

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.			DIFERENCIA EN 24 hr (hm ³)	ENTRADA CUENCA PROPAG(=H) (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	715.203	708.720	708.339	-0.4	1.2	2.500	1.3	0.0	100.7	101.7	-6.9	0.0	0.10	
P. ELIAS CALLES	3,512.0	2,833.1	602.6	2,488.260	2,560.910	2,560.910	0.0	5.5	0.000	0.0	0.0	90.4	87.8	72.6	0.0	0.48	
ALVARO OBREGON	4,409.4	3,023.1	55.0	1,790.910	1,779.280	1,776.360	-2.9	122.2	170.660	0.0	0.0	58.8	59.2	-14.6	0.0	10.56	
ABRAHAM GONZALEZ	109.6	85.4	1.6	82.794	82.605	82.479	-0.1	0.3	1.500	0.0	0.0	96.5	96.9	-0.3	0.0	0.03	
A.RUIZ CORTINES	1,822.6	950.3	24.8	430.754	337.207	332.370	-4.8	7.9	62.500	0.0	0.0	35.0	45.3	-98.4	0.0	0.69	
EL MOLINITO	233.9	130.2	0.5	81.064	22.874	22.821	-0.1	0.0	0.290	0.0	0.0	17.5	62.3	-58.2	0.0	0.00	
A. RODRIGUEZ L.	284.5	219.5	0.0	6.147	6.288	6.241	0.0	0.0	0.220	0.0	0.0	2.8	2.8	0.1	0.0	0.00	
CUAUHTEMOC	66.3	41.5	1.5	25.548	15.938	15.827	-0.1	0.0	0.610	0.0	0.0	38.2	61.6	-9.7	0.0	0.00	
I.R. ALATORRE	29.7	16.2	1.0	0.001	0.405	0.382	0.0	0.0	0.200	0.0	0.0	2.4	0.0	0.4	0.0	0.00	
T O T A L	11,584.4	8,002.7	687.1	5,620.681	5,514.227	5,505.729	-8.5	137.2	238.480	1.3	0.0	68.8	70.2	-115.0		11.85	
SUBTOTAL RÍO YAQUI	9,037.7	6,559.6	657.6	4,994.373	5,048.910	5,045.609	-3.3	128.9	173.160	1.3	0.0	76.9	76.1	-11.5		11.14	

PRESA	ALM. AGUJAS (hm ³)	PRESA	ALM. VERT. LIBRE	Qm = GASTO MEDIO
LAZARO CARDENAS	761.7	ADOLFO RUIZ CORTINES	1341.80	
ALVARO OBREGON	3,309.2			

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	0.63	1.81
SONORA	OREGANO II	5.00	0.09	YAQUI	PASO NACORI- CFE	0.76	3.38
	EL CAJON	1.62	0.28		EL CUBIL- CFE	1.12	7.84
	ARIZPE-CEA	-	-		SAN BERNARDO	155.26	1.68
				MAYO	TEZOCOMA	10.00	0.00

