

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 PALOS

1	1 1	15.0	390.0	30.0	495.0	1829.	0.90	0.90	0.52	30.1
2	1 1	0.0	379.0	250.0	445.7	1866.	7.53	7.53	0.51	30.1

AFLUENTE YAVERIA

3	1 1	45.0	396.0	50.0	448.0	1864.	1.51	1.51	0.51	30.1
4	1 1	0.0	365.0	380.0	434.1	1874.	11.45	11.45	0.51	30.1

AFLUENTE ACRE

5	1 1	110.0	445.0	80.0	497.0	1827.	2.41	2.41	0.52	30.1
6	1 1	80.0	423.0	580.0	487.5	1834.	17.47	17.47	0.52	30.1
7	1 1	50.0	401.0	1560.0	472.1	1846.	46.99	46.99	0.51	30.1
8	1 1	20.0	379.0	2460.0	460.0	1855.	74.11	74.11	0.51	30.1
2+	8	20.0	379.0	2710.0	458.7	1855.	81.64	81.64	0.51	30.1
9	1 1	0.0	365.0	2350.0	456.8	1857.	85.85	85.85	0.51	30.1
4+	9	0.0	365.0	3230.0	454.1	1859.	97.30	97.30	0.51	30.1

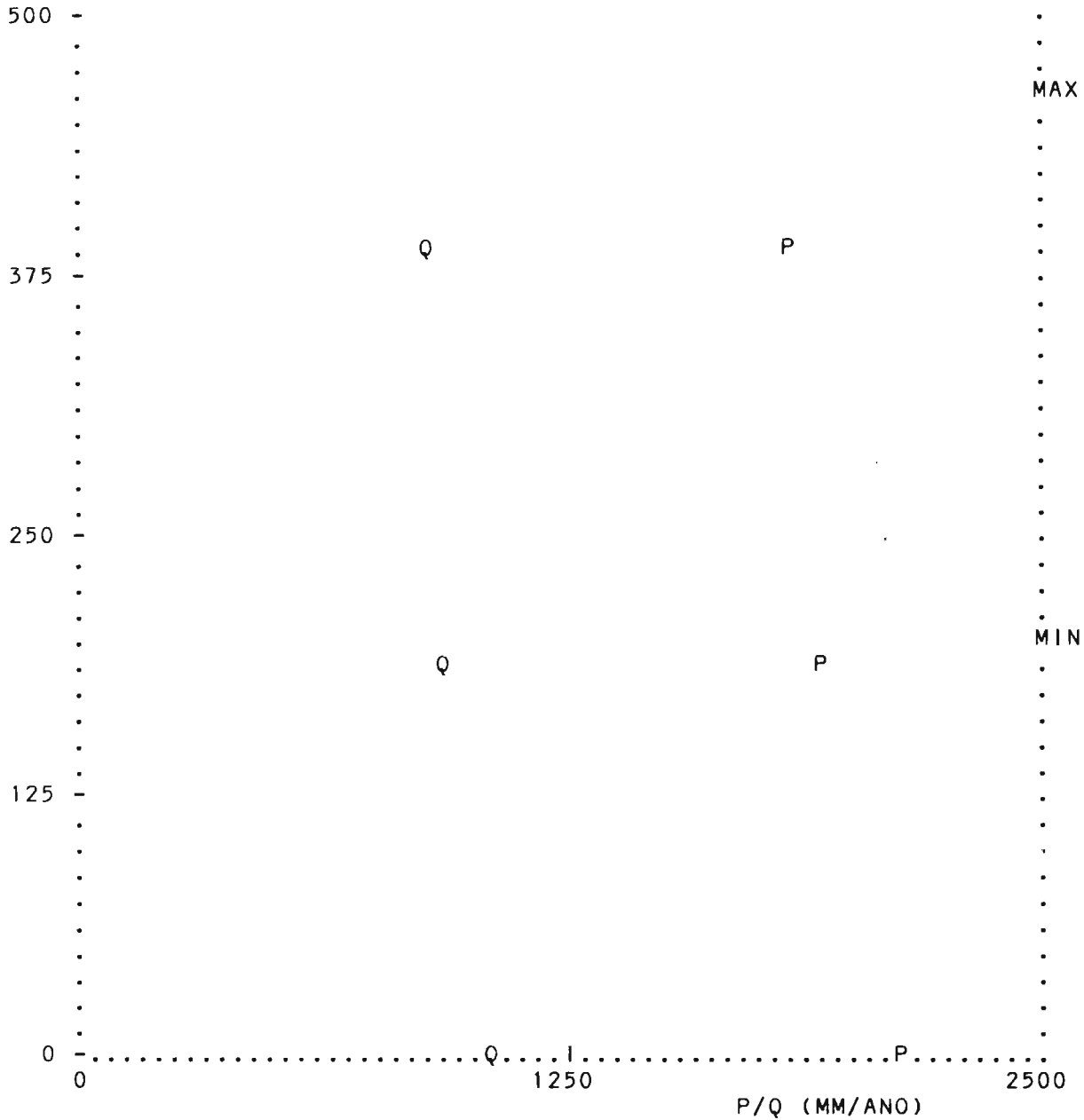
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT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

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*          CUENCA DEL RIO YURUA          : REGIMEN # 1          *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
*          AMAX = 475. : AMIN = 207.          *
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ALTURA (M.S.N.M.)



A :	0	200	400	600	1000	1400	1800	2200	2500	3000	3500	4000	4500	5000	600
Q :	1100	1000	950	950	900	850	800	750	750	750	750	700	680	680	68
P :	2200	2000	1900	1750	1550	1400	1250	1150	1100	1000	900	820	800	800	80
K :	.500	.500	.500	.543	.581	.607	.640	.652	.682	.750	.833	.854	.850	.850	.85

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 GUINEYACO

1	1 1	25.0	350.0	40.0	387.0	1906.	1.21	1.21	0.50	30.2
2	1 1	0.0	320.0	200.0	348.6	1926.	8.11	6.11	0.50	30.5

AFLUENTE SOLORZANO

3	1 1	50.0	335.0	10.0	417.0	1887.	0.30	0.30	0.50	30.1
4	1 1	25.0	300.0	640.0	387.5	1906.	19.34	19.34	0.50	30.2
5	1 1	0.0	278.0	1190.0	359.1	1920.	36.24	36.24	0.50	30.4

AFLUENTE PAUSIL IAGA

6	1 1	25.0	330.0	50.0	402.0	1898.	1.51	1.51	0.50	30.1
7	1 1	0.0	275.0	260.0	347.9	1926.	7.94	7.94	0.50	30.5

AFLUENTE SERRANOYACU

8	1 1	28.0	320.0	70.0	410.0	1892.	2.11	2.11	0.50	30.1
9	1 1	0.0	263.0	350.0	350.0	1924.	10.69	10.69	0.50	30.5

AFLUENTE SUNGARROYACU

10	1 1	24.0	350.0	16.0	425.0	1881.	0.48	0.48	0.50	30.1
11	1 1	0.0	290.0	266.0	349.8	1925.	8.12	8.12	0.50	30.5

AFLUENTE HUACAPISTEA

12	1 1	61.0	350.0	60.0	450.0	1862.	1.81	1.81	0.51	30.1
13	1 1	27.0	290.0	700.0	387.8	1905.	21.18	21.18	0.50	30.3
11+ 13		27.0	290.0	966.0	377.4	1910.	29.30	29.30	0.50	30.3
14	1 1	0.0	260.0	1376.0	363.2	1918.	41.88	41.88	0.50	30.4

AFLUENTE DORADO

15	1 1	42.0	300.0	40.0	425.0	1881.	1.20	1.20	0.50	30.1
16	1 1	20.0	270.0	260.0	380.2	1909.	7.88	7.88	0.50	30.3
17	1 1	0.0	245.0	426.0	338.0	1930.	13.05	13.05	0.50	30.6

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 PUCAURCO

18	1 1	56.0	300.0	30.0	425.0	1881.	0.90	0.90	0.50	30.1
19	1 1	30.0	250.0	450.0	366.2	1916.	13.68	13.68	0.50	30.4
20	1 1	0.0	223.0	1050.0	334.7	1932.	32.18	32.18	0.50	30.6

AFLUENTE BEU

21	1 1	29.0	260.0	20.0	330.0	1935.	0.61	0.61	0.50	30.7
22	1 1	0.0	220.0	250.0	299.6	1950.	7.73	7.73	0.50	30.9

AFLUENTE BREU

23	1 1	70.0	310.0	40.0	430.0	1877.	1.20	1.20	0.51	30.1
24	1 1	30.0	240.0	670.0	373.6	1913.	20.33	20.33	0.50	30.3
25	1 1	0.0	200.0	1280.0	356.1	1922.	39.01	39.01	0.50	30.5

