

CARACTERÍSTICAS HIDROLÓGICAS DE LOS PUNTOS DEL RÍO HUAURA

12/17/78

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

AFLUENTE HUAURA B

34	146.0	4357.0	51.6	4833.4	1192.	0.83	0.83	0.43	16.1
35	141.0	4050.0	110.9	4810.5	1155.	1.85	1.85	0.45	16.7
36	131.0	3425.0	302.6	4711.3	1105.	5.05	5.05	0.48	16.7
37	128.5	3370.0	311.1	4687.7	1096.	5.14	5.14	0.48	16.5
7+ 37	128.5	3370.0	507.4	4532.4	1071.	9.18	8.58	0.50	16.9
38	123.0	3050.0	568.0	4534.8	1050.	10.00	9.40	0.50	16.5
39	113.0	2740.0	661.9	4516.7	1020.	11.21	10.61	0.50	16.0
40	103.0	2125.0	817.4	4382.1	966.	12.82	12.22	0.49	15.0
16+ 40	103.0	2125.0	1596.9	4351.1	950.	24.17	23.57	0.49	14.8
41	93.0	1760.0	1647.5	4316.9	938.	24.47	23.87	0.49	14.5
42	83.0	1400.0	1967.8	4275.3	919.	28.48	27.33	0.49	14.2
43	73.0	1175.0	2099.8	4194.0	892.	27.24	28.44	0.48	13.5
20+ 43	73.0	1175.0	2342.1	4165.3	880.	29.99	31.19	0.48	13.3
44	65.0	950.0	2430.0	4092.7	858.	30.10	31.30	0.47	12.9

AFLUENTE HUAURA C

44	65.0	950.0	2430.0	4092.7	858.	30.10	31.30	0.47	12.9
45	51.0	685.0	2612.9	3940.9	813.	31.30	32.50	0.48	12.4

AFLUENTE HUAURA D

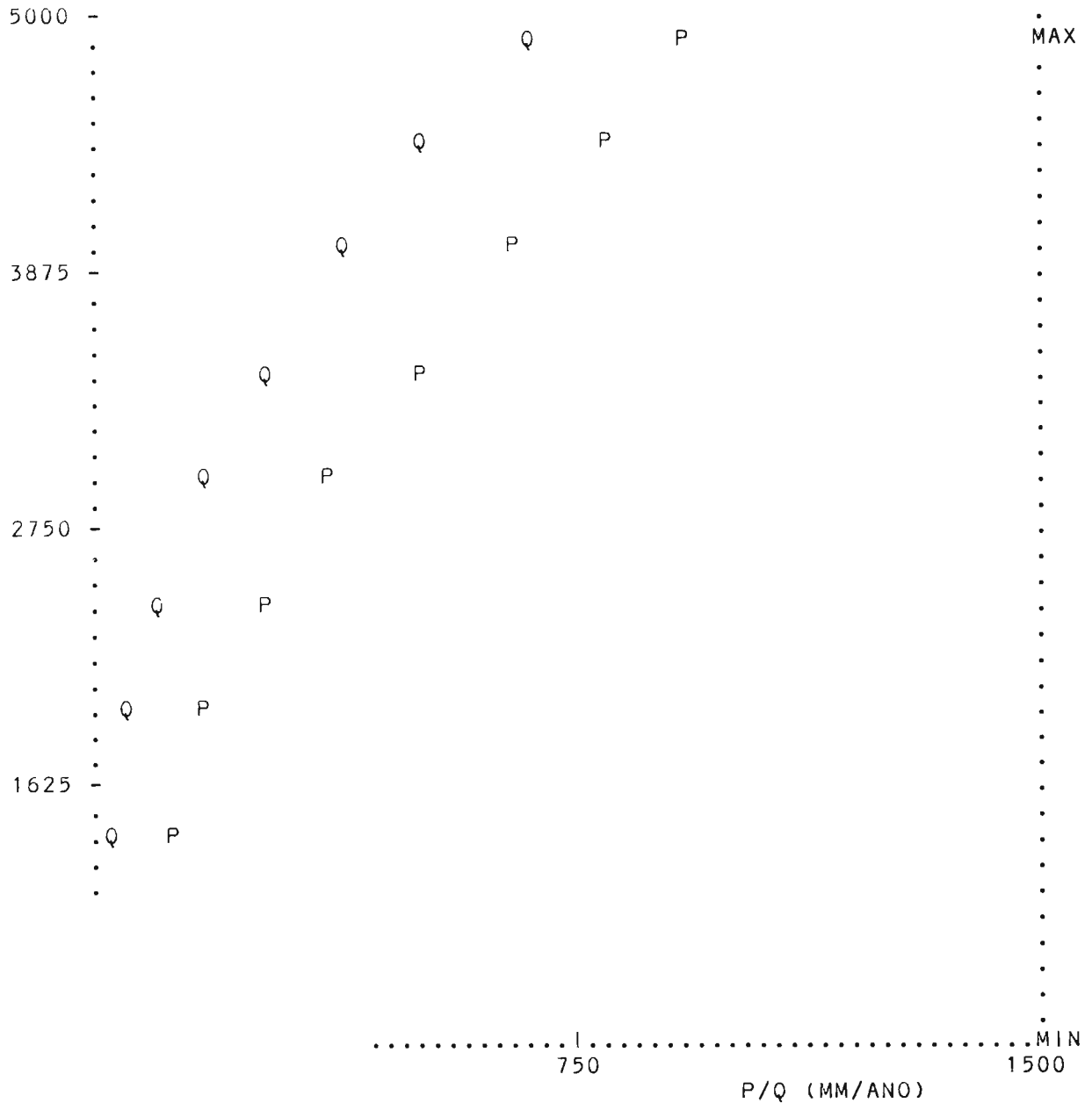
45	51.0	685.0	2612.9	3940.9	813.	31.30	32.50	0.48	12.4
46	50.0	665.0	2613.6	3940.1	813.	31.30	32.50	0.48	12.4
32+ 46	50.0	665.0	3502.7	3655.9	731.	33.52	35.72	0.44	10.2
47	49.5	640.0	3517.8	3646.0	729.	33.53	35.73	0.44	10.2
48	40.0	490.0	3633.3	3561.7	708.	32.61	35.81	0.44	9.9
49	30.0	365.0	3995.1	3359.1	656.	31.87	35.07	0.43	9.0
50	20.0	250.0	4185.0	3251.7	630.	30.99	36.19	0.43	8.6
51	0.0	0.0	4483.2	3061.4	592.	31.10	36.30	0.43	8.1

```

*****
* CUENCA DEL RIO CHANCAY : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4970. : AMIN = 531. *
*****

```

ALTURA (M.S.N.M.)



0	2500	3000	3500	4000	4500	5000	5500	5999
8	116	186	282	404	548	701	770	850
0	280	390	540	700	850	960	1030	1100
8	.414	.477	.522	.577	.645	.730	.748	.773

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO CHANCAY

12/17/78

I	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 BANOS

1	24.0	4500.0	7.3	4950.0	949.	0.13	0.13	0.58	17.4
2	10.0	3900.0	113.8	4770.3	909.	1.82	1.82	0.56	16.0
3	0.0	2750.0	274.4	4650.2	883.	4.14	4.14	0.54	15.1

AFLUENTE QUIMAN

4	22.0	4700.0	1.4	4837.0	924.	0.02	0.02	0.56	16.5
5	10.0	3600.0	62.8	4693.3	893.	0.97	0.97	0.55	15.4
6	0.0	2350.0	136.1	4482.0	837.	1.88	1.88	0.52	13.8

AFLUENTE CARAC

7	29.0	4725.0	0.8	4875.0	932.	0.01	0.01	0.57	16.8
8	19.0	4025.0	44.3	4673.7	888.	0.68	0.68	0.54	15.3
9	9.0	2350.0	121.1	4169.1	744.	1.41	1.41	0.49	11.6
6+ 9	9.0	2350.0	257.2	4334.7	794.	3.29	3.29	0.51	12.8
10	0.0	1575.0	294.8	4175.5	745.	3.48	3.48	0.50	11.8

AFLUENTE ANASMAYO

11	26.0	4575.0	4.9	4688.0	891.	0.08	0.08	0.54	15.4
12	20.0	3800.0	26.6	4603.2	873.	0.39	0.39	0.53	14.7
13	10.0	2175.0	141.0	3825.8	640.	1.31	1.31	0.46	9.3
14	0.0	1190.0	204.8	3407.1	527.	1.50	1.50	0.44	7.3

AFLUENTE HUATAYO

15	31.0	4650.0	0.5	4725.0	899.	0.01	0.01	0.55	15.7
16	20.0	2950.0	51.0	4306.1	792.	0.64	0.64	0.50	12.5
17	10.0	1800.0	98.2	3701.4	606.	0.87	0.87	0.46	8.9
18	0.0	920.0	133.7	3305.9	505.	0.95	0.95	0.44	7.1

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO CHANCAY

12/17/78

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

AFLUENTE CHANCAY A

19	111.0	4600.0	31.3	4970.0	953.	0.55	0.55	0.58	17.6
20	106.0	4300.0	35.7	4951.8	949.	0.62	0.62	0.58	17.4
21	96.0	3500.0	88.0	4768.3	909.	1.41	1.41	0.56	16.0
22	86.0	2750.0	321.7	4510.9	847.	4.52	4.52	0.52	14.0
3+ 22	86.0	2750.0	596.1	4575.0	864.	8.66	8.66	0.53	14.5
23	77.0	2150.0	780.7	4429.6	822.	10.51	10.51	0.52	13.5
24	67.0	1575.0	864.8	4353.0	799.	11.18	11.18	0.51	12.9
10+ 24	67.0	1575.0	1159.6	4307.9	785.	14.66	14.66	0.51	12.6
25	58.0	1190.0	1308.3	4181.4	747.	15.51	15.51	0.50	11.9
14+ 25	58.0	1190.0	1513.1	4076.6	717.	17.01	17.01	0.49	11.2
26	49.0	920.0	1613.5	3953.1	686.	16.50	17.20	0.49	10.7
18+ 26	49.0	920.0	1747.2	3903.6	672.	17.46	18.16	0.49	10.4
27	39.0	625.0	1831.5	3801.5	648.	17.70	18.40	0.49	10.0

