

**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	NAMO		2015	AYER	HOY	PRORAC(%)		O.T. (Qm)		% 2016	% 2015	DIF. ALM. 2016-15						
	(hm <sup>2</sup> )	(hm <sup>2</sup> )		(hm <sup>3</sup> )	(hm <sup>3</sup> )	(hm <sup>3</sup> )	(m <sup>3</sup> /s)		LIBRE	CONTROLADO									
LAZARO CARDENAS	1,116.5	703.4	0.0	728.038	668.725	668.725	0.0	9.1	7.000	0.0	0.0	95.1	103.5	-59.3	0.0	0.79			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,327.350	2,627.560	2,644.990	17.4	356.6	152.770	0.0	0.0	93.4	82.1	317.6	0.0	30.81			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,494.160	1,984.830	1,993.520	8.7	11.0	49.375	0.0	0.0	65.9	82.5	-500.6	0.0	0.95			
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.574	89.300	90.600	1.3	160.0	0.000	144.8	0.0	106.0	101.3	4.0	2.5	13.83			
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>5,549.548</b>	<b>5,281.115</b>	<b>5,307.235</b>	<b>26.1</b>	<b>376.7</b>	<b>209.145</b>	<b>0.0</b>	<b>0.0</b>	<b>80.9</b>	<b>84.6</b>	<b>-242.3</b>		<b>46.37</b>			
A.RUIZ CORTINES	1,822.6	950.3	24.8	794.713	705.924	731.254	25.3	294.9	0.000	0.0	0.0	77.0	83.6	-63.5	2.0	25.48			
EL MOLINITO	233.9	130.2	0.5	41.472	24.088	24.088	0.0	0.3	0.000	0.0	0.0	18.5	31.9	-17.4	0.0	0.03			
A. RODRIGUEZ L.	284.5	219.5	0.0	19.538	2.284	2.284	0.0	0.2	0.000	0.0	0.0	1.0	8.9	-17.3	0.0	0.01			
CUAUHTEMOC	66.3	41.5	1.5	15.827	11.619	11.710	0.1	1.6	0.280	0.0	0.0	28.2	38.2	-4.1	0.0	0.14			
I.R. ALATORRE	29.7	16.2	1.0	5.395	2.098	2.139	0.0	0.5	0.000	0.0	0.0	13.2	33.4	-3.3	16.5	0.05			
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>6,513.067</b>	<b>6,116.428</b>	<b>6,169.310</b>	<b>52.9</b>	<b>834.1</b>	<b>209.425</b>	<b>144.8</b>	<b>0.0</b>	<b>77.1</b>	<b>81.4</b>	<b>-343.8</b>		<b>72.07</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	3.30	319.95
SONORA	OREGANO II	5.07	0.25	YAQUI	PASO NACORI-CFE	2.69	499.54
	EL CAJON	1.66	0.32		EL CUBIL- CFE	2.91	389.58
	ARIZPE-CEA	-	-		SAN BERNARDO	157.34	245.00
				MAYO	TEZOCOMA	10.30	9.62

