

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 PROPAG(CM) (m <sup>3</sup> /s)	SALIDAS			% 2015	% 2014	DIF. ALM. 2015-14	LLUVIA (mm)	ENTRADAS (hm <sup>3</sup> )
	NAME (hm <sup>3</sup> )	NAMO (hm <sup>3</sup> )		2014 (hm <sup>3</sup> )	AYER (hm <sup>3</sup> )	HOY (hm <sup>3</sup> )	VERTEDOR										
							O.T. (Qm)			LIBRE (m <sup>3</sup> /s)	CONTROLADO (m <sup>3</sup> /s)						
LAZARO CARDENAS	1,116.5	703.4	0.0	702.6	716.8	716.8	0.0	10.3	0.0	9.2	0.0	101.9	99.9	14.1	1.1	0.89	
P. ELIAS CALLES	3,443.5	2,833.1	602.6	2,447.1	2,608.2	2,608.4	-7.8	1.5	90.3	0.0	0.0	91.8	86.4	153.4	0.8	0.13	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,664.0	2,674.9	2,674.9	0.0	6.1	24.7	0.0	0.0	88.5	88.1	10.9	0.0	0.53	
ABRAHAM GONZALEZ	109.6	85.4	1.6	83.9	85.4	85.4	0.0	0.1	0.0	0.0	0.0	100.0	98.2	1.5	0.0	0.01	
A.RUIZ CORTINES	1,822.6	950.3	24.8	751.0	758.4	756.7	-1.7	0.2	18.4	0.0	0.0	79.6	79.0	5.6	0.0	0.02	
EL MOLINITO	233.9	130.2	0.5	85.5	25.5	25.4	-0.1	0.0	0.2	0.0	0.0	19.5	65.7	-60.1	INAP.	0.00	
A. RODRIGUEZ L.	284.5	219.5	0.0	13.9	14.7	14.6	-0.1	0.0	0.0	0.0	0.0	6.6	6.4	0.6	INAP.	0.00	
CUAUHTEMOC	66.3	41.5	1.5	30.2	18.8	18.8	-0.1	0.0	0.3	0.0	0.0	45.2	72.9	-11.5	2.5	0.00	
I. R. ALATORRE	29.7	16.2	1.0	7.6	5.4	5.3	0.0	0.0	0.2	0.0	0.0	33.0	47.1	-2.3	INAP.	0.00	
<b>T O T A L</b>	<b>11,515.9</b>	<b>8,002.7</b>	<b>687.1</b>	<b>6,785.9</b>	<b>6,908.0</b>	<b>6,898.3</b>	<b>-9.7</b>	<b>18.2</b>	<b>134.1</b>	<b>9.2</b>	<b>0.0</b>	<b>86.2</b>	<b>84.8</b>	<b>112.4</b>		<b>1.58</b>	
SUBTOTAL RIO YAQUI	8,969.4	6,559.6	657.6	5,813.7	5,999.9	5,999.9	-7.8	17.9	115.0	9.2	0.0	91.3	88.6	178.4		1.55	

PRESA	ALM. AGUJAS (hm <sup>3</sup> )	PRESA	ALM. VERT. LIBRE
LAZARO CARDENAS	761.7	ADOLFO RUIZ CORTINES	1345.20
ALVARO OBREGON	3,309.2		

