

# **Anexo 1**

**Aforo de los ríos de la cuenca de río indio  
(Unidades en el sistema inglés)**

**Temporada Lluviosa**  
**2017**

**AFORO DEL RÍO INDIO EN EL CHARCÓN**  
**PUNTO 1 - COORDENADAS: 0588344E; 1013690N**  
**12 DE OCTUBRE DE 2017**

RIO	INDIO		METODO	0.6		FECHA (M/D/A)	12-oct-17		EDI 1/4	38			
ESTACION	EL CHARCÓN		PESO	50 lbs		HORA INICIO	05:10:00 p. m.		EDI 2/4	72			
CLAVE	BUENO		MOLINETE	GURLEY		HORA FINAL	05:40:00 p. m.		EDI 3/4	94			
AFORADOR	IBURCIO RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)	1.00		EDI 4/4	121			
TIPO AFORO	DESDE BOTE		PRUEBA FINAL			ELEV. FINAL (ft)	1.00		POR:	T. RODRIGUEZ			
Area:	2377.86	RadHid:	13.47	P_Mojad	176.53	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	1.00		
Ancho:	167.32	A*RH <sup>2/3</sup>	13461.85	(S <sup>1/2</sup> )/n:	0.0214		0.18	59	23.78	Caudal(cfs)	429.42		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	19.7	13.78	5	59	0.20	0.20	0.10	135.625	19.69	24.0287	13.8777	3.2317	3.23
3	39.4	19.26	3	177	0.06	0.06	0.13	325.178	19.69	20.4333	42.2433	9.8373	13.07
4	59.1	18.70	4	54	0.18	0.18	0.12	373.615	19.69	19.6929	44.1404	10.2791	23.35
5	78.7	17.42	7	51	0.32	0.32	0.25	355.532	19.69	19.7266	89.1564	20.7620	44.11
6	98.4	16.11	7	55	0.30	0.30	0.31	330.021	19.69	19.7287	102.1137	23.7794	67.89
7	114.8	15.26	6	57	0.25	0.25	0.27	257.257	16.40	16.4264	70.5265	16.4236	84.31
8	134.5	14.27	3	300	0.04	0.04	0.14	290.626	19.69	19.7096	42.1018	9.8043	94.12
9	154.2	10.33	3	58	0.13	0.13	0.09	242.188	19.69	20.0749	20.7906	4.8415	98.96
10	167.3						0.07	67.813	13.12	16.7041	4.4703	1.0410	100.00

Estos resultados no se deben tomar en cuenta porque el sitio es afectado por la marea del Mar Caribe

**AFORO DEL RÍO LA ENCANTADA EN LA ENCANTADA**  
**PUNTO 2 - COORDENADAS 0594303E, 0999206N**  
**12 DE OCTUBRE DE 2017**

Nota: El Aforo se realizó a ± 200 metros aguas arriba de su desembocadura en el río Indio

RIO	LA ENCANTADA		METODO	0.6		FECHA (M/D/A)	12-oct-17		EDI 1/4	30			
ESTACION	LA ENCANTADA		PESO	50 lbs		HORA INICIO	03:33:00 p. m.		EDI 2/4	24			
CLAVE	BUENO		MOLINETE	GURLEY		HORA FINAL	04:03:00 p. m.		EDI 3/4	19			
AFORADOR	FIBURCIO RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)	0.55		EDI 4/4	13			
TIPO AFORO	DESDE BOTE		PRUEBA FINAL			ELEV. FINAL (ft)	0.50		POR:	T. RODRIGUEZ			
Area:	343.69	RadHid:	8.29	P_Mojad	41.45	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.53		
Ancho:	65.62	A*RH <sup>A2/3</sup>	1408.07	(S <sup>1/2</sup> )/n:	0.1360		0.83	10	15.89	Caudal(cfs)	285.33		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1	36.1												
2	32.8	6.30	30	55	1.22	1.22	0.61	10.333	3.28	7.1024	6.3055	2.2099	2.21
3	29.5	6.76	50	56	1.99	1.99	1.60	21.420	3.28	3.3128	34.3450	12.0368	14.25
4	26.2	5.15	56	51	2.44	2.44	2.21	19.536	3.28	3.6535	43.2258	15.1493	29.40
5	23.0	6.00	50	51	2.18	2.18	2.31	18.299	3.28	3.3899	42.2527	14.8082	44.20
6	19.7	6.76	45	51	1.96	1.96	2.07	20.936	3.28	3.3665	43.3641	15.1978	59.40
7	16.4	7.19	45	50	2.00	2.00	1.98	22.873	3.28	3.3084	45.3501	15.8938	75.30
8	13.1	6.00	30	53	1.27	1.27	1.63	21.635	3.28	3.4870	35.3515	12.3896	87.69
9	9.8	3.38	25	50	1.12	1.12	1.19	15.392	3.28	4.2015	18.3631	6.4357	94.12
10	6.6	3.31	15	50	0.68	0.68	0.90	10.979	3.28	3.2815	9.8782	3.4620	97.58
11	3.3	3.05	15	53	0.64	0.64	0.66	10.441	3.28	3.2913	6.8965	2.4170	100.00
12							0.32			3.0512			

Estos resultados no se deben tomar en cuenta porque el sitio es afectdo por la marea del Mar Caribe

**AFOR DEL RÍO LA ENCANTADA EN LAS CRUCES**  
**PUNTO 3 - COORDENADAS: 0594303E; 0999206N**  
**13 DE OCTUBRE DE 2017**

RIO	LA ENCANTADA	METODO	0.6	FECHA (M/D/A)	13-oct-17	EDI 1/4	5						
ESTACION	LAS CRUCES	PESO		HORA INICIO	11:30	EDI 2/4	9						
CLAVE	BUENO	MOLINETE	GURLEY	HORA FINAL	11:50	EDI 3/4	12						
AFORADOR	TIBURCIO RODRIGUEZ	PRUEBA INICIO		ELEV. INICIAL (ft)	0.50	EDI 4/4	18						
TIPO AFORO	VADEO	PRUEBA FINAL		ELEV. FINAL (ft)	0.50	POR:	T. RODRIGUEZ						
Area:	48.55	RadHid:	1.87	P_Mojad	25.90	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	24.61	A*RH <sup>2/3</sup>	73.79	(S <sup>1/2</sup> )/n:	0.3534		0.80	3	23.13	Caudal(cfs)	38.86		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	3.3	2.33	18	53	0.77	0.77	0.38	3.821	3.28	4.0237	1.4647	3.7691	3.77
3	6.6	2.56	27	52	1.16	1.16	0.96	8.019	3.28	3.2889	7.7352	19.9057	23.67
4	9.8	2.33	26	54	1.08	1.08	1.12	8.019	3.28	3.2889	8.9893	23.1329	46.81
5	13.1	2.30	25	51	1.10	1.10	1.09	7.589	3.28	3.2810	8.2638	21.2658	68.07
6	16.4	2.33	11	56	0.45	0.45	0.77	7.589	3.28	3.2810	5.8791	15.1292	83.20
7	19.7	2.36	16	51	0.71	0.71	0.58	7.696	3.28	3.2810	4.4653	11.4909	94.69
8	24.6						0.35	5.813	4.92	5.4588	2.0620	5.3063	100.00

**AFORO DEL RÍO JOBO**  
**PUNTO 4 - COORDENADAS: 0588194E; 1001201N**  
**12 DE OCTUBRE DE 2017**

RIO	JOBO	METODO	0.6	FECHA (M/D/A)	12-oct-17	EDI 1/4	5						
ESTACION	JOBO	PESO		HORA INICIO	09:50:00 a. m.	EDI 2/4	10						
CLAVE	BUENO	MOLINETE	GURLEY	HORA FINAL	10:10:00 a. m.	EDI 3/4	13						
AFORADOR	T. RODRIGUEZ	PRUEBA INICIO		ELEV. INICIAL (ft)	0.50	EDI 4/4	19						
TIPO AFORO	VADEO	PRUEBA FINAL		ELEV. FINAL (ft)	0.50	POR:	T. RODRIGUEZ						
Area:	66.74	RadHid:	2.33	P_Mojad	28.58	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	26.25	A*RH <sup>2/3</sup>	117.45	(S <sup>1/2</sup> )/n:	0.1953		0.51	7	22.97	Caudal(cfs)	34.19		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	3.3	3.0	10	51	0.45	0.45	0.23	4.951	3.28	4.4581	1.1143	3.2597	3.26
3	6.6	3.1	12	56	0.49	0.49	0.47	10.064	3.28	3.2823	4.7321	13.8423	17.10
4	9.8	3.2	17	44	0.87	0.87	0.68	10.333	3.28	3.2815	7.0262	20.5531	37.66
5	13.1	2.7	15	44	0.77	0.77	0.82	9.580	3.28	3.3226	7.8511	22.9662	60.62
6	16.4	2.7	13	46	0.64	0.64	0.71	8.719	3.28	3.2808	6.1482	17.9847	78.61
7	19.7	2.8	6	52	0.27	0.27	0.46	8.934	3.28	3.2835	4.0788	11.9314	90.54
8	23.0	2.9	8	44	0.42	0.42	0.35	9.365	3.28	3.2835	3.2349	9.4627	100.00
9	26.2							4.790	3.28	4.3920			

**AFORO DEL RÍO INDIO EN DOMINICAL**  
**PUNTO 5 - COORDENADAS: 589657 E, 0996220 N**  
**11 DE OCTUBRE DE 2017**

RIO	INDIO		METODO		0.6		FECHA (M/D/A)		11-oct-17		EDI 1/4		27	
ESTACION	DOMINICAL		PESO		50 Lbs		HORA INICIO		04:50:00 p. m.		EDI 2/4		41	
CLAVE	BUENO		MOLINETE		GURLEY-NE-4063		HORA FINAL		05:26:00 p. m.		EDI 3/4		50	
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO				ELEV. INICIAL (ft)		0.50		EDI 4/4		60	
TIPO AFORO	DESDE BOTE		PRUEBA FINAL				ELEV. FINAL (ft)		0.50		POR:		T. RODRIGUEZ	
Area:	299.43		RadHid:		3.81		P. Mojad	78.66	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50
Ancho:	76.44		A*RH <sup>2/3</sup>		729.97		(S <sup>1/2</sup> /n:	0.4319		1.57	59	8.82	Caudal(cfs)	469.72
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per. Mojad	Caudal	Caudal en %		
1														
2	9.8	2.1	15	51	0.67	0.67	0.33	10.333	9.84	10.0640	3.4424	0.7329	0.73	
3	13.1	2.9	20	56	0.81	0.81	0.74	8.181	3.28	3.3740	6.0189	1.2814	2.01	
4	16.4	3.4	20	44	1.02	1.02	0.91	10.387	3.28	3.3279	9.4794	2.0181	4.03	
5	19.7	3.3	15	44	0.77	0.77	0.89	11.087	3.28	3.2835	9.9195	2.1118	6.14	
6	23.0	3.4	20	46	0.98	0.98	0.87	11.087	3.28	3.2835	9.6779	2.0604	8.20	
7	26.2	4.3	40	52	1.71	1.71	1.35	12.648	3.28	3.3818	17.0123	3.6218	11.83	
8	29.5	5.0	20	44	1.02	1.02	1.37	15.177	3.28	3.3593	20.7455	4.4165	16.24	
9	32.8	4.4	40	53	1.68	1.68	1.35	15.446	3.28	3.3279	20.8661	4.4422	20.69	
10	36.1	4.4	40	40	2.22	2.22	1.95	14.531	3.28	3.2808	28.3680	6.0393	26.72	
11	39.4	4.5	50	46	2.41	2.41	2.32	14.693	3.28	3.2823	34.0645	7.2521	33.98	
12	42.7	5.0	46	40	2.55	2.55	2.48	15.554	3.28	3.3084	38.6330	8.2247	42.20	
13	45.9	5.2	44	40	2.44	2.44	2.50	16.576	3.28	3.2867	41.4112	8.8161	51.02	
14	49.2	5.2	50	47	2.36	2.36	2.40	17.061	3.28	3.2823	41.0006	8.7287	59.75	
15	52.5	5.7	40	40	2.22	2.22	2.29	17.922	3.28	3.3084	41.0943	8.7487	68.49	
16	55.8	6.0	40	47	1.89	1.89	2.06	19.106	3.28	3.2941	39.3279	8.3726	76.87	
17	59.1	5.5	40	41	2.17	2.17	2.03	18.783	3.28	3.3175	38.1582	8.1236	84.99	
18	62.3	5.4	30	42	1.59	1.59	1.88	17.868	3.28	3.2815	33.6052	7.1543	92.15	
19	65.6	5.2	20	48	0.94	0.94	1.26	17.438	3.28	3.2867	22.0508	4.6945	96.84	
20	68.9	5.0	7	41	0.39	0.39	0.67	16.738	3.28	3.2889	11.1365	2.3709	99.21	
21	76.4						0.20	18.815	7.55	9.0449	3.7088	0.7896	100.00	

