

**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> )	EN 24 hr (hm <sup>3</sup> )		O.T. (Qm)			VERTEDOR							
									PROPOR(Cm)	LIBRE (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)								
LAZARO CARDENAS	1,116.5	703.4	0.0	700.763	622.137	622.846	0.7	16.3	7.000	0.0	0.0	88.6	99.6	-77.9	50.2	1.41			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	1,981.370	2,114.010	2,133.610	19.6	275.6	44.100	0.0	0.0	75.3	69.9	152.2	0.0	23.81			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,407.180	1,801.250	1,807.710	6.5	70.6	36.830	0.0	0.0	59.8	79.6	-599.5	0.0	6.10			
ABRAHAM GONZALEZ	109.6	85.4	1.6	79.601	59.587	59.531	-0.1	0.8	1.200	0.0	0.0	69.7	93.2	-20.1	1.0	0.07			
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>5,089.313</b>	<b>4,537.397</b>	<b>4,564.166</b>	<b>26.8</b>	<b>362.6</b>	<b>87.930</b>	<b>0.0</b>	<b>0.0</b>	<b>69.6</b>	<b>77.6</b>	<b>-525.1</b>		<b>31.39</b>			
A.RUIZ CORTINES	1,822.6	950.3	24.8	587.778	396.308	426.822	30.5	354.4	0.000	0.0	0.0	44.9	61.9	-161.0	19.5	30.62			
EL MOLINITO	233.9	130.2	0.5	33.749	19.014	19.326	0.3	3.8	0.000	0.0	0.0	14.8	25.9	-14.4	8.9	0.33			
A. RODRIGUEZ L.	284.5	219.5	0.0	16.083	0.735	1.766	1.0	12.1	0.000	0.0	0.0	0.8	7.3	-14.3	1.6	1.05			
CUAUHTEMOC	66.3	41.5	1.5	16.752	8.036	8.036	0.0	0.3	0.100	0.0	0.0	19.4	40.4	-8.7	14.0	0.02			
I.R. ALATORRE	29.7	16.2	1.0	3.358	0.202	0.202	0.0	0.0	0.000	0.0	0.0	1.2	20.8	-3.2	0.0	0.00			
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>5,826.634</b>	<b>5,021.279</b>	<b>5,079.849</b>	<b>58.6</b>	<b>733.9</b>	<b>89.230</b>	<b>0.0</b>	<b>0.0</b>	<b>63.5</b>	<b>72.8</b>	<b>-746.8</b>		<b>63.41</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	0.80	0.56
ASUNCION	PITIQUITO II	286.10	0.00	COCORAQUE	COCORAQUE	1.25	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	1.20	24.37
SONORA	OREGANO II	-	-	YAQUI	PASO NACORI-CFE	1.92	205.97
	EL CAJON	1.67	0.33		EL CUBIL- CFE	2.59	297.10
	ARIZPE-CEA	-	-	MAYO	SAN BERNARDO	157.60	285.00
					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	25.0	36.0	23.0	8.01		COCORAQUE	COCORAQUE	9.5	23.5	29.5	23.5	1.95	
	PTO. PEÑASCO	-	-	-	-	-			YAQUI	GUÁPOCA-CFE	2.6	18.3	27.4	17.9	-
SANTA CRUZ	NOGALES	18.4	18.6	30.8	17.8			P. NACORI-CFE	0.1	22.7	31.3	22.6	-		
ASUNCION	ALTAR	-	-	-	-	-		EL CUBIL-CFE	2.3	23.5	32.9	23.4	-		
	PITIQUITO	10.0	21.0	35.0	20.0		ABRAHAM GLEZ.	1.0	14.0	27.0	13.0	4.20			
	IMURIS	39.0	18.0	34.0	17.0	5.04	AGUA PRIETA	-	-	-	-	-			
	CUAUHTEMOC	14.0	23.0	32.5	15.0		ANGOSTURA	50.2	21.1	33.1	21.1	3.50			
	STA. ROSA II	33.0	23.0	36.0	23.0		ARIBABI	19.8	16.0	26.0	16.0				
SONORA	ACONCHI	3.5	23.0	33.0	22.0		BACERAC	2.5	21.0	39.0	19.0				
	ARIZPE-CEA	30.0	15.0	30.0	14.0		HUACHINERAS	44.0	19.0	37.0	16.0				
	BACANUCHI	38.0	19.0	33.0	18.5	6.05	TEPACHE	8.2	26.0	34.0	26.0				
	BANAMICHI	5.0	20.5	33.0	20.5		P. EL NOVILLO	0.0	24.6	29.9	24.5	6.80			
	RAYON	-	-	-	-	-	NACAZARI	65.0	16.0	30.0	15.0	7.12			
	EL CAJON	INAP.	24.0	32.0	24.0	5.72	OVIACHIC	0.0	26.0	33.5	25.0	5.10			
	HILLO. NTE.	1.7	22.0	34.0	20.0		CD. OBREGON	3.0	27.0	34.0	24.0	7.50			
	HILLO. OBS.	1.6	26.0	37.0	23.0	6.73	YECORA	36.2	18.0	26.0	17.0	-			
	OREGANO II	-	-	-	-	-	YEPACHIC	-	-	-	-	-			
	EL MOLINITO	8.9	24.5	34.0	23.0	4.00	TEMOSACHIC	4.0	13.0	26.0	13.0	2.31			
QUEROBABI	6.5	22.0	34.5	22.0		VICAM	4.5	28.0	32.0	24.0	3.70				
CANANEA	66.2	16.5	30.0	16.0		OBS. OBREGÓN	1.0	28.8	34.5	25.5	2.95				
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACHIC	10.2	15.5	21.9	15.3		
	P. PTA. AGUA	0.0	-	-	-	5.42		A.R.CORTINES	19.5	24.0	30.0	24.0	3.45		
	PTA. AGUA II	INAP.	23.5	33.0	23.5	4.65		NAVOJOA	0.0	25.5	33.0	24.0	6.55		
	EMPALME	0.0	27.7	33.0	25.7	4.28		S.BERNARDO	19.0	24.0	31.5	22.0	5.22		
	S. J. DE PIMAS	-	-	-	-	-		TEZOCOMA	2.0	23.0	31.0	21.5	4.40		
GUAYMAS	0.0	26.0	31.1	26.0			RÍO FUERTE	ALAMOS	10.1	21.9	29.2	21.5			

PRECIPITACIÓN MÁXIMA (mm)	66.2	CANANEA				
	YAQUI	MAYO	MATAPE	SONORA	ASUNCION	SONOYTA
PRECIPITACIÓN MEDIA	14.4	10.1	6.0	17.9	#VALOR!	6.0
TEMPERATURA MÍNIMA	13.0	VARIAS				
TEMPERATURA MÁXIMA	39.0	BACERAC				

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	828.50
P. ELIAS CALLES	296.80	290.50	283.10
ALVARO OBREGON	112.20	105.50	97.92
ABRAHAM GONZALEZ	2051.30	2047.80	2043.42
A.RUIZ CORTINES	145.47	135.00	124.98
EL MOLINITO	293.40	289.36	279.95
A. RODRIGUEZ L.	228.40	226.98	216.03
CUAUHTEMOC	600.25	597.00	589.20
I.R. ALATORRE	102.71	100.00	92.30