

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

| PRESA | CAP. | CAP. | VOL. | ALMAC. | ALMAC. | ALMAC. | DIFERENCIA | ENTRADAS CUENCA | SALIDAS | | | % 2016 | % 2015 | DIF. ALM. | LLUVIA (mm) | ENTRADAS (hm ³) |
|---------------------------|----------------------------|----------------------------|--------------|---------------------------|-------------------------|-------------------------|-------------|--------------------------------|---------------------------|--------------------------------|------------|-------------|-------------|---------------|-------------|-----------------------------|
| | N A M E (hm ²) | N A M O (hm ²) | | MUERTO (hm ²) | 2015 (hm ³) | AYER (hm ³) | | | HOY (hm ³) | EN 24 hr (hm ³) | O.T. (Qm) | | | | | |
| | | | | | | | | PROPORCIÓN (m ³ /s) | LIBRE (m ³ /s) | CONTROLADO (m ³ /s) | | | | | | |
| LAZARO CARDENAS | 1,116.5 | 703.4 | 0.0 | 719.092 | 629.580 | 630.643 | 1.1 | 21.7 | 7.000 | 0.0 | 0.0 | 89.7 | 102.2 | -88.4 | 0.0 | 1.87 |
| P. ELIAS CALLES | 3,512.0 | 2,833.1 | 602.6 | 2,098.420 | 2,251.690 | 2,257.740 | 6.0 | 86.9 | 10.000 | 0.0 | 0.0 | 79.7 | 74.1 | 159.3 | 0.0 | 7.51 |
| ALVARO OBREGON | 4,409.4 | 3,023.1 | 55.0 | 2,434.970 | 1,818.050 | 1,822.040 | 4.0 | 26.4 | 75.201 | 0.0 | 0.0 | 60.3 | 80.5 | -612.9 | 0.0 | 2.28 |
| ABRAHAM GONZALEZ | 109.6 | 85.4 | 1.6 | 86.385 | 66.524 | 67.190 | 0.7 | 8.6 | 0.600 | 0.0 | 0.0 | 78.6 | 101.1 | -19.2 | 4.5 | 0.74 |
| SUBTOTAL RIO YAQUI | 9,037.8 | 6,559.6 | 657.6 | 5,252.482 | 4,699.320 | 4,710.423 | 11.1 | 135.0 | 92.201 | 0.0 | 0.0 | 71.8 | 80.1 | -542.1 | | 12.41 |
| A.RUIZ CORTINES | 1,822.6 | 950.3 | 24.8 | 636.070 | 509.127 | 513.144 | 4.0 | 49.5 | 0.000 | 0.0 | 0.0 | 54.0 | 66.9 | -122.9 | 0.0 | 4.28 |
| EL MOLINITO | 233.9 | 130.2 | 0.5 | 34.381 | 20.657 | 20.868 | 0.2 | 2.8 | 0.000 | 0.0 | 0.0 | 16.0 | 26.4 | -13.5 | 0.0 | 0.24 |
| A. RODRIGUEZ L. | 284.5 | 219.5 | 0.0 | 14.762 | 1.625 | 1.609 | 0.0 | 0.0 | 0.000 | 0.0 | 0.0 | 0.7 | 6.7 | -13.2 | 0.0 | 0.00 |
| CUAUHTEMOC | 66.3 | 41.5 | 1.5 | 16.530 | 9.781 | 9.781 | 0.0 | 0.2 | 0.000 | 0.0 | 0.0 | 23.6 | 39.9 | -6.7 | 0.0 | 0.01 |
| I. R. ALATORRE | 29.7 | 16.2 | 1.0 | 3.973 | 1.106 | 1.097 | 0.0 | 0.0 | 0.000 | 0.0 | 0.0 | 6.8 | 24.6 | -2.9 | 0.0 | 0.00 |
| TOTAL | 11,584.4 | 8,002.7 | 687.1 | 6,044.583 | 5,308.140 | 5,324.112 | 16.0 | 196.1 | 92.801 | 0.0 | 0.0 | 66.5 | 75.5 | -720.5 | | 16.95 |

| PRESA | ALM. AGUJAS (hm ³) |
|-----------------|--------------------------------|
| LAZARO CARDENAS | 761.7 |
| ALVARO OBREGON | 3,309.2 |

