**CUENCAS VERTIENTES AL RÍO PARAGUAY – REGION ORIENTAL**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CUENCA** | **VARIABLE** | **SET** | **OCT** | **NOV** | **DIC** | **ENE** | **FEB** | **MAR** | **ABR** | **MAY** | **JUN** | **JUL** | **AGO** | **ANUAL** |
| **RÍO APA****4098 Km2** | PRECIPITACION CUENCA (mm) | 81.54 | 144.59 | 175.82 | 190.01 | 170.25 | 160.6 | 136.29 | 114.78 | 125.09 | 56.24 | 40.88 | 38.57 | 1434.64 |
| ETP CUENCA (mm) | 121.87 | 145.64 | 147.33 | 149.28 | 141.16 | 116.08 | 128.23 | 102.52 | 79.98 | 74.27 | 88.68 | 113.43 | 1408.46 |
| ETR CUENCA (mm) | 71.75 | 108.02 | 127.35 | 136.97 | 133.1 | 110.78 | 120.16 | 92.81 | 75.04 | 71.51 | 76.02 | 62.66 | 1186.18 |
| ESCORRENTIA (mm) | 7.67 | 17.57 | 28.2 | 37.22 | 32.25 | 27.96 | 25.29 | 18.88 | 27.63 | 10.81 | 8.73 | 8.35 | 250.57 |
| CAUDAL (m3/s) | 45.57 | 101.04 | 167.55 | 214.01 | 185.42 | 177.96 | 145.41 | 112.17 | 158.89 | 64.22 | 50.21 | 48.02 | 122.54 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 2.96 | 6.56 | 10.88 | 13.9 | 12.04 | 11.56 | 9.44 | 7.28 | 10.32 | 4.17 | 3.26 | 3.12 | 7.96 |
| APORTACION TOTAL (Hm3) | 118.11 | 270.63 | 434.29 | 573.21 | 496.62 | 430.53 | 389.46 | 290.75 | 425.57 | 166.47 | 134.48 | 128.61 | 3858.73 |
| **RÍO****AQUIDABAN****11.611 Km2** | PRECIPITACION CUENCA (mm) | 85.78 | 146.53 | 187.4 | 186.35 | 165.49 | 160.67 | 136.28 | 124.84 | 131.21 | 65.25 | 42.35 | 38.41 | 1470.54 |
| ETP CUENCA (mm) | 119.39 | 144.49 | 150.11 | 158.29 | 150.43 | 120.94 | 130.02 | 100.97 | 76.36 | 66.19 | 80.98 | 107.76 | 1405.92 |
| ETR CUENCA (mm) | 76.49 | 111.28 | 131 | 144.75 | 137.36 | 109.12 | 117.64 | 89.49 | 71 | 64.84 | 73.9 | 76.71 | 1203.58 |
| ESCORRENTIA (mm) | 8.18 | 18.58 | 35.42 | 35.84 | 31.58 | 29.11 | 24.33 | 23.52 | 32.37 | 12.58 | 9.36 | 8.23 | 269.11 |
| CAUDAL (m3/s) | 36.66 | 80.55 | 158.67 | 155.35 | 136.89 | 139.74 | 105.49 | 105.35 | 140.33 | 56.35 | 40.59 | 35.68 | 99.3 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 3.16 | 6.94 | 13.67 | 13.38 | 11.79 | 12.03 | 9.09 | 9.07 | 12.09 | 4.85 | 3.5 | 3.07 | 8.55 |
| APORTACION TOTAL (Hm3) | 95.01 | 215.73 | 411.27 | 416.09 | 366.66 | 338.05 | 282.54 | 273.06 | 375.85 | 146.06 | 108.7 | 95.55 | 3124.59 |
| **RÍO YPANE** **9.977 KM2** | PRECIPITACION CUENCA (mm) | 90.11 | 150.94 | 191.08 | 182.68 | 156.14 | 155.47 | 129.15 | 131.69 | 134.57 | 72.1 | 50.24 | 45.28 | 1489.43 |
| ETP CUENCA (mm) | 109.98 | 133.37 | 139.97 | 146.69 | 137.85 | 112.96 | 119.41 | 94.52 | 73 | 61.56 | 76.74 | 101.26 | 1307.3 |
