

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	KM	M	MM	M /S	M /S	(-)	L/S/KM

AFLUENTE LOCUMBA C

34	1 1	119.0	3150.0	1044.1	4719.5	483.	0.90	2.20	0.14	2.1
35	1 1	109.0	2825.0	1110.8	4663.5	468.	0.97	2.27	0.14	2.0
7+ 35		109.0	2825.0	1497.8	4542.4	438.	1.57	3.07	0.15	2.0
36	1 1	98.0	2350.0	1564.0	4474.9	424.	1.60	3.10	0.15	2.0
37	1 1	84.0	1500.0	1682.7	4338.6	400.	1.63	3.13	0.15	1.9
38	1 1	74.0	1145.0	1775.2	4221.8	381.	1.60	3.10	0.14	1.7

AFLUENTE LOCUMBA D

38	1 1	74.0	1145.0	1775.2	4221.8	381.	1.60	3.10	0.14	1.7
39	1 1	72.0	1105.0	1779.1	4215.3	380.	1.60	3.10	0.14	1.7
20+ 39		72.0	1105.0	2760.2	3902.6	319.	2.00	3.90	0.14	1.4
40	1 1	65.0	950.0	2871.2	3807.3	307.	2.01	3.91	0.14	1.4
41	1 1	55.0	745.0	2977.7	3720.9	296.	2.17	3.92	0.14	1.3
42	1 1	45.0	575.0	3097.0	3617.9	285.	2.20	3.95	0.14	1.3

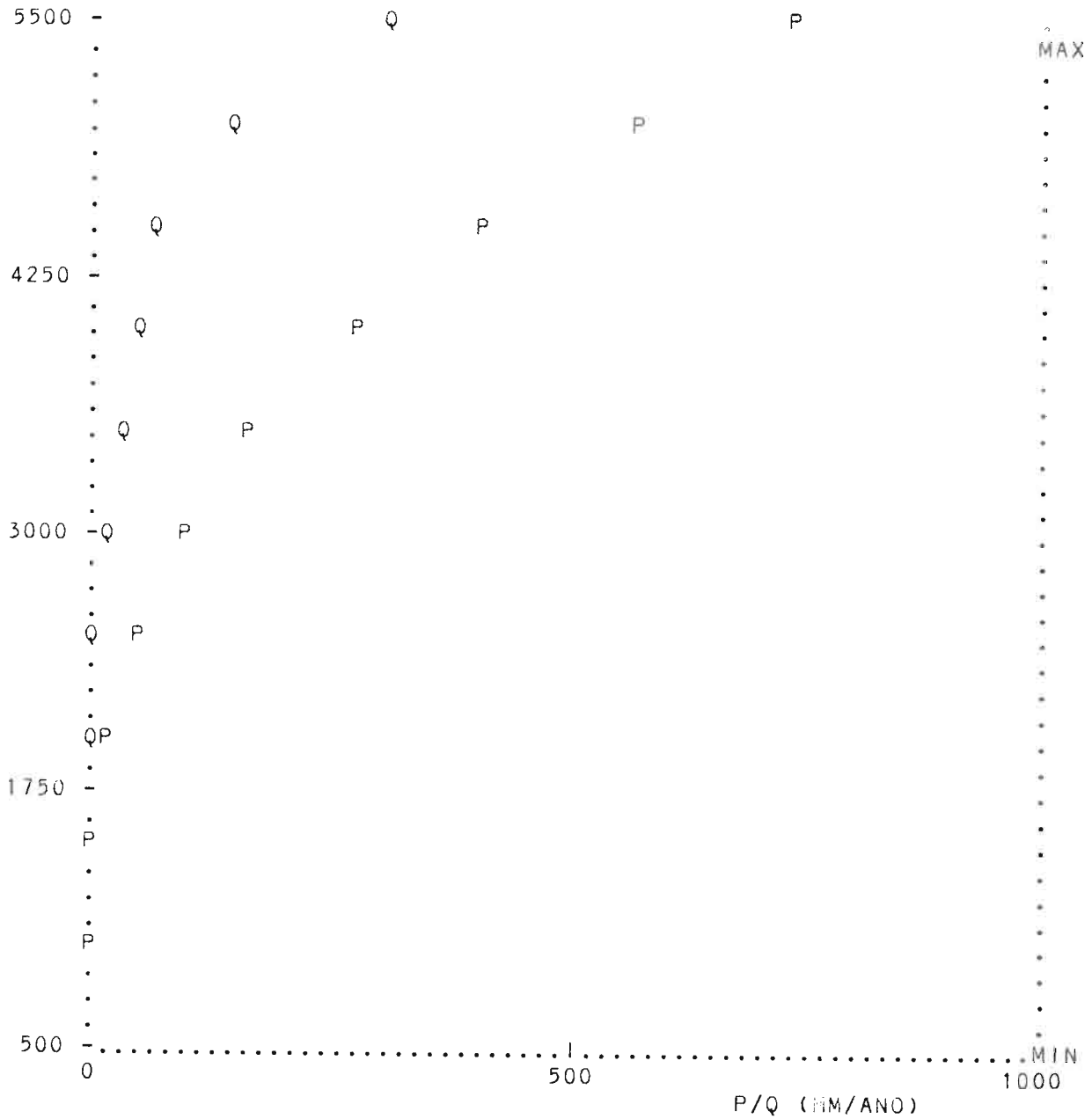
AFLUENTE LOCUMBA E

42	1 1	45.0	575.0	3097.0	3617.9	285.	2.20	3.95	0.14	1.3
43	1 1	43.0	550.0	3175.0	3552.7	279.	2.20	3.95	0.14	1.2
28+ 43		43.0	550.0	3607.1	3407.7	256.	2.47	4.12	0.14	1.1
44	1 1	30.0	390.0	3975.8	3174.8	233.	1.98	4.13	0.14	1.0
45	1 1	20.0	273.0	5086.7	2704.7	184.	1.51	4.16	0.14	0.8
46	1 1	10.0	148.0	5111.0	2693.0	183.	1.01	4.16	0.14	0.8
47	1 1	0.0	0.0	5315.8	2599.2	176.	0.52	4.17	0.14	0.8

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\*\*\*\*\*  
 \* CUENCA DEL RIO SAMA : REGIMEN # 1 \*  
 \* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) \*  
 \* AMAX = 5493. : AMIN = 581. \*  
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ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	1	1	1	5	15	30	40	55	70	153	325	500
P :	20	12	11	24	54	106	181	284	418	587	750	900
K :	.050	.083	.091	.208	.278	.283	.221	.194	.167	.261	.433	.556

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO SAMA

1/ 5/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE TARATA

1	1 1	25.0	5150.0	1.8	5370.0	708.	0.01	0.01	0.20	4.4
2	1 1	20.0	4475.0	24.5	5030.9	597.	0.06	0.06	0.14	2.6
3	1 1	10.0	3800.0	79.2	4694.6	484.	0.13	0.13	0.11	1.6
4	1 1	0.0	2800.0	110.7	4409.0	409.	0.15	0.15	0.11	1.4

AFLUENTE ESTIQUE

5	1 1	19.0	5200.0	1.4	5493.0	748.	0.01	0.01	0.22	5.1
6	1 1	10.0	3750.0	22.1	4636.0	464.	0.03	0.03	0.11	1.6
7	1 1	0.0	2910.0	77.1	4053.9	309.	0.08	0.08	0.10	1.0

AFLUENTE ARUMA

8	1 1	30.0	5075.0	1.7	5282.0	679.	0.01	0.01	0.18	4.0
9	1 1	20.0	4025.0	44.8	4968.4	576.	0.11	0.11	0.13	2.4
10	1 1	10.0	2910.0	129.4	4383.6	398.	0.18	0.18	0.11	1.4
7+ 10		10.0	2910.0	206.5	4260.5	365.	0.26	0.26	0.11	1.3
11	1 1	0.0	2400.0	284.6	4019.4	310.	0.31	0.31	0.11	1.1

AFLUENTE SALADO A

12	1 1	37.0	4525.0	4.2	4810.0	523.	0.02	0.02	0.25	4.2
13	1 1	26.0	4100.0	71.3	4763.9	507.	0.28	0.28	0.24	3.9
14	1 1	16.0	3200.0	173.6	4454.6	413.	0.50	0.50	0.22	2.9

AFLUENTE SALADO B

14	1 1	16.0	3200.0	173.6	4454.6	413.	0.50	0.50	0.22	2.9
15	1 1	10.0	2730.0	246.2	4242.4	359.	0.55	0.55	0.20	2.3
16	1 1	0.0	2150.0	438.4	4017.7	302.	0.70	0.70	0.17	1.6

AFLUENTE SAMA A

17	1 1	167.0	4749.0	6.5	4987.0	583.	0.03	0.03	0.22	4.0
18	1 1	163.0	4535.0	20.9	4897.4	552.	0.08	0.08	0.21	3.6
19	1 1	153.0	4475.0	194.4	4894.4	551.	0.70	0.70	0.21	3.6