| PRESA | ALM. VERT. LIBRE |
|----------------------|------------------|
| ADOLFO RUIZ CORTINES | 1341.80 |

Qm = GASTO MEDIO

H I D R O M E T R I A

| CUENCA | ESTACION | ESCALA (m) | GASTO (m ³ /s) | CUENCA | ESTACION | ESCALA (m) | GASTO (m ³ /s) |
|----------|--------------|------------|---------------------------|-----------|------------------|------------|---------------------------|
| SONOYTA | SONOYTA II | 386.00 | 0.00 | MATAPE | PUNTA DE AGUA II | 0.77 | 0.00 |
| ASUNCION | PITIQUITO II | 286.10 | 0.00 | COCORAQUE | COCORAQUE | 0.99 | 0.00 |
| | STA. ROSA II | 529.30 | 0.00 | | GUÁPOCA- CFE | 1.66 | 59.09 |
| SONORA | OREGANO II | 5.09 | 0.50 | YAQUI | PASO NACORI-CFE | 1.72 | 155.37 |
| | EL CAJON | 1.67 | 0.35 | | EL CUBIL- CFE | 2.13 | 179.91 |
| | ARIZPE-CEA | - | - | | SAN BERNARDO | 156.02 | 56.71 |
| | | | | MAYO | TEZOCOMA | 10.00 | 0.00 |

C L I M A T O L O G I A

| CUENCA | ESTACION | PRECIP. (mm) | TEMPERATURA °C | | | EVAP. (mm) | FENOMENOS DIVERSOS | CUENCA | ESTACION | PRECIP. (mm) | TEMPERATURA °C | | | EVAP. (mm) | FENOMENOS DIVERSOS |
|------------|----------------|--------------|----------------|------|------|------------|--------------------|---------------|-------------|--------------|----------------|------|------|------------|--------------------|
| | | | AMB. | MAX. | MIN. | | | | | | AMB. | MAX. | MIN. | | |
| SONOYTA | SONOYTA | 0.0 | 25.5 | 4.3 | 25.0 | 11.71 | | COCORAQUE | COCORAQUE | 0.0 | 26.0 | 42.0 | 26.0 | 9.23 | |
| | PTO. PEÑASCO | - | - | - | - | - | | | YAQUI | GUÁPOCA-CFE | INAP. | 17.0 | 30.4 | 16.9 | - |
| SANTA CRUZ | NOGALES | 0.0 | 21.8 | 33.8 | 20.4 | | | P. NACORI-CFE | 0.0 | 23.9 | 38.2 | 23.9 | - | - | |
| ASUNCION | ALTAR | - | - | - | - | - | | EL CUBIL-CFE | 0.0 | 23.9 | 40.8 | 23.9 | - | - | |
| | PITIQUITO | 0.0 | 24.0 | 42.5 | 23.0 | | | ABRAHAM GLEZ. | 4.5 | 13.0 | 28.0 | 12.0 | 5.90 | | |
| | IMURIS | 0.0 | 26.0 | 37.0 | 19.0 | 6.88 | | AGUA PRIETA | - | - | - | - | - | | |
| | CUAUHTEMOC | 0.0 | 24.0 | 42.0 | 20.0 | | | ANGOSTURA | 0.0 | 23.9 | 35.2 | 23.9 | 7.39 | | |
| | STA. ROSA II | 0.0 | 27.0 | 38.0 | 21.0 | | | ARIBABI | 0.0 | 17.5 | 36.0 | 15.0 | | | |
| SONORA | ACONCHI | 0.0 | 23.0 | 40.0 | 23.0 | | | BACERAC | - | - | - | - | | | |
| | ARIZPE-CEA | 0.0 | 18.0 | 34.0 | 17.0 | | | HUACHINERAS | 0.0 | 19.0 | 37.0 | 17.0 | | | |
| | BACANUCHI | - | - | - | - | - | | TEPACHE | 0.0 | 26.0 | 41.0 | 26.0 | | | |
| | BANAMACHI | 0.0 | 24.0 | 41.0 | 23.5 | | | P. EL NOVILLO | 0.0 | 29.5 | 43.0 | 27.5 | 9.31 | | |
| | RAYON | - | - | - | - | - | | NACAZARI | - | - | - | - | - | | |
| | EL CAJON | 0.0 | 23.0 | 38.0 | 22.0 | 9.33 | | OVIACHIC | 0.0 | 28.5 | 42.5 | 27.5 | 6.60 | | |
| | HILLO. NTE. | 0.0 | 31.5 | 42.0 | 30.0 | | | CD. OBREGON | 0.0 | 32.0 | 44.0 | 27.0 | 8.00 | | |
| | HILLO. OBS. | 0.0 | 30.4 | 43.5 | 27.5 | 6.79 | | YECORA | 0.0 | 14.0 | 33.0 | 14.0 | 5.86 | | |
| | OREGANO II | 0.0 | 29.0 | 43.5 | 25.5 | 6.97 | | YEPACHIC | - | - | - | - | | | |
| | EL MOLINITO | 0.0 | 26.0 | 43.0 | 25.0 | 8.60 | | TEMOSACHIC | 1.5 | 12.8 | 27.3 | 12.8 | 5.09 | | |
| MATAPE | QUEROBABI | 0.0 | 26.0 | 42.5 | 23.0 | | | VICAM | 0.0 | 29.5 | 43.0 | 27.5 | 9.31 | | |
| | CANANEA | 0.0 | 21.5 | 33.0 | 18.5 | | | OBS. OBREGÓN | 0.0 | 32.2 | 41.6 | 28.0 | 7.47 | | |
| | MAZATAN | - | - | - | - | - | | MAYO | BASASEACHIC | 1.2 | 11.5 | 28.1 | 11.5 | | |
| | P. PTA. AGUA | 0.0 | 24.5 | 42.0 | 20.0 | 9.02 | | A.R. CORTINES | 0.0 | 28.0 | 38.0 | 26.0 | 7.72 | | |
| | PTA. AGUA II | 0.0 | 24.0 | 42.0 | 23.5 | 8.30 | | NAVOJOA | - | - | - | - | | | |
| | EMPALME | - | - | - | - | - | | S. BERNARDO | 0.0 | 720.0 | 39.0 | 23.0 | 6.95 | | |
| | S. J. DE PIMAS | 0.0 | 26.5 | 40.0 | 24.0 | | | TEZOCOMA | 0.0 | 25.0 | 40.0 | 24.0 | 5.70 | | |
| GUAYMAS | 0.0 | 28.0 | 35.4 | 26.3 | | | RÍO FUERTE | ALAMOS | 0.0 | 26.9 | 37.6 | 25.3 | | | |