**AFORO DEL RÍO INDIO EN LOS CHORROS**  
**PUNTO 6 - COORDENADAS: 0595984E; 0968473N**  
**17 DE OCTUBRE DE 2017**

RIO	INDIO	METODO	0.2, 0.8	FECHA (M/D/A)	17-oct-17	EDI 1/4	10						
ESTACION	LOS CHORROS	PESO		HORA INICIO	12:46:00 p.m	EDI 2/4	14						
CLAVE	BUENO	MOLINETE	GURLEY	HORA FINAL	5:00:00 p.m	EDI 3/4	18						
AFORADOR	EDUARDO MEDRANO	PRUEBA INICIO		ELEV. INICIAL (ft)	0.50	EDI 4/4	24						
TIPO AFORO	VADEO	PRUEBA FINAL		ELEV. FINAL (ft)	0.50	POR:	E.MEDRANO						
Area:	95.80	RadHid:	2.07	P_Mojad	46.32	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	44.00	A*RH <sup>2/3</sup>	155.51	(S <sup>1/2</sup> )n:	0.4115		1.00	8	13.38	Caudal(cfs)	95.34		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1		0.40									0.4000		
2	2.0	0.50	14	56	0.57	0.57	0.28	0.900	2.00	2.0025	0.2561	0.2686	0.27
3	4.0	0.70	16	52	0.70	0.70	0.63	1.200	2.00	2.0100	0.7591	0.7962	1.06
4	6.0	0.70	25	50	1.12	1.12	0.91	1.400	2.00	2.0000	1.2715	1.3336	2.40
5	8.0	2.70	26	51	1.14	0.98	1.05	3.400	2.00	2.8284	3.5748	3.7495	6.15
			19	52	0.82								
6	10.0	3.30	33	51	1.44	1.04	1.01	6.000	2.00	2.0881	6.0598	6.3561	12.50
			15	54	0.63								
7	12.0	3.70	35	50	1.56	1.50	1.27	7.000	2.00	2.0396	8.8905	9.3251	21.83
			33	51	1.44								
8	14.0	4.50	32	51	1.40	1.39	1.45	8.200	2.00	2.1541	11.8519	12.4312	34.26
			32	52	1.37								
9	16.0	4.70	31	50	1.38	1.32	1.35	9.200	2.00	2.0100	12.4384	13.0464	47.31
			29	52	1.25								
10	18.0	5.30	29	52	1.25	1.24	1.28	10.000	2.00	2.0881	12.7594	13.3831	60.69
			29	53	1.22								
11	20.0	4.60	26	50	1.16	0.88	1.06	9.900	2.00	2.1190	10.4542	10.9652	71.65
			15	58	0.59								
12	22.0	3.80	28	52	1.21	1.17	1.02	8.400	2.00	2.1541	8.6081	9.0289	80.68
			26	51	1.14								
13	24.0	3.10	23	50	1.03	0.97	1.07	6.900	2.00	2.1190	7.3805	7.7413	88.43
			20	50	0.90								
14	26.0	2.50	22	50	0.99	0.84	0.90	5.600	2.00	2.0881	5.0443	5.2908	93.72
			16	53	0.68								
15	28.0	2.00	23	53	0.97	0.64	0.74	4.500	2.00	2.0616	3.3243	3.4868	97.20
			7	53	0.31								
16	30.0	1.40	10	50	0.46	0.39	0.52	3.400	2.00	2.0881	1.7534	1.8391	99.04
			7	51	0.32								
17	32.0	1.20	2	51	0.10	0.08	0.24	2.600	2.00	2.0100	0.6145	0.6445	99.69
			1	50	0.06								
18	44.0						0.04	7.200	12.00	12.0599	0.2991	0.3137	100.00

**AFORO DEL RÍO INDIO EN BOCA DE URACILLO**  
**PUNTO 7 - COORDENADAS: 0590528E; 0991756N**  
**11 DE OCTUBRE DE 2017**

RIO	INDIO		METODO	0.6		FECHA (M/D/A)	11-oct-17		EDI 1/4	13			
ESTACION	BOCA DE URACILLO		PESO	50 Lbs		HORA INICIO	02:00:00 p. m.		EDI 2/4	24			
CLAVE	BUENO		MOLINETE	GURLEY-NE-4063		HORA FINAL	03:00:00 p. m.		EDI 3/4	33			
AFORADOR	TIBURCIO RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)	0.50		EDI 4/4	46			
TIPO AFORO	DESDE BOTE		PRUEBA FINAL			ELEV. FINAL (ft)	0.50		POR:	T. RODRIGUEZ			
Area:	318.56	RadHid:	4.51	P. Mojad	70.60	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	62.34	A*RH <sup>2/3</sup>	869.84	(S <sup>1/2</sup> /n):	0.3566		1.45	10	8.98	Caudal(cfs)	462.16		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1	6.6	2.95	15	57	0.60	0.60	0.60			2.9528			
2	9.8	6.86	30	42	1.59	1.59	1.10	16.092	3.28	5.0997	17.6262	3.8139	3.81
3	13.1	6.40	40	50	1.78	1.78	1.69	21.743	3.28	3.3128	36.6838	7.9374	11.75
4	16.4	6.23	40	47	1.89	1.89	1.84	20.721	3.28	3.2849	38.0829	8.2402	19.99
5	19.7	6.00	40	50	1.78	1.78	1.84	20.075	3.28	3.2889	36.8959	7.9833	27.97
6	23.0	5.87	40	48	1.86	1.86	1.82	19.483	3.28	3.2835	35.4270	7.6655	35.64
7	26.2	5.91	40	46	1.94	1.94	1.90	19.321	3.28	3.2810	36.6152	7.9226	43.56
8	29.5	6.14	40	43	2.07	2.07	2.00	19.752	3.28	3.2889	39.5410	8.5557	52.12
9	32.8	6.50	40	46	1.94	1.94	2.00	20.721	3.28	3.3006	41.4804	8.9753	61.09
10	36.1	5.22	40	51	1.75	1.75	1.84	19.214	3.28	3.5215	35.3729	7.6538	68.75
11	39.4	4.76	40	49	1.82	1.82	1.78	16.361	3.28	3.3128	29.1612	6.3097	75.06
12	42.7	4.92	40	48	1.86	1.86	1.84	15.877	3.28	3.2849	29.1559	6.3086	81.37
13	45.9	4.56	40	52	1.71	1.71	1.78	15.554	3.28	3.3006	27.7553	6.0055	87.37
14	49.2	4.56	21	50	0.94	0.94	1.33	14.962	3.28	3.2808	19.8814	4.3018	91.67
15	52.5	4.49	20	49	0.92	0.92	0.93	14.854	3.28	3.2815	13.8258	2.9916	94.66
16	55.8	4.43	7	40	0.40	0.40	0.66	14.639	3.28	3.2815	9.6716	2.0927	96.76
17	59.1	4.43	10	48	0.48	0.48	0.44	14.531	3.28	3.2808	6.3994	1.3847	98.14
18	62.3	3.58	5	51	0.23	0.23	0.36	13.132	3.28	3.3899	4.6690	1.0103	99.15
19	68.9	2.99	3	59	0.13	0.13	0.18	21.528	6.56	6.5882	3.9166	0.8475	100.00
							0.06			2.9856			



**AFORO DEL RÍO URACILLO EN LAS MARIÁS**  
**PUNTO 8 - COORDENADAS: 0585602E; 0982652N**  
**25 DE OCTUBRE DE 2017**

RIO	URACILLO	METODO	0.6		FECHA (M/D/A)	25-oct-17	EDI 1/4	10					
ESTACION	LAS MARIAS	PESO			HORA INICIO	12:10:00 p. m.	EDI 2/4	18					
CLAVE		MOLINETE	GURLEY		HORA FINAL	12:43:00 p. m.	EDI 3/4	27					
AFORADOR	E.MEDRANO	PRUEBA INICIO			ELEV. INICIAL (ft)	0.50	EDI 4/4	36					
TIPO AFORO	VADEO	PRUEBA FINAL			ELEV. FINAL (ft)	0.50	POR:	E.MEDRANO					
Area:	75.60	RadHid:	1.64	P_Mojad	46.07	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	44.00	A*RH <sup>2/3</sup>	105.18	(S <sup>1/2</sup> )n:	0.9244		1.92	36	6.43	Caudal(cfs)	144.87		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1	4.0	1.60	20	42	1.07	1.07	1.07			1.6000			
2	6.0	1.90	31	40	1.73	1.73	1.40	3.500	2.00	2.0224	4.8899	3.3753	3.38
3	8.0	1.90	26	40	1.45	1.45	1.59	3.800	2.00	2.0000	6.0371	4.1673	7.54
4	10.0	1.80	43	40	2.39	2.39	1.92	3.700	2.00	2.0025	7.1019	4.9022	12.44
5	12.0	1.70	46	40	2.55	2.55	2.47	3.500	2.00	2.0025	8.6472	5.9689	18.41
6	14.0	1.70	47	40	2.61	2.61	2.58	3.400	2.00	2.0000	8.7750	6.0571	24.47
7	16.0	1.80	46	41	2.49	2.49	2.55	3.500	2.00	2.0025	8.9249	6.1606	30.63
8	18.0	1.70	47	43	2.43	2.43	2.46	3.500	2.00	2.0025	8.6086	5.9422	36.57
9	20.0	1.90	45	41	2.44	2.44	2.43	3.600	2.00	2.0100	8.7577	6.0452	42.62
10	22.0	1.70	41	40	2.28	2.28	2.36	3.600	2.00	2.0100	8.4878	5.8588	48.48
11	24.0	1.90	43	40	2.39	2.39	2.33	3.600	2.00	2.0100	8.3982	5.7970	54.27
12	26.0	2.00	43	40	2.39	2.39	2.39	3.900	2.00	2.0025	9.3130	6.4285	60.70
13	28.0	1.80	44	40	2.44	2.44	2.42	3.800	2.00	2.0100	9.1790	6.3360	67.04
14	30.0	1.80	42	40	2.33	2.33	2.39	3.600	2.00	2.0000	8.5967	5.9340	72.97
15	32.0	1.80	39	41	2.12	2.12	2.22	3.600	2.00	2.0000	8.0062	5.5264	78.50
16	34.0	1.90	37	41	2.01	2.01	2.06	3.700	2.00	2.0025	7.6267	5.2645	83.76
17	36.0	1.70	34	40	1.89	1.89	1.95	3.600	2.00	2.0100	7.0189	4.8449	88.61
18	38.0	1.90	28	41	1.52	1.52	1.71	3.600	2.00	2.0100	6.1477	4.2436	92.85
19	40.0	1.80	19	40	1.07	1.07	1.29	3.700	2.00	2.0025	4.7889	3.3056	96.16
20	42.0	1.70	13	44	0.67	0.67	0.87	3.500	2.00	2.0025	3.0350	2.0950	98.25
21	44.0	1.40	6	42	0.33	0.33	0.50	3.100	2.00	2.0224	1.5531	1.0720	99.33
22	46.0	1.20	5	41	0.29	0.29	0.31	2.600	2.00	2.0100	0.8053	0.5559	99.88
23	48.0						0.14	1.200	2.00	2.3324	0.1720	0.1187	100.00