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE SAMA B

19	1 1	153.0	4475.0	194.4	4894.4	551.	0.70	0.70	0.21	3.6
20	1 1	142.0	3820.0	234.9	4841.0	533.	0.75	0.75	0.19	3.2
21	1 1	132.0	2800.0	300.8	4648.2	477.	0.81	0.81	0.18	2.7
4+ 21		132.0	2800.0	411.5	4583.9	459.	0.96	0.96	0.16	2.3
22	1 1	125.0	2400.0	493.7	4444.5	421.	1.03	1.03	0.16	2.1
11+ 22		125.0	2400.0	778.3	4289.1	380.	1.33	1.33	0.14	1.7
23	1 1	116.0	2150.0	853.4	4170.0	355.	1.37	1.37	0.14	1.6
16+ 23		116.0	2150.0	1291.8	4118.3	337.	2.06	2.06	0.15	1.6
24	1 1	107.0	1875.0	1392.9	4032.7	320.	2.11	2.11	0.15	1.5
25	1 1	97.0	1553.0	1591.0	3860.0	289.	2.17	2.17	0.15	1.4
26	1 1	87.0	1225.0	1689.1	3761.3	274.	2.18	2.18	0.15	1.3
27	1 1	77.0	975.0	1782.5	3658.6	261.	2.19	2.19	0.15	1.2
28	1 1	67.0	775.0	1955.1	3506.7	240.	2.20	2.20	0.15	1.1
29	1 1	57.0	620.0	2042.4	3405.5	230.	2.20	2.20	0.15	1.1

AFLUENTE SAMA C

29	1 1	57.0	620.0	2042.4	3405.5	230.	2.20	2.20	0.15	1.1
30	1 1	50.0	535.0	2312.5	3216.0	205.	2.23	2.23	0.15	1.0
31	1 1	40.0	400.0	2363.2	3160.2	201.	2.23	2.23	0.15	0.9
32	1 1	30.0	287.0	2645.1	2972.7	181.	2.24	2.24	0.15	0.8
33	1 1	20.0	180.0	2815.4	2828.1	171.	2.24	2.24	0.15	0.8
34	1 1	10.0	75.0	4341.2	2437.9	117.	2.38	2.38	0.15	0.5
35	1 1	0.0	0.0	4809.1	2260.5	107.	2.39	2.39	0.15	0.5

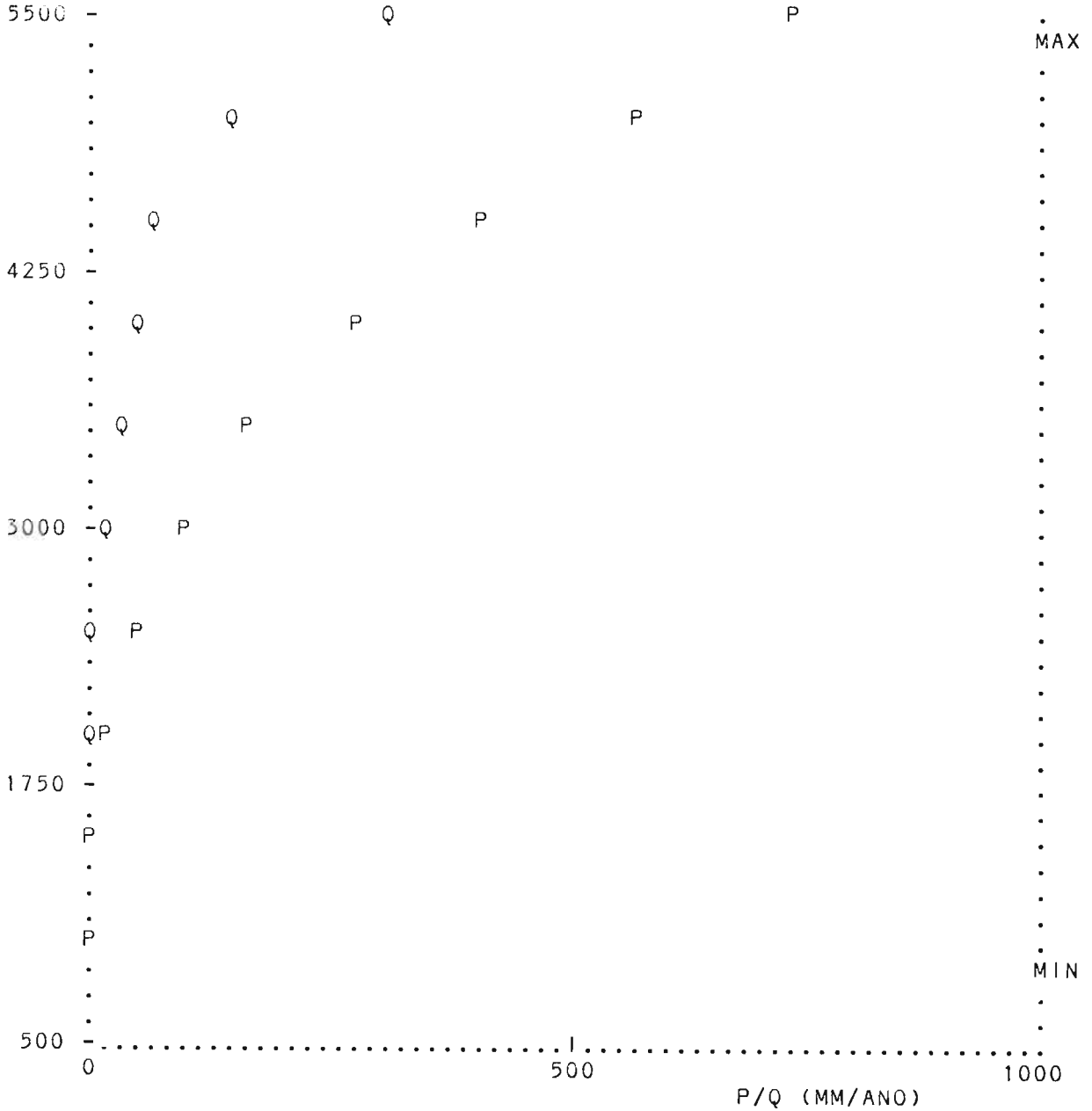
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* CUENCA DEL RIO CAPLINA : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 5495. : AMIN = 877. *
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ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	1	1	1	5	15	30	40	55	70	153	325	500
P :	20	12	11	24	54	106	181	284	418	587	750	900
K :	.050	.083	.091	.208	.278	.283	.221	.194	.167	.261	.433	.556

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	KM	M	MM	M /S	M /S	(-)	L/S/KM

AFLUENTE UCHUSUMA SUP

1	1 1	50.0	4480.0	14.9	4480.0	413.	0.63	0.03	0.17	2.2
2	1 1	43.0	3725.0	60.0	4469.5	410.	0.63	0.13	0.17	2.2
3	1 1	33.0	2700.0	88.5	4218.1	349.	0.57	0.17	0.18	2.0
4	1 1	23.0	1785.0	238.7	3743.6	240.	0.66	0.36	0.20	1.5
5	1 1	13.0	1205.0	277.8	3526.3	211.	0.57	0.37	0.20	1.3
6	1 1	3.0	813.0	488.0	3137.2	149.	0.60	0.50	0.22	1.0

AFLUENTE UCHUSUMA INF

6	1 1	3.0	813.0	488.0	3137.2	149.	0.60	0.50	0.22	1.0
7	1 1	0.0	812.0	548.7	2935.8	134.	0.60	0.50	0.22	0.9

AFLUENTE CAPLINA SUP

8	1 1	76.0	5300.0	1.1	5495.0	748.	0.01	0.01	0.38	9.0
9	1 1	63.0	4075.0	87.6	4994.4	585.	0.37	0.37	0.23	4.3
10	1 1	53.0	3275.0	159.7	4680.9	485.	0.50	0.50	0.20	3.2
11	1 1	43.0	2248.0	416.5	4266.6	363.	0.90	0.90	0.19	2.2
12	1 1	33.0	1700.0	534.8	3967.9	304.	0.99	0.99	0.19	1.9
13	1 1	23.0	1300.0	593.4	3775.3	276.	1.00	1.00	0.19	1.7

AFLUENTE CAPLINA INF

13	1 1	23.0	1300.0	593.4	3775.3	276.	1.00	1.00	0.19	1.7
14	1 1	13.0	948.0	988.8	3385.7	200.	1.30	1.30	0.21	1.3
15	1 1	9.0	812.0	1008.0	3340.3	196.	1.30	1.30	0.21	1.3
7+ 15		9.0	812.0	1556.7	3197.7	174.	1.90	1.80	0.21	1.2
16	1 1	0.0	575.0	1628.7	3095.1	167.	1.91	1.81	0.21	1.1

