

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

AFLUENTE CHAMBIRA

|    |     |      |        |        |        |       |        |        |      |      |
|----|-----|------|--------|--------|--------|-------|--------|--------|------|------|
| 75 | 1 1 | 80.0 | 1000.0 | 40.0   | 1050.0 | 1500. | 1.61   | 1.61   | 0.85 | 40.3 |
| 76 | 1 1 | 50.0 | 450.0  | 680.0  | 697.1  | 1665. | 25.86  | 25.86  | 0.72 | 38.0 |
| 77 | 1 1 | 0.0  | 420.0  | 3290.0 | 493.1  | 1820. | 120.87 | 120.87 | 0.64 | 36.7 |

AFLUENTE PANYA

|        |     |       |       |        |       |       |        |        |      |      |
|--------|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 78     | 1 1 | 120.0 | 700.0 | 20.0   | 725.0 | 1645. | 0.76   | 0.76   | 0.73 | 38.2 |
| 79     | 1 1 | 90.0  | 470.0 | 960.0  | 565.4 | 1748. | 35.71  | 35.71  | 0.67 | 37.2 |
| 80     | 1 1 | 40.0  | 420.0 | 1780.0 | 534.3 | 1773. | 65.86  | 65.86  | 0.66 | 37.0 |
| 77+ 80 |     | 40.0  | 420.0 | 5070.0 | 507.6 | 1803. | 186.74 | 186.74 | 0.64 | 36.8 |
| 81     | 1 1 | 0.0   | 184.0 | 6440.0 | 460.0 | 1852. | 235.25 | 235.25 | 0.62 | 36.5 |

AFLUENTE SARAYAQUILLO

|    |     |      |        |       |        |       |       |       |      |      |
|----|-----|------|--------|-------|--------|-------|-------|-------|------|------|
| 82 | 1 1 | 40.0 | 1000.0 | 50.0  | 1050.0 | 1500. | 2.01  | 2.01  | 0.85 | 40.3 |
| 83 | 1 1 | 0.0  | 176.0  | 580.0 | 573.9  | 1753. | 21.61 | 21.61 | 0.67 | 37.3 |

AFLUENTE STA. CATALINA

|    |     |      |        |        |        |       |       |       |      |      |
|----|-----|------|--------|--------|--------|-------|-------|-------|------|------|
| 84 | 1 1 | 70.0 | 1000.0 | 130.0  | 1050.0 | 1500. | 5.24  | 5.24  | 0.85 | 40.3 |
| 85 | 1 1 | 50.0 | 490.0  | 500.0  | 802.1  | 1612. | 19.35 | 19.35 | 0.76 | 38.7 |
| 86 | 1 1 | 0.0  | 172.0  | 1490.0 | 485.8  | 1852. | 54.67 | 54.67 | 0.62 | 36.7 |

AFLUENTE ALFARU

|    |     |      |       |        |       |       |       |       |      |      |
|----|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 87 | 1 1 | 70.0 | 480.0 | 30.0   | 515.0 | 1788. | 1.11  | 1.11  | 0.65 | 36.9 |
| 88 | 1 1 | 50.0 | 450.0 | 230.0  | 475.9 | 1825. | 8.42  | 8.42  | 0.63 | 36.6 |
| 89 | 1 1 | 0.0  | 163.0 | 1540.0 | 314.4 | 1998. | 54.83 | 54.83 | 0.56 | 35.6 |

AFLUENTE YANAYACU

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 90 | 1 1 | 60.0 | 200.0 | 100.0 | 228.0 | 2144. | 3.51  | 3.51  | 0.52 | 35.1 |
| 91 | 1 1 | 50.0 | 170.0 | 260.0 | 205.8 | 2193. | 9.15  | 9.15  | 0.51 | 35.2 |
| 92 | 1 1 | 0.0  | 154.0 | 630.0 | 179.5 | 2266. | 22.74 | 22.74 | 0.50 | 36.1 |

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

AFLUENTE PIYUYO

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 93 | 1 1 | 50.0 | 250.0 | 70.0  | 288.0 | 2024. | 2.48  | 2.48  | 0.55 | 35.4 |
| 94 | 1 1 | 0.0  | 210.0 | 480.0 | 250.4 | 2099. | 16.90 | 16.90 | 0.53 | 35.2 |

