

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.	CAP.	VOL.	ALMAC.	ALMAC.	ALMAC.	DIFERENCIA	ENTRADA CUENCA PROPAG(=)	SALIDAS			%	%	DIF. ALM.	LLUVIA	ENTRADAS
	NAME	NAMO	MUERTO	2015	AYER	HOY	EN 24 hr		VERTEDOR			2016	2015	2016-15	(mm)	(mm ³)
	(hm ²)	(hm ²)	(hm ³)	(hm ³)	(hm ³)	(hm ³)	(hm ³)		O.T. (Gm)	LIBRE	CONTROLADO	(m ³ /s)	(m ³ /s)	(m ³ /s)		
LAZARO CARDENAS	1,116.5	703.4	0.0	692.887	718.314	717.925	-0.4	7.5	0.000	10.6	0.0	102.1	98.5	25.0	0.0	0.65
P. ELIAS CALLES	3,443.5	2,833.1	602.6	2,411.860	2,601.400	2,601.400	0.0	24.2	20.220	0.0	0.0	91.8	85.1	189.5	0.0	2.09
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,244.730	2,345.900	2,334.620	-11.3	15.3	146.387	0.0	0.0	77.2	74.3	89.9	0.0	1.32
ABRAHAM GONZALEZ	109.6	85.4	1.6	82.164	84.810	84.810	0.0	0.1	0.000	0.0	0.0	99.3	96.2	2.6	0.0	0.00
A.RUIZ CORTINES	1,822.6	950.3	24.8	577.718	591.610	586.341	-5.3	7.8	68.000	0.0	0.0	61.7	60.8	8.6	0.0	0.68
EL MOLINITO	233.9	130.2	0.5	82.842	24.775	24.775	0.0	0.2	0.120	0.0	0.0	19.0	63.6	-58.1	0.0	0.02
A. RODRIGUEZ L.	284.5	219.5	0.0	9.565	10.241	10.166	-0.1	0.0	0.000	0.0	0.0	4.6	4.4	0.6	0.0	0.00
CUAUHTEMOC	66.3	41.5	1.5	27.499	18.723	18.762	0.0	0.5	0.000	0.0	0.0	45.2	66.3	-8.7	2.0	0.05
I.R. ALATORRE	29.7	16.2	1.0	2.711	2.625	2.598	0.0	0.0	0.170	0.0	0.0	16.1	16.8	-0.1	0.0	0.00
T O T A L	11,515.9	8,002.7	687.1	6,131.976	6,398.398	6,381.397	-17.0	55.7	234.897	10.6	0.0	79.7	76.6	249.4		4.81
SUBTOTAL RÍO YAQUI	8,969.4	6,559.6	657.6	5,349.477	5,665.614	5,653.945	-11.7	47.0	166.607	10.6	0.0	86.2	81.6	304.5		4.06