AFLUENTE YURUA

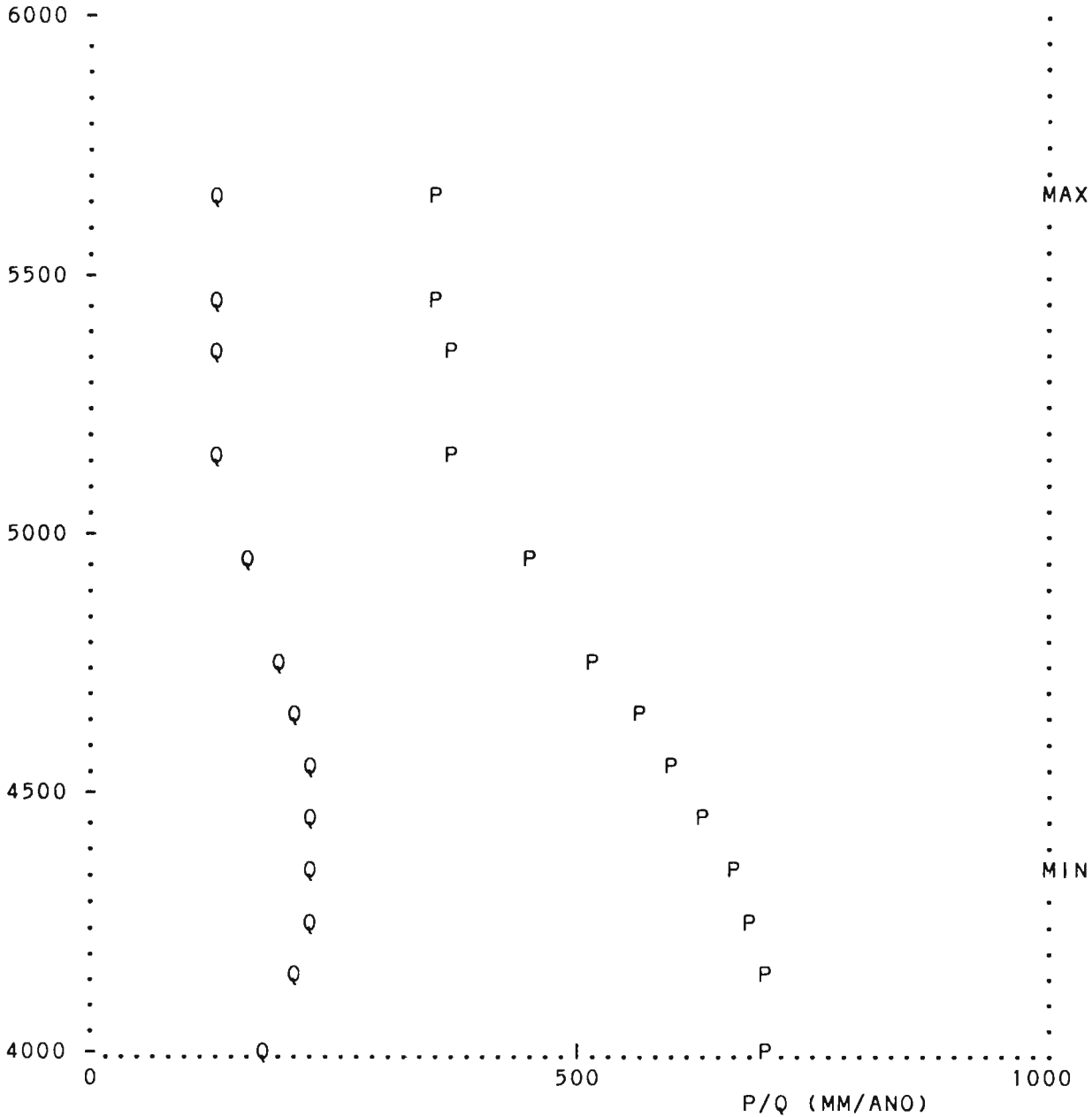
26	1 1	155.0	400.0	30.0	475.0	1844.	0.90	0.90	0.52	30.1
27	1 1	125.0	320.0	960.0	363.6	1918.	29.21	29.21	0.50	30.4
2+ 27		125.0	320.0	1160.0	361.0	1919.	35.32	35.32	0.50	30.4
28	1 1	105.0	278.0	1500.0	347.0	1926.	45.84	45.84	0.50	30.6
5+ 28		105.0	278.0	2690.0	352.3	1924.	82.07	82.07	0.50	30.5
29	1 1	100.0	275.0	2760.0	350.4	1925.	84.25	84.25	0.50	30.5
7+ 29		100.0	275.0	3020.0	350.2	1925.	92.19	92.19	0.50	30.5
30	1 1	90.0	263.0	3100.0	348.1	1926.	94.68	94.68	0.50	30.5
9+ 30		90.0	263.0	3450.0	348.3	1926.	105.37	105.37	0.50	30.5
31	1 1	85.0	260.0	3480.0	347.5	1926.	106.31	106.31	0.50	30.5
14+ 31		85.0	260.0	4856.0	352.0	1924.	148.18	148.18	0.50	30.5
32	1 1	55.0	245.0	5546.0	339.5	1930.	169.78	169.78	0.50	30.6
17+ 32		55.0	245.0	5972.0	339.4	1930.	182.83	182.83	0.50	30.6
33	1 1	35.0	223.0	6502.0	330.8	1934.	199.49	199.49	0.50	30.7
20+ 33		35.0	223.0	7552.0	331.4	1934.	231.67	231.67	0.50	30.7
34	1 1	30.0	220.0	7702.0	329.2	1935.	236.41	236.41	0.50	30.7
22+ 34		30.0	220.0	7952.0	328.3	1936.	244.14	244.14	0.50	30.7
35	1 1	10.0	200.0	8092.0	326.2	1937.	248.56	248.56	0.50	30.7
25+ 35		10.0	200.0	9372.0	330.3	1935.	287.58	287.58	0.50	30.7
36	1 1	0.0	190.0	9492.0	328.8	1935.	291.38	291.38	0.50	30.7

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* CUENCA DEL RIO SUCHES : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 5656. : AMIN = 4353. *
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ALTURA (M.S.N.M.)



A :	3600	3800	4000	4200	4300	4400	4500	4600	4700	4800	5000	5200	5400	5500
Q :	130	160	190	220	235	250	245	240	220	210	170	150	145	140
P :	630	700	720	725	710	690	655	620	590	550	475	400	390	380
K :	.206	.229	.264	.303	.331	.362	.374	.387	.373	.382	.358	.375	.372	.368

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO SUCHES

2/16/79

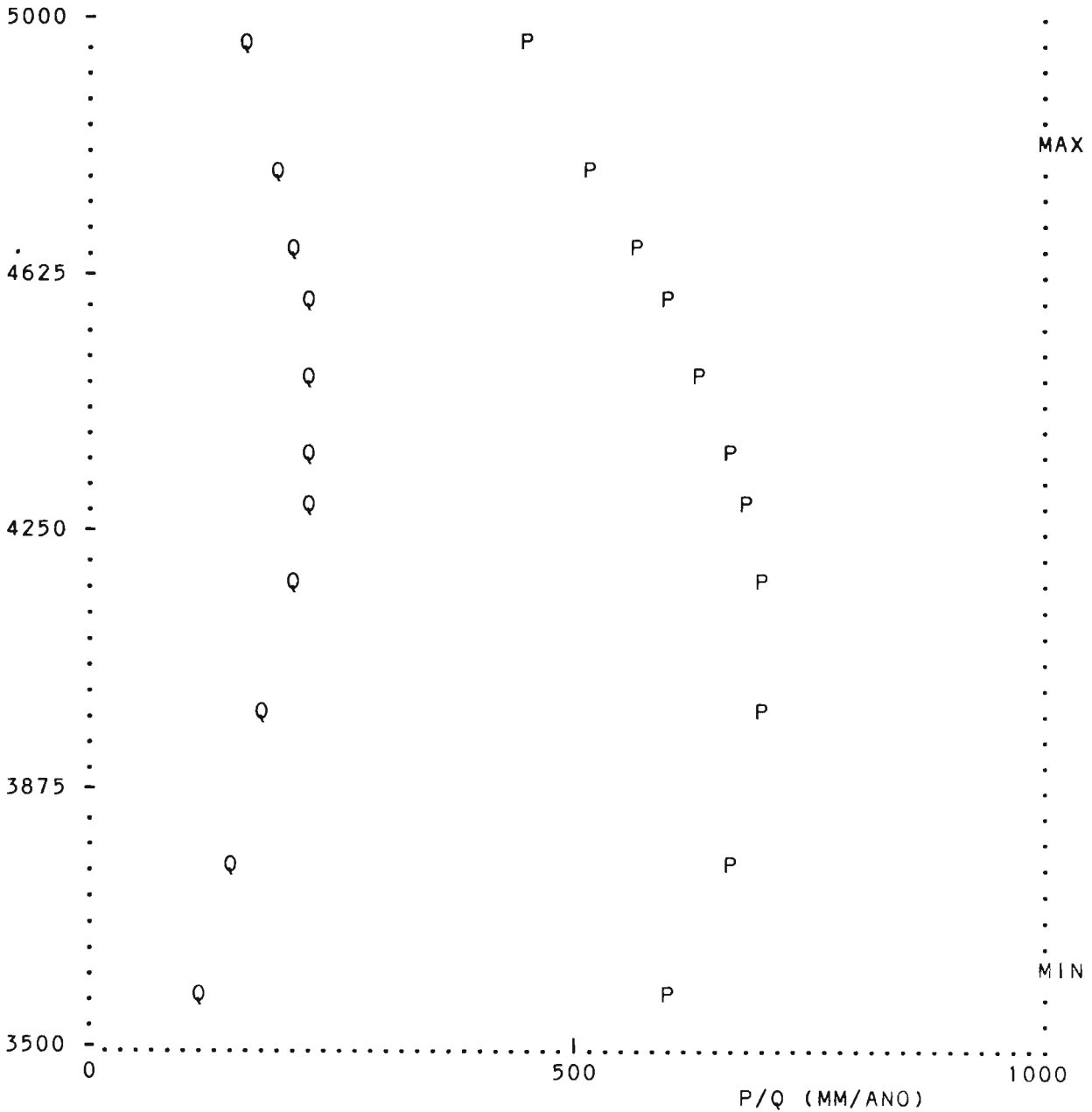
1	RP/RE	L	H	AA	HM	PREC	QM	QN	CEAT	RQT
		KM	M	2	M	MM	3	3	(-)	2
				KM	M		M /S	M /S		L/S/KM
AFLUENTE BLANCO										
1	1 1	23.0	5100.0	40.0	5233.0	398.	0.19	0.19	0.37	4.7
2	1 1	0.0	4500.0	310.0	4855.9	530.	1.99	1.99	0.38	6.4
AFLUENTE TRAPICHE										
3	1 1	23.0	5400.0	40.0	5656.0	372.	0.17	0.17	0.37	4.3
4	1 1	3.0	4500.0	70.0	5172.6	489.	0.40	0.40	0.37	5.8
2+	4	3.0	4500.0	380.0	4914.2	523.	2.39	2.39	0.38	6.3
5	1 1	0.0	4338.0	410.0	4886.0	532.	2.62	2.62	0.38	6.4
AFLUENTE CHUENAHUERTA										
6	1 1	30.0	4650.0	1.3	4675.0	597.	0.01	0.01	0.38	7.1
7	1 1	20.0	4352.0	27.7	4603.5	619.	0.21	0.21	0.39	7.6
8	1 1	10.0	4323.0	80.9	4442.1	671.	0.62	0.62	0.36	7.7
9	1 1	0.0	4317.0	152.8	4400.2	684.	1.18	1.18	0.35	7.7
AFLUENTE JAVIRCAVIRA										
10	1 1	11.0	4520.0	1.6	4635.0	609.	0.01	0.01	0.38	7.4
11	1 1	0.0	4312.0	31.0	4467.1	667.	0.24	0.24	0.37	7.8
AFLUENTE SUCHES										
12	1 1	81.0	5400.0	20.0	5600.0	375.	0.09	0.09	0.37	4.4
13	1 1	71.0	4800.0	160.0	5162.5	430.	0.80	0.80	0.37	5.0
14	1 1	61.0	4550.0	290.0	4971.8	495.	1.69	1.69	0.37	5.8
15	1 1	51.0	4338.0	340.0	4898.3	520.	2.08	2.08	0.37	6.1
5+	15	51.0	4338.0	750.0	4891.5	526.	4.70	4.70	0.38	6.3
16	1 1	44.0	4329.0	910.0	4807.9	554.	5.97	5.97	0.37	6.6
17	1 1	35.0	4326.0	955.2	4789.2	560.	6.32	6.32	0.37	6.6
18	1 1	25.0	4317.0	986.0	4777.4	564.	6.57	6.57	0.37	6.7
19	1 1	15.0	4312.0	1096.5	4740.1	577.	7.44	7.44	0.37	6.8
11+	19	15.0	4312.0	1127.5	4732.6	579.	7.69	7.69	0.37	6.8
20	1 1	10.0	4307.0	1174.4	4719.4	584.	8.06	8.06	0.37	6.9
21	1 1	0.0	4215.0	1300.1	4686.6	594.	9.04	9.04	0.37	7.0

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* CUENCA DEL RIO HUANCANE : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4827. : AMIN = 3626. *
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ALTURA (M.S.N.M.)



