

**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							
									PROPORCIÓN (m <sup>3</sup> /s)	LIBRE (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)	2016	2015	2016-15					
LAZARO CARDENAS	1,116.5	703.4	0.0	727.260	658.851	662.508	3.7	51.9	7.000	0.0	0.0	94.2	103.4	-64.8	13.4	4.48			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,230.060	2,415.890	2,478.210	62.3	876.5	151.930	0.0	0.0	87.5	78.7	248.2	0.0	75.73			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,453.060	1,874.620	1,888.320	13.7	86.1	60.780	0.0	0.0	62.5	81.1	-564.7	0.0	7.44			
ABRAHAM GONZALEZ	109.6	85.4	1.6	85.692	93.070	90.405	-2.7	106.0	0.000	136.7	0.0	105.8	100.3	4.7	1.5	9.16			
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>5,410.380</b>	<b>4,949.361</b>	<b>5,029.038</b>	<b>79.7</b>	<b>1,014.5</b>	<b>219.710</b>	<b>0.0</b>	<b>0.0</b>	<b>76.7</b>	<b>82.5</b>	<b>-381.3</b>		<b>96.81</b>			
A.RUIZ CORTINES	1,822.6	950.3	24.8	714.312	567.179	589.215	22.0	262.9	6.500	0.0	0.0	62.0	75.2	-125.1	0.0	22.72			
EL MOLINITO	233.9	130.2	0.5	34.460	22.927	22.874	-0.1	0.0	0.000	0.0	0.0	17.6	26.5	-11.6	0.0	0.00			
A. RODRIGUEZ L.	284.5	219.5	0.0	13.171	1.625	1.609	0.0	0.0	0.000	0.0	0.0	0.7	6.0	-11.6	0.0	0.00			
CUAUHTEMOC	66.3	41.5	1.5	16.049	12.196	12.196	0.0	0.2	0.000	0.0	0.0	29.4	38.7	-3.9	0.0	0.02			
I.R. ALATORRE	29.7	16.2	1.0	4.940	1.683	1.824	0.1	1.7	0.000	0.0	0.0	11.3	30.6	-3.1	0.0	0.15			
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>6,279.004</b>	<b>5,648.041</b>	<b>5,747.161</b>	<b>99.1</b>	<b>1,385.3</b>	<b>226.210</b>	<b>136.7</b>	<b>0.0</b>	<b>71.8</b>	<b>78.5</b>	<b>-531.8</b>		<b>119.69</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	3.29	317.61
SONORA	OREGANO II	5.16	1.10	YAQUI	PASO NACORI-CFE	3.76	926.44
	EL CAJON	1.66	0.33		EL CUBIL- CFE	4.49	1047.33
	ARIZPE-CEA	-	-	MAYO	SAN BERNARDO	157.08	211.63
				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	-	-	-	-	COCORAQUE	COCORAQUE	23.0	24.0	36.5	23.0	6.02		
	PTO. PEÑASCO	0.0	31.5	37.0	27.0	-		YAQUI	GUÁPOCA-CFE	7.8	14.9	27.6	14.9	1.11	
SANTA CRUZ	NOGALES	0.0	23.6	31.5	21.7			P. NACORI-CFE	0.0	20.6	32.6	20.6	2.71		
ASUNCION	ALTAR	0.0	38.0	41.5	25.4	8.70		EL CUBIL-CFE	0.0	21.6	35.5	21.6	3.18		
	PITIQUITO	0.0	23.0	41.0	23.0			ABRAHAM GLEZ	1.5	11.0	17.0	10.0	2.50		
	IMURIS	-	-	-	-	-		AGUA PRIETA	0.0	21.0	34.0	19.0	6.27		
	CUAUHTEMOC	0.0	26.0	39.0	18.0			ANGOSTURA	13.4	21.1	33.6	21.1	7.86		
	STA. ROSA II	0.0	23.0	39.0	22.0			ARIBABI	0.0	17.0	30.0	15.0			
SONORA	ACONCHI	0.0	20.0	36.0	19.0			BACERAC	0.0	15.0	35.0	14.0			
	ARIZPE-CEA	0.0	19.0	30.0	18.0			HUACHINERAS	0.0	16.0	36.0	15.0			
	BACANUCHI	0.0	17.0	31.5	15.0	7.10		TEPACHE	0.0	21.0	36.0	21.0			
	BANAMICHI	0.0	21.0	35.5	20.0			P. EL NOVILLO	0.0	22.0	34.7	22.0	4.52		
	RAYON	-	-	-	-	-		NACAZARI	0.0	22.0	35.0	19.0	8.14		
	EL CAJON	0.0	21.0	38.0	20.0	8.47		OVIACHIC	0.0	27.0	36.0	25.0	9.05		
	HILLO. NTE.	0.0	27.5	38.5	27.0			CD. OBREGON	4.0	30.0	41.0	24.0	4.60		
	HILLO. OBS.	0.0	26.0	40.5	26.0	5.15		YECORA	0.0	16.0	29.0	13.0	5.39		
	OREGANO II	0.0	24.5	38.5	22.0	6.33		YEPACHIC	0.0	12.0	24.0	11.0			
	EL MOLINITO	0.0	23.5	33.0	23.5	6.80		TEMOSACHIC	INAP.	9.6	21.6	9.6	2.09		
QUEROBABI	0.0	23.0	37.0	21.0			VICAM	INAP.	28.0	38.0	24.0	7.14			
CANANEA	0.0	17.5	31.5	17.0			OBS. OBREGÓN	44.8	29.0	38.4	24.2	9.86			
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACHIC	0.0	12.7	20.5	12.7		
	P. PTA. AGUA	0.0	24.0	34.0	21.0	6.49		A.R. CORTINES	0.0	26.0	34.5	25.0	3.15		
	PTA. AGUA II	0.0	23.0	35.0	22.5	7.30		NAVOJOA	0.3	27.0	37.5	25.0	5.66		
	EMPALME	0.0	28.9	37.5	26.4	5.50		S. BERNARDO	INAP.	25.5	36.5	23.0	3.65		
	S. J. DE PIMAS	-	-	-	-	-		TEZOCOMA	12.0	24.0	33.5	21.5	5.45		
	GUAYMAS	0.0	27.0	33.0	27.0			RÍO FUERTE	ALAMOS	8.7	22.5	31.5	22.5		

PRECIPITACIÓN MÁXIMA (mm)	44.8	OBS. OBREGÓN	
	YAQUI	MAYO	MATAPE
PRECIPITACIÓN MEDIA	4.2	3.1	6.0
			SONORA
TEMPERATURA MÍNIMA	9.6	TEMOSACHIC	
TEMPERATURA MÁXIMA	41.5	ALTAR	

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	829.60
P. ELIAS CALLES	296.80	290.50	286.87
ALVARO OBREGON	112.20	105.50	98.52
ABRAHAM GONZALEZ	2051.30	2047.80	2048.57
A.RUIZ CORTINES	145.47	135.00	128.71
EL MOLINITO	293.40	289.36	280.63
A. RODRIGUEZ L.	228.40	226.98	215.99
CUAUHTEMOC	600.25	597.00	590.65
I.R. ALATORRE	102.71	100.00	94.35