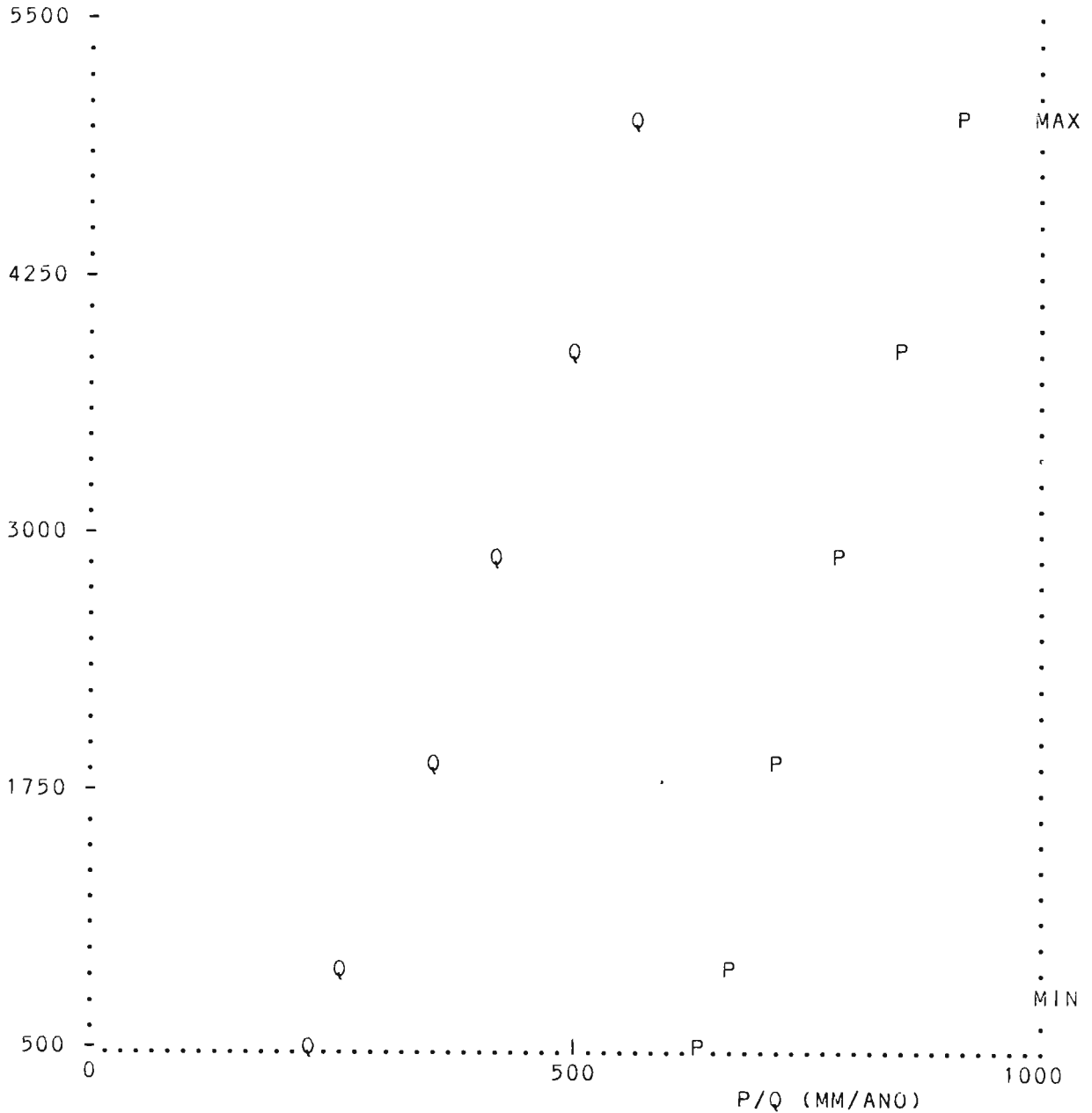
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*           CUENCA DEL RIO ALTO MARANON : REGIMEN # 1           *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
*           AMAX = 5050. : AMIN = 799.                         *
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ALTURA (M.S.N.M.)



A :	0	500	1000	2000	3000	4000	5100
Q :	200	240	280	370	450	520	590
P :	630	660	690	750	810	880	950
K :	.317	.364	.406	.493	.556	.591	.621

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	KM	M	MM	M /S	M /S	(-)	L/S/KM

AFLUENTE NUPE

1	1 1	55.0	4440.0	1.1	4629.0	920.	0.02	0.02	0.64	18.7
2	1 1	48.0	4099.0	66.8	4689.0	924.	1.26	1.26	0.64	18.8
3	1 1	38.0	3825.0	127.3	4563.5	916.	2.36	2.36	0.64	18.5
4	1 1	28.0	3625.0	504.3	4553.4	915.	9.33	9.33	0.64	18.5
5	1 1	20.0	3520.0	561.8	4513.1	913.	10.35	10.35	0.64	18.4
6	1 1	10.0	3385.0	669.7	4401.5	905.	12.17	12.17	0.63	18.2
7	1 1	0.0	3300.0	814.6	4314.1	900.	14.65	14.65	0.63	18.0

AFLUENTE SANTA ROSA

8	1 1	24.0	4390.0	4.9	4430.0	907.	0.09	0.09	0.63	18.2
9	1 1	10.0	3880.0	57.8	4347.6	902.	1.04	1.04	0.63	18.1
10	1 1	0.0	3500.0	88.8	4243.7	896.	1.58	1.58	0.63	17.8

AFLUENTE ANDACHUPA

11	1 1	28.0	4224.0	19.0	4370.0	904.	0.34	0.34	0.63	18.1
12	1 1	20.0	3930.0	96.5	4466.4	910.	1.77	1.77	0.64	18.3
13	1 1	10.0	3560.0	140.4	4390.9	905.	2.55	2.55	0.63	18.2
14	1 1	0.0	3380.0	307.2	4298.1	899.	5.52	5.52	0.63	18.0

AFLUENTE SHIULLA

15	1 1	24.0	4390.0	4.9	4430.0	907.	0.09	0.09	0.63	18.2
16	1 1	10.0	3880.0	57.8	4347.6	902.	1.04	1.04	0.63	18.1
17	1 1	0.0	3500.0	88.8	4212.3	893.	1.58	1.58	0.63	17.8

AFLUENTE LAMPAS

18	1 1	28.0	4430.0	5.3	4450.0	909.	0.10	0.10	0.63	18.3
19	1 1	15.0	3890.0	74.9	4366.4	903.	1.36	1.36	0.63	18.1
20	1 1	5.0	3500.0	120.4	4265.7	897.	2.15	2.15	0.63	17.9
17+ 20		5.0	3500.0	209.2	4243.0	895.	3.73	3.73	0.63	17.8
21	1 1	0.0	3340.0	224.6	4214.0	894.	3.99	3.99	0.63	17.8



CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO ALTO MARANON 1/17/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	<sup>2</sup> KM	M	MM	<sup>3</sup> M /S	<sup>3</sup> M /S	(-)	<sup>2</sup> L/S/KM

AFLUENTE TAPARACO

22	1 1	33.0	4300.0	12.0	4350.0	902.	0.22	0.22	0.63	18.1
23	1 1	20.0	3850.0	204.8	4058.2	884.	3.57	3.57	0.62	17.5
24	1 1	10.0	3640.0	247.3	4034.4	882.	4.30	4.30	0.62	17.4
25	1 1	0.0	3300.0	275.1	4020.8	881.	4.78	4.78	0.62	17.4

AFLUENTE VIZCARRA

26	1 1	70.0	4550.0	1.2	4600.0	918.	0.02	0.02	0.64	18.6
27	1 1	64.0	4175.0	16.5	4433.1	908.	0.30	0.30	0.63	18.2
28	1 1	54.0	3900.0	84.5	4478.9	910.	1.55	1.55	0.64	18.3
29	1 1	44.0	3500.0	223.4	4254.5	896.	3.99	3.99	0.63	17.9
10+ 29		44.0	3500.0	312.2	4251.4	896.	5.58	5.58	0.63	17.9
30	1 1	36.0	3380.0	351.3	4221.2	894.	6.25	6.25	0.63	17.8
14+ 30		36.0	3380.0	658.5	4257.1	896.	11.77	11.77	0.63	17.9
31	1 1	35.0	3340.0	659.5	4256.1	896.	11.79	11.79	0.63	17.9
21+ 31		35.0	3340.0	884.1	4245.4	896.	15.78	15.78	0.63	17.9
32	1 1	32.0	3300.0	888.8	4241.8	895.	15.86	15.86	0.63	17.8
25+ 32		32.0	3300.0	1163.9	4189.5	892.	20.64	20.64	0.63	17.7
33	1 1	20.0	3130.0	1463.9	4130.6	888.	25.77	25.77	0.63	17.6
34	1 1	10.0	3040.0	1603.0	4090.6	885.	28.07	28.07	0.62	17.5
35	1 1	0.0	2960.0	1644.0	4077.4	885.	28.74	28.74	0.62	17.5

AFLUENTE TANTAMAYO

36	1 1	20.0	4026.0	12.8	4070.0	884.	0.22	0.22	0.62	17.5
37	1 1	10.0	3550.0	83.7	4129.3	888.	1.47	1.47	0.63	17.6
38	1 1	0.0	2640.0	166.3	3975.7	878.	2.87	2.87	0.62	17.3

AFLUENTE CARPA

39	1 1	12.0	3550.0	40.2	3610.0	853.	0.66	0.66	0.61	16.4
40	1 1	0.0	2450.0	109.0	3628.9	854.	1.79	1.79	0.61	16.5

