

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.			DIFERENCIA EN 24 hr (hm ²)	ENTRADAS CUENCA PROPRIO (m ³ /s)	SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm ³)
	NAME (hm ²)	NAMO (hm ²)		2015 (hm ²)	AYER (hm ²)	HOY (hm ²)			VERTEDOR							
									LIBRE (m ³ /s)	CONTROLADO (m ³ /s)						
LAZARO CARDENAS	1,116.5	703.4	0.0	720.648	632.060	633.478	1.4	25.4	7.000	0.0	0.0	90.1	102.5	-87.2	0.8	2.19
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,137.680	2,258.600	2,260.330	1.7	169.7	144.470	0.0	0.0	79.8	75.5	122.7	40.0	14.66
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,438.260	1,826.030	1,831.360	5.3	28.7	63.293	0.0	0.0	60.6	80.7	-606.9	0.0	2.48
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.448	67.745	69.609	1.9	22.8	1.100	0.0	0.0	81.5	101.2	-16.8	11.0	1.97
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	5,296.588	4,716.690	4,725.168	8.5	223.8	214.763	0.0	0.0	72.0	80.7	-571.4		21.31
A.RUIZ CORTINES	1,822.6	950.3	24.8	662.410	517.214	520.832	3.6	43.7	0.000	0.0	0.0	54.8	69.7	-141.6	1.9	3.78
EL MOLINITO	233.9	130.2	0.5	34.302	20.921	21.449	0.5	6.5	0.000	0.0	0.0	16.5	26.3	-12.9	45.5	0.56
A. RODRIGUEZ L.	284.5	219.5	0.0	14.152	1.593	1.593	0.0	0.3	0.000	0.0	0.0	0.7	6.4	-12.6	30.2	0.02
CUAUHTEMOC	66.3	41.5	1.5	16.419	9.809	12.034	2.2	25.9	0.000	0.0	0.0	29.0	39.6	-4.4	42.5	2.24
I.R. ALATORRE	29.7	16.2	1.0	4.042	1.097	1.126	0.0	0.4	0.000	0.0	0.0	7.0	25.0	-2.9	34.5	0.03
TOTAL	11,584.4	8,002.7	687.1	6,114.361	5,335.069	5,351.811	16.7	323.5	215.863	0.0	0.0	66.9	76.4	-762.6		27.95

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	0.93	2.59
ASUNCION	PITIQUITO II	286.10	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	1.67	57.40
SONORA	OREGANO II	5.24	1.58	YAQUI	PASO NACORI-CFE	1.68	146.01
	EL CAJON	1.66	0.33		EL CUBIL- CFE	2.05	161.05
	ARIZPE-CEA	-	-		SAN BERNARDO	156.08	72.38
				MAYO	TEZOCOMA	10.30	20.00

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	27.5	42.5	24.0	9.92		COCORAQUE	COCORAQUE	0.0	25.0	33.0	25.0	6.62	
	PTO. PEÑASCO	0.0	30.5	36.2	29.8	9.00			GUÁPOCA-CFE	7.2	19.2	31.8	21.7	4.16	
SANTA CRUZ	NOGALES	0.0	23.0	34.4	23.0			P. NACORI-CFE	39.0	23.5	38.7	21.7	7.12		
ASUNCION	ALTAR	11.4	25.6	43.5	21.8	10.55		EL CUBIL-CFE	11.8	24.0	39.8	23.3	5.92		
	PITIQUITO	13.5	23.0	39.0	19.0			ABRAHAM GLEZ	11.0	15.0	26.0	14.0	2.70		
	IMURIS	0.0	22.0	38.5	19.0	6.54		AGUA PRIETA	0.0	20.0	34.0	19.0	3.60		
	CUAUHTEMOC	42.5	27.5	41.5	18.0			ANGOSTURA	0.8	21.8	29.5	21.8	6.20		
	STA. ROSA II	23.0	26.0	41.0	22.0			ARIBABI	2.8	17.0	29.0	16.0			
SONORA	ACONCHI	2.0	23.0	38.0	22.0			BACERAC	50.0	19.0	33.0	16.0			
	ARIZPE-CEA	6.0	17.0	31.0	13.0			HUACHINERAS	44.0	19.0	39.0	17.0			
	BACANUCHI	INAP.	20.0	34.0	20.0	6.05		TEPACHE	9.0	24.0	38.0	24.0			
	BANAMICHI	7.5	22.0	38.5	21.0			P. EL NOVILLO	40.0	23.9	38.2	23.8	7.22		
	RAYON	-	-	-	-	-		NACAZARI	7.2	19.2	33.9	19.1	-		
	EL CAJON	2.0	23.0	38.0	22.0	7.82		OVIACHIC	0.0	29.0	38.0	29.0	9.90		
	HILLO. NTE.	14.0	24.0	39.0	22.0			CD. OBREGON	INAP.	28.5	32.0	26.0	9.66		
	HILLO. OBS.	30.2	24.0	41.0	22.5	10.26		YECORA	25.5	18.0	29.0	16.0	-		
	OREGANO II	27.4	24.5	40.5	23.0	7.50		YEPACHIC	48.0	14.0	30.0	11.0			
	EL MOLINITO	45.5	23.0	40.0	21.5	8.55		TEMOSACHIC	1.6	16.4	30.4	16.4	6.69		
QUEROBABI	1.0	23.0	40.0	22.0			VICAM	0.0	28.0	37.0	27.0	8.62			
CANANEA	19.2	17.5	32.5	17.0			OBS. OBREGON	INAP.	28.8	37.2	27.0	5.75			
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACHIC	20.0	15.1	27.7	15.0		
	P. PTA. AGUA	34.5	22.5	35.5	21.5	6.80			A.R. CORTINES	1.9	24.5	32.5	24.0	4.66	
	PTA. AGUA II	28.7	23.0	37.0	22.0	7.50			NAVOJOA	0.1	26.0	35.0	25.0	5.12	
	EMPALME	1.0	25.2	35.4	24.1	4.27			S. BERNARDO	3.0	24.0	34.5	23.0	4.19	
	S. J. DE PIMAS	28.0	24.0	38.0	22.0				TEZOCOMA	85.0	23.5	33.0	22.0	8.95	
	GUAYMAS	INAP.	26.0	33.0	26.0				RÍO FUERTE	ALAMOS	6.1	24.4	31.0	23.4	

PRECIPITACIÓN MÁXIMA (mm)	85.0	TEZOCOMA				
	YAQUI	MAYO	MATAPE	SONORA	ASUNCION	SONOYTA
PRECIPITACIÓN MEDIA	17.5	22.0	23.1	15.5	18.1	6.0
TEMPERATURA MÍNIMA	11.0	YEPACHIC				
TEMPERATURA MÁXIMA	43.5	ALTAR				

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR	40.2		
TESIA			

PRESA	NAME (m)	NAMO (m)	ELEVACION (m) A LA FECHA
LAZARO CARDENAS	840.15	830.70	828.80
P. ELIAS CALLES	296.80	290.50	284.62
ALVARO OBREGON	112.20	105.50	98.10
ABRAHAM GONZALEZ	2051.30	2047.80	2045.22
A.RUIZ CORTINES	145.47	135.00	127.24
EL MOLINITO	293.40	289.36	280.36
A. RODRIGUEZ L.	228.40	226.98	215.98
CUAUHTEMOC	600.25	597.00	590.60
I.R. ALATORRE	102.71	100.00	93.70