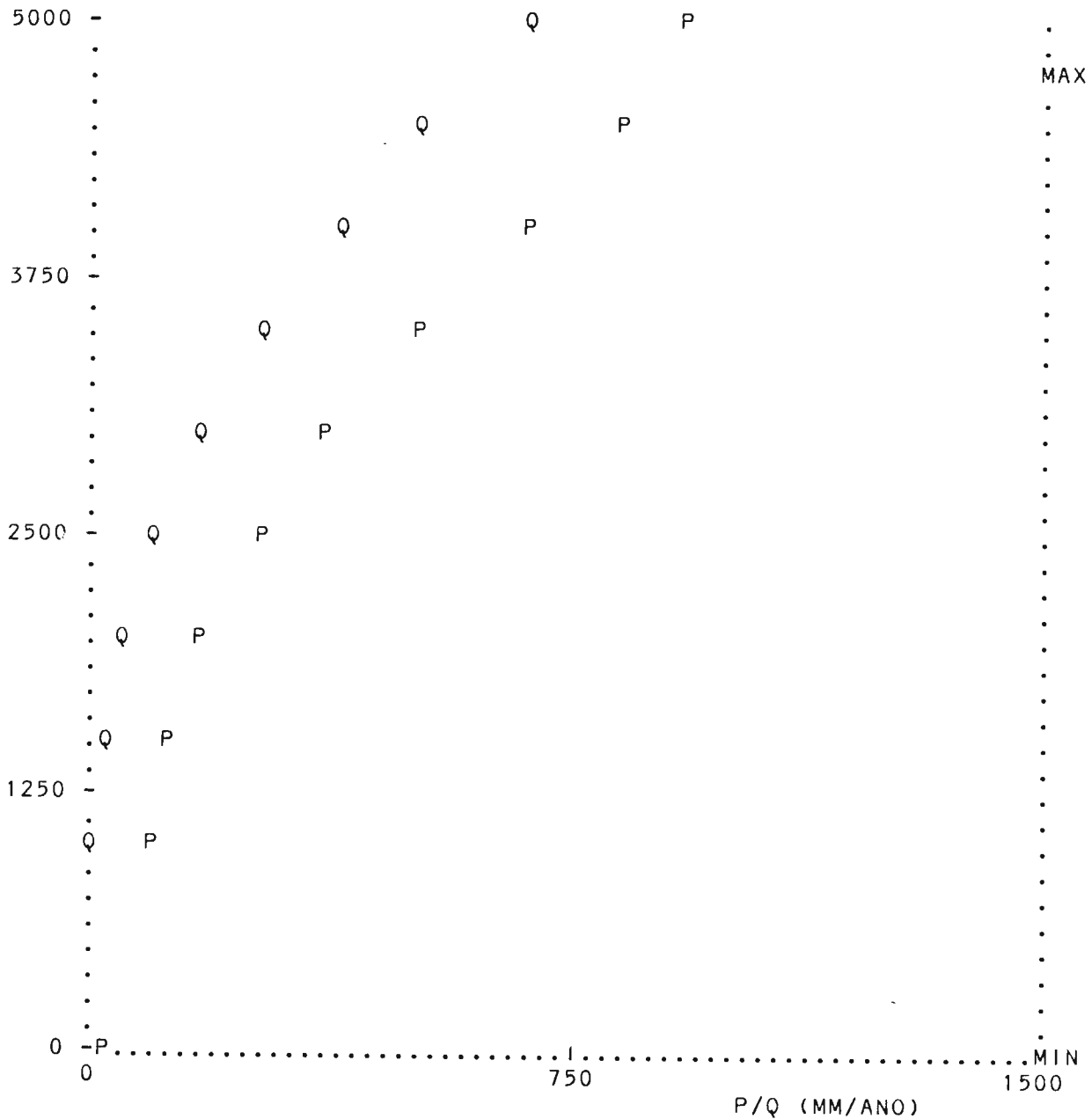
AFLUENTE CHANCAY B

27	39.0	625.0	1831.5	3801.5	648.	17.70	18.40	0.49	10.0
28	20.0	280.0	2904.5	3015.6	467.	19.35	20.05	0.47	6.9
29	0.0	0.0	3382.1	2664.7	410.	19.54	20.24	0.46	6.0

- 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

 * CUENCA DEL RIO CHILLON : REGIMEN # 1 *
 * CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
 * AMAX = 4827. : AMIN = 106. *

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	4	20	38	68	116	186	282	404	548	701	770	850
P :	25	100	140	190	280	390	540	700	850	960	1030	1100
K :	.160	.200	.271	.358	.414	.477	.522	.577	.645	.730	.748	.773

CARACTERÍSTICAS HIDROLÓGICAS DE LOS PUNTOS DEL RÍO CHILLÓN

12/17/78

I	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
	KM	M	KM	M	MM	M / S	M / S	(-)	L/S/KM
=====									
AFLUENTE YAMECOTU									
=====									
1	12.0	4750.0	1.1	4750.0	905.	0.03	0.03	1.07	30.7
2	0.0	5100.0	53.7	4486.5	346.	1.44	1.44	1.00	26.7
=====									
AFLUENTE QBA HUAUCHO									
=====									
3	15.0	4625.0	2.5	4792.0	914.	0.04	0.04	0.57	16.5
4	10.0	4200.0	25.0	4551.7	861.	0.36	0.36	0.53	14.6
5	0.0	2548.0	59.5	4193.8	757.	0.71	0.71	0.50	12.0
=====									
AFLUENTE QBA UCANAN									
=====									
6	19.0	4400.0	1.2	4543.0	351.	0.02	0.02	0.53	14.6
7	10.0	2850.0	21.4	3736.2	615.	0.19	0.19	0.45	8.8
8	0.0	1500.0	62.4	3035.6	430.	0.35	0.35	0.41	5.6
=====									
AFLUENTE QUISQUICHACA									
=====									
9	41.0	4450.0	2.3	4732.0	901.	0.04	0.04	0.56	16.0
10	30.0	3650.0	63.5	4332.1	814.	0.84	0.84	0.52	13.3
11	20.0	2925.0	150.1	4233.8	770.	1.83	1.83	0.50	12.2
12	10.0	1700.0	249.0	4065.9	718.	2.25	2.75	0.48	11.0
13	0.0	1140.0	402.6	3748.9	620.	3.16	3.66	0.46	9.1
=====									
AFLUENTE CHILLÓN A									
=====									
14	124.0	4600.0	2.4	4827.0	922.	0.03	0.03	0.49	14.3
15	119.0	4548.0	33.8	4730.6	912.	0.47	0.47	0.49	14.0
16	109.0	3980.0	115.1	4651.6	883.	1.51	1.51	0.47	13.2
17	99.0	3200.0	201.7	4536.7	854.	2.50	2.50	0.46	12.4
=====									

I	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 CHILLON B

17	99.0	3200.0	201.7	4536.7	854.	2.50	2.50	0.46	12.4
18	94.0	3100.0	217.1	4489.1	840.	2.78	2.78	0.48	12.8
2+ 18	94.0	3100.0	270.8	4488.6	841.	4.22	4.22	0.58	15.6
19	89.0	2700.0	311.4	4392.2	812.	4.90	4.90	0.61	15.7

AFLUENTE CHILLON C

19	89.0	2700.0	311.4	4392.2	812.	4.90	4.90	0.61	15.7
20	86.0	2548.0	331.2	4323.4	791.	5.02	5.02	0.60	15.2
5+ 20	83.0	2548.0	390.7	4304.4	736.	5.73	5.73	0.59	14.7
21	78.0	2000.0	466.9	4173.0	746.	6.29	6.29	0.57	13.5
22	68.0	1500.0	604.2	3876.9	659.	6.88	6.88	0.55	11.4
3+ 22	68.0	1500.0	666.6	3802.8	637.	7.23	7.23	0.54	10.8
23	58.0	1170.0	718.1	3686.5	607.	7.34	7.34	0.53	10.2
24	57.0	1140.0	730.5	3653.7	600.	6.86	7.36	0.53	10.1
13+ 24	57.0	1140.0	1133.1	3687.5	607.	10.03	11.03	0.51	9.7
25	54.0	1050.0	1165.3	3652.9	593.	9.42	11.12	0.50	9.5
26	51.0	950.0	1207.5	3598.1	584.	9.50	11.20	0.50	9.3

AFLUENTE CHILLON D

26	51.0	950.0	1207.5	3598.1	584.	9.50	11.20	0.50	9.3
27	47.0	820.0	1467.1	3323.1	516.	10.09	11.79	0.49	8.0
28	34.0	470.0	1707.2	3044.6	461.	10.34	12.04	0.48	7.1
29	21.0	295.0	1919.9	2843.5	423.	10.53	12.23	0.47	6.4
30	11.0	125.0	2159.1	2645.7	388.	10.70	12.40	0.47	5.7
31	1.0	30.0	2300.1	2507.0	367.	10.74	12.44	0.46	5.4
32	0.0	0.0	2321.6	2484.7	364.	10.75	12.45	0.46	5.4

