

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.	CAP.	VOL.	ALMAC.	ALMAC.	ALMAC.	DIFERENCIA	ENTRADAS CUENCA		SALIDAS			%	%	DIF. ALM.	LLUVIA	ENTRADAS
	NAME	NAMO	MUERTO	2015	AYER	HOY	EN 24 hr	PROPIA(Qm)	O.T. (Qm)	VERTEDOR		2016	2015	2016-15	(mm)	(hm ³)	
	(hm ³)	(hm ³)	(hm ³)	(hm ³)	(hm ³)	(hm ³)	(hm ³)			(hm ³)	LIBRE						CONTROLADO
LAZARO CARDENAS	1,116.5	703.4	0.0	696.6	719.5	720.3	0.8	23.4	0.0	13.7	0.0	102.4	99.0	23.6	0.0	2.02	
P. ELIAS CALLES	3,443.5	2,833.1	602.6	2,424.9	2,605.3	2,609.2	3.9	47.6	0.0	0.0	0.0	92.1	85.6	184.2	0.0	4.11	
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,552.0	2,596.5	2,587.9	-8.5	9.9	104.1	0.0	0.0	85.6	84.4	35.9	0.0	0.86	
ABRAHAM GONZALEZ	109.6	85.4	1.6	82.9	85.2	85.2	0.0	0.2	0.0	0.0	0.0	99.7	97.0	2.3	2.0	0.02	
A.RUIZ CORTINES	1,822.6	950.3	24.8	696.8	714.9	710.4	-4.5	1.6	52.5	0.0	0.0	74.8	73.3	13.6	0.0	0.14	
EL MOLINITO	233.9	130.2	0.5	83.6	25.1	25.1	0.0	0.2	0.1	0.0	0.0	19.3	64.2	-58.5	INAP.	0.02	
A. RODRIGUEZ L.	284.5	219.5	0.0	11.4	12.0	12.0	0.0	0.1	0.0	0.0	0.0	5.5	5.2	0.6	0.0	0.01	
CUAUHTEMOC	66.3	41.5	1.5	29.4	19.0	19.0	0.0	0.6	0.0	0.0	0.0	45.9	71.0	-10.4	2.5	0.05	
I. R. ALATORRE	29.7	16.2	1.0	5.9	4.0	4.0	-0.1	0.0	0.6	0.0	0.0	24.5	36.6	-2.0	0.0	0.00	
TOTAL	11,515.9	8,002.7	687.1	6,583.6	6,781.5	6,773.0	-8.4	83.6	157.3	13.7	0.0	84.6	82.3	189.5		7.22	
SUBTOTAL RÍO YAQUI	8,969.4	6,559.6	657.6	5,673.6	5,921.2	5,917.3	-3.9	80.9	104.1	13.7	0.0	90.2	86.5	243.8		6.99	

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	PITQUITO II	286.10	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	0.75	4.07
SONORA	OREGANO II	5.02	0.12	YAQUI	PASO NACORI- CFE	0.88	9.11
	EL CAJON	1.63	0.30		EL CUBIL- CFE	1.38	24.34
	ARIZPE-CEA	-	-	MAYO	SAN BERNARDO	155.32	3.94
				TEZOCOMA	10.00	0.00	

