

**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(HE) (m <sup>3</sup> /s)	SALIDAS			%	%	DIF. ALM.	LLUVIA (mm)	ENTRADAS (hm <sup>3</sup> )	
	N A M E	N A M O		2014	AYER	HOY			VERTEDOR		2015						2014
	(hm <sup>2</sup> )	(hm <sup>2</sup> )		(hm <sup>2</sup> )	(hm <sup>2</sup> )	(hm <sup>2</sup> )			O.T. (Om)	LIBRE							
LAZARO CARDENAS	1,116.5	703.4	0.0	707.6	721.0	720.6	-0.4	10.5	0.0	14.2	0.0	102.5	100.6	13.1	9.4	0.91	
P. ELIAS CALLES	3,443.5	2,833.1	602.6	2,554.9	2,708.0	2,707.0	-1.0	21.0	30.4	0.0	0.0	95.5	90.2	152.0	7.7	1.82	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,856.0	2,823.5	2,802.3	-21.3	0.0	206.3	0.0	0.0	92.7	94.5	-53.8	0.0	0.00	
ABRAHAM GONZALEZ	109.6	85.4	1.6	84.9	85.4	85.4	0.0	0.1	0.0	0.0	0.0	99.9	99.4	0.4	0.0	0.01	
A.RUIZ CORTINES	1,822.6	950.3	24.8	896.2	842.3	835.5	-6.8	6.5	83.5	0.0	0.0	87.9	94.3	-60.7	0.0	0.56	
EL MOLINITO	233.9	130.2	0.5	87.9	25.8	25.8	0.0	0.4	0.1	0.0	0.0	19.8	67.5	-62.1	3.8	0.03	
A. RODRIGUEZ L.	284.5	219.5	0.0	19.3	18.5	18.4	-0.1	0.0	0.0	0.0	0.0	8.4	8.8	-0.9	2.9	0.00	
CUAUHTEMOC	66.3	41.5	1.5	30.7	19.5	19.4	0.0	0.0	0.3	0.0	0.0	46.8	74.1	-11.3	10.5	0.00	
I.R. ALATORRE	29.7	16.2	1.0	10.0	7.1	6.9	-0.2	0.0	0.9	0.0	0.0	42.7	61.7	-3.1	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>7,247.5</b>	<b>7,251.0</b>	<b>7,221.3</b>	<b>-29.7</b>	<b>38.5</b>	<b>321.4</b>	<b>14.2</b>	<b>0.0</b>	<b>90.2</b>	<b>90.6</b>	<b>-26.3</b>		<b>3.33</b>	
SUBTOTAL RÍO YAQUI	8,969.4	6,559.6	657.6	6,118.5	6,252.5	6,229.9	-22.6	31.5	236.6	14.2	0.0	95.0	93.3	111.4		2.72	

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	0.96	10.79
SONORA	OREGANO II	5.04	0.19	YAQUI	PASO NACORI-CFE	1.03	24.22
	EL CAJON	1.66	0.32		EL CUBIL- CFE	1.42	28.03
	ARIZPE-CEA	-	-		SAN BERNARDO	155.34	5.17
				MAYO	TEZOCOMA	10.00	0.00

