

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.		VOL. MUERTO (hm ³)	ALMAC.				DIFERENCIA EN 24 hr (hm ³)	ENTRADAS CUENCA PROPAGADA (m ³ /s)	SALIDAS			% 2016	% 2015	DIF. ALM. 2016-15 (mm)	LLUVIA (mm)	ENTRADAS (hm ³)
	NAME (hm ³)	NAMO (hm ³)		2015 (hm ³)	AYER (hm ³)	HOY (hm ³)	VERTEDOR										
							O.T. (m)			LIBRE (m ³ /s)	CONTROLADO (m ³ /s)						
LAZARO CARDENAS	1,116.5	703.4	0.0	697.0	717.5	717.5	0.0	11.0	0.0	10.2	0.0	102.0	99.1	20.5	24.2	0.95	
P. ELIAS CALLES	3,443.5	2,833.1	602.6	2,434.0	2,603.3	2,604.3	1.0	13.2	0.0	0.0	0.0	91.9	85.9	170.3	6.3	1.14	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,592.5	2,620.3	2,608.4	-11.9	0.0	90.6	0.0	0.0	86.3	85.8	15.9	0.0	0.00	
ABRAHAM GONZALEZ	109.6	85.4	1.6	83.0	85.3	85.3	0.0	0.1	0.0	0.0	0.0	99.8	97.2	2.2	0.0	0.00	
A.RUIZ CORTINES	1,822.6	950.3	24.8	709.2	727.3	723.3	-4.0	9.0	52.5	0.0	0.0	76.1	74.6	14.1	0.3	0.77	
EL MOLINITO	233.9	130.2	0.5	83.7	25.1	25.1	0.0	0.2	0.1	0.0	0.0	19.3	64.3	-58.6	INAP.	0.02	
A. RODRIGUEZ L.	284.5	219.5	0.0	11.9	12.3	12.2	-0.1	0.0	0.0	0.0	0.0	5.6	5.4	0.3	0.0	0.00	
CUAUHTEMOC	66.3	41.5	1.5	29.5	18.2	18.1	-0.1	0.0	0.3	0.0	0.0	43.7	71.2	-11.4	3.5	0.00	
I.R. ALATORRE	29.7	16.2	1.0	6.1	4.2	4.2	-0.1	0.0	0.3	0.0	0.0	25.8	37.6	-1.9	0.0	0.00	
T O T A L	11,515.9	8,002.7	687.1	6,647.0	6,813.5	6,798.4	-15.1	33.5	143.8	10.2	0.0	85.0	83.1	151.4	2.89		
SUBTOTAL RIO YAQUI	8,969.4	6,559.6	657.6	5,723.5	5,941.2	5,930.2	-11.0	24.3	90.6	10.2	0.0	90.4	87.3	206.7	2.10		

PRESA	ALM. AGUJAS (hm ³)	PRESA	ALM. VERT. LIBRE
LAZARO CARDENAS	761.7	ADOLFO RUIZ CORTINES	1345.20
ALVARO OBREGON	3,309.2		

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	0.73	3.61
SONORA	OREGANO II	5.01	0.12	YAQUI	PASO NACORI- CFE	0.86	7.74	
	EL CAJON	1.62	0.30			EL CUBIL- CFE	1.28	16.54
	ARIZPE-CEA	-	-		MAYO	SAN BERNARDO	155.34	4.45
				TEZOCOMA		10.00	0.00	