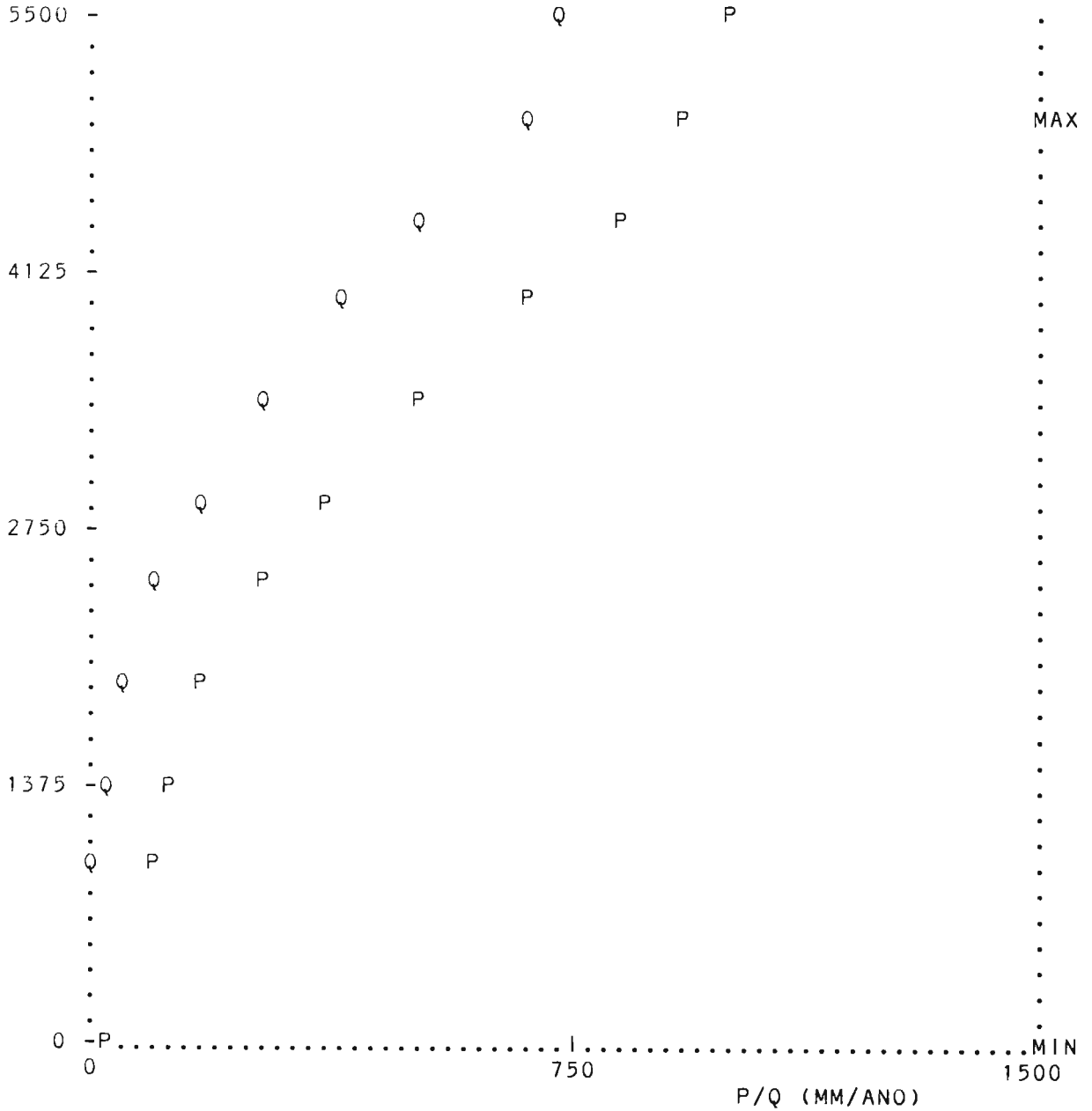
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT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

```

*****
* CUENCA DEL RIO RIMAC : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 5001. : AMIN = 15. *
*****

```

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	4	20	38	68	116	186	282	404	548	701	770	850
P :	25	100	140	190	280	390	540	700	850	960	1030	1100
K :	.160	.200	.271	.358	.414	.477	.522	.577	.645	.730	.748	.773

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 RIO BLANCO 1

1	1 1	33.0	4900.0	1.7	4900.0	938.	0.05	0.05	0.97	28.8
2	1 1	32.0	4800.0	43.9	4851.9	927.	1.23	1.23	0.96	28.1
3	1 1	21.0	4295.0	89.3	4927.7	944.	2.60	2.60	0.97	29.1

AFLUENTE RIO BLANCO 2

3	1 1	21.0	4295.0	89.3	4927.7	944.	2.60	2.60	0.97	29.1
4	1 1	11.0	4120.0	143.3	4933.9	945.	4.73	2.73	0.64	19.1
5	1 1	1.0	3600.0	212.0	4839.9	925.	3.10	1.10	0.18	5.2

AFLUENTE RIO BLANCO 3

5	1 1	1.0	3600.0	212.0	4839.9	925.	3.10	1.10	0.18	5.2
6	1 1	0.0	3570.0	246.4	4750.0	902.	4.24	2.24	0.32	9.1

AFLUENTE RIO PARAC

7	1 1	20.0	4650.0	1.2	4825.0	921.	0.02	0.02	0.62	18.2
8	1 1	10.0	4025.0	77.7	4276.6	783.	1.06	1.06	0.55	13.6
9	1 1	0.0	3170.0	129.8	4291.2	787.	1.78	1.78	0.55	13.7

AFLUENTE CANCHACALLA

10	1 1	21.0	4600.0	1.0	4600.0	872.	0.03	0.03	1.14	31.4
11	1 1	10.0	2350.0	11.5	4038.7	726.	0.27	0.27	1.01	23.3
12	1 1	0.0	1200.0	86.3	3406.8	513.	1.26	1.26	0.90	14.6

AFLUENTE RIO SUNCHÁ

13	1 1	20.0	4680.0	6.5	4800.0	916.	0.05	0.05	0.29	8.3
14	1 1	10.0	4225.0	34.3	4808.9	918.	0.29	0.29	0.29	8.4
15	1 1	0.0	3460.0	63.4	4697.9	894.	0.50	0.50	0.28	7.9

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO RIMAC

1/ 3/79

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 ORCOBAMBA										
16	1 1	19.0	4400.0	29.6	4981.0	956.	0.27	0.27	0.30	9.0
17	1 1	10.0	3880.0	101.9	4613.5	873.	0.77	0.77	0.27	7.6
18	1 1	0.0	3130.0	152.4	4507.6	845.	1.09	1.09	0.27	7.2
AFLUENTE S EULALIA A										
19	1 1	59.0	4350.0	26.7	4848.0	927.	3.23	0.23	0.29	8.5
20	1 1	56.0	4250.0	30.3	4795.8	915.	3.25	0.25	0.29	8.3
21	1 1	52.0	3950.0	105.6	4789.8	914.	3.87	0.87	0.29	8.3
22	1 1	42.0	3460.0	131.4	4687.2	887.	4.04	1.04	0.28	7.9
15+ 22		42.0	3460.0	194.8	4690.6	889.	4.54	1.54	0.28	7.9
23	1 1	37.0	3130.0	285.6	4609.7	871.	5.16	2.16	0.27	7.6
18+ 23		37.0	3130.0	438.0	4574.2	862.	6.26	3.26	0.27	7.4
24	1 1	33.0	2850.0	557.2	4489.8	839.	3.96	3.96	0.27	7.1
25	1 1	23.0	2150.0	676.1	4486.7	839.	4.80	4.80	0.27	7.1
AFLUENTE S EULALIA B										
25	1 1	23.0	2150.0	676.1	4486.7	839.	4.80	4.80	0.27	7.1
26	1 1	21.0	1950.0	770.8	4396.3	812.	1.56	6.56	0.33	8.5
27	1 1	10.0	1325.0	886.5	4232.5	763.	2.90	7.90	0.37	8.9
28	1 1	0.0	930.0	956.3	4081.1	723.	3.22	8.22	0.37	8.6
AFLUENTE RIMAC A										
29	1 1	126.0	4800.0	2.7	4805.0	917.	0.12	0.12	1.59	46.2
30	1 1	119.0	4180.0	74.5	4631.5	879.	3.16	3.16	1.52	42.4
31	1 1	109.0	3570.0	158.6	4624.9	877.	6.69	6.69	1.52	42.2
6+ 31		109.0	3570.0	405.0	4701.0	892.	10.94	8.94	0.78	22.1
32	1 1	104.0	3200.0	440.7	4647.1	877.	12.00	10.00	0.82	22.7

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 RIMAC B										
32	1 1	104.0	3200.0	440.7	4647.1	877.	12.00	10.00	0.82	22.7
33	1 1	103.0	3185.0	448.7	4634.2	874.	12.09	10.09	0.81	22.5
34	1 1	101.0	3170.0	459.8	4614.4	868.	8.20	10.20	0.81	22.2
9+ 34		101.0	3170.0	589.6	4543.2	850.	9.98	11.98	0.75	20.3
35	1 1	95.0	2600.0	628.4	4501.5	838.	14.38	12.38	0.74	19.7
36	1 1	85.0	2270.0	737.0	4404.3	811.	15.50	13.50	0.71	18.3

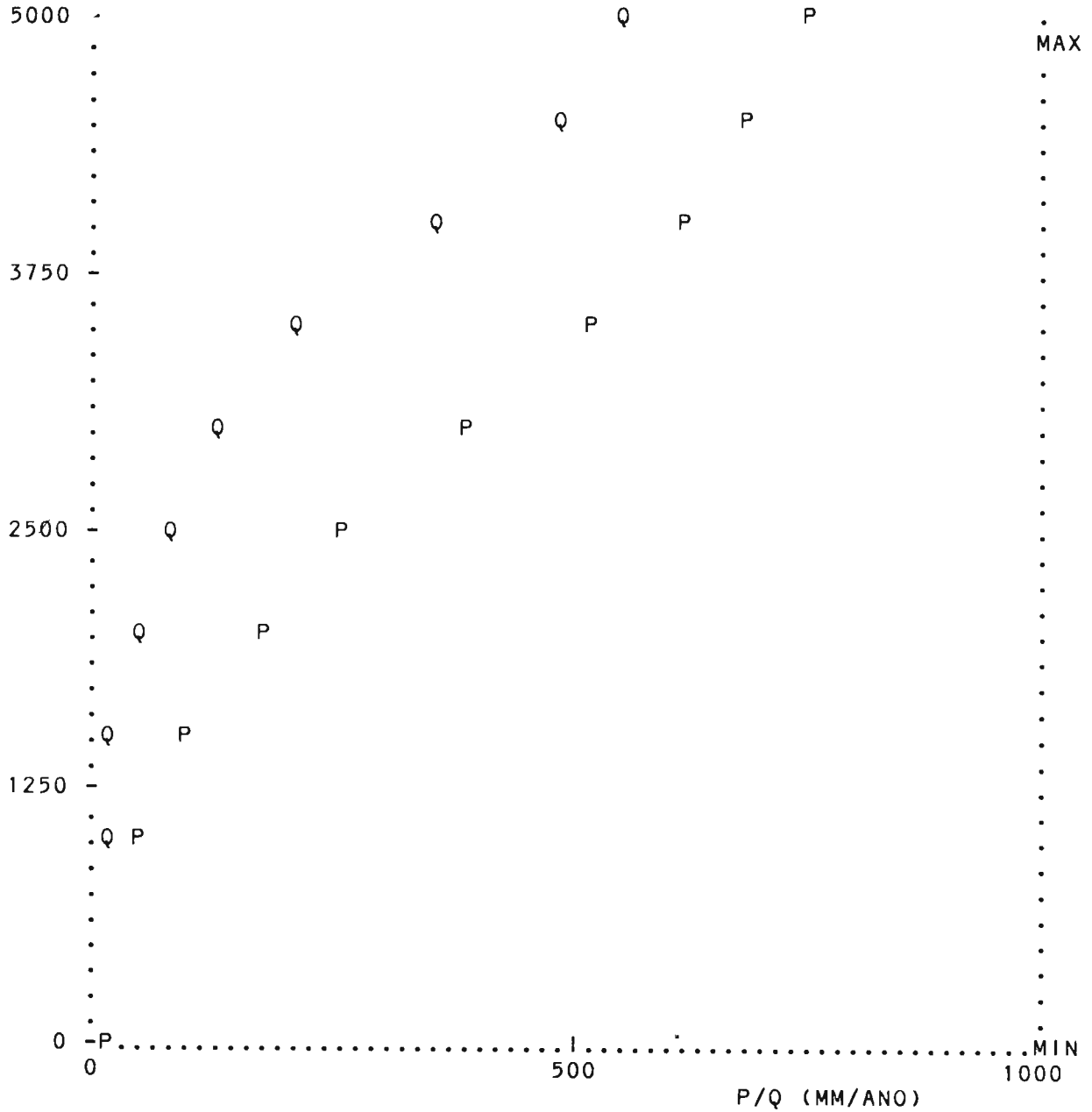
AFLUENTE RIMAC C										
36	1 1	85.0	2270.0	737.0	4404.3	811.	15.50	13.50	0.71	18.3
37	1 1	80.0	1994.0	824.0	4335.8	791.	13.13	15.13	0.73	18.4
38	1 1	75.0	1650.0	941.4	4271.1	772.	15.42	17.42	0.76	18.5
39	1 1	65.0	1200.0	1058.0	4075.9	718.	16.15	18.15	0.75	17.2
12+ 39		65.0	1200.0	1144.3	4025.4	702.	17.41	19.41	0.76	17.0
40	1 1	55.0	930.0	1200.4	3915.5	677.	16.34	19.56	0.76	16.3
28+ 40		55.0	930.0	2156.7	3989.0	697.	19.56	27.78	0.58	12.9
41	1 1	53.0	900.0	2187.9	3956.7	690.	31.70	27.92	0.58	12.8