A :	3600	3800	4000	4200	4300	4400	4500	4600	4700	4800	5000	5200
Q :	130	160	190	220	235	250	247	240	220	210	170	150
P :	630	700	720	725	710	690	655	620	590	550	475	400
K :	.206	.229	.264	.303	.331	.362	.377	.387	.373	.382	.358	.375

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 PALCA

1	1 1	23.0	4700.0	1.1	4750.0	570.	0.01	0.01	0.41	7.5
2	1 1	10.0	4400.0	64.7	4656.6	603.	0.52	0.52	0.42	8.0
3	1 1	0.0	4070.0	132.8	4559.9	635.	1.10	1.10	0.41	8.3

AFLUENTE TARUCANI

4	1 1	24.0	4650.0	0.5	4719.0	582.	0.00	0.00	0.41	7.6
5	1 1	20.0	4400.0	13.3	4556.4	635.	0.11	0.11	0.42	8.4
6	1 1	10.0	4050.0	66.2	4491.3	658.	0.57	0.57	0.41	8.6
7	1 1	0.0	3880.0	161.8	4328.1	696.	1.31	1.31	0.37	8.1

AFLUENTE COMBUCO

8	1 1	18.0	4450.0	0.6	4525.0	646.	0.01	0.01	0.42	8.5
9	1 1	10.0	3995.0	45.6	4366.1	697.	0.39	0.39	0.39	8.5
10	1 1	0.0	3885.0	87.3	4276.3	710.	0.70	0.70	0.36	8.1

AFLUENTE FURCAPUNCO

11	1 1	21.0	4800.0	2.5	4825.0	541.	0.02	0.02	0.42	7.1
12	1 1	10.0	4300.0	56.5	4736.1	576.	0.43	0.43	0.41	7.5
13	1 1	0.0	3950.0	105.0	4608.6	619.	0.84	0.84	0.41	8.0

AFLUENTE TOCOTOCO

14	1 1	41.0	4785.0	1.6	4792.0	553.	0.01	0.01	0.42	7.3
15	1 1	34.0	4400.0	35.7	4792.0	553.	0.26	0.26	0.42	7.3
16	1 1	24.0	4090.0	201.1	4820.8	542.	1.44	1.44	0.42	7.2
17	1 1	14.0	3950.0	343.5	4562.2	618.	2.53	2.53	0.38	7.4
13+ 17		14.0	3950.0	448.5	4573.1	618.	3.37	3.37	0.38	7.5
18	1 1	0.0	3880.0	592.1	4478.0	644.	4.46	4.46	0.37	7.5

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 PONGONGONI

19	1 1	56.0	4650.0	0.8	4797.0	551.	0.01	0.01	0.42	7.3
20	1 1	50.0	4250.0	44.6	4656.6	603.	0.36	0.36	0.42	8.0
21	1 1	40.0	4025.0	83.9	4475.0	655.	0.67	0.67	0.38	8.0
22	1 1	30.0	3897.0	152.4	4293.8	685.	1.15	1.15	0.35	7.6
23	1 1	20.0	3885.0	278.0	4288.1	698.	2.17	2.17	0.35	7.8
10+ 23		20.0	3885.0	365.3	4285.2	701.	2.87	2.87	0.35	7.9
24	1 1	12.0	3880.0	410.9	4261.7	703.	3.19	3.19	0.35	7.8
13+ 24		12.0	3880.0	1003.0	4389.4	668.	7.65	7.65	0.36	7.6
25	1 1	0.0	3875.0	1045.0	4372.7	670.	7.92	7.92	0.36	7.6

AFLUENTE CANSANE

26	1 1	21.0	4650.0	2.6	4783.0	557.	0.02	0.02	0.42	7.4
27	1 1	10.0	4150.0	65.7	4492.9	653.	0.56	0.56	0.41	8.6
28	1 1	0.0	3947.0	135.3	4342.3	692.	1.10	1.10	0.37	8.1

AFLUENTE HUAYLLACUYO

29	1 1	30.0	4300.0	2.1	4353.0	699.	0.02	0.02	0.38	8.5
30	1 1	20.0	4030.0	65.7	4272.7	714.	0.53	0.53	0.36	8.0
31	1 1	10.0	3895.0	145.2	4217.0	720.	1.13	1.13	0.34	7.8
32	1 1	0.0	3875.0	278.8	4141.8	721.	2.05	2.05	0.32	7.4

AFLUENTE TUYTO

33	1 1	79.0	4650.0	0.6	4650.0	605.	0.00	0.00	0.42	8.0
34	1 1	70.0	4100.0	63.5	4402.4	689.	0.55	0.55	0.40	8.7
35	1 1	60.0	4005.0	190.3	4346.8	701.	1.60	1.60	0.38	8.4
36	1 1	50.0	3947.0	246.7	4330.2	704.	2.06	2.06	0.37	8.3
28+ 36		50.0	3947.0	382.0	4334.4	700.	3.15	3.15	0.37	8.3
37	1 1	38.0	3875.0	514.9	4289.4	706.	4.14	4.14	0.36	8.0
32+ 37		38.0	3875.0	793.7	4237.6	711.	6.19	6.19	0.35	7.8
38	1 1	30.0	3855.0	859.1	4221.6	712.	6.64	6.64	0.34	7.7
39	1 1	20.0	3845.0	896.3	4212.4	712.	6.88	6.88	0.34	7.7
40	1 1	10.0	3838.0	1005.7	4196.0	713.	7.64	7.64	0.34	7.6
41	1 1	0.0	3830.0	1033.7	4189.6	713.	7.82	7.82	0.33	7.6

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO HUANCANE

2/16/79

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 HUANCANE SUP

42	1 1	124.0	4680.0	0.7	4750.0	570.	0.01	0.01	0.41	7.5
43	1 1	117.0	4450.0	40.0	4656.7	603.	0.32	0.32	0.42	8.0
44	1 1	107.0	4250.0	163.4	4514.2	651.	1.38	1.38	0.41	8.5
45	1 1	97.0	4070.0	262.8	4527.4	646.	2.23	2.23	0.41	8.5
3+ 45		97.0	4070.0	395.6	4538.3	642.	3.33	3.33	0.41	8.4
46	1 1	93.0	3995.0	418.6	4519.5	647.	3.51	3.51	0.41	8.4
47	1 1	83.0	3895.0	614.0	4445.2	668.	5.09	5.09	0.39	8.3
48	1 1	73.0	3880.0	690.8	4408.5	674.	5.65	5.65	0.38	8.2
7+ 48		73.0	3880.0	852.6	4393.2	678.	6.95	6.95	0.38	8.2
49	1 1	63.0	3875.0	883.2	4377.6	679.	7.15	7.15	0.38	8.1
25+ 49		63.0	3875.0	1928.2	4375.0	674.	15.07	15.07	0.37	7.8
50	1 1	53.0	3847.0	2008.9	4362.5	676.	15.63	15.63	0.36	7.8
51	1 1	43.0	3839.0	2062.7	4353.7	677.	15.99	15.99	0.36	7.8
52	1 1	33.0	3830.0	2131.7	4330.2	676.	16.31	16.31	0.36	7.7
41+ 52		33.0	3830.0	3165.4	4284.3	688.	24.14	24.14	0.35	7.6
53	1 1	28.0	3827.0	3208.5	4281.9	689.	24.45	24.45	0.35	7.6
54	1 1	18.0	3823.0	3372.8	4270.7	690.	25.58	25.58	0.35	7.6
55	1 1	8.0	3812.0	3446.4	4266.9	691.	26.10	26.10	0.35	7.6

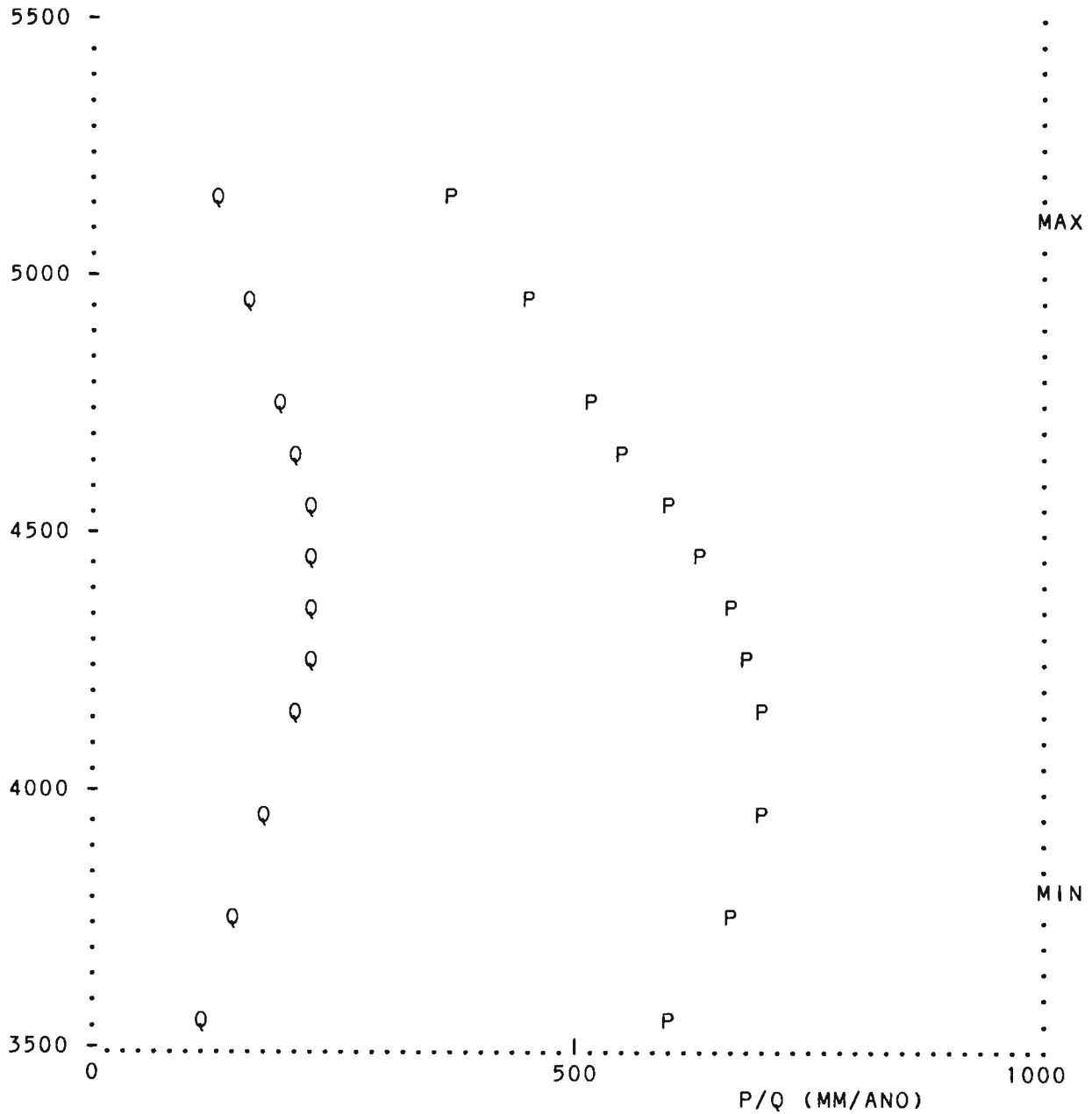
AFLUENTE HUANCANE INF

55	1 1	8.0	3812.0	3446.4	4266.9	691.	26.10	26.10	0.35	7.6
56	1 1	0.0	3806.0	3556.7	4259.2	692.	26.77	26.77	0.34	7.5

- 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 RAMIS : REGIMEN # 1 *
 * CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
 * AMAX = 5128. : AMIN = 3822. *

ALTURA (M.S.N.M.)