**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	23.0	39.0	22.0	9.54		COCORAQUE	COCORAQUE	0.0	23.5	31.5	21.5	3.51	
	PTO. PEÑASCO	0.0	29.0	36.6	24.5	-			GUÁPOCA-CFE	2.3	18.3	27.6	18.1	2.58	
SANTA CRUZ	NOGALES	0.0	19.2	30.7	19.2			P. NACORI-CFE	0.0	25.1	36.9	23.5	3.15		
ASUNCION	ALTAR	0.0	24.0	38.0	20.2	8.35		EL CUBIL-CFE	9.5	24.2	36.0	24.2	4.50		
	PITIQUITO	0.0	23.0	37.5	19.0			ABRAHAM GLEZ	2.5	13.0	23.0	13.0	3.10		
	IMURIS	0.0	16.0	35.0	14.0	4.01		AGUA PRIETA	0.0	21.0	35.0	18.0	6.83		
	CUAUHTEMOC	0.0	20.5	33.0	15.5			ANGOSTURA	0.0	21.5	35.3	17.0	6.45		
	STA. ROSA II	0.0	28.0	35.0	23.0			ARIBABI	0.0	17.0	28.0	16.0			
SONORA	ACONCHI	0.0	22.0	37.0	21.0			BACERAC	0.0	19.0	38.0	19.0			
	ARIZPE-CEA	0.0	15.0	33.0	13.0			HUACHINERAS	0.0	17.0	36.0	16.0			
	BACANUCHI	0.0	-	-	-	-		TEPACHE	0.0	25.0	37.0	25.0			
	BANAMICHI	0.0	21.0	36.0	21.0			P. EL NOVILLO	0.0	24.7	33.6	24.7	3.00		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	17.0	33.0	15.0	9.47		
	EL CAJON	0.0	23.5	36.5	23.5	7.37		OVIACHIC	0.0	26.0	36.0	25.0	5.30		
	HILLO. NTE.	0.3	27.0	37.5	26.0			CD. OBREGON	0.0	29.0	37.0	24.0	6.75		
	HILLO. OBS.	0.0	28.0	40.0	27.0	4.65		YECORA	20.2	16.0	25.5	15.0	3.54		
	OREGANO II	0.0	25.0	39.5	23.0	7.22		YEPACHIC	1.0	11.0	25.0	10.0			
	EL MOLINITO	0.0	23.5	38.5	23.5	6.00		TEMOSACHIC	15.7	14.6	23.8	14.6	0.44		
	QUEROBABI	0.0	19.0	38.0	18.0			VICAM	0.0	26.5	34.5	24.5	7.17		
	CANANEA	0.0	16.5	29.0	16.0			OBS. OBREGÓN	0.0	26.8	34.4	25.4	4.06		
MATAPE	MAZATAN	0.0	-	-	-	-		MAYO	BASASEACHIC	6.3	14.5	21.6	14.5		
	P. PTA. AGUA	16.5	24.0	36.5	24.0	5.00			A.R. CORTINES	2.0	25.0	30.0	22.0	3.37	
	PTA. AGUA II	0.8	22.0	35.5	22.0	4.24			NAVOJOA	0.0	26.0	34.0	22.0	5.02	
	EMPALME	0.0	30.8	35.3	27.1	6.25			S. BERNARDO	3.6	24.5	30.5	21.0	2.75	
	S. J. DE PIMAS	0.0	27.0	35.0	24.0				TEZOCOMA	2.0	23.0	30.0	22.0	2.50	
	GUAYMAS	0.0	28.0	34.8	28.0				RÍO FUERTE	ALAMOS	8.8	22.8	29.8	22.8	

PRECIPITACIÓN MÁXIMA (mm)	20.2	YECORA					
PRECIPITACIÓN MEDIA	2.7	YAQUI	MAYO	MATAPE	SONORA	ASUNCIÓN	SONOYTA
		2.8	2.9	0.0	0.0	0.0	
TEMPERATURA MÍNIMA	10.0	YEPACHIC					
TEMPERATURA MÁXIMA	40.0	HILLO. OBS.					

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR			
TESIA	93.0		
SAN IGNACIO	54.0		
CIANO	74.0		

PRESA	NAME (m)	NAMO (m)	ELEVACION (m) A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.77
P. ELIAS CALLES	296.80	290.50	288.56
ALVARO OBREGON	112.20	105.50	99.26
ABRAHAM GONZALEZ	2051.30	2047.80	2048.60
A.RUIZ CORTINES	145.47	135.00	131.42
EL MOLINITO	293.40	289.36	280.86
A. RODRIGUEZ L.	228.40	226.98	216.14
CUAUHTEMOC	600.25	597.00	590.50
I.R. ALATORRE	102.71	100.00	94.60