

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

| PRESA | CAP. | CAP. | VOL. | ALMAC. | ALMAC. | ALMAC. | DIFERENCIA | ENTRADAS CUENCA PROPAC(m) (m ³ /s) | SALIDAS | | | % 2016 | % 2015 | DIF. ALM. 2016-15 | LLUVIA (mm) | ENTRADAS (hm ³) |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---|----------------|------------|------------|-------------|-------------|----------------------|----------------|--------------------------------|
| | NAME | NAMO | MUERTO | 2015 | AYER | HOY | EN 24 hr | | VERTEDOR | | | | | | | |
| | (hm ³) | (hm ³) | (hm ³) | (hm ³) | (hm ³) | (hm ³) | (hm ³) | | O.T.(Qm) | LIBRE | CONTROLADO | | | | | |
| LAZARO CARDENAS | 1,116.5 | 703.4 | 0.0 | 663.240 | 623.200 | 622.492 | -0.7 | 2.1 | 7.000 | 0.0 | 0.0 | 88.5 | 94.3 | -40.7 | 0.4 | 0.18 |
| P. ELIAS CALLES | 3,512.0 | 2,833.1 | 602.6 | 1,714.500 | 1,983.950 | 1,980.510 | -3.4 | 104.9 | 138.090 | 0.0 | 0.0 | 69.9 | 60.5 | 266.0 | 8.5 | 9.07 |
| ALVARO OBREGON | 4,409.4 | 3,023.1 | 55.0 | 2,265.050 | 1,768.940 | 1,772.820 | 3.9 | 40.2 | 63.340 | 0.0 | 0.0 | 58.6 | 74.9 | -492.2 | 0.0 | 3.47 |
| ABRAHAM GONZALEZ | 109.6 | 85.4 | 1.6 | 69.371 | 59.587 | 59.698 | 0.1 | 1.5 | 0.000 | 0.0 | 0.0 | 69.9 | 81.2 | -9.7 | 1.0 | 0.13 |
| SUBTOTAL RIO YAQUI | 9,037.8 | 6,559.6 | 657.6 | 4,642.790 | 4,376.090 | 4,375.822 | -0.3 | 147.2 | 208.430 | 0.0 | 0.0 | 66.7 | 70.8 | -267.0 | | 12.85 |
| A.RUIZ CORTINES | 1,822.6 | 950.3 | 24.8 | 434.339 | 289.859 | 298.127 | 8.3 | 97.9 | 0.000 | 0.0 | 0.0 | 31.4 | 45.7 | -136.2 | 1.5 | 8.46 |
| EL MOLINITO | 233.9 | 130.2 | 0.5 | 28.545 | 17.145 | 17.100 | 0.0 | 0.0 | 0.000 | 0.0 | 0.0 | 13.1 | 21.9 | -11.4 | 3.5 | 0.00 |
| A. RODRIGUEZ L. | 284.5 | 219.5 | 0.0 | 15.473 | 0.719 | 0.687 | 0.0 | 0.0 | 0.000 | 0.0 | 0.0 | 0.3 | 7.0 | -14.8 | INAP. | 0.00 |
| CUAUHTEMOC | 66.3 | 41.5 | 1.5 | 17.171 | 8.945 | 8.917 | 0.0 | 0.5 | 0.570 | 0.0 | 0.0 | 21.5 | 41.4 | -8.3 | 0.0 | 0.05 |
| I. R. ALATORRE | 29.7 | 16.2 | 1.0 | 0.516 | 0.000 | 0.000 | 0.0 | 0.0 | 0.000 | 0.0 | 0.0 | 0.0 | 3.2 | -0.5 | 0.0 | 0.00 |
| TOTAL | 11,584.4 | 8,002.7 | 687.1 | 5,208.205 | 4,752.344 | 4,760.351 | 8.0 | 247.1 | 209.000 | 0.0 | 0.0 | 59.5 | 65.1 | -447.9 | | 21.35 |

| 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 | 1.50 | 44.00 |
| SONORA | OREGANO II | 5.00 | 0.00 | YAQUI | PASO NACORI-CFE | 1.78 | 169.89 |
| | EL CAJON | 1.61 | 0.29 | | EL CUBIL- CFE | 2.19 | 193.27 |
| | ARIZPE-CEA | - | - | | SAN BERNARDO | 156.20 | 76.66 |
| | | | | MAYO | TEZOCOMA | 10.00 | 0.00 |