A :	3600	3800	4000	4200	4300	4400	4500	4600	4700	4800	5000	5200
Q :	130	160	190	220	235	250	245	240	220	210	170	150
P :	630	700	720	725	710	690	655	620	580	550	475	400
K :	.206	.229	.264	.303	.331	.362	.374	.387	.379	.382	.358	.375

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 MORRENAS										
1	1 1	20.0	4725.0	2.1	4810.0	546.	0.01	0.01	0.32	5.5
2	1 1	10.0	4630.0	74.6	4769.2	559.	0.42	0.42	0.32	5.6
3	1 1	0.0	4590.0	116.2	4742.6	567.	0.66	0.66	0.32	5.7
AFLUENTE CULLCO										
4	1 1	29.0	4602.0	2.7	4729.0	571.	0.02	0.02	0.32	5.7
5	1 1	20.0	4330.0	48.2	4654.4	598.	0.29	0.29	0.32	6.1
6	1 1	10.0	4236.0	186.2	4575.6	628.	1.18	1.18	0.32	6.3
7	1 1	0.0	4149.0	225.2	4565.9	631.	1.43	1.43	0.32	6.4
AFLUENTE AJOYANI										
8	1 1	31.0	4645.0	5.5	4855.0	529.	0.03	0.03	0.31	5.3
9	1 1	20.0	4380.0	61.8	4777.6	556.	0.35	0.35	0.32	5.6
10	1 1	10.0	4196.0	245.3	4582.6	626.	1.53	1.53	0.31	6.2
11	1 1	0.0	4067.0	297.8	4520.8	642.	1.84	1.84	0.30	6.2
AFLUENTE ANTAUTA										
12	1 1	38.0	4696.0	4.8	4751.0	565.	0.03	0.03	0.32	5.7
13	1 1	30.0	4450.0	38.4	4690.6	584.	0.23	0.23	0.32	5.9
14	1 1	20.0	4298.0	112.6	4619.0	612.	0.70	0.70	0.32	6.2
15	1 1	10.0	4175.0	289.6	4501.7	654.	1.86	1.86	0.31	6.4
16	1 1	0.0	4056.0	340.4	4482.2	660.	2.19	2.19	0.31	6.4
AFLUENTE CONDORIRE										
17	1 1	15.0	4378.0	12.3	4576.0	628.	0.08	0.08	0.32	6.4
18	1 1	10.0	4200.0	33.3	4502.8	654.	0.22	0.22	0.31	6.5
19	1 1	0.0	4052.0	102.9	4441.4	676.	0.68	0.68	0.31	6.6

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 PIRHUANI

20	1 1	31.0	4649.0	4.1	4805.0	548.	0.02	0.02	0.32	5.5
21	1 1	20.0	4280.0	52.4	4652.0	600.	0.32	0.32	0.32	6.1
22	1 1	10.0	4052.0	100.3	4496.8	650.	0.62	0.62	0.30	6.2
19+ 22		10.0	4052.0	203.2	4468.7	663.	1.30	1.30	0.30	6.4
23	1 1	0.0	3955.0	244.7	4424.7	673.	1.54	1.54	0.29	6.3

AFLUENTE SAN JUAN

24	1 1	27.0	4653.0	1.9	4742.0	567.	0.01	0.01	0.32	5.7
25	1 1	20.0	4161.0	25.6	4502.2	654.	0.17	0.17	0.31	6.4
26	1 1	10.0	3995.0	81.8	4346.1	695.	0.51	0.51	0.28	6.2
27	1 1	0.0	3939.0	116.8	4286.1	704.	0.71	0.71	0.27	6.0

AFLUENTE VILUYO

28	1 1	30.0	4746.0	2.5	4851.0	531.	0.01	0.01	0.31	5.3
29	1 1	20.0	4440.0	37.9	4718.4	574.	0.22	0.22	0.32	5.8
30	1 1	10.0	4231.0	164.3	4545.0	638.	1.04	1.04	0.31	6.3
31	1 1	0.0	4099.0	310.6	4481.4	661.	2.01	2.01	0.31	6.5

AFLUENTE JORAHUINA

32	1 1	62.0	4798.0	2.2	4907.0	510.	0.01	0.01	0.31	5.0
33	1 1	52.0	4508.0	57.2	4833.9	537.	0.31	0.31	0.32	5.4
34	1 1	42.0	4347.0	123.4	4765.3	559.	0.69	0.69	0.32	5.6
35	1 1	32.0	4232.0	207.2	4683.1	589.	1.23	1.23	0.32	5.9
36	1 1	22.0	4099.0	299.0	4625.0	610.	1.82	1.82	0.32	6.1
31+ 36		22.0	4099.0	609.6	4551.8	636.	3.83	3.83	0.31	6.3
37	1 1	10.0	3978.0	692.6	4515.7	646.	4.33	4.33	0.31	6.3
38	1 1	0.0	3920.0	830.9	4446.0	659.	5.08	5.08	0.29	6.1

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 GRANDE										
39	1 1	141.0	5049.0	0.5	5085.0	443.	0.00	0.00	0.30	4.3
40	1 1	135.0	4730.0	25.9	4944.8	496.	0.12	0.12	0.31	4.8
41	1 1	125.0	4441.0	113.4	4921.8	504.	0.56	0.56	0.31	4.9
42	1 1	115.0	4358.0	187.6	4905.7	510.	0.94	0.94	0.31	5.0
43	1 1	105.0	4271.0	470.3	4812.1	543.	2.55	2.55	0.31	5.4
44	1 1	95.0	4148.0	641.3	4721.4	576.	3.66	3.66	0.31	5.7
45	1 1	85.0	4076.0	810.5	4666.4	595.	4.77	4.77	0.31	5.9
46	1 1	75.0	3993.0	866.1	4643.9	602.	5.12	5.12	0.31	5.9
47	1 1	65.0	3932.0	1144.1	4534.3	632.	6.73	6.73	0.29	5.9
48	1 1	55.0	3920.0	1207.6	4505.4	637.	7.04	7.04	0.29	5.8
38+ 48		55.0	3920.0	2038.5	4481.2	646.	12.12	12.12	0.29	5.9
49	1 1	50.0	3916.0	2079.7	4471.1	647.	12.32	12.32	0.29	5.9
50	1 1	40.0	3904.0	2159.5	4454.4	650.	12.73	12.73	0.29	5.9
51	1 1	30.0	3891.0	2229.1	4439.5	652.	13.07	13.07	0.28	5.9
52	1 1	20.0	3883.0	2441.5	4400.4	658.	14.13	14.13	0.28	5.8
53	1 1	10.0	3875.0	2565.2	4379.9	661.	14.74	14.74	0.27	5.7
54	1 1	0.0	3868.0	2652.1	4366.1	662.	15.17	15.17	0.27	5.7
AFLUENTE YOCARA										
55	1 1	33.0	4525.0	0.7	4560.0	634.	0.00	0.00	0.32	6.4
56	1 1	20.0	3942.0	34.2	4329.8	704.	0.22	0.22	0.28	6.3
57	1 1	10.0	3910.0	65.6	4224.6	713.	0.39	0.39	0.26	5.9
58	1 1	0.0	3880.0	86.6	4207.2	715.	0.51	0.51	0.26	5.8
AFLUENTE TINTIRI										
59	1 1	49.0	4772.0	2.0	4905.0	511.	0.01	0.01	0.31	5.0
60	1 1	40.0	4108.0	26.4	4775.6	557.	0.15	0.15	0.32	5.6
61	1 1	30.0	3927.0	90.4	4438.9	665.	0.55	0.55	0.29	6.0
62	1 1	20.0	3877.0	333.1	4219.7	708.	1.90	1.90	0.25	5.7
63	1 1	10.0	3871.0	462.9	4207.1	712.	2.64	2.64	0.25	5.7
64	1 1	0.0	3865.0	575.1	4184.7	714.	3.25	3.25	0.25	5.6
AFLUENTE SAN JOSE										
65	1 1	61.0	4730.0	2.3	4803.0	549.	0.01	0.01	0.32	5.5
66	1 1	50.0	4294.0	45.3	4762.2	561.	0.26	0.26	0.32	5.7
67	1 1	40.0	4009.0	85.1	4641.9	604.	0.51	0.51	0.32	6.0
68	1 1	30.0	3923.0	149.6	4445.3	656.	0.89	0.89	0.28	5.9
69	1 1	20.0	3880.0	168.6	4413.2	664.	0.99	0.99	0.28	5.9
58+ 69		20.0	3880.0	255.2	4343.3	681.	1.50	1.50	0.27	5.9
70	1 1	6.0	3865.0	299.3	4312.8	688.	1.75	1.75	0.27	5.8
64+ 70		6.0	3865.0	874.4	4228.5	705.	4.99	4.99	0.26	5.7
71	1 1	0.0	3848.0	896.3	4222.8	705.	5.10	5.10	0.25	5.7

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 ANTAYMARCA

72	1 1	35.0	5060.0	1.7	5128.0	427.	0.01	0.01	0.31	4.2
73	1 1	30.0	4696.0	9.7	4993.6	477.	0.04	0.04	0.30	4.6
74	1 1	20.0	4449.0	56.4	4750.5	562.	0.32	0.32	0.31	5.6
75	1 1	10.0	4221.0	152.5	4670.1	593.	0.92	0.92	0.32	6.0
76	1 1	0.0	4084.0	294.1	4638.8	605.	1.81	1.81	0.32	6.2

AFLUENTE MACARI

77	1 1	56.0	4519.0	3.4	5128.0	427.	0.01	0.01	0.31	4.2
78	1 1	50.0	4298.0	22.4	4809.1	544.	0.12	0.12	0.32	5.5
79	1 1	40.0	4046.0	132.0	4501.0	654.	0.84	0.84	0.31	6.4
80	1 1	30.0	3978.0	231.2	4397.6	681.	1.44	1.44	0.29	6.2
81	1 1	20.0	3949.0	356.2	4312.5	696.	2.15	2.15	0.27	6.0
82	1 1	10.0	3932.0	439.5	4285.1	701.	2.62	2.62	0.27	6.0
83	1 1	0.0	3892.0	520.0	4278.9	704.	3.11	3.11	0.27	6.0

AFLUENTE PARINA

84	1 1	33.0	4820.0	1.1	4862.0	527.	0.01	0.01	0.31	5.2
85	1 1	20.0	4245.0	66.4	4715.5	575.	0.38	0.38	0.32	5.8
86	1 1	10.0	4026.0	137.2	4555.6	630.	0.85	0.85	0.31	6.2
87	1 1	0.0	3928.0	234.8	4446.9	664.	1.45	1.45	0.29	6.2

AFLUENTE SANTA ROSA

88	1 1	69.0	4620.0	3.5	4970.0	486.	0.02	0.02	0.30	4.7
89	1 1	61.0	4149.0	41.0	4784.3	554.	0.23	0.23	0.32	5.6
90	1 1	51.0	4019.0	186.0	4538.5	641.	1.17	1.17	0.31	6.3
91	1 1	41.0	3958.0	332.9	4553.7	636.	2.11	2.11	0.31	6.3
92	1 1	31.0	3928.0	403.9	4514.1	648.	2.56	2.56	0.31	6.3
87+ 92		31.0	3928.0	638.7	4489.4	654.	4.01	4.01	0.30	6.3
93	1 1	20.0	3900.0	694.1	4454.6	659.	4.30	4.30	0.30	6.2
94	1 1	10.0	3892.0	836.9	4371.1	669.	5.00	5.00	0.28	6.0
95	1 1	0.0	3887.0	888.4	4348.2	672.	5.25	5.25	0.28	5.9