| PRECIPITACIÓN MÁXIMA (mm) | 4.5 | ABRAHAM GLEZ. | | | | |
|---------------------------|------|---------------|-----|-----|---------|-----|
| PRECIPITACIÓN MEDIA | 0.4 | 0.3 | 0.0 | 0.0 | #VALOR! | 0.0 |
| TEMPERATURA MÍNIMA | 11.5 | BASASEACHIC | | | | |
| TEMPERATURA MÁXIMA | 44.0 | CD. OBREGON | | | | |

| ESTACIONES DE APOYO | | |
|---------------------|---------|------|
| ESTACION | PRECIP. | EST. |
| HILLO SUR | | |
| TESIA | | |

| PRESA | NAME (m) | NAMO (m) | ELEVACION (m). A LA FECHA |
|------------------|----------|----------|---------------------------|
| LAZARO CARDENAS | 840.15 | 830.70 | 828.72 |
| P. ELIAS CALLES | 296.80 | 290.50 | 284.59 |
| ALVARO OBREGON | 112.20 | 105.50 | 98.03 |
| ABRAHAM GONZALEZ | 2051.30 | 2047.80 | 2044.80 |
| A.RUIZ CORTINES | 145.47 | 135.00 | 127.07 |
| EL MOLINITO | 293.40 | 289.36 | 280.25 |
| A. RODRIGUEZ L. | 228.40 | 226.98 | 215.99 |
| CUAUHTEMOC | 600.25 | 597.00 | 589.85 |
| I. R. ALATORRE | 102.71 | 100.00 | 93.67 |