

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

MES: AGOSTO 2020

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	6.27	8.0	12.75	0.0	12.8	30.0	0.20	3.52	46.5	54.6	8.1		433.8	104.30
02	6.50	8.8	13.54	0.0	13.5	31.5	0.20	3.52	48.7	34.8		-13.9	434.5	104.31
03	8.06	9.6	13.83	0.0	13.8	32.0	0.20	3.51	49.5	10.2		-39.4	433.3	104.29
04	8.51	10.0	15.00	0.0	15.0	30.4	0.20	3.51	49.1	29.4		-19.7	429.9	104.23
05	8.53	10.0	15.13	0.0	15.1	31.9	0.20	3.49	50.7	18.3		-32.4	428.2	104.20
06	8.56	10.0	16.00	0.0	16.0	32.0	0.20	3.48	51.7	32.0		-19.7	425.4	104.15
07	8.38	10.0	15.00	0.0	15.0	33.7	0.20	3.48	52.4	13.0		-39.4	423.7	104.14
08	7.81	10.3	15.29	0.0	15.3	34.0	0.20	3.47	53.0	20.6		-32.4	420.3	104.06
09	8.12	9.0	13.50	0.0	13.5	32.8	0.20	3.46	49.9	31.4		-18.5	417.5	104.01
10	9.29	10.7	14.54	0.0	14.5	30.8	0.20	3.46	49.0	23.6		-25.5	415.9	103.98
11	9.37	11.0	15.88	0.0	15.9	31.0	0.20	3.45	50.5	25.1		-25.5	413.7	103.94
12	9.37	11.0	16.13	0.0	16.1	31.0	0.20	3.44	50.8	25.3		-25.5	411.5	103.90
13	9.34	11.0	15.75	0.0	15.8	30.8	0.20	3.44	50.2	19.0		-31.2	409.3	103.86
14	9.34	10.5	16.08	0.0	16.1	29.2	0.25	3.43	48.9	17.7		-31.3	406.6	103.81
15	9.25	8.3	14.25	0.0	14.3	29.0	0.25	3.43	46.9	9.89		-37.0	403.9	103.76
16	9.64	8.0	13.25	0.0	13.3	34.0	0.29	3.41	51.0	13.95		-37.0	400.7	103.70
17	10.82	10.9	15.92	0.0	15.9	34.3	0.29	3.40	53.9	23.77		-30.1	397.5	103.64
18	10.83	10.0	15.00	0.0	15.0	34.0	0.29	3.39	52.7	15.64		-37.0	394.9	103.59
19	10.81	10.0	15.00	0.0	15.0	35.8	0.29	3.38	54.5	12.83		-41.7	391.7	103.53
20	10.80	12.3	17.25	0.0	17.3	36.5	0.29	3.37	57.4	21.53		-35.9	388.1	103.46
21	10.80	13.0	18.00	0.0	18.0	36.5	0.29	3.36	58.2	10.70		-47.5	385.0	103.40
22	10.79	13.0	18.17	0.0	18.2	37.7	0.29	3.35	59.5	23.59		-35.9	380.9	103.32
23	11.00	13.0	18.00	0.0	18.0	38.5	0.29	3.34	60.1	19.62		-40.5	377.8	103.26
24	11.72	9.7	14.67	0.0	14.7	36.2	0.29	3.33	54.5	13.95		-40.5	374.3	103.19
25	11.72	9.0	13.25	0.0	13.3	34.4	0.29	3.31	51.3	11.94		-39.4	370.8	103.12
26	11.72	9.0	15.25	0.0	15.3	33.0	0.29	3.31	51.9	28.70		-23.1	367.4	103.05
27	11.71	9.0	14.06	0.0	14.1	33.0	0.29	3.29	50.6	10.79		-39.9	365.4	103.01
28	11.72	9.0	14.23	0.0	14.2	32.5	0.29	3.28	50.3	28.33		-22.0	360.5	102.91
29	11.70	9.0	13.90	0.0	13.9	32.1	0.29	3.27	49.6	16.03		-33.6	358.6	102.87
30	11.69	9.0	14.44	0.0	14.4	31.0	0.29	3.26	49.0	10.80		-38.2	355.7	102.81
31	11.74	9.0	13.66	0.0	13.7	31.0	0.00	3.25	47.9	15.50		-32.4	352.40	102.74
01/09													349.6	102.68
SUMA	305.90	310.88	466.7	0.0	466.7	1,020.6	7.5	105.4	1,600.1	642.5	8.1	-965.8		
PROM	9.87	10.03	15.06	0.00	15.06	32.92	0.24	3.40	51.6	20.7	8.1	-32.2	396.2	103.60
MAX	11.74	13.00	18.17	0.00	18.17	38.50	0.29	3.52	60.1	54.6	8.1	-13.9	434.5	104.31
MIN	6.27	8.00	12.75	0.00	12.75	29.00	0.00	3.25	46.5	9.9	8.1	-47.5	349.6	102.68
VOLUMEN	26.43	26.9	40.3	0.0	40.3	88.2	0.6	9.1	138.3	55.5	0.7	-83.4		
Proyectado al 31 de Agosto (MMC)									138.3	55.5		-82.7	351.1	MMC
Volumen Programado										78.7	MMC Q=	29.4	m3/s.	

