

**INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION**

PRESA	CAP.		VOL. MUERTO (hm <sup>3</sup> )	ALMAC.				DIFERENCIA EN 24 hr (hm <sup>3</sup> )	ENTRADAS CUENCA			SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm <sup>3</sup> )
	NAME (hm <sup>2</sup> )	NAMO (hm <sup>2</sup> )		2015 (hm <sup>3</sup> )	AYER (hm <sup>3</sup> )	HOY (hm <sup>3</sup> )	PROPORCIÓN (m <sup>3</sup> /s)		O.T. (Qm)		% 2016	% 2015	DIF. ALM. 2016-15						
	VERTEDERO			LIBRE (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)														
LAZARO CARDENAS	1,116.5	703.4	0.0	723.371	639.148	645.320	6.2	80.4	7.000	0.0	0.0	91.7	102.8	-78.1	7.0	6.95			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,175.840	2,262.930	2,279.640	16.7	332.8	137.160	0.0	0.0	80.5	76.8	103.8	4.6	28.75			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,444.840	1,839.340	1,847.390	8.1	27.5	65.744	0.0	0.0	61.1	80.9	-597.5	0.0	2.38			
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.385	74.742	79.908	5.2	61.1	1.100	0.0	0.0	93.5	101.1	-6.5	3.5	5.28			
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>5,344.051</b>	<b>4,741.418</b>	<b>4,772.350</b>	<b>30.9</b>	<b>440.8</b>	<b>209.904</b>	<b>0.0</b>	<b>0.0</b>	<b>72.8</b>	<b>81.5</b>	<b>-571.7</b>		<b>43.36</b>			
A.RUIZ CORTINES	1,822.6	950.3	24.8	675.305	530.329	538.470	8.1	96.1	0.000	0.0	0.0	56.7	71.1	-136.8	0.0	8.30			
EL MOLINITO	233.9	130.2	0.5	34.618	22.768	22.927	0.2	2.1	0.000	0.0	0.0	17.6	26.6	-11.7	0.0	0.18			
A. RODRIGUEZ L.	284.5	219.5	0.0	13.772	1.593	1.672	0.1	1.0	0.000	0.0	0.0	0.8	6.3	-12.1	0.0	0.09			
CUAUHTEMOC	66.3	41.5	1.5	16.345	12.228	12.228	0.0	0.1	0.000	0.0	0.0	29.5	39.4	-4.1	0.0	0.01			
I.R. ALATORRE	29.7	16.2	1.0	4.940	1.437	1.425	0.0	0.0	0.000	0.0	0.0	8.8	30.6	-3.5	0.0	0.00			
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>6,175.416</b>	<b>5,384.515</b>	<b>5,428.980</b>	<b>44.5</b>	<b>601.2</b>	<b>211.004</b>	<b>0.0</b>	<b>0.0</b>	<b>67.8</b>	<b>77.2</b>	<b>-746.4</b>		<b>51.94</b>			

