

**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 PROPAC (m <sup>3</sup> /s)	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> )			VERTEDOR		2016 (m <sup>3</sup> /s)						2015 (m <sup>3</sup> /s)	2016-15 (m <sup>3</sup> /s)
						LIBRE (m <sup>3</sup> /s)			CONTROLADO (m <sup>3</sup> /s)									
LAZARO CARDENAS	1,116.5	703.4	0.0	729.205	667.262	666.897	-0.4	5.1	7.000	0.0	0.0	94.8	103.7	-62.3	0.0	0.44		
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,403.820	2,789.330	2,765.100	-24.2	258.6	154.250	0.0	379.8	97.6	84.8	361.3	6.2	22.35		
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,589.640	2,114.460	2,159.940	45.5	94.8	68.656	0.0	0.0	71.4	85.7	-429.7	0.0	8.19		
ABRAHAM GONZALEZ	109.6	85.4	1.6	85.566	87.090	87.805	0.7	54.2	0.000	45.5	0.0	102.8	100.1	2.2	5.0	4.68		
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>5,722.665</b>	<b>5,571.052</b>	<b>5,591.937</b>	<b>20.9</b>	<b>358.5</b>	<b>229.906</b>	<b>0.0</b>	<b>379.8</b>	<b>85.2</b>	<b>87.2</b>	<b>-130.7</b>		<b>35.65</b>		
A.RUIZ CORTINES	1,822.6	950.3	24.8	864.003	873.929	875.170	1.2	46.8	28.880	0.0	0.0	92.1	90.9	11.2	3.6	4.04		
EL MOLINITO	233.9	130.2	0.5	43.553	26.109	26.109	0.0	0.5	0.000	0.0	0.0	20.1	33.5	-17.4	0.0	0.04		
A. RODRIGUEZ L.	284.5	219.5	0.0	19.945	1.672	1.625	0.0	0.0	0.000	0.0	0.0	0.7	9.1	-18.3	0.0	0.00		
CUAUHTEMOC	66.3	41.5	1.5	18.025	11.589	11.528	-0.1	0.2	0.720	0.0	0.0	27.8	43.5	-6.5	0.0	0.02		
I.R. ALATORRE	29.7	16.2	1.0	6.908	2.014	2.000	0.0	0.0	0.000	0.0	0.0	12.4	42.7	-4.9	0.0	0.00		
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>6,760.665</b>	<b>6,573.455</b>	<b>6,596.174</b>	<b>22.7</b>	<b>460.2</b>	<b>259.506</b>	<b>45.5</b>	<b>379.8</b>	<b>82.4</b>	<b>84.5</b>	<b>-164.5</b>		<b>39.76</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	1.98	86.59
SONORA	OREGANO II	5.06	0.17	YAQUI	PASO NACORI-CFE	1.90	200.63
	EL CAJON	1.66	0.29		EL CUBIL- CFE	2.25	205.70
	ARIZPE-CEA	-	-		SAN BERNARDO	156.15	74.02
				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	0.0	20.0	38.0	18.0	11.42		COCORAQUE	COCORAQUE	INAP.	24.5	36.0	24.0	6.41	
	PTO. PEÑASCO	0.0	26.5	36.3	26.4	-			GUÁPOCA-CFE	22.6	18.3	31.3	16.4	5.46	
SANTA CRUZ	NOGALES	0.0	21.4	35.4	21.4			P. NACORI-CFE	38.7	23.4	41.8	22.6	7.25		
ASUNCION	ALTAR	0.0	27.8	39.5	25.4	7.90		EL CUBIL-CFE	24.5	23.5	42.5	21.6	7.64		
	PITIQUITO	0.0	22.0	38.0	15.0			ABRAHAM GLEZ.	5.0	15.0	28.0	13.0	6.20		
	IMURIS	0.0	18.0	38.0	14.0	4.92		AGUA PRIETA	0.0	23.0	37.0	19.0	5.70		
	CUAUHTEMOC	0.0	27.5	38.0	15.5			ANGOSTURA	0.0	-	-	-	7.00		
	STA. ROSA II	0.0	24.0	38.0	23.0			ARIBABI	INAP.	17.0	33.0	13.0			
SONORA	ACONCHI	17.5	21.0	40.0	19.0			BACERAC	0.0	20.0	37.0	17.0			
	ARIZPE-CEA	0.0	15.0	37.0	12.0			HUACHINERAS	0.0	18.0	39.0	17.0			
	BACANUCHI	0.0	20.0	37.5	16.0	8.90		TEPACHE	4.0	22.0	41.0	22.0			
	BANAMICHI	0.0	22.0	42.0	22.0			P. EL NOVILLO	6.2	24.1	40.4	20.9	6.16		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	19.0	37.0	16.0	10.34		
	EL CAJON	0.0	23.0	40.0	23.0	7.46		OVIACHIC	0.0	26.0	42.0	25.5	3.80		
	HILLO. NTE.	0.0	-	-	-	-		CD. OBREGON	INAP.	27.0	39.0	25.0	9.05		
	HILLO. OBS.	0.0	27.0	44.0	27.0	9.05		YECORA	41.7	17.0	32.0	15.0	3.57		
	OREGANO II	0.0	25.5	43.5	23.5	7.58		YEPACHIC	-	-	-	-			
	EL MOLINITO	0.0	25.0	44.0	22.0	9.25		TEMOSACHIC	17.2	15.8	30.0	15.8	3.94		
	QUEROBABI	0.0	22.0	44.0	22.0			VICAM	INAP.	25.0	38.0	24.0	11.23		
CANANEA	0.0	18.0	33.5	17.5			OBS. OBREGON	INAP.	26.0	38.2	24.0	3.40			
MATAPE	MAZATAN	0.0	21.0	36.0	17.5	4.75		MAYO	BASASEACHIC	11.9	14.8	26.5	14.6		
	P. PTA. AGUA	0.0	24.5	39.0	21.5	7.15		A.R. CORTINES	3.6	25.0	38.0	24.5	6.30		
	PTA. AGUA II	0.0	23.0	40.5	23.0	7.85		NAVOJOA	0.1	25.5	38.0	25.0	7.24		
	EMPALME	0.0	28.8	37.0	28.0	7.10		S. BERNARDO	9.7	23.0	39.0	22.0	7.91		
	S. J. DE PIMAS	0.0	25.0	42.0	21.0			TEZOCOMA	48.0	23.5	36.0	23.0	6.45		
	GUAYMAS	0.0	28.2	36.0	25.4			RÍO FUERTE	ALAMOS	11.4	22.4	33.3	22.4		

PRECIPITACIÓN MÁXIMA (mm)	48.0	TEZOCOMA					
PRECIPITACIÓN MEDIA	11.4	14.7	6.0	1.5	0.0	0.0	
TEMPERATURA MÍNIMA	12.0	ARIZPE-CEA					
TEMPERATURA MÁXIMA	44.0	VARIAS					

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR			
TESIA	1.1		

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.72
P. ELIAS CALLES	296.80	290.50	289.80
ALVARO OBREGON	112.20	105.50	100.38
ABRAHAM GONZALEZ	2051.30	2047.80	2048.17
A.RUIZ CORTINES	145.47	135.00	133.84
EL MOLINITO	293.40	289.36	281.21
A. RODRIGUEZ L.	228.40	226.98	216.00
CUAUHTEMOC	600.25	597.00	590.44
I.R. ALATORRE	102.71	100.00	94.50