

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

PRESA	CAP.		VOL.	ALMAC.	ALMAC.	ALMAC.	DIFERENCIA	ENTRADAS CUENCA	SALIDAS			%	%	DIF. ALM.	LLUVIA	ENTRADAS
	NAME	NAMO							O.T. (Qm)	VERTEDOR						
	(hm <sup>3</sup> )	(hm <sup>3</sup> )								LIBRE	CONTROLADO					
LAZARO CARDENAS	1,116.5	703.4	0.0	696.6	718.3	719.5	1.2	26.5	0.0	12.1	0.0	102.3	99.0	22.8	10.0	2.29
P. ELIAS CALLES	3,443.5	2,833.1	602.6	2,431.0	2,605.3	2,605.3	0.0	2.2	0.0	0.0	0.0	92.0	85.8	174.3	1.5	0.19
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,564.0	2,603.3	2,596.5	-6.8	34.1	110.2	0.0	0.0	85.9	84.8	32.4	6.5	2.94
ABRAHAM GONZALE	109.6	85.4	1.6	83.0	85.2	85.2	0.0	0.2	0.0	0.0	0.0	99.7	97.1	2.2	0.0	0.02
A.RUIZ CORTINES	1,822.6	950.3	24.8	701.1	719.4	714.9	-4.5	1.5	52.5	0.0	0.0	75.2	73.8	13.8	0.9	0.13
EL MOLINITO	233.9	130.2	0.5	83.6	25.1	25.1	0.0	0.3	0.1	0.0	0.0	19.3	64.2	-58.5	INAP.	0.03
A. RODRIGUEZ L.	284.5	219.5	0.0	11.5	12.1	12.0	-0.1	0.0	0.0	0.0	0.0	5.5	5.2	0.5	0.3	0.00
CUAUHTEMOC	66.3	41.5	1.5	29.4	18.1	19.0	0.9	10.6	0.0	0.0	0.0	45.8	71.0	-10.4	45.5	0.92
I.R. ALATORRE	29.7	16.2	1.0	6.0	4.1	4.0	-0.1	0.0	0.6	0.0	0.0	24.9	36.9	-1.9	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>6,606.2</b>	<b>6,790.9</b>	<b>6,781.5</b>	<b>-9.4</b>	<b>75.4</b>	<b>163.4</b>	<b>12.1</b>	<b>0.0</b>	<b>84.7</b>	<b>82.5</b>	<b>175.3</b>		<b>6.51</b>
SUBTOTAL RIO YAQUI	8,969.4	6,559.6	657.6	6,606.2	6,790.9	6,781.5	-9.4	62.7	110.2	12.1	0.0	90.3	86.8	229.6		5.42