AFLUENTE PACHACHACA

41	1 1	15.0	4410.0	2.0	4450.0	909.	0.04	0.04	0.63	18.3
42	1 1	10.0	4200.0	28.8	4440.7	908.	0.53	0.53	0.63	18.3
43	1 1	0.0	3800.0	163.8	4539.0	914.	3.03	3.03	0.64	18.5

AFLUENTE MOSNA

44	1 1	25.0	4600.0	1.6	4700.0	925.	0.03	0.03	0.64	18.8
45	1 1	17.0	4250.0	55.8	4544.6	915.	1.03	1.03	0.64	18.5
46	1 1	7.0	3800.0	90.4	4512.2	913.	1.66	1.66	0.64	18.4
43+ 46		7.0	3800.0	254.2	4529.5	914.	4.69	4.69	0.64	18.5
47	1 1	0.0	3450.0	286.2	4489.3	911.	5.26	5.26	0.64	18.4

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO ALTO MARANON 1/17/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE RURICHINCHAY

48	1 1	21.0	4500.0	5.5	4700.0	925.	0.10	0.10	0.64	18.8
49	1 1	10.0	3400.0	81.0	4560.2	916.	1.50	1.50	0.64	18.5
50	1 1	0.0	2700.0	199.1	4328.7	901.	3.59	3.59	0.63	18.0

AFLUENTE HUARI

51	1 1	29.0	4320.0	0.6	4350.0	902.	0.01	0.01	0.63	18.1
52	1 1	20.0	3590.0	62.2	4201.4	893.	1.10	1.10	0.63	17.8
53	1 1	10.0	3050.0	147.9	4026.8	881.	2.57	2.57	0.62	17.4
54	1 1	0.0	2650.0	346.6	3977.0	878.	5.99	5.99	0.62	17.3

AFLUENTE COLCA

55	1 1	34.0	4350.0	0.3	4500.0	912.	0.01	0.01	0.64	18.4
56	1 1	20.0	3500.0	134.1	4230.6	895.	2.39	2.39	0.63	17.8
57	1 1	10.0	2900.0	252.9	4033.0	882.	4.40	4.40	0.62	17.4
58	1 1	0.0	2450.0	318.1	3830.3	868.	5.38	5.38	0.61	16.9

AFLUENTE CHINCHORAGRA

59	1 1	18.0	4200.0	1.6	4350.0	902.	0.03	0.03	0.63	18.1
60	1 1	10.0	3750.0	24.0	4210.0	893.	0.43	0.43	0.63	17.8
61	1 1	0.0	2170.0	55.1	3668.1	856.	0.91	0.91	0.61	16.5

AFLUENTE PUSHCA

62	1 1	104.0	4650.0	1.7	4850.0	934.	0.03	0.03	0.65	19.1
63	1 1	92.0	4010.0	61.6	4606.9	919.	1.15	1.15	0.64	18.6
64	1 1	82.0	3450.0	124.1	4452.3	909.	2.27	2.27	0.63	18.3
47+ 64		82.0	3450.0	410.3	4478.1	910.	7.53	7.53	0.64	18.3
65	1 1	73.0	3150.0	538.0	4445.3	908.	9.83	9.83	0.63	18.3
66	1 1	63.0	2910.0	857.2	4372.6	904.	15.53	15.53	0.63	18.1
67	1 1	53.0	2700.0	1017.1	4315.6	900.	18.31	18.31	0.63	18.0
50+ 67		53.0	2700.0	1216.2	4317.7	900.	21.90	21.90	0.63	18.0
68	1 1	48.0	2650.0	1244.2	4295.1	899.	22.34	22.34	0.63	18.0
54+ 68		48.0	2650.0	1590.8	4225.8	894.	28.32	28.32	0.63	17.8
69	1 1	43.0	2550.0	1640.0	4203.4	893.	29.12	29.12	0.63	17.8
70	1 1	33.0	2450.0	1748.8	4148.4	889.	30.83	30.83	0.63	17.6
58+ 70		33.0	2450.0	2066.9	4099.5	886.	36.21	36.21	0.62	17.5
71	1 1	27.0	2340.0	2255.5	4041.1	882.	39.22	39.22	0.62	17.4
72	1 1	17.0	2240.0	2482.7	3982.4	878.	42.83	42.83	0.62	17.3
73	1 1	7.0	2170.0	2634.5	3932.7	874.	45.15	45.15	0.62	17.1
61+ 73		7.0	2170.0	2689.6	3927.3	874.	46.07	46.07	0.62	17.1
74	1 1	0.0	2090.0	2780.6	3895.6	872.	47.42	47.42	0.62	17.1

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO ALTO MARANON 1/17/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM
AFLUENTE MIRGAS										
75	1 1	28.0	4250.0	1.4	4320.0	900.	0.03	0.03	0.63	18.0
76	1 1	20.0	3650.0	41.3	4097.8	886.	0.72	0.72	0.62	17.5
77	1 1	10.0	2750.0	140.5	3555.7	849.	2.29	2.29	0.61	16.3
78	1 1	0.0	2030.0	185.3	3423.8	840.	2.96	2.96	0.60	16.0
AFLUENTE ARMA										
79	1 1	16.0	4100.0	9.4	4400.0	905.	0.17	0.17	0.63	18.2
80	1 1	10.0	3600.0	75.0	4382.5	904.	1.36	1.36	0.63	18.1
81	1 1	0.0	2960.0	139.4	4113.4	887.	2.45	2.45	0.62	17.6
AFLUENTE YURMA										
82	1 1	34.0	4500.0	0.8	4650.0	921.	0.01	0.01	0.64	18.7
83	1 1	20.0	3400.0	82.8	4729.2	926.	1.56	1.56	0.64	18.9
84	1 1	10.0	2750.0	293.1	4493.0	911.	5.39	5.39	0.64	18.4
85	1 1	0.0	2380.0	356.8	4280.0	897.	6.39	6.39	0.63	17.9
AFLUENTE POMABAMBA										
86	1 1	39.0	4060.0	3.2	4200.0	893.	0.06	0.06	0.63	17.8
87	1 1	32.0	3180.0	91.0	3949.1	876.	1.57	1.57	0.62	17.2
88	1 1	22.0	2860.0	273.8	4109.9	887.	4.81	4.81	0.62	17.6
89	1 1	12.0	2590.0	450.6	3933.4	875.	7.73	7.73	0.62	17.2
90	1 1	0.0	2290.0	641.6	3852.0	869.	10.89	10.89	0.62	17.0
AFLUENTE YANAMAYO										
91	1 1	69.0	4800.0	0.5	5050.0	947.	0.01	0.01	0.65	19.6
92	1 1	59.0	3650.0	60.6	4921.1	939.	1.17	1.17	0.65	19.3
93	1 1	49.0	2960.0	312.6	4686.4	924.	5.87	5.87	0.64	18.8
81+ 93		49.0	2960.0	452.0	4509.7	912.	8.32	8.32	0.64	18.4
94	1 1	39.0	2590.0	752.8	4206.1	892.	13.36	13.36	0.63	17.7
95	1 1	29.0	2380.0	823.1	4128.7	887.	14.46	14.46	0.62	17.6
85+ 95		29.0	2380.0	1179.9	4174.5	890.	20.85	20.85	0.63	17.7
96	1 1	22.0	2290.0	1217.2	4140.0	888.	21.41	21.41	0.62	17.6
90+ 96		22.0	2290.0	1858.8	4040.6	881.	32.30	32.30	0.62	17.4
97	1 1	10.0	2030.0	2063.1	3972.2	877.	35.53	35.53	0.62	17.2
98	1 1	0.0	1930.0	2362.5	3856.6	869.	40.06	40.06	0.62	17.0
AFLUENTE MANTA										
99	1 1	27.0	4025.0	2.5	4075.0	885.	0.04	0.04	0.62	17.5
100	1 1	20.0	3190.0	29.9	3804.7	866.	0.50	0.50	0.61	16.9
101	1 1	10.0	2350.0	127.7	3529.2	847.	2.07	2.07	0.60	16.2
102	1 1	0.0	1805.0	190.0	3355.7	835.	3.01	3.01	0.60	15.8

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO ALTO MARANON 1/17/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	KM	M	MM	M /S	M /S	(-)	L/S/KM

AFLUENTE HUACRACHUCO

103	1 1	38.0	3700.0	5.8	3800.0	866.	0.10	0.10	0.61	16.9
104	1 1	30.0	3240.0	90.0	3917.9	874.	1.54	1.54	0.62	17.1
105	1 1	20.0	2525.0	205.5	3702.7	859.	3.42	3.42	0.61	16.6
106	1 1	10.0	2060.0	377.8	3509.9	846.	6.12	6.12	0.60	16.2
107	1 1	0.0	1740.0	431.9	3429.8	840.	6.91	6.91	0.60	16.0

AFLUENTE RUPAC

108	1 1	58.0	4200.0	2.8	4250.0	896.	0.05	0.05	0.63	17.9
109	1 1	50.0	3545.0	35.2	4111.9	887.	0.62	0.62	0.62	17.6
110	1 1	40.0	2850.0	123.8	3656.1	856.	2.05	2.05	0.61	16.5
111	1 1	30.0	2410.0	258.8	3486.0	844.	4.17	4.17	0.60	16.1
112	1 1	20.0	2145.0	662.3	3613.3	853.	10.88	10.88	0.61	16.4
113	1 1	10.0	1950.0	888.1	3521.0	846.	14.40	14.40	0.60	16.2
114	1 1	0.0	1709.0	963.9	3464.3	843.	15.49	15.49	0.60	16.1