AFLUENTE UMACHIRI

96	1 1	45.0	4675.0	4.9	4907.0	510.	0.02	0.02	0.31	5.0
97	1 1	40.0	4550.0	20.1	4761.8	560.	0.11	0.11	0.32	5.6
98	1 1	30.0	3990.0	69.7	4652.4	600.	0.43	0.43	0.32	6.1
99	1 1	20.0	3918.0	124.9	4550.5	637.	0.79	0.79	0.31	6.3
100	1 1	10.0	3898.0	273.9	4397.9	679.	1.70	1.70	0.29	6.2
101	1 1	0.0	3882.0	293.2	4365.5	681.	1.79	1.79	0.28	6.1

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 VENTILLA

102	1 1	43.0	4900.0	2.2	5016.0	469.	0.01	0.01	0.30	4.5
103	1 1	30.0	3963.0	171.7	4360.5	697.	1.10	1.10	0.29	6.4
104	1 1	20.0	3912.0	220.7	4318.2	703.	1.38	1.38	0.28	6.2
105	1 1	10.0	3890.0	397.2	4304.3	707.	2.47	2.47	0.28	6.2
106	1 1	0.0	3869.0	419.5	4283.4	707.	2.57	2.57	0.27	6.1

AFLUENTE PUCARA

107	1 1	227.0	4823.0	3.0	4920.0	505.	0.01	0.01	0.31	4.9
108	1 1	220.0	4538.0	48.5	4860.0	528.	0.25	0.25	0.31	5.2
109	1 1	210.0	4327.0	161.2	4799.2	549.	0.89	0.89	0.32	5.5
110	1 1	200.0	4183.0	356.8	4717.4	577.	2.08	2.08	0.32	5.8
111	1 1	190.0	4088.0	473.8	4662.2	597.	2.84	2.84	0.32	6.0
76+111		190.0	4088.0	767.9	4653.2	600.	4.65	4.65	0.32	6.1
112	1 1	177.0	3987.0	1052.1	4604.0	618.	6.50	6.50	0.32	6.2
113	1 1	167.0	3921.0	1108.5	4581.5	623.	6.82	6.82	0.31	6.2
114	1 1	157.0	3918.0	1220.5	4546.7	632.	7.48	7.48	0.31	6.1
115	1 1	147.0	3892.0	1261.0	4529.4	635.	7.68	7.68	0.30	6.1
83+115		147.0	3892.0	1781.0	4456.2	655.	10.79	10.79	0.29	6.1
116	1 1	145.0	3887.0	1820.8	4445.7	657.	10.98	10.98	0.29	6.0
95+116		145.0	3887.0	2709.2	4413.7	662.	16.24	16.24	0.29	6.0
117	1 1	139.0	3882.0	2786.2	4405.2	663.	16.65	16.65	0.28	6.0
101+117		139.0	3882.0	3079.4	4401.4	665.	18.44	18.44	0.28	6.0
118	1 1	131.0	3880.0	3156.9	4391.3	666.	18.83	18.83	0.28	6.0
119	1 1	121.0	3878.0	3255.9	4382.9	668.	19.37	19.37	0.28	5.9
120	1 1	111.0	3876.0	3352.9	4372.4	670.	19.87	19.87	0.28	5.9
121	1 1	101.0	3874.0	3392.9	4368.7	670.	20.08	20.08	0.28	5.9
122	1 1	91.0	3869.0	3547.9	4349.0	672.	20.81	20.81	0.28	5.9
106+122		91.0	3869.0	3967.4	4342.0	676.	23.38	23.38	0.28	5.9
123	1 1	80.0	3866.0	4139.9	4330.7	678.	24.29	24.29	0.27	5.9
124	1 1	70.0	3861.0	4173.4	4327.7	678.	24.45	24.45	0.27	5.9
125	1 1	60.0	3854.0	4381.7	4321.0	680.	25.66	25.66	0.27	5.9
126	1 1	50.0	3846.0	4489.2	4311.5	681.	26.16	26.16	0.27	5.8
127	1 1	40.0	3841.0	4692.2	4301.0	683.	27.24	27.24	0.27	5.8
128	1 1	30.0	3834.0	4834.7	4291.7	684.	27.95	27.95	0.27	5.8
129	1 1	20.0	3828.0	4981.2	4282.1	685.	28.67	28.67	0.27	5.8
130	1 1	10.0	3822.0	5040.9	4278.6	685.	28.96	28.96	0.26	5.7
131	1 1	0.0	3819.0	5076.9	4276.3	685.	29.14	29.14	0.26	5.7

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 RAMIS SUP

132	1 1	351.0	4842.0	10.2	4970.0	486.	0.05	0.05	0.30	4.7
133	1 1	342.0	4651.0	101.2	4959.2	490.	0.48	0.48	0.30	4.7
134	1 1	332.0	4476.0	284.2	4744.0	567.	1.62	1.62	0.32	5.7
135	1 1	322.0	4395.0	436.2	4692.1	586.	2.58	2.58	0.32	5.9
136	1 1	312.0	4344.0	675.7	4661.9	597.	4.09	4.09	0.32	6.1
137	1 1	302.0	4301.0	753.3	4650.7	601.	4.59	4.59	0.32	6.1
138	1 1	292.0	4256.0	968.8	4637.2	606.	5.96	5.96	0.32	6.2
3+138		292.0	4256.0	1085.0	4648.5	602.	6.63	6.63	0.32	6.1
139	1 1	278.0	4210.0	1197.5	4636.5	606.	7.35	7.35	0.32	6.1
140	1 1	268.0	4149.0	1352.0	4620.3	612.	8.36	8.36	0.32	6.2
7+140		268.0	4149.0	1577.2	4612.6	615.	9.79	9.79	0.32	6.2
141	1 1	259.0	4108.0	1753.0	4599.1	620.	10.93	10.93	0.32	6.2
142	1 1	249.0	4091.0	2050.5	4565.8	631.	12.86	12.86	0.31	6.3
143	1 1	239.0	4080.0	2229.5	4554.9	635.	14.04	14.04	0.31	6.3
144	1 1	229.0	4067.0	2368.7	4543.7	638.	14.94	14.94	0.31	6.3
11+144		229.0	4067.0	2666.5	4541.1	639.	16.79	16.79	0.31	6.3
145	1 1	227.0	4066.0	2679.5	4539.6	639.	16.86	16.86	0.31	6.3
16+145		227.0	4066.0	3019.9	4533.1	642.	19.06	19.06	0.31	6.3
146	1 1	221.0	4049.0	3071.6	4530.5	642.	19.40	19.40	0.31	6.3
147	1 1	211.0	4023.0	3133.1	4527.1	644.	19.79	19.79	0.31	6.3
148	1 1	201.0	3988.0	3280.6	4524.1	645.	20.75	20.75	0.31	6.3
149	1 1	191.0	3952.0	3439.6	4523.9	645.	21.78	21.78	0.31	6.3
23+149		191.0	3952.0	3684.3	4517.3	647.	23.32	23.32	0.31	6.3
150	1 1	185.0	3939.0	3710.3	4515.9	647.	23.49	23.49	0.31	6.3
27+150		185.0	3939.0	3827.1	4508.9	649.	24.19	24.19	0.31	6.3
151	1 1	175.0	3906.0	3902.1	4504.5	650.	24.65	24.65	0.31	6.3
152	1 1	165.0	3889.0	3982.1	4499.0	652.	25.13	25.13	0.31	6.3
153	1 1	155.0	3868.0	4073.6	4491.6	653.	25.65	25.65	0.30	6.3
54+153		155.0	3868.0	6725.7	4442.1	657.	40.82	40.82	0.29	6.1
154	1 1	142.0	3861.0	6777.7	4439.9	657.	41.11	41.11	0.29	6.1
155	1 1	132.0	3848.0	6895.7	4434.0	658.	41.75	41.75	0.29	6.1
71+155		132.0	3848.0	7792.0	4409.7	664.	46.85	46.85	0.29	6.0
156	1 1	124.0	3844.0	7870.5	4405.4	664.	47.24	47.24	0.28	6.0
157	1 1	114.0	3837.0	7999.0	4400.0	665.	47.92	47.92	0.28	6.0
158	1 1	104.0	3833.0	8107.0	4397.2	666.	48.54	48.54	0.28	6.0
159	1 1	94.0	3829.0	8136.0	4395.6	666.	48.68	48.68	0.28	6.0
160	1 1	84.0	3825.0	8216.6	4391.2	667.	49.07	49.07	0.28	6.0
161	1 1	74.0	3822.0	8244.1	4389.6	667.	49.20	49.20	0.28	6.0
162	1 1	64.0	3819.0	8281.1	4387.4	667.	49.37	49.37	0.28	6.0
131+162		64.0	3819.0	13358.0	4345.2	674.	78.51	78.51	0.27	5.9
163	1 1	53.0	3817.0	13549.5	4338.7	674.	79.39	79.39	0.27	5.9
164	1 1	43.0	3815.0	13623.5	4336.2	675.	79.72	79.72	0.27	5.9
165	1 1	33.0	3813.0	13682.0	4334.2	675.	79.98	79.98	0.27	5.8
166	1 1	23.0	3811.0	13722.0	4332.8	675.	80.16	80.16	0.27	5.8
167	1 1	13.0	3809.0	13754.2	4331.6	675.	80.30	80.30	0.27	5.8

