

INFORMACION HIDROMÉTRICA, CLIMATOLÓGICA Y DE PRESAS DE LA REGION

PRESA	CAP.	CAP.	VOL.	ALMAC.	ALMAC.	ALMAC.	DIFERENCIA	ENTRADAS CUENCA			SALIDAS			%	%	DIF. ALM.	LLUVIA	ENTRADAS
	N A M E	N A M O	MUERTO	2014	AYER	HOY	EN 24 hr	PROPIA(Qm)	O.T. (Qm)		VERTEDOR		2015	2014	2015-14	(mm)	(hm ²)	
	(hm ²)	(hm ²)	(hm ²)	(hm ²)	(hm ²)	(hm ²)	(hm ²)	(m ² /s)	(m ² /s)	(m ² /s)	(m ² /s)	(m ² /s)						
LAZARO CARDENAS	1,116.5	703.4	0.0	767.7	731.5	739.3	7.8	143.8	6.0	46.3	0.0	105.1	109.2	-28.4	0.4	12.42		
P. ELIAS CALLES	3,443.5	2,881.7	602.6	2,801.0	2,619.8	2,645.0	25.2	444.0	147.8	0.0	0.0	91.8	97.2	-156.0	0.0	38.36		
ALVARO OBREGON	4,409.4	3,023.1	55.0	2,387.1	2,852.0	2,882.7	30.6	235.4	5.2	0.0	0.0	95.4	79.0	495.6	0.0	20.34		
ABRAHAM GONZALEZ	109.6	85.4	1.6	92.7	86.9	86.4	-0.4	8.0	0.0	13.0	0.0	101.2	108.5	-6.3	1.0	0.69		
A.RUIZ CORTINES	1,822.6	950.3	24.8	1,008.9	993.9	999.4	5.5	115.8	50.0	0.0	50.0	105.2	106.2	-9.5	0.0	10.00		
EL MOLINITO	233.9	130.2	0.5	93.0	25.9	25.8	-0.1	1.5	2.0	0.0	0.0	19.8	71.4	-67.2	0.0	0.13		
A. RODRIGUEZ L.	284.5	219.5	0.0	43.6	31.4	31.5	0.1	2.3	0.0	0.0	0.0	14.4	19.8	-12.1	0.0	0.20		
CUAUHTEMOC	66.3	41.5	1.5	30.1	24.9	24.9	0.0	0.7	0.0	0.0	0.0	60.2	72.5	-5.1	2.5	0.06		
I. R. ALATORRE	29.7	16.2	1.0	12.3	9.1	9.5	0.4	4.7	0.0	0.0	0.0	58.7	76.3	-2.8	0.0	0.41		
T O T A L	11,515.9	8,051.3	687.1	7,236.4	7,375.4	7,444.5	69.1	956.2	211.1	59.3	50.0	92.5	89.9	208.1		82.61		
SUBTOTAL RÍO YAQUI	8,969.4	6,608.2	657.6	5,955.8	6,203.4	6,267.0	63.6	823.2	159.1	46.3	0.0	94.8	90.1	311.1		71.12		

PRESA	ALM. AGUJAS (hm ²)
LAZARO CARDENAS	761.7
ALVARO OBREGON	3,226.7

PRESA	ALM. VERT. LIBRE
ADOLFO RUIZ CORTINES	1345.20

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	0.81	0.61
ASUNCION	PITIQUITO II	286.10	0.00	COCORAQUE	COCORAQUE	0.99	0.00
	STA. ROSA II	529.30	0.00		GUÁPOCA- CFE	2.03	89.85
SONORA	OREGANO II	5.07	0.25	YAQUI	PASO NACORI- CFE	2.51	389.91
	EL CAJON	1.98	2.78		EL CUBIL- CFE	3.05	456.27
	ARIZPE-CEA	-	-		SAN BERNARDO	156.56	125.85
				MAYO	SAN BERNARDO	10.00	0.00

