | 67 | 57 | 68 | 56 | 72 | 42 | 70 | 73 | 70 | 78 | 65 | 54 | 13 |
| 14 | 72 | 55 | 74 | 64 | 70 | 39 | 85 | 54 | 59 | 73 | 77 | 68 | 14 |
| 15 | 82 | 64 | 68 | 61 | 83 | 52 | 67 | 53 | 65 | 72 | 64 | 69 | 15 |
| 16 | 75 | 60 | 67 | 62 | 78 | 56 | 64 | 44 | 70 | 79 | 71 | 71 | 16 |
| 17 | 59 | 69 | 88 | 61 | 82 | 56 | 64 | 49 | 57 | 67 | 74 | 71 | 17 |
| 18 | 64 | 79 | 64 | 71 | 70 | 52 | 79 | 46 | 64 | 56 | 78 | 70 | 18 |
| 19 | 57 | 73 | 63 | 80 | 69 | 56 | 52 |    | 55 | 55 | 81 | 71 | 19 |
| 20 | 64 | 59 | 70 | 61 | 68 | 74 | 48 |    | 77 | 65 | 70 | 60 | 20 |
| 21 | 67 | 91 | 55 | 57 | 59 | 59 | 35 |    | 78 | 69 | 74 | 92 | 21 |
| 22 | 71 | 65 | 58 | 60 | 89 | 68 | 40 |    | 62 | 63 | 72 | 58 | 22 |
| 23 | 70 | 68 | 62 | 49 | 68 | 61 | 54 | 64 | 85 | 58 | 59 | 69 | 23 |
| 24 | 74 | 72 | 64 | 72 | 78 | 58 | 60 | 62 | 60 | 66 | 57 | 60 | 24 |
| 25 | 62 | 66 | 65 | 66 | 68 | 60 | 79 | 63 | 86 | 57 | 61 | 68 | 25 |
| 26 | 70 | 74 | 63 | 83 |    | 52 | 43 |    | 62 | 61 | 66 | 85 | 26 |
| 27 | 60 | 73 | 58 | 61 | 65 | 75 | 70 | 78 | 59 | 78 | 66 | 87 | 27 |
| 28 | 45 | 75 |    | 69 | 71 | 78 | 57 | 69 | 49 | 55 | 63 | 58 | 28 |
| 29 | 52 |    | 66 |    | 78 | 70 | 43 | 58 | 58 | 67 | 71 | 63 | 29 |
| 30 | 73 |    | 58 | 64 | 81 | 76 | 47 | 76 | 52 | 50 | 78 | 59 | 30 |
| 31 | 58 |    | 70 |    | 81 |    | 61 | 68 |    | 61 |    | 68 | 31 |
| Average | 66 | 67 | 65 | 64 | 73 | 62 | 64 | 58 | 63 | 65 | 70 | 69 | |

Annual Total (      )

Humidity (At 13. o'clock)  STATION Popayan (MACHANGARA)
CAUCA RIVER, IN THE BASIN OF CAUCA  ELEVATION 1,730 UNIT %  YEAR 1976

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 48 | 67 | 59 | 76 | 57 | 48 | 46 | 41 | 39 | 61 | | 1 |
| 2 | 60 | 58 | 57 | 66 | 89 | 66 | 38 | 62 | 29 | 55 | 61 | | 2 |
| 3 | 66 | 61 | 65 | 55 | 70 | 69 | 35 | 35 | 31 | 56 | 81 | | 3 |
| 4 | 64 | 60 | 58 | 57 | 65 | 61 | 46 | 35 | 37 | 52 | 68 | | 4 |
| 5 | 60 | 56 | 53 | 56 | 74 | 49 | 48 | 31 | 57 | 60 | 80 | | 5 |
| 6 | 67 | 72 | 69 | 61 | 72 | 49 | 54 | 36 | 46 | 78 | 74 | | 6 |
| 7 | 63 | 64 | 65 | 75 | 86 | 62 | 28 | 46 | 41 | 64 | 68 | | 7 |
| 8 | 63 | 66 | 56 | 60 | 58 | 65 | 49 | 39 | 36 | 63 | 69 | | 8 |
| 9 | 63 | 60 | 55 | 71 | 64 | 70 | 42 | 44 | 33 | 46 | 74 | | 9 |
| 10 | 62 | 61 | 63 | 58 | 52 | 55 | 52 | 40 | 30 | 39 | 69 | | 10 |
| 11 | 55 | 66 | 68 | 79 | 51 | 66 | 67 | 41 | 31 | 60 | 74 | | 11 |
| 12 | 61 | 53 | 69 | 70 | 44 | 60 | 38 | 39 | 30 | 58 | 66 | | 12 |
| 13 | 60 | 60 | 69 | 73 | 57 | 81 | 47 | 41 | 34 | 59 | 60 | | 13 |
| 14 | 61 | 61 | 77 | 82 | 66 | 69 | 36 | 36 | 37 | 67 | 59 | | 14 |
| 15 | 67 | 48 | 57 | 78 | 60 | 51 | 38 | 43 | 34 | 58 | 65 | | 15 |
| 16 | 71 | 66 | 66 | | 57 | 41 | 42 | 25 | 31 | 64 | 86 | | 16 |
| 17 | 73 | 52 | 71 | 77 | 74 | 48 | 38 | 48 | 31 | 66 | 69 | | 17 |
| 18 | 60 | 57 | 77 | 76 | 72 | 47 | 41 | 43 | 29 | 50 | 61 | | 18 |
| 19 | 69 | 66 | 77 | 62 | 75 | 66 | 41 | 52 | 41 | 55 | 57 | | 19 |
| 20 | 63 | 83 | 60 | 67 | 64 | 54 | 47 | 63 | 38 | 66 | 63 | | 20 |
| 21 | 72 | 72 | 62 | 64 | 72 | 42 | 40 | 31 | 40 | 48 | 75 | | 21 |
| 22 | 72 | 74 | 63 | 58 | 46 | 36 | 41 | 34 | 44 | 69 | 61 | | 22 |
| 23 | 67 | 76 | 74 | 66 | 68 | 52 | 39 | 37 | 46 | 61 | 40 | | 23 |
| 24 | 63 | 64 | 64 | 70 | 59 | 82 | 32 | 38 | 46 | 56 | 52 | | 24 |
| 25 | 49 | 62 | 79 | 64 | 73 | 57 | 37 | 44 | 69 | 66 | 66 | | 25 |
| 26 | 53 | 63 | 67 | 65 | 52 | 50 | 38 | 49 | 61 | 60 | 67 | | 26 |
| 27 | 56 | 64 | 84 | 87 | 64 | 59 | 30 | 51 | 63 | 62 | 60 | | 27 |
| 28 | 64 | 66 | 63 | 58 | 58 | 65 | 39 | 50 | 56 | 65 | 73 | | 28 |
| 29 | 60 | 55 | 78 | 87 | 67 | 72 | 31 | 35 | 46 | 72 | 82 | | 29 |
| 30 | 83 | | 62 | 65 | 70 | 39 | 30 | 35 | 38 | 53 | 62 | | 30 |
| 31 | 54 | | 64 | | 64 | | 43 | 36 | | 65 | | | 31 |
| Average | 63 | 63 | 66 | 68 | 65 | 58 | 41 | 41 | 41 | 59 | 67 | | |

Annual Total ( )