AFLUENTE RAMIS INF

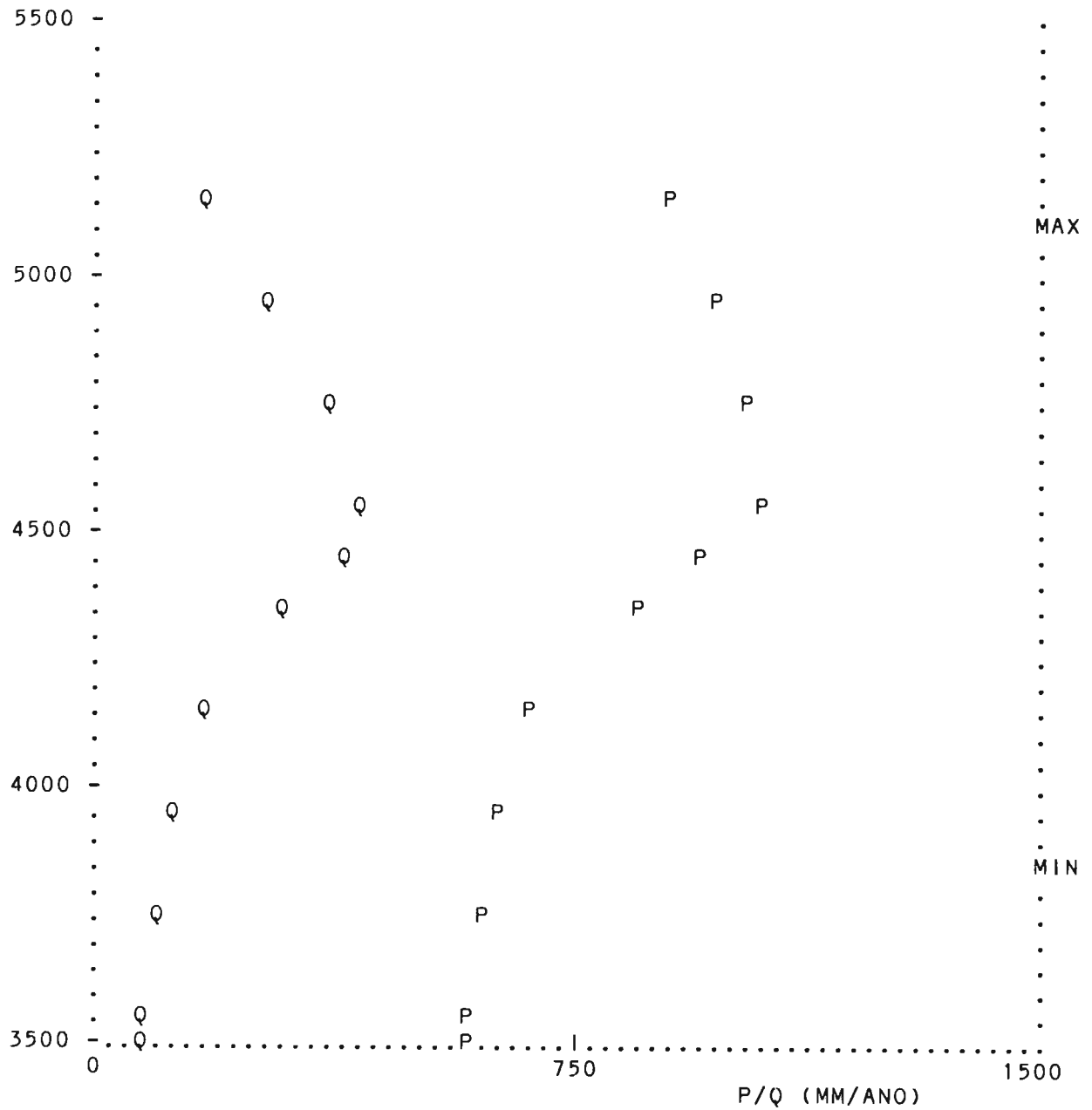
167	1 1	13.0	3809.0	13754.2	4331.6	675.	80.30	80.30	0.27	5.8
168	1 1	6.0	3806.0	14401.2	4308.7	676.	83.65	83.65	0.27	5.8
169	1 1	0.0	3805.0	14444.2	4307.3	676.	83.88	83.88	0.27	5.8

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*          CUENCA DEL RIO COATA          : REGIMEN # 1          *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
*          AMAX = 5128. : AMIN = 3854.          *
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ALTURA (M.S.N.M.)



A :	3500	3600	3800	4000	4200	4400	4500	4600	4800	5000	5200
Q :	90	100	110	150	200	320	410	450	400	300	200
P :	610	620	650	670	720	880	1000	1080	1070	1020	950
K :	.148	.161	.169	.224	.278	.364	.410	.417	.374	.294	.211

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 ATICAYA

1	1 1	27.0	4830.0	3.1	4935.0	1036.	0.03	0.03	0.32	10.4
2	1 1	20.0	4642.0	14.1	4827.3	1063.	0.17	0.17	0.36	12.1
3	1 1	10.0	4383.0	74.6	4497.8	935.	0.81	0.81	0.37	10.9
4	1 1	0.0	4356.0	129.6	4453.3	909.	1.36	1.36	0.36	10.5

AFLUENTE CAQUETE

5	1 1	18.0	4800.0	3.0	5075.0	994.	0.03	0.03	0.27	8.6
6	1 1	10.0	4540.0	28.8	4902.1	1044.	0.33	0.33	0.34	11.4
7	1 1	0.0	4238.0	93.8	4628.3	1017.	1.21	1.21	0.40	12.9

AFLUENTE PARATIA

8	1 1	30.0	4905.0	1.4	4912.0	1042.	0.02	0.02	0.34	11.3
9	1 1	20.0	4359.0	51.2	4676.6	1076.	0.72	0.72	0.41	14.1
10	1 1	10.0	4233.0	217.9	4629.5	1078.	3.15	3.15	0.42	14.5
7+ 10		10.0	4233.0	311.7	4629.1	1060.	4.36	4.36	0.42	14.0
11	1 1	0.0	4172.0	376.9	4611.8	1054.	5.26	5.26	0.42	14.0

AFLUENTE VERDE SUP

12	1 1	54.0	4755.0	6.4	5078.0	993.	0.05	0.05	0.27	8.5
13	1 1	48.0	4555.0	39.4	4984.2	1023.	0.40	0.40	0.31	10.1
14	1 1	38.0	4425.0	134.2	4839.9	1057.	1.65	1.65	0.37	12.3
15	1 1	28.0	4307.0	255.9	4784.3	1065.	3.32	3.32	0.38	13.0
16	1 1	18.0	4172.0	327.4	4755.2	1063.	4.35	4.35	0.39	13.3
11+ 16		18.0	4172.0	704.3	4678.5	1060.	9.61	9.61	0.41	13.6
17	1 1	10.0	4109.0	776.6	4664.2	1056.	10.60	10.60	0.41	13.6

AFLUENTE VERDE INF

17	1 1	10.0	4109.0	776.6	4664.2	1056.	10.60	10.60	0.41	13.6
18	1 1	0.0	4049.0	902.6	4625.8	1031.	11.71	11.71	0.40	13.0

AFLUENTE COMPUERTA

19	1 1	10.0	4140.0	169.0	4356.0	845.	1.39	1.39	0.31	8.2
20	1 1	0.0	3997.0	244.4	4329.8	824.	1.91	1.91	0.30	7.8

AFLUENTE COTANA

21	1 1	31.0	4650.0	0.9	4683.0	1076.	0.01	0.01	0.35	12.1
22	1 1	20.0	4195.0	54.5	4427.3	910.	0.52	0.52	0.33	9.6
23	1 1	10.0	4024.0	157.0	4391.2	876.	1.40	1.40	0.32	8.9
24	1 1	0.0	3938.0	233.0	4325.6	824.	1.82	1.82	0.30	7.8

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO COATA

2/16/79

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 PUMAHUASI										
25	1 1	17.0	4875.0	3.0	5128.0	975.	0.02	0.02	0.21	6.6
26	1 1	10.0	4230.0	41.1	4722.9	1068.	0.48	0.48	0.34	11.6
27	1 1	0.0	4022.0	81.6	4532.9	951.	0.80	0.80	0.33	9.8
AFLUENTE ANTALLA										
28	1 1	22.0	4680.0	3.2	4750.0	1072.	0.04	0.04	0.34	11.6
29	1 1	10.0	4160.0	80.2	4617.5	1079.	1.00	1.00	0.37	12.5
30	1 1	0.0	3975.0	107.5	4545.5	1015.	1.22	1.22	0.35	11.3
AFLUENTE CHURUCAMA										
31	1 1	28.0	4602.0	2.0	4750.0	1072.	0.02	0.02	0.34	11.6
32	1 1	20.0	3949.0	29.4	4486.2	968.	0.32	0.32	0.35	10.7
33	1 1	10.0	3843.0	89.1	4331.3	831.	0.71	0.71	0.30	7.9
34	1 1	0.0	3836.0	168.3	4259.2	776.	1.14	1.14	0.27	6.8
AFLUENTE CHAQUIMAYO										
35	1 1	33.0	4588.0	1.8	4712.0	1074.	0.02	0.02	0.35	11.9
36	1 1	23.0	3975.0	40.8	4509.4	1003.	0.47	0.47	0.36	11.5
37	1 1	13.0	3861.0	72.2	4369.6	879.	0.64	0.64	0.32	8.9
38	1 1	3.0	3836.0	151.2	4254.9	789.	1.06	1.06	0.28	7.0
34+ 38		3.0	3836.0	319.5	4257.1	782.	2.20	2.20	0.28	6.9
39	1 1	0.0	3827.0	383.5	4229.4	767.	2.51	2.51	0.27	6.5
AFLUENTE LAMPA										
40	1 1	92.0	4920.0	1.8	5025.0	1011.	0.01	0.01	0.25	8.1
41	1 1	81.0	4270.0	48.3	4682.3	1074.	0.58	0.58	0.35	12.0
42	1 1	71.0	4022.0	239.8	4486.4	955.	2.48	2.48	0.34	10.3
27+ 42		71.0	4022.0	321.4	4498.2	954.	3.28	3.28	0.34	10.2
43	1 1	63.0	3975.0	388.0	4465.0	928.	3.77	3.77	0.33	9.7
30+ 43		63.0	3975.0	495.5	4482.5	947.	4.99	4.99	0.34	10.1
44	1 1	57.0	3938.0	624.3	4438.7	912.	5.87	5.87	0.33	9.4
45	1 1	47.0	3870.0	674.3	4414.9	896.	6.12	6.12	0.32	9.1
46	1 1	37.0	3849.0	842.7	4392.4	877.	7.36	7.36	0.31	8.7
47	1 1	27.0	3843.0	862.9	4382.7	872.	7.44	7.44	0.31	8.6
48	1 1	17.0	3827.0	920.4	4355.7	859.	7.66	7.66	0.31	8.3
39+ 48		17.0	3827.0	1303.9	4318.5	832.	10.17	10.17	0.30	7.8
49	1 1	10.0	3827.0	1383.5	4294.4	822.	10.46	10.46	0.29	7.6
50	1 1	0.0	3825.0	1431.3	4286.9	818.	10.69	10.69	0.29	7.5

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 COATA °A°

51	1 1	195.0	4830.0	45.8	4940.0	1035.	0.47	0.47	0.31	10.3
52	1 1	138.0	4562.0	110.8	4902.5	1044.	1.21	1.21	0.33	10.9
53	1 1	178.0	4481.0	171.6	4836.0	1055.	2.01	2.01	0.35	11.7
54	1 1	168.0	4310.0	182.2	4809.0	1043.	2.11	2.11	0.35	11.6
4+ 54		168.0	4310.0	311.8	4661.2	988.	3.47	3.47	0.36	11.1
55	1 1	162.0	4286.0	445.3	4609.9	988.	5.16	5.16	0.37	11.6
56	1 1	152.0	4198.0	547.3	4580.8	980.	6.32	6.32	0.37	11.5
57	1 1	142.0	4156.0	606.5	4566.8	974.	6.98	6.98	0.37	11.5
58	1 1	132.0	4130.0	780.5	4520.9	946.	7.10	8.60	0.37	11.0

AFLUENTE COATA °B°

58	1 1	132.0	4130.0	780.5	4520.9	946.	7.10	8.60	0.37	11.0
59	1 1	123.0	4047.0	814.9	4513.9	942.	7.38	8.88	0.36	10.9
18+ 59		123.0	4047.0	1717.5	4572.7	989.	19.09	20.59	0.38	12.0
60	1 1	122.0	4045.0	1720.9	4572.1	988.	19.12	20.62	0.38	12.0
61	1 1	115.0	3996.0	1770.6	4562.9	982.	19.43	20.93	0.38	11.8
20+ 61		115.0	3996.0	2015.0	4534.6	963.	21.34	22.84	0.37	11.3
62	1 1	103.0	3938.0	2186.2	4515.3	949.	22.55	24.05	0.37	11.0
24+ 62		103.0	3938.0	2419.2	4497.0	937.	24.37	25.87	0.36	10.7
63	1 1	93.0	3905.0	2483.2	4490.4	932.	24.78	26.28	0.36	10.6
64	1 1	83.0	3880.0	2544.2	4482.9	927.	25.11	26.61	0.36	10.5
65	1 1	73.0	3854.0	2655.7	4475.3	922.	25.93	27.43	0.35	10.3
66	1 1	63.0	3836.0	2754.9	4455.6	912.	26.31	27.81	0.35	10.1
67	1 1	53.0	3825.0	2793.9	4449.1	909.	26.47	27.97	0.35	10.0
50+ 67		53.0	3825.0	4225.2	4394.1	878.	37.16	38.66	0.33	9.1
68	1 1	45.0	3815.0	4334.7	4383.4	873.	37.60	39.10	0.33	9.0