AFLUENTE LLAMA

115	1 1	33.0	4340.0	0.8	4350.0	902.	0.01	0.01	0.63	18.1
116	1 1	20.0	3470.0	60.6	4103.3	887.	1.06	1.06	0.62	17.6
117	1 1	10.0	2750.0	149.7	3857.3	870.	2.54	2.54	0.62	17.0
118	1 1	0.0	1890.0	226.3	3489.3	845.	3.65	3.65	0.60	16.1

AFLUENTE ACTUY

119	1 1	36.0	3980.0	11.6	4200.0	893.	0.21	0.21	0.63	17.8
120	1 1	30.0	3750.0	42.7	4178.1	891.	0.76	0.76	0.63	17.7
121	1 1	20.0	2750.0	107.1	4053.0	883.	1.87	1.87	0.62	17.4
122	1 1	10.0	1890.0	200.2	3507.5	846.	3.23	3.23	0.60	16.2
118+122		10.0	1890.0	426.5	3497.8	845.	6.88	6.88	0.60	16.1
123	1 1	0.0	1620.0	499.9	3405.6	839.	7.95	7.95	0.60	15.9

AFLUENTE UCTUBAMBA

124	1 1	18.0	3790.0	1.2	3900.0	873.	0.02	0.02	0.62	17.1
125	1 1	10.0	2100.0	28.8	3229.2	826.	0.45	0.45	0.59	15.5
126	1 1	0.0	1290.0	109.1	2699.8	793.	1.55	1.55	0.56	14.2

AFLUENTE SAN MIGUEL

127	1 1	40.0	4000.0	0.1	4050.0	883.	0.00	0.00	0.62	17.4
128	1 1	20.0	2110.0	23.1	3900.6	873.	0.39	0.39	0.62	17.1
129	1 1	10.0	1850.0	47.1	3421.3	840.	0.75	0.75	0.60	16.0
130	1 1	0.0	1265.0	81.6	2862.7	804.	1.19	1.19	0.57	14.5

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE GANSUL

131	1 1	18.0	3740.0	0.5	3800.0	866.	0.01	0.01	0.61	16.9
132	1 1	10.0	2230.0	33.5	2864.2	802.	0.49	0.49	0.58	14.6
133	1 1	0.0	1160.0	87.9	2378.9	773.	1.17	1.17	0.54	13.3

AFLUENTE LAVASEN

134	1 1	29.0	4020.0	2.1	4050.0	883.	0.04	0.04	0.62	17.4
135	1 1	20.0	3100.0	51.2	3791.1	865.	0.86	0.86	0.61	16.8
136	1 1	10.0	1860.0	157.6	3311.0	832.	2.48	2.48	0.60	15.7
137	1 1	0.0	1115.0	213.0	3167.7	822.	3.27	3.27	0.59	15.4

AFLUENTE CHUSGON

138	1 1	81.0	4160.0	0.5	4200.0	893.	0.01	0.01	0.63	17.8
139	1 1	70.0	3190.0	27.9	4028.1	882.	0.49	0.49	0.62	17.4
140	1 1	60.0	2660.0	157.9	3758.0	863.	2.65	2.65	0.61	16.8
141	1 1	50.0	2390.0	473.9	3692.6	858.	7.87	7.87	0.61	16.6
142	1 1	40.0	2030.0	695.7	3494.1	845.	11.24	11.24	0.60	16.2
143	1 1	30.0	1770.0	879.1	3395.6	838.	14.00	14.00	0.60	15.9
144	1 1	20.0	1380.0	1072.5	3237.7	828.	16.65	16.65	0.59	15.5
145	1 1	10.0	1210.0	1089.3	3225.4	827.	16.88	16.88	0.59	15.5
146	1 1	0.0	1075.0	1171.6	3135.8	821.	17.88	17.88	0.59	15.3

AFLUENTE CHON CHON

147	1 1	28.0	3750.0	1.6	3900.0	873.	0.03	0.03	0.62	17.1
148	1 1	20.0	2600.0	37.7	3651.0	856.	0.62	0.62	0.61	16.5
149	1 1	10.0	1530.0	153.6	3183.9	823.	2.37	2.37	0.59	15.4
150	1 1	0.0	1040.0	183.8	2942.7	808.	2.79	2.79	0.58	14.8

AFLUENTE SUTE

151	1 1	35.0	3730.0	4.4	3750.0	862.	0.07	0.07	0.61	16.7
152	1 1	30.0	3430.0	19.3	3711.4	860.	0.32	0.32	0.61	16.7
153	1 1	20.0	2350.0	114.4	3631.3	854.	1.88	1.88	0.61	16.5
154	1 1	10.0	1550.0	274.8	3344.5	834.	4.34	4.34	0.60	15.8
155	1 1	0.0	992.0	312.6	3175.9	824.	4.80	4.80	0.59	15.4

AFLUENTE YANGAS SUP

156	1 1	50.0	4200.0	10.0	4600.0	918.	0.18	0.18	0.62	17.9
157	1 1	35.0	3550.0	40.0	4399.7	905.	0.70	0.70	0.61	17.5

AFLUENTE YANGAS INF

157	1 1	35.0	3550.0	40.0	4399.7	905.	0.70	0.70	0.61	17.5
158	1 1	0.0	759.0	1000.0	1462.4	718.	10.64	10.64	0.47	10.6

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO ALTO MARANON 1/17/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	KM	M	MM	M /S	M /S	(-)	L/S/KM
AFLUENTE A MARANON S										
159	1 1	715.0	3845.0	164.0	4595.0	918.	3.05	3.05	0.64	18.6
160	1 1	690.0	3570.0	730.3	4332.1	901.	13.17	13.17	0.63	18.0
161	1 1	670.0	3380.0	971.7	4236.2	895.	17.32	17.32	0.63	17.8
162	1 1	662.0	3300.0	1012.2	4210.2	893.	17.99	17.99	0.63	17.8
7+162		662.0	3300.0	1826.8	4256.5	896.	32.64	32.64	0.63	17.9
163	1 1	647.0	3170.0	2026.0	4219.0	894.	36.04	36.04	0.63	17.8
164	1 1	637.0	3090.0	2274.2	4175.9	891.	40.23	40.23	0.63	17.7
165	1 1	627.0	3035.0	2439.3	4139.4	888.	42.96	42.96	0.63	17.6
166	1 1	622.0	3000.0	2597.2	4110.1	886.	45.57	45.57	0.62	17.5
167	1 1	612.0	2960.0	2754.7	4092.9	885.	48.23	48.23	0.62	17.5
35+167		612.0	2960.0	4393.7	4037.1	835.	76.97	76.97	0.62	17.5
168	1 1	603.0	2940.0	4548.6	4030.1	835.	79.52	79.52	0.62	17.5
169	1 1	601.0	2840.0	4686.4	4073.1	884.	81.86	81.86	0.62	17.5
170	1 1	592.0	2760.0	5156.4	4052.7	883.	89.84	89.84	0.62	17.4
171	1 1	582.0	2710.0	5423.9	4045.5	882.	94.42	94.42	0.62	17.4
172	1 1	572.0	2610.0	5653.4	4030.7	881.	98.22	98.22	0.62	17.4
38+172		572.0	2610.0	5819.7	4029.1	881.	101.09	101.09	0.62	17.4
173	1 1	565.0	2450.0	5856.4	4024.0	881.	101.66	101.66	0.62	17.4
40+173		565.0	2450.0	5965.4	4016.8	880.	103.46	103.46	0.62	17.3
174	1 1	560.0	2410.0	5939.6	4012.9	880.	103.82	103.82	0.62	17.3
175	1 1	550.0	2360.0	6146.1	3995.0	879.	106.28	106.28	0.62	17.3
176	1 1	540.0	2275.0	6273.1	3975.5	877.	108.20	108.20	0.62	17.2
177	1 1	526.0	2090.0	6412.0	3957.6	876.	110.33	110.33	0.62	17.2
74+177		526.0	2090.0	9192.6	3938.9	875.	157.75	157.75	0.62	17.2
178	1 1	520.0	2060.0	9249.2	3932.7	874.	158.59	158.59	0.62	17.1
179	1 1	512.0	2030.0	9346.2	3923.7	874.	160.06	160.06	0.62	17.1
78+179		512.0	2030.0	9531.5	3914.0	873.	163.02	163.02	0.62	17.1
180	1 1	500.0	1975.0	9647.0	3904.2	873.	164.78	164.78	0.62	17.1
181	1 1	487.0	1930.0	9311.1	3892.7	872.	167.32	167.32	0.62	17.1
182	1 1	480.0	1910.0	9363.7	3886.8	871.	168.08	168.08	0.62	17.0
90+182		480.0	1910.0	12226.2	3881.0	871.	203.14	203.14	0.62	17.0
183	1 1	470.0	1860.0	12517.6	3872.7	870.	212.87	212.87	0.62	17.0
184	1 1	462.0	1830.0	12714.7	3862.2	870.	215.92	215.92	0.62	17.0
185	1 1	452.0	1805.0	12794.0	3855.4	869.	217.06	217.06	0.62	17.0
102+185		452.0	1805.0	12984.0	3848.1	869.	220.06	220.06	0.62	16.9
186	1 1	437.0	1740.0	13143.9	3839.6	868.	222.52	222.52	0.62	16.9
107+186		437.0	1740.0	13575.8	3826.6	867.	229.43	229.43	0.61	16.9
187	1 1	430.0	1709.0	13705.8	3818.4	867.	231.37	231.37	0.61	16.9
114+187		430.0	1709.0	14669.7	3795.2	865.	246.86	246.86	0.61	16.8
133	1 1	400.0	1620.0	15239.7	3737.9	861.	254.29	254.29	0.61	16.7
123+133		400.0	1620.0	15739.6	3727.4	861.	262.25	262.25	0.61	16.7
189	1 1	380.0	1540.0	15789.6	3722.0	860.	262.87	262.87	0.61	16.6
190	1 1	370.0	1490.0	16004.8	3707.1	859.	265.87	265.87	0.61	16.6
191	1 1	360.0	1440.0	16207.8	3697.7	859.	268.89	268.89	0.61	16.6
192	1 1	350.0	1335.0	16454.8	3690.2	858.	272.71	272.71	0.61	16.6
193	1 1	340.0	1325.0	16859.9	3674.1	857.	278.81	278.81	0.61	16.5
194	1 1	332.0	1290.0	17012.5	3667.8	857.	281.09	281.09	0.61	16.5
126+194		332.0	1290.0	17121.6	3661.7	856.	282.63	282.63	0.61	16.5
195	1 1	325.0	1265.0	17158.0	3658.2	856.	283.09	283.09	0.61	16.5
130+195		325.0	1265.0	17239.6	3654.4	856.	284.27	284.27	0.61	16.5
196	1 1	320.0	1240.0	17305.4	3650.6	855.	285.20	285.20	0.61	16.5