Humidity (At 13. o'clock)  STATION Popayan (MACHANGARA)
CAUCA RIVER, IN THE BASIN OF CAUCA  ELEVATION 1,730 UNIT %  YEAR 1977

| DATE | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 59 | | | | | | | 63 | | 1 |
| 2 | | | | 54 | | | | | | | 53 | | 2 |
| 3 | | | | 66 | | | | | | | 56 | | 3 |
| 4 | | | | 62 | | | | | | | 78 | | 4 |
| 5 | | | | 66 | | | | | | | 60 | | 5 |
| 6 | | | | 51 | | | | | | 6 | 62 | | 6 |
| 7 | | | | 62 | | | | | | | 63 | | 7 |
| 8 | | | | 65 | | | | | | | 45 | | 8 |
| 9 | | | | 60 | | | | | | | 56 | | 9 |
| 10 | | | | 65 | | | | | | | 81 | | 10 |
| 11 | | | | 70 | | | | | | | 53 | | 11 |
| 12 | | | | 56 | | | | | | | 73 | | 12 |
| 13 | | | | 64 | | | | | | | 62 | | 13 |
| 14 | | | | 64 | | | | | | | 50 | | 14 |
| 15 | | | | 53 | | | | | | | 54 | | 15 |
| 16 | | | | 54 | | | | | | | 67 | | 16 |
| 17 | | | | 65 | | | | | | | 67 | | 17 |
| 18 | | | | 67 | | | | | | | 58 | | 18 |
| 19 | | | | 57 | | | | | | | 56 | | 19 |
| 20 | | | | | | | | | | | 59 | | 20 |
| 21 | | | | 78 | | | | | | | 57 | | 21 |
| 22 | | | | 66 | | | | | | | 55 | | 22 |
| 23 | | | | 89 | | | | | | | 70 | | 23 |
| 24 | | | | 62 | | | | | | | 64 | | 24 |
| 25 | | | | 63 | | | | | | | 71 | | 25 |
| 26 | | | | 64 | | | | | | | 68 | | 26 |
| 27 | | | | 63 | | | | | | | 66 | | 27 |
| 28 | | | | 63 | | | | | | | 61 | | 28 |
| 29 | | | | 55 | | | | | | | 60 | | 29 |
| 30 | | | | 59 | | | | | | | 44 | | 30 |
| 31 | | | | | | | | | | | | | 31 |
| Average | | | | 63 | | | | | | | 61 | | |

Annual Total ( )

V - 158

# V - 9    Mass Curve of Julumito Reservoir
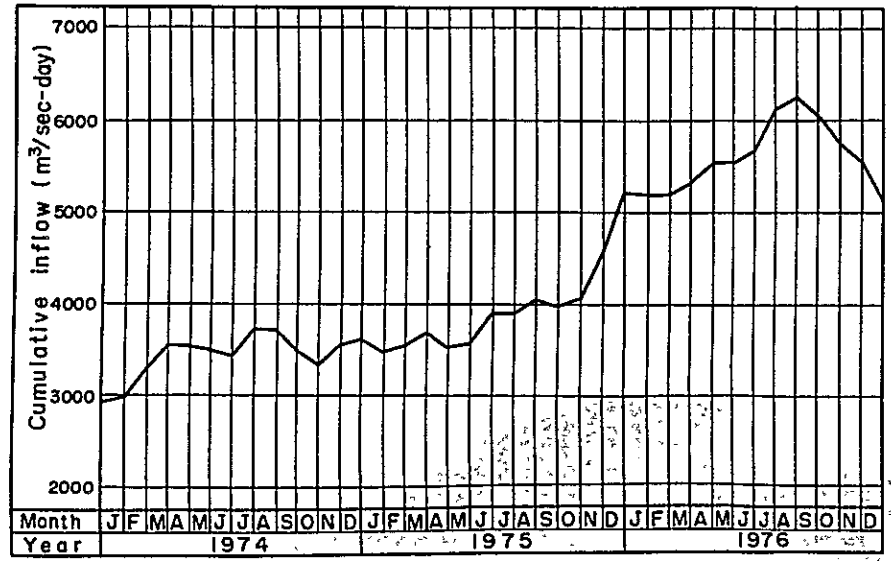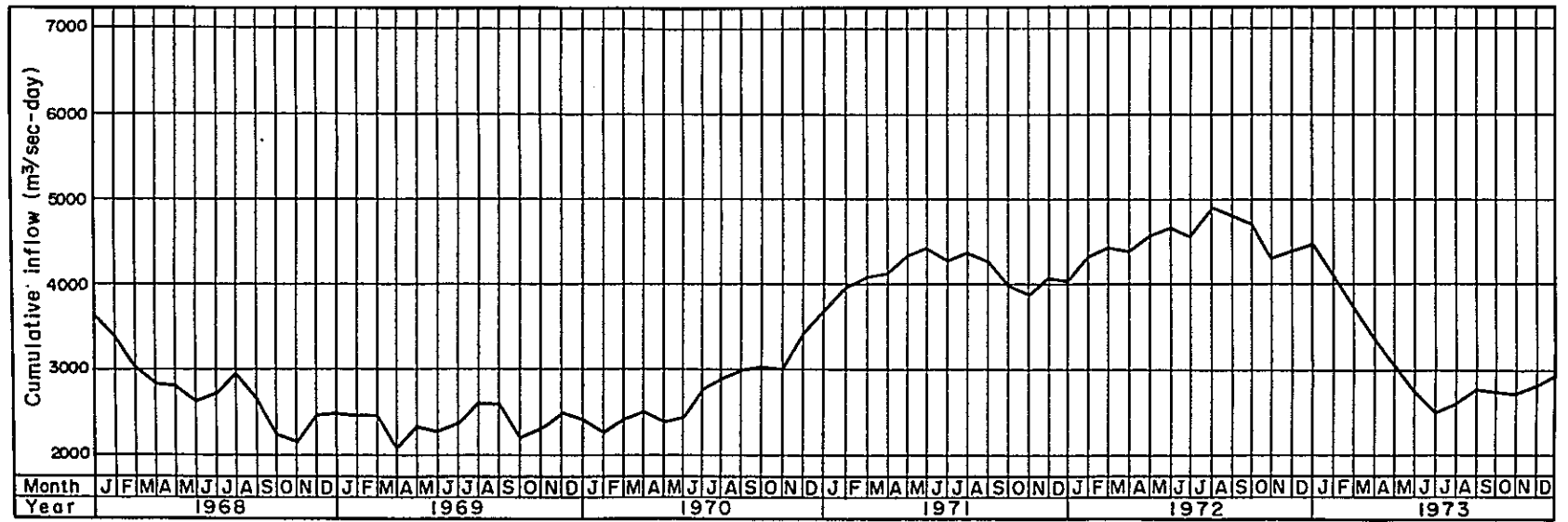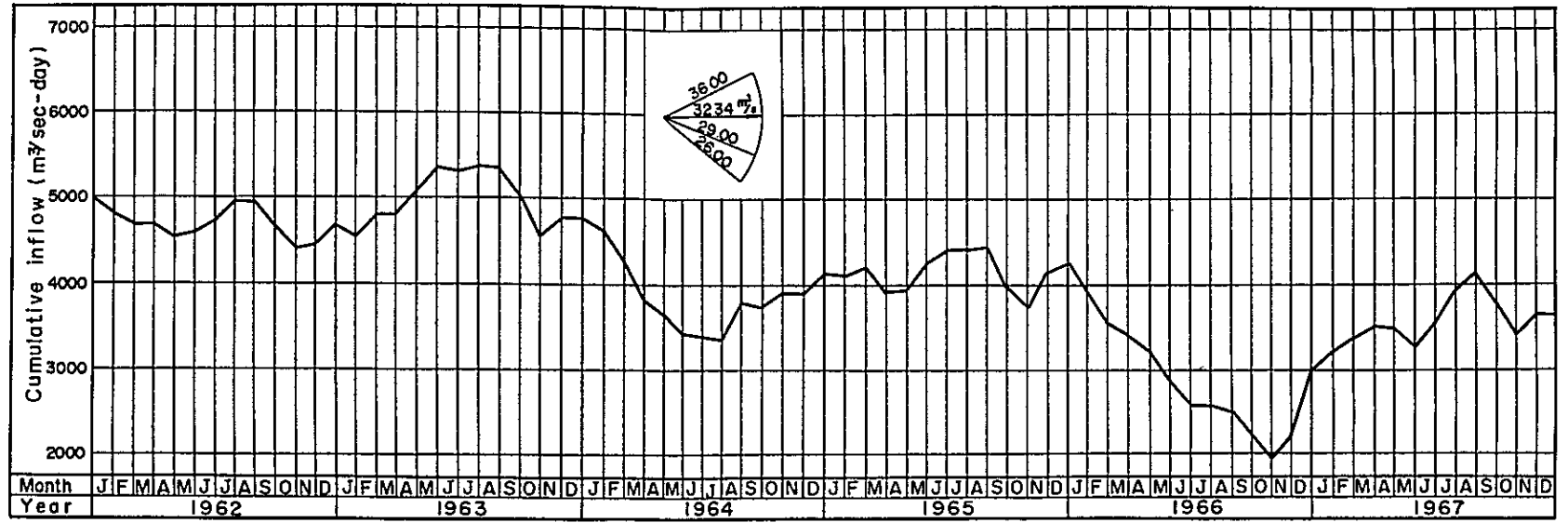
# APPENDIX—VI

