

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.				DIFERENCIA EN 24 hr (hm ³)	ENTRADAS CUENCA PROPAC (m ³ /s)	SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm ³)
	NAME (hm ²)	NAMO (hm ²)		2015	AYER	HOY	O.T. (Qm)			VERTEDOR							
										LIBRE (m ³ /s)	CONTROLADO (m ³ /s)						
LAZARO CARDENAS	1,116.5	703.4	0.0	729.983	667.994	668.360	0.4	13.5	7.000	0.0	0.0	95.0	103.8	-61.6	22.0	1.16	
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,263.790	2,595.590	2,602.370	6.8	149.5	66.430	0.0	0.0	91.9	79.9	338.6	47.0	12.92	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,481.010	1,927.740	1,937.590	9.8	78.7	59.506	0.0	0.0	64.1	82.1	-543.4	36.0	6.80	
ABRAHAM GONZALEZ	109.6	85.4	1.6	87.415	89.820	88.390	-1.4	46.8	0.000	63.1	0.0	103.4	102.3	1.0	0.0	4.04	
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	5,474.783	5,191.324	5,208.320	17.0	241.7	132.936	0.0	0.0	79.4	83.5	-266.5		24.93	
A.RUIZ CORTINES	1,822.6	950.3	24.8	748.760	627.956	642.155	14.2	170.3	3.250	0.0	0.0	67.6	78.8	-106.6	4.2	14.71	
EL MOLINITO	233.9	130.2	0.5	41.282	22.821	23.225	0.4	5.0	0.000	0.0	0.0	17.8	31.7	-18.1	10.0	0.43	
A. RODRIGUEZ L.	284.5	219.5	0.0	20.351	1.479	1.479	0.0	0.2	0.000	0.0	0.0	0.7	9.3	-18.9	9.5	0.02	
CUAUHTEMOC	66.3	41.5	1.5	15.975	12.034	11.904	-0.1	0.0	0.650	0.0	0.0	28.7	38.5	-4.1	10.5	0.00	
I.R. ALATORRE	29.7	16.2	1.0	5.769	1.777	1.789	0.0	0.2	0.000	0.0	0.0	11.1	35.7	-4.0	5.0	0.02	
TOTAL	11,584.4	8,002.7	687.1	6,394.335	5,947.211	5,977.262	30.1	464.2	136.836	63.1	0.0	74.7	79.9	-417.1		40.10	

PRESA	ALM. AGUJAS (hm ³)
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 ³ /s)	CUENCA	ESTACION	ESCALA (m)	GASTO (m ³ /s)
SONOYTA	SONOYTA II	386.00	0.00	MATAPE	PUNTA DE AGUA II	0.77	0.09
ASUNCION	PITIQUITO II	286.10	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	2.27	122.22
SONORA	OREGANO II	5.45	3.19	YAQUI	PASO NACORI-CFE	1.81	177.37
	EL CAJON	1.66	0.38		EL CUBIL- CFE	2.09	170.60
	ARIZPE-CEA	-	-		SAN BERNARDO	157.97	387.53
				MAYO	TEZOCOMA	-	46.10

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	23.5	40.0	22.5	9.56		COCORAQUE	COCORAQUE	0.0	24.0	34.0	23.0	7.20	
	PTO. PEÑASCO	0.0	30.5	35.7	26.6	-			GUÁPOCA-CFE	4.8	19.0	29.4	19.0	2.73	
SANTA CRUZ	NOGALES	21.0	17.1	30.4	16.9			P. NACORI-CFE	4.4	22.5	37.0	22.5	5.84		
ASUNCION	ALTAR	35.0	24.0	39.5	21.6	9.30		EL CUBIL-CFE	6.0	22.3	36.9	22.3	6.46		
	PITIQUITO	7.0	19.0	39.0	18.0			ABRAHAM GLEZ	0.0	16.0	26.0	14.0	3.70		
	MURIS	4.2	16.0	36.0	15.0	6.41		AGUA PRIETA	-	-	-	-	-		
	CUAUHTEMOC	10.5	20.0	37.5	15.5			ANGOSTURA	22.0	20.6	35.4	20.6	6.84		
	STA. ROSA II	0.0	22.0	39.0	18.0			ARIBABI	39.7	15.0	29.0	15.0			
SONORA	ACONCHI	7.0	21.0	35.0	20.0			BACERAC	-	-	-	-			
	ARIZPE-CEA	0.0	15.0	33.0	14.0			HUACHINERAS	15.0	17.0	36.0	15.0			
	BACANUCHI	INAP.	18.0	34.0	15.5	3.00		TEPACHE	25.3	23.0	37.0	23.0			
	BANAMICHI	6.0	20.0	37.5	20.0			P. EL NOVILLO	47.0	23.1	34.2	23.1	5.91		
	RAYON	-	-	-	-	-		NACAZARI	0.7	17.0	35.0	15.0	10.07		
	EL CAJON	8.1	20.5	34.0	20.0	6.38		OVIACHIC	36.0	24.0	36.5	22.0	7.20		
	HILLO. NTE.	3.3	24.5	38.0	23.0			CD. OBREGON	23.0	23.0	36.5	21.0	7.05		
	HILLO. OBS.	9.5	25.0	39.5	23.5	6.99		YECORA	INAP.	19.0	29.0	17.0	5.67		
	OREGANO II	19.0	24.0	39.0	23.0	5.39		YEPACHIC	8.0	12.0	28.0	11.0			
	EL MOLINITO	10.0	22.5	38.0	22.0	6.00		TEMOSACHIC	0.6	16.4	22.8	16.4	2.51		
QUEROBABI	0.5	19.0	38.0	19.0			VICAM	41.0	26.5	36.0	22.5	6.13			
CANANEA	6.5	17.5	31.0	17.0			OBS. OBREGON	38.4	25.0	35.8	22.2	8.06			
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACHIC	5.5	16.0	23.9	14.9		
	P. PTA. AGUA	5.0	22.0	35.0	21.5	6.32			A.R. CORTINES	4.2	23.0	33.0	22.0	5.90	
	PTA. AGUA II	3.5	22.0	36.0	22.0	7.05			NAVOJOA	-	-	-	-		
	EMPALME	20.0	26.2	35.9	23.4	2.81			S. BERNARDO	48.5	24.0	33.0	21.0		
	S. J. DE PIMAS	2.0	22.0	36.0	21.0				TEZOCOMA	40.5	23.5	32.0	22.0	6.60	
	GUAYMAS	0.5	25.2	35.1	24.8				RÍO FUERTE	ALAMOS	2.8	24.0	30.6	21.6	

PRECIPITACIÓN MÁXIMA (mm)	48.5	S. BERNARDO					
PRECIPITACIÓN MEDIA	19.5	24.7	6.2	7.0	11.3	0.0	
TEMPERATURA MÍNIMA	11.0	YEPACHIC					
TEMPERATURA MÁXIMA	40.0	SONOYTA					

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR	41.5		
TESIA			
CHANG			

PRESA	NAME (m)	NAMO (m)	ELEVACION (m), A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.76
P. ELIAS CALLES	296.80	290.50	288.12
ALVARO OBREGON	112.20	105.50	98.87
ABRAHAM GONZALEZ	2051.30	2047.80	2048.26
A.RUIZ CORTINES	145.47	135.00	129.77
EL MOLINITO	293.40	289.36	280.70
A. RODRIGUEZ L.	228.40	226.98	215.91
CUAUHTEMOC	600.25	597.00	590.56
I.R. ALATORRE	102.71	100.00	94.32