

PROYECTO ESPECIAL CHIRA-PIURA
DESCARGAS MEDIAS DIARIAS EN M³/S. Y VOLUMENES DIARIOS
DEL RESERVORIO DE POECHOS.

MES: NOVIEMBRE 2021

DIA	CANAL EJIDOS [M3/S]	CANAL CHECA [M3/S]	TUNEL [M3/S]	ALIVIA- DERO [M3/S]	TUNEL+ ALIVIAD. [M3/S]	CANAL DERIV. [M3/S]	CANAL HUAYPIRA [M3/S]	EVAPO- RACION [M3/S]	SALIDA TOTAL [M3/S]	INGRESO [M3/S]	BALANCE		VOL [MMC]	COTA [MSNM]
											(+) Q	(-) Q		
01	9.67	12.4	17.36	0.0	17.4	34.0	0.43	3.36	55.2	27.4		-27.8	210.1	98.96
02	9.73	12.4	17.36	0.0	17.4	34.0	0.43	3.35	55.1	28.5		-26.6	207.7	98.88
03	9.38	12.4	17.36	0.0	17.4	35.9	0.43	3.34	57.0	24.6		-32.4	205.4	98.80
04	9.39	12.4	17.36	0.0	17.4	36.0	0.43	3.32	57.1	40.9		-16.2	202.6	98.70
05	9.38	12.4	17.36	0.0	17.4	36.0	0.43	3.32	57.1	69.8	12.7		201.2	98.65
06	9.37	12.4	17.35	0.0	17.4	36.0	0.43	3.32	57.1	50.2		-6.9	202.3	98.69
07	10.12	12.4	17.36	0.0	17.4	36.0	0.43	3.32	57.1	53.6		-3.5	201.7	98.67
08	12.43	12.4	17.36	0.0	17.4	36.0	0.43	3.31	57.1	37.4		-19.7	201.4	98.66
09	12.42	12.4	17.36	0.0	17.4	35.3	0.43	3.30	56.4	30.9		-25.5	199.7	98.60
10	12.35	13.0	17.97	0.0	18.0	35.0	0.43	3.29	56.7	31.2		-25.5	197.5	98.52
11	12.34	16.0	21.00	0.0	21.0	35.0	0.43	3.27	59.7	28.5		-31.3	195.3	98.44
12	12.32	16.0	21.00	0.0	21.0	33.5	0.43	3.25	58.2	30.4		-27.8	192.6	98.34
13	12.32	16.0	21.00	0.0	21.0	33.0	0.43	3.23	57.7	29.9		-27.8	190.2	98.25
14	11.81	13.7	18.68	0.0	18.7	33.7	0.43	3.22	56.0	19.0		-37.0	187.8	98.16
15	8.06	8.1	13.05	0.0	13.1	34.0	0.43	3.20	50.7	21.7		-28.9	184.6	98.04
16	8.08	8.1	13.59	0.0	13.6	34.0	0.43	3.18	51.2	32.7		-18.5	182.1	97.94
17	8.09	8.1	13.80	0.0	13.8	34.0	0.43	3.17	51.4	51.4			180.5	97.88
18	8.09	8.1	13.09	0.0	13.1	34.0	0.43	3.17	50.7	44.9		-5.8	180.5	97.88
19	8.02	8.1	13.09	0.0	13.1	34.0	0.43	3.18	50.7	60.0	9.3		180.0	97.86
20	7.80	8.1	13.09	0.0	13.1	34.0	0.43	3.17	50.7	27.5		-23.1	180.8	97.89
21	8.04	10.5	16.01	0.0	16.0	34.0	0.43	3.17	53.6	40.9		-12.7	178.8	97.81
22	8.82	16.5	21.47	0.0	21.5	34.0	0.43	3.14	59.0	19.7		-39.4	177.7	97.77
23	8.90	16.5	21.47	0.0	21.5	34.0	0.43	3.11	59.0	16.2		-42.8	174.3	97.63
24	8.67	16.5	21.47	0.0	21.5	32.6	0.43	3.09	57.6	10.2		-47.5	170.6	97.48
25	8.61	16.5	21.47	0.0	21.5	31.5	0.43	3.07	56.5	32.2		-24.3	166.5	97.31
26	8.58	16.4	21.27	0.0	21.3	30.1	0.43	3.05	54.8	25.9		-28.9	164.4	97.22
27	8.57	16.0	21.00	0.0	21.0	28.5	0.43	3.04	53.0	53.0			161.9	97.11
28	8.02	14.1	19.14	0.0	19.1	28.0	0.43	3.04	50.6	69.1	18.5		161.9	97.11
29	6.45	9.6	14.62	0.0	14.6	28.5	0.43	3.05	46.6	36.1		-10.4	163.5	97.18
30	6.28	9.6	15.00	0.0	15.0	27.2	0.43	3.04	45.6	39.9		-5.8	162.6	97.14
01/12													162.1	97.12
SUMA	282.10	376.34	528.55	0.00	528.55	1,001.79	12.96	96.07	1639.4	1083.8	40.5	-596.1		
PROM	9.40	12.54	17.62	0.00	17.62	33.39	0.43	3.20	54.6	36.1	0.0	-23.8	184.8	98.02
MAX	12.43	16.47	21.47	0.00	21.47	36.00	0.43	3.36	59.7	69.8	18.5	-3.5	210.1	98.96
MIN	6.28	8.05	13.05	0.00	13.05	27.17	0.43	3.04	45.6	10.2	9.3	-47.5	161.9	97.11
VOLUMEN	24.37	32.52	45.67	0.00	45.67	86.55	1.12	8.30	141.6	93.6	3.5	-51.5		
Proyectado al 30 de Noviembre (MMC)									141.6	93.6		-48.0	162.1	MMC
Volumen Programado									65.4 MMC Q=		25.2	m3/s.		