**AFORO DEL RÍO TERIA EN TRES HERMANAS**  
**PUNTO 9 - COORDENADAS: 0596637 E, 0984687 N**  
**20 DE OCTUBRE DE 2017**

RIO	TERIA		METODO		0.2, 0.8		FECHA (M/D/A)		20-oct-17		EDI 1/4		18		
ESTACION	TRES HERMANAS		PESO				HORA INICIO		10:20:00 a. m.		EDI 2/4		29		
CLAVE			MOLINETE		GURLEY		HORA FINAL		11:20:00 a. m.		EDI 3/4		39		
AFORADOR	EDUARDO MEDRANO		PRUEBA INICIO				ELEV. INICIAL (ft)				EDI 4/4		51		
TIPO AFORO	VADEO		PRUEBA FINAL				ELEV. FINAL (ft)				POR:		E. MEDRANO		
Area:	86.80	RadHid:	1.33	P. Mojad	65.20	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)					
Ancho:	64.00	A*RHA <sup>2/3</sup>	105.04	(S <sup>1/2</sup> )/n:	0.9297		1.68	16	10.79	Caudal(cfs)	145.50				
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %			
1	4.0	0.70	7	45	0.36	0.36	0.36				0.7000				
2	6.0	0.80	16	40	0.90	0.90	0.63	1.500	2.00	2.0025	0.9454	0.6497	0.65		
3	8.0	1.00	24	41	1.31	1.31	1.10	1.800	2.00	2.0100	1.9873	1.3658	2.02		
4	10.0	1.00	26	42	1.38	1.38	1.35	2.000	2.00	2.0000	2.6911	1.8495	3.87		
5	12.0	1.00	28	41	1.52	1.52	1.45	2.000	2.00	2.0000	2.9062	1.9974	5.86		
6	14.0	1.30	29	41	1.58	1.21	1.37	2.300	2.00	2.0224	3.1409	2.1587	8.02		
			16	43	0.84										
7	16.0	1.40	31	41	1.68	1.26	1.23	2.700	2.00	2.0025	3.3335	2.2910	10.31		
			16	43	0.84										
8	18.0	1.50	37	41	2.01	1.66	1.46	2.900	2.00	2.0025	4.2332	2.9094	13.22		
			24	41	1.31										
9	20.0	1.70	36	40	2.00	1.60	1.63	3.200	2.00	2.0100	5.2151	3.5842	16.81		
			22	41	1.20										
10	22.0	1.90	35	40	1.95	1.63	1.61	3.600	2.00	2.0100	5.8126	3.9948	20.80		
			24	41	1.31										
11	24.0	1.90	40	41	2.17	1.82	1.72	3.800	2.00	2.0000	6.5504	4.5020	25.30		
			29	44	1.47										
12	26.0	2.00	38	41	2.06	1.81	1.82	3.900	2.00	2.0025	7.0807	4.8664	30.17		
			28	40	1.56										
13	28.0	2.20	39	40	2.17	1.86	1.84	4.200	2.00	2.0100	7.7186	5.3049	35.47		
			28	40	1.56										
14	30.0	2.00	43	41	2.33	1.95	1.90	4.200	2.00	2.0100	8.0009	5.4989	40.97		
			28	40	1.56										
15	32.0	1.20	31	40	1.73	1.73	1.84	3.200	2.00	2.1541	5.8755	4.0381	45.01		
			31	40	1.73										
16	34.0	2.00	36	41	1.95	1.95	1.84	3.200	2.00	2.1541	5.8830	4.0433	49.05		
			35	40	1.95										
17	38.0	2.00	37	40	2.06	1.97	1.96	8.000	4.00	4.0000	15.6997	10.7901	59.84		
			34	40	1.89										
18	42.0	1.50	37	41	2.01	1.90	1.94	7.000	4.00	4.0311	13.5608	9.3200	69.16		
			33	41	1.79										
19	46.0	1.50	45	42	2.38	2.14	2.02	6.000	4.00	4.0000	12.1078	8.3214	77.49		
			34	40	1.89										
20	50.0	1.50	41	40	2.28	1.73	1.93	6.000	4.00	4.0000	11.5836	7.9611	85.45		
			22	42	1.17										
21	54.0	1.10	32	40	1.78	1.54	1.63	5.200	4.00	4.0200	8.4912	5.8358	91.28		
			25	43	1.30										
22	58.0	1.10	27	42	1.44	1.25	1.40	4.400	4.00	4.0000	6.1426	4.2217	95.50		
			20	42	1.07										
23	62.0	0.70	29	43	1.50	1.50	1.38	3.600	4.00	4.0200	4.9612	3.4097	98.91		
24	68.00						0.75	2.100	6.00	6.0407	1.5800	1.0859	100.00		

**AFORO DEL RÍO INDIO EN LAS CLARAS ABAJO**  
**PUNTO 10 - COORDENADAS: 0591649E; 0978319N**  
**18 DE OCTUBRE DE 2017**

RIO	INDIO	METODO	0.2, 0.8		FECHA (M/D/A)	18-oct-17	EDI 1/4	19					
ESTACION	CLARAS ABAJO	PESO			HORA INICIO	11:35:00 a. m.	EDI 2/4	31					
CLAVE		MOLINETE	GURLEY		HORA FINAL	12:45:00 p. m.	EDI 3/4	43					
AFORADOR	EDUARDO MEDRANO	PRUEBA INICIO			ELEV. INICIAL (ft)	0.50	EDI 4/4	59					
TIPO AFORO	VADEO	PRUEBA FINAL			ELEV. FINAL (ft)	0.50	POR:	E. MEDRANO					
Area:	145.75	RadHid:	1.77		P_Mojad	82.25	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50	
Ancho:	81.00	A*RH <sup>2/3</sup>	213.43		(S <sup>1/2</sup> )/n:	0.3268		0.71	48	7.29	Caudal(cfs)	103.94	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1		0.60	5	44	0.27	0.27	0.27				0.6000		
2	1.0	0.60	1	60	0.05	0.05	0.16	0.600	1.00	1.0000	0.0969	0.0932	0.09
3	6.0	1.30	13	52	0.57	0.44	0.25	4.750	5.00	5.0488	1.1722	1.1277	1.22
			7	53	0.31								
4	9.0	1.40	15	55	0.62	0.53	0.48	4.050	3.00	3.0017	1.9550	1.8810	3.10
			10	53	0.43								
5	12.0	1.60	13	52	0.57	0.46	0.49	4.500	3.00	3.0067	2.2191	2.1350	5.24
			8	53	0.35								
6	15.0	1.90	15	52	0.65	0.51	0.48	5.250	3.00	3.0150	2.5424	2.4460	7.68
			8	51	0.36								
7	18.0	2.00	20	52	0.87	0.77	0.64	5.850	3.00	3.0017	3.7287	3.5874	11.27
			15	51	0.67								
8	21.0	2.00	25	51	1.10	0.90	0.84	6.000	3.00	3.0000	5.0102	4.8204	16.09
			16	51	0.71								
9	24.0	2.10	26	51	1.14	0.99	0.95	6.150	3.00	3.0017	5.8257	5.6050	21.70
			19	51	0.84								
10	27.0	2.20	28	51	1.23	1.03	1.01	6.450	3.00	3.0017	6.5027	6.2563	27.95
			19	52	0.82								
11	30.0	2.50	22	41	1.20	0.99	1.01	7.050	3.00	3.0150	7.1195	6.8497	34.80
			15	43	0.79								
12	33.0	2.30	27	42	1.44	1.11	1.05	7.200	3.00	3.0067	7.5778	7.2906	42.09
			15	43	0.79								
13	36.0	2.00	25	42	1.33	1.15	1.13	6.450	3.00	3.0150	7.2920	7.0156	49.11
			19	44	0.97								
14	39.0	2.00	25	41	1.36	1.17	1.16	6.000	3.00	3.0000	6.9720	6.7078	55.82
			18	41	0.99								
15	42.0	1.20	20	41	1.09	0.88	1.03	4.800	3.00	3.1048	4.9252	4.7386	60.55
			12	41	0.66								
16	45.0	2.30	18	43	0.94	0.86	0.87	5.250	3.00	3.1953	4.5728	4.3995	64.95
			15	43	0.79								
17	48.0	2.30	15	41	0.82	0.72	0.79	6.900	3.00	3.0000	5.4473	5.2408	70.19
			12	45	0.61								
18	51.0	2.30	17	42	0.91	0.79	0.75	6.900	3.00	3.0000	5.1810	4.9847	75.18
			12	41	0.66								
19	54.0	2.10	16	41	0.88	0.74	0.77	6.600	3.00	3.0067	5.0504	4.8590	80.04
			11	41	0.61								
20	57.0	2.30	14	40	0.79	0.66	0.70	6.600	3.00	3.0067	4.6325	4.4569	84.50
			10	43	0.53								
21	60.0	2.30	13	42	0.70	0.62	0.64	6.900	3.00	3.0000	4.4001	4.2334	88.73
			10	43	0.53								
22	63.0	2.00	13	44	0.67	0.54	0.58	6.450	3.00	3.0150	3.7108	3.5701	92.30
			8	46	0.40								
23	66.0	1.80	9	40	0.51	0.49	0.51	5.700	3.00	3.0067	2.9257	2.8148	95.11
			9	44	0.47								
24	69.00	1.60	8	43	0.43	0.37	0.43	5.100	3.00	3.0067	2.2046	2.1211	97.23
			6	44	0.32								
25	72.00	1.70	5	45	0.26	0.25	0.31	4.950	3.00	3.0017	1.5371	1.4789	98.71
			4	41	0.23								
26	75.00	1.50	5	46	0.26	0.16	0.20	4.800	3.00	3.0067	0.9780	0.9410	99.65
			1	50	0.06								
27	81.00						0.08	4.500	6.00	6.1847	0.3593	0.3457	100.00