AFLUENTE RIMAC D										
41	1 1	53.0	900.0	2187.9	3956.7	690.	31.70	27.92	0.58	12.8
42	1 1	50.0	780.0	2222.3	3917.5	681.	25.74	27.96	0.58	12.6
43	1 1	41.0	600.0	2306.8	3815.1	660.	31.80	28.02	0.58	12.1
44	1 1	31.0	445.0	2382.4	3730.9	643.	31.87	28.09	0.58	11.8
45	1 1	21.0	265.0	2921.3	3350.0	553.	32.69	28.91	0.56	9.9
46	1 1	11.0	150.0	3000.1	3273.9	540.	32.71	28.93	0.56	9.6
47	1 1	1.0	20.0	3131.3	3159.4	520.	32.77	28.99	0.56	9.3
48	1 1	0.0	0.0	3133.8	3156.9	520.	32.77	28.99	0.56	9.2

- 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 LURIN : REGIMEN # 1 *
 * CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
 * AMAX = 4981. : AMIN = 12. *

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	2	20	30	50	90	140	220	380	510	570	640	700
P :	30	60	100	190	280	410	540	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.341	.407	.594	.729	.740	.762	.778

I	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 TAQUIA

1	23.0	4400.0	0.2	4981.0	767.	0.00	0.00	0.78	18.9
2	10.0	3950.0	80.6	4583.0	712.	1.40	1.40	0.77	17.3
3	0.0	2995.0	122.9	4491.8	700.	2.05	2.05	0.75	16.7

AFLUENTE CANCHAHUAYLA

4	37.0	4545.0	1.4	4650.0	721.	0.02	0.02	0.71	16.2
5	30.0	4160.0	26.0	4513.8	702.	0.41	0.41	0.71	15.7
6	20.0	3710.0	67.3	4334.5	680.	0.97	0.97	0.66	14.3
7	10.0	2990.0	128.6	4030.3	632.	0.50	1.50	0.58	11.6
8	0.0	1790.0	174.7	3840.2	595.	0.76	1.76	0.54	10.1

AFLUENTE LURIN 1

9	106.0	4800.0	0.3	4925.0	759.	0.01	0.01	0.78	18.7
10	93.0	3850.0	68.7	4596.4	714.	1.20	1.20	0.77	17.4
11	83.0	2995.0	123.3	4426.2	692.	1.99	1.99	0.73	16.1
3+ 11	83.0	2995.0	246.2	4458.9	696.	4.04	4.04	0.74	16.4
12	80.0	2700.0	268.5	4377.6	683.	4.20	4.20	0.72	15.6

AFLUENTE LURIN 2

12	80.0	2700.0	268.5	4377.6	683.	4.20	4.20	0.72	15.6
13	67.0	1790.0	421.2	4066.7	632.	4.26	5.26	0.62	12.5
8+ 13	67.0	1790.0	595.9	4000.3	621.	5.03	7.03	0.60	11.8
14	66.0	1740.0	519.6	3965.7	614.	4.14	7.14	0.59	11.5
15	57.0	1350.0	810.8	3665.6	547.	3.78	7.78	0.55	9.6
16	47.0	1040.0	920.7	3488.5	509.	4.00	8.00	0.54	8.7

AFLUENTE LURIN 3

16	47.0	1040.0	920.7	3488.5	509.	4.00	8.00	0.54	8.7
17	36.0	710.0	1095.2	3205.3	449.	3.98	8.48	0.54	7.7
18	22.0	315.0	1204.7	3013.3	415.	4.15	8.65	0.55	7.2
19	12.0	206.0	1443.4	2688.3	357.	4.50	9.00	0.55	6.2

AFLUENTE LURIN 4

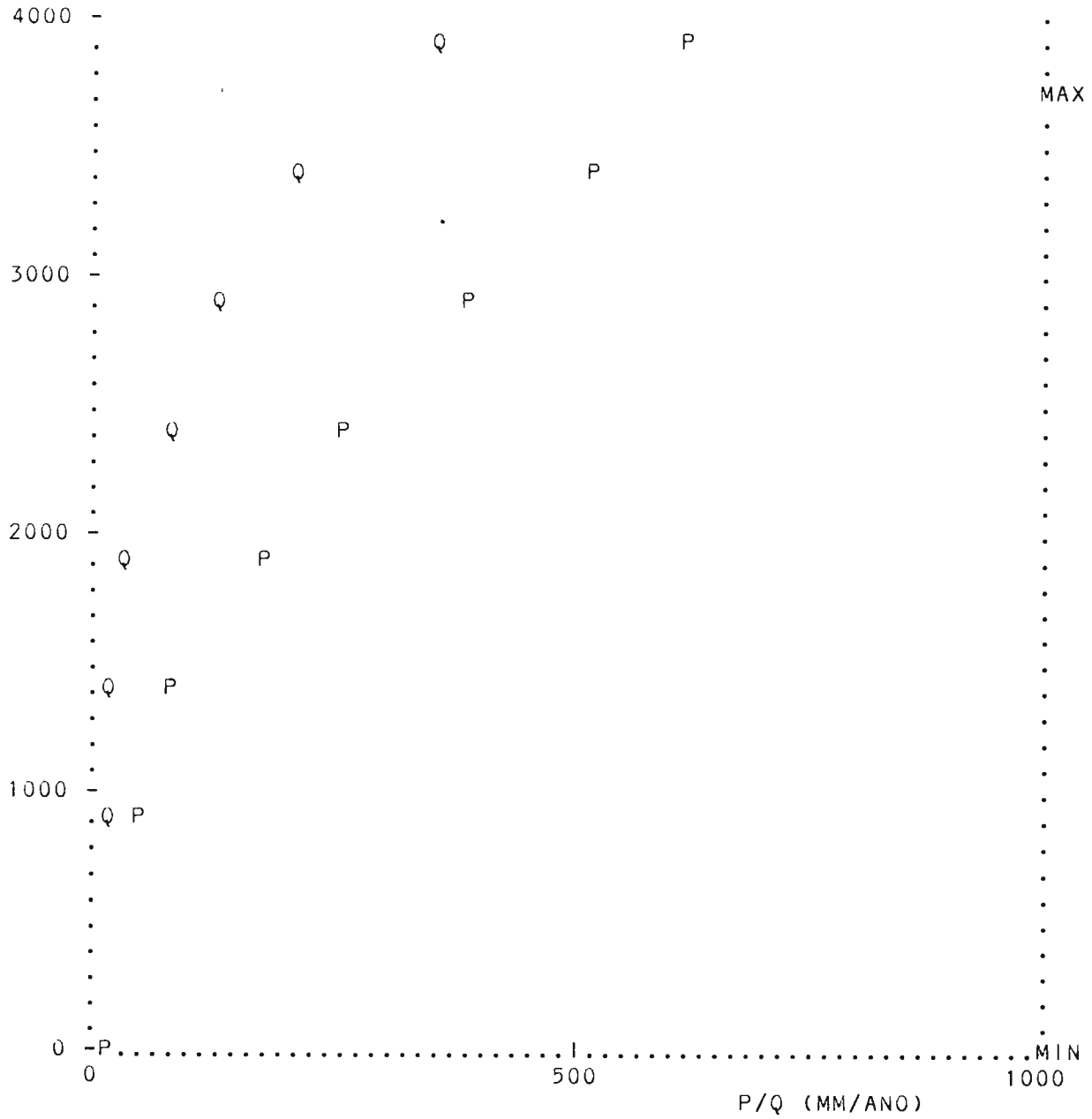
19	12.0	206.0	1443.4	2688.3	357.	4.50	9.00	0.55	6.2
20	2.0	20.0	1596.7	2461.4	326.	4.54	9.04	0.55	5.7
21	0.0	0.0	1600.4	2455.7	326.	4.54	9.04	0.55	5.6

```

*****
* CUENCA DEL RIO CHILCA : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 3755. : AMIN = 93. *
*****

```

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	2	20	30	50	90	140	220	380	510	570	640	700
P :	30	60	100	190	280	410	540	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.341	.407	.594	.729	.740	.762	.778

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

AFLUENTE CUCULI

1	1 1	32.0	3750.0	0.1	3755.0	591.	0.00	0.00	0.51	9.6
2	1 1	20.0	1750.0	42.6	3253.2	476.	0.24	0.24	0.33	5.7
3	1 1	10.0	1000.0	150.3	2356.6	271.	0.42	0.42	0.32	2.6
4	1 1	0.0	500.0	281.3	1919.5	138.	0.53	0.53	0.32	1.9

