

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	PROPORCIÓN		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	728.038	666.897	667.628	0.7	17.9	7.000	0.0	0.0	94.9	103.5	-60.4	0.0	1.54			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,250.820	2,564.890	2,581.800	16.9	355.8	154.470	0.0	0.0	91.1	79.4	331.0	0.0	30.74			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,476.080	1,908.030	1,919.290	11.3	40.3	46.630	0.0	0.0	63.5	81.9	-556.8	0.0	3.48			
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.070	87.415	86.895	-0.5	16.5	0.000	22.3	0.0	101.7	100.7	0.8	0.0	1.42			
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	5,454.938	5,139.817	5,168.718	28.9	413.9	208.100	0.0	0.0	78.8	83.2	-286.2	0.0	37.18			
A.RUIZ CORTINES	1,822.6	950.3	24.8	730.124	613.757	621.363	7.6	89.8	0.000	0.0	0.0	65.4	76.8	-108.8	0.0	7.76			
EL MOLINITO	233.9	130.2	0.5	40.904	22.821	22.821	0.0	0.2	0.000	0.0	0.0	17.5	31.4	-18.1	1.0	0.02			
A. RODRIGUEZ L.	284.5	219.5	0.0	20.961	1.544	1.512	0.0	0.0	0.000	0.0	0.0	0.7	9.5	-19.4	0.0	0.00			
CUAUHTEMOC	66.3	41.5	1.5	15.975	12.196	12.131	-0.1	0.0	0.040	0.0	0.0	29.3	38.5	-3.8	0.0	0.00			
I. R. ALATORRE	29.7	16.2	1.0	5.681	1.800	1.789	0.0	0.0	0.000	0.0	0.0	11.1	35.2	-3.9	0.0	0.00			
TOTAL	11,584.4	8,002.7	687.1	6,354.653	5,879.350	5,915.229	35.9	520.4	208.140	22.3	0.0	73.9	79.4	-439.4	0.0	44.96			

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	1.92	80.43
SONORA	OREGANO II	5.08	0.37	YAQUI	PASO NACORI-CFE	1.95	214.09
	EL CAJON	1.66	0.35		EL CUBIL- CFE	2.50	272.00
	ARIZPE-CEA	-	-		SAN BERNARDO	156.15	70.83
				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	27.5	43.0	27.0	11.26		COCORAQUE	COCORAQUE	0.0	26.0	36.0	25.0	5.72	
	PTO. PEÑASCO	0.0	29.0	36.9	28.0	-			YAQUI	GUÁPOCA-CFE	0.0	14.7	30.9	14.7	5.77
SANTA CRUZ	NOGALES	0.0	21.6	33.6	21.6			P. NACORI-CFE	0.0	23.9	37.3	21.3	4.71		
ASUNCION	ALTAR	0.0	29.6	42.4	26.8	10.25		EL CUBIL-CFE	0.0	23.2	39.2	22.2	5.70		
	PITQUITO	0.0	26.0	41.5	22.5			ABRAHAM GLEZ.	0.0	14.0	21.0	13.0	2.80		
	IMURIS	0.0	19.0	36.5	15.0	8.36		AGUA PRIETA	0.0	19.0	36.0	17.0	5.94		
	CUAUHTEMOC	0.0	24.5	40.5	16.5			ANGOSTURA	0.0	23.1	36.9	23.1	7.30		
	STA. ROSA II	0.0	24.0	41.0	24.0			ARIBABI	0.0	15.0	32.0	9.0			
SONORA	ACONCHI	0.0	21.0	38.0	20.0			BACERAC	0.0	-	-	-			
	ARIZPE-CEA	0.0	14.0	35.0	11.0			HUACHINERAS	0.0	17.0	37.0	16.0			
	BACANUCHI	0.0	20.0	35.0	17.0	7.30		TEPACHE	0.0	26.0	39.0	25.0			
	BANAMICHI	0.0	21.5	40.0	21.5			P. EL NOVILLO	0.0	24.9	36.9	24.0	7.01		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	22.0	35.0	19.0	10.36		
	EL CAJON	0.0	24.5	40.0	24.0	9.21		OVIACHIC	0.0	28.0	39.0	26.0	8.15		
	HILLO. NTE.	0.0	28.5	41.0	28.0			CD. OBREGON	0.0	29.0	41.0	26.0	7.10		
	HILLO. OBS.	0.0	29.0	43.0	28.0	8.10		YECORA	INAP.	17.0	28.5	15.5	5.62		
	OREGANO II	0.0	26.5	42.0	25.5	7.47		YEPACHIC	0.0	10.0	28.0	9.0			
	EL MOLINITO	1.0	25.0	41.0	25.0	4.90		TEMOSACHIC	0.0	11.4	25.2	11.4	5.01		
	QUEROBABI	0.0	22.0	42.0	22.0			VICAM	INAP.	29.0	40.0	27.0	8.94		
	CANANEA	0.0	20.0	33.0	17.5			OBS. OBREGÓN	0.0	29.4	38.0	26.4	5.92		
	MATAPE	MAZATAN	0.0	-	-	-	-		MAYO	BASASEACHIC	2.2	13.4	23.4	13.3	
P. PTA. AGUA		0.0	26.0	37.0	25.0	8.30		A.R. CORTINES	0.0	24.5	34.5	24.0	4.00		
PTA. AGUA II		0.0	24.0	39.0	24.0	6.80		NAVOJOA	0.0	26.0	38.5	25.0	6.75		
EMPALME		0.0	30.8	37.7	28.1	5.57		S. BERNARDO	4.0	24.0	35.0	22.0	5.22		
S. J. DE PIMAS		0.0	-	-	-	-		TEZOCOMA	0.0	24.0	34.0	23.0	4.50		
GUAYMAS		0.0	28.0	35.3	26.5			RÍO FUERTE	ALAMOS	0.0	23.2	33.1	23.2		

PRECIPITACIÓN MÁXIMA (mm)	4.0	S. BERNARDO				
PRECIPITACIÓN MEDIA	0.0	1.2	0.0	0.1	0.0	0.0
TEMPERATURA MÍNIMA	9.0	VARIAS				
TEMPERATURA MÁXIMA	43.0	VARIAS				

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

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.74
P. ELIAS CALLES	296.80	290.50	287.91
ALVARO OBREGON	112.20	105.50	98.74
ABRAHAM GONZALEZ	2051.30	2047.80	2048.03
A. RUIZ CORTINES	145.47	135.00	129.36
EL MOLINITO	293.40	289.36	280.62
A. RODRIGUEZ L.	228.40	226.98	215.93
CUAUHTEMOC	600.25	597.00	590.63
I. R. ALATORRE	102.71	100.00	94.32