

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

MES: NOVIEMBRE 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	11.59	9.3	14.29	0.0	14.3	35.0	0.31	3.20	52.8	14.6		-38.2	185.9	98.09
02	11.08	16.0	21.00	0.0	21.0	35.0	0.36	3.17	59.5	9.8		-49.8	182.6	97.96
03	11.08	16.0	21.00	0.0	21.0	35.0	0.36	3.15	59.5	15.5		-44.0	178.3	97.79
04	11.08	16.0	21.00	0.0	21.0	35.0	0.36	3.11	59.5	8.2		-51.2	174.5	97.64
05	11.02	16.0	20.00	0.0	20.0	35.0	0.36	3.08	58.4	7.7		-50.8	169.4	97.43
06	10.97	16.0	21.00	0.0	21.0	35.0	0.36	3.05	59.4	8.5		-50.9	165.6	97.27
07	10.94	12.0	17.00	0.0	17.0	35.0	0.36	3.01	55.4	7.9		-47.5	161.2	97.08
08	10.99	1.7	6.71	0.0	6.7	38.0	0.33	2.99	48.0	9.8		-38.2	157.1	96.90
09	11.01	8.0	13.04	0.0	13.0	38.0	0.30	2.96	54.3	7.2		-47.1	153.8	96.75
10	11.01	8.0	13.02	0.0	13.0	35.5	0.30	2.93	51.8	6.9		-44.8	149.2	96.54
11	11.02	8.0	13.00	0.0	13.0	34.0	0.30	2.89	50.2	5.6		-44.6	145.5	96.36
12	11.01	6.0	11.04	0.0	11.0	34.0	0.30	2.85	48.2	5.1		-43.1	141.3	96.16
13	10.93	0.0	5.00	0.0	5.0	34.0	0.30	2.82	42.1	4.3		-37.9	136.5	95.92
14	10.90	0.4	5.42	0.0	5.4	34.0	0.30	2.79	42.5	4.5		-38.1	132.7	95.72
15	8.18	0.0	5.00	0.0	5.0	24.8	0.30	2.77	32.8	5.5		-27.3	129.6	95.56
16	0.00	0.0	5.00	0.0	5.0	5.9	0.04	2.75	13.7	3.2		-10.4	127.8	95.46
17	0.00	0.0	5.00	0.0	5.0	3.4	0.03	2.74	11.2	3.0		-8.2	126.9	95.41
18	0.00	0.0	5.00	0.0	5.0	4.0	0.03	2.73	11.8	3.0		-8.8	126.1	95.37
19	0.00	0.4	5.42	0.0	5.4	4.0	0.03	2.72	12.2	2.9		-9.2	124.5	95.28
20	0.00	0.0	4.58	0.0	4.6	4.6	0.03	2.72	12.0	2.9		-9.0	123.4	95.22
21	0.00	0.0	5.00	0.0	5.0	5.0	0.02	2.72	12.7	2.9		-9.8	122.5	95.17
22	0.00	0.4	5.42	0.0	5.4	4.1	0.03	2.70	12.2	2.8		-9.4	122.2	95.15
23	0.00	0.0	5.00	0.0	5.0	4.0	0.03	2.69	11.7	3.0		-8.7	121.1	95.09
24	0.00	0.4	5.00	0.0	5.0	4.9	0.03	2.69	12.6	2.0		-10.6	120.6	95.06
25	2.75	3.3	8.33	0.0	8.3	18.1	0.03	2.68	29.2	3.0		-26.2	119.7	95.01
26	8.26	10.0	12.50	0.0	12.5	33.0	0.17	2.67	48.3	20.5		-27.8	118.3	94.93
27	8.27	10.0	12.50	0.0	12.5	33.0	0.20	2.65	48.4	20.6		-27.8	117.5	94.88
28	7.27	10.0	12.50	0.0	12.5	35.1	0.20	2.62	50.5	14.6		-35.9	115.1	94.74
29	6.87	10.0	12.50	0.0	12.5	36.0	0.20	2.59	51.3	9.6		-41.7	112.0	94.55
30	7.28	10.0	12.50	0.0	12.5	33.5	0.20	2.55	48.8	6.5		-42.3	108.4	94.33
01/12													104.2	94.06
SUMA	203.50	187.97	323.77	0.00	323.77	745.90	6.17	84.99	1160.8	221.6	0.0	-939.2		
PROM	6.78	6.27	10.79	0.00	10.79	24.86	0.21	2.83	38.7	7.4	0.0	-31.3	137.9	95.90
MAX	11.59	16.00	21.00	0.00	21.00	38.00	0.36	3.20	59.5	20.6	0.0	-8.2	185.9	98.09
MIN	0.00	0.00	4.58	0.00	4.58	3.42	0.02	2.55	11.2	2.0	0.0	-51.2	104.2	94.06
VOLUMEN	17.58	16.24	27.97	0.00	27.97	64.45	0.53	7.34	100.3	19.1	0.0	-81.1		
Proyectado al 30 de Noviembre (MMC)									100.3	19.1		-81.1	104.8	MMC
Volumen Programado									62.4 MMC Q=		24.1	m3/s.		