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M / S	3 M / S	(-)	2 L/S/KM

AFLUENTE A MARANON S (cont.)

197	1 1	310.0	1190.0	17501.7	3638.8	855.	287.93	287.93	0.61	16.5
198	1 1	298.0	1160.0	17696.8	3625.6	854.	290.57	290.57	0.61	16.4
133+198		298.0	1160.0	17784.7	3619.5	853.	291.74	291.74	0.61	16.4
199	1 1	285.0	1115.0	17954.7	3607.5	853.	294.00	294.00	0.61	16.4
137+199		285.0	1115.0	18167.7	3602.4	852.	297.27	297.27	0.61	16.4
200	1 1	270.0	1075.0	18524.0	3582.6	851.	302.21	302.21	0.60	16.3
146+200		270.0	1075.0	19695.6	3556.0	849.	320.09	320.09	0.60	16.3
201	1 1	255.0	1045.0	19890.5	3543.6	848.	322.65	322.65	0.60	16.2
150+201		255.0	1045.0	20079.3	3538.0	848.	325.44	325.44	0.60	16.2
202	1 1	250.0	1035.0	20097.6	3535.9	848.	325.62	325.62	0.60	16.2
203	1 1	237.0	1015.0	20287.2	3523.7	847.	365.28	328.08	0.60	16.2
204	1 1	227.0	992.0	20367.2	3517.5	847.	366.25	329.05	0.60	16.2
155+204		227.0	992.0	20679.8	3512.3	846.	371.05	333.85	0.60	16.1
205	1 1	210.0	893.0	22139.8	3417.4	840.	389.34	352.14	0.60	15.9
206	1 1	160.0	759.0	23359.8	3345.4	836.	404.52	367.32	0.59	15.7
158+206		160.0	759.0	24359.8	3268.1	831.	415.15	377.95	0.59	15.5
207	1 1	100.0	595.0	26019.8	3180.5	825.	482.50	397.90	0.58	15.3
208	1 1	65.0	495.0	27359.8	3093.2	820.	496.60	412.00	0.58	15.1

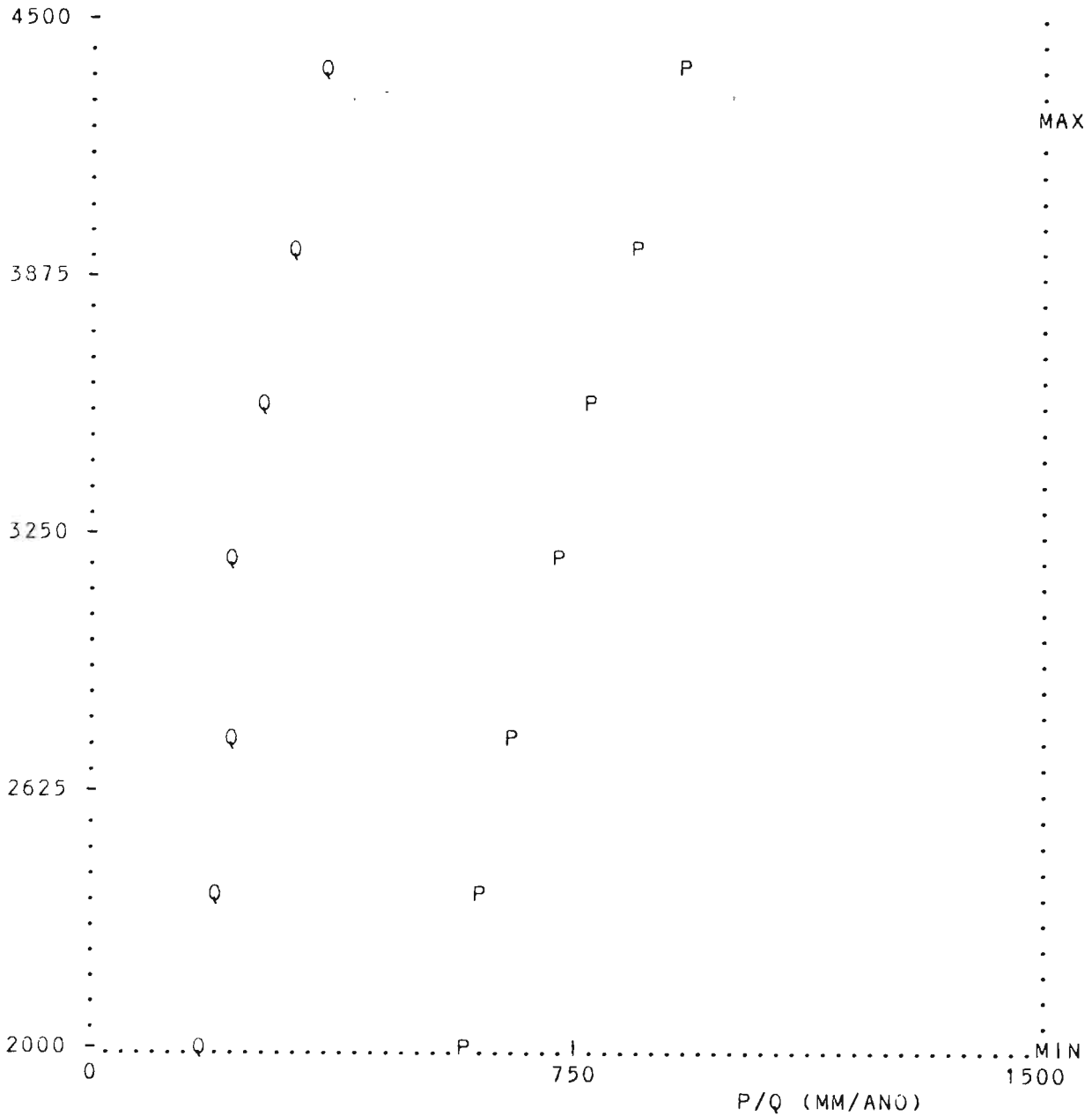
AFLUENTE A MARANON I

208	1 1	65.0	495.0	27359.8	3093.2	820.	496.60	412.00	0.58	15.1
209	1 1	40.0	425.0	27769.8	3066.7	818.	615.49	415.99	0.58	15.0
210	1 1	0.0	359.0	28499.8	3008.6	815.	743.10	422.10	0.57	14.8

- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT = COEFICIENTE DE ESCURRIMIENTO DE TODA LA CUENCA HASTA EL PUNTO
- RQT = RENDIMIENTO DE TODA LA CUENCA HASTA EL PUNTO
- RP = REGIMEN DE PRECIPITACION
- RE = REGIMEN DE ESCURRIMIENTO

\*\*\*\*\*  
 \* CUENCA DEL RIO CRISNEJAS : REGIMEN # 1 \*  
 \* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) \*  
 \* AMAX = 4275. : AMIN = 2022. \*  
 \*\*\*\*\*

ALTURA (M.S.N.M.)