**AFORO DEL RÍO JORDANAL AGUAS ARRIBA DE CARRETERA**

**PUNTO 11 - COORDENADAS: 0597925E; 0962756N**

**19 DE OCTUBRE DE 2017**

RIO	JORDANAL		METODO	0.6		FECHA (M/D/A)	19-oct-17		EDI 1/4	5			
ESTACION	A.A. CARRETERA		PESO			HORA INICIO	02:10:00 p. m.		EDI 2/4	9			
CLAVE	BUENO		MOLINETE	GURLEY		HORA FINAL	02:45:00 p. m.		EDI 3/4	14			
AFORADOR	IBURCIO RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)	0.50		EDI 4/4	19			
TIPO AFORO	VADEO		PRUEBA FINAL			ELEV. FINAL (ft)	0.50		POR:	T. RODRIGUEZ			
Area:	18.57	RadHid:	0.70	P. Mojad	26.66	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	26.25	A*RHA <sup>2/3</sup>	14.59	(S <sup>1/2</sup> )/n:	1.2123		1.42	15	17.57	Caudal(cfs)	26.36		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	3.3	1.3	16	50	0.72	0.72	0.36	2.207	3.28	3.5459	0.7981	3.0279	3.03
3	6.6	0.8	44	52	1.88	1.88	1.30	3.552	3.28	3.3226	4.6297	17.5656	20.59
4	8.2	0.9	43	51	1.88	1.88	1.88	1.399	1.64	1.6417	2.6308	9.9816	30.58
5	9.8	0.8	50	51	2.18	2.18	2.03	1.399	1.64	1.6417	2.8379	10.7673	41.34
6	11.5	0.8	50	53	2.10	2.10	2.14	1.345	1.64	1.6404	2.8774	10.9174	52.26
7	13.1	0.7	30	52	1.29	1.29	1.69	1.211	1.64	1.6486	2.0511	7.7821	60.04
8	14.8	0.7	35	51	1.53	1.53	1.41	1.103	1.64	1.6407	1.5560	5.9038	65.95
9	16.4	0.8	43	51	1.88	1.88	1.70	1.238	1.64	1.6457	2.1091	8.0021	73.95
10	19.7	0.5	46	50	2.05	2.05	1.96	2.153	3.28	3.2972	4.2226	16.0212	89.97
11	23.0	0.7	11	52	0.48	0.48	1.27	1.884	3.28	3.2849	2.3833	9.0423	99.01
12	26.2						0.24	1.076	3.28	3.3458	0.2606	0.9887	100.00

**ARORO DEL RÍO TERIA NACIMIENTO**  
**PUNTO 12 - COORDENADAS: 0600469E; 0969616N**  
**20 DE OCTUBRE DE 2017**

RIO	TERIA NACIMIENTO		METODO	0.6		FECHA (M/D/A)	20-oct-17		EDI 1/4				7
ESTACION	JUNTO A CARRETERA		PESO			HORA INICIO	11:35:00 a. m.		EDI 2/4				13
CLAVE			MOLINETE	GURLEY		HORA FINAL	12:20:00 p. m.		EDI 3/4				17
AFORADOR	EDUARDO MEDRANO		PRUEBA INICIO			ELEV. INICIAL (ft)	0.50		EDI 4/4				21
TIPO AFORO	VADEO		PRUEBA FINAL			ELEV. FINAL (ft)	0.50		POR:	E. MEDRANO			
Area:	18.05	RadHid:	0.70	P. Mojad	25.61	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	25.00	A*RH <sup>2/3</sup>	14.29	(S <sup>1/2</sup> /n):	0.3331		0.39	25	7.36	Caudal(cfs)	7.09		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1	2.0	0.40	3	46	0.16	0.16	0.16			0.4000			
2	3.0	0.40	2	45	0.12	0.12	0.14	0.400	1.00	1.0000	0.0555	0.7819	0.78
3	4.0	0.40	5	49	0.24	0.24	0.18	0.400	1.00	1.0000	0.0717	1.0108	1.79
4	5.0	0.60	9	43	0.48	0.48	0.36	0.500	1.00	1.0198	0.1805	2.5442	4.34
5	7.0	0.70	6	50	0.28	0.28	0.38	1.300	2.00	2.0025	0.4951	6.9777	11.31
6	8.0	0.80	7	44	0.37	0.37	0.33	0.750	1.00	1.0050	0.2441	3.4405	14.76
7	9.0	0.90	4	43	0.22	0.22	0.30	0.850	1.00	1.0050	0.2514	3.5429	18.30
8	10.0	0.90	7	45	0.36	0.36	0.29	0.900	1.00	1.0000	0.2626	3.7019	22.00
9	11.0	0.70	9	46	0.45	0.45	0.40	0.800	1.00	1.0198	0.3240	4.5663	26.57
10	12.0	0.80	11	41	0.61	0.61	0.53	0.750	1.00	1.0050	0.3969	5.5946	32.16
11	13.0	0.90	9	40	0.51	0.51	0.56	0.850	1.00	1.0050	0.4774	6.7282	38.89
12	14.0	0.90	11	41	0.61	0.61	0.56	0.900	1.00	1.0000	0.5054	7.1240	46.01
13	15.0	1.00	9	42	0.49	0.49	0.55	0.950	1.00	1.0050	0.5223	7.3616	53.37
14	16.0	1.00	7	46	0.35	0.35	0.42	1.000	1.00	1.0000	0.4218	5.9448	59.32
15	17.0	1.00	9	43	0.48	0.48	0.42	1.000	1.00	1.0000	0.4163	5.8674	65.19
16	18.0	1.00	8	44	0.42	0.42	0.45	1.000	1.00	1.0000	0.4490	6.3280	71.51
17	19.0	1.00	6	44	0.32	0.32	0.37	1.000	1.00	1.0000	0.3686	5.1947	76.71
18	20.0	1.00	7	45	0.36	0.36	0.34	1.000	1.00	1.0000	0.3396	4.7866	81.50
19	21.0	0.70	7	40	0.40	0.40	0.38	0.850	1.00	1.0440	0.3249	4.5789	86.08
20	22.0	0.70	4	42	0.23	0.23	0.32	0.700	1.00	1.0000	0.2210	3.1148	89.19
21	23.0	0.50	8	44	0.42	0.42	0.32	0.600	1.00	1.0198	0.1939	2.7334	91.92
22	24.0	0.50	8	41	0.45	0.45	0.43	0.500	1.00	1.0000	0.2167	3.0538	94.98
23	25.0	0.40	7	41	0.39	0.39	0.42	0.450	1.00	1.0050	0.1895	2.6709	97.65
24	26.00	0.40	5	40	0.29	0.29	0.34	0.400	1.00	1.0000	0.1375	1.9383	99.59
25	27.00						0.15	0.200	1.00	1.0770	0.0293	0.4135	100.00

**AFORO DEL RÍO TERIACITO EN BAJO GRANDE**  
**PUNTO 13 - COORDENADAS: 0598175E; 0971569N**  
**26 DE OCTUBRE DE 2017**

RIO	TERIACITO		METODO	0.2, 0.8		FECHA (M/D/A)	26-oct-17		EDI 1/4	5			
ESTACION	BAJO GRANDE		PESO			HORA INICIO	09:30:00 a. m.		EDI 2/4	9			
CLAVE			MOLINETE	GURLEY		HORA FINAL	10:32:00 a. m.		EDI 3/4	13			
AFORADOR	EDUARDO MEDRANO		PRUEBA INICIO			ELEV. INICIAL (ft)	0.50		EDI 4/4	18			
TIPO AFORO	VADEO		PRUEBA FINAL			ELEV. FINAL (ft)	0.50		POR:	E.MEDRANO			
Area:	32.63	RadHid:	1.13	P_Mojad	28.91	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.50		
Ancho:	28.00	A*RH <sup>2/3</sup>	35.36	(S <sup>1/2</sup> )n:	0.4466		0.72	17	17.07	Caudal(cfs)	23.53		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1	1.0	0.60	7	42	0.39	0.39	0.39			0.6000			
2	2.0	0.80	8	45	0.41	0.41	0.40	0.700	1.00	1.0198	0.2783	1.1826	1.18
3	3.0	0.90	14	39	0.81	0.81	0.61	0.850	1.00	1.0050	0.5181	2.2019	3.38
4	4.0	1.10	19	41	1.04	0.80	0.81	1.000	1.00	1.0198	0.8068	3.4289	6.81
			11	44	0.57								
5	5.0	1.40	20	42	1.07	0.88	0.84	1.250	1.00	1.0440	1.0551	4.4845	11.30
			13	42	0.70								
6	6.0	1.50	24	40	1.34	1.04	0.96	1.450	1.00	1.0050	1.3931	5.9208	17.22
			13	40	0.73								
7	7.5	1.50	24	41	1.31	0.89	0.96	2.250	1.50	1.5000	2.1676	9.2126	26.43
			8	39	0.47								
8	8.0	1.60	20	39	1.15	0.89	0.89	0.775	0.50	0.5099	0.6910	2.9370	29.37
			11	39	0.64								
9	9.5	1.60	21	41	1.15	0.96	0.93	2.400	1.50	1.5000	2.2235	9.4503	38.82
			14	41	0.77								
10	12.0	1.60	25	41	1.36	1.05	1.00	4.000	2.50	2.5000	4.0167	17.0714	55.89
			15	46	0.74								
11	14.0	1.30	20	41	1.09	0.94	1.00	2.900	2.00	2.0224	2.8868	12.2691	68.16
			14	40	0.79								
12	15.0	1.20	18	42	0.96	0.82	0.88	1.250	1.00	1.0050	1.1015	4.6814	72.84
			12	40	0.68								
13	16.0	1.50	26	42	1.38	1.00	0.91	1.350	1.00	1.0440	1.2298	5.2266	78.07
			12	44	0.62								
14	17.0	1.40	15	41	0.82	0.70	0.85	1.450	1.00	1.0050	1.2308	5.2309	83.30
			11	44	0.57								
15	18.0	1.30	11	42	0.60	0.50	0.60	1.350	1.00	1.0050	0.8074	3.4316	86.73
			7	40	0.40								
16	19.0	1.40	7	42	0.39	0.30	0.40	1.350	1.00	1.0050	0.5393	2.2921	89.02
			4	45	0.21								
17	21.0	1.30	9	43	0.48	0.41	0.36	2.700	2.00	2.0025	0.9631	4.0934	93.12
			6	40	0.35								
18	22.0	1.10	10	41	0.56	0.45	0.43	1.200	1.00	1.0198	0.5171	2.1979	95.31
			6	41	0.34								
19	23.0	1.10	9	43	0.48	0.39	0.42	1.100	1.00	1.0000	0.4605	1.9572	97.27
			6	47	0.30								
20	29.0						0.19	3.300	6.00	6.1000	0.6423	2.7298	100.00

**AFORO DEL RÍO INDIO EN ALTOS DE LA MESA**  
**PUNTO 14 - COORDENADAS: 0597877E; 0955795N**  
**19 DE OCTUBRE DE 2017**

RIO	INDIO		METODO	0.6		FECHA (M/D/A)	19-oct-17		EDI 1/4	3			
ESTACION	ALTOS DE LA MESA		PESO			HORA INICIO	12:40:00 p. m.		EDI 2/4	4			
CLAVE			MOLINETE	GURLEY		HORA FINAL	01:10:00 p. m.		EDI 3/4	6			
AFORADOR	IBURCIO RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)	1.00		EDI 4/4	8			
TIPO AFORO	VADEO		PRUEBA FINAL			ELEV. FINAL (ft)	1.00		POR:	T. RODRIGUEZ			
Area:	5.50	RadHid:	0.42	P_Mojad	13.26	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	1.00		
Ancho:	13.12	A*RH <sup>2/3</sup>	3.06	(S <sup>1/3</sup> )/n:	0.8292		0.69	9	21.10	Caudal(cfs)	3.78		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	1.6	0.3	14	54	0.59	0.59	0.29	0.269	1.64	1.6729	0.0793	2.0962	2.10
3	3.3	0.5	20	52	0.87	0.87	0.73	0.673	1.64	1.6486	0.4895	12.9382	15.03
4	4.1	0.7	28	52	1.21	1.21	1.04	0.484	0.82	0.8435	0.5015	13.2562	28.29
5	4.9	0.8	32	52	1.37	1.37	1.29	0.619	0.82	0.8306	0.7983	21.1002	49.39
6	5.7	0.8	14	51	0.62	0.62	1.00	0.673	0.82	0.8202	0.6720	17.7609	67.15
7	6.6	0.7	13	52	0.57	0.57	0.60	0.605	0.82	0.8365	0.3609	9.5385	76.69
8	7.4	0.5	8	54	0.34	0.34	0.46	0.471	0.82	0.8365	0.2151	5.6849	82.38
9	8.2	0.4	13	53	0.56	0.56	0.45	0.377	0.82	0.8228	0.1701	4.4961	86.87
10	9.0	0.4	15	54	0.63	0.63	0.59	0.350	0.82	0.8202	0.2079	5.4964	92.37
11	9.8	0.4	9	56	0.37	0.37	0.50	0.336	0.82	0.8209	0.1686	4.4561	96.82
12	13.1						0.19	0.646	3.28	3.3044	0.1202	3.1763	100.00