C L I M A T O L Ó 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 | 28.0 | 43.0 | 25.0 | 10.70 | | COCORAQUE | COCORAQUE | 0.0 | 26.5 | 41.0 | 26.0 | 9.65 | |
| | PTO. PEÑASCO | 0.0 | 31.0 | 35.0 | 28.5 | 8.00 | | | GUÁPOCA-CFE | 16.2 | 17.4 | 34.8 | 16.6 | 6.22 | |
| SANTA CRUZ | NOGALES | 2.4 | 21.7 | 36.7 | 21.4 | | | Y A Q U I | P. NACORI-CFE | 11.8 | 24.9 | 41.9 | 24.8 | 8.66 | |
| ASUNCION | ALTAR | 0.0 | 30.2 | 43.2 | 26.6 | 12.00 | | EL CUBIL-CFE | 43.5 | 23.7 | 42.2 | 21.8 | 6.85 | | |
| | PITIQUITO | 0.0 | 22.0 | 42.0 | 18.0 | | | ABRAHAM GLEZ | 1.0 | 14.0 | 29.0 | 13.0 | 4.70 | | |
| | IMURIS | INAP. | 26.0 | 40.0 | 19.0 | 11.80 | | AGUA PRIETA | 0.0 | 26.0 | 40.0 | 24.0 | 5.74 | | |
| | CUAUHTEMOC | 0.0 | 35.5 | 44.5 | 21.5 | | | ANGOSTURA | 0.4 | 24.0 | 37.6 | 24.0 | 10.43 | | |
| | STA. ROSA II | 0.0 | 29.0 | 41.0 | 24.0 | | | ARIBABI | INAP. | 18.0 | 35.0 | 17.0 | | | |
| | ACONCHI | 0.0 | 25.0 | 42.0 | 24.0 | | | BACERAC | INAP. | 21.0 | 41.0 | 20.0 | | | |
| SONORA | ARIZPE-CEA | 0.0 | 19.0 | 37.0 | 12.0 | | | HUACHINERAS | - | - | - | - | | | |
| | BACANUCHI | 3.0 | 23.0 | 38.0 | 19.0 | 7.25 | | TEPACHE | 43.0 | 23.0 | 42.0 | 23.0 | | | |
| | BANAMICHI | 0.0 | 23.0 | 42.0 | 23.0 | | | P. EL NOVILLO | 8.5 | 24.2 | 40.1 | 24.2 | 9.86 | | |
| | RAYON | - | - | - | - | - | | NACAZARI | 10.4 | 21.0 | 38.0 | 17.0 | 10.13 | | |
| | EL CAJON | 22.0 | 24.0 | 41.5 | 21.5 | 12.21 | | OVIACHIC | 0.0 | 28.5 | 41.5 | 27.0 | 10.70 | | |
| | HILLO. NTE. | 11.5 | 25.5 | 41.0 | 21.5 | | | CD. OBREGON | 0.0 | 33.0 | 41.0 | 24.0 | 9.28 | | |
| | HILLO. OBS. | INAP. | 27.5 | 44.0 | 27.0 | 10.07 | | YECORA | 18.6 | 18.0 | 30.0 | 17.0 | 4.92 | | |
| | OREGANO II | 13.6 | 28.0 | 44.0 | 24.0 | 12.56 | | YEPACHIC | 24.0 | 14.0 | 30.0 | 11.0 | | | |
| | EL MOLINITO | 3.5 | 26.0 | 43.0 | 23.0 | 6.45 | | TEMOSACHIC | 3.0 | 14.6 | 32.2 | 14.6 | 3.93 | | |
| | QUEROBABI | 0.0 | 24.0 | 43.0 | 23.0 | | | VICAM | 0.0 | 30.5 | 40.0 | 27.0 | 12.54 | | |
| CANANEA | 0.0 | 21.0 | 35.0 | 20.0 | | | OBS. OBREGÓN | 0.0 | 31.8 | 38.8 | 27.8 | 7.68 | | | |
| MATAPE | MAZATAN | - | - | - | - | - | | MAYO | BASASEACHIC | 1.8 | 12.7 | 29.8 | 12.7 | | |
| | P. PTA. AGUA | 0.0 | - | - | - | 8.53 | | A.R.CORTINES | 1.5 | 25.0 | 37.0 | 25.0 | 8.47 | | |
| | PTA.AGUA II | 0.0 | 25.0 | 39.0 | 25.0 | 7.30 | | NAVOJOA | 0.5 | 28.0 | 39.0 | 27.0 | 8.71 | | |
| | EMPALME | 0.0 | 30.4 | 37.9 | 28.2 | 7.70 | | S.BERNARDO | 0.0 | 28.0 | 39.0 | 24.5 | 7.78 | | |
| | S. J. DE PIMAS | 0.0 | 27.0 | 41.0 | 25.0 | | | TEZOCOMA | 0.0 | 27.0 | 41.0 | 25.0 | 8.50 | | |
| | GUAYMAS | 0.0 | 28.6 | 34.6 | 28.6 | | | RÍO FUERTE | ALAMOS | 3.2 | 23.2 | 35.3 | 23.2 | | |

| PRECIPITACIÓN MÁXIMA (mm) | 43.5 | EL CUBIL-CFE | | | | |
|---------------------------|------|--------------|-----|-----|-----|-----|
| PRECIPITACIÓN MEDIA | 11.3 | 0.8 | 6.0 | 5.4 | 0.0 | 0.0 |
| TEMPERATURA MÍNIMA | 11.0 | YEPACHIC | | | | |
| TEMPERATURA MÁXIMA | 44.5 | CUAUHTEMOC | | | | |

| ESTACIONES DE APOYO | | | |
|---------------------|---------|------|---------|
| ESTACION | PRECIP. | EST. | PRECIP. |
| HILLO SUR | 0.5 | | |
| CARBO | 8.5 | | |

| PRESA | NAME (m) | NAMO (m) | ELEVACION (m). A LA FECHA |
|------------------|----------|----------|---------------------------|
| LAZARO CARDENAS | 840.15 | 830.70 | 828.49 |
| P. ELIAS CALLES | 296.80 | 290.50 | 281.27 |
| ALVARO OBREGON | 112.20 | 105.50 | 97.65 |
| ABRAHAM GONZALEZ | 2051.30 | 2047.80 | 2043.45 |
| A.RUIZ CORTINES | 145.47 | 135.00 | 121.15 |
| EL MOLINITO | 293.40 | 289.36 | 279.45 |
| A. RODRIGUEZ L. | 228.40 | 226.98 | 215.42 |
| CUAUHTEMOC | 600.25 | 597.00 | 589.54 |
| I. R. ALATORRE | 102.71 | 100.00 | 91.20 |