A :	1500	2000	2400	2800	3200	3600	4000	4400	4800	5000
Q :	200	200	210	230	250	290	340	400	480	500
P :	600	620	650	700	760	820	890	960	1050	1060
K :	.333	.323	.323	.329	.329	.354	.382	.417	.457	.472

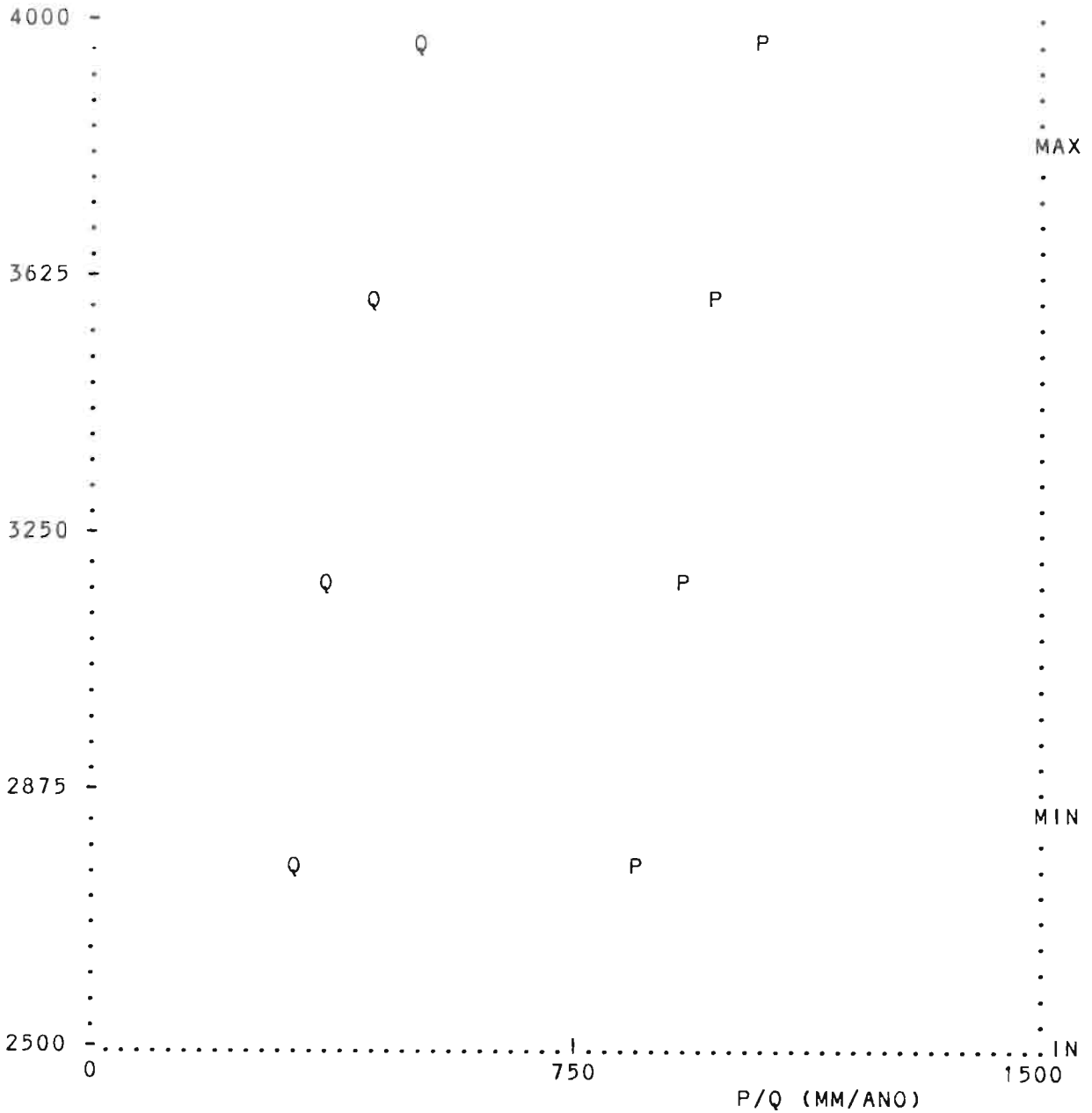


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* CUENCA DEL RIO CRISNEJAS : REGIMEN # 2 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 3850. : AMIN = 2847. *
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ALTURA (M.S.N.M.)



A :	1500	2000	2400	2800	3200	3600	4000	4400	4800	5000
Q :	280	280	320	350	400	470	550	620	700	720
P :	750	800	850	900	960	1020	1080	1150	1220	1230
K :	.373	.350	.376	.389	.417	.461	.509	.539	.574	.585

1	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE TRES CRUCES

1	1 1	6.0	3750.0	2.0	3750.0	846.	0.02	0.02	0.37	10.0
2	1 1	0.0	3407.0	9.6	3684.3	835.	0.09	0.09	0.37	9.7

AFLUENTE CONACHUGO

3	1 1	11.0	3930.0	1.2	4010.0	892.	0.01	0.01	0.39	11.1
4	1 1	0.3	3407.0	34.3	3847.9	863.	0.36	0.36	0.38	10.4
2+	4	0.3	3407.0	43.9	3812.1	857.	0.45	0.45	0.38	10.3
5	1 1	0.0	3400.0	44.2	3811.3	857.	0.45	0.45	0.38	10.3

AFLUENTE CHICHIRCUCHO

6	1 1	13.0	3450.0	0.7	3600.0	820.	0.01	0.01	0.36	9.4
7	1 1	0.0	2700.0	76.8	3316.6	777.	0.65	0.65	0.34	8.5

AFLUENTE HUAYRO

8	1 1	32.0	4085.0	0.8	4219.0	928.	0.01	0.01	0.41	12.1
9	1 1	22.0	3380.0	50.8	3849.9	864.	0.53	0.53	0.38	10.4
10	1 1	12.0	2980.0	115.4	3665.2	833.	1.12	1.12	0.37	9.7
11	1 1	2.0	2700.0	182.2	3594.8	821.	1.72	1.72	0.36	9.4
7+	11	2.0	2700.0	259.0	3512.3	808.	2.37	2.37	0.36	9.2
12	1 1	0.0	2665.0	261.1	3505.6	807.	2.39	2.39	0.36	9.1

AFLUENTE QDAONDA

13	1 1	9.0	3500.0	0.7	3635.0	826.	0.01	0.01	0.36	9.5
14	1 1	0.0	3025.0	37.8	3349.4	782.	0.32	0.32	0.35	8.6

AFLUENTE CUEVAS

15	1 1	18.0	3900.0	0.9	3950.0	881.	0.01	0.01	0.39	10.8
16	1 1	7.0	3025.0	23.7	3516.1	808.	0.22	0.22	0.36	9.1
14+	16	7.0	3025.0	61.5	3413.6	792.	0.54	0.54	0.35	8.8
17	1 1	0.0	2500.0	117.1	3185.0	758.	0.97	0.97	0.34	8.3

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO CRISNEJAS

2/ 9/79

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE HUAMACHUCO

18	1 1	22.0	4070.0	1.3	4122.0	911.	0.02	0.02	0.40	11.6
19	1 1	3.0	2500.0	51.2	3876.4	868.	0.54	0.54	0.38	10.5
17+ 19		3.0	2500.0	168.3	3395.3	791.	1.51	1.51	0.36	9.0
20	1 1	0.0	2375.0	179.5	3362.9	786.	1.59	1.59	0.36	8.9

AFLUENTE LANLA

21	1 1	25.0	3455.0	3.1	3923.0	877.	0.03	0.03	0.39	10.7
22	1 1	10.0	2550.0	104.3	3448.5	798.	0.93	0.93	0.35	8.9
23	1 1	0.0	2130.0	161.2	3287.0	773.	1.37	1.37	0.35	8.5

AFLUENTE HUACADAY

24	1 1	13.0	4050.0	3.3	4100.0	907.	0.04	0.04	0.40	11.5
25	1 1	0.0	2780.0	76.1	3660.9	831.	0.73	0.73	0.37	9.7

AFLUENTE CULLHUAN

26	1 1	21.0	4000.0	0.6	4100.0	907.	0.01	0.01	0.40	11.5
27	1 1	10.0	3050.0	36.3	3538.4	811.	0.33	0.33	0.36	9.2
28	1 1	0.0	2250.0	90.8	3534.0	810.	0.83	0.83	0.36	9.2

AFLUENTE MARABAMBA

29	1 1	21.0	4200.0	0.5	4275.0	938.	0.01	0.01	0.42	12.4
30	1 1	10.0	2950.0	35.6	3553.3	813.	0.33	0.33	0.36	9.3
31	1 1	0.0	2180.0	89.8	3177.1	757.	0.75	0.75	0.35	8.3

AFLUENTE CHIMIN

32	1 1	42.0	3640.0	0.7	3814.0	857.	0.01	0.01	0.38	10.3
33	1 1	29.0	3170.0	115.0	3186.8	758.	0.93	0.93	0.34	8.1
34	1 1	19.0	2780.0	178.1	3325.4	779.	1.52	1.52	0.35	8.5
25+ 34		19.0	2780.0	254.2	3425.9	794.	2.25	2.25	0.35	8.9
35	1 1	13.0	2250.0	290.3	3414.6	793.	2.56	2.56	0.35	8.8
28+ 35		13.0	2250.0	381.1	3443.0	797.	3.40	3.40	0.35	8.9
36	1 1	10.0	2180.0	387.2	3430.3	795.	3.44	3.44	0.35	8.9
31+ 36		10.0	2180.0	477.0	3382.6	788.	4.19	4.19	0.35	8.8
37	1 1	0.0	2025.0	515.2	3316.3	778.	4.45	4.45	0.35	8.6