CLIMATOLOGÍA

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	2.0	14.0	1.0	2.49		COCORAQUE	COCORAQUE	0.0	3.5	22.0	2.0	1.5	ROCIO
	PTO. PEÑASCO	0.0	7.5	18.5	7.0	2.00		YAQUI	GUÁPOCA-CF	6.7	0.4	7.3	0.2	0.5	
SANTA CRUZ	NOGALES	1.4	-1.0	8.2	-1.0				P. NACORI-CF	0.0	2.3	15.6	2.3	0.9	
ASUNCION	ALTAR	0.0	2.0	15.2	1.0	2.40			EL CUBIL-CFE	INAP.	2.6	18.6	2.6	1.9	
	PITQUITO	0.0	-0.5	13.5	-0.5				ABRAHAM GL	2.0	-6.0	10.0	-8.0	4.4	HELADA
	IMURIS	0.0	0.0	18.0	-2.0	1.77	ESCARCHA		AGUA PRIETA	2.0	0.0	9.0	-1.0	-	
	CUAUHTEMOC	2.5	4.5	15.0	1.0		ESCARCHA		ANGOSTURA	0.0	2.6	9.7	2.6	2.1	
	STA. ROSA II	0.0	3.0	15.0	-1.0				ARIBABI	0.0	-	-	-		
SONORA	ACONCHI	0.0	0.0	12.0	0.0		HELADA		BACERAC	0.0	-1.0	11.0	-1.0		HELADA
	ARIZPE-CEA	0.0	-5.0	10.0	-5.0				HUACHINERA	0.0	3.0	14.0	-1.0		
	BACANUCHI	0.0	-	-	-	-			TEPACHE	1.8	2.0	14.0	2.0		
	BANAMICHI	INAP.	0.0	13.0	0.0		ESCARCHA	P. EL NOVILLO	0.0	6.0	24.0	6.0	3.2		
	RAYON	0.0	-	-	-	-		NACAZARI	0.0	-2.0	9.0	-3.0	1.2		
	EL CAJON	0.0	0.0	17.5	-0.5	1.13	HELADA	OVIACHIC	0.0	11.0	20.0	11.0	3.0		
	HILLO. NTE.	INAP.	8.0	19.5	7.0			CD. OBREGON	0.0	9.0	22.5	8.0	5.5		
	HILLO. OBS.	0.0	5.5	19.5	5.0	1.05	ROCIO	YECORA	11.3	-6.0	11.0	-6.0		HELADA	
	OREGANO II	INAP.	9.5	20.0	5.0	1.20	ROCIO	YEPACHIC	0.0	-5.0	11.0	-6.0			
	EL MOLINITO	INAP.	4.5	18.5	4.0	1.05		TEMOSAC HIC	0.0	-11.0	5.8	-11.5		HELADA	
QUEROBABI	0.0	-	-	-			VICAM	0.0	3.5	21.5	2.5	2.5			
CANANEA	0.0	-2.0	6.5	-2.5		HELA / ESCA	OBS. OBREGÓN	0.0	7.8	21.2	7.2	2.8			
MATAPE	MAZATAN	0.0	-	-	-	-		MAYO	BASASEACHIC	14.3	-11.0	5.8	-11.5		
	P. PTA. AGUA	0.0	4.5	18.0	4.0	2.45	ROCIO		A.R.CORTINE	0.0	10.0	19.0	9.0	2.9	ROCIO
	PTA. AGUA II	0.0	-0.5	19.0	-0.5	1.16	ESCARCHA		NAVOJOA	0.0	-	-	-	-	
	EMPALME	0.0	7.0	21.3	6.1	3.11			S.BERNARDO	0.0	5.0	21.5	4.0	3.1	
	S. J. DE PIMAS	0.0	2.0	18.0	2.0				TEZOCOMA	0.0	5.0	19.0	4.0	2.1	HELADA
	GUAYMAS	0.0	9.6	20.0	9.6				RÍO FUERTE	ALAMOS	0.0	6.4	18.7	6.4	

PRECIPITACIÓN MÁXIMA (mm)							ESTACIONES DE APOYO				
	14.3	BASASEACHIC					ESTACION	PRECIP.	EST.	PRECIP.	
	YAQUI	MAYO	MÁTAPE	SONORA	ASUNCION	SONOYTA	HILLO SUR				
PRECIPITACIÓN MEDIA	1.3	2.9	0.0	0.0	0.5	0.0					
TEMPERATURA MÍNIMA	-11.5	VARIAS									
TEMPERATURA MÁXIMA	24.0	P. EL NOVILLO									

PRESA	NAME (m)	NAMO (m)	ELEVACION (m), A LA FECHA
LAZARO CARDENAS	840.15	830.70	831.14
P. ELIAS CALLES	296.80	290.50	288.19
ALVARO OBREGON	112.20	105.50	103.04
ABRAHAM GONZALEZ	2051.30	2047.80	2047.76
A.RUIZ CORTINES	145.47	135.00	131.05
EL MOLINITO	293.40	289.36	281.05
A. RODRIGUEZ L.	228.40	226.98	217.76
CUAUHTEMOC	600.25	597.00	592.55
I. R. ALATORRE	102.71	100.00	95.77