

**PROYECTO ESPECIAL CHIRA-PIURA**  
**DESCARGAS MEDIAS DIARIAS EN M<sup>3</sup>/S. Y VOLUMENES DIARIOS**  
**DEL RESERVOIRIO DE POECHOS.**

**MES: NOVIEMBRE 2022**

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	10.44	13.4	18.43	0.0	18.4	34.2	0.39	3.52	56.5	14.9		-41.7	236.4	99.81
02	10.28	8.9	13.93	0.0	13.9	34.3	0.41	3.50	52.1	12.1		-40.0	232.8	99.70
03	10.19	8.9	14.24	0.0	14.2	32.9	0.42	3.48	51.1	15.7		-35.4	229.6	99.60
04	10.22	8.9	13.93	0.0	13.9	33.4	0.42	3.47	51.2	11.1		-40.1	226.8	99.51
05	10.17	8.9	13.92	0.0	13.9	34.0	0.42	3.45	51.7	12.5		-39.2	223.6	99.41
06	9.85	10.8	15.58	0.0	15.6	36.0	0.42	3.44	55.4	11.6		-43.8	220.9	99.32
07	8.87	16.5	21.55	0.0	21.5	36.0	0.42	3.41	61.4	9.3		-52.1	217.8	99.22
08	8.84	16.5	21.55	0.0	21.5	34.3	0.42	3.38	59.6	8.7		-50.9	213.3	99.07
09	8.74	16.5	21.55	0.0	21.5	34.7	0.42	3.35	60.1	8.6		-51.5	208.9	98.92
10	8.73	16.5	21.55	0.0	21.5	34.8	0.42	3.33	60.1	4.5		-55.6	204.8	98.78
11	8.41	16.5	21.55	0.0	21.5	35.1	0.42	3.30	60.4	6.0		-54.4	200.0	98.61
12	7.63	16.5	21.55	0.0	21.5	36.0	0.42	3.26	61.2	8.5		-52.7	195.3	98.44
13	8.41	16.5	21.55	0.0	21.5	34.4	0.42	3.23	59.6	11.8		-47.8	191.0	98.28
14	11.05	9.2	14.49	0.0	14.5	34.0	0.42	3.20	52.1	3.0		-49.1	187.3	98.14
15	10.97	8.9	13.90	0.0	13.9	34.0	0.42	3.18	51.5	7.5		-44.0	182.3	97.95
16	10.83	8.9	13.90	0.0	13.9	34.2	0.42	3.15	51.6	3.0		-48.6	178.5	97.80
17	10.75	8.9	13.89	0.0	13.9	33.6	0.42	3.12	51.1	12.6		-38.5	174.3	97.63
18	10.50	8.9	13.93	0.0	13.9	34.0	0.42	3.11	51.4	30.6		-20.8	171.6	97.52
19	9.77	8.9	13.90	0.0	13.9	32.7	0.42	3.10	50.1	22.4		-27.7	171.1	97.50
20	9.23	10.8	15.58	0.0	15.6	32.3	0.42	3.09	51.4	18.4		-33.0	169.4	97.43
21	6.78	16.5	22.27	0.0	22.3	32.2	0.42	3.07	57.9	4.9		-53.0	167.5	97.35
22	6.78	14.7	19.68	0.0	19.7	31.8	0.42	3.05	54.9	4.9		-50.0	162.6	97.14
23	6.78	12.8	17.82	0.0	17.8	32.3	0.42	2.99	53.5	5.2		-48.3	156.9	96.89
24	6.61	12.8	17.82	0.0	17.8	31.6	0.42	2.96	52.8	9.9		-42.8	153.6	96.74
25	6.52	12.8	17.82	0.0	17.8	32.0	0.42	2.93	53.1	5.9		-47.2	149.9	96.57
26	6.17	12.8	19.12	0.0	19.1	32.0	0.42	2.90	54.4	4.2		-50.2	144.8	96.33
27	6.40	11.8	15.98	0.0	16.0	30.5	0.38	2.87	49.7	4.3		-45.4	138.5	96.02
28	7.10	8.9	14.72	0.0	14.7	29.4	0.28	2.79	47.2	3.2		-44.0	133.4	95.76
29	7.11	8.9	13.90	0.0	13.9	29.2	0.28	2.75	46.1	3.0		-43.1	129.6	95.56
30	6.59	8.9	13.93	0.0	13.9	29.4	0.28	2.72	46.3	3.2		-43.1	124.9	95.30
01/12													121.1	95.09
SUMA	260.70	361.66	513.50	0.00	513.50	995.00	11.98	95.10	1615.6	281.6	0.0	-1333.9		
PROM	8.69	12.06	17.12	0.00	17.12	33.17	0.40	3.17	53.9	9.39	0.0	-44.5	181.2	97.79
MAX	11.05	16.55	22.27	0.00	22.27	36.00	0.42	3.52	61.4	30.6	0.0	-20.8	236.4	99.81
MIN	6.17	8.93	13.89	0.00	13.89	29.20	0.28	2.72	46.1	3.0	0.0	-55.6	121.1	95.09
VOLUMEN	22.52	31.25	44.37	0.00	44.37	85.97	1.03	8.22	139.6	24.3	0.0	-115.3		
Proyectado al 30 de Noviembre (MMC)									139.6	24.3		-115.3	121.1	MMC
Volumen Programado									65.4 MMC Q=		25.2	m3/s.		

