

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.				DIFERENCIA EN 24 hr (hm ³)	ENTRADAS CUENCA			SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15	LLUVIA (mm)	ENTRADAS (hm ³)
	NAME	NAMO		2015	AYER	HOY	PROPRAC(m)		O.T. (Qm)		% 2016	% 2015	DIF. ALM. 2016-15						
	(hm ²)	(hm ²)		(hm ³)	(hm ³)	(hm ³)	(m ³ /s)		LIBRE	CONTROLADO									
LAZARO CARDENAS	1,116.5	703.4	0.0	727.260	668.725	668.725	0.0	9.4	7.000	0.0	0.0	95.1	103.4	-58.5	0.0	0.81			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,301.010	2,616.900	2,627.560	10.7	281.3	153.480	0.0	0.0	92.7	81.2	326.6	0.0	24.30			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,489.230	1,970.360	1,984.830	14.5	76.8	49.120	0.0	0.0	65.7	82.3	-504.4	0.0	6.64			
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.895	88.520	89.300	0.8	103.4	0.000	94.1	0.0	104.5	101.7	2.4	22.5	8.93			
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	5,517.500	5,255.985	5,281.115	25.1	367.4	209.600	0.0	0.0	80.5	84.1	-236.4		40.68			
A.RUIZ CORTINES	1,822.6	950.3	24.8	787.037	679.603	705.924	26.3	307.2	0.000	0.0	0.0	74.3	82.8	-81.1	103.4	26.54			
EL MOLINITO	233.9	130.2	0.5	41.472	24.088	24.088	0.0	0.3	0.000	0.0	0.0	18.5	31.9	-17.4	0.0	0.02			
A. RODRIGUEZ L.	284.5	219.5	0.0	19.742	2.284	2.237	0.0	0.0	0.000	0.0	0.0	1.0	9.0	-17.5	0.0	0.00			
CUAUHTEMOC	66.3	41.5	1.5	15.827	11.710	11.619	-0.1	0.0	0.650	0.0	0.0	28.0	38.2	-4.2	0.0	0.00			
I.R. ALATORRE	29.7	16.2	1.0	5.505	2.112	2.098	0.0	0.0	0.000	0.0	0.0	13.0	34.1	-3.4	0.0	0.00			
TOTAL	11,584.4	8,002.7	687.1	6,473.978	6,064.302	6,116.381	52.1	778.3	210.250	94.1	0.0	76.4	80.9	-357.6		67.24			

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	286.10	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	3.20	296.84
SONORA	OREGANO II	5.07	0.27	YAQUI	PASO NACORI-CFE	2.42	380.78
	EL CAJON	1.66	0.32		EL CUBIL- CFE	2.90	386.62
	ARIZPE-CEA	-	-		SAN BERNARDO	157.34	237.00
				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	23.0	39.0	21.0	8.16		COCORAQUE	COCORAQUE	25.0	22.0	33.5	21.0	4.74	
	PTO. PEÑASCO	0.0	29.5	36.5	27.0	-			YAQUI	GUÁPOCA-CFE	1.6	19.8	29.6	17.7	2.38
SANTA CRUZ	NOGALES	0.0	20.4	30.1	20.4			P. NACORI-CFE	0.0	25.8	35.2	23.5	6.22		
ASUNCION	ALTAR	0.0	26.0	37.0	23.0	6.90		EL CUBIL-CFE	0.0	25.3	37.6	22.0	5.23		
	PITIQUITO	0.0	20.0	38.0	18.0			ABRAHAM GLEZ.	22.5	16.0	21.0	12.0	4.90		
	IMURIS	0.0	17.0	36.0	15.0	4.31		AGUA PRIETA	0.0	22.0	35.0	20.0	5.51		
	CUAUHTEMOC	0.0	22.5	35.5	17.5			ANGOSTURA	0.0	22.0	38.5	22.0	7.21		
	STA. ROSA II	0.0	29.0	39.0	23.0			ARIBABI	0.0	16.0	28.0	14.0			
SONORA	ACONCHI	0.0	23.0	37.0	21.0			BACERAC	0.0	20.0	38.0	17.0			
	ARIZPE-CEA	0.0	16.0	33.0	13.0			HUACHINERAS	0.0	19.0	35.0	17.0			
	BACANUCHI	0.0	-	-	-	-		TEPACHE	0.0	25.0	36.0	25.0			
	BANAMICHI	0.0	22.0	36.5	22.0			P. EL NOVILLO	0.0	25.5	35.7	23.0	5.63		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	18.0	32.0	17.0	9.65		
	EL CAJON	0.0	23.5	35.5	22.5	6.55		OVIACHIC	INAP.	26.0	34.0	26.0	3.80		
	HILLO. NTE.	0.0	28.0	38.5	27.0			CD. OBREGON	2.0	25.0	36.5	23.0	4.75		
	HILLO. OBS.	0.0	28.5	40.5	27.0	7.17		YECORA	4.0	18.0	30.0	18.0	5.93		
	OREGANO II	0.0	27.5	39.0	23.5	6.28		YEPACHIC	0.0	11.0	29.0	10.0			
	EL MOLINITO	0.0	26.0	39.0	24.5	5.10		TEMOSACHIC	7.8	14.8	26.4	14.8	3.41		
QUEROBABI	INAP.	22.0	37.0	22.0			VICAM	5.5	24.5	30.0	23.5	6.02			
CANANEA	0.0	17.0	30.0	16.0			OBS. OBREGÓN	1.1	24.2	36.0	23.8	4.38			
MATAPE	MAZATAN	0.0	-	-	-	-		MAYO	BASASEACHIC	6.1	15.2	25.2	15.2		
	P. PTA. AGUA	0.0	27.0	35.5	25.0	6.21		A.R.CORTINES	103.4	22.5	33.0	21.5	5.23		
	PTA. AGUA II	17.1	24.5	35.5	23.0	4.88		NAVOJOA	14.5	24.0	34.0	23.0	5.75		
	EMPALME	0.0	29.9	36.3	26.8	5.80		S.BERNARDO	63.0	22.0	34.0	21.0	-		
	S. J. DE PIMAS	0.0	-	-	-	-		TEZOCOMA	38.0	22.5	32.0	22.0	5.80		
	GUAYMAS	0.0	28.3	35.0	27.9			RÍO FUERTE	ALAMOS	16.6	23.3	29.8	23.3		

PRECIPITACIÓN MÁXIMA (mm)	103.4	A.R.CORTINES				
	YAQUI	MAYO	MATAPE	SONORA	ASUNCIÓN	SONOYTA
PRECIPITACIÓN MEDIA	2.5	45.0	2.9	0.0	0.0	0.0
TEMPERATURA MÍNIMA	10.0	YEPACHIC				
TEMPERATURA MÁXIMA	40.5	HILLO. OBS.				

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR			
TESIA	93.0		
SAN IGNACIO	54.0		
CIANO	74.0		

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.77
P. ELIAS CALLES	296.80	290.50	288.38
ALVARO OBREGON	112.20	105.50	99.20
ABRAHAM GONZALEZ	2051.30	2047.80	2048.40
A.RUIZ CORTINES	145.47	135.00	130.97
EL MOLINITO	293.40	289.36	280.86
A. RODRIGUEZ L.	228.40	226.98	216.13
CUAUHTEMOC	600.25	597.00	590.47
I.R. ALATORRE	102.71	100.00	94.57