14 30.67 %

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	193.3	148.2	117.2	143.8	137.3	86.3	29.4	23.9	24.1	24.1	31.8	
Aporte Real / Oferta (%)	171.0	63.0	73.5	116.7	75.5	42.2	44.9	70.5	88.6	69.8	30.7		
Aporte Real (MMC)	215.8	304.9	291.6	354.4	290.7	150.4	103.8	55.5	54.8	45.1	19.1		1,886.2
Aporte Acum. (MMC)	215.8	520.8	812.4	1,166.8	1,457.4	1,607.8	1,711.6	1,767.2	1,821.9	1,867.0	1,886.2		
SALIDA TOTAL. (MMC)	172.0	310.7	241.1	270.9	282.3	130.9	114.9	138.3	127.5	136.1	100.3		2,025.0

PROYECTO ESPECIAL CHIRA-PIURA

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

MES: NOVIEMBRE 2020

DIA	PUENTE INTERN. [M3/S]	EL CIRUELO [M3/S]	PARAJE GRANDE [M3/S]	ESA 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	6.7	9.5	0.1	5.0	16.3	21.3	0.0	15.4	11.6	-3.8
02	6.3	9.2	0.1	5.0	16.4	21.4	0.0	14.1	11.1	-3.0
03	6.1	9.3	0.1	5.0	16.5	21.5	0.0	13.7	11.1	-2.7
04	6.0	9.3	0.1	5.0	16.5	21.5	0.2	14.1	11.1	-2.8
05	6.0	9.7	0.1	5.0	16.0	21.0	0.0	17.9	11.0	-6.9
06	6.1	9.7	0.1	5.0	16.0	21.0	0.0	13.1	11.0	-2.1
07	5.8	9.3	0.1	5.0	16.0	21.0	0.0	13.6	10.9	-2.7
08	5.6	9.3	0.1	5.0	16.0	21.0	0.0	16.1	11.0	-5.1
09	5.5	9.3	0.1	5.0	16.0	21.0	0.0	16.7	11.0	-5.7
10	5.6	9.0	0.1	5.0	16.0	21.0	0.0	16.0	11.0	-5.0
11	5.7	9.2	0.1	5.0	16.0	21.0	0.0	13.2	11.0	-2.2
12	5.6	9.2	0.1	5.0	16.0	21.0	0.0	13.2	11.0	-2.2
13	5.5	9.0	0.1	5.0	16.0	21.0	0.0	13.4	10.9	-2.4
14	5.5	9.1	0.1	5.0	16.0	21.0	0.0	12.0	10.9	-1.1
15	5.5	9.4	0.1	5.0	16.0	21.0	0.0	10.6	8.2	-2.4
16	5.7	9.8	0.1	5.0	16.0	21.0	0.0	6.3	0.0	-6.3
17	5.7	9.8	0.1	5.0	16.0	21.0	0.0	0.6	0.0	-0.6
18	5.7	9.8	0.1	5.0	16.0	21.0	0.0	0.1	0.0	-0.1
19	5.7	9.9	0.1	5.0	14.0	19.0	0.0	0.1	0.0	-0.1
20	6.2	10.8	0.1	5.0	12.2	17.2	7.9	0.1	0.0	7.8
21	6.4	12.7	0.1	5.0	11.5	16.5	2.5	0.1	0.0	2.4
22	6.4	12.4	0.1	5.0	11.5	16.5	0.0	0.0	0.0	0.0
23	6.1	12.3	0.1	5.0	9.1	14.1	0.0	0.0	0.0	0.0
24	13.0	21.2	0.1	5.0	8.6	13.6	0.0	0.0	0.0	0.0
25	12.0	44.9	0.1	5.0	8.6	13.6	0.0	1.5	2.8	1.2
26	8.6	20.7	0.1	5.0	8.6	13.6	0.0	9.3	8.3	-1.1
27	7.4	11.8	0.1	3.8	8.6	12.4	0.0	8.4	8.3	-0.1
28	10.4	22.9	0.1	2.5	8.6	11.1	0.0	9.5	7.3	-2.2
29	12.0	27.7	0.1	2.5	8.6	11.1	0.0	10.9	6.9	-4.1
30	9.5	19.8	0.1	2.5	10.6	13.1	0.0	10.0	7.3	-2.7
SUMA	208.3	395.9	3.0	141.3	410.34	551.59	10.63	270.06	203.5	-55.94
SUMA	208.3	395.9	3.0	141.3	410.34	551.59	10.63	270.06	203.5	-55.94
PROM	6.9	13.2	0.1	4.7	13.68	18.39	0.35	9.00	6.8	-1.86
MAX	13.0	44.9	0.1	5.0	16.50	21.50	7.92	17.92	11.6	7.82
MIN	5.5	9.0	0.1	2.5	8.63	11.13	0.00	0.00	0.0	-6.90
MASA	18.0	34.2	0.3	12.2	35.45	47.66	0.92	23.33	17.6	-4.83
NORMAL	9.9	30.9	2.9	11.7		47.7				
ANOMALIA	-3.0	-17.7	-2.8	Poecho	Sullana					

(1) PUENTE SANCHEZ CERRO

(2) ESTACION EL PAPAYO

Precipitación (mm.)

MES: NOVIEMBRE 2020

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