

**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 PROPORA(Cm) (m <sup>3</sup> /s)	SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm <sup>3</sup> )	
	NAME	NAMO		2015	AYER	HOY			VERTEDOR		2016						2015
	(hm <sup>2</sup> )	(hm <sup>2</sup> )		(hm <sup>2</sup> )	(hm <sup>2</sup> )	(hm <sup>2</sup> )			O.T. (Qm)	LIBRE							
LAZARO CARDENAS	1,116.5	703.4	0.0	717.536	628.516	629.580	1.1	21.8	7.000	0.0	0.0	89.5	102.0	-88.0	0.0	1.89	
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,086.110	2,239.580	2,251.690	12.1	253.2	108.200	0.0	0.0	79.5	73.6	165.6	0.0	21.88	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,431.680	1,818.050	1,818.050	0.0	0.0	71.570	0.0	0.0	60.1	80.4	-613.6	0.0	0.00	
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.637	64.970	66.524	1.6	18.8	0.600	0.0	0.0	77.9	101.4	-20.1	0.0	1.63	
<b>SUBTOTAL RIO YAQUI</b>	<b>9,037.8</b>	<b>6,559.6</b>	<b>657.6</b>	<b>5,235.326</b>	<b>4,686.146</b>	<b>4,699.320</b>	<b>13.2</b>	<b>275.1</b>	<b>186.770</b>	<b>0.0</b>	<b>0.0</b>	<b>71.6</b>	<b>79.8</b>	<b>-536.0</b>		<b>25.39</b>	
A.RUIZ CORTINES	1,822.6	950.3	24.8	631.506	499.761	509.127	9.4	111.3	0.000	0.0	0.0	53.6	66.5	-122.4	0.0	9.62	
EL MOLINITO	233.9	130.2	0.5	34.481	20.498	20.657	0.2	2.2	0.000	0.0	0.0	15.9	26.5	-13.8	0.0	0.19	
A. RODRIGUEZ L.	284.5	219.5	0.0	15.067	1.672	1.625	0.0	0.0	0.000	0.0	0.0	0.7	6.9	-13.4	0.0	0.00	
CUAUHTEMOC	66.3	41.5	1.5	16.604	9.781	9.781	0.0	0.2	0.000	0.0	0.0	23.6	40.0	-6.8	0.0	0.02	
I.R. ALATORRE	29.7	16.2	1.0	3.973	1.116	1.106	0.0	0.0	0.000	0.0	0.0	6.8	24.6	-2.9	0.0	0.00	
<b>TOTAL</b>	<b>11,584.4</b>	<b>8,002.7</b>	<b>687.1</b>	<b>6,023.594</b>	<b>5,283.944</b>	<b>5,308.140</b>	<b>24.2</b>	<b>407.6</b>	<b>187.370</b>	<b>0.0</b>	<b>0.0</b>	<b>66.3</b>	<b>75.3</b>	<b>-715.5</b>		<b>35.21</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	1.87	75.49
SONORA	OREGANO II	5.12	0.65	YAQUI	PASO NACORI-CFE	1.88	195.35
	EL CAJON	1.67	0.36		EL CUBIL- CFE	2.31	220.25
	ARIZPE-CEA	-	-		SAN BERNARDO	156.10	70.24
				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	25.5	41.5	20.0	10.93		COCORAQUE	COCORAQUE	0.0	24.0	41.0	23.5	8.50	
	PTO. PEÑASCO	-	-	-	-	-			YAQUI	GUÁPOCA-CFE	0.0	17.9	33.3	17.9	5.46
SANTA CRUZ	NOGALES	0.0	20.9	31.8	20.6			P. NACORI-CFE	0.0	25.6	38.2	25.4	3.99		
ASUNCION	ALTAR	0.0	29.0	42.0	26.5	7.90		EL CUBIL-CFE	0.0	24.7	40.2	24.3	6.18		
	PITIQUITO	0.0	23.0	42.0	23.0			ABRAHAM GLEZ	INAP.	15.0	29.0	13.0	4.80		
	MURIS	0.0	23.0	39.0	20.0	7.01		AGUA PRIETA	-	-	-	-	-		
	CUAUHTEMOC	0.0	26.5	39.5	21.0			ANGOSTURA	0.0	25.0	37.0	25.0	7.91		
	STA. ROSA II	0.0	23.0	39.0	22.0			ARIBABI	0.0	17.0	29.0	14.5			
SONORA	ACONCHI	0.0	23.0	37.5	22.0			BACERAC	0.0	20.0	39.0	19.0			
	ARIZPE-CEA	0.0	17.0	33.0	17.0			HUACHINERAS	0.0	20.0	39.0	18.0			
	BACANUCHI	0.0	22.0	34.0	19.0	6.05		TEPACHE	0.0	27.0	39.0	27.0			
	BANAMICHI	0.0	22.5	38.0	22.5			P. EL NOVILLO	0.0	25.9	38.9	25.0	6.82		
	RAYON	-	-	-	-	-		NACAZARI	0.0	20.0	34.0	18.0	8.14		
	EL CAJON	0.0	23.0	37.5	23.0	9.02		OVIACHIC	0.0	29.0	40.0	27.0	9.85		
	HILLO. NTE.	0.0	30.0	40.0	28.5			CD. OBREGON	0.0	30.0	43.0	27.0	8.50		
	HILLO. OBS.	0.0	29.5	41.5	26.5	9.84		YECORA	5.6	17.0	32.0	16.0	4.56		
	OREGANO II	0.0	27.5	41.5	26.0	6.75		YEPACHIC	-	-	-	-			
	EL MOLINITO	0.0	25.5	41.0	25.0	7.50		TEMOSACHIC	0.0	15.4	30.0	15.4	1.10		
	QUEROBABI	0.0	25.0	41.0	22.0			VICAM	0.0	31.0	42.0	26.0	9.80		
	CANANEA	0.0	18.5	30.5	18.0			OBS. OBREGÓN	-	-	-	-			
	MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACHIC	3.3	13.0	28.1	12.4	
P. PTA. AGUA		0.0	25.0	40.0	25.0	8.31		A.R. CORTINES		0.0	26.5	37.0	26.5	7.40	
PTA. AGUA II		0.0	24.0	38.5	23.5	6.10		NAVOJOA		-	-	-	-		
EMPALME		0.0	30.7	39.5	27.7	7.60		S. BERNARDO		5.4	24.0	40.0	23.0	8.85	
S. J. DE PIMAS		0.0	26.0	40.0	24.0			TEZOCOMA		9.0	24.0	36.0	23.0	8.30	
GUAYMAS		0.0	26.5	35.0	26.1			RÍO FUERTE		ALAMOS	0.0	25.5	36.7	24.9	

PRECIPITACIÓN MÁXIMA (mm)	9.0	TEZOCOMA				
PRECIPITACIÓN MEDIA	0.4	4.4	6.0	0.0	0.0	0.0
TEMPERATURA MÍNIMA	12.4	BASASEACHIC				
TEMPERATURA MÁXIMA	43.0	CD. OBREGON				

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	828.69
P. ELIAS CALLES	296.80	290.50	284.52
ALVARO OBREGON	112.20	105.50	98.00
ABRAHAM GONZALEZ	2051.30	2047.80	2044.68
A.RUIZ CORTINES	145.47	135.00	126.98
EL MOLINITO	293.40	289.36	280.21
A. RODRIGUEZ L.	228.40	226.98	216.00
CUAUHTEMOC	600.25	597.00	589.85
I.R. ALATORRE	102.71	100.00	93.68