

**PROYECTO ESPECIAL CHIRA-PIURA**  
**DESCARGAS MEDIAS DIARIAS EN M<sup>3</sup>/S. Y VOLUMENES DIARIOS**  
**DEL RESERVOIRIO DE POECHOS.**  
**MES: OCTUBRE 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	14.62	8.58	14.19	0.0	14.2	35.0	0.50	3.59	53.3	8.1		-45.1	285.3	101.18
02	14.69	8.58	13.58	0.0	13.6	35.0	0.50	3.57	52.7	13.3		-39.4	281.4	101.08
03	14.78	9.68	14.68	0.0	14.7	37.4	0.45	3.55	56.1	12.1		-44.0	278.0	100.99
04	15.12	12.36	17.36	0.0	17.4	41.0	0.30	3.53	62.2	14.7		-47.5	274.2	100.89
05	15.13	12.36	17.36	0.0	17.4	41.0	0.30	3.51	62.2	20.5		-41.7	270.1	100.78
06	15.02	12.36	17.36	0.0	17.4	41.0	0.30	3.49	62.2	6.6		-55.6	266.5	100.68
07	14.93	12.36	17.36	0.0	17.4	41.0	0.30	3.47	62.1	13.5		-48.6	261.7	100.55
08	14.66	12.36	17.36	0.0	17.4	41.0	0.30	3.45	62.1	29.7		-32.4	257.5	100.43
09	12.91	12.36	17.36	0.0	17.4	41.0	0.30	3.43	62.1	13.5		-48.6	254.7	100.35
10	8.83	12.36	17.36	0.0	17.4	37.3	0.30	3.41	58.3	14.3		-44.0	250.5	100.23
11	12.33	9.72	14.72	0.0	14.7	35.1	0.30	3.39	53.5	14.2		-39.4	246.7	100.12
12	12.32	9.60	14.60	0.0	14.6	35.0	0.30	3.37	53.3	7.0		-46.3	243.3	100.02
13	12.25	9.60	14.60	0.0	14.6	35.0	0.30	3.35	53.3	15.1		-38.2	239.3	99.90
14	12.35	9.60	14.60	0.0	14.6	35.0	0.30	3.33	53.2	31.2		-22.0	236.0	99.80
15	12.53	9.60	14.60	0.0	14.6	35.0	0.30	3.31	53.2	8.1		-45.1	234.1	99.74
16	12.23	9.60	14.60	0.0	14.6	35.0	0.30	3.29	53.2	17.3		-35.9	230.2	99.62
17	11.87	10.00	15.00	0.0	15.0	36.0	0.30	3.27	54.6	10.6		-44.0	227.1	99.52
18	10.81	11.00	16.00	0.0	16.0	37.0	0.01	3.25	56.3	16.9		-39.4	223.3	99.40
19	10.80	11.00	16.00	0.0	16.0	37.0	0.30	3.23	56.5	21.8		-34.7	219.9	99.29
20	10.80	11.00	16.00	0.0	16.0	37.0	0.37	3.23	56.6	56.6			216.9	99.19
21	10.80	11.00	15.98	0.0	16.0	37.0	0.40	3.22	56.6	42.7		-13.9	216.9	99.19
22	10.82	11.0	16.00	0.0	16.0	37.0	0.40	3.22	56.6	39.3		-17.4	215.7	99.15
23	10.82	11.0	16.00	0.0	16.0	37.0	0.40	3.22	56.6	60.1	3.5		214.2	99.10
24	11.59	11.6	16.57	0.0	16.6	38.3	0.41	3.22	58.5	68.9	10.4		214.5	99.11
25	13.94	12.9	17.94	0.0	17.9	38.5	0.43	3.22	60.1	53.1		-6.9	215.4	99.14
26	13.98	12.9	17.94	0.0	17.9	37.2	0.43	3.22	58.8	65.7	6.9		214.8	99.12
27	14.05	12.9	17.94	0.0	17.9	36.3	0.43	3.22	57.9	54.4		-3.5	215.4	99.14
28	14.04	12.9	17.94	0.0	17.9	35.0	0.43	3.22	56.6	39.3		-17.4	215.1	99.13
29	14.01	9.2	14.16	0.0	14.2	34.3	0.43	3.21	52.1	34.7		-17.4	213.6	99.08
30	13.15	0.1	5.05	0.0	5.1	34.0	0.11	3.20	42.4	31.9		-10.4	212.1	99.03
31	10.54	3.6	8.64	0.0	8.6	33.7	0.16	3.19	45.7	33.0		-12.7	211.2	99.00
01/11													210.1	98.96
SUMA	396.70	323.26	478.84	0.00	478.84	1,146.06	10.38	103.38	1738.7	868.3	20.8	-891.2		
PROM	12.80	10.43	15.45	0.00	15.45	36.97	0.33	3.33	56.1	28.0	6.9	-33.0	236.4	99.78
MAX	15.13	12.94	17.94	0.00	17.94	41.00	0.50	3.59	62.2	68.9	10.4	-3.5	285.3	101.18
MIN	8.83	0.05	5.05	0.00	5.05	33.70	0.01	3.19	42.4	6.6	3.5	-55.6	210.1	98.96
VOLUMEN	34.28	27.93	41.37	0.00	41.37	99.02	0.90	8.93	150.2	75.0	1.8	-77.0		
Proyectado al 31 de Octubre (MMC)									150.22	75.02		-75.2	210.1	MMC
Volumen Programado									58.5 MMC Q=			21.9	m3/s.	