# HYDROLOGICAL ANALYSIS BY TANK
# MODEL METHOD

## CONTENTS

# FIGURE LIST

# TABLE LIST

# APPENDIX VI    HYDROLOGICAL ANALYSIS BY TANK MODEL METHOD

## VI - 1    Hydrological Analysis

In the examination of the Julumito Hydro-electric Power Project, a hydrological analysis was made using the Tank Model Method, in order to supplement the run-off data of Julumito Gauging Station provided on the Rio Cauca.

## VI - 2    Precipitation Observation Station

The locations of precipitation and run-off observation stations in the project area are indicated in Fig. VI-1. In carrying out this examination, as the precipitation observation station representing the Rio Cauca catchment basin, Coconuco Precipitation Observation Station, which has good correlations with precipitations of other stations in the same catchment area, was adopted.

Table VI-1    Coefficient of Correlation of Precipitation Station

| Precipitation Station | Precipitation Station | Coefficient of Correlation |
|---|---|---|
| Coconuco | Popayan (Universidad) | 0.720 |
| | Popayan (Electraguas) | 0.728 |
| | Popayan (Machangara) | 0.745 |
| | Purace | 0.800 |
| Popayan (Universidad) | Popayan (Electraguas) | 0.907 |
| | Florida | 0.871 |
| Popayan (Electraguas) | Florida | 0.885 |
| Florida | Purace | 0.768 |

(Note)   Coefficient of correlation in calculated according to the equation below.

$$r = \frac{\epsilon \cdot x \cdot y - \bar{x} \cdot \epsilon \cdot y}{\sqrt{(\epsilon \cdot x^2 - \bar{x} \cdot \epsilon \cdot x)(\epsilon \cdot y^2 - \bar{y} \cdot \epsilon \cdot y)}}$$

where,    r :  coefficient of correlation

x,y :  precipitations at simultaneous time in two observation stations (mm)

Fig. VI-1　　Location Map of Run-off and Meteorological Gauging Station



VI - 2
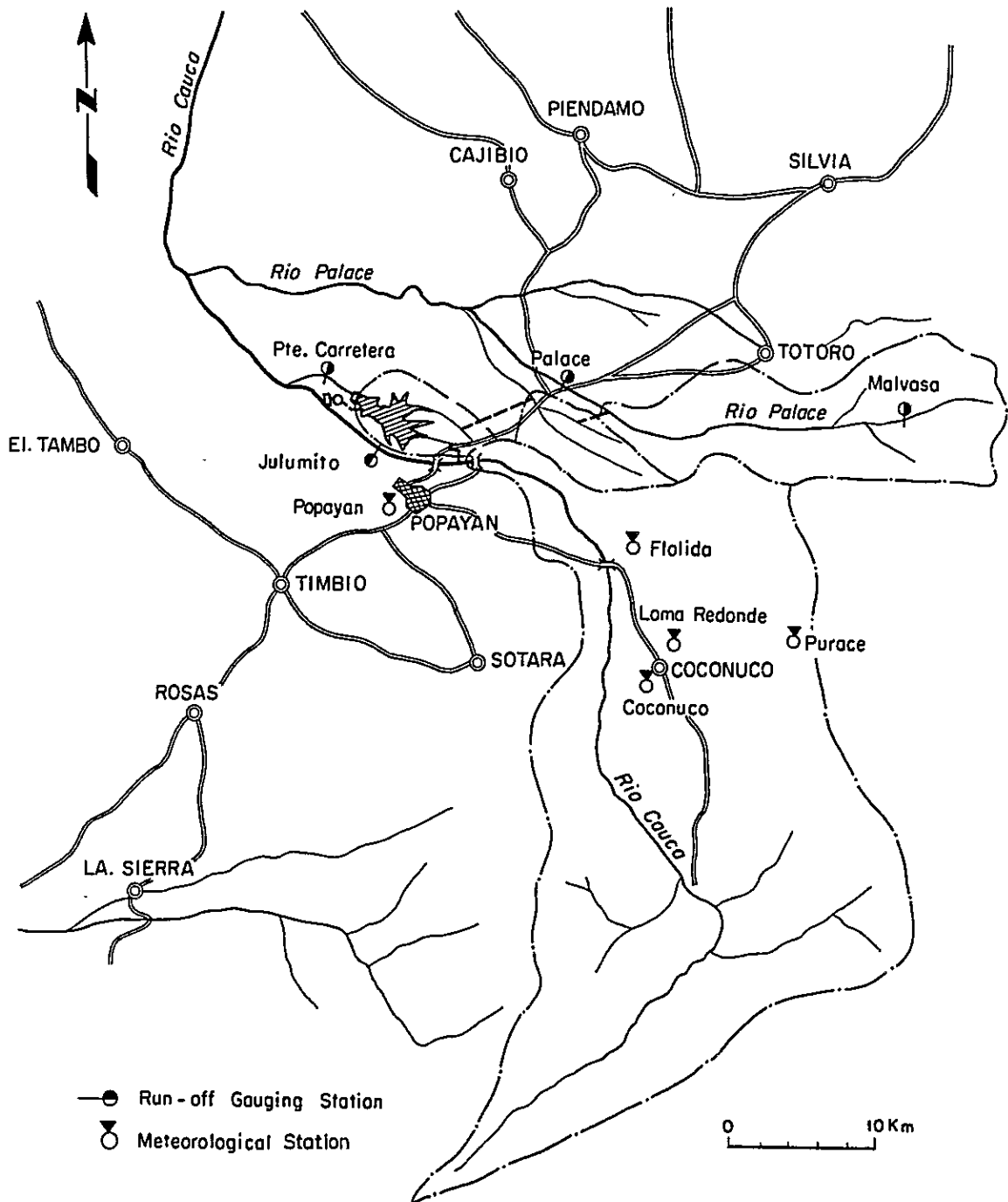
## VI - 3    Method of Analysis

As calculation methods for low water level discharge, there are the hydrograph analyses by the Storage Functions Method and the Tank Model Method. The Tank Model Method, which is generally used for low water level discharge calculations, will be used.

The periods requiring to supplement run-off data of Julumito Gauging Station are the 2 years 4 months from January 1962 to April 1964, and each days on which run-off records were missing up from April 1964 to December 1976.

In order to supplement the run-off data of Julumito Run-off Gauging Station by the Tank Model Method, verification for this analysis is done using the daily observation records of Julumito Run-off Gauging Station and Coconuco Precipitation Observation Station from April 1964 to December 1976.