AFLUENTE CHILCA

5	1 1	64.0	5600.0	0.1	5615.0	563.	0.00	0.00	0.45	8.1
6	1 1	58.0	5250.0	17.8	5475.8	534.	0.12	0.12	0.41	6.9
7	1 1	43.0	1900.0	96.5	3387.1	511.	0.62	0.62	0.40	6.4
8	1 1	33.0	1100.0	161.6	2853.3	336.	0.73	0.73	0.37	4.5
9	1 1	23.0	500.0	262.6	2292.4	273.	0.82	0.82	0.36	3.1
4+ 9		23.0	500.0	543.9	2099.5	229.	1.35	1.35	0.34	2.5
10	1 1	23.0	475.0	546.5	2092.9	226.	1.36	1.36	0.34	2.5
11	1 1	20.0	273.0	617.1	1966.8	209.	1.40	1.40	0.34	2.3
12	1 1	10.0	80.0	721.7	1747.3	185.	1.43	1.43	0.34	2.0
13	1 1	0.0	0.0	797.9	1589.3	170.	1.44	1.44	0.33	1.8

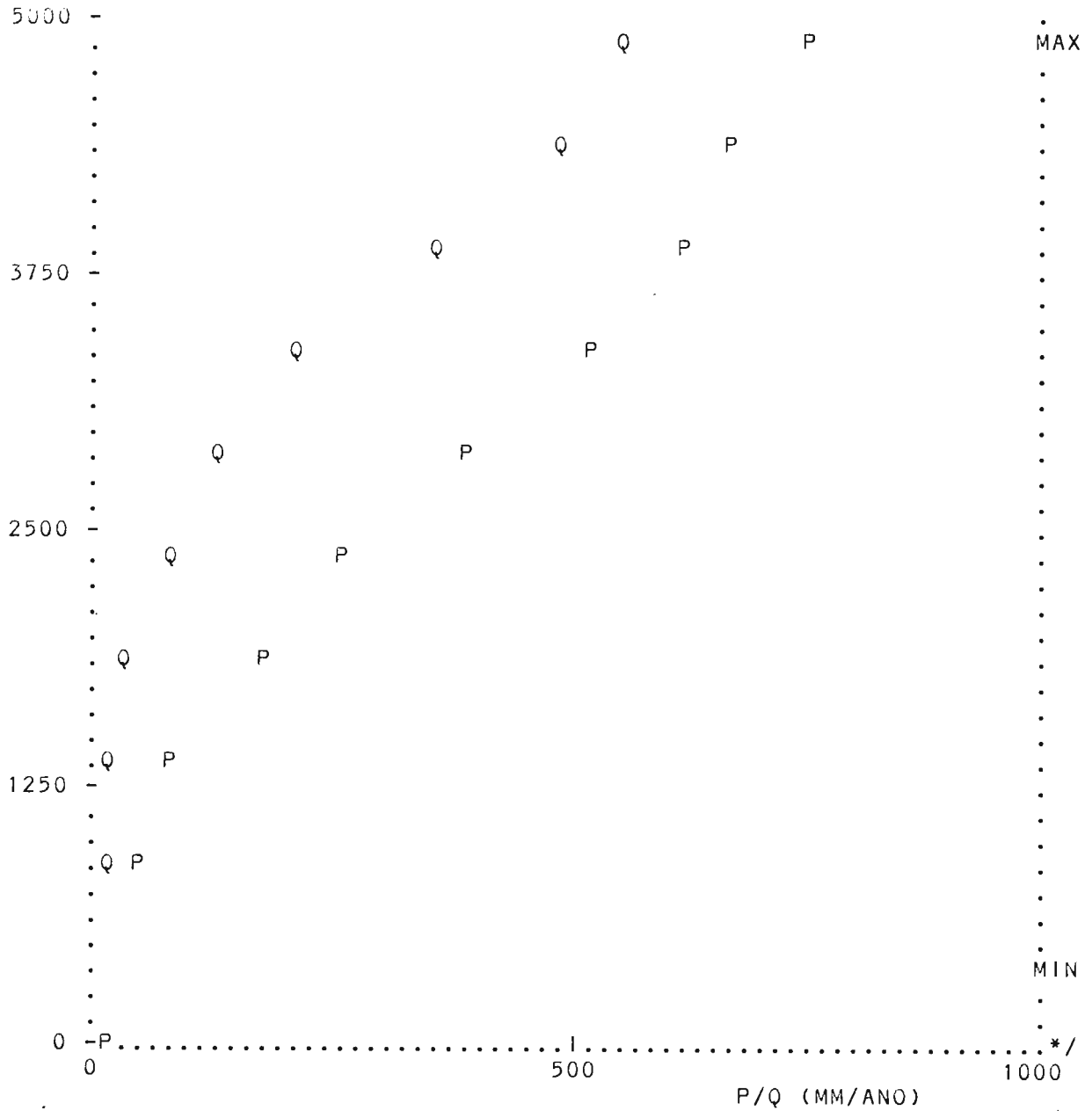
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT = 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 MALA : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4986. : AMIN = 453. *
*****

```

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	2	20	30	50	90	140	220	380	510	570	640	700
P :	30	60	100	190	280	410	540	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.341	.407	.594	.729	.740	.762	.778

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 ACACACHE										
=====										
1	1 1	30.0	4545.0	6.2	4986.0	768.	0.10	0.10	0.69	16.9
2	1 1	20.0	4000.0	93.1	4656.5	722.	1.46	1.46	0.69	15.7
3	1 1	10.0	3680.0	176.4	4492.4	701.	2.61	2.61	0.66	14.8
4	1 1	0.0	2620.0	218.3	4307.7	671.	2.56	2.89	0.62	13.2
=====										
AFLUENTE TANTARA										
=====										
5	1 1	23.0	4570.0	3.3	4769.0	738.	0.05	0.05	0.69	16.1
6	1 1	10.0	3650.0	70.0	4402.1	689.	1.01	1.01	0.66	14.4
7	1 1	0.0	2230.0	146.5	4133.7	651.	1.79	1.79	0.59	12.2
=====										
AFLUENTE SANJOAQUIN										
=====										
8	1 1	20.0	4376.0	6.3	4635.0	719.	0.10	0.10	0.69	15.7
9	1 1	10.0	3100.0	61.9	4150.0	658.	0.77	0.77	0.59	12.4
10	1 1	0.0	2000.0	222.0	3736.0	584.	1.93	1.93	0.47	8.7
=====										
AFLUENTE AYAVIRI										
=====										
11	1 1	36.0	4210.0	32.4	4963.0	765.	0.55	0.55	0.69	16.8
12	1 1	26.0	3590.0	146.5	4683.4	726.	2.32	2.32	0.69	15.8
13	1 1	16.0	2650.0	244.3	4274.9	664.	3.11	3.11	0.60	12.7
14	1 1	6.0	2000.0	312.3	4015.2	614.	3.42	3.42	0.56	11.0
10+ 14		6.0	2000.0	534.3	3899.2	601.	5.35	5.35	0.53	10.0
15	1 1	0.0	1550.0	570.4	3825.4	585.	5.48	5.48	0.52	9.6
=====										
AFLUENTE MALA SUPERIO										
=====										
16	1 1	127.0	4800.0	0.5	4900.0	756.	0.01	0.01	0.69	16.6
17	1 1	121.0	4380.0	27.0	4879.4	753.	0.45	0.45	0.69	16.5
18	1 1	111.0	4095.0	100.4	4705.8	729.	1.60	1.60	0.69	15.9
19	1 1	101.0	3530.0	169.9	4508.7	703.	2.17	2.50	0.66	14.7
20	1 1	91.0	2620.0	307.4	4362.1	685.	3.59	4.25	0.64	13.8
4+ 20		91.0	2620.0	525.7	4339.5	679.	6.15	7.14	0.63	13.6
21	1 1	86.0	2230.0	586.3	4282.6	671.	6.72	7.71	0.62	13.1
7+ 21		86.0	2230.0	732.8	4252.8	667.	8.51	9.50	0.61	13.0
22	1 1	80.0	1900.0	881.9	4092.6	637.	9.34	10.33	0.58	11.7
23	1 1	70.0	1550.0	933.0	4019.1	621.	9.52	10.51	0.57	11.3
15+ 23		70.0	1550.0	1503.4	3945.6	607.	14.99	15.98	0.55	10.6
24	1 1	60.0	1235.0	1618.9	3850.8	586.	15.34	16.33	0.54	10.1
25	1 1	50.0	950.0	1796.4	3731.2	559.	15.89	16.88	0.53	9.4
26	1 1	40.0	650.0	1876.5	3646.7	542.	15.99	16.98	0.53	9.0
27	1 1	30.0	430.0	2073.2	3485.2	507.	16.27	17.26	0.52	8.3
28	1 1	29.0	400.0	2117.9	3437.4	498.	16.30	17.29	0.52	8.2
=====										

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 MALA INFERIO										
28	1 1	29.0	400.0	2117.9	3437.4	498.	16.30	17.29	0.52	8.2
29	1 1	20.0	250.0	2216.3	3337.9	480.	16.37	17.36	0.52	7.8
30	1 1	10.0	95.0	2340.1	3196.5	457.	16.43	17.42	0.51	7.4
31	1 1	0.0	0.0	2521.9	2998.7	427.	16.49	17.48	0.51	6.9

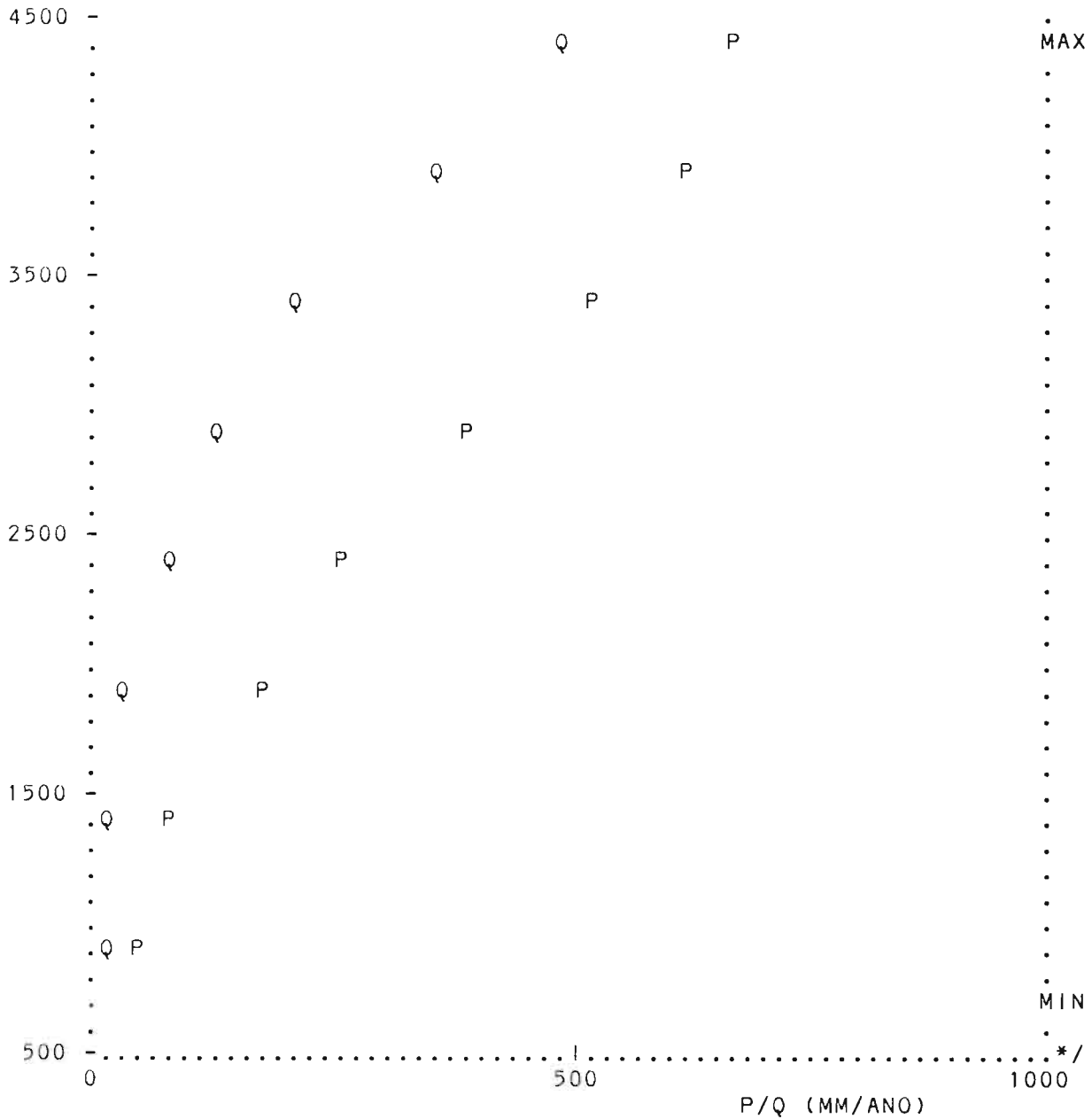
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT = 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 OMAS : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4470. : AMIN = 722. *
*****