**Temporada Seca**  
**2018**



**AFORO DEL RÍO INDIO EN EL CHARCÓN**  
**PUNTO 1 - COORDENADAS: 0588344E; 1013690N**  
**20 DE FEBRERO DE 2018**

RIO	INDIO		METODO	DESDE BOTE		FECHA (M/D/A)	20-feb-18		EDI 1/4	41							
ESTACION	EL CHARCÓN		PESO	50 LBS		HORA INICIO	12:30		EDI 2/4	76							
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	12:55		EDI 3/4	105							
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	138							
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:								
Area:	2391.90		RadHid:	13.10		P_Mojad	182.65		Factor:	Vel Media:		Vertical:	Max %Q		ELEV. (ft)	547.91	
Ancho:	173.88		A*RH <sup>2/3</sup>	13289.01		(S <sup>1/2</sup> )/n:	0.0277		0.23		105		9.14		Caudal(cfs)	547.91	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %					
1																	
2	13.1	7.97	3	54	0.14	0.12	0.06	52.313	13.12	15.3552	3.0973	0.5653	0.57				
			3	84	0.10												
3	26.2	15.03	3	120	0.07	0.15	0.13	150.910	13.12	14.8990	20.3559	3.7152	4.28				
			5	52	0.23												
4	32.8	16.08	3	81	0.10	0.20	0.18	102.042	6.56	6.6451	18.0049	3.2861	7.57				
			7	54	0.30												
5	39.4	16.24	3	64	0.12	0.21	0.20	106.025	6.56	6.5637	21.6719	3.9554	11.52				
			5	40	0.29												
6	45.9	18.77	3	40	0.18	0.20	0.20	114.851	6.56	7.0312	23.1304	4.2216	15.74				
			5	58	0.21												
7	52.5	18.96	5	53	0.23	0.25	0.22	123.785	6.56	6.5646	27.7620	5.0669	20.81				
			5	42	0.28												
8	59.1	18.44	5	40	0.29	0.22	0.24	122.709	6.56	6.5826	29.0503	5.3020	26.11				
			3	51	0.15												
9	65.6	18.08	3	42	0.18	0.14	0.18	119.802	6.56	6.5716	21.7018	3.9608	30.07				
			3	73	0.11												
10	75.5	17.39	5	40	0.29	0.28	0.21	174.537	9.84	9.8666	37.1443	6.7793	36.85				
			5	43	0.27												
11	85.3	16.57	6	43	0.33	0.25	0.27	167.110	9.84	9.8766	44.4780	8.1178	44.97				
			3	43	0.17												
12	95.1	16.40	7	45	0.36	0.37	0.31	162.266	9.84	9.8439	50.0817	9.1405	54.11				
			7	43	0.38												
13	105.0	14.76	5	55	0.22	0.23	0.30	153.386	9.84	9.9783	45.7859	8.3565	62.47				
			5	50	0.24												
14	114.8	14.93	10	46	0.50	0.35	0.29	146.120	9.84	9.8439	42.5511	7.7661	70.23				
			5	57	0.21												
15	124.7	14.57	7	48	0.34	0.32	0.34	145.151	9.84	9.8491	48.6635	8.8817	79.12				
			5	40	0.29												
16	134.5	15.19	3	45	0.16	0.17	0.24	146.443	9.84	9.8622	35.4811	6.4757	85.59				
			3	43	0.17												
17	144.4	13.94	7	50	0.33	0.27	0.22	143.375	9.84	9.9212	31.0956	5.6753	91.27				
			5	59	0.20												
18	154.2	12.80	5	57	0.21	0.18	0.22	131.589	9.84	9.9093	29.1115	5.3132	96.58				
			3	53	0.14												
19	164.0	6.76	3	76	0.10	0.16	0.17	96.229	9.84	11.5463	16.1145	2.9411	99.52				
			5	57	0.21												
20	173.9						0.08	33.260	9.84	11.9396	2.6279	0.4796	100.00				

**AFORO DEL RÍO LA ENCANTADA EN LA ENCANTADA**  
**PUNTO 2 - COORDENADAS 0594303E, 0999206N**  
**20 DE FEBRERO DE 2018**

RIO	LA ENCANTADA		METODO	VADEO		FECHA (M/D/A)	20-feb-18		EDI 1/4	5			
ESTACION	LA ENCANTADA		PESO			HORA INICIO	10:40		EDI 2/4	10			
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	11:05		EDI 3/4	14			
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	20			
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:				
Area:	29.60		RadHid:	1.21		P_Mojad	24.47		Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)
Ancho:	22.97		A*RH <sup>2/3</sup>	33.61		(S <sup>1/2</sup> )/n:	0.4107			0.69	21	9.59	Caudal(cfs)
													20.56
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	3.3	1.48	10	43	0.53	0.53	0.27	2.422	3.28	3.5977	0.6425	3.1241	3.12
3	4.9	1.31	15	46	0.74	0.74	0.63	2.287	1.64	1.6486	1.4494	7.0480	10.17
4	6.6	1.51	15	43	0.79	0.79	0.76	2.314	1.64	1.6522	1.7631	8.5735	18.75
5	8.2	1.51	15	43	0.79	0.79	0.79	2.476	1.64	1.6404	1.9482	9.4735	28.22
6	9.8	1.48	15	46	0.74	0.74	0.76	2.449	1.64	1.6407	1.8656	9.0719	37.29
7	11.5	1.54	15	41	0.82	0.82	0.78	2.476	1.64	1.6417	1.9325	9.3975	46.69
8	13.1	1.44	15	43	0.79	0.79	0.81	2.449	1.64	1.6434	1.9729	9.5940	56.28
9	14.8	1.44	15	55	0.62	0.62	0.70	2.368	1.64	1.6404	1.6648	8.0955	64.38
10	16.4	1.44	15	47	0.72	0.72	0.67	2.368	1.64	1.6404	1.5873	7.7186	72.10
11	18.0	1.31	15	43	0.79	0.79	0.75	2.260	1.64	1.6457	1.7048	8.2900	80.39
12	19.7	1.15	15	47	0.72	0.72	0.75	2.018	1.64	1.6486	1.5221	7.4018	87.79
13	21.3	1.12	15	49	0.69	0.69	0.71	1.857	1.64	1.6407	1.3129	6.3845	94.17
14	23.0	1.15	15	57	0.60	0.60	0.65	1.857	1.64	1.6407	1.1983	5.8272	100.00

**AFORO DEL RÍO LA ENCANTADA EN LAS CRUCES**  
**PUNTO 3 - COORDENADAS: 0594303E; 0999206N**  
**21 DE FEBRERO DE 2018**

RIO	LA ENCANTADA		METODO	VADEO		FECHA (M/D/A)	21-feb-18		EDI 1/4	5			
ESTACION	LAS CRUCES		PESO			HORA INICIO	09:55		EDI 2/4	10			
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	10:20		EDI 3/4	16			
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	22			
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:				
Area:	18.49	RadHid:	0.73	P_Mojad	25.40	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)			
Ancho:	24.61	A*RH <sup>2/3</sup>	14.96	(S <sup>1/2</sup> )/n:	0.6361		0.77	3	8.12	Caudal(cfs)	14.18		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	1.6	0.52	15	53	0.64	0.64	0.32	0.431	1.64	1.7224	0.1382	0.9744	0.97
3	3.3	0.66	15	44	0.77	0.77	0.71	0.969	1.64	1.6457	0.6836	4.8208	5.80
4	4.9	0.82	15	45	0.75	0.75	0.76	1.211	1.64	1.6486	0.9216	6.4997	12.29
5	6.6	0.89	15	44	0.77	0.77	0.76	1.399	1.64	1.6417	1.0650	7.5107	19.81
6	8.2	0.89	15	43	0.79	0.79	0.78	1.453	1.64	1.6404	1.1308	7.9748	27.78
7	9.8	0.92	15	44	0.77	0.77	0.78	1.480	1.64	1.6407	1.1517	8.1224	35.90
8	11.5	0.89	15	44	0.77	0.77	0.77	1.480	1.64	1.6407	1.1388	8.0312	43.93
9	13.1	0.82	15	46	0.74	0.74	0.75	1.399	1.64	1.6417	1.0538	7.4319	51.37
10	14.8	0.79	15	43	0.79	0.79	0.76	1.319	1.64	1.6407	1.0045	7.0844	58.45
11	16.4	0.75	15	42	0.81	0.81	0.80	1.265	1.64	1.6407	1.0068	7.1006	65.55
12	18.0	0.75	15	40	0.84	0.84	0.82	1.238	1.64	1.6404	1.0211	7.2013	72.75
13	19.7	0.79	15	47	0.72	0.72	0.78	1.265	1.64	1.6407	0.9903	6.9843	79.74
14	21.3	0.75	15	55	0.62	0.62	0.67	1.265	1.64	1.6407	0.8477	5.9786	85.72
15	23.0	0.69	20	46	0.98	0.98	0.80	1.184	1.64	1.6417	0.9446	6.6615	92.38
16	24.6	0.69	20	48	0.94	0.94	0.96	1.130	1.64	1.6404	1.0810	7.6234	100.00

**AFORO DEL RIO JOBO**  
**PUNTO 4 - COORDENADAS: 0588194E; 1001201N**  
**19 DE FEBRERO DE 2018**

RIO	JOB0		METODO	VADEO		FECHA (M/D/A)	20-feb-18		EDI 1/4	6							
ESTACION	JOB0		PESO			HORA INICIO	08:30		EDI 2/4	9							
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	09:10		EDI 3/4	11							
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	16							
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:								
Area:	23.90		RadHid:	1.06		P_Mojad	22.45		Factor:	Vel Media:		Vertical:	Max %Q		ELEV. (ft)	18.14	
Ancho:	21.33		A*RH <sup>2/3</sup>	24.91		(S <sup>1/2</sup> )/n:	0.4874		0.76		7		18.14		Caudal(cfs)	18.09	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %					
1																	
2	3.3	1.61	3	45	0.16	0.16	0.08	2.637	3.28	3.6535	0.2173	1.2011	1.20				
3	4.9	2.13	15	50	0.68	0.59	0.38	3.068	1.64	1.7224	1.1549	6.3843	7.59				
4	6.6	1.94	15	44	0.77	0.75	0.67	3.337	1.64	1.6522	2.2250	12.2995	19.88				
5	8.2	1.51	15	42	0.81	0.81	0.78	2.826	1.64	1.6950	2.1907	12.1100	31.99				
6	9.8	1.31	42	46	2.03	2.03	1.42	2.314	1.64	1.6522	3.2817	18.1408	50.14				
7	11.5	1.12	20	47	0.96	0.96	1.49	1.991	1.64	1.6522	2.9739	16.4394	66.58				
8	13.1	0.92	20	49	0.92	0.92	0.94	1.668	1.64	1.6522	1.5631	8.6404	75.22				
9	14.8	0.82	15	40	0.84	0.84	0.88	1.426	1.64	1.6434	1.2567	6.9470	82.16				
10	16.4	0.79	15	46	0.74	0.74	0.79	1.319	1.64	1.6407	1.0426	5.7632	87.93				
11	18.0	0.69	15	49	0.69	0.69	0.71	1.211	1.64	1.6434	0.8655	4.7844	92.71				
12	19.7	0.66	15	58	0.59	0.59	0.64	1.103	1.64	1.6407	0.7065	3.9055	96.62				
13	21.3	0.56	15	53	0.64	0.64	0.61	0.996	1.64	1.6434	0.6122	3.3843	100.00				

