

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

PRESA	CAP.		VOL. MUERTO (hm <sup>3</sup> )	ALMAC.				DIFERENCIA EN 24 hr (hm <sup>2</sup> )	ENTRADAS CUENCA			SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm <sup>3</sup> )
	NAME	NAMO		2015	AYER	HOY	EN 24 hr		O.T. (Qm)			VERTEDOR							
	(hm <sup>2</sup> )	(hm <sup>2</sup> )		(hm <sup>2</sup> )	(hm <sup>2</sup> )	(hm <sup>2</sup> )	(hm <sup>2</sup> )		PROPRIO (m <sup>3</sup> /s)	LIBRE (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)	LIBRE (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)					
LAZARO CARDENAS	1,116.5	703.4	0.0	684.637	654.097	653.000	-1.1	0.0	7.000	0.0	0.0	0.0	92.8	97.3	-31.6	0.0	0.00		
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,157.170	2,301.010	2,297.110	-3.9	23.1	60.000	0.0	0.0	0.0	81.1	76.1	139.9	0.0	2.00		
ALVARO OBREGON	4,409.4	3,023.1	55.0	1,827.360	1,542.780	1,542.780	0.0	0.0	16.810	0.0	0.0	0.0	51.0	60.4	-284.6	0.0	0.00		
ABRAHAM GONZALEZ	109.6	85.4	1.6	68.895	63.971	63.638	-0.3	0.0	2.100	0.0	0.0	0.0	74.5	80.6	-5.3	0.0	0.00		
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>4,669.167</b>	<b>4,497.887</b>	<b>4,492.890</b>	<b>-5.0</b>	<b>23.1</b>	<b>83.810</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>68.5</b>	<b>71.2</b>	<b>-176.3</b>		<b>2.00</b>		
A.RUIZ CORTINES	1,822.6	950.3	24.8	369.843	242.650	242.394	-0.3	0.0	0.000	0.0	0.0	0.0	25.5	38.9	-127.4	0.0	0.00		
EL MOLINITO	233.9	130.2	0.5	71.908	19.192	19.148	0.0	0.0	0.000	0.0	0.0	0.0	14.7	55.2	-52.8	0.0	0.00		
A. RODRIGUEZ L.	284.5	219.5	0.0	1.350	1.861	1.813	0.0	0.0	0.230	0.0	0.0	0.0	0.8	0.6	0.5	0.0	0.00		
CUAUHTEMOC	66.3	41.5	1.5	19.496	11.619	11.558	-0.1	0.2	0.670	0.0	0.0	0.0	27.9	47.0	-7.9	0.0	0.01		
I. R. ALATORRE	29.7	16.2	1.0	0.000	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00		
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>5,200.659</b>	<b>4,837.180</b>	<b>4,831.441</b>	<b>-5.7</b>	<b>23.3</b>	<b>86.810</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>60.4</b>	<b>65.0</b>	<b>-369.2</b>		<b>2.01</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	0.52	1.51
SONORA	OREGANO II	5.00	0.00	YAQUI	PASO NACORI-CFE	0.61	1.73
	EL CAJON	1.62	-		EL CUBIL- CFE	0.98	4.81
	ARIZPE-CEA	-	-	MAYO	SAN BERNARDO	155.16	0.00
					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	16.0	35.0	14.0	9.84		COCORAQUE	COCORAQUE	0.0	-	-	-	-	