70.52 %

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	126.22	484.22	396.81	303.72	385.13	355.93	231.09	78.72	61.84	64.60	62.42	85.21	2,635.9
Q Promedio Mes	47.1	200.2	148.2	117.2	143.8	137.3	86.3	29.4	23.1	24.1	23.3	31.8	
Aporte Real / Oferta (%)	171.0	63.0	73.5	116.7	75.5	42.2	44.9	70.5					
Aporte Real (MMC)	215.8	304.9	291.6	354.4	290.7	150.4	103.8	55.5					1,767.2
Aporte Acum. (MMC)	215.8	520.8	812.4	1,166.8	1,457.4	1,607.8	1,711.6	1,767.2					
SALIDA TOTAL. (MMC)	172.0	310.7	241.1	270.9	282.3	130.9	114.9	138.3					1,661.1

PROYECTO ESPECIAL CHIRA-PIURA

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

MES: AGOSTO 2020

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	16.1	66.4	3.0	6.9	9.8	16.7	0.00	10.52	6.3	-4.2
02	12.5	33.6	3.0	7.9	9.8	17.7	0.00	12.76	6.5	-6.3
03	9.8	25.2	3.0	7.2	11.3	18.5	0.00	12.38	8.1	-4.3
04	8.2	20.7	3.0	9.3	11.8	21.1	0.00	11.61	8.5	-3.1
05	8.5	20.9	3.0	5.0	12.5	17.5	0.00	9.31	8.5	-0.8
06	8.0	18.2	3.0	7.0	11.8	18.8	0.00	8.24	8.6	0.3
07	7.5	16.7	3.0	9.0	11.4	20.4	0.00	7.84	8.4	0.5
08	14.1	28.7	3.0	7.9	11.4	19.3	0.00	7.81	7.8	0.0
09	14.0	35.9	3.0	7.3	11.4	18.7	0.00	11.87	8.1	-3.8
10	9.2	24.9	3.0	6.5	13.5	20.0	0.00	11.53	9.3	-2.2
11	7.9	17.7	3.0	5.0	13.0	18.0	0.00	11.83	9.4	-2.5
12	7.2	13.7	3.0	5.0	13.0	18.0	0.00	11.25	9.4	-1.9
13	6.8	12.2	3.0	5.0	12.7	17.7	0.00	11.26	9.3	-1.9
14	6.4	11.3	3.0	6.1	12.5	18.6	0.00	11.47	9.3	-2.2
15	6.7	11.0	3.0	5.4	12.4	17.8	0.00	11.18	9.2	-1.9
16	6.8	11.5	3.0	5.0	12.4	17.4	0.00	11.33	9.6	-1.7
17	6.9	11.8	3.0	6.7	12.5	19.2	0.00	15.08	10.8	-4.3
18	6.5	11.1	3.0	7.7	12.7	20.4	0.00	13.53	10.4	-3.1
19	6.4	10.3	3.0	6.5	12.8	19.3	0.00	13.27	10.8	-2.5
20	7.8	10.1	3.0	6.5	13.1	19.6	0.00	11.96	10.8	-1.2
21	7.8	10.8	3.0	5.6	12.9	18.5	0.00	12.11	10.8	-1.3
22	6.3	11.1	3.0	6.8	12.9	19.7	0.00	12.44	10.8	-1.7
23	6.2	10.5	3.0	7.2	12.9	20.1	0.00	13.71	11.0	-2.7
24	5.9	10.3	3.0	5.4	16.0	21.4	0.00	15.01	11.7	-3.3
25	5.8	9.6	3.0	5.0	16.6	21.6	0.00	14.97	11.7	-3.3
26	5.6	9.3	3.0	5.0	17.3	22.3	0.00	16.20	11.7	-4.5
27	5.6	9.1	3.0	5.0	17.1	22.1	0.00	15.90	11.7	-4.2
28	5.7	9.1	3.0	5.0	17.1	22.1	0.00	14.13	11.7	-2.4
29	5.6	10.7	3.0	5.0	16.8	21.8	0.00	14.78	11.7	-3.1
30	5.7	9.0	3.0	5.0	16.8	21.8	0.00	13.68	11.7	-2.0
31	5.8	8.7	3.0	5.0	16.8	21.8	0.00	13.76	11.7	-2.0
SUMA	243.1	519.9	93.0	192.8	414.94	607.69	0.00	382.70	305.3	-77.36
SUMA	243.1	519.9	93.0	192.8	414.94	607.69	0.00	382.70	305.3	-77.36
PROM	7.8	16.8	3.0	6.2	13.39	19.53	0.00	12.35	9.8	-2.50
MAX	16.1	66.4	3.0	9.3	17.28	22.28	0.00	16.20	11.7	0.54
MIN	5.6	8.7	3.0	5.0	9.80	16.68	0.00	7.81	6.3	-6.26
MASA	21.0	44.9	8.0	16.7	35.85	52.50	0.00	33.07	26.4	-6.68
NORMAL	13.4	38.9	3.9	13.5		52.5				
ANOMALIA	-5.6	-22.1	-0.9	Poechos		Sullana				

(1) PUENTE SANCHEZ CERRO

(2) ESTACION EL PAPAYO

Proyecto Chira-Piura

Precipitación (mm.)

MES: AGOSTO 2020

DIA	PTE	EL	PJE	Ardi-	Alivia	Su	Check	Cpto	PRESA	Chulu	Tbo
	INT.	CIR.	GDE	dilla	dero	lla	Km 29+90	PIURA	EJIDOS	canas	Gde
	mm	mm	mm	mm	mm	na	mm	mm	mm	mm	mm
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mensual	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
PROM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
NORMAL	0.6	0.2	1.5	0.3	0.2	0.3				0.0	0.0
ANOMALIA	-0.6	-0.2	-1.5	-0.3	-0.2	-0.3				0.0	0.0