CLIMATOLÓGÍA

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	11.0	33.0	10.0	7.91		COCORAQUE	COCORAQUE	0.0	13.5	30.0	12.0	6.2	
	PTO. PEÑASCO	0.0	14.5	27.3	13.5	5.00			YAQUI	GUÁPOCA- CFE	0.0	3.2	26.3	2.6	3.9
SANTA CRUZ	NOGALES	0.0	10.7	25.4	10.5				P. NACORI- CFE	0.0	14.3	32.2	14.3	6.1	
ASUNCION	ALTAR	0.0	13.2	31.6	11.2	6.50			EL CUBIL- CFE	0.0	13.8	36.2	12.8	6.0	
	PITQUITO	0.0	7.5	31.5	5.0				ABRAHAM GLEZ	0.0	2.5	24.0	2.5	5.1	
	IMURIS	0.0	9.5	29.5	6.5	6.00			AGUA PRIETA	0.0	-	-	-	-	
	CUAUHTEMOC	0.0	16.5	33.5	9.0				ANGOSTURA	0.0	12.3	27.9	12.3	5.4	
	STA. ROSA II	0.0	14.0	32.0	8.0				ARIBABI	0.0	4.0	24.0	2.0		
SONORA	ACONCHI	0.0	9.0	32.0	9.0				BACERAC	0.0	6.0	32.0	5.0		
	ARIZPE-CEA	0.0	3.0	27.0	3.0				HUACHINERAS	0.0	10.0	30.0	8.0		
	BACANUCHI	0.0	5.0	29.0	3.0	6.45			TEPACHE	0.0	15.0	34.0	15.0		
	BANAMICHI	0.0	11.5	33.0	10.0				P. EL NOVILLO	0.0	16.1	35.7	13.9	6.5	
	RAYON	0.0	-	-	-	-			NACAZARI	0.0	11.0	27.0	8.0	5.9	
	EL CAJON	0.0	9.0	31.0	8.0	5.96			OVACHIC	0.0	18.0	30.5	16.0	6.8	
	HILLO. NTE.	0.0	-	-	-				CD. OBREGON	0.0	17.0	30.0	16.0	4.8	
	HILLO. OBS.	0.0	16.8	32.0	16.5	4.37			YECORA	0.0	7.0	25.0	2.5	3.3	
	OREGANO II	0.0	15.5	34.0	14.0	5.94			YEPACHIC	0.0	4.0	26.0	2.0		HELADA
	EL MOLINITO	0.0	14.5	32.5	13.5	5.50			TEMOSACHIC	0.0	0.0	24.8	0.0	4.2	HELADA
QUEROBABI	0.0	16.3	29.0	6.7				VICAM	0.0	15.5	29.5	13.5	5.1		
CANANEA	0.0	11.0	27.0	9.0				OBS. OBREGÓN	0.0	17.0	28.8	13.6	4.3		
MATAPE	MAZATAN	0.0	-	-	-	-			MAYO	BASASEACHIC	4.5	-0.6	22.1	-0.7	
	P. PTA. AGUA	0.0	13.5	29.5	11.5	4.94			A.R. CORTINES	0.0	17.5	29.5	15.5	5.1	
	PTA. AGUA II	0.0	10.0	33.0	10.0	4.67			NAVOJOA	0.0	-	-	-	-	
	EMPALME	0.0	16.1	28.2	14.6	4.77			S. BERNARDO	0.0	15.5	31.0	15.0	6.6	
	S. J. DE PIMAS	0.0	13.0	31.0	10.0				TEZOCOMA	0.0	13.5	33.0	11.0	9.2	
GUAYMAS	0.0	16.8	28.0	16.0				RÍO FUERTE	ALAMOS	0.0	15.7	27.4	15.7		

PRECIPITACIÓN MÁXIMA (mm)							ESTACIONES DE APOYO			
	YAQUI	MAYO	MÁTAPE	SONORA	ASUNCIÓN	SONOYTA	ESTACION	PRECIP.	EST.	PRECIP.
PRECIPITACIÓN MÁXIMA	4.5	0.9	0.0	0.0	0.0	0.0	HILLO SUR			
PRECIPITACIÓN MEDIA	0.0	0.9	0.0	0.0	0.0	0.0				
TEMPERATURA MÍNIMA	-0.7									
TEMPERATURA MÁXIMA	36.2									

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	830.83
P. ELIAS CALLES	296.80	290.50	287.70
ALVARO OBREGON	112.20	105.50	97.60
ABRAHAM GONZALEZ	2051.30	2047.80	2047.33
A.RUIZ CORTINES	145.47	135.00	122.28
EL MOLINITO	293.40	289.36	280.62
A. RODRIGUEZ L.	228.40	226.98	216.98
CUAUHTEMOC	600.25	597.00	591.71
I. R. ALATORRE	102.71	100.00	92.67