CLIMATOLÓGIA

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	9.0	8.0	16.0	7.0	0.60		COCORAQUE	COCORAQUE	0.0	9.5	25.0	7.5	2.3		
	PTO. PEÑASCO	-	-	-	-	-		YAQUI	GUÁPOCA-CF	0.2	8.9	16.1	6.9	0.4		
SANTA CRUZ	NOGALES	1.4	8.4	13.3	8.4				P. NACORI-CF	0.0	10.7	25.8	5.9	1.1		
ASUNCION	ALTAR	INAP.	12.0	18.5	10.0	5.40			EL CUBIL-CFE	2.0	10.4	22.5	10.0	1.1		
	PITIQUITO	1.0	10.0	17.0	8.0			ABRAHAM GL	0.0	-3.0	16.0	-4.0	1.0	HELADA		
	IMURIS	1.2	6.5	17.5	4.0	3.46			AGUA PRIET	0.0	9.0	14.0	6.0	1.4		
	CUAUHTEMOC	3.5	8.5	20.0	5.0				ANGOSTURA	24.2	11.1	14.4	10.4	2.6		
	STA. ROSA II	0.0	6.0	19.0	2.0				ARIBABI	4.6	6.0	11.0	5.0			
SONORA	ACONCHI	0.0	10.0	18.0	10.0				BACERAC	1.2	10.0	16.0	8.0			
	ARIZPE-CEA	1.0	4.0	14.0	3.0				HUACHINERY	22.0	8.0	17.0	3.0			
	BACANUCHI	1.5	7.0	16.5	5.0	2.00			TEPACHE	1.7	11.0	23.0	11.0			
	BANAMICHI	INAP.	9.0	19.0	8.0				P. EL NOVILL	6.3	12.8	24.1	12.7	2.2		
	RAYON	-	-	-	-	-			NACOZARI	0.7	5.0	12.0	4.0	1.2		
	EL CAJON	0.0	9.0	19.0	6.5	1.89	ROCIO		OVIACHIC	0.0	17.0	23.0	12.0	1.2		
	HILLO. NTE.	0.0	12.0	22.0	11.0		ROCIO		CD. OBREGO	0.0	11.0	26.0	10.0	3.2		
	HILLO. OBS.	0.0	11.0	22.5	11.0	1.63	ROCIO		YECORA	INAP.	2.0	16.0	1.5	1.9		
	OREGANO II	0.0	12.0	22.5	9.5	1.13			YEPACHIC	2.0	4.0	17.0	3.0			
	EL MOLINITO	INAP.	11.0	21.0	10.0	1.15			TEMOSAC HIC	0.2	-0.8	15.2	-0.8	0.6	HELADA	
QUEROBABI	-	-	-	-				VICAM	0.0	9.0	25.0	8.0	1.7			
CANANEA	1.2	4.0	13.0	3.5				OBS. OBREGO	0.0	10.8	24.8	10.2	2.7			
MATAPE	MAZATAN	-	-	-	-	-		MAYO	BASASEACH	0.5	6.7	12.2	6.7			
	P. PTA. AGUA	0.0	9.0	22.0	8.0	3.77	ROCIO			A.R. CORTINE	0.3	13.0	24.0	12.5	4.5	
	PTA. AGUA II	INAP.	5.5	21.0	5.0	1.20				NAVOJOA	0.0	12.5	25.0	11.0	2.5	
	EMPALME	0.0	11.1	24.8	10.4	1.42				S. BERNARDO	INAP.	11.0	25.0	9.5	1.2	
	S. J. DE PIMAS	0.0	9.0	21.0	7.0					TEZOCOMA	1.7	9.0	24.5	8.0	2.6	ROCIO
	GUAYMAS	0.0	13.0	21.8	11.0				RIO FUERTE	ALAMOS	-	-	-	-		

PRECIPITACIÓN MÁXIMA (mm)						ESTACIONES DE APOYO						
PRECIPITACIÓN MÁXIMA	24.2	ANGOSTURA	YAQUI	MAYO	MATAPE	SONORA	ASUNCION	SONOYTA	ESTACION	PRECIP.	EST.	PRECIP.
PRECIPITACIÓN MEDIA	3.6	0.6	0.0	0.5	1.1	9.0			HILLO SUR			
TEMPERATURA MÍNIMA	-4.0	ABRAHAM GLEZ.										
TEMPERATURA MÁXIMA	26.0	CD. OBREGON										

PRESA	NAME (m)	NAMO (m)	ELEVACION (m), A LA
LAZARO CARDENAS	840.15	830.70	831.07
P. ELIAS CALLES	296.80	290.50	288.14
ALVARO OBREGON	112.20	105.50	103.16
ABRAHAM GONZALEZ	2051.30	2047.80	2047.77
A.RUIZ CORTINES	145.47	135.00	131.28
EL MOLINITO	293.40	289.36	281.05
A. RODRIGUEZ L.	228.40	226.98	217.78
CUAUHTEMOC	600.25	597.00	592.31
I. R. ALATORRE	102.71	100.00	95.89