CLIMATOLOGÍA

CUENCA	ESTACION	PRECIP. (mm)	TEMPERATURA °C			EVAP. (mm)	CUENCA	ESTACION	PRECIP. (mm)	TEMPERATURA °C			EVAP. (mm)
			AMB.	MAX.	MIN.					AMB.	MAX.	MIN.	
SONOYTA	SONOYTA	0.0	21.0	34.0	21.0	6.48	COCORAQUE	COCORAQUE	0.0	23.0	35.5	22.0	6.32
	PTO. PEÑASCO	0.0	26.0	35.2	25.0	7.10		GUÁPOCA-CFE	0.0	14.8	28.0	14.6	-
SANTA CRUZ	NOGALES	0.6	16.7	26.4	16.7	-	YAQUI	P. NACORI-CFE	0.0	21.5	34.3	21.5	2.02
	ALTAR	0.0	23.4	33.4	22.6	4.90		EL CUBIL-CFE	0.0	22.9	36.5	22.8	2.82
ASUNCION	PITIQUITO	0.0	20.0	31.0	19.0	-	ABRAHAM GLEZ	1.0	12.0	27.0	12.0	2.90	
	IMURIS	0.0	17.0	31.0	16.0	4.74	AGUA PRIETA	0.0	12.0	28.0	11.0	1.28	
	CUAUHTEMOC	2.5	20.5	32.0	18.0	-	ANGOSTURA	0.4	19.8	27.8	19.8	4.15	
	STA. ROSA II	0.0	23.0	32.0	22.0	-	ARIBABI	0.0	13.0	25.0	13.0	-	
SONORA	ACONCHI	2.0	20.0	30.0	19.0	-	BACERAC	-	-	-	-	-	
	ARIZPE-CEA	4.0	14.0	26.0	13.0	-	HUACHINERAS	0.0	16.0	25.0	15.0	-	
	BACANUCHI	2.0	18.0	28.0	16.0	-	TEPACHE	-	-	-	-	-	
	BANAMICHI	3.0	18.5	29.5	18.5	-	P. EL NOVILLO	0.0	24.1	35.8	24.0	5.88	
	RAYON	11.5	20.5	30.0	19.0	-	NACCOZARI	1.6	18.8	29.0	18.2	-	
	EL CAJON	2.5	21.0	32.5	20.5	3.39	OVIACHIC	0.0	26.5	33.0	26.0	6.70	
	HILLO. NTE.	0.0	24.5	33.5	23.0	-	CD. OBREGON	0.0	26.0	38.0	24.0	5.34	
	HILLO. OBS.	0.0	25.0	35.0	24.5	6.87	YECORA	0.0	16.0	30.0	15.0	5.02	
	OREGANO II	0.3	24.0	35.5	22.0	3.15	YEPACHIC	0.0	14.0	29.0	11.0	-	
	EL MOLINITO	0.0	22.5	34.0	22.0	3.15	TEMOSACHI C	0.0	11.2	28.4	11.2	2.11	
QUEROBABI	0.0	20.0	33.0	20.0	-	VICAM	0.0	25.0	35.0	24.0	2.88		
CANANEA	0.3	15.5	26.0	15.0	-	OBS. OBREGÓN	0.0	27.4	35.6	24.6	4.33		
MATAPE	MAZATAN	3.0	21.0	32.0	19.0	-	MAYO	BASASEACHIC	0.0	9.2	26.3	9.2	-
	P. PTA. AGUA	0.0	23.5	32.5	23.0	3.22	A.R.CORTINES	0.0	25.0	33.0	24.5	4.25	
	PTA. AGUA II	0.0	21.0	33.0	21.0	3.60	NAVOJOA	0.0	26.0	35.0	24.0	5.42	
	EMPALME	0.0	27.9	37.3	25.1	4.55	S.BERNARDO	0.0	24.0	35.0	23.0	5.37	
	S. J. DE PIMAS	-	-	-	-	-	TEZOCOMA	0.0	23.0	33.0	22.5	4.00	
	GUAYMAS	0.0	25.4	31.9	25.4	-	RÍO FUERTE	ALAMOS	0.0	22.7	31.2	22.4	-

PRECIPITACIÓN MÁXIMA (mm)	11.5	RAYON
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PRECIPITACIÓN MEDIA	0.2	0.0	0.6	2.3	0.5	0.0
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TEMPERATURA MÍNIMA	9.2	BASASEACHIC
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TEMPERATURA MÁXIMA	38.0	CD. OBREGON
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ESTACIONES DE APOYO

ESTACION	PRECIP.	EST.	PRECIP.
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HILLO SUR			
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PRESA	ELEVACION (m)
LAZARO CARDENAS	831.63
P. ELIAS CALLES	288.56
ALVARO OBREGON	104.73
ABRAHAM GONZALEZ	2047.96
A.RUIZ CORTINES	135.72
EL MOLINITO	281.16
A. RODRIGUEZ L.	219.58
CUAUHTEMOC	593.92
I. R. ALATORRE	98.13