

**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> )	PROPRIO (m <sup>3</sup> /s)		O.T. (Qm)		% 2016	% 2015	DIF. ALM. 2016-15						
							LIBRE (m <sup>3</sup> /s)		CONTROLADO (m <sup>3</sup> /s)										
LAZARO CARDENAS	1,116.5	703.4	0.0	668.725	618.593	617.885	-0.7	2.1	7.000	0.0	0.0	87.8	95.1	-50.8	0.0	0.18			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	1,747.520	2,037.410	2,038.270	0.9	128.6	112.430	0.0	0.0	71.9	61.7	290.8	1.4	11.11			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,362.030	1,789.620	1,792.200	2.6	6.6	74.630	0.0	0.0	59.3	78.1	-569.8	0.0	0.57			
ABRAHAM GONZALEZ	109.6	85.4	1.6	71.394	60.586	60.586	0.0	2.2	1.800	0.0	0.0	70.9	83.6	-10.8	0.0	0.19			
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>4,778.275</b>	<b>4,445.623</b>	<b>4,448.355</b>	<b>2.7</b>	<b>137.3</b>	<b>194.060</b>	<b>0.0</b>	<b>0.0</b>	<b>67.8</b>	<b>72.8</b>	<b>-329.9</b>		<b>12.05</b>			
A.RUIZ CORTINES	1,822.6	950.3	24.8	491.246	330.435	333.015	2.6	32.0	0.000	0.0	0.0	35.0	51.7	-158.2	0.0	2.77			
EL MOLINITO	233.9	130.2	0.5	31.931	17.011	17.011	0.0	0.4	0.000	0.0	0.0	13.1	24.5	-14.9	0.0	0.03			
A. RODRIGUEZ L.	284.5	219.5	0.0	15.168	0.541	0.525	0.0	0.0	0.000	0.0	0.0	0.2	6.9	-14.6	32.2	0.00			
CUAUHTEMOC	66.3	41.5	1.5	16.863	8.345	8.294	-0.1	0.1	0.400	0.0	0.0	20.0	40.7	-8.6	20.0	0.01			
I.R. ALATORRE	29.7	16.2	1.0	1.365	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	8.4	-1.4	INAP.	0.00			
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>5,406.242</b>	<b>4,862.541</b>	<b>4,867.786</b>	<b>5.2</b>	<b>171.9</b>	<b>196.260</b>	<b>0.0</b>	<b>0.0</b>	<b>60.8</b>	<b>67.6</b>	<b>-538.5</b>		<b>14.86</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	1.08	17.82
SONORA	OREGANO II	5.08	0.42	YAQUI	PASO NACORI-CFE	1.34	77.14
	EL CAJON	1.61	0.25		EL CUBIL- CFE	1.76	91.31
	ARIZPE-CEA	-	-		SAN BERNARDO	155.68	24.19
				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	1.0	29.0	44.0	26.0	10.98		COCORAQUE	COCORAQUE	INAP.	26.0	38.0	26.0	9.23	
	PTO. PEÑASCO	-	-	-	-	-			YAQUI	GUÁPOCA-CFE	3.3	18.5	35.2	18.0	6.39
SANTA CRUZ	NOGALES	0.0	22.6	36.9	21.8			P. NACORI-CFE	16.0	23.7	41.2	23.5	6.86		
ASUNCION	ALTAR	11.9	27.2	44.5	23.5	11.00		EL CUBIL-CFE	2.0	23.7	41.7	23.7	7.37		
	PITIQUITO	11.5	26.0	44.0	18.0			ABRAHAM GLEZ.	0.0	14.0	30.0	13.0	7.70		
	IMURIS	0.0	-	-	-	-		AGUA PRIETA	-	-	-	-	-		
	CUAUHTEMOC	20.0	33.5	43.0	18.5			ANGOSTURA	0.0	24.5	40.1	24.5	10.45		
	STA. ROSA II	0.0	23.0	44.0	17.0			ARIBABI	4.7	20.0	39.0	17.0			
SONORA	ACONCHI	3.5	24.0	40.0	23.0			BACERAC	1.5	21.0	40.0	20.0			
	ARIZPE-CEA	1.0	19.0	37.0	18.0			HUACHINERAS	10.0	22.0	39.0	18.0			
	BACANUCHI	3.0	23.0	39.0	20.0	7.40		TEPACHE	15.0	25.0	41.0	24.0			
	BANAMICHI	5.5	21.5	40.5	21.0			P. EL NOVILLO	1.4	25.8	42.5	25.8	9.11		
	RAYON	-	-	-	-	-		NACAZARI	8.1	22.0	37.0	18.0	9.16		
	EL CAJON	1.4	23.5	43.0	23.0	13.26		OVIACHIC	0.0	27.0	42.0	24.0	10.05		
	HILLO. NTE.	-	-	-	-	-		CD. OBREGON	0.0	29.0	41.0	27.0	9.55		
	HILLO. OBS.	32.2	27.0	43.5	22.0	11.11		YECORA	1.5	18.0	32.0	16.0	4.31		
	OREGANO II	22.0	26.0	44.0	22.0	-		YEPACHIC	-	-	-	-			
	EL MOLINITO	0.0	-	-	-	8.96		TEMOSACHIC	0.0	13.4	33.0	13.4	5.42		
QUEROBABI	INAP.	26.0	44.0	24.0			VICAM	12.0	28.0	42.0	25.0	12.08			
CANANEA	0.0	20.0	35.5	19.0			OBS. OBREGÓN	0.0	29.6	39.0	25.4	7.49			
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACHIC	10.0	11.5	28.9	10.6		
	P. PTA. AGUA	INAP.	25.0	42.0	24.0	9.89			A.R. CORTINES	0.0	27.0	39.5	26.5	7.82	
	PTA. AGUA II	0.0	25.0	41.0	25.0	9.30			NAVOJOA	-	-	-	-		
	EMPALME	9.2	27.4	38.0	24.7	6.30			S. BERNARDO	INAP.	28.0	41.0	26.5	9.59	
	S. J. DE PIMAS	0.0	25.0	41.0	24.0				TEZOCOMA	0.0	28.0	35.8	27.0	8.90	
	GUAYMAS	18.8	25.2	37.0	23.0				RÍO FUERTE	ALAMOS	1.1	23.3	36.0	22.9	

PRECIPITACIÓN MÁXIMA (mm)	32.2	HILLO. OBS.	
	YAQUI	MAYO	MATAPE
PRECIPITACIÓN MEDIA	4.4	3.3	7.0
	SONORA	ASUNCIÓN	SONOYTA
	7.6	8.7	1.0
TEMPERATURA MÍNIMA	10.6	BASASEACHIC	
TEMPERATURA MÁXIMA	44.5	ALTAR	

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR	31.0		
TESIA			

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	828.26
P. ELIAS CALLES	296.80	290.50	281.94
ALVARO OBREGON	112.20	105.50	97.80
ABRAHAM GONZALEZ	2051.30	2047.80	2043.61
A.RUIZ CORTINES	145.47	135.00	122.30
EL MOLINITO	293.40	289.36	279.43
A. RODRIGUEZ L.	228.40	226.98	215.32
CUAUHTEMOC	600.25	597.00	589.30
I.R. ALATORRE	102.71	100.00	91.20