Upon confirming the appropriateness of this analysis by the verification, the supplementations are made by this analysis.


## VI - 4    Tank Model Method

The basic idea of the Tank Model Method is explained below with the simple model shown in Fig. VI-2.

When water is introduced into a tank, the water level in the tank successively rises. However, a hole is provided at the bottom of the tank so that the stored water successively flows out. This relation is similar to that of rainfall and discharge in nature. The Tank Model Method utilizes this relationship.

In the Tank Model Method it is assumed that, the discharge (q) from a tank is proportional to the storage height above the hole in the tank (depth of water h). In effect, the relation between the two is expressed by the following equation:

$$q(t) = \alpha \cdot h(t)$$

where

h : storage height in tank (depth)

$\alpha$ : run-off coefficient of hole

However, rainfall loss and delayed run-off cannot be expressed with (A). In order to express rainfall loss, the model of (B) with the outlet hole provided at the side at a height he from the bottom is considered.
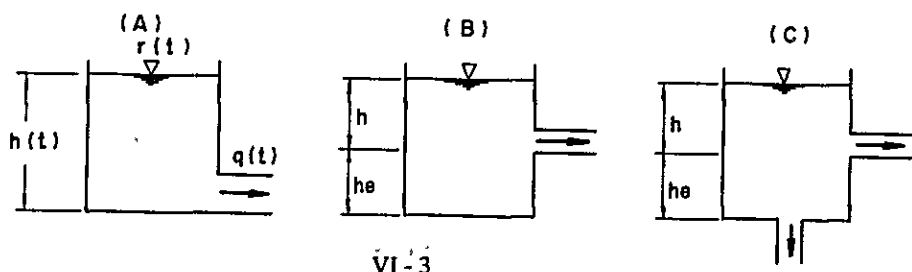
In this case, when there is no rainfall for some while and the tank is empty, and when there is rainfall less than the amount to reach he, the water level in the tank will not rise to the discharge outlet so that discharge will not occur. The rainfall loss is expressed as above and he indicates the limit rainfall loss. This model may be acceptable for the first rainfall, but it cannot express the losses of the second and subsequent rainfalls, so that it is necessary to consider a model (C) with a hole (infiltration hole) provided at the bottom. The discharge from the infiltration hole corresponds to the quantity of underground seepage water, which is important in the calculation of the low water level discharge. When such tanks are connected in a series, it will be possible to express time lag.

When discharge calculations are made by the Tank Model Method, a number of tanks each having a plural number of outlet holes and one infiltration hole is arranged in a series of several stages in general.

As a result of repeated investigation, calculations by this analysis were made using a three-stage series of tank models indicated as (D).
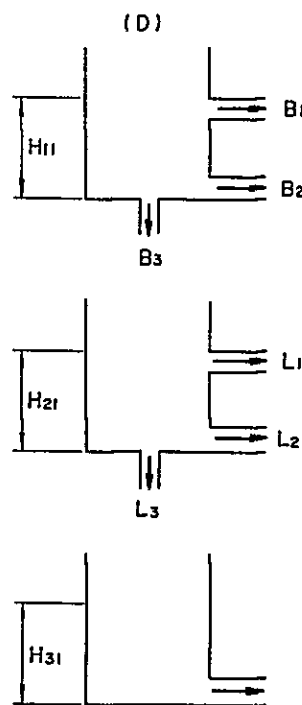


## VI - 5    Calculation Results

Based on the initial values, numerous trial calculations were made varying multipliers, hole heights and initial storage heights of the various tanks.

The results of the calculations are as shown in Table VI-2 and Fig. VI-2.

Table VI-2 Comparison between Actual Run-off and Estimated Run-off

| Month / Year | Jan. Actual | Jan. Estimated | Jan. Deduction | Jan. Ratio | Feb. Actual | Feb. Estimated | Feb. Deduction | Feb. Ratio | Mar. Actual | Mar. Estimated | Mar. Deduction | Mar. Ratio | Apr. Actual | Apr. Estimated | Apr. Deduction | Apr. Ratio | May Actual | May Estimated | May Deduction | May Ratio | Jun. Actual | Jun. Estimated | Jun. Deduction | Jun. Ratio | Jul. Actual | Jul. Estimated | Jul. Deduction | Jul. Ratio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1962 | 701.6 | 427.2 | 274.4 | 0.61 | 675.1 | 328.7 | 346.4 | 0.49 | 810.9 | 482.7 | 328.2 | 0.60 | 639.9 | 314.3 | 325.6 | 0.49 | 820.5 | 470.3 | 350.2 | 0.57 | 871.7 | 534.9 | 336.8 | 0.61 | 879.3 | 450.2 | 429.1 | 0.51 |