| ETR CUENCA (mm) | 81.98 | 109.83 | 128.39 | 140.72 | 129.79 | 104.72 | 110.42 | 85.14 | 69.24 | 61.03 | 73.37 | 85.81 | 1180.45 |
| ESCORRENTIA (mm) | 11.85 | 23.44 | 42.06 | 38.57 | 33.12 | 30.65 | 25.21 | 30.53 | 38.34 | 16.82 | 11.67 | 9.65 | 311.91 |
| CAUDAL (m3/s) | 45.62 | 87.32 | 161.88 | 143.68 | 123.37 | 126.41 | 93.9 | 117.53 | 142.8 | 64.74 | 43.49 | 35.94 | 98.89 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 4.57 | 8.75 | 16.23 | 14.4 | 12.37 | 12.67 | 9.41 | 11.78 | 14.31 | 6.49 | 4.36 | 3.6 | 9.91 |
| APORTACION TOTAL (Hm3) | 118.24 | 233.87 | 419.6 | 384.84 | 330.42 | 305.81 | 251.49 | 304.64 | 382.47 | 167.81 | 116.47 | 96.27 | 3111.96 |
| **INTERCUENCA****ARROYO TAGATIYA****4.020 Km2** | PRECIPITACION CUENCA (mm) | 58.49 | 137.85 | 164.83 | 159.4 | 162.71 | 150.17 | 130.67 | 111.01 | 122.95 | 49.79 | 35.38 | 31.93 | 1315.17 |
| ETP CUENCA (mm) | 132.64 | 157.66 | 161.74 | 172.89 | 165.87 | 130.48 | 144.83 | 108.26 | 80.99 | 75.68 | 90.97 | 117.51 | 1539.51 |
| ETR CUENCA (mm) | 55.95 | 97.61 | 125.61 | 135.22 | 125.98 | 104.76 | 119.65 | 90.48 | 69.57 | 68.47 | 64.67 | 53.71 | 1111.7 |
| ESCORRENTIA (mm) | 5.39 | 16.04 | 25.1 | 25.61 | 29.28 | 23.15 | 19.73 | 15.59 | 24.87 | 7.31 | 6.78 | 6.07 | 204.91 |
| CAUDAL (m3/s) | 8.37 | 24.1 | 38.95 | 38.46 | 43.98 | 38.5 | 29.63 | 24.19 | 37.35 | 11.34 | 10.18 | 9.12 | 26.18 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 2.08 | 5.99 | 9.68 | 9.56 | 10.93 | 9.57 | 7.36 | 6.01 | 9.28 | 2.82 | 2.53 | 2.27 | 6.51 |
| APORTACION TOTAL (Hm3) | 21.68 | 64.54 | 100.97 | 103.02 | 117.8 | 93.15 | 79.36 | 62.7 | 100.03 | 29.4 | 27.27 | 24.43 | 824.36 |
| **INTERCUENCA Aº CABRAL CUE****3.250 Km2** | PRECIPITACION CUENCA (mm) | 71.02 | 126.88 | 174.17 | 162.64 | 147.1 | 143.27 | 123.67 | 126.16 | 124.19 | 58.93 | 42.77 | 33.54 | 1334.34 |
| ETP CUENCA (mm) | 116.81 | 142.2 | 149.14 | 164.55 | 154.87 | 124.16 | 129.3 | 98.29 | 73.22 | 59.1 | 73.85 | 101.66 | 1387.14 |
| ETR CUENCA (mm) | 70.15 | 100.96 | 120.92 | 138.67 | 121.58 | 98.11 | 106.67 | 79.56 | 66.21 | 57.47 | 67.37 | 73.73 | 1101.39 |
| ESCORRENTIA (mm) | 6.98 | 13.34 | 33.44 | 26.8 | 28.74 | 25.08 | 20.74 | 25.78 | 31.25 | 8.36 | 8.26 | 6.6 | 235.38 |
| CAUDAL (m3/s) | 8.76 | 16.19 | 41.93 | 32.52 | 34.87 | 33.7 | 25.17 | 32.32 | 37.92 | 10.49 | 10.03 | 8.01 | 24.32 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 2.69 | 4.98 | 12.9 | 10.01 | 10.73 | 10.37 | 7.74 | 9.95 | 11.67 | 3.23 | 3.09 | 2.47 | 7.48 |
| APORTACION TOTAL (Hm3) | 22.69 | 43.36 | 108.68 | 87.1 | 93.39 | 81.52 | 67.41 | 83.78 | 101.56 | 27.18 | 26.86 | 21.46 | 764.98 |