	PTO. PEÑASCO	0.0	23.5	30.0	21.8	7.80			GUÁPOCA-CFE	0.0	15.0	30.4	14.7	-	
SANTA CRUZ	NOGALES	0.0	17.0	29.1	14.5			YAQUI	P. NACORI-CFE	0.0	21.3	36.0	21.3	-	
ASUNCION	ALTAR	0.0	18.0	35.5	15.0	7.40		EL CUBIL-CFE	0.0	21.8	38.9	21.8	-		
	PITIQUITO	0.0	15.5	34.5	9.0			ABRAHAM GLEZ.	0.0	12.0	28.0	4.0	9.10		
	MURIS	0.0	18.0	35.0	9.0	10.27		AGUA PRIETA	0.0	-	-	-	-		
	CUAUHTEMOC	0.0	17.0	33.5	12.0			ANGOSTURA	0.0	20.5	34.5	17.5	9.81		
	STA. ROSA II	0.0	14.0	32.0	12.0			ARIBABI	0.0	22.0	30.0	15.0			
SONORA	ACONCHI	0.0	14.0	36.0	12.0			BACERAC	0.0	15.0	31.0	12.0			
	ARIZPE-CEA	0.0	11.0	30.0	6.0			HUACHINERAS	0.0	14.0	29.0	8.0			
	BACANUCHI	0.0	15.0	32.0	6.0	9.20		TEPACHE	0.0	-	-	-			
	BANAMICHI	0.0	16.0	36.5	15.0			P. EL NOVILLO	0.0	23.6	35.8	23.0	10.83		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	16.0	31.0	13.0	-		
	EL CAJON	0.0	-	-	-	-		OVIACHIC	0.0	25.0	39.0	19.0	7.60		
	HILLO. NTE.	0.0	-	-	-	-		CD. OBREGON	INAP.	26.0	38.0	20.0	12.28		
	HILLO. OBS.	0.0	26.6	38.0	16.5	10.26		YECORA	INAP.	18.0	31.0	7.0	9.13		
	OREGANO II	0.0	19.0	38.5	16.0	8.56		YEPACHIC	0.0	14.0	30.0	6.0			
	EL MOLINITO	0.0	19.0	39.5	16.5	9.30		TEMOSACHIC	0.0	11.4	28.2	11.4	9.45		
QUEROBABI	0.0	15.0	37.0	9.0			VICAM	INAP.	23.0	36.5	21.0	11.95			
CANANEA	0.0	18.0	29.0	13.0			OBS. OBREGÓN	0.3	25.6	36.6	12.0	7.02			
MATAPE	MAZATAN	0.0	-	-	-	-		MAYO	BASASEACHIC	0.0	11.8	25.9	8.8		
	P. PTA. AGUA	0.0	20.5	36.5	15.5	8.76		A.R.CORTINES	0.0	18.0	36.0	16.0	11.15		
	PTA. AGUA II	0.0	13.0	37.0	12.5	9.90		NAVOJOA	0.0	-	-	-	-		
	EMPALME	0.0	23.8	33.0	18.7	6.60		S.BERNARDO	0.0	29.0	40.0	21.5	12.91		
	S. J. DE PIMAS	0.0	-	-	-	-		TEZOCOMA	0.0	25.5	37.0	16.5	11.95		
	GUAYMAS	0.0	18.6	33.6	15.6			RÍO FUERTE	ALAMOS	0.0	23.9	35.1	22.8		

PRECIPITACIÓN MÁXIMA (mm)	0.3	OBS. OBREGÓN				
	YAQUI	MAYO	MATAPE	SONORA	ASUNCIÓN	SONOYTA
PRECIPITACIÓN MEDIA	0.0	0.0	0.0	0.0	0.0	0.0
TEMPERATURA MÍNIMA	4.0	ABRAHAM GLEZ.				
TEMPERATURA MÁXIMA	40.0	S.BERNARDO				

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

PRESA	NAME (m)	NAMO (m)	ELEVACION (m) A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.34
P. ELIAS CALLES	296.80	290.50	285.04
ALVARO OBREGON	112.20	105.50	95.80
ABRAHAM GONZALEZ	2051.30	2047.80	2044.16
A.RUIZ CORTINES	145.47	135.00	119.06
EL MOLINITO	293.40	289.36	279.91
A. RODRIGUEZ L.	228.40	226.98	216.04
CUAUHTEMOC	600.25	597.00	590.45
I. R. ALATORRE	102.71	100.00	91.20