| 63 | 716.6 | 672.0 | 44.6 | 0.94 | 972.3 | 594.2 | 378.1 | 0.61 | 840.0 | 736.5 | 103.5 | 0.89 | 1,074.5 | 605.9 | 468.6 | 0.57 | 1,167.9 | 595.5 | 572.4 | 0.51 | 713.5 | 533.3 | 180.2 | 0.74 | 943.1 | 543.4 | 399.7 | 0.58 |
| 64 | 743.8 | 366.7 | 377.1 | 0.49 | 546.0 | 323.9 | 222.1 | 0.59 | 483.0 | 350.6 | 132.4 | 0.73 | 615.5 | 412.2 | 203.3 | 0.67 | 594.7 | 347.9 | 246.8 | 0.59 | 673.1 | 430.5 | 242.6 | 0.64 | 705.9 | 536.8 | 160.1 | 0.76 |
| 65 | 734.7 | 308.9 | 425.8 | 0.42 | 876.4 | 256.6 | 619.8 | 0.29 | 562.0 | 286.6 | 275.4 | 0.51 | 803.9 | 286.6 | 517.3 | 0.36 | 1,091.7 | 377.2 | 714.5 | 0.35 | 859.8 | 280.6 | 579.2 | 0.33 | 778.9 | 437.2 | 341.7 | 0.56 |
| 66 | 549.7 | 316.4 | 233.3 | 0.58 | 435.1 | 263.6 | 171.5 | 0.61 | 742.5 | 487.6 | 254.9 | 0.66 | 667.7 | 343.9 | 323.8 | 0.52 | 554.3 | 359.3 | 195.5 | 0.65 | 583.0 | 355.4 | 227.6 | 0.61 | 764.7 | 451.9 | 312.3 | 0.59 |
| 67 | 997.9 | 1,013.2 | -15.3 | 1.02 | 915.1 | 744.6 | 170.5 | 0.81 | 965.9 | 627.0 | 338.9 | 0.65 | 710.9 | 824.1 | -113.2 | 1.16 | 621.5 | 678.9 | -57.4 | 1.09 | 993.2 | 617.8 | 375.4 | 0.62 | 1,211.2 | 610.2 | 601.0 | 0.50 |
| 68 | 616.9 | 778.5 | -161.6 | 1.26 | 442.7 | 913.2 | -470.5 | 2.06 | 656.3 | 861.3 | -205.0 | 1.31 | 700.4 | 712.1 | -11.7 | 1.02 | 552.1 | 912.3 | -360.2 | 1.65 | 739.3 | 783.2 | -43.9 | 1.16 | 1,018.1 | 803.3 | 214.8 | 0.78 |
| 69 | 825.8 | 682.2 | 143.6 | 0.83 | 780.8 | 562.4 | 218.4 | 0.72 | 535.1 | 562.7 | -27.6 | 1.05 | 1,209.8 | 1,035.3 | 174.5 | 0.86 | 727.0 | 829.0 | -102.0 | 1.14 | 844.6 | 746.6 | 98.0 | 0.88 | 991.3 | 684.6 | 306.7 | 0.69 |
| 70 | 724.5 | 614.8 | 109.7 | 0.85 | 955.3 | 723.0 | 232.3 | 0.76 | 1,027.3 | 754.7 | 272.6 | 0.73 | 615.7 | 590.1 | 25.1 | 0.96 | 914.9 | 650.0 | 264.9 | 0.71 | 1,287.8 | 637.4 | 650.4 | 0.50 | 1,006.5 | 694.3 | 312.2 | 0.69 |
| 71 | 1,229.3 | 962.5 | 266.8 | 0.78 | 890.3 | 899.9 | -9.6 | 1.01 | 827.7 | 1,017.7 | -190.0 | 1.23 | 1,102.6 | 978.9 | 123.7 | 0.81 | 896.5 | 888.3 | 8.2 | 0.99 | 693.8 | 742.6 | -48.8 | 1.07 | 1,119.5 | 791.1 | 328.4 | 0.71 |
| 72 | 1,091.4 | 818.3 | 273.1 | 0.75 | 833.6 | 1,063.7 | -230.1 | 1.28 | 801.2 | 845.7 | -44.5 | 1.06 | 1,061.5 | 972.9 | 88.6 | 0.92 | 877.5 | 893.6 | -16.1 | 1.02 | 869.3 | 831.7 | 37.6 | 0.96 | 1,430.6 | 789.5 | 641.1 | 0.55 |
| 73 | 554.4 | 639.9 | -85.5 | 1.15 | 436.9 | 616.3 | -179.4 | 1.41 | 491.4 | 616.7 | -125.3 | 1.25 | 489.7 | 685.9 | -196.2 | 1.40 | 581.7 | 757.7 | -176.0 | 1.30 | 580.9 | 730.8 | -149.9 | 1.26 | 915.5 | 851.7 | 63.8 | 0.93 |
| 74 | 911.2 | 943.0 | -31.8 | 1.03 | 1,159.1 | 1,016.4 | 142.7 | 0.88 | 1,282.5 | 1,276.6 | 5.9 | 1.00 | 724.1 | 964.9 | -240.8 | 1.33 | 850.9 | 916.8 | -65.9 | 1.08 | 678.9 | 737.6 | -58.7 | 1.09 | 1,343.1 | 785.6 | 557.5 | 0.58 |
| 75 | 726.0 | 752.2 | -26.2 | 1.04 | 834.3 | 892.8 | -58.5 | 1.07 | 962.9 | 892.9 | 70.0 | 0.93 | 647.2 | 722.5 | -25.3 | 1.12 | 827.9 | 790.2 | 37.7 | 0.95 | 1,097.6 | 750.9 | 346.7 | 0.68 | 825.6 | 958.5 | -132.9 | 1.16 |
| 76 | 803.7 | 868.4 | -64.7 | 1.08 | 794.6 | 846.4 | -51.8 | 1.07 | 1,112.8 | 909.7 | 203.1 | 0.82 | 1,120.0 | 947.3 | 172.7 | 0.85 | 917.2 | 922.5 | -5.3 | 0.99 | 1,009.0 | 788.2 | 220.8 | 0.78 | 1,794.0 | 769.3 | 1,024.7 | 0.43 |
| Total | 11,927.5 | 10,164.2 | | 0.85 | 11,547.6 | 10,045.7 | | 0.87 | 12,101.5 | 10,709.0 | | 0.88 | 12,182.9 | 10,396.9 | | 0.85 | 11,996.0 | 10,389.5 | | 0.87 | 12,495.5 | 9,501.5 | | 0.76 | 15,726.8 | 10,157.6 | | 0.65 |
| Average | 795.2 | 677.6 | | | 769.8 | 669.7 | | | 806.8 | 713.9 | | | 812.2 | 693.1 | | | 799.8 | 692.6 | | | 833.0 | 633.4 | | | 1,048.5 | 677.2 | | |