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	0.69	2.80
SONORA	OREGANO II	5.02	0.13	YAQUI	PASO NACORI- CFE	0.83	5.99
	EL CAJON	1.62	0.29		EL CUBIL- CFE	1.29	17.23
	ARIZPE-CEA	-	-		SAN BERNARDO	155.28	2.36
				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	-2.0	13.0	-2.5	3.20	HELADA	COCORAQUE	COCORAQUE	0.0	9.0	24.0	0.5	5.5		
	PTO. PEÑASCO	0.0	7.5	16.5	5.0	4.00			YAQUI	GUÁPOCA-CFE	0.0	-7.6	10.9	-7.6	-	
SANTA CRUZ	NOGALES	0.0	-2.9	8.8	-3.2				P. NACORI- CFE	0.0	1.6	23.0	0.8	1.8		
ASUNCION	ALTAR	0.0	-0.4	15.0	-0.6	2.20			EL CUBIL- CFE	0.0	-2.3	24.0	-2.3	-		
	PITQUITO	0.0	-4.5	14.0	-5.5				ABRAHAM GLEZ	0.0	-8.0	12.0	-10.0	1.0	HELADA	
	IMURIS	0.0	-1.0	12.0	-4.0	-	HELADA		AGUA PRIETA	0.0	-4.0	13.0	-5.0	1.6		
	CUAUHTEMOC	2.0	4.5	18.0	1.5				ANGOSTURA	0.0	2.5	12.3	2.5	4.1		
	STA. ROSA II	0.0	-2.0	14.0	-5.0				ARIBABI	0.0	-3.0	8.0	-9.0		HELADA	
SONORA	ACONCHI	0.0	-3.0	15.0	-3.0				BACERAC	0.0	-5.0	13.0	-5.0			
	ARIZPE-CEA	0.0	-6.0	12.0	-7.0				HUACHINERAS	0.0	-	-	-			
	BACANUCHI	0.0	-	-	-	-			TEPACHE	0.0	-2.0	18.0	-2.0			
	BANAMICHI	0.0	-2.0	15.0	-2.0				P. EL NOVILLO	0.0	3.4	23.6	3.3	4.5		
	RAYON	0.0	-	-	-	-			NACAZARI	0.0	-4.0	11.0	-5.0	1.2		
	EL CAJON	0.0	-2.5	18.0	-3.0	2.02			OVIACHIC	0.0	11.0	26.0	10.0	3.0		
	HILLO. NTE.	0.0	5.5	19.0	4.5				CD. OBREGON	0.0	9.0	22.0	6.0	6.2		
	HILLO. OBS.	0.0	4.0	20.5	4.0	1.76			YECORA	0.0	-9.0	16.0	-9.0	0.9	HELADA	
	OREGANO II	0.0	1.5	20.5	0.5	3.16	HELADA		YEPACHIC	0.0	-10.0	15.0	-12.0		HELADA	
	EL MOLINITO	0.0	3.0	19.0	-0.5	2.25			TEMOSACHIC	0.0	-12.0	10.0	-12.4	0.5	HELADA	
QUEROBABI	0.0	-	-	-				VICAM	0.0	2.0	22.0	1.0	4.3			
	CANANEA	0.0	-4.5	8.5	-5.0		HELADA		OBS. OBREGÓN	0.0	7.6	21.5	4.2	2.9		
MATAPE	MAZATAN	0.0	-	-	-	-			MAYO	BASASEACHIC	0.0	-10.0	10.6	-10.9		
	P. PTA. AGUA	0.0	3.0	20.5	1.0	2.45				A.R. CORTINES	0.0	8.0	25.0	6.0	1.9	
	PTA. AGUA II	0.0	-1.0	19.0	-2.0	3.75				NAVOJOA	0.0	6.0	26.0	5.0	4.0	
	EMPALME	0.0	7.8	20.9	4.8	5.35				S. BERNARDO	0.0	3.0	23.0	2.0	4.2	
	S. J. DE PIMAS	0.0	0.0	17.0	-1.0					TEZOCOMA	0.0	1.0	20.0	0.5	5.1	HELADA
	GUAYMAS	0.0	9.0	20.0	9.0				RÍO FUERTE	ALAMOS	0.0	7.8	19.2	6.2		

PRECIPITACIÓN MÁXIMA (mm)						ESTACIONES DE APOYO			
	2.0	CUAUHTEMOC				ESTACION	PRECIP.	EST.	PRECIP.
PRECIPITACIÓN MEDIA	0.0	YAQUI	0.0	MAYO	0.0	HILLO SUR			
		SONORA	0.0	MATAPE	0.0				
		ASUNCIÓN	0.4	SONOYTA	0.0				
TEMPERATURA MÍNIMA	-12.4	TEMOSACHIC							
TEMPERATURA MÁXIMA	26.0	VARIAS							

PRESA	NAME (m)	NAMO (m)	ELEVACION (m). A LA FECHA
LAZARO CARDENAS	840.15	830.70	831.08
P. ELIAS CALLES	296.80	290.50	288.11
ALVARO OBREGON	112.20	105.50	101.50
ABRAHAM GONZALEZ	2051.30	2047.80	2047.70
A.RUIZ CORTINES	145.47	135.00	128.65
EL MOLINITO	293.40	289.36	280.99
A. RODRIGUEZ L.	228.40	226.98	217.51
CUAUHTEMOC	600.25	597.00	592.48
I. R. ALATORRE	102.71	100.00	94.93