128.17 %

**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	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 Aporte 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			145.4
Aporte Real (MMC)	182.9	158.0	1412.3	492.2	369.1	167.1	187.6	74.7	65.5	75.0			3,184.3
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			
SALIDA PADH (MMC)								149.6	143.7	146.7	140.9	112.1	
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			3,116.6

**PROYECTO ESPECIAL CHIRA-PIURA**  
**DESCARGAS MEDIAS DIARIAS**  
**DE LOS RIOS CHIRA Y PIURA (M3/S)**  
**MES: OCTUBRE 2021**

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	3.8	19.4	4.0	5.0	18.8	23.8	0.0	16.6	14.62	-1.9
02	3.8	18.9	4.0	5.0	18.8	23.8	0.0	16.1	14.69	-1.4
03	3.9	17.7	4.0	5.0	18.8	23.8	0.0	16.1	14.78	-1.3
04	3.8	17.3	4.0	5.0	18.8	23.8	0.0	16.0	15.12	-0.9
05	3.8	20.1	4.0	5.4	18.8	24.2	0.0	15.9	15.13	-0.7
06	3.8	24.4	4.0	5.0	18.8	23.8	0.0	15.9	15.02	-0.8
07	3.8	23.0	4.0	5.0	18.8	23.8	0.0	16.0	14.93	-1.1
08	5.3	29.3	4.0	5.1	18.8	23.9	0.0	15.8	14.66	-1.1
09	4.5	25.0	4.0	5.0	18.8	23.8	0.0	15.7	12.91	-2.8
10	5.1	20.9	4.0	5.8	17.8	23.6	0.1	17.1	8.83	-8.1
11	4.3	19.5	4.0	5.7	16.6	22.3	0.4	17.1	12.33	-4.4
12	3.9	29.8	4.0	5.1	18.0	23.1	0.5	16.0	12.32	-3.2
13	4.0	28.6	4.0	5.0	18.0	23.0	0.5	15.3	12.25	-2.5
14	3.9	27.7	4.0	5.2	18.0	23.2	0.5	14.6	12.35	-1.8
15	3.8	20.9	4.0	5.0	18.0	23.0	0.5	14.5	12.53	-1.5
16	3.9	19.7	4.0	5.0	18.0	23.0	0.5	14.4	12.23	-1.6
17	3.9	25.1	4.0	5.0	18.0	23.0	0.5	14.5	11.87	-2.1
18	3.8	24.5	5.2	5.2	17.7	22.9	0.5	12.9	10.81	-1.6
19	5.3	56.2	4.0	5.3	17.7	23.0	0.5	13.7	10.80	-2.4
20	6.2	82.6	4.0	5.0	18.0	23.0	0.5	12.8	10.80	-1.5
21	5.2	59.7	4.0	5.1	17.5	22.6	0.6	13.1	10.80	-1.7
22	10.8	75.7	4.0	5.6	17.4	23.0	0.5	13.1	10.82	-1.7
23	8.9	90.3	4.0	6.2	16.5	22.7	0.5	12.5	10.82	-1.2
24	9.2	84.2	4.0	5.1	15.9	21.0	0.5	15.2	11.59	-3.2
25	12.6	67.2	4.0	5.4	17.6	23.0	0.5	18.5	13.94	-4.1
26	12.3	111.0	4.0	5.0	17.6	22.6	0.5	17.3	13.98	-2.8
27	6.7	63.0	4.0	5.4	17.6	23.0	0.5	16.9	14.05	-2.3
28	13.1	60.4	4.0	5.1	17.0	22.1	0.5	16.8	14.04	-2.3
29	10.4	54.0	4.0	5.0	16.9	21.9	0.0	16.2	14.01	-2.1
30	4.7	47.9	4.0	5.3	16.9	22.2	0.5	16.7	13.15	-3.0
31	4.4	41.9	4.0	5.0	16.9	21.9	0.5	14.7	10.54	-3.6
SUMA	182.8	1305.8	125.2	160.9	552.75	713.69	10.05	477.49	396.7	-70.74
SUMA	182.8	1305.8	125.2	160.9	552.75	713.69	10.05	477.49	396.7	-70.74
PROM	5.9	42.1	4.0	5.2	17.83	23.06	0.32	15.40	12.8	-2.28
MAX	13.1	111.0	5.2	6.2	18.80	24.20	0.55	18.51	15.1	-0.74
MIN	3.8	17.3	4.0	5.0	15.85	20.95	0.00	12.53	8.8	-8.13
MASA	15.8	112.8	10.8	13.9	47.76	61.66	0.87	41.25	34.3	-6.11
<b>NORMAL</b>	11.4	34.0	3.2	13.4		61.7				
ANOMALIA	-5.5	8.1	0.8	Poechos		Sullana				

%      **51.72**      **123.89**      **126.18**

- (1) PUENTE SANCHEZ CERRO  
(2) ESTACION EL PAPAYO

## Proyecto Chira-Piura

Precipitación (mm.)

**MES: OCTUBRE 2021**

DIA	PTE	EL	PJE	Ardi-	Alivia	Su	Check	Curumuy	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	mm
01	0.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0
19	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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	0.0
22	1.0	1.2	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	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	0.0
25	0.0	0.6	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	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	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	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	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	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	0.0
<b>Total Mensual</b>	1.0	3.4	0.0	0.0	0.0	0.0	0.0		0.0		0.3	0.0
PROM	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0
MAX	1.0	1.2	0.0	0.0	0.0	0.0	0.0		0.0		0.3	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0
NORMAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0
ANOMALIA	1.0	3.4	0.0	0.0	0.0	0.0	0.0		0.0		0.3	0.0