| Month / Year | Aug. Actual | Aug. Estimated | Aug. Deduction | Aug. Ratio | Sep. Actual | Sep. Estimated | Sep. Deduction | Sep. Ratio | Oct. Actual | Oct. Estimated | Oct. Deduction | Oct. Ratio | Nov. Actual | Nov. Estimated | Nov. Deduction | Nov. Ratio | Dec. Actual | Dec. Estimated | Dec. Deduction | Dec. Ratio | Total Actual | Total Estimated | Total Deduction | Total Ratio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1962 | 744.2 | 514.7 | 229.5 | 0.69 | 516.7 | 390.1 | 126.1 | 0.76 | 580.1 | 429.5 | 150.6 | 0.74 | 741.2 | 499.6 | 241.6 | 0.67 | 1,008.7 | 737.6 | 271.1 | 0.73 | 8,989.4 | 5,579.8 | 3,409.6 | 0.62 |
| 63 | 825.7 | 513.3 | 311.9 | 0.62 | 479.6 | 406.2 | 73.4 | 0.85 | 413.3 | 457.9 | -44.6 | 1.11 | 881.1 | 509.3 | 371.8 | 0.58 | 763.9 | 379.9 | 384.0 | 0.49 | 9,791.0 | 6,547.4 | 3,243.6 | 0.67 |
| 64 | 1,241.6 | 516.5 | 725.1 | 0.42 | 694.4 | 402.7 | 291.7 | 0.58 | 963.7 | 369.0 | 594.7 | 0.38 | 661.1 | 325.1 | 336.0 | 0.49 | 999.5 | 307.9 | 691.6 | 0.31 | 8,895.3 | 4,689.8 | 4,205.5 | 0.53 |
| 65 | 871.4 | 496.0 | 325.4 | 0.60 | 504.2 | 406.1 | 98.1 | 0.81 | 574.3 | 388.4 | 185.9 | 0.68 | 1,131.2 | 377.9 | 753.3 | 0.33 | 798.5 | 412.5 | 386.0 | 0.52 | 9,537.0 | 4,314.6 | 5,222.4 | 0.45 |
| 66 | 634.1 | 385.0 | 249.1 | 0.60 | 577.1 | 389.6 | 132.5 | 0.75 | 596.9 | 427.0 | 169.9 | 0.72 | 942.9 | 710.2 | 232.7 | 0.75 | 1,590.0 | 2,658.1 | -1,068.1 | 1.67 | 8,583.0 | 7,148.0 | 1,435.0 | 0.83 |
| 67 | 922.8 | 592.7 | 330.1 | 0.64 | 487.8 | 507.3 | -19.5 | 1.04 | 495.6 | 529.0 | -33.4 | 1.07 | 940.0 | 1,289.4 | -349.4 | 1.37 | 794.3 | 987.8 | -193.5 | 1.24 | 10,756.2 | 9,122.0 | 1,034.2 | 0.90 |
| 68 | 496.3 | 737.1 | -240.8 | 1.49 | 459.0 | 775.2 | -316.2 | 1.69 | 833.3 | 714.1 | 119.2 | 0.86 | 1,173.7 | 832.8 | 340.4 | 0.71 | 749.1 | 657.7 | 91.4 | 0.89 | 8,436.7 | 9,480.8 | -1,044.1 | 1.12 |
| 69 | 819.6 | 763.7 | 55.9 | 0.93 | 442.6 | 779.7 | -337.1 | 1.76 | 874.2 | 899.2 | -25.0 | 1.03 | 949.0 | 783.8 | 165.2 | 0.83 | 799.9 | 641.2 | 158.7 | 0.80 | 9,799.7 | 8,970.4 | 829.3 | 0.92 |
| 70 | 930.7 | 641.7 | 289.0 | 0.69 | 762.2 | 642.1 | 120.1 | 0.84 | 900.7 | 775.5 | 125.2 | 0.86 | 1,381.4 | 830.9 | 550.5 | 0.60 | 1,067.5 | 792.2 | 275.3 | 0.74 | 11,574.0 | 8,346.7 | 3,227.3 | 0.72 |
| 71 | 700.4 | 782.7 | -82.3 | 1.12 | 498.4 | 701.9 | -203.5 | 1.41 | 686.7 | 885.7 | -199.0 | 1.29 | 838.1 | 808.3 | 29.8 | 0.96 | 783.3 | 704.3 | 79.0 | 0.90 | 10,266.6 | 10,163.9 | 102.7 | 0.99 |
| 72 | 766.6 | 735.8 | 30.8 | 0.96 | 754.8 | 728.2 | 26.6 | 0.96 | 475.8 | 678.6 | -202.8 | 1.43 | 860.6 | 733.2 | 127.4 | 0.85 | 946.3 | 703.1 | 243.2 | 0.74 | 10,769.2 | 9,794.3 | 974.9 | 0.91 |
| 73 | 927.2 | 897.3 | 29.9 | 0.97 | 688.0 | 944.4 | -256.4 | 1.37 | 802.6 | 1,007.2 | -205.0 | 1.26 | 857.9 | 896.4 | -38.5 | 1.14 | 902.5 | 924.5 | -22.0 | 1.02 | 8,228.3 | 9,568.8 | -1,340.5 | 1.16 |
| 74 | 782.7 | 755.1 | 27.1 | 0.96 | 590.6 | 793.3 | -202.7 | 1.34 | 684.1 | 879.8 | -195.7 | 1.29 | 993.6 | 864.9 | 128.7 | 0.87 | 876.5 | 762.8 | 113.7 | 0.80 | 10,877.3 | 10,696.8 | 180.5 | 0.92 |
| 75 | 951.4 | 887.2 | 64.2 | 0.93 | 713.5 | 818.1 | -104.6 | 1.14 | 839.5 | 862.4 | -22.9 | 0.97 | 1,478.7 | 820.2 | 658.5 | 0.55 | 1,999.4 | 1,059.2 | 940.2 | 0.53 | 11,904.0 | 10,207.1 | 1,696.9 | 0.86 |
| 76 | 915.7 | 728.6 | 187.1 | 0.80 | 601.5 | 716.4 | -114.9 | 1.19 | 539.3 | 847.5 | -308.2 | 1.57 | 494.9 | 704.0 | -209.1 | 1.42 | 362.4 | 712.8 | -350.4 | 1.97 | 10,465.1 | 9,761.1 | 704.0 | 0.93 |
| Total | 12,479.9 | 9,947.4 | | 0.80 | 8,714.9 | 9,401.3 | | 1.08 | 10,859.1 | 10,150.3 | | 0.99 | 14,324.9 | 10,986.0 | | 0.77 | 14,441.8 | 12,441.6 | | 0.86 | 148,172.8 | 124,291.5 | | 0.84 |
| Average | 832.0 | 663.2 | | | 581.0 | 626.8 | | | 684.0 | 676.7 | | | 955.0 | 732.4 | | | 962.8 | 829.4 | | | 9,878.2 | 8,286.0 | | |