14 37.21 %

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

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Anual
OFERTA RIO CHIRA	166.45	217.64	400.83	310.00	238.90	179.67	107.24	75.80	57.80	58.50	65.40	109.20	1,987.4
Q Promedio Mes	62.1	90.0	149.7	119.6	89.2	69.3	40.0	28.3	22.3	21.8	25.2	40.8	
Aporte Real / Oferta (%)	71.7	106.0	281.0	270.1	135.2	107.5	247.5	159.6	107.0	114.6	37.2	0.0	
<b>Aporte Real (MMC)</b>	119.3	230.6	1126.4	837.5	323.0	193.2	265.4	121.0	61.8	67.0	24.3		3,369.5
<b>Aporte Acum. (MMC)</b>	119.3	349.9	1,476.3	2,313.8	2,636.8	2,830.0	3,095.3	3,216.3	3,278.1	3,345.2	3,369.5		
<b>SALIDA PADH (MMC)</b>	148.4	248.5	283.9	272.5	255.8	183.8	124.0	149.6	143.7	146.7	140.9	112.0	2,209.7
Q Promedio Salida Mes								55.9	55.4	54.8	54.4	41.8	
<b>SALIDA TOTAL. (MMC)</b>	161.2	205.1	978.3	800.3	278.8	192.6	265.4	160.4	145.5	153.0	139.6		3,480.2

## PROYECTO ESPECIAL CHIRA-PIURA

### DESCARGAS MEDIAS DIARIAS DE LOS RIOS CHIRA Y PIURA (M3/S)

**MES: NOVIEMBRE 2022**

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	6.9	58.0	0.5	5.0	18.3	23.3	0.5	13.8	10.4	-2.9
02	5.9	54.9	0.5	5.0	18.3	23.3	0.5	14.2	10.3	-3.5
03	5.2	60.8	0.5	5.0	18.3	23.3	0.5	13.2	10.2	-2.5
04	4.5	68.9	0.5	5.0	18.3	23.3	0.5	12.6	10.2	-1.9
05	5.1	62.8	0.5	5.0	18.3	23.3	0.5	11.8	10.2	-1.1
06	6.3	54.3	0.5	5.0	18.3	23.3	0.5	15.5	9.8	-5.2
07	5.5	52.5	0.5	5.0	19.9	24.9	0.5	12.9	8.9	-3.6
08	4.8	50.3	0.5	5.0	19.9	24.9	0.5	11.8	8.8	-2.5
09	4.4	53.3	0.5	5.2	19.9	25.1	0.5	11.0	8.7	-1.7
10	4.9	10.0	0.5	5.5	19.9	25.4	0.5	11.0	8.7	-1.8
11	6.0	10.0	0.5	5.0	19.2	24.2	0.5	11.0	8.4	-2.1
12	4.9	59.1	0.5	5.0	19.1	24.1	0.5	13.5	7.6	-5.4
13	4.5	10.0	0.5	5.3	19.1	24.4	0.5	16.4	8.4	-7.5
14	4.2	10.0	0.5	5.2	20.4	25.6	0.5	14.4	11.1	-2.9
15	4.0	10.0	0.5	5.4	20.4	25.8	0.5	13.0	11.0	-1.5
16	13.5	10.0	0.5	5.0	20.4	25.4	0.5	12.5	10.8	-1.2
17	21.1	10.0	0.5	5.4	20.4	25.8	0.5	12.4	10.8	-1.2
18	10.4	40.0	0.5	5.0	20.4	25.4	0.5	12.1	10.5	-1.1
19	7.5	30.0	0.5	5.0	20.4	25.4	0.5	12.4	9.8	-2.1
20	6.3	30.0	0.5	5.0	20.4	25.4	0.5	11.7	9.2	-2.0
21	5.4	10.0	0.5	5.0	20.3	25.3	0.5	9.8	6.8	-2.5
22	4.6	6.0	0.5	5.0	19.9	24.9	0.5	10.4	6.8	-3.2
23	4.2	6.0	0.5	5.2	19.9	25.1	0.5	8.9	6.8	-1.6
24	3.9	10.0	0.5	5.0	19.9	24.9	0.5	9.4	6.6	-2.2
25	5.6	9.0	0.5	5.0	20.1	25.1	0.5	9.2	6.5	-2.1
26	7.0	7.0	0.5	5.0	19.9	24.9	0.5	9.8	6.2	-3.1
27	3.9	6.0	0.5	5.9	19.9	25.8	0.5	10.7	6.4	-3.8
28	4.6	5.0	0.5	5.0	20.4	25.4	0.5	10.6	7.1	-3.0
29	4.1	4.0	0.5	5.0	20.4	25.4	0.5	10.4	7.1	-2.8
30	3.9	3.8	0.5	5.0	20.4	25.4	0.5	10.7	6.6	-3.6
SUMA	183.2	811.7	15.0	153.1	590.70	743.81	15.00	357.05	260.7	-81.34
SUMA	183.2	811.7	15.0	153.1	590.70	743.81	15.00	357.05	260.7	-81.34
PROM	6.1	27.1	0.5	5.1	19.69	24.79	0.50	11.90	8.7	-2.71
MAX	21.1	68.9	0.5	5.9	20.40	25.80	0.50	16.40	11.1	-1.07
MIN	3.9	3.8	0.5	5.0	18.30	23.30	0.50	8.88	6.2	-7.50
MASA	15.8	70.1	1.3	13.2	51.04	64.27	1.30	30.85	22.5	-7.03
<b>NORMAL</b>	9.9	30.9	2.9	13.1		64.3				
ANOMALIA	-3.8	-3.8	-2.4	Poechos		Sullana				

1) PUENTE SANCHEZ CERRO

(2) ESTACION EL PAPAYO