14 143.27 %

PROYECTO ESPECIAL CHIRA PIURA
RIO CHIRA: MASAS MENSUALES EN MMC.

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Annual
OFERTA RIO CHIRA	165.42	208.67	345.37	403.70	284.13	169.30	111.45	75.82	57.81	58.53	65.36	109.18	2,054.7
Q Promedio Mes	61.8	86.3	128.9	155.7	106.1	65.3	41.6	28.3	22.3	21.9	25.2	40.8	
Aporte Real / Oferta (%)	110.5	75.7	408.9	121.9	129.9	98.7	168.4	98.5	113.3	128.2	143.3	0.0	
Aporte Real (MMC)	182.9	158.0	1412.3	492.2	369.1	167.1	187.6	74.7	65.5	75.0	93.6		3,277.9
Aporte Acum. (MMC)	182.9	340.8	1,753.1	2,245.3	2,614.4	2,781.5	2,969.1	3,043.8	3,109.3	3,184.3	3,277.9		
SALIDA PADH (MMC)								149.6	143.7	146.7	140.9	112.1	692.9
Q Promedio Salida Mes								55.9	55.4	54.8	54.4	41.8	
SALIDA TOTAL. (MMC)	146.8	197.2	1189.1	464.6	329.3	151.5	201.5	147.2	139.3	150.2	141.6		3,258.2

PROYECTO ESPECIAL CHIRA-PIURA
DESCARGAS MEDIAS DIARIAS
DE LOS RIOS CHIRA Y PIURA (M3/S)