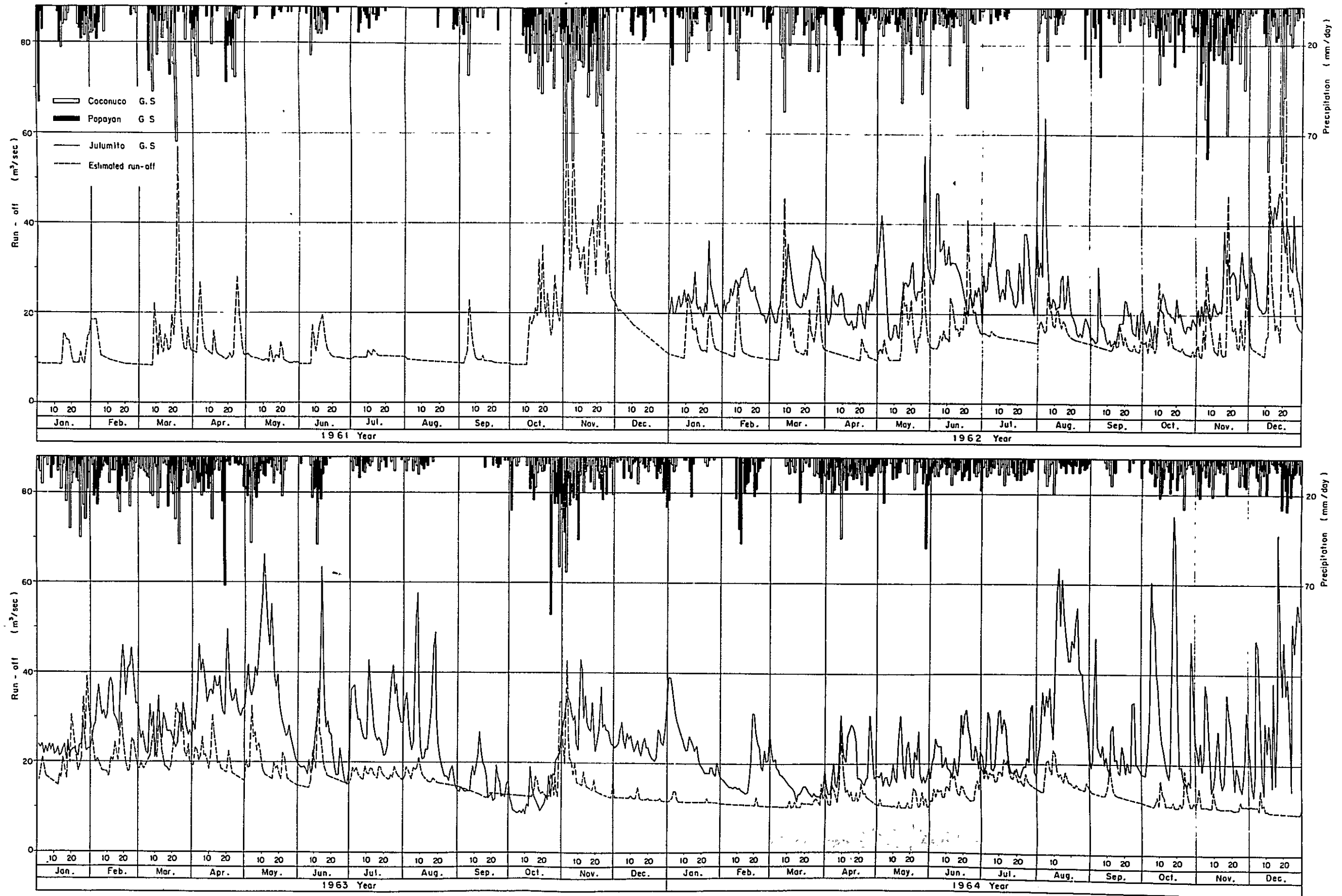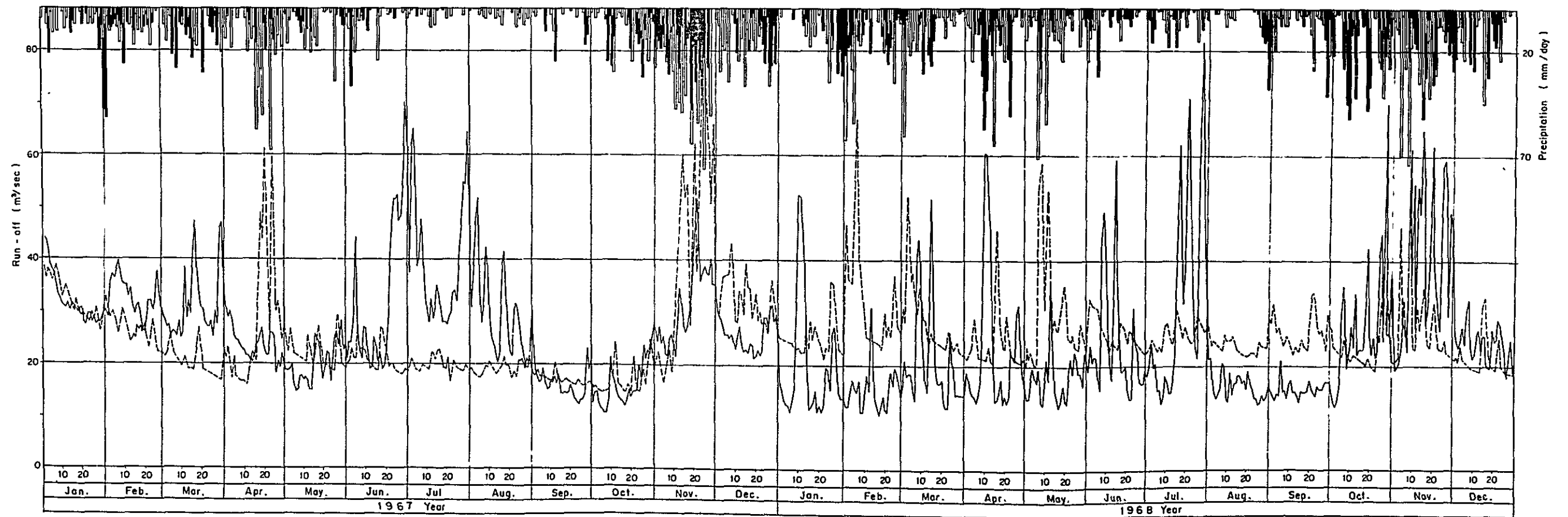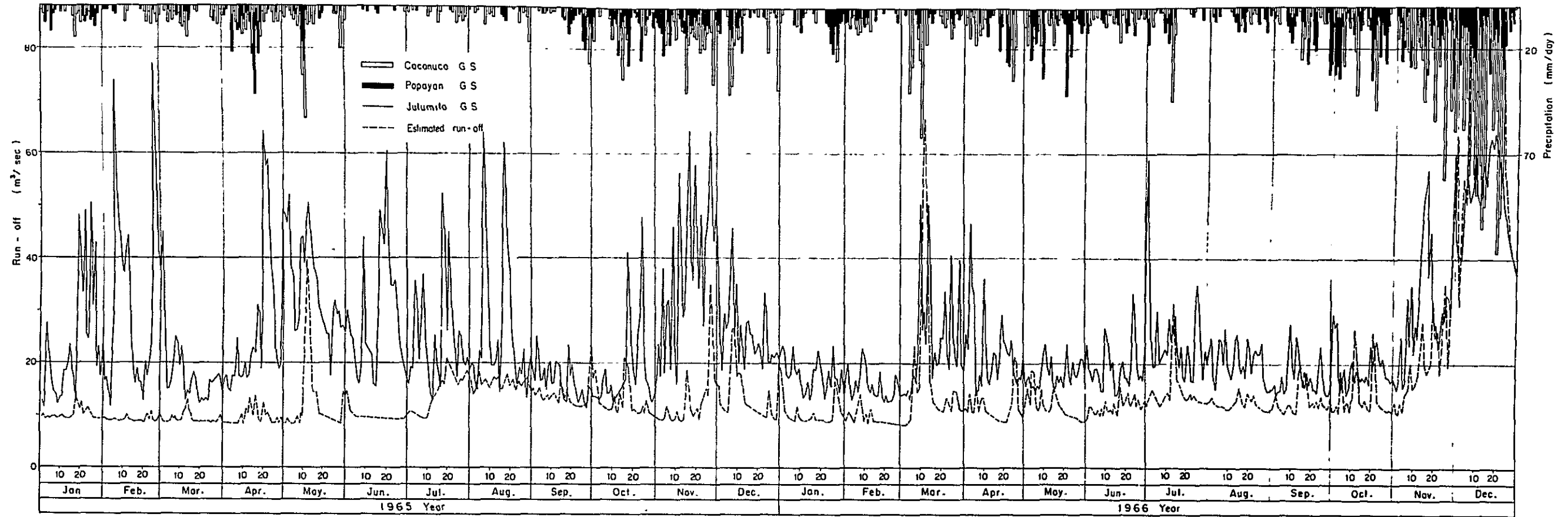Fig. VI - 2 (1)    Comparison between Actual Run-off and Estimated Run-off