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	0.88	7.81
SONORA	OREGANO II	5.02	0.11	YAQUI	PASO NACORI- CFE	0.95	15.14	
	EL CAJON	1.65	0.26			EL CUBIL- CFE	1.38	24.34
	ARIZPE-CEA	-	-		MAYO	SAN BERNARDO	155.50	16.99
				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	-2.0	15.0	-3.0	1.64	helada	COCORAQUE	COCORAQUE	0.0	11.0	26.5	2.5	5.7	
	P.TO. PEÑASCO	0.0	5.5	18.0	5.0	3.65			YAQUI	GUÁPOCA-CF	0.0	2.0	17.9	-4.3	1.3
SANTA CRUZ	NOGALES	3.6	-1.8	10.0	-1.8	-				P. NACORI-CF	3.5	9.8	22.6	2.5	1.6
ASUNCION	ALTAR	INAP.	1.0	16.5	0.8	1.90			EL CUBIL-CFE	1.1	10.5	24.3	1.1	1.2	
	PITIQUITO	INAP.	2.0	18.0	-2.0	-			ABRAHAM G.	0.0	4.0	15.0	-6.0	2.5	helada
	IMURIS	0.8	1.0	13.0	-1.0	1.31			AGUA PRIET.	2.0	0.0	16.0	0.0	0.9	
	CUAUHTEMOC	2.5	3.5	20.0	1.0	-			ANGOSTURA	1.1	5.5	17.0	4.5	3.1	
	STA. ROSA II	0.0	0.0	14.0	-3.0	-			ARIBABI	-	-	-	-	0.0	
									BACERAC	11.0	4.0	17.0	2.0	0.0	
SONORA	ACONCHI	0.0	8.0	19.0	0.0	-			HUACHINERAS	34.0	3.0	12.0	0.0	0.0	
	ARIZPE-CEA	3.0	7.0	15.0	0.1	-			TEPACHE	3.0	10.0	21.0	10.0	0.0	
	BACANUCHI	2.6	3.0	16.0	-5.0	1.15			P. EL NOVILL	0.8	14.1	25.4	6.6	1.0	
	BANAMICHI	0.0	6.5	19.0	6.5	-			NACOZARI	3.0	3.0	14.0	-1.0	0.7	
	RAYON	-	-	-	-	-			OVIACHIC	0.0	16.0	24.0	11.0	2.9	
	EL CAJON	0.0	7.5	20.0	7.0	2.43			CD. OBREGON	0.0	14.0	27.0	8.0	3.1	
	HILLO. NTE.	0.0	10.5	22.0	9.0	-			YECORA	0.0	-2.0	16.0	-5.0	2.5	helada
	HILLO. OBS.	INAP.	11.0	22.5	10.0	1.94			YEPACHIC	0.0	-3.0	16.0	-6.0	0.0	helada
	OREGANO II	INAP.	9.5	21.5	8.5	2.61			TEMOSAC HIC	0.0	-2.6	15.8	-2.6	0.0	helada
	EL MOLINITO	INAP.	10.0	22.0	4.5	3.50			VICAM	0.0	12.0	26.0	6.0	1.6	
QUEROBABI	-	-	-	-	-			OBS. OBREGON	0.0	14.0	26.5	11.6	3.2		
CANANEA	2.7	-1.0	11.5	-1.5	-	helada									
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACH	0.0	1.8	12.6	1.8	0.0	
	P. PTA. AGUA	INAP.	12.0	20.0	3.5	2.85			A.R. CORTINE	0.0	11.5	24.0	10.5	2.8	
	PTA. AGUA II	1.4	11.0	22.0	6.0	1.40			NAVOJOA	0.0	11.5	26.5	8.0	3.0	
	EMPALME	0.0	14.9	23.6	14.4	3.40			S. BERNARDO	0.0	7.5	25.5	6.0	2.5	
	S. J. DE PIMAS	2.0	9.0	22.0	0.0	-			TEZOCOMA	0.0	6.0	24.0	5.0	2.5	
	GUAYMAS	INAP.	14.8	22.6	7.7	-			RIO FUERTE	ALAMOS	0.0	4.7	23.0	4.7	0.0

ESTACIONES DE APOYO

PRECIPITACIÓN MÁXIMA (mm)	34.0	HUACHINERAS				
	YAQUI	MAYO	MATAPE	SONORA	ASUNCION	SONOYTA
PRECIPITACIÓN MEDIA	3.3	0.0	1.1	1.2	0.7	0.0
TEMPERATURA MÍNIMA	-6.0	VARIAS				
TEMPERATURA MÁXIMA	27.0	CD. OBREGON				

PRESA	NAME (m)	NAMO (m)	ELEVACION (m), A LA
LAZARO CARDENAS	840.15	830.70	831.05
P. ELIAS CALLES	296.80	290.50	288.10
ALVARO OBREGON	112.20	105.50	103.55
ABRAHAM GONZALEZ	2051.30	2047.80	2047.80
A.RUIZ CORTINES	145.47	135.00	131.87
EL MOLINITO	293.40	289.36	281.10
A. RODRIGUEZ L.	228.40	226.98	218.07
CUAUHTEMOC	600.25	597.00	592.48
I. R. ALATORRE	102.71	100.00	96.50