```

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	2	20	30	50	90	140	220	380	510	570	640	700
P :	30	60	100	190	280	410	540	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.341	.407	.594	.729	.740	.762	.778

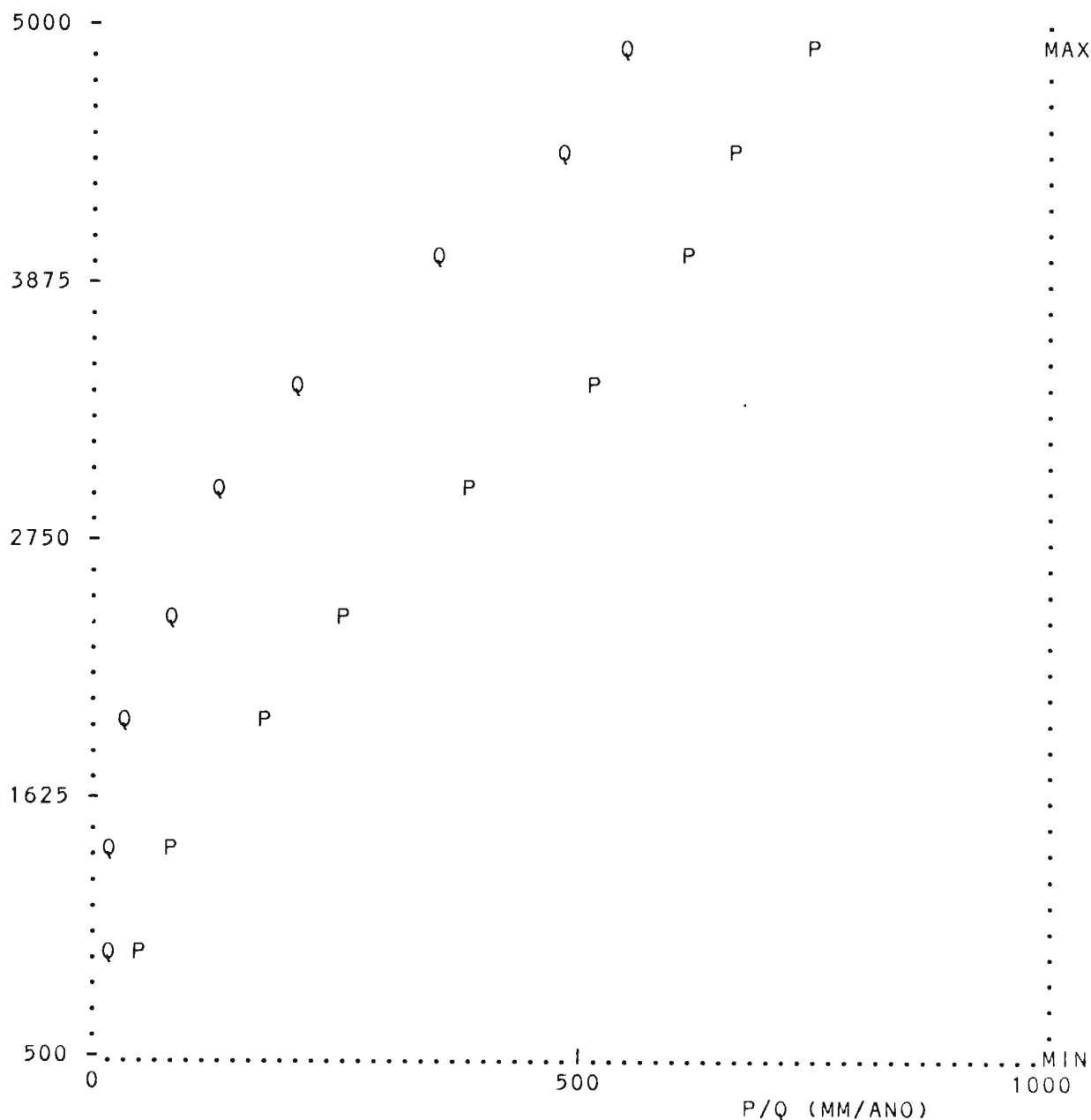
I	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	² KM	M	MM	³ M /S	³ M /S	(-)	² L/S/KM
AFLUENTE GUAYABO										
1	1 1	29.0	4440.0	1.5	4470.0	696.	0.02	0.02	0.72	15.9
2	1 1	20.0	3200.0	35.1	4090.0	651.	0.45	0.45	0.62	12.8
3	1 1	10.0	1895.0	116.4	3499.8	527.	0.91	0.91	0.47	7.8
4	1 1	0.0	1280.0	221.6	3203.7	456.	1.34	1.34	0.42	6.0
AFLUENTE OMAS										
5	1 1	72.0	4180.0	5.0	4320.0	678.	0.07	0.07	0.68	14.7
6	1 1	64.0	3200.0	54.2	4034.1	644.	0.67	0.67	0.60	12.3
7	1 1	54.0	1860.0	167.5	3375.9	496.	1.21	1.21	0.46	7.2
8	1 1	44.0	1280.0	256.8	3016.3	411.	1.43	1.43	0.43	5.6
4+	8	44.0	1280.0	478.4	3103.1	432.	2.76	2.76	0.42	5.8
9	1 1	30.0	670.0	728.8	2720.3	348.	3.16	3.16	0.39	4.3
10	1 1	20.0	370.0	972.8	2467.9	296.	3.45	3.45	0.38	3.6
11	1 1	10.0	160.0	1091.3	2286.3	269.	3.52	3.52	0.38	3.2
12	1 1	0.0	0.0	1741.4	1702.3	188.	3.82	3.82	0.37	2.2

```

*****
* CUENCA DEL RIO CANETE : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4900. : AMIN = 580. *
*****

```

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	2	20	30	50	90	140	220	380	510	570	640	700
P :	30	60	100	190	280	410	540	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.341	.407	.594	.729	.740	.762	.778

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO CANETE

1/ 3/79

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 MIRAFLORES

1	1 1	15.0	4525.0	8.9	4750.0	735.	0.13	0.13	0.65	15.2
2	1 1	10.0	4275.0	51.2	4733.5	733.	0.77	0.77	0.65	15.1
3	1 1	0.0	3230.0	111.2	4661.5	723.	1.65	1.65	0.65	14.9

AFLUENTE AL IS

4	1 1	32.0	4550.0	2.9	4600.0	714.	0.04	0.04	0.65	14.6
5	1 1	20.0	3980.0	119.2	4575.6	711.	1.74	1.74	0.65	14.6
6	1 1	10.0	3570.0	201.6	4559.0	708.	2.92	2.92	0.65	14.5
7	1 1	0.0	3140.0	437.2	4527.2	704.	6.30	6.30	0.65	14.4

AFLUENTE LARAOS

8	1 1	24.0	4725.0	1.7	4850.0	749.	0.03	0.03	0.65	15.5
9	1 1	10.0	3950.0	107.9	4663.0	723.	1.60	1.60	0.65	14.9
10	1 1	0.0	2935.0	185.2	4563.7	710.	2.67	2.67	0.64	14.4

AFLUENTE HUANTAN

11	1 1	36.0	4530.0	10.1	4700.0	728.	0.15	0.15	0.65	15.0
12	1 1	30.0	4290.0	49.6	4660.2	722.	0.74	0.74	0.65	14.8
13	1 1	20.0	3825.0	249.7	4616.0	716.	3.67	3.67	0.65	14.7
14	1 1	10.0	3380.0	344.9	4584.0	712.	5.03	5.03	0.65	14.6
15	1 1	0.0	2650.0	404.1	4518.9	704.	5.72	5.72	0.63	14.2

AFLUENTE PAMPAS

16	1 1	20.0	4410.0	21.8	4650.0	721.	0.32	0.32	0.65	14.8
17	1 1	10.0	3500.0	73.2	4614.9	716.	1.08	1.08	0.65	14.7
18	1 1	0.0	1950.0	133.4	4319.4	678.	1.70	1.70	0.59	12.7

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 QUICCHA

19	1 1	19.0	4470.0	3.7	4600.0	714.	0.05	0.05	0.65	14.6
20	1 1	10.0	4020.0	53.7	4483.6	698.	0.76	0.76	0.64	14.2
21	1 1	0.0	2800.0	98.6	4286.2	674.	1.26	1.26	0.60	12.7