AFLUENTE COATA °C°

68	1 1	45.0	3815.0	4334.7	4383.4	873.	37.60	39.10	0.33	9.0
69	1 1	40.0	3810.0	4383.7	4377.9	870.	37.80	39.30	0.32	9.0
70	1 1	30.0	3806.0	4493.1	4365.5	865.	38.26	39.76	0.32	8.8
71	1 1	20.0	3804.0	4601.1	4354.4	860.	38.67	40.17	0.32	8.7
72	1 1	10.0	3802.0	4672.7	4347.3	857.	38.96	40.46	0.32	8.7
73	1 1	0.0	3800.0	4757.2	4338.5	854.	39.28	40.78	0.32	8.6

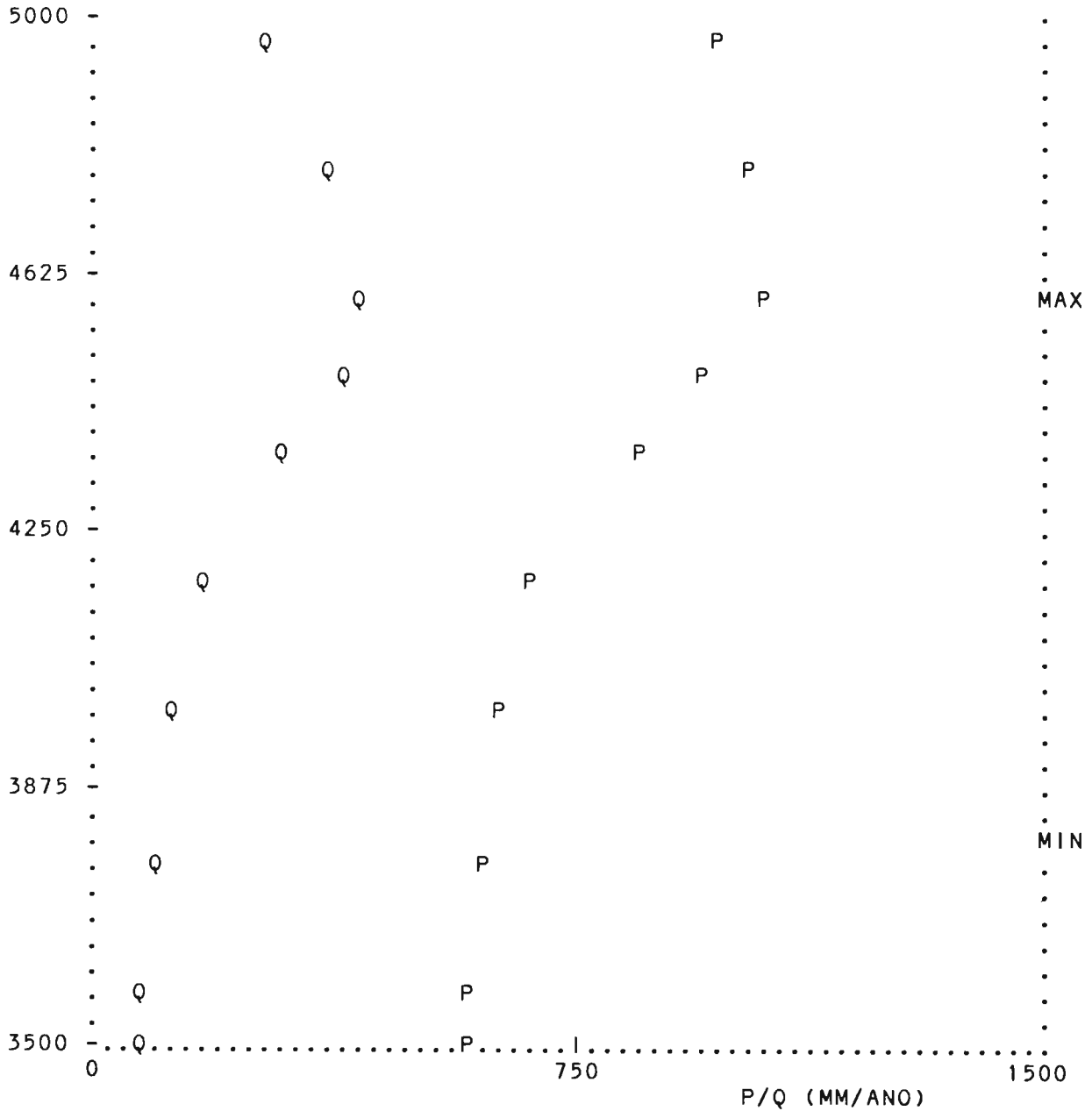
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- CEAT = COEFICIENTE DE ESCURRIMIENTO DE TODA LA CUENCA HASTA EL PUNTO
- RQT = RENDIMIENTO DE TODA LA CUENCA HASTA EL PUNTO
- RP = REGIMEN DE PRECIPITACION
- RE = REGIMEN DE ESCURRIMIENTO

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* CUENCA DEL RIO ILLPA : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4615. : AMIN = 3810. *
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ALTURA (M.S.N.M.)



A :	3500	3600	3800	4000	4200	4400	4500	4600	4800	5000	5200
Q :	90	100	110	150	200	320	410	450	400	300	200
P :	610	620	650	670	720	880	1000	1080	1070	1020	950
K :	.148	.161	.169	.224	.278	.364	.410	.417	.374	.294	.211

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 CHALLAMAYO

1	1 1	42.0	4346.0	6.2	4498.0	998.	0.08	0.08	0.41	12.9
2	1 1	30.0	3918.0	60.9	4323.7	823.	0.54	0.54	0.34	8.8
3	1 1	20.0	3849.0	166.9	4220.4	751.	1.17	1.17	0.30	7.0
4	1 1	10.0	3830.0	226.9	4164.2	730.	1.46	1.46	0.28	6.5
5	1 1	0.0	3827.0	319.2	4093.9	711.	1.86	1.86	0.26	5.8

AFLUENTE CONAVIRI

6	1 1	47.0	4548.0	3.8	4615.0	1079.	0.05	0.05	0.41	14.2
7	1 1	40.0	4200.0	30.0	4486.6	977.	0.37	0.37	0.40	12.3
8	1 1	30.0	3976.0	112.0	4350.7	848.	1.05	1.05	0.35	9.4
9	1 1	20.0	3863.0	133.5	4327.6	828.	1.19	1.19	0.34	8.9
10	1 1	10.0	3836.0	273.5	4181.4	753.	1.90	1.90	0.29	6.9
11	1 1	0.0	3829.0	332.1	4124.3	736.	2.13	2.13	0.27	6.4

AFLUENTE ILLPA SUP.

12	1 1	92.0	4428.0	6.7	4526.0	1021.	0.09	0.09	0.41	13.3
13	1 1	83.0	4191.0	42.1	4507.5	1006.	0.55	0.55	0.41	13.1
14	1 1	73.0	3987.0	117.5	4418.0	909.	1.27	1.27	0.38	10.8
15	1 1	63.0	3869.0	172.4	4393.5	885.	1.77	1.77	0.37	10.2
16	1 1	53.0	3840.0	218.6	4353.2	850.	2.06	2.06	0.35	9.4
17	1 1	43.0	3836.0	320.8	4307.6	811.	2.73	2.73	0.33	8.5
5+ 17		43.0	3836.0	640.0	4201.0	761.	4.59	4.59	0.30	7.2
18	1 1	34.0	3829.0	676.3	4189.3	756.	4.75	4.75	0.29	7.0
11+ 18		34.0	3829.0	1008.4	4167.9	749.	6.88	6.88	0.29	6.8
19	1 1	25.0	3822.0	1072.4	4156.0	744.	7.17	7.17	0.28	6.7
20	1 1	15.0	3816.0	1107.4	4147.4	742.	7.31	7.31	0.28	6.6
21	1 1	5.0	3814.0	1154.6	4136.1	738.	7.50	7.50	0.28	6.5
22	1 1	0.0	3800.0	1165.4	4133.0	737.	7.54	7.54	0.28	6.5

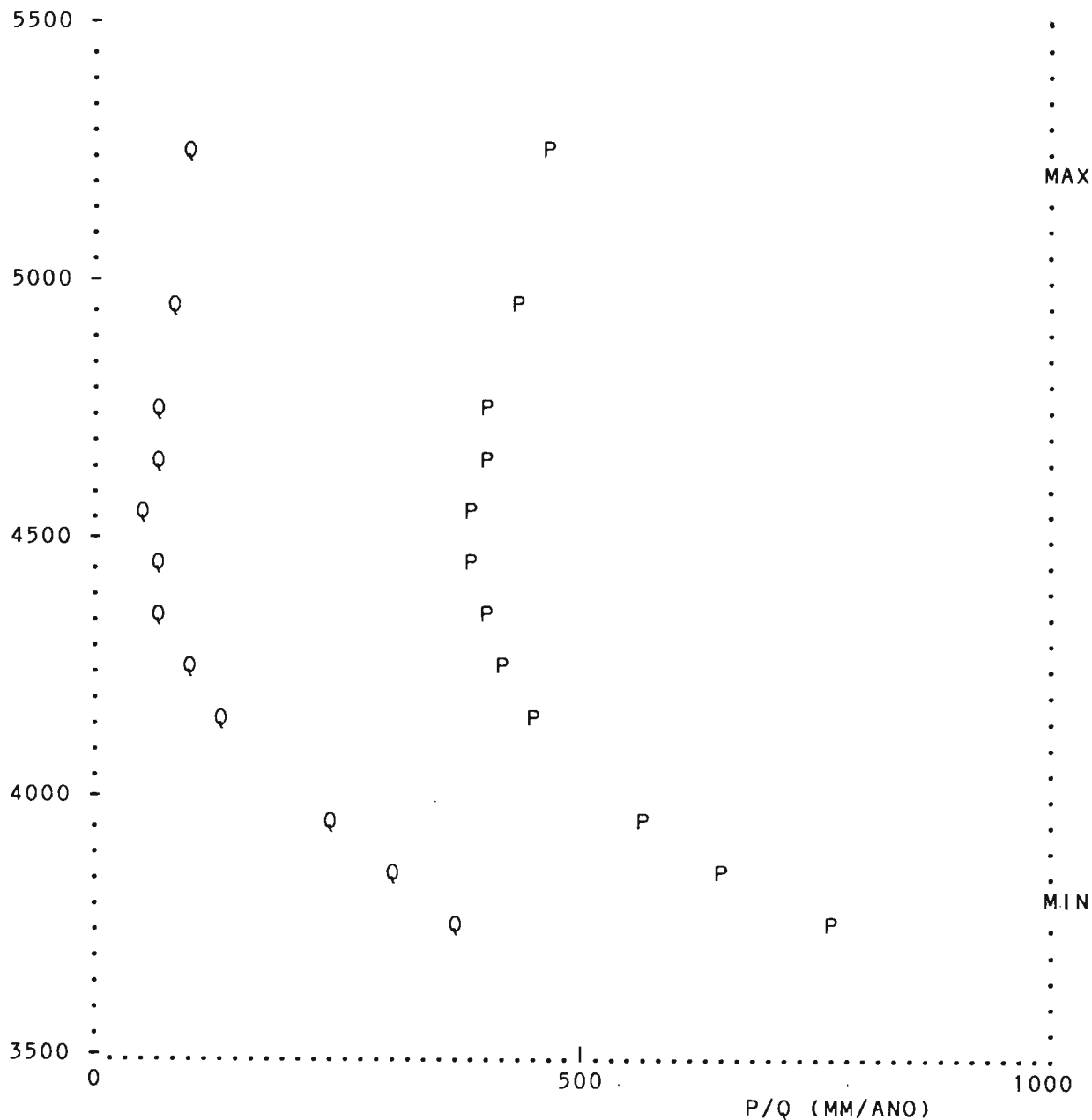
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- RP = REGIMEN DE PRECIPITACION
- RE = REGIMEN DE ESCURRIMIENTO

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* CUENCA DEL RIO ILAVE : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 5248. : AMIN = 3826. *
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ALTURA (M.S.N.M.)