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	0.76	4.31
SONORA	OREGANO II	5.01	0.13	YAQUI	PASO NACORI- CFE	0.89	9.86	
	EL CAJON	1.63	0.30			EL CUBIL- CFE	1.38	24.34
	ARIZPE-CEA	-	-		MAYO	SAN BERNARDO	155.32	3.87
				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	13.2	3.0	13.0	2.0	0.83		COCORAQUE	COCORAQUE	4.0	11.0	25.0	5.0	5.9		
	PTO. PEÑASCO	1.0	8.5	18.8	8.0	2.00		YAQUI	GUÁPOCA-CF	10.2	3.0	15.2	-1.3	0.3		
SANTA CRUZ	NOGALES	23.0	1.4	6.8	1.1				P. NACORI-CF	3.5	8.3	22.3	6.1	0.5		
ASUNCION	ALTAR	10.0	5.0	15.5	3.0	4.80				EL CUBIL-CFE	INAP.	6.8	23.7	5.2	1.0	
	PITIQUITO	6.0	1.5	14.0	1.5					ABRAHAM GL	0.0	0.0	11.0	-3.0	3.1	HELADA
	IMURIS	19.6	2.0	9.0	1.0	-				AGUA PRIET	14.0	2.0	11.0	2.0	1.3	NEVADA
	CUAUHTEMOC	45.5	2.5	18.5	0.0					ANGOSTURA	10.0	-	-	-	2.5	
SONORA	STA. ROSA II	2.5	2.0	14.0	0.0					ARIBABI	-	-	-	-		
	ACONCHI	10.0	5.0	18.0	5.0					BACERAC	5.7	4.0	15.0	3.0		SIERRA NEVADA
	ARIZPE-CEA	13.0	1.0	9.0	-1.0					HUACHINERY	14.0	2.0	12.0	-2.0		NEVADA
	BACANUCHI	3.0	0.0	11.0	0.0	1.90				TEPACHE	2.5	7.0	20.0	6.0		
	BANAMICHI	5.5	3.5	16.0	3.5				P. EL NOVILL	1.5	12.4	25.6	7.9	2.5		
	RAYON	-	-	-	-	-			NACAZARI	20.0	-1.0	23.0	-2.0	0.4		
	EL CAJON	1.8	4.5	18.0	2.0	1.31			OVACHIC	6.5	12.0	23.0	11.0	1.7		
	HILLO. NTE.	1.9	9.5	21.0	8.5				CD. OBREGO	9.0	11.0	25.0	7.0	1.6		
	HILLO. OBS.	0.3	10.5	22.0	10.0	2.17			YECORA	10.6	3.0	15.5	-5.5	-	NEVADA	
	OREGANO II	0.9	8.0	20.5	6.5	1.23	ROCIO		YEPACHIC	0.0	-2.0	15.0	-3.0		15 cm NIEVE	
EL MOLINITO	INAP.	8.0	21.5	7.0	3.70			TEMOSAC HIC	27.0	-0.8	12.6	-0.8	-	HELADA		
QUEROBABI	-	-	-	-				VICAM	13.5	10.5	25.0	4.5	3.6			
CANANEA	3.5	0.0	6.0	0.0		NEVADA		OBS. OBREGO	1.6	10.2	24.0	8.5	1.8			
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACH	0.0	-1.1	10.4	-1.1			
	P. PTA. AGUA	INAP.	6.0	20.0	5.0	3.50				A.R. CORTINE	0.9	11.5	22.5	9.5	2.7	
	PTA. AGUA II	0.0	4.5	21.5	2.5	2.06	ROCIO			NAVOJOA	3.5	8.5	25.0	6.5	2.8	
	EMPALME	11.6	11.2	22.7	10.5	1.11				S. BERNARDO	1.0	8.5	25.0	6.0	2.9	
	S. J. DE PIMAS	INAP.	12.0	20.0	3.0					TEZOCOMA	4.0	10.5	23.0	5.5	4.4	
	GUAYMAS	9.3	13.0	20.0	13.0				RIO FUERTE	ALAMOS	0.0	10.2	23.6	5.3		

PRECIPITACIÓN MÁXIMA (mm)							ESTACIONES DE APOYO			
	YAQUI	MAYO	MATAPE	SONORA	ASUNCION	SONOYTA	ESTACION	PRECIP.	EST.	PRECIP.
PRECIPITACIÓN MÁXIMA	8.8	1.9	7.0	4.4	16.7	7.1	HILLO SUR	INAP.		
TEMPERATURA MÍNIMA	-5.5		YECORA							
TEMPERATURA MÁXIMA	25.6		P. EL NOVILLO							

PRESA	NAME (m)	NAMO (m)	ELEVACION (m)	A LA
LAZARO CARDENAS	840.15	830.70		FECHA
P. ELIAS CALLES	296.80	290.50		831.12
ALVARO OBREGON	112.20	105.50		288.15
ABRAHAM GONZALEZ	2051.30	2047.80		103.09
A.RUIZ CORTINES	145.47	135.00		2047.76
EL MOLINITO	293.40	289.36		131.13
A. RODRIGUEZ L.	228.40	226.98		281.05
CUAUHTEMOC	600.25	597.00		217.76
I. R. ALATORRE	102.71	100.00		592.54
				95.81