**CUENCAS VERTIENTES AL RÍO PARAGUAY – REGION ORIENTAL**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CUENCA** | **VARIABLE** | **SET** | **OCT** | **NOV** | **DIC** | **ENE** | **FEB** | **MAR** | **ABR** | **MAY** | **JUN** | **JUL** | **AGO** | **ANUAL** |
| **RÍO TEBICUARY****27.314 Km2** | PRECIPITACION CUENCA (mm) | 101.88 | 170.49 | 175.04 | 140.51 | 154.19 | 140.33 | 124.6 | 172.36 | 143.78 | 98.7 | 80.45 | 66.22 | 1568.52 |
| ETP CUENCA (mm) | 99.41 | 130.95 | 149.26 | 170.26 | 160.4 | 129.88 | 128.48 | 93.99 | 65.75 | 47.52 | 65.43 | 86.31 | 1327.64 |
| ETR CUENCA (mm) | 90.16 | 113.28 | 128.26 | 126.92 | 106.13 | 97.63 | 97.35 | 76.1 | 62.09 | 46.22 | 63.89 | 79.87 | 1087.91 |
| ESCORRENTIA (mm) | 26.25 | 44.67 | 53.01 | 39.84 | 41.19 | 37.11 | 33.75 | 52.58 | 54.45 | 39.56 | 35.39 | 26.77 | 484.57 |
| CAUDAL (m3/s) | 276.68 | 455.76 | 558.86 | 406.5 | 420.24 | 419.2 | 344.34 | 554.26 | 555.45 | 417.04 | 361.07 | 273.07 | 420.21 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 10.13 | 16.68 | 20.45 | 14.88 | 15.38 | 15.34 | 12.6 | 20.28 | 20.33 | 15.26 | 13.21 | 9.99 | 15.38 |
| APORTACION TOTAL (Hm3) | 717.16 | 1220.69 | 1448.57 | 1088.76 | 1125.57 | 1014.14 | 922.29 | 1436.63 | 1487.73 | 1080.98 | 967.09 | 731.4 | 13241 |
| **RÍO JEJUI****20.337 Km2** | PRECIPITACION CUENCA (mm) | 99.3 | 156.74 | 188.38 | 171.91 | 137.03 | 130.16 | 102.14 | 145.41 | 153.4 | 82.53 | 67.34 | 60.09 | 1494.42 |
| ETP CUENCA (mm) | 101.43 | 128.23 | 140.45 | 153.26 | 142.1 | 116.18 | 119.54 | 92.16 | 68.43 | 52.94 | 69.05 | 92.02 | 1275.78 |
| ETR CUENCA (mm) | 79.46 | 107 | 124.66 | 131.89 | 110.09 | 90.45 | 95.93 | 71.25 | 63.24 | 52.03 | 67.27 | 81.82 | 1075.07 |
| ESCORRENTIA (mm) | 21.09 | 34.94 | 52.35 | 49.26 | 39.19 | 33.05 | 26.62 | 37.48 | 54.48 | 31.06 | 25.52 | 19.54 | 424.59 |
| CAUDAL (m3/s) | 165.49 | 265.26 | 410.75 | 373.99 | 297.53 | 277.86 | 202.12 | 294.1 | 413.67 | 243.73 | 193.79 | 148.4 | 273.89 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 8.14 | 13.04 | 20.2 | 18.39 | 14.63 | 13.66 | 9.94 | 14.46 | 20.34 | 11.98 | 9.53 | 7.3 | 13.47 |
| APORTACION TOTAL (Hm3) | 428.95 | 710.48 | 1064.67 | 1001.71 | 796.91 | 672.2 | 541.37 | 762.32 | 1107.99 | 631.75 | 519.04 | 397.49 | 8634.87 |
| **RÍO MANDUVIRÁ. 14.554 Km2** | PRECIPITACION CUENCA (mm) | 92.24 | 160.41 | 177.65 | 157.58 | 138.57 | 124.05 | 106.14 | 151.15 | 138.41 | 80.97 | 61.92 | 52.75 | 1441.83 |
| ETP CUENCA (mm) | 103.86 | 130.5 | 146.35 | 165.41 | 150.64 | 123.63 | 125.54 | 93.84 | 68.4 | 50.94 | 66.77 | 91.8 | 1317.67 |