AFLUENTE AUCAMPI

22	1 1	34.0	4486.0	0.7	4600.0	714.	0.01	0.01	0.65	14.6
23	1 1	20.0	3750.0	86.4	4352.0	682.	1.14	1.14	0.61	13.2
24	1 1	9.0	2800.0	164.4	4208.7	665.	2.00	2.00	0.58	12.2
21+ 24		9.0	2800.0	263.0	4237.8	669.	3.26	3.26	0.58	12.4
25	1 1	0.0	1700.0	323.4	4100.0	645.	3.63	3.63	0.55	11.2

AFLUENTE TUPE

26	1 1	33.0	4670.0	0.8	4875.0	752.	0.01	0.01	0.65	15.6
27	1 1	20.0	3900.0	92.5	4567.7	709.	1.34	1.34	0.65	14.5
28	1 1	10.0	2300.0	178.0	4391.1	688.	2.38	2.38	0.61	13.4
29	1 1	0.0	1350.0	232.7	4045.3	617.	2.58	2.58	0.57	11.1

AFLUENTE PALUCHE

30	1 1	20.0	4600.0	0.9	4630.0	718.	0.01	0.01	0.65	14.7
31	1 1	10.0	4000.0	56.4	4575.9	711.	0.82	0.82	0.65	14.6
32	1 1	0.0	2100.0	96.7	4381.7	687.	1.28	1.28	0.61	13.3

AFLUENTE CACRA

33	1 1	63.0	4750.0	2.3	4830.0	746.	0.04	0.04	0.65	15.4
34	1 1	54.0	4325.0	29.8	4617.7	716.	0.44	0.44	0.65	14.7
35	1 1	44.0	4100.0	141.7	4524.8	703.	2.04	2.04	0.65	14.4
36	1 1	34.0	3710.0	265.9	4464.1	696.	3.72	3.72	0.63	14.0
37	1 1	24.0	3000.0	382.6	4446.1	694.	5.31	5.31	0.63	13.9
38	1 1	14.0	2100.0	451.5	4335.3	677.	5.87	5.87	0.61	13.0
32+ 38		14.0	2100.0	548.2	4343.5	679.	7.16	7.16	0.61	13.1
39	1 1	0.0	1290.0	613.7	4168.1	642.	7.36	7.36	0.59	12.0

AFLUENTE HUANGASCAR

40	1 1	45.0	4440.0	0.4	4550.0	707.	0.01	0.01	0.65	14.5
41	1 1	40.0	4225.0	19.2	4476.6	697.	0.27	0.27	0.64	14.1
42	1 1	30.0	3540.0	75.5	4382.2	686.	1.02	1.02	0.62	13.4
43	1 1	20.0	2710.0	289.2	4144.1	657.	3.39	3.39	0.56	11.7
44	1 1	10.0	1730.0	477.8	4020.1	637.	5.11	5.11	0.53	10.7
45	1 1	0.0	1180.0	518.9	3879.9	605.	5.19	5.19	0.52	10.0

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 CANETE 2

46	1 1	222.0	4429.0	28.0	4700.0	728.	0.42	0.42	0.65	15.0
47	1 1	210.0	4250.0	167.1	4866.5	751.	2.60	2.60	0.65	15.5
48	1 1	200.0	4150.0	338.1	4746.9	735.	5.12	5.12	0.65	15.1
49	1 1	190.0	3970.0	455.9	4747.7	735.	6.90	6.90	0.65	15.1
50	1 1	180.0	3830.0	563.7	4683.1	726.	8.38	8.38	0.65	14.9
51	1 1	170.0	3620.0	703.2	4623.3	718.	10.33	10.33	0.64	14.6
52	1 1	159.0	3230.0	816.2	4562.0	710.	11.60	11.60	0.63	14.2
3+ 52		159.0	3230.0	927.4	4573.9	712.	13.26	13.26	0.63	14.3
53	1 1	155.0	3140.0	931.4	4569.7	711.	13.28	13.28	0.63	14.3
7+ 53		155.0	3140.0	1368.6	4556.2	709.	19.58	19.58	0.64	14.3
54	1 1	149.0	2935.0	1412.7	4538.8	707.	20.05	20.05	0.63	14.2
10+ 54		149.0	2935.0	1597.9	4541.7	707.	22.72	22.72	0.63	14.2
55	1 1	140.0	2725.0	1710.9	4511.8	703.	24.00	24.00	0.63	14.0
56	1 1	135.0	2650.0	1741.4	4504.3	702.	24.34	24.34	0.63	14.0
15+ 56		135.0	2650.0	2145.5	4507.0	703.	30.06	30.06	0.63	14.0
57	1 1	130.0	2425.0	2177.3	4493.8	700.	30.29	30.29	0.63	13.9
58	1 1	120.0	2190.0	2417.1	4432.9	692.	32.59	32.59	0.61	13.5
59	1 1	110.0	1950.0	2555.9	4388.2	685.	33.58	33.58	0.60	13.1
18+ 59		110.0	1950.0	2689.3	4384.8	685.	35.28	35.28	0.60	13.1
60	1 1	102.0	1700.0	2745.3	4357.2	679.	35.50	35.50	0.60	12.9
25+ 60		102.0	1700.0	3068.7	4330.1	676.	39.13	39.13	0.60	12.8
61	1 1	96.0	1620.0	3162.7	4281.0	665.	39.42	39.42	0.59	12.5
62	1 1	86.0	1420.0	3320.3	4221.2	653.	40.05	40.05	0.58	12.1
63	1 1	76.0	1350.0	3439.4	4169.9	643.	40.43	40.43	0.58	11.8
29+ 63		76.0	1350.0	3672.1	4162.0	641.	43.02	43.02	0.58	11.7
64	1 1	75.0	1290.0	3674.0	4160.5	641.	43.02	43.02	0.58	11.7
39+ 64		75.0	1290.0	4287.7	4161.6	641.	50.38	50.38	0.58	11.7
65	1 1	69.0	1180.0	4320.1	4144.2	637.	50.42	50.42	0.58	11.7
45+ 65		69.0	1180.0	4839.0	4115.9	634.	55.61	55.61	0.57	11.5
66	1 1	60.0	825.0	5092.0	4037.6	617.	55.17	56.27	0.57	11.1
67	1 1	40.0	475.0	5528.0	3858.0	580.	54.57	56.77	0.56	10.3
68	1 1	28.0	340.0	5793.4	3743.7	557.	54.77	56.97	0.56	9.8
69	1 1	25.0	300.0	5807.3	3736.6	556.	54.80	57.00	0.56	9.8

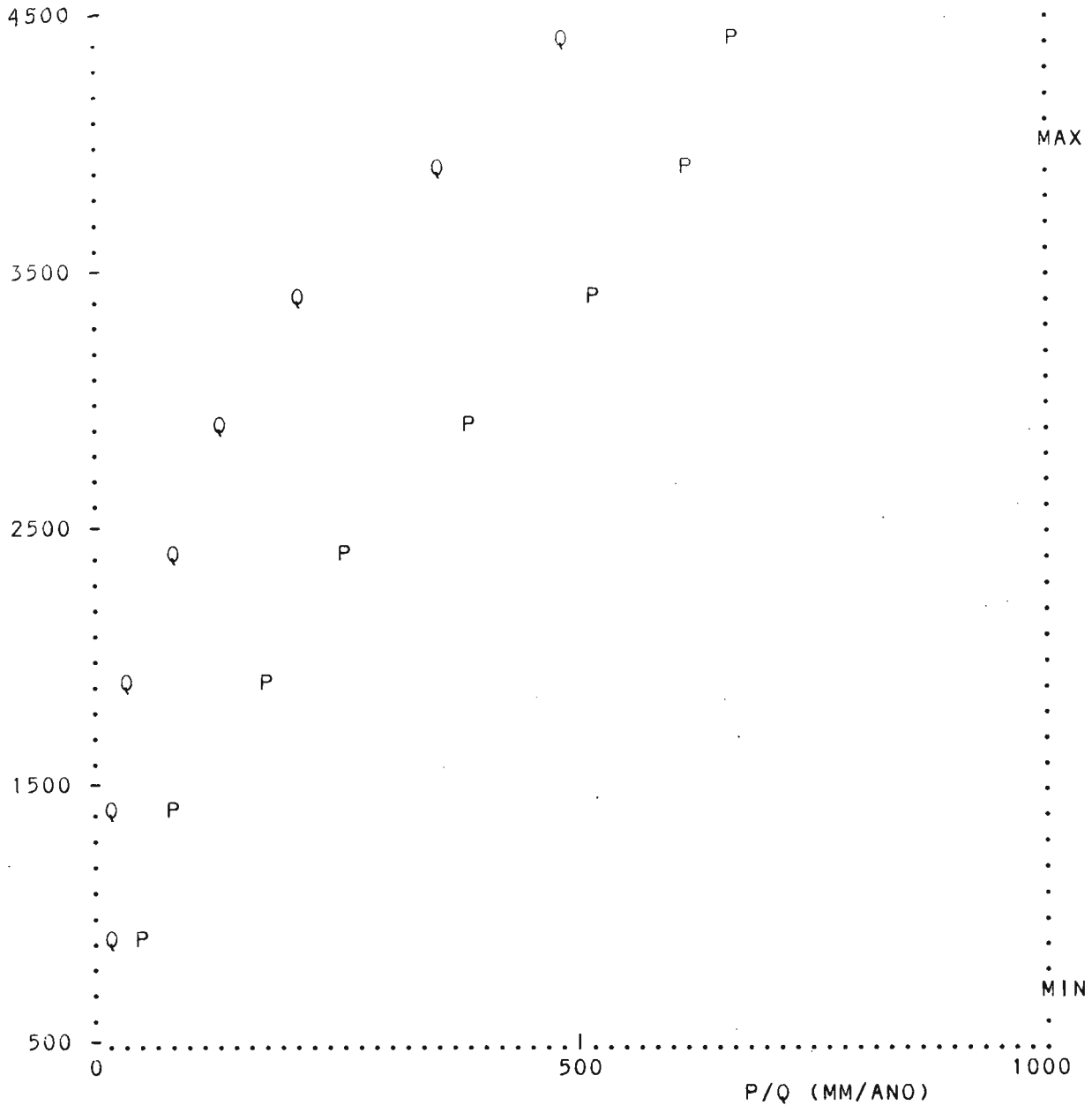
AFLUENTE CANETE 1

69	1 1	25.0	300.0	5807.3	3736.6	556.	54.80	57.00	0.56	9.8
70	1 1	0.0	0.0	5981.5	3644.6	541.	54.87	57.07	0.56	9.5