A :	3800	3900	4000	4200	4300	4400	4500	4600	4700	4800	5000	5300
Q :	400	320	265	150	110	75	70	65	70	80	85	105
P :	786	675	587	471	438	418	410	410	417	428	460	500
K :	.509	.474	.451	.318	.251	.179	.171	.159	.168	.187	.185	.210

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 CHILA

1	1 1	31.0	5000.0	0.9	5050.0	467.	0.00	0.00	0.19	2.8
2	1 1	20.0	4525.0	57.3	4722.9	420.	0.13	0.13	0.17	2.3
3	1 1	10.0	4360.0	138.0	4686.0	416.	0.30	0.30	0.17	2.2
4	1 1	0.0	4180.0	201.7	4637.2	414.	0.44	0.44	0.17	2.2

AFLUENTE LLUSTA

5	1 1	34.0	4865.0	0.8	4900.0	444.	0.00	0.00	0.13	1.9
6	1 1	20.0	4230.0	71.3	4609.5	411.	0.11	0.11	0.11	1.5
7	1 1	10.0	4100.0	200.8	4533.1	411.	0.31	0.31	0.12	1.6
8	1 1	0.0	4008.0	525.8	4412.2	423.	1.03	1.03	0.15	1.9

AFLUENTE CHILISAYA

9	1 1	42.0	4950.0	1.1	5037.5	465.	0.00	0.00	0.20	2.9
10	1 1	30.0	4405.0	34.6	4742.7	422.	0.08	0.08	0.18	2.4
11	1 1	20.0	4140.0	118.3	4619.6	414.	0.27	0.27	0.17	2.3
12	1 1	10.0	4050.0	251.2	4483.7	420.	0.66	0.66	0.20	2.6
13	1 1	0.0	3959.0	276.0	4444.6	432.	0.85	0.85	0.23	3.1

AFLUENTE CACHAKARA

14	1 1	36.0	4750.0	0.6	4775.0	425.	0.00	0.00	0.19	2.6
15	1 1	30.0	4320.0	19.0	4633.6	412.	0.04	0.04	0.17	2.2
16	1 1	20.0	4030.0	78.5	4455.3	417.	0.19	0.19	0.18	2.4
17	1 1	10.0	3965.0	205.6	4340.5	436.	0.71	0.71	0.25	3.4
18	1 1	0.0	3948.0	372.8	4245.5	470.	1.77	1.77	0.32	4.7

AFLUENTE CONDORIRE

19	1 1	46.0	5075.0	0.5	5153.0	480.	0.00	0.00	0.21	3.2
20	1 1	40.0	4580.0	13.9	4839.1	434.	0.04	0.04	0.20	2.7
21	1 1	30.0	4210.0	112.8	4636.1	413.	0.25	0.25	0.17	2.2
22	1 1	20.0	4050.0	295.5	4527.7	413.	0.69	0.69	0.18	2.3
23	1 1	10.0	3975.0	554.9	4437.7	422.	1.53	1.53	0.21	2.8
24	1 1	0.0	3945.0	609.8	4429.8	422.	1.70	1.70	0.21	2.8

AFLUENTE TURNAVI

25	1 1	28.0	5000.0	0.1	5067.0	469.	0.00	0.00	0.20	3.0
26	1 1	20.0	4280.0	10.8	4623.9	412.	0.02	0.02	0.17	2.2
27	1 1	10.0	4005.0	56.1	4262.2	471.	0.27	0.27	0.32	4.8
28	1 1	0.0	3901.0	164.7	4086.9	550.	1.23	1.23	0.43	7.5

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO ILAVE

2/16/79

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 MALCOMAYO

29	1 1	43.0	4550.0	3.2	4585.1	410.	0.01	0.01	0.17	2.2
30	1 1	30.0	3956.0	49.8	4285.9	447.	0.20	0.20	0.28	4.0
31	1 1	20.0	3905.0	226.4	4212.4	469.	1.11	1.11	0.33	4.9
32	1 1	10.0	3885.0	312.5	4166.2	495.	1.79	1.79	0.36	5.7
33	1 1	0.0	3880.0	395.3	4113.9	529.	2.64	2.64	0.40	6.7

AFLUENTE CHULLUMPI

34	1 1	52.0	4780.0	2.6	4843.0	435.	0.01	0.01	0.20	2.7
35	1 1	45.0	4150.0	34.2	4474.7	416.	0.08	0.08	0.18	2.4
36	1 1	35.0	3982.0	146.7	4448.1	415.	0.36	0.36	0.18	2.4
37	1 1	25.0	3923.0	239.9	4331.3	449.	0.91	0.91	0.27	3.8
38	1 1	15.0	3895.0	267.4	4297.9	462.	1.15	1.15	0.29	4.3
39	1 1	5.0	3886.0	288.5	4267.9	479.	1.38	1.38	0.32	4.8
33+ 39		5.0	3886.0	683.8	4178.9	508.	4.02	4.02	0.37	5.9
40	1 1	0.0	3882.0	832.6	4142.6	526.	5.40	5.40	0.39	6.5

AFLUENTE TUNQUIPA

41	1 1	55.0	4660.0	1.9	4681.4	416.	0.00	0.00	0.17	2.3
42	1 1	50.0	4260.0	16.5	4449.0	416.	0.04	0.04	0.18	2.4
43	1 1	40.0	4030.0	80.8	4351.9	429.	0.25	0.25	0.23	3.2
44	1 1	30.0	3949.0	124.6	4283.0	453.	0.51	0.51	0.28	4.1
45	1 1	20.0	3918.0	156.9	4245.5	468.	0.73	0.73	0.31	4.6
46	1 1	10.0	3890.0	185.1	4214.1	483.	0.96	0.96	0.34	5.2
47	1 1	0.0	3880.0	218.6	4179.0	501.	1.26	1.26	0.36	5.8

AFLUENTE GRANDE

48	1 1	74.0	4850.0	0.8	4900.0	444.	0.00	0.00	0.19	2.7
49	1 1	69.0	4505.0	11.9	4950.6	452.	0.03	0.03	0.19	2.8
50	1 1	59.0	4100.0	94.2	4571.3	415.	0.22	0.22	0.18	2.4
51	1 1	49.0	3985.0	214.3	4402.5	434.	0.71	0.71	0.24	3.3
52	1 1	39.0	3940.0	434.6	4307.8	450.	1.76	1.76	0.28	4.0
53	1 1	29.0	3907.0	566.7	4276.8	458.	2.48	2.48	0.30	4.4
54	1 1	19.0	3882.0	629.1	4246.1	474.	3.07	3.07	0.32	4.9
40+ 54		19.0	3882.0	1461.7	4187.1	504.	8.46	8.46	0.36	5.8
55	1 1	7.0	3880.0	1611.9	4164.9	516.	9.93	9.93	0.38	6.2
47+ 55		7.0	3880.0	1830.5	4166.6	514.	11.19	11.19	0.38	6.1
56	1 1	0.0	3870.0	1882.6	4162.1	516.	11.64	11.64	0.38	6.2

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 AGUAS CALIEN

57	1 1	124.0	4830.0	1.6	4880.3	441.	0.00	0.00	0.19	2.7
58	1 1	115.0	4570.0	28.9	4788.9	427.	0.08	0.08	0.19	2.6
59	1 1	105.0	4450.0	128.5	4670.9	416.	0.30	0.30	0.17	2.3
60	1 1	95.0	4375.0	211.3	4640.5	414.	0.48	0.48	0.17	2.3
61	1 1	85.0	4305.0	406.5	4718.3	421.	0.99	0.99	0.18	2.4
62	1 1	75.0	4207.0	592.3	4666.8	417.	1.41	1.41	0.18	2.4
63	1 1	65.0	4115.0	643.6	4643.1	418.	1.55	1.55	0.18	2.4
64	1 1	55.0	4056.0	1058.0	4591.4	415.	2.51	2.51	0.18	2.4
55	1 1	45.0	4012.0	1167.6	4565.6	417.	2.89	2.89	0.19	2.5
66	1 1	35.0	3937.0	1357.7	4561.7	416.	3.32	3.32	0.19	2.4
67	1 1	25.0	3901.0	1425.8	4543.7	419.	3.68	3.68	0.19	2.6
28+ 67		25.0	3901.0	1590.5	4496.4	432.	4.91	4.91	0.23	3.1
68	1 1	14.0	3870.0	1754.8	4463.4	439.	5.90	5.90	0.24	3.4
56+ 68		14.0	3870.0	3637.4	4307.4	479.	17.55	17.55	0.32	4.8
69	1 1	10.0	3856.0	3674.1	4305.5	479.	17.79	17.79	0.32	4.8
70	1 1	0.0	3845.0	3763.5	4300.6	480.	18.41	18.41	0.32	4.9

AFLUENTE ILAVE °A°

71	1 1	202.0	5125.0	4.1	5248.1	493.	0.01	0.01	0.20	3.2
72	1 1	190.0	4563.0	30.2	4993.2	459.	0.22	0.22	0.18	2.7
73	1 1	130.0	4448.0	136.7	4891.5	444.	0.35	0.35	0.18	2.5
74	1 1	170.0	4375.0	379.3	4842.5	435.	0.96	0.96	0.18	2.5
75	1 1	160.0	4180.0	458.0	4787.0	431.	1.13	1.13	0.18	2.5
4+ 75		160.0	4180.0	659.7	4741.2	426.	1.57	1.57	0.18	2.4
76	1 1	154.0	4035.0	717.0	4720.1	425.	1.70	1.70	0.18	2.4

AFLUENTE ILAVE °B°

76	1 1	154.0	4035.0	717.0	4720.1	425.	1.70	1.70	0.18	2.4
77	1 1	148.0	4008.0	743.8	4707.3	425.	1.75	1.75	0.18	2.4
8+ 77		148.0	4008.0	1269.6	4585.1	424.	2.78	2.78	0.16	2.2
73	1 1	139.0	3985.0	1387.3	4567.4	424.	3.00	3.00	0.16	2.2