| ETR CUENCA (mm) | 78.87 | 105.57 | 125.08 | 128.78 | 104.54 | 91.85 | 93.38 | 71.41 | 63.43 | 49.49 | 63.76 | 78.58 | 1054.73 |
| ESCORRENTIA (mm) | 18.56 | 34.87 | 48.67 | 41.3 | 37.07 | 30.5 | 25.85 | 38.16 | 46.87 | 28.75 | 23.46 | 17.26 | 391.33 |
| CAUDAL (m3/s) | 104.16 | 189.39 | 273.15 | 224.3 | 201.34 | 183.42 | 140.38 | 214.19 | 254.55 | 161.36 | 127.44 | 93.77 | 180.62 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 7.16 | 13.02 | 18.78 | 15.42 | 13.84 | 12.61 | 9.65 | 14.72 | 17.5 | 11.09 | 8.76 | 6.45 | 12.42 |
|  | APORTACION TOTAL (Hm3) | 269.97 | 507.25 | 708 | 600.75 | 539.26 | 443.72 | 376 | 555.17 | 681.8 | 418.25 | 341.33 | 251.14 | 5692.64 |
| **INTERCUENCA** **LAGO YPOA****6.689 Km2** | PRECIPITACION CUENCA (mm) | 85.85 | 155.41 | 169.46 | 160.79 | 153.95 | 137.05 | 127.1 | 158.35 | 125.91 | 83.93 | 55.48 | 57.52 | 1470.79 |
| ETP CUENCA (mm) | 108 | 132.13 | 152.78 | 175.83 | 159.76 | 132.43 | 131.01 | 96.9 | 69.16 | 49.2 | 65.98 | 93.85 | 1367 |
| ETR CUENCA (mm) | 81.95 | 101.33 | 120.23 | 126.25 | 109.87 | 97.75 | 97.21 | 76.07 | 63.51 | 47.16 | 61.13 | 79.88 | 1062.35 |
| ESCORRENTIA (mm) | 17.55 | 33.9 | 46.1 | 42.25 | 40.54 | 35.53 | 34.31 | 45.41 | 44.17 | 30.56 | 23.39 | 18.19 | 411.9 |
| CAUDAL (m3/s) | 45.22 | 84.53 | 118.8 | 105.36 | 101.09 | 98.09 | 85.56 | 117.01 | 110.15 | 78.74 | 58.33 | 45.35 | 87.35 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 6.77 | 12.66 | 17.79 | 15.77 | 15.13 | 14.69 | 12.81 | 17.52 | 16.49 | 11.79 | 8.73 | 6.79 | 13.08 |
| APORTACION TOTAL (Hm3) | 117.2 | 226.41 | 307.92 | 282.19 | 270.75 | 237.3 | 229.17 | 303.29 | 295.03 | 204.1 | 156.23 | 121.47 | 2751.05 |
| **INTERCUENCA ARROYO ÑEEMBUCÚ****6.138 Km2** | PRECIPITACION CUENCA (mm) | 89.06 | 161 | 168.76 | 126.77 | 181.18 | 148.12 | 136.6 | 188.91 | 140.53 | 79.53 | 57.33 | 47.41 | 1525.2 |
| ETP CUENCA (mm) | 103.58 | 138.73 | 158.25 | 178.56 | 175.07 | 140.59 | 135.55 | 95.33 | 69.52 | 50.25 | 67.74 | 88.74 | 1401.88 |
| ETR CUENCA (mm) | 81.54 | 112.42 | 121.97 | 115.82 | 110.36 | 102.28 | 98.56 | 78.95 | 66.14 | 48.68 | 63.73 | 75.16 | 1075.62 |
| ESCORRENTIA (mm) | 16.35 | 34.08 | 44.18 | 32.83 | 49.73 | 41.88 | 38.84 | 63.86 | 55.93 | 34.01 | 24.57 | 17.13 | 453.37 |
| CAUDAL (m3/s) | 38.71 | 78.09 | 104.61 | 75.23 | 113.96 | 106.26 | 89.02 | 151.22 | 128.17 | 80.53 | 56.31 | 39.26 | 88.45 |
| q (CAUDAL ESPECIFICO) (lts/s Km2) | 6.31 | 12.72 | 17.04 | 12.26 | 18.57 | 17.31 | 14.5 | 24.64 | 20.88 | 13.12 | 9.17 | 6.4 | 14.41 |
| APORTACION TOTAL (Hm3) | 100.34 | 209.15 | 271.16 | 201.5 | 305.23 | 257.06 | 238.42 | 391.96 | 343.29 | 208.73 | 150.81 | 105.15 | 2782.8 |