- 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 TOPARA : REGIMEN # 1 *
 * CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
 * AMAX = 4027. : AMIN = 751. *

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
Q :	2	20	30	50	90	140	220	380	510	570	640	700
P :	30	60	100	190	280	410	540	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.341	.407	.594	.729	.740	.762	.778

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 TOPARA										
1	1 1	60.0	4025.0	5.8	4027.0	643.	0.07	0.07	0.60	12.3
2	1 1	50.0	2600.0	51.5	3691.6	578.	0.46	0.46	0.49	8.9
3	1 1	40.0	1700.0	103.3	3378.4	503.	0.71	0.71	0.43	6.8
4	1 1	30.0	950.0	201.3	2834.9	373.	0.93	0.93	0.39	4.6
5	1 1	20.0	485.0	225.6	2681.0	343.	0.95	0.95	0.39	4.2
6	1 1	10.0	210.0	413.8	2219.8	246.	1.17	1.17	0.36	2.8
7	1 1	0.0	0.0	489.4	1992.9	216.	1.20	1.20	0.36	2.5

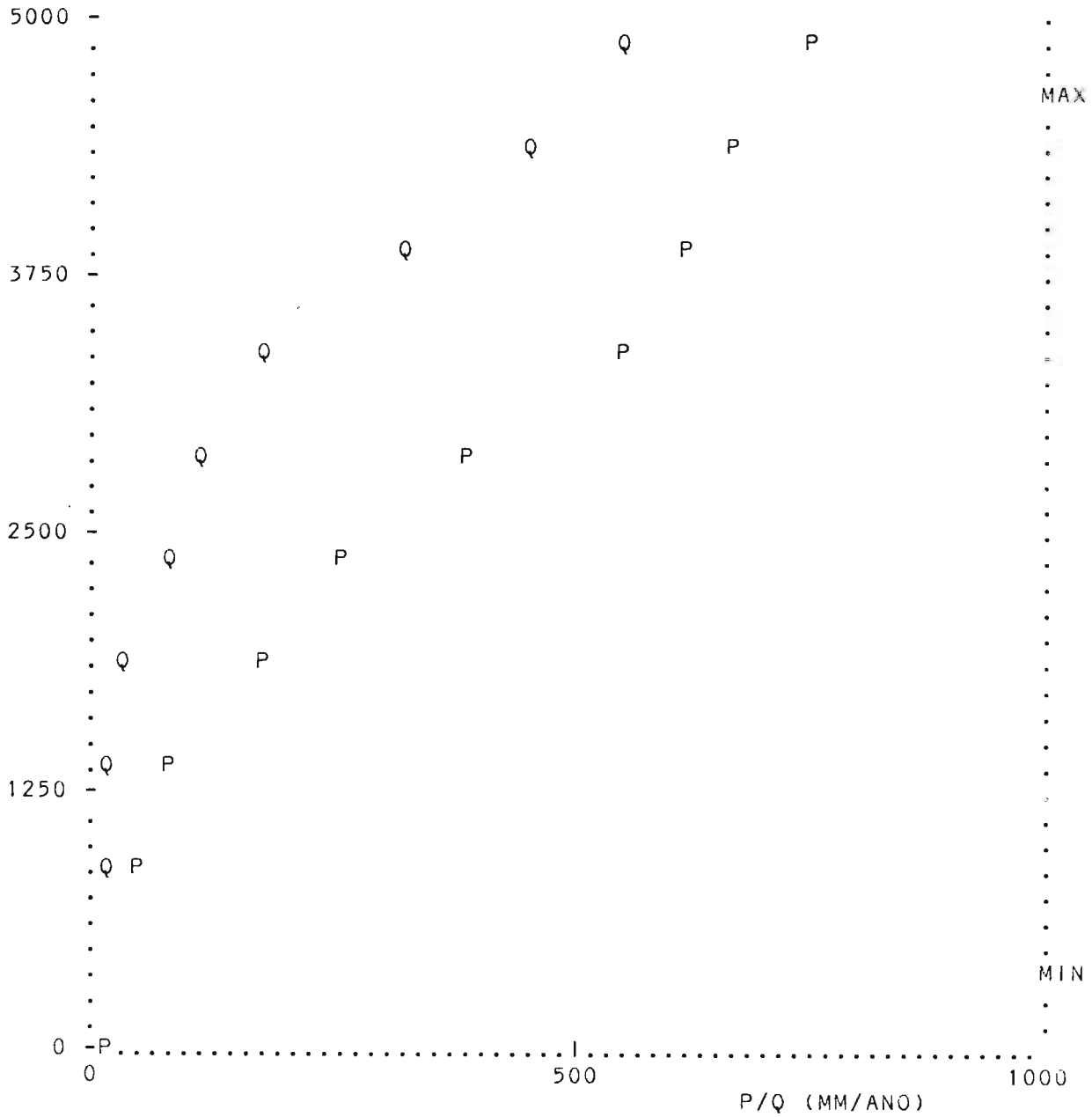
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT = 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 SAN JUAN : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4705. : AMIN = 470. *
*****

```

ALTURA (M.S.N.M.)



A :	0	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5999
Q :	2	20	30	50	90	130	200	350	470	570	600	660
P :	30	60	100	190	280	410	570	640	700	770	840	900
K :	.067	.333	.300	.263	.321	.317	.351	.547	.671	.740	.714	.733

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 HUICHINGA

1	1 1	14.0	4575.0	8.6	4679.0	725.	0.13	0.13	0.68	15.7
2	1 1	0.0	3950.0	83.0	4521.2	703.	1.22	1.22	0.66	14.7

AFLUENTE COLLACAMBA

3	1 1	24.0	4475.0	0.9	4495.0	699.	0.01	0.01	0.65	14.5
4	1 1	10.0	3950.0	124.6	4597.3	714.	1.89	1.89	0.67	15.2
5	1 1	0.0	3508.0	321.3	4175.9	661.	3.86	3.86	0.57	12.0

AFLUENTE ARMA

6	1 1	30.0	4650.0	0.9	4600.0	714.	0.01	0.01	0.67	15.2
7	1 1	20.0	4050.0	29.5	4421.6	691.	0.41	0.41	0.64	14.0
8	1 1	10.0	3000.0	112.3	4000.9	638.	1.20	1.20	0.53	10.6
9	1 1	0.0	2000.0	340.1	4084.7	649.	3.88	3.88	0.55	11.4

AFLUENTE HUACHOS

10	1 1	25.5	4470.0	0.8	4594.0	713.	0.01	0.01	0.67	15.1
11	1 1	14.0	3650.0	56.5	4146.4	658.	0.67	0.67	0.57	11.9
12	1 1	4.0	2000.0	168.1	3735.9	602.	1.39	1.39	0.43	8.3
9+ 12		4.0	2000.0	508.2	3969.3	634.	5.27	5.27	0.52	10.4
13	1 1	0.0	1760.0	520.8	3936.4	626.	4.31	5.31	0.51	10.2

AFLUENTE OYOQUE

14	1 1	50.0	4200.0	0.7	4250.0	670.	0.01	0.01	0.60	12.7
15	1 1	40.0	3310.0	89.9	4029.7	644.	0.99	0.99	0.54	11.1
16	1 1	30.0	2610.0	213.1	3794.6	611.	0.90	1.90	0.46	8.9
17	1 1	20.0	1700.0	311.4	3555.1	551.	1.31	2.31	0.42	7.4
18	1 1	10.0	850.0	373.7	3291.5	490.	0.41	2.41	0.41	6.4
19	1 1	0.0	420.0	401.2	3157.1	463.	0.43	2.43	0.41	6.1

AFLUENTE ALMACEN

20	1 1	30.0	3000.0	0.6	3374.0	530.	0.00	0.00	0.34	5.7
21	1 1	20.0	1430.0	285.8	3034.7	421.	1.19	1.19	0.31	4.2
22	1 1	10.0	870.0	340.6	2797.4	371.	1.25	1.25	0.31	3.7
23	1 1	0.0	400.0	374.3	2641.0	344.	0.27	1.27	0.31	3.4

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 SNJUAN SUPER

24	1 1	137.0	4670.0	7.1	4676.0	725.	1.11	0.11	0.68	15.7
25	1 1	127.0	4220.0	90.4	4702.7	728.	2.43	1.43	0.68	15.8
26	1 1	117.0	3850.0	464.9	4603.9	715.	8.07	7.07	0.67	15.2
2+ 26		117.0	3850.0	547.9	4591.3	713.	9.29	8.29	0.67	15.1
27	1 1	109.0	3508.0	651.4	4558.6	709.	10.71	9.71	0.66	14.9
5+ 27		109.0	3508.0	972.7	4432.2	693.	14.56	13.56	0.63	13.9
28	1 1	103.0	3080.0	1005.1	4417.5	691.	14.91	13.91	0.63	13.8
29	1 1	93.0	2725.0	1079.5	4359.0	683.	14.42	14.42	0.62	13.4
30	1 1	83.0	2175.0	1205.8	4230.1	659.	14.00	15.00	0.60	12.4
31	1 1	73.0	1760.0	1392.4	4077.4	629.	14.82	15.82	0.57	11.4
13+ 31		73.0	1760.0	1913.2	4039.0	629.	19.13	21.13	0.55	11.0
32	1 1	59.0	1175.0	2177.2	3887.5	595.	19.06	22.06	0.54	10.1
33	1 1	49.0	910.0	2521.4	3718.3	558.	19.15	23.15	0.52	9.2
34	1 1	39.0	675.0	2795.6	3582.8	527.	18.80	23.80	0.51	8.5
35	1 1	29.0	420.0	2868.5	3525.6	516.	18.36	23.86	0.51	8.3
19+ 35		29.0	420.0	3269.7	3480.4	510.	18.79	26.29	0.50	8.0
36	1 1	28.0	400.0	3272.0	3478.4	509.	18.79	26.29	0.50	8.0
23+ 36		28.0	400.0	3646.3	3392.4	492.	19.06	27.56	0.48	7.6
37	1 1	24.0	320.0	4524.6	2926.1	408.	19.60	28.10	0.48	6.2

AFLUENTE SNJUAN INFER

37	1 1	24.0	320.0	4524.6	2926.1	408.	19.60	28.10	0.48	6.2
38	1 1	10.0	80.0	4626.5	2872.0	400.	19.63	28.13	0.48	6.1
39	1 1	0.0	0.0	5332.9	2566.7	354.	19.91	28.41	0.48	5.3

- 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