**CLIMATOLOGÍA**

CUENCA	ESTACION	PRECIP. (mm)	TEMPERATURA °C			EVAP. (mm)	CUENCA	ESTACION	PRECIP. (mm)	TEMPERATURA °C			EVAP. (mm)
			AMB.	MAX.	MIN.					AMB.	MAX.	MIN.	
SONOYTA	SONOYTA	0.0	9.0	24.0	9.0	2.93	COCORAQUE	COCORAQUE	0.0	18.5	27.0	16.0	3.66
	PTO. PEÑASC	0.0	17.5	24.0	15.0	3.60	YAQUI	GUÁPOCA-CFE	15.9	11.4	15.7	10.2	-
SANTA CRUZ	NOGALES	1.6	10.3	18.3	10.3	-		P. NACORI-CFE	10.8	16.0	18.1	15.9	-
	ALTAR	0.6	14.8	26.0	14.0	1.20		EL CUBIL-CFE	16.3	17.0	20.0	16.7	-
ASUNCION	PITIQUITO	INAP.	12.0	17.0	7.0	-		ABRAHAM GLE	INAP.	-	-	-	1.35
	IMURIS	-	-	-	-	-		AGUA PRIETA	-	-	-	-	-
	CUAUHTEMOC	10.5	13.0	25.0	8.0	-		ANGOSTURA	9.4	-	-	-	2.34
	STA. ROSA II	0.0	11.0	16.0	6.0	-		ARIBABI	0.0	3.0	16.0	0.0	-
SONORA	ACONCHI	10.5	11.0	19.0	6.0	-		BACERAC	14.5	16.0	26.0	13.0	-
	ARIZPE-CEA	6.0	9.0	14.0	1.0	-		HUACHINERAS	18.0	6.0	18.0	5.0	-
	BACANUCHI	3.8	13.0	17.0	12.5	1.00		TEPACHE	8.3	17.0	19.0	17.0	-
	BANAMICHI	5.5	14.5	19.0	14.5	-		P. EL NOVILLO	7.7	19.0	21.3	19.0	2.10
	RAYON	-	-	-	-	-		NACAZARI	10.3	11.0	14.0	10.0	1.00
	EL CAJON	2.0	15.5	23.5	15.5	2.29		OVIACHIC	INAP.	19.0	32.0	19.0	2.85
	HILLO. NTE.	-	-	-	-	-		CD. OBREGON	INAP.	19.0	27.0	18.0	4.21
	HILLO. OBS.	2.9	17.0	20.0	16.0	1.83	YECORA	INAP.	13.0	19.0	10.0	0.74	
OREGANO II	3.1	16.5	25.0	15.5	0.90	YEPACHIC	-	-	-	-	-		
EL MOLINITO	3.8	15.0	22.5	15.0	4.75	TEMOSACHI C.	-	-	-	-	-		
QUEROBABI	-	-	-	-	-	VICAM	0.0	17.0	26.0	17.0	0.33		
CANANEA	4.5	9.5	14.5	9.0	-	OBS. OBREGÓN	0.0	19.6	27.4	19.2	2.25		
MATAPE	MAZATAN	-	-	-	-	-	MAYO	BASASEACHIC	1.5	11.7	17.9	7.3	-
	P. PTA. AGUA	INAP.	16.0	22.0	15.5	3.41	A.R.CORTINES	0.0	21.0	27.0	20.5	3.70	
	PTA. AGUA II	2.1	14.0	26.0	14.0	1.30	NAVUJOA	-	-	-	-	-	
	EMPALME	0.0	18.2	25.1	18.2	-	S. BERNARDO	0.0	20.0	28.0	18.0	2.99	
	S. J. DE PIMAS	2.0	14.0	20.0	14.0	-	TEZOCOMA	0.0	17.5	25.0	17.0	1.10	
	GUAYMAS	0.0	19.2	23.4	19.2	-	RÍO FUERTE	ALAMOS	0.0	21.1	28.3	20.4	-

PRECIPITACIÓN MÁXIMA (mm)						ESTACIONES DE APOYO		
18.0	HUACHINERAS	ESTACION	PRECIP.	EST.	PRECIP.			
9.3	YAQUI	HILLO SUR	3.0					
0.4	MAYO							
1.0	MATAPE							
4.7	SONORA							
0.0	ASUNCIÓN							
0.0	SONOYTA							
0.0	#VALORI							
0.0	ARIBABI							
32.0	OVIACHIC							

PRESA	ELEVACION (m)
LAZARO CARDENAS	831.15
P. ELIAS CALLES	289.20
ALVARO OBREGON	104.28
ABRAHAM GONZALEZ	2047.79
A.RUIZ CORTINES	133.20
EL MOLINITO	281.16
A. RODRIGUEZ L.	218.45
CUAUHTEMOC	592.64
I. R. ALATORRE	97.19