

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	EN 24 hr		O.T. (Qm)		VERTEDOR								
	(hm ²)	(hm ²)		(hm ³)	(hm ³)	(hm ³)	(hm ³)		PROPRIO (m ³ /s)	LIBRE (m ³ /s)	CONTROLADO (m ³ /s)	2016	2015	2016-15					
LAZARO CARDENAS	1,116.5	703.4	0.0	727.260	665.434	666.897	1.5	26.5	7.000	0.0	0.0	94.8	103.4	-60.4	0.0	2.29			
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,244.770	2,533.050	2,564.890	31.8	527.7	154.620	0.0	0.0	90.5	79.2	320.1	0.0	45.59			
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,476.080	1,899.580	1,908.030	8.5	21.0	52.220	0.0	0.0	63.1	81.9	-568.1	15.0	1.81			
ABRAHAM GONZALEZ	109.6	85.4	1.6	86.133	88.390	87.415	-1.0	23.9	0.000	34.9	0.0	102.3	100.8	1.3	0.0	2.06			
SUBTOTAL RIO YAQUI	9,037.8	6,559.6	657.6	5,448.110	5,098.064	5,139.817	41.8	575.2	213.840	0.0	0.0	78.4	83.1	-308.3		51.76			
A.RUIZ CORTINES	1,822.6	950.3	24.8	723.912	605.136	613.757	8.6	109.2	3.520	0.0	0.0	64.6	76.2	-110.2	39.0	9.43			
EL MOLINITO	233.9	130.2	0.5	38.095	22.874	22.821	-0.1	0.0	0.000	0.0	0.0	17.5	29.3	-15.3	0.0	0.00			
A. RODRIGUEZ L.	284.5	219.5	0.0	16.794	1.576	1.544	0.0	0.0	0.000	0.0	0.0	0.7	7.7	-15.3	0.0	0.00			
CUAUHTEMOC	66.3	41.5	1.5	15.975	12.196	12.196	0.0	0.3	0.040	0.0	0.0	29.4	38.5	-3.8	0.0	0.03			
I. R. ALATORRE	29.7	16.2	1.0	4.901	1.812	1.800	0.0	0.0	0.000	0.0	0.0	11.1	30.3	-3.1	0.0	0.00			
TOTAL	11,584.4	8,002.7	687.1	6,333.920	5,830.048	5,879.350	49.3	708.6	217.400	34.9	0.0	73.5	79.1	-454.6		61.22			

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	2.31	128.07
SONORA	OREGANO II	5.08	0.43	YAQUI	PASO NACORI-CFE	2.44	389.48
	EL CAJON	1.66	0.31		EL CUBIL- CFE	3.18	471.66
	ARIZPE-CEA	-	-		SAN BERNARDO	156.18	74.02
				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	28.0	44.0	27.0	10.66		COCORAQUE	COCORAQUE	0.5	23.0	37.0	23.0	7.28	
	PTO. PEÑASCO	0.0	31.0	38.4	29.7	-			YAQUI	GUÁPOCA-CFE	0.0	15.2	31.5	12.5	4.27
SANTA CRUZ	NOGALES	0.0	21.2	34.6	21.2				P. NACORI-CFE	0.0	21.7	36.9	19.6	4.49	
ASUNCION	ALTAR	0.0	27.8	43.5	25.5	9.80			EL CUBIL-CFE	0.0	22.2	39.4	20.1	5.02	
	PITQUITO	0.0	24.0	43.5	21.5				ABRAHAM GLEZ.	0.0	14.0	24.0	10.0	4.20	
	IMURIS	0.0	22.0	38.0	19.0	6.36			AGUA PRIETA	0.0	20.0	35.0	17.0	7.74	
	CUAUHTEMOC	0.0	23.5	41.0	17.5				ANGOSTURA	0.0	20.7	37.2	20.7	7.94	
	STA. ROSA II	0.0	22.0	41.0	22.0				ARIBABI	0.0	14.0	33.0	9.5		
SONORA	ACONCHI	0.0	19.0	40.0	18.0				BACERAC	0.0	15.0	37.0	14.0		
	ARIZPE-CEA	0.0	12.0	33.0	11.0				HUACHINERAS	0.0	18.0	35.0	17.0		
	BACANUCHI	0.0	16.0	35.0	13.0	7.25			TEPACHE	0.0	23.0	38.0	23.0		
	BANAMICHI	0.0	19.0	40.0	19.0				P. EL NOVILLO	0.0	24.1	35.8	21.4	5.89	
	RAYON	0.0	-	-	-	-			NACAZARI	0.0	18.2	36.4	18.0	-	
	EL CAJON	0.0	24.0	39.0	19.0	8.45			OVIACHIC	15.0	24.0	39.0	17.0	10.95	
	HILLO. NTE.	0.0	28.0	41.0	27.0				CD. OBREGON	25.5	27.0	41.0	21.0	12.25	
	HILLO. OBS.	0.0	29.0	43.5	25.0	8.02			YECORA	0.0	16.0	32.0	14.0	6.14	
	OREGANO II	0.0	25.5	41.0	23.0	6.19			YEPACHIC	0.0	16.0	30.0	11.0		
	EL MOLINITO	0.0	26.0	40.0	23.5	7.80			TEMOSACHIC	0.0	12.2	26.8	12.2	4.15	
	QUEROBABI	0.0	20.0	41.0	19.0				VICAM	INAP.	27.0	39.5	23.0	8.47	
	CANANEA	0.0	19.5	34.0	18.0				OBS. OBREGON	INAP.	28.2	38.2	24.8	6.03	
MATAPE	MAZATAN	0.0	-	-	-	-		MAYO	BASASEACHIC	0.0	13.9	25.3	13.9		
	P. PTA. AGUA	0.0	25.5	37.5	24.0	8.00			A.R. CORTINES	39.0	25.0	38.0	22.0	13.20	
	PTA. AGUA II	0.0	24.0	37.5	23.5	8.40			NAVOJOA	30.0	25.0	39.0	22.5	6.43	
	EMPALME	0.0	29.4	37.1	26.4	7.62			S. BERNARDO	29.0	24.5	40.0	23.0	10.17	
	S. J. DE PIMAS	0.0	27.0	39.5	24.0				TEZOCOMA	16.0	24.0	35.5	22.0	9.15	
	GUAYMAS	0.0	26.6	35.3	26.6				RÍO FUERTE	ALAMOS	10.7	23.7	35.3	22.8	

PRECIPITACIÓN MÁXIMA (mm)	39.0	A.R. CORTINES				
PRECIPITACIÓN MEDIA	2.4	22.8	6.0	0.0	0.0	0.0
TEMPERATURA MÍNIMA	9.5	ARIBABI				
TEMPERATURA MÁXIMA	44.0	SONOYTA				

ESTACIONES DE APOYO			
ESTACION	PRECIP.	EST.	PRECIP.
HILLO SUR			
TESIA	37.5		
CHANG	84.0		

PRESA	NAME (m)	NAMO (m)	ELEVACION (m) A LA FECHA
LAZARO CARDENAS	840.15	830.70	829.72
P. ELIAS CALLES	296.80	290.50	287.74
ALVARO OBREGON	112.20	105.50	98.66
ABRAHAM GONZALEZ	2051.30	2047.80	2048.11
A.RUIZ CORTINES	145.47	135.00	129.21
EL MOLINITO	293.40	289.36	280.62
A. RODRIGUEZ L.	228.40	226.98	215.95
CUAUHTEMOC	600.25	597.00	590.65
I. R. ALATORRE	102.71	100.00	94.33