**AFORO DE RÍO INDIO EN DOMINICAL**  
**PUNTO 5 - COORDENADAS: 589657 E, 0996220 N**  
**19 DE FEBRERO DE 2018**

RIO	INDIO		METODO	VADEO		FECHA (M/D/A)	19-feb-18		EDI 1/4	22							
ESTACION	DOMINICAL		PESO			HORA INICIO	14:15		EDI 2/4	33							
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	15:17		EDI 3/4	42							
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	53							
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:								
Area:	225.37		RadHid:	3.13		P_Mojad	71.89		Factor:	Vel Media: <th>Vertical:</th> <td colspan="2">Max %Q</td> <th>ELEV. (ft)</th> <td colspan="2"></td>		Vertical:	Max %Q		ELEV. (ft)		
Ancho:	70.54		A*RH <sup>2/3</sup>	482.73		(S <sup>1/2</sup> )/n:	0.4918		1.57		56		10.21		Caudal(cfs)	353.76	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %					
1																	
2	3.3	1.15	5	43	0.27	0.27	0.14	1.884	3.28	3.4760	0.2582	0.0730	0.07				
3	6.6	1.74	15	43	0.79	0.61	0.44	4.736	3.28	3.3336	2.0946	0.5921	0.67				
			10	53	0.43												
4	9.8	2.20	20	46	0.98	0.67	0.64	6.458	3.28	3.3128	4.1425	1.1710	1.84				
			7	44	0.37												
5	13.1	2.69	30	56	1.20	0.88	0.78	8.019	3.28	3.3175	6.2407	1.7641	3.60				
			10	40	0.57												
6	16.4	2.95	30	51	1.31	0.98	0.93	9.257	3.28	3.2913	8.6471	2.4443	6.04				
			15	52	0.65												
7	19.7	2.95	30	40	1.67	1.40	1.19	9.688	3.28	3.2808	11.5285	3.2588	9.30				
			20	40	1.12												
8	23.0	3.28	20	40	1.12	1.62	1.51	10.226	3.28	3.2972	15.4138	4.3571	13.66				
			40	42	2.12												
9	26.2	4.13	30	46	1.46	1.89	1.75	12.163	3.28	3.3899	21.3099	6.0238	19.68				
			50	48	2.31												
10	29.5	4.79	40	50	1.78	2.07	1.98	14.639	3.28	3.3458	28.9673	8.1884	27.87				
			50	47	2.36												
11	32.8	5.25	40	48	1.86	2.31	2.19	16.469	3.28	3.3128	36.1239	10.2114	38.08				
			50	40	2.77												
12	36.1	4.76	40	50	1.78	1.75	2.03	16.415	3.28	3.3175	33.3403	9.4246	47.51				
			40	52	1.71												
13	39.4	4.27	40	40	2.22	2.50	2.12	14.800	3.28	3.3175	31.4206	8.8819	56.39				
			50	40	2.77												
14	42.7	3.87	40	48	1.86	2.13	2.32	13.347	3.28	3.3044	30.9184	8.7399	65.13				
			50	46	2.41												
15	45.9	3.94	40	48	1.86	2.01	2.07	12.809	3.28	3.2815	26.5577	7.5073	72.64				
			40	41	2.17												
16	49.2	3.84	40	50	1.78	1.95	1.98	12.755	3.28	3.2823	25.2656	7.1420	79.78				
			40	42	2.12												
17	52.5	3.61	30	44	1.52	1.65	1.80	12.217	3.28	3.2889	21.9967	6.2180	86.00				
			40	50	1.78												
18	55.8	3.64	30	46	1.46	1.54	1.60	11.894	3.28	3.2810	18.9994	5.3707	91.37				
			30	41	1.63												
19	59.1	3.61	15	40	0.84	1.07	1.31	11.894	3.28	3.2810	15.5253	4.3887	95.76				
			30	52	1.29												
20	62.3	3.44	10	43	0.53	0.69	0.88	11.571	3.28	3.2849	10.1524	2.8699	98.63				
			15	40	0.84												
21	70.5						0.34	14.128	8.20	8.8962	4.8569	1.3729	100.00				

**AFORO DEL RÍO INDIO EN LOS CHORROS**  
**PUNTO 6 - COORDENADAS: 0595984E; 0968473N**  
**22 DE FEBRERO DE 2018**

RIO	INDIO		METODO	VADEO		FECHA (M/D/A)	22-feb-18		EDI 1/4	8							
ESTACION	LOS CHORROS		PESO			HORA INICIO	12:45		EDI 2/4	17							
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	13:50		EDI 3/4	25							
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	35							
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:								
Area:	72.58		RadHid:	1.63		P_Mojad	44.52		Factor:	Vel Media:		Vertical:	Max %Q		ELEV. (ft)		
Ancho:	42.65		A*RH <sup>2/3</sup>	100.53		(S <sup>1/2</sup> )/n:	0.3884		0.80		15		9.37		Caudal(cfs)	58.17	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %					
1																	
2	1.6	2.13	10	47	0.49	0.47	0.23	1.749	1.64	2.6905	0.4097	0.7044	0.70				
			10	51	0.45												
3	3.3	1.61	10	44	0.52	0.52	0.49	3.068	1.64	1.7224	1.5145	2.6036	3.31				
4	4.9	1.74	10	43	0.53	0.47	0.49	2.745	1.64	1.6457	1.3532	2.3262	5.63				
			7	40	0.40												
5	6.6	2.30	10	48	0.48	0.50	0.48	3.310	1.64	1.7326	1.5972	2.7457	8.38				
			10	44	0.52												
6	8.2	2.82	15	58	0.59	0.59	0.55	4.198	1.64	1.7224	2.2900	3.9367	12.32				
			15	57	0.60												
7	9.8	2.69	10	40	0.57	0.54	0.57	4.521	1.64	1.6457	2.5700	4.4180	16.73				
			10	44	0.52												
8	11.5	2.49	15	54	0.63	0.64	0.59	4.252	1.64	1.6522	2.5085	4.3122	21.05				
			15	53	0.64												
9	13.1	2.30	15	45	0.75	0.69	0.66	3.929	1.64	1.6522	2.6078	4.4829	25.53				
			15	54	0.63												
10	14.8	2.03	15	40	0.84	0.81	0.75	3.552	1.64	1.6613	2.6614	4.5751	30.10				
			15	44	0.77												
11	16.4	2.03	15	40	0.84	0.84	0.83	3.337	1.64	1.6404	2.7556	4.7370	34.84				
			15	40	0.84												
12	18.0	1.97	20	49	0.92	0.88	0.86	3.283	1.64	1.6417	2.8328	4.8698	39.71				
			15	40	0.84												
13	19.7	2.07	20	47	0.96	0.93	0.90	3.310	1.64	1.6434	2.9938	5.1466	44.86				
			20	50	0.90												
14	21.3	2.00	20	47	0.96	0.95	0.94	3.337	1.64	1.6417	3.1268	5.3751	50.23				
			20	48	0.94												
15	23.0	2.07	20	45	1.00	0.99	0.97	3.337	1.64	1.6417	3.2255	5.5449	55.78				
			20	46	0.98												
16	24.6	1.97	20	45	1.00	0.89	0.94	3.310	1.64	1.6434	3.1103	5.3467	61.12				
			15	43	0.79												
17	26.2	1.87	20	44	1.02	0.99	0.94	3.148	1.64	1.6434	2.9600	5.0885	66.21				
			20	47	0.96												
18	29.5	1.48	20	45	1.00	1.00	0.99	5.490	3.28	3.3044	5.4504	9.3695	75.58				
19	32.8	1.28	20	45	1.00	1.00	1.00	4.521	3.28	3.2867	4.5105	7.7538	83.34				
20	36.1	0.98	30	54	1.24	1.24	1.12	3.714	3.28	3.2941	4.1599	7.1511	90.49				
21	39.4	0.66	30	50	1.34	1.34	1.29	2.691	3.28	3.2972	3.4759	5.9753	96.46				
22	42.7	0.43	20	46	0.98	0.98	1.16	1.776	3.28	3.2889	2.0576	3.5372	100.00				

**AFORO DEL RIO INDIO EN BOCA DE URACILLO**  
**PUNTO 7 - COORDENADAS: 0590528E; 0991756N**  
**19 DE FEBRERO DE 2018**

RIO	INDIO		METODO		VADEO		FECHA (M/D/A)		19-feb-18		EDI 1/4		29	
ESTACION	BOCA DE URACILLO		PESO				HORA INICIO		11:35		EDI 2/4		57	
CLAVE			MOLINETE		GURLEY-NE-4063		HORA FINAL		12:25		EDI 3/4		76	
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO				ELEV. INICIAL (ft)		0.70		EDI 4/4		90	
TIPO AFORO			PRUEBA FINAL				ELEV. FINAL (ft)		0.70		POR:			
Area:	154.18	RadHid:	1.50	P_Mojad	102.53	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)	0.70			
Ancho:	101.70	A*RH <sup>2/3</sup>	202.36	(S <sup>1/2</sup> )n:	1.1265		2.20	85	7.61	Caudal(cfs)	339.67			
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %		
1														
2	6.5	0.62	15	44	0.77	0.77	0.38	2.015	6.50	6.5295	0.7752	0.2282	0.23	
3	13.1	0.98	40	43	2.07	2.07	1.42	5.280	6.60	6.6098	7.4929	2.2059	2.43	
4	19.7	1.11	40	42	2.12	2.12	2.09	6.897	6.60	6.6013	14.4368	4.2502	6.68	
5	26.2	0.98	40	41	2.17	2.17	2.14	6.793	6.50	6.5013	14.5578	4.2859	10.97	
6	32.8	0.98	40	43	2.07	2.07	2.12	6.468	6.60	6.6000	13.7044	4.0346	15.00	
7	39.4	1.15	40	40	2.22	2.22	2.15	7.029	6.60	6.6022	15.0820	4.4402	19.45	
8	45.9	1.48	50	47	2.36	2.36	2.29	8.548	6.50	6.5084	19.5991	5.7700	25.22	
9	52.5	1.57	50	44	2.52	2.52	2.44	10.065	6.60	6.6006	24.5917	7.2399	32.45	
10	59.0	1.67	60	44	3.02	2.39	2.45	10.530	6.50	6.5008	25.8456	7.6090	40.06	
			40	51	1.75									
11	62.3	1.80	60	44	3.02	2.50	2.44	5.725	3.30	3.3026	13.9894	4.1185	44.18	
			40	45	1.98									
12	65.6	1.64	60	44	3.02	2.55	2.52	5.676	3.30	3.3039	14.3249	4.2173	48.40	
			40	43	2.07									
13	68.9	1.74	60	44	3.02	2.67	2.61	5.577	3.30	3.3015	14.5447	4.2820	52.68	
			50	48	2.31									
14	72.2	2.03	60	43	3.09	2.62	2.64	6.220	3.30	3.3127	16.4390	4.8397	57.52	
			50	52	2.14									
15	75.5	2.03	40	40	2.22	2.22	2.42	6.699	3.30	3.3000	16.2070	4.7714	62.29	
			40	40	2.22									
16	78.7	2.43	60	43	3.09	2.73	2.48	7.136	3.20	3.2249	17.6666	5.2011	67.49	
			50	47	2.36									
17	82.0	2.46	60	45	2.96	2.49	2.61	8.068	3.30	3.3001	21.0533	6.1982	73.69	
			40	44	2.02									
18	85.3	2.62	50	40	2.77	2.21	2.35	8.382	3.30	3.3039	19.7071	5.8018	79.49	
			40	54	1.65									
19	88.6	2.62	60	46	2.89	2.19	2.20	8.646	3.30	3.3000	19.0343	5.6038	85.10	
			30	45	1.49									
20	91.9	2.62	50	40	2.77	2.22	2.21	8.646	3.30	3.3000	19.0785	5.6168	90.71	
			30	40	1.67									
21	95.1	2.46	40	42	2.12	1.82	2.02	8.128	3.20	3.2040	16.4264	4.8360	95.55	
			30	44	1.52									
22	98.4	2.30	30	50	1.34	1.37	1.59	7.854	3.30	3.3039	12.5176	3.6852	99.24	
			30	48	1.40									
23	101.7						0.68	3.795	3.30	4.0224	2.5962	0.7643	100.00	