PRESA	ALM. AGUJAS (hm <sup>3</sup> )
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 <sup>3</sup> /s)	CUENCA	ESTACION	ESCALA (m)	GASTO (m <sup>3</sup> /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	2.30	126.59
SONORA	OREGANO II	5.07	0.37	YAQUI	PASO NACORI-CFE	2.17	279.66
	EL CAJON	1.66	0.33		EL CUBIL- CFE	2.59	297.10
	ARIZPE-CEA	-	-		SAN BERNARDO	156.23	81.04
				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	25.5	38.0	25.0	7.87		COCORAQUE	COCORAQUE	0.0	24.0	34.0	23.5	6.06	
	PTO. PEÑASCO	0.0	29.5	35.2	28.7	9.10			GUÁPOCA-CFE	0.3	20.0	28.4	19.2	3.84	
SANTA CRUZ	NOGALES	0.0	20.1	28.9	20.1			YAQUI	P. NACORI-CFE	18.3	23.5	29.7	23.5	-	
ASUNCION	ALTAR	0.0	28.4	37.5	26.0	5.00		EL CUBIL-CFE	5.1	24.5	31.7	24.5	0.79		
	PITIQUITO	0.0	22.0	36.0	21.0			ABRAHAM GLEZ.	3.5	16.0	27.0	11.0	3.10		
	IMURIS	3.4	22.0	33.0	18.5	5.33		AGUA PRIETA	0.0	22.0	30.0	21.0	4.19		
	CUAUHTEMOC	0.0	27.5	38.5	20.0			ANGOSTURA	7.0	22.4	31.5	22.4	6.21		
	STA. ROSA II	INAP.	25.0	38.0	19.0			ARIBABI	3.5	18.0	26.0	16.0			
SONORA	ACONCHI	2.5	23.0	33.0	22.0			BACERAC	-	-	-	-			
	ARIZPE-CEA	0.0	17.0	29.0	17.0			HUACHINERAS	20.0	17.0	36.0	15.0			
	BACANUCHI	3.0	23.0	30.0	21.0	3.30		TEPACHE	-	-	-	-			
	BANAMICHI	0.0	22.0	35.0	22.0			P. EL NOVILLO	4.6	25.7	33.4	24.0	3.49		
	RAYON	-	-	-	-			NACAZARI	1.8	19.0	34.0	16.0	7.19		
	EL CAJON	0.0	24.0	32.5	24.0	6.37		OVIACHIC	0.0	26.5	37.0	26.0	7.60		
	HILLO. NTE.	0.0	27.0	34.5	25.5			CD. OBREGON	0.0	27.0	35.0	24.0	4.36		
	HILLO. OBS.	0.0	27.0	36.0	24.5	4.18		YECORA	10.5	17.5	30.0	17.5	4.90		
	OREGANO II	0.0	26.5	35.5	24.0	5.32		YEPACHIC	9.0	15.0	27.0	13.0			
	EL MOLINITO	0.0	25.0	35.5	24.5	4.80		TEMOSACHIC	8.4	16.6	27.0	16.6	1.72		
QUEROBABI	0.0	24.0	35.0	23.0			VICAM	INAP.	28.0	36.0	24.0	7.95			
CANANEA	0.2	18.5	25.0	18.0			OBS. OBREGÓN	1.6	28.6	33.0	24.2	4.95			
MATAPE	MAZATAN	-	-	-	-			MAYO	BASASEACHIC	8.4	16.2	23.5	16.0		
	P. PTA. AGUA	0.0	23.5	32.5	22.5	8.10		A.R. CORTINES	0.0	25.0	34.0	25.0	4.66		
	PTA. AGUA II	10.0	23.5	32.5	23.0	6.10		NAVOJOA	0.0	25.5	35.0	25.0	7.45		
	EMPALME	0.0	27.3	32.7	25.5	5.00		S. BERNARDO	0.0	27.0	36.0	24.5	7.66		
	S. J. DE PIMAS	INAP.	24.0	32.0	23.0			TEZOCOMA	28.0	24.5	31.0	23.5	7.60		
	GUAYMAS	0.0	26.6	32.6	26.0			RÍO FUERTE	ALAMOS	0.0	23.8	32.9	23.8		

PRECIPITACIÓN MÁXIMA (mm)	28.0	TEZOCOMA					
PRECIPITACIÓN MEDIA	5.9	7.3	2.5	0.5	0.7	0.0	
TEMPERATURA MÍNIMA	11.0	ABRAHAM GLEZ.					
TEMPERATURA MÁXIMA	38.5	CUAUHTEMOC					

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

PRESA	NAME (m)	NAMO (m)	ELEVACION (m) A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.13
P. ELIAS CALLES	296.80	290.50	284.84
ALVARO OBREGON	112.20	105.50	98.22
ABRAHAM GONZALEZ	2051.30	2047.80	2046.92
A.RUIZ CORTINES	145.47	135.00	127.63
EL MOLINITO	293.40	289.36	280.64
A. RODRIGUEZ L.	228.40	226.98	216.01
CUAUHTEMOC	600.25	597.00	590.67
I.R. ALATORRE	102.71	100.00	94.01