

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.			DIFERENCIA EN 24 hr (hm ³)	ENTRADAS CUENCA PROPORCION (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		% 2016						% 2015
									LIBRE (m ³ /s)	CONTROLADO (m ³ /s)							
LAZARO CARDENAS	1,116.5	703.4	0.0	749.429	674.211	673.479	-0.7	0.5	7.000	0.0	0.0	95.7	106.5	-75.9	0.0	0.04	
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,675.020	2,744.750	2,738.940	-5.8	90.4	152.450	0.0	0.0	96.7	94.4	63.9	0.0	7.81	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,913.300	2,395.890	2,403.960	8.1	0.0	40.340	0.0	0.0	79.5	96.4	-509.3	0.0	0.00	
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.385	86.007	85.692	-0.3	0.0	0.000	1.6	0.0	100.3	101.1	-0.7	0.0	0.00	
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	6,337.749	5,814.851	5,816.379	1.5	90.9	199.790	0.0	0.0	88.7	96.6	-521.4		7.86	
A.RUIZ CORTINES	1,822.6	950.3	24.8	992.543	994.589	1,000.050	5.5	85.4	20.000	0.0	0.0	105.2	104.5	7.5	0.0	7.38	
EL MOLINITO	233.9	130.2	0.5	26.292	25.865	25.865	0.0	0.3	0.000	0.0	0.0	19.9	20.2	-0.4	0.0	0.03	
A. RODRIGUEZ L.	284.5	219.5	0.0	30.727	1.512	1.512	0.0	0.1	0.000	0.0	0.0	0.7	14.0	-29.2	0.0	0.01	
CUAUHTEMOC	66.3	41.5	1.5	20.726	12.844	12.779	-0.1	0.0	0.000	0.0	0.0	30.8	50.0	-7.9	0.0	0.00	
I. R. ALATORRE	29.7	16.2	1.0	9.579	2.028	2.014	0.0	0.0	0.000	0.0	0.0	12.5	59.3	-7.6	0.0	0.00	
TOTAL	11,584.4	8,002.7	687.1	7,504.001	6,937.696	6,944.291	6.6	176.8	219.790	1.6	0.0	86.8	93.8	-559.7		15.28	

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	PITIQUITO II	286.00	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	1.23	26.12
SONORA	OREGANO II	5.05	0.14	YAQUI	PASO NACORI-CFE	1.32	73.70
	EL CAJON	1.67	0.32		EL CUBIL- CFE	1.75	89.07
	ARIZPE-CEA	-	-		SAN BERNARDO	156.12	72.41
				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	0.0	14.0	34.0	13.0	7.45		COCORAQUE	COCORAQUE	0.0	19.0	35.0	18.0	3.87	
	PTO. PEÑASCO	0.0	24.9	34.4	23.8	-			GUÁPOCA-CFE	0.0	10.7	27.3	10.7	2.74	
SANTA CRUZ	NOGALES	0.0	13.2	27.3	13.2			YAQUI	P. NACORI-CFE	0.0	18.1	35.3	18.1	4.08	
ASUNCION	ALTAR	0.0	16.0	30.0	14.0	4.20		EL CUBIL-CFE	0.0	20.1	38.9	18.9	6.11		
	PITIQUITO	0.0	14.0	34.0	14.0			ABRAHAM GLEZ.	0.0	10.0	25.0	9.0	4.90		
	IMURIS	0.0	-	-	-	-		AGUA PRIETA	0.0	-	-	-	-		
	CUAUHTEMOC	0.0	21.5	33.5	14.5			ANGOSTURA	0.0	-	-	-	6.00		
	STA. ROSA II	0.0	18.0	33.0	16.0			ARIBABI	0.0	9.0	26.0	7.0			
SONORA	ACONCHI	0.0	15.0	32.0	14.0			BACERAC	0.0	-	-	-			
	ARIZPE-CEA	0.0	16.0	28.0	12.0			HUACHINERAS	0.0	12.0	33.0	10.0			
	BACANUCHI	0.0	11.0	29.0	10.0	5.35		TEPACHE	0.0	17.0	35.0	17.0			
	BANAMICHI	0.0	15.0	33.0	15.0			P. EL NOVILLO	0.0	16.7	35.9	16.7	6.37		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	16.0	28.0	12.0	5.12		
	EL CAJON	0.0	15.5	33.0	15.0	5.71		OVIACHIC	0.0	23.0	38.0	22.0	6.05		
	HILLO. NTE.	0.0	-	-	-	-		CD. OBREGON	0.0	24.0	36.0	21.0	4.10		
	HILLO. OBS.	0.0	19.5	35.5	19.0	4.59		YECORA	0.0	8.7	25.0	8.7	-		
	OREGANO II	0.0	23.0	38.0	20.5	6.18		YEPACHIC	0.0	6.0	25.0	5.0			
	EL MOLINITO	0.0	19.0	35.5	18.0	6.00		TEMOSACHIC	0.0	5.4	28.2	5.4	6.34		
QUEROBABI	0.0	16.0	35.0	15.0			VICAM	0.0	20.0	37.0	16.0	7.92			
CANANEA	0.0	15.5	27.0	12.5			OBS. OBREGÓN	16.0	23.4	36.2	19.5	6.67			
MATAPE	MAZATAN	0.0	13.0	35.5	13.0	6.47		MAYO	BASASEACHIC	0.0	9.0	22.4	8.4		
	P. PTA. AGUA	0.0	17.5	34.5	16.0	6.04		A.R.CORTINES	0.0	22.5	31.5	22.0	3.65		
	PTA. AGUA II	0.0	14.0	34.5	14.0	5.00		NAVOJOA	0.0	-	-	-	-		
	EMPALME	0.0	23.5	34.6	19.1	4.92		S.BERNARDO	1.5	21.0	34.0	20.0	4.88		
	S. J. DE PIMAS	0.0	17.0	34.0	15.0			TEZOCOMA	0.0	19.0	33.0	18.5	4.85		
	GUAYMAS	0.0	20.2	30.7	20.2			RÍO FUERTE	ALAMOS	0.0	20.4	30.3	20.3		

PRECIPITACIÓN MÁXIMA (mm)	16.0	OBS. OBREGÓN				
PRECIPITACIÓN MEDIA	0.8	0.3	0.0	0.0	0.0	0.0
TEMPERATURA MÍNIMA	5.0	YEPACHIC				
TEMPERATURA MÁXIMA	38.9	EL CUBIL-CFE				

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	829.90
P. ELIAS CALLES	296.80	290.50	289.53
ALVARO OBREGON	112.20	105.50	101.93
ABRAHAM GONZALEZ	2051.30	2047.80	2047.84
A.RUIZ CORTINES	145.47	135.00	135.73
EL MOLINITO	293.40	289.36	281.17
A. RODRIGUEZ L.	228.40	226.98	215.93
CUAUHTEMOC	600.25	597.00	590.83
I. R. ALATORRE	102.71	100.00	94.51