

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.			DIFERENCIA EN 24 hr (hm ³)	ENTRADAS CUENCA PROPRAS (m ³ /s)	SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm ³)
	NAME (hm ²)	NAMO (hm ²)		2015 (hm ³)	AYER (hm ³)	HOY (hm ³)			VERTEDOR							
									LIBRE (m ³ /s)	CONTROLADO (m ³ /s)						
LAZARO CARDENAS	1,116.5	703.4	0.0	747.096	673.479	673.114	-0.4	4.7	7.000	0.0	0.0	95.7	106.2	-74.0	0.0	0.40
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,683.730	2,732.160	2,725.380	-6.8	79.8	152.390	0.0	0.0	96.2	94.7	41.7	0.0	6.89
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,931.320	2,412.020	2,421.820	9.8	15.4	37.660	0.0	0.0	80.1	97.0	-509.5	0.0	1.33
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.070	85.755	85.755	0.0	2.5	0.000	2.3	0.0	100.4	100.7	-0.3	1.0	0.21
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	6,362.146	5,817.659	5,820.314	2.7	99.9	197.050	0.0	0.0	88.7	97.0	-541.8		8.84
A.RUIZ CORTINES	1,822.6	950.3	24.8	977.537	1,003.460	1,004.820	1.4	44.2	25.000	0.0	0.0	105.7	102.9	27.3	0.0	3.82
EL MOLINITO	233.9	130.2	0.5	26.414	25.865	25.865	0.0	0.2	0.000	0.0	0.0	19.9	20.3	-0.5	6.0	0.02
A. RODRIGUEZ L.	284.5	219.5	0.0	29.952	1.496	1.496	0.0	0.1	0.000	0.0	0.0	0.7	13.6	-28.5	1.1	0.01
CUAUHTEMOC	66.3	41.5	1.5	20.726	12.714	12.714	0.0	0.5	0.280	0.0	0.0	30.7	50.0	-8.0	15.0	0.04
I. R. ALATORRE	29.7	16.2	1.0	9.517	2.000	1.988	0.0	0.0	0.000	0.0	0.0	12.3	58.9	-7.5	3.0	0.00
TOTAL	11,584.4	8,002.7	687.1	7,512.362	6,948.949	6,952.952	4.0	147.3	222.330	2.3	0.0	86.9	93.9	-559.4		12.73

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	0.00
ASUNCION	PITQUITO II	286.10	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	1.34	32.93
SONORA	OREGANO II	5.05	0.15	YAQUI	PASO NACORI-CFE	1.22	57.61
	EL CAJON	1.67	0.33		EL CUBIL- CFE	1.64	66.27
	ARIZPE-CEA	-	-		SAN BERNARDO	155.80	40.36
				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	0.3	19.5	29.0	18.5	5.78		COCORAQUE	COCORAQUE	0.0	20.0	38.5	20.0	7.00	
	PTO. PEÑASCO	INAP.	25.0	35.0	24.2	-			GUÁPOCA-CFE	17.7	13.2	25.5	10.3	1.54	
SANTA CRUZ	NOGALES	1.8	13.4	20.9	13.2			P. NACORI-CFE	8.0	17.3	30.6	17.3	2.92		
ASUNCION	ALTAR	8.3	18.6	36.0	18.6	7.30		EL CUBIL-CFE	7.3	21.8	34.3	20.3	7.24		
	PITQUITO	13.0	22.0	34.0	20.0			ABRAHAM GLEZ.	1.0	12.0	21.0	11.0	3.40		
	IMURIS	3.2	15.0	24.0	12.0	3.21		AGUA PRIETA	4.0	16.0	20.0	13.0	4.80		
	CUAUHTEMOC	15.0	22.5	35.0	15.5			ANGOSTURA	0.0	-	-	-	5.77		
	STA. ROSA II	28.0	24.0	30.0	20.0			ARIBABI	0.0	11.0	24.0	10.0			
SONORA	ACONCHI	0.0	20.0	29.0	19.0			BACERAC	5.0	14.0	23.0	13.0			
	ARIZPE-CEA	0.0	11.0	24.0	11.0			HUACHINERAS	10.0	8.0	25.0	7.0			
	BACANUCHI	0.0	13.0	23.5	11.0	3.10		TEPACHE	5.0	20.0	32.0	20.0			
	BANAMICHI	0.0	16.5	30.0	16.5			P. EL NOVILLO	0.0	24.5	37.9	20.2	7.11		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	12.0	28.0	11.0	4.80		
	EL CAJON	1.6	18.0	35.5	18.0	5.31		OVIACHIC	0.0	25.0	38.0	24.0	5.95		
	HILLO. NTE.	5.2	22.0	36.0	21.0			CD. OBREGON	0.0	25.5	39.0	22.0	4.72		
	HILLO. OBS.	1.1	23.0	38.0	22.0	4.83		YECORA	0.0	12.0	27.0	8.0	5.72		
	OREGANO II	4.0	22.0	38.0	20.5	7.55		YEPACHIC	2.0	7.0	30.0	6.0			
	EL MOLINITO	6.0	19.0	35.5	19.0	3.40		TEMOSACHIC	4.5	10.8	22.0	10.8	1.86		
QUEROBABI	14.0	19.0	35.0	17.0			VICAM	0.0	22.0	36.0	20.0	7.02			
CANANEA	2.2	10.5	20.5	10.0			OBS. OBREGÓN	0.0	25.8	36.0	21.0	5.02			
MATAPE	MAZATAN	INAP.	20.5	36.5	18.5	5.66		MAYO	BASASEACHIC	1.6	8.6	22.0	8.6		
	P. PTA. AGUA	3.0	20.0	35.5	17.5	5.00			A.R. CORTINES	0.0	23.0	32.5	21.5	5.58	
	PTA. AGUA II	0.4	18.5	36.5	18.5	4.73			NAVOJOA	0.0	23.0	36.0	22.0	5.11	
	EMPALME	0.0	26.6	36.4	22.3	5.29			S. BERNARDO	0.0	21.5	35.0	18.0	5.25	
	S. J. DE PIMAS	INAP.	20.0	34.0	17.0				TEZOCOMA	0.0	20.0	34.0	19.5	6.20	
	GUAYMAS	0.0	21.9	31.3	21.1				RÍO FUERTE	ALAMOS	0.0	19.9	31.8	19.9	

PRECIPITACIÓN MÁXIMA (mm)	28.0	STA. ROSA II				
	YAQUI	MAYO	MATAPE	SONORA	ASUNCIÓN	SONOYTA
PRECIPITACIÓN MEDIA	3.4	0.3	6.9	2.8	13.5	0.3
TEMPERATURA MÍNIMA	6.0		YEPACHIC			
TEMPERATURA MÁXIMA	39.0		CD. OBREGON			

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR			

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.89
P. ELIAS CALLES	296.80	290.50	289.39
ALVARO OBREGON	112.20	105.50	102.04
ABRAHAM GONZALEZ	2051.30	2047.80	2047.85
A.RUIZ CORTINES	145.47	135.00	135.80
EL MOLINITO	293.40	289.36	281.17
A. RODRIGUEZ L.	228.40	226.98	215.92
CUAUHTEMOC	600.25	597.00	590.81
I. R. ALATORRE	102.71	100.00	94.49