MES: NOVIEMBRE 2021

DIA	PUENTE INTERN. [M3/S]	EL CIRUELO [M3/S]	PARAJE GRANDE [M3/S]	PRESA SULLANA			PUENTE R. PIURA (1) [M3/S]	PRESA EJIDOS		
				R.Chira [M3/S]	C. Norte [M3/S]	TOTAL [M3/S]		CURUMUY [M3/S]	C. EJIDOS [M3/S]	R. PIURA (2) [M3/S]
01	4.6	43.6	4.0	5.0	17.4	22.4	0.5	13.5	9.7	-3.3
02	4.3	39.3	4.0	5.8	17.4	23.2	0.5	12.7	9.7	-2.5
03	4.6	44.3	4.0	6.9	17.4	24.3	0.5	11.5	9.4	-1.7
04	7.3	88.6	1.0	7.5	17.4	24.9	0.5	11.1	9.4	-1.2
05	9.7	85.1	1.0	7.9	17.4	25.3	0.5	10.9	9.4	-1.0
06	12.5	69.5	1.0	8.6	17.4	26.0	0.5	11.0	9.4	-1.2
07	7.7	53.7	1.0	6.2	17.4	23.6	0.5	13.5	10.1	-2.9
08	5.9	38.5	1.0	6.6	17.9	24.5	0.5	15.8	12.4	-2.8
09	5.9	38.5	1.0	6.6	17.9	24.5	0.5	15.8	12.4	-2.8
10	5.6	45.2	1.5	5.9	17.9	23.8	0.5	15.5	12.4	-2.6
11	4.7	35.5	4.5	5.6	17.9	23.5	0.5	16.6	12.3	-3.8
12	4.1	27.4	2.0	6.9	17.5	24.4	0.5	15.5	12.3	-2.7
13	4.1	31.6	2.0	7.5	17.4	24.9	0.5	15.3	12.3	-2.4
14	4.1	32.2	2.0	6.7	17.4	24.1	0.5	14.3	11.8	-1.9
15	3.9	37.4	2.0	8.0	18.1	26.1	0.5	11.3	8.1	-2.8
16	6.1	52.3	2.0	7.5	18.2	25.7	0.5	12.1	8.1	-3.5
17	6.6	58.3	2.0	7.2	18.2	25.4	0.5	11.7	8.1	-3.1
18	7.0	83.9	2.0	6.7	18.2	24.9	0.5	11.9	8.1	-3.3
19	5.1	58.5	1.0	6.5	17.9	24.4	0.5	11.2	8.0	-2.7
20	4.6	48.2	1.0	6.7	17.9	24.6	0.5	13.7	7.8	-5.4
21	4.6	39.5	1.0	6.5	17.7	24.2	0.5	13.7	8.0	-5.2
22	4.3	33.1	1.0	5.2	18.0	23.2	0.5	15.0	8.8	-5.7
23	4.4	29.6	1.0	7.6	18.0	25.6	0.5	14.0	8.9	-4.6
24	4.3	34.0	1.0	7.8	17.6	25.4	0.5	13.6	8.7	-4.4
25	5.1	41.8	1.0	9.1	18.0	27.1	0.5	13.1	8.6	-4.0
26	11.5	86.2	1.0	8.5	18.0	26.5	0.5	12.6	8.6	-3.5
27	9.8	86.7	1.0	7.6	18.0	25.6	0.5	11.8	8.6	-2.7
28	6.0	59.3	1.0	9.7	18.0	27.7	0.5	11.4	8.0	-2.9
29	55.1	47.9	1.0	13.0	18.4	31.4	0.5	11.2	6.4	-4.3
30	5.1	71.2	1.0	7.0	18.4	25.4	0.5	10.0	6.3	-3.3
SUMA	228.3	1540.8	50.0	218.4	534.25	752.64	15.00	391.12	282.1	-94.02
SUMA	228.3	1540.8	50.0	218.4	534.25	752.64	15.00	391.12	282.1	-94.02
PROM	7.6	51.4	1.7	7.3	17.81	25.09	0.50	13.04	9.4	-3.13
MAX	55.1	88.6	4.5	13.0	18.40	31.41	0.50	16.63	12.4	-1.02
MIN	3.9	27.4	1.0	5.0	17.40	22.40	0.50	10.04	6.3	-5.68
MASA	19.7	133.1	4.3	18.9	46.16	65.03	1.30	33.79	24.4	-8.12
NORMAL	9.9	30.9	2.9	13.2		65.0				
ANOMALIA	-2.3	20.5	-1.2	Poechos		Sullana				

(1) PUENTE SANCHEZ CERRO

(2) ESTACION EL PAPAYO