**AFORO DEL RÍO URACILLO EN LAS MARIÁS**  
**PUNTO 8 - COORDENADAS: 0585602E; 0982652N**  
**27 DE FEBRERO DE 2018**

RIO	URACILLO		METODO	VADEO		FECHA (M/D/A)	27-feb-18		EDI 1/4	10							
ESTACION	LAS MARIÁS		PESO			HORA INICIO	11:22		EDI 2/4	21							
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	12:05		EDI 3/4	29							
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	38							
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:								
Area:	41.28		RadHid:	0.86		P_Mojad	47.77		Factor:	Vel Media: <th>Vertical:</th> <td colspan="2">Max %Q</td> <th>ELEV. (ft)</th> <td colspan="2">38.89</td>		Vertical:	Max %Q		ELEV. (ft)	38.89	
Ancho:	47.57		A*RH <sup>2/3</sup>	37.45		(S <sup>1/2</sup> )/n:	0.6969		0.94		13		7.65		Caudal(cfs)	38.89	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %					
1																	
2	3.3	0.66	20	50	0.90	0.90	0.45	1.076	3.28	3.3458	0.4842	1.2452	1.25				
3	6.6	0.69	20	42	1.07	1.07	0.98	2.207	3.28	3.2810	2.1707	5.5819	6.83				
4	9.8	0.69	20	42	1.07	1.07	1.07	2.260	3.28	3.2808	2.4135	6.2062	13.03				
5	13.1	0.79	20	48	0.94	0.94	1.00	2.422	3.28	3.2823	2.4269	6.2409	19.27				
6	16.4	0.98	20	47	0.96	0.96	0.95	2.906	3.28	3.2867	2.7500	7.0717	26.35				
7	18.0	0.98	20	42	1.07	1.07	1.01	1.615	1.64	1.6404	1.6337	4.2012	30.55				
8	19.7	0.89	20	45	1.00	1.00	1.03	1.534	1.64	1.6434	1.5840	4.0733	34.62				
9	21.3	0.85	20	41	1.09	1.09	1.05	1.426	1.64	1.6407	1.4911	3.8344	38.45				
10	23.0	0.98	30	59	1.14	1.14	1.12	1.507	1.64	1.6457	1.6819	4.3250	42.78				
11	24.6	1.15	20	40	1.12	1.12	1.13	1.749	1.64	1.6486	1.9757	5.0806	47.86				
12	26.2	1.15	30	49	1.37	1.37	1.24	1.884	1.64	1.6404	2.3432	6.0255	53.89				
13	27.9	1.08	20	51	0.88	0.88	1.13	1.830	1.64	1.6417	2.0587	5.2939	59.18				
14	29.5	1.08	20	46	0.98	0.98	0.93	1.776	1.64	1.6404	1.6507	4.2448	63.42				
15	31.2	1.05	30	54	1.24	1.24	1.11	1.749	1.64	1.6407	1.9408	4.9907	68.42				
16	32.8	1.15	20	42	1.07	1.07	1.16	1.803	1.64	1.6434	2.0828	5.3558	73.77				
17	34.4	1.15	20	52	0.87	0.87	0.97	1.884	1.64	1.6404	1.8211	4.6829	78.45				
18	36.1	1.18	15	48	0.71	0.71	0.79	1.911	1.64	1.6407	1.5023	3.8632	82.32				
19	37.7	1.21	15	49	0.69	0.69	0.70	1.964	1.64	1.6407	1.3746	3.5349	85.85				
20	39.4	1.12	20	51	0.88	0.88	0.79	1.911	1.64	1.6434	1.5048	3.8695	89.72				
21	42.7	0.98	15	40	0.84	0.84	0.86	3.444	3.28	3.2835	2.9743	7.6485	97.37				
22	47.6						0.42	2.422	4.92	5.0187	1.0228	2.6300	100.00				



**AFORO RÍO TERIA EN TRES HERMANAS**  
**PUNTO 9 - COORDENADAS: 0596637 E, 0984687 N**  
**28 DE FEBRERO DE 2018**

RIO	TERIA		METODO		VADEO		FECHA (M/D/A)		28-feb-18		EDI 1/4		13			
ESTACION	TRES HERMANAS		PESO		GURLEY-NE-4063		HORA INICIO		12:20		EDI 2/4		24			
CLAVE			MOLINETE				HORA FINAL		13:25		EDI 3/4		32			
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO				ELEV. INICIAL (ft)				EDI 4/4		42			
TIPO AFORO			PRUEBA FINAL				ELEV. FINAL (ft)				POR:					
Area:	75.46		RadHid:	1.41		P_Mojad	53.49		Factor:	Vel Media:		Vertical:	Max %Q		ELEV. (ft)	
Ancho:	52.49		A*RH <sup>2/3</sup>	94.90		(S <sup>1/2</sup> )/n:	0.4422		0.83		39		8.83		Caudal(cfs)	62.54
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %				
1																
2	6.6	0.98	15	42	0.81	0.81	0.40	3.229	6.56		6.6351	1.3001	2.0790	2.08		
3	9.8	1.18	20	52	0.87	0.87	0.84	3.552	3.28		3.2867	2.9678	4.7458	6.82		
4	13.1	1.18	30	59	1.14	1.14	1.00	3.875	3.28		3.2808	3.8841	6.2109	13.04		
5	16.4	1.48	20	58	0.78	0.78	0.96	4.359	3.28		3.2941	4.1784	6.6815	19.72		
6	19.7	1.61	20	49	0.92	0.92	0.85	5.059	3.28		3.2835	4.2895	6.8593	26.58		
7	23.0	1.84	20	43	1.04	0.72	0.82	5.651	3.28		3.2889	4.6386	7.4174	33.99		
			10	57	0.40											
8	26.2	1.97	30	49	1.37	1.04	0.88	6.243	3.28		3.2835	5.5205	8.8277	42.82		
			15	47	0.72											
9	27.9	1.90	15	43	0.79	0.89	0.97	3.175	1.64		1.6417	3.0751	4.9174	47.74		
			20	45	1.00											
10	29.5	1.90	30	52	1.29	0.99	0.94	3.122	1.64		1.6404	2.9398	4.7010	52.44		
			15	49	0.69											
11	31.2	2.13	30	52	1.29	1.06	1.02	3.310	1.64		1.6564	3.3900	5.4208	57.86		
			15	41	0.82											
12	32.8	2.13	30	57	1.18	1.07	1.06	3.498	1.64		1.6404	3.7156	5.9415	63.80		
			20	47	0.96											
13	34.4	1.77	30	56	1.20	1.02	1.04	3.202	1.64		1.6796	3.3446	5.3482	69.15		
			15	40	0.84											
14	36.1	1.97	20	43	1.04	0.92	0.97	3.068	1.64		1.6522	2.9709	4.7507	73.90		
			15	43	0.79											
15	37.7	1.97	20	46	0.98	0.72	0.82	3.229	1.64		1.6404	2.6434	4.2270	78.13		
			10	49	0.47											
16	39.4	1.80	20	42	1.07	0.84	0.78	3.095	1.64		1.6486	2.4223	3.8734	82.00		
			15	55	0.62											
17	41.0	1.80	20	42	1.07	0.90	0.87	2.960	1.64		1.6404	2.5836	4.1314	86.13		
			15	46	0.74											
18	42.7	1.51	15	46	0.74	0.74	0.82	2.718	1.64		1.6668	2.2273	3.5616	89.69		
19	45.9	1.38	15	55	0.62	0.62	0.68	4.736	3.28		3.2835	3.2108	5.1343	94.83		
20	49.2	1.18	10	56	0.41	0.41	0.52	4.198	3.28		3.2867	2.1632	3.4592	98.29		
21	52.5	0.75	5	45	0.26	0.26	0.34	3.175	3.28		3.3084	1.0706	1.7119	100.00		

**AFORO DEL RÍO INDIO EN LAS CLARAS ABAJO**  
**PUNTO 10 - COORDENADAS: 591649N; 0978319E**  
**26 DE FEBRERO DE 2018**

RIO	INDIO		METODO		VADEO		FECHA (M/D/A)		26-feb-18		EDI 1/4		15			
ESTACION	CLARAS ABAJO		PESO		MOLINETE		GURLEY-NE-4063		HORA INICIO		09:05		EDI 2/4		29	
CLAVE									HORA FINAL		10:20		EDI 3/4		42	
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO						ELEV. INICIAL (ft)				EDI 4/4		60	
TIPO AFORO			PRUEBA FINAL						ELEV. FINAL (ft)				POR:			
Area:	135.84		RadHid: 1.77		P_Mojad 76.61		Factor:		Vel Media:		Vertical:		Max %Q		ELEV. (ft)	
Ancho:	75.46		A*RH <sup>2/3</sup> 199.00		(S <sup>1/2</sup> )/n: 0.2335		0.51		0.51		56		6.92		Caudal(cfs) 69.23	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %				
1																
2	6.6	1.80	10	41	0.56	0.40	0.20	5.920	6.56	6.8053	1.1816	1.7068	1.71			
			5	49	0.24											
3	9.8	1.97	10	51	0.45	0.39	0.40	6.189	3.28	3.2849	2.4568	3.5488	5.26			
			7	48	0.34											
4	13.1	2.00	15	58	0.59	0.53	0.46	6.512	3.28	3.2810	3.0041	4.3393	9.59			
			10	49	0.47											
5	16.4	2.03	10	40	0.57	0.52	0.53	6.620	3.28	3.2810	3.4785	5.0247	14.62			
			10	48	0.48											
6	19.7	2.10	15	46	0.74	0.62	0.57	6.781	3.28	3.2815	3.8834	5.6095	20.23			
			10	45	0.51											
7	23.0	1.97	10	44	0.52	0.50	0.56	6.674	3.28	3.2835	3.7381	5.3997	25.63			
			10	48	0.48											
8	26.2	2.17	15	43	0.79	0.68	0.59	6.781	3.28	3.2867	3.9873	5.7596	31.39			
			10	40	0.57											
9	29.5	2.10	10	51	0.45	0.60	0.64	6.997	3.28	3.2815	4.4756	6.4650	37.85			
			15	45	0.75											
10	32.8	2.13	15	51	0.67	0.68	0.64	6.943	3.28	3.2810	4.4466	6.4230	44.28			
			15	49	0.69											
11	36.1	2.13	15	53	0.64	0.69	0.68	6.997	3.28	3.2808	4.7884	6.9167	51.19			
			15	46	0.74											
12	39.4	1.97	15	44	0.77	0.61	0.65	6.727	3.28	3.2849	4.3697	6.3119	57.50			
			10	51	0.45											
13	42.7	1.94	15	53	0.64	0.55	0.58	6.405	3.28	3.2810	3.7148	5.3660	62.87			
			10	50	0.46											
14	45.9	1.90	15	54	0.63	0.60	0.58	6.297	3.28	3.2810	3.6351	5.2509	68.12			
			15	59	0.58											
15	49.2	1.90	15	53	0.64	0.54	0.57	6.243	3.28	3.2808	3.5776	5.1677	73.29			
			10	52	0.44											
16	52.5	1.77	15	56	0.61	0.56	0.55	6.028	3.28	3.2835	3.3317	4.8125	78.10			
			10	44	0.52											
17	55.8	1.77	15	58	0.59	0.50	0.53	5.813	3.28	3.2808	3.0905	4.4642	82.57			
			10	56	0.41											
18	59.1	1.84	10	45	0.51	0.44	0.47	5.920	3.28	3.2815	2.7763	4.0103	86.58			
			7	44	0.37											
19	62.3	1.87	10	43	0.53	0.41	0.43	6.082	3.28	3.2810	2.5851	3.7341	90.31			
			5	40	0.29											
20	65.6	1.71	10	47	0.49	0.42	0.42	5.866	3.28	3.2849	2.4406	3.5255	93.84			
			7	46	0.35											
21	68.9	1.74	7	41	0.39	0.34	0.38	5.651	3.28	3.2810	2.1585	3.1179	96.95			
			5	40	0.29											
22	75.5	0.82	3	47	0.16	0.16	0.25	8.396	6.56	6.6257	2.1088	3.0461	100.00			