AFLUENTE MALCA

38	1 1	13.0	3000.0	3.6	3346.0	782.	0.03	0.03	0.35	8.6
39	1 1	0.0	2020.0	52.9	2610.7	677.	0.38	0.38	0.33	7.2

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE AZUFRE

40	1 1	16.0	4050.0	0.9	4100.0	907.	0.01	0.01	0.30	8.7
41	1 1	10.0	3650.0	21.1	3906.6	874.	0.17	0.17	0.29	8.1
42	1 1	0.0	2890.0	67.0	3613.0	824.	0.48	0.48	0.28	7.2

AFLUENTE PACCHA

43	1 1	13.0	4050.0	3.2	4075.0	903.	0.03	0.03	0.30	8.7
44	1 1	0.0	2887.0	54.0	3550.1	813.	0.38	0.38	0.27	7.0

AFLUENTE CALLEJON

45	1 1	17.0	3900.0	0.5	4050.0	899.	0.00	0.00	0.30	8.6
46	1 1	10.0	3300.0	23.0	3722.3	841.	0.17	0.17	0.23	7.5
47	1 1	0.0	2780.0	67.1	3457.9	800.	0.46	0.46	0.27	6.8

AFLUENTE PORCON

48	1 1	23.0	3700.0	1.5	3725.0	842.	0.01	0.01	0.28	7.5
49	1 1	13.0	2780.0	75.9	3360.4	784.	0.50	0.50	0.26	6.6
47+ 49		13.0	2780.0	143.0	3406.1	791.	0.96	0.96	0.27	6.7
50	1 1	0.0	2640.0	314.9	3531.8	780.	2.04	2.04	0.26	6.5

AFLUENTE LAS QUINUAS

51	2 2	9.0	3300.0	5.1	3850.0	1057.	0.11	0.11	0.64	21.5
52	2 2	0.0	2930.0	24.5	3547.5	1012.	0.47	0.47	0.59	19.1

AFLUENTE TAMBOMAYO

53	2 2	12.5	3650.0	4.6	3800.0	1050.	0.10	0.10	0.63	21.1
54	2 2	1.5	2930.0	44.1	3505.3	1006.	0.93	0.93	0.59	18.8
52+ 54		1.5	2930.0	68.6	3520.4	1008.	1.29	1.29	0.59	18.9
55	2 2	0.0	2945.0	71.5	3501.1	1005.	1.34	1.34	0.59	18.7

AFLUENTE MATARA SUP

56	2 2	8.0	2840.0	8.3	3149.0	952.	0.11	0.11	0.44	13.3
57	2 2	2.0	2680.0	99.8	3277.4	972.	1.40	1.40	0.46	14.0

AFLUENTE MATARA INF

57	2 2	2.0	2680.0	99.8	3277.4	972.	1.40	1.40	0.46	14.0
58	2 2	0.0	2655.0	113.6	3225.1	964.	1.54	1.54	0.44	13.6

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2 KM	M	MM	3 M /S	3 M /S	(-)	2 L/S/KM

AFLUENTE SECO

59	1 1	16.0	3875.0	7.3	3963.0	884.	0.07	0.07	0.35	9.9
60	1 1	2.0	2655.0	47.8	3531.7	811.	0.40	0.40	0.33	3.4
58+ 60		2.0	2655.0	161.4	3315.9	919.	1.94	1.94	0.41	12.0
61	1 1	0.0	2605.0	169.9	3298.6	909.	2.00	2.00	0.41	11.8

AFLUENTE NAMORA °A°

62	1 1	34.0	3780.0	0.6	3900.0	872.	0.01	0.01	0.34	9.3
63	1 1	29.0	3280.0	24.2	3596.7	820.	0.20	0.20	0.32	8.3

AFLUENTE NAMORA °B°

63	1 1	29.0	3280.0	24.2	3596.7	820.	0.20	0.20	0.32	8.3
64	1 1	20.0	2945.0	52.3	3301.4	775.	0.48	0.48	0.37	9.2
55+ 64		20.0	2945.0	123.8	3416.7	908.	1.82	1.82	0.51	14.7
65	1 1	13.0	2800.0	198.6	3342.6	853.	2.60	2.60	0.48	13.1

AFLUENTE NAMORA °C°

65	1 1	13.0	2800.0	198.6	3342.6	853.	2.60	2.60	0.48	13.1
66	1 1	6.0	2605.0	241.2	3264.6	829.	1.89	2.89	0.46	12.0
61+ 66		6.0	2605.0	411.1	3278.7	862.	3.90	4.90	0.44	11.9
67	1 1	2.0	2450.0	426.4	3258.4	856.	4.00	5.00	0.43	11.7

AFLUENTE NAMORA °D°

67	1 1	2.0	2450.0	426.4	3258.4	856.	4.00	5.00	0.43	11.7
68	1 1	0.0	2347.0	429.4	3253.7	855.	4.02	5.02	0.43	11.7

AFLUENTE SHILAMALCA

69	1 1	17.0	3820.0	0.8	4144.0	915.	0.01	0.01	0.40	11.7
70	1 1	10.0	2825.0	15.4	3378.9	788.	0.13	0.13	0.35	8.7
71	1 1	0.0	2165.0	116.9	3009.1	731.	0.92	0.92	0.34	7.8

AFLUENTE MAYOC

72	1 1	29.0	3825.0	6.5	3905.0	873.	0.07	0.07	0.38	10.6
73	1 1	22.0	3470.0	58.1	3778.9	851.	0.59	0.59	0.38	10.1
74	1 1	12.0	2560.0	152.7	3504.5	807.	1.40	1.40	0.36	9.1
75	1 1	2.0	2165.0	211.8	3310.2	778.	1.84	1.84	0.35	9.7
71+ 75		2.0	2165.0	328.7	3203.1	761.	2.76	2.76	0.35	8.4
76	1 1	0.0	2160.0	334.5	3192.3	760.	2.80	2.80	0.35	8.4

I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	<sup>2</sup> KM	M	MM	<sup>3</sup> M /S	<sup>3</sup> M /S	(-)	<sup>2</sup> L/S/KM

AFLUENTE CHILCA

77	1 1	19.0	4050.0	0.7	4275.0	938.	0.01	0.01	0.42	12.4
78	1 1	10.0	2930.0	41.3	3631.1	825.	0.39	0.39	0.36	9.5
79	1 1	0.0	2150.0	82.9	3599.9	820.	0.78	0.78	0.36	9.4

AFLUENTE CAJAMARCA SU

80	1 1	100.1	3950.0	0.3	4050.0	899.	0.00	0.00	0.30	8.6
81	1 1	90.1	3355.0	54.7	3554.7	813.	0.38	0.38	0.27	7.0
82	1 1	80.1	2890.0	100.2	3529.4	809.	0.70	0.70	0.27	7.0
42+ 82		80.1	2890.0	167.2	3562.9	815.	1.18	1.18	0.27	7.1
83	1 1	80.0	2887.0	167.3	3562.5	815.	1.18	1.18	0.27	7.1
44+ 83		80.0	2887.0	221.3	3559.5	815.	1.56	1.56	0.27	7.1
84	1 1	74.0	2750.0	267.4	3486.5	804.	1.84	1.84	0.27	6.9
85	1 1	64.0	2640.0	307.8	3430.2	795.	2.09	2.09	0.27	6.8
50+ 85		64.0	2640.0	622.7	3380.5	788.	4.13	4.13	0.27	6.6
86	1 1	50.0	2490.0	752.1	3321.2	779.	4.90	4.90	0.26	6.5

AFLUENTE CAJAMARCA IN

86	1 1	50.0	2490.0	752.1	3321.2	779.	4.90	4.90	0.26	6.5
87	1 1	40.0	2347.0	839.9	3294.9	775.	5.59	5.59	0.27	6.7
68+ 87		40.0	2347.0	1269.3	3281.0	802.	9.61	10.61	0.33	8.4
88	1 1	24.0	2160.0	1355.9	3255.4	796.	10.27	11.27	0.33	8.3
76+ 88		24.0	2160.0	1690.4	3242.9	789.	13.07	14.07	0.33	8.3
89	1 1	20.0	2150.0	1694.8	3241.1	788.	13.10	14.10	0.33	8.3
79+ 89		20.0	2150.0	1777.7	3257.8	790.	13.88	14.88	0.33	8.4
90	1 1	10.0	2060.0	1885.6	3242.4	786.	14.72	15.72	0.33	8.3
91	1 1	0.0	1996.0	2010.0	3201.9	779.	15.60	16.60	0.33	8.3

AFLUENTE SHIRAE

92	1 1	17.0	3200.0	2.7	3600.0	820.	0.02	0.02	0.35	9.2
93	1 1	0.0	1380.0	86.2	2755.3	695.	0.62	0.62	0.33	7.2