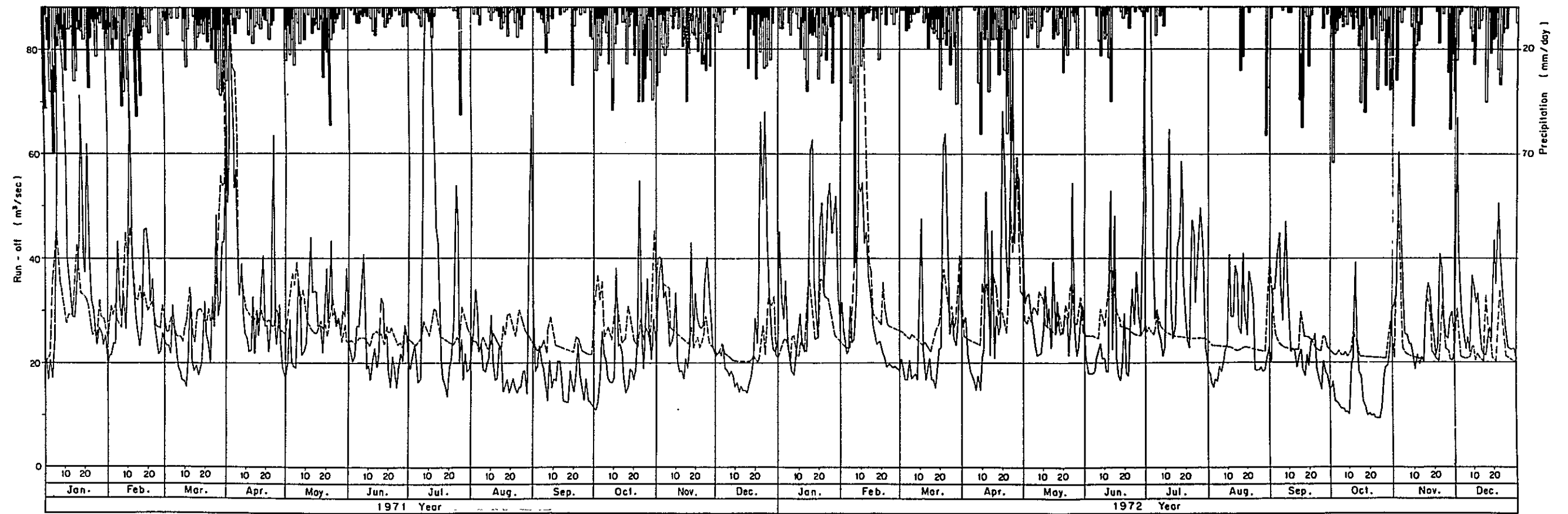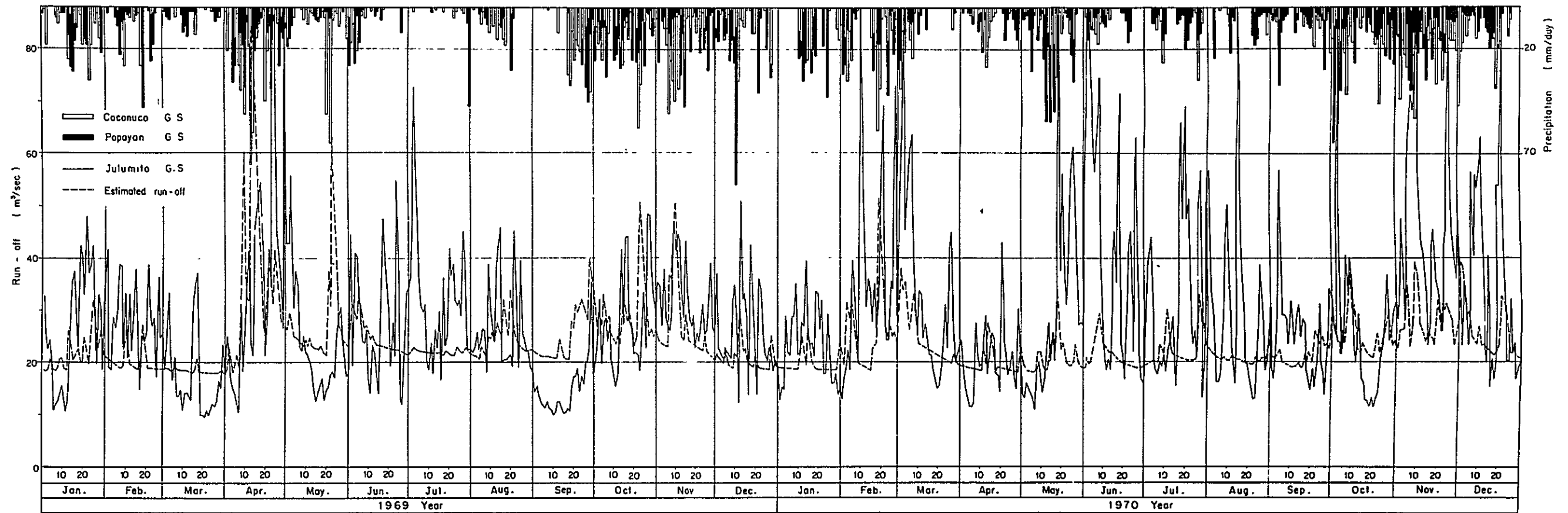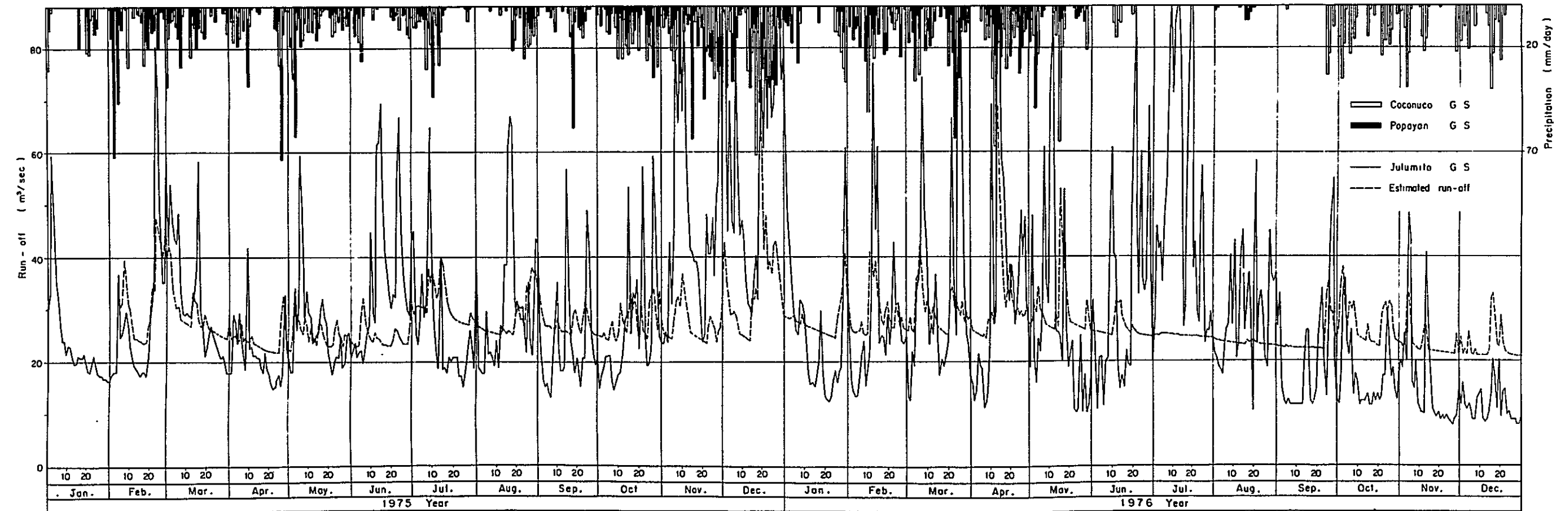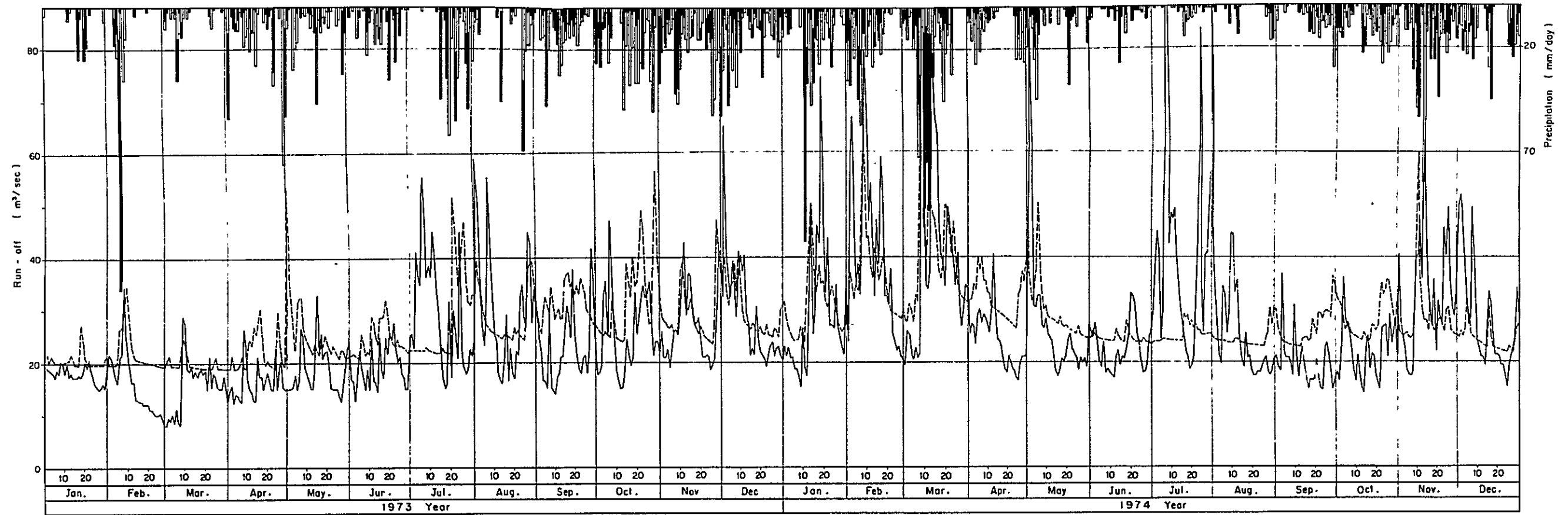Fig. VI - 2 (2)    Comparison between Actual Run-off and Estimated Run-off

Fig. VI - 2 (3)    Comparison between Actual Run-off and Estimated Run-off



VI-13

Fig. VI-2 (4)     Comparison between Actual Run-off and Estimated Run-off

Fig. 3.4.2.14    Scatter plot between Actual Run-off and F₁ mapped run-off