**AFORO DEL RÍO JORDANAL**  
**PUNTO 11 - COORDENADAS: 0597925E; 0962756N**  
**22 DE FEBRERO DE 2018**

RIO	JORDANAL		METODO	VADEO		FECHA (M/D/A)	22-feb-18		EDI 1/4	3			
ESTACION			PESO			HORA INICIO	12:45		EDI 2/4	9			
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	13:50		EDI 3/4	13			
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	17			
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:				
Area:	22.63		RadHid:	0.95		P_Mojad	23.93		Factor:	Vel Media:			
Ancho:	22.97		A*RH <sup>2/3</sup>	21.80		(S <sup>1/2</sup> )/n:	0.3509		Vertical:	Max %Q			
								0.50	16	11.20	ELEV. (ft)		
											Caudal(cfs)	11.40	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	1.6	1.35	10	48	0.48	0.48	0.24	1.103	1.64	2.1214	0.2632	2.3088	2.31
3	3.3	1.15	15	59	0.58	0.58	0.53	2.045	1.64	1.6522	1.0793	9.4673	11.78
4	4.9	1.51	7	42	0.39	0.39	0.48	2.180	1.64	1.6796	1.0502	9.2119	20.99
5	6.6	1.21	7	49	0.33	0.33	0.36	2.234	1.64	1.6668	0.8019	7.0338	28.02
6	8.2	1.15	10	49	0.47	0.47	0.40	1.938	1.64	1.6417	0.7755	6.8026	34.82
7	9.8	1.15	15	50	0.68	0.68	0.57	1.884	1.64	1.6404	1.0803	9.4760	44.30
8	11.5	1.05	15	46	0.74	0.74	0.71	1.803	1.64	1.6434	1.2765	11.1969	55.50
9	13.1	0.98	10	43	0.53	0.53	0.63	1.668	1.64	1.6417	1.0572	9.2733	64.77
10	14.8	1.08	15	43	0.79	0.79	0.66	1.695	1.64	1.6434	1.1168	9.7958	74.57
11	16.4	1.02	10	45	0.51	0.51	0.65	1.722	1.64	1.6417	1.1149	9.7792	84.35
12	18.0	0.82	10	53	0.43	0.43	0.47	1.507	1.64	1.6522	0.7094	6.2230	90.57
13	19.7	0.69	10	52	0.44	0.44	0.44	1.238	1.64	1.6457	0.5419	4.7536	95.32
14	21.3	0.46	5	40	0.29	0.29	0.37	0.942	1.64	1.6564	0.3462	3.0369	98.36
15	23.0	0.36	5	45	0.26	0.26	0.28	0.673	1.64	1.6434	0.1871	1.6410	100.00
16							0.13			0.3609			

**AFORO RÍO TERIA NACIMIENTO**  
**PUNTO 12 - COORDENADAS: 0600469E; 0969616N**  
**28 DE FEBRERO DE 2018**

RIO	TERIA		METODO		VADEO		FECHA (M/D/A)		28-feb-18		EDI 1/4		4							
ESTACION	NACIMIENTO		PESO				HORA INICIO		10:10		EDI 2/4		6							
CLAVE			MOLINETE		PIGMEO		HORA FINAL		10:40		EDI 3/4		9							
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO				ELEV. INICIAL (ft)				EDI 4/4		12							
TIPO AFORO			PRUEBA FINAL				ELEV. FINAL (ft)				POR:									
Area:	13.40		RadHid:		0.67		P_Mojad		20.14		Factor:		Vel Media:		Vertical:		Max %Q		ELEV. (ft)	
Ancho:	19.69		A*RH <sup>2/3</sup>		10.21		(S <sup>1/2</sup> )/n:		0.3549		0.40		13		19.07		Caudal(cfs)		5.40	
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %								
1																				
2	1.6	1.15	7	40	0.20	0.20	0.10	0.942	1.64	2.0024	0.0937	1.7351	1.74							
3	3.3	1.15	15	57	0.29	0.29	0.24	1.884	1.64	1.6404	0.4559	8.4423	10.18							
4	4.9	0.98	30	55	0.56	0.56	0.42	1.749	1.64	1.6486	0.7399	13.7006	23.88							
5	6.6	1.02	30	44	0.69	0.69	0.63	1.641	1.64	1.6407	1.0301	19.0738	42.95							
6	8.2	1.02	15	59	0.28	0.28	0.49	1.668	1.64	1.6404	0.8096	14.9915	57.94							
7	9.8	0.69	30	59	0.52	0.52	0.40	1.399	1.64	1.6729	0.5605	10.3795	68.32							
8	11.5	0.82	30	55	0.56	0.56	0.54	1.238	1.64	1.6457	0.6720	12.4426	80.77							
9	13.1	0.59	20	41	0.50	0.50	0.53	1.157	1.64	1.6564	0.6165	11.4148	92.18							
10	14.8	0.46	10	58	0.20	0.20	0.35	0.861	1.64	1.6457	0.3018	5.5890	97.77							
11	16.4	0.20	7	53	0.16	0.16	0.18	0.538	1.64	1.6613	0.0951	1.7614	99.53							
12	19.7						0.08	0.323	3.28	3.2867	0.0254	0.4695	100.00							

**AFORO DEL RÍO TERIACITO EN BAJO GRANDE**  
**PUNTO 13 - COORDENADAS: 0598175E; 0971569N**  
**26 DE FEBRERO DE 2018**

RIO	TERIACITO		METODO	VADEO		FECHA (M/D/A)	26-feb-18		EDI 1/4	4			
ESTACION	BAJO GRANDE		PESO			HORA INICIO	12:30		EDI 2/4	8			
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	12:55		EDI 3/4	11			
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)			EDI 4/4	15			
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)			POR:				
Area:	12.32	RadHid:	0.60	P_Mojad	20.41	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)			
Ancho:	19.69	A*RH <sup>2/3</sup>	8.80	(S <sup>1/2</sup> )/n:	0.5692		0.61	11	14.82	Caudal(cfs)	7.47		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	1.6	0.89	10	49	0.47	0.47	0.23	0.727	1.64	1.8643	0.1699	2.2755	2.28
3	3.3	0.69	10	40	0.57	0.57	0.52	1.292	1.64	1.6522	0.6696	8.9664	11.24
4	4.9	0.82	10	41	0.56	0.56	0.56	1.238	1.64	1.6457	0.6960	9.3204	20.56
5	6.6	0.72	10	42	0.54	0.54	0.55	1.265	1.64	1.6434	0.6945	9.3008	29.86
6	8.2	0.69	20	42	1.07	1.07	0.81	1.157	1.64	1.6407	0.9317	12.4771	42.34
7	9.8	0.72	15	40	0.84	0.84	0.96	1.157	1.64	1.6407	1.1064	14.8157	57.16
8	11.5	0.79	15	55	0.62	0.62	0.73	1.238	1.64	1.6417	0.9059	12.1314	69.29
9	13.1	0.69	10	47	0.49	0.49	0.55	1.211	1.64	1.6434	0.6697	8.9675	78.25
10	14.8	0.49	15	50	0.68	0.68	0.58	0.969	1.64	1.6522	0.5649	7.5640	85.82
11	16.4	0.43	15	48	0.71	0.71	0.69	0.753	1.64	1.6417	0.5222	6.9925	92.81
12	18.0	0.36	10	59	0.39	0.39	0.55	0.646	1.64	1.6417	0.3547	4.7493	97.56
13	19.7	0.46	3	50	0.15	0.15	0.27	0.673	1.64	1.6434	0.1822	2.4395	100.00

**AFORO DEL RÍO INDIO EN ALTOS DE LA MESA**  
**PUNTO 14 - COORDENADAS: 0598175E; 0971569N**  
**22 DE FEBRERO DE 2018**

RIO	INDIO		METODO	VADEO		FECHA (M/D/A)	22-feb-18	EDI 1/4	1				
ESTACION	ALTOS DE LA MESA		PESO			HORA INICIO	09:40	EDI 2/4	2				
CLAVE			MOLINETE	GURLEY-NE-4063		HORA FINAL	10:00	EDI 3/4	3				
AFORADOR	T. RODRIGUEZ		PRUEBA INICIO			ELEV. INICIAL (ft)		EDI 4/4	5				
TIPO AFORO			PRUEBA FINAL			ELEV. FINAL (ft)		POR:					
Area:	4.45	RadHid:	0.46	P_Mojad	9.68	Factor:	Vel Media:	Vertical:	Max %Q	ELEV. (ft)			
Ancho:	9.02	A*RH <sup>2/3</sup>	2.65	(S <sup>1/2</sup> )/n:	1.0657		0.95	1	30.51	Caudal(cfs)	4.21		
#	Estación	Profund.	Revoluc.	Tiempo	V. Punto	V. VERT.	V. Media	Área	Ancho	Per_Mojad	Caudal	Caudal en %	
1													
2	0.8	0.72	15	40	0.84	0.84	0.42	0.296	0.82	1.0926	0.1250	2.9662	2.97
3	1.6	0.75	40	40	2.22	2.22	1.53	0.605	0.82	0.8209	0.9285	22.0335	25.00
4	2.5	0.66	40	40	2.22	2.22	2.22	0.579	0.82	0.8261	1.2859	30.5133	55.51
5	3.3	0.49	30	53	1.27	1.27	1.74	0.471	0.82	0.8365	0.8214	19.4905	75.00
6	4.1	0.49	10	49	0.47	0.47	0.87	0.404	0.82	0.8202	0.3499	8.3021	83.31
7	5.7	0.43	7	45	0.36	0.36	0.41	0.753	1.64	1.6417	0.3121	7.4067	90.71
8	7.4	0.43	7	58	0.28	0.28	0.32	0.700	1.64	1.6404	0.2255	5.3514	96.06
9	9.0	0.36	5	52	0.23	0.23	0.26	0.646	1.64	1.6417	0.1659	3.9362	100.00