AFLUENTE MAQUIA

|        |     |       |       |        |       |       |        |        |      |      |
|--------|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 95     | 1 1 | 170.0 | 300.0 | 60.0   | 342.0 | 1956. | 2.15   | 2.15   | 0.53 | 35.8 |
| 96     | 1 1 | 160.0 | 290.0 | 380.0  | 311.7 | 1985. | 13.52  | 13.52  | 0.56 | 35.6 |
| 97     | 1 1 | 110.0 | 245.0 | 560.0  | 299.1 | 2009. | 23.44  | 23.44  | 0.56 | 35.5 |
| 98     | 1 1 | 60.0  | 210.0 | 1500.0 | 270.0 | 2053. | 45.92  | 45.92  | 0.54 | 35.3 |
| 94+ 98 |     | 60.0  | 210.0 | 1780.0 | 264.7 | 2073. | 62.82  | 62.82  | 0.54 | 35.3 |
| 99     | 1 1 | 50.0  | 200.0 | 1960.0 | 260.6 | 2081. | 69.12  | 69.12  | 0.53 | 35.3 |
| 100    | 1 1 | 0.0   | 155.0 | 2830.0 | 236.8 | 2133. | 100.17 | 100.17 | 0.52 | 35.4 |

AFLUENTE HUMAYA

|     |     |      |       |       |       |       |       |       |      |      |
|-----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 101 | 1 1 | 50.0 | 230.0 | 80.0  | 290.0 | 2020. | 2.84  | 2.84  | 0.55 | 35.5 |
| 102 | 1 1 | 0.0  | 190.0 | 690.0 | 232.5 | 2135. | 24.21 | 24.21 | 0.52 | 35.1 |

AFLUENTE GUANACHE

|         |     |       |       |        |       |       |        |        |      |      |
|---------|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 103     | 1 1 | 160.0 | 275.0 | 140.0  | 231.0 | 2038. | 4.96   | 4.96   | 0.55 | 35.4 |
| 104     | 1 1 | 150.0 | 260.0 | 310.0  | 275.5 | 2049. | 10.96  | 10.96  | 0.54 | 35.4 |
| 105     | 1 1 | 100.0 | 220.0 | 1240.0 | 248.9 | 2102. | 43.64  | 43.64  | 0.53 | 35.2 |
| 106     | 1 1 | 50.0  | 190.0 | 1870.0 | 234.1 | 2132. | 65.63  | 65.63  | 0.52 | 35.1 |
| 102+106 |     | 50.0  | 190.0 | 2560.0 | 233.7 | 2133. | 89.84  | 89.84  | 0.52 | 35.1 |
| 107     | 1 1 | 0.0   | 147.0 | 3370.0 | 215.2 | 2177. | 136.84 | 136.84 | 0.51 | 35.4 |

AFLUENTE CAPANAHUA

|     |     |      |       |       |       |       |       |       |      |      |
|-----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 108 | 1 1 | 35.0 | 190.0 | 60.0  | 245.0 | 2110. | 2.11  | 2.11  | 0.53 | 35.2 |
| 109 | 1 1 | 0.0  | 143.0 | 510.0 | 175.3 | 2279. | 18.53 | 18.53 | 0.50 | 36.3 |

AFLUENTE PUNGO

|     |     |      |       |        |       |       |        |        |      |      |
|-----|-----|------|-------|--------|-------|-------|--------|--------|------|------|
| 110 | 1 1 | 90.0 | 300.0 | 30.0   | 320.0 | 1980. | 1.07   | 1.07   | 0.57 | 35.6 |
| 111 | 1 1 | 50.0 | 245.0 | 1420.0 | 289.7 | 2021. | 50.34  | 50.34  | 0.55 | 35.4 |
| 112 | 1 1 | 0.0  | 200.0 | 3490.0 | 258.4 | 2083. | 123.03 | 123.03 | 0.53 | 35.3 |

AFLUENTE YANAYACU

|     |     |      |       |        |       |       |       |       |      |      |
|-----|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 113 | 1 1 | 90.0 | 250.0 | 60.0   | 250.0 | 2100. | 2.11  | 2.11  | 0.53 | 35.2 |
| 114 | 1 1 | 50.0 | 200.0 | 1010.0 | 212.4 | 2175. | 35.31 | 35.31 | 0.51 | 35.0 |
| 115 | 1 1 | 0.0  | 165.0 | 1940.0 | 203.1 | 2197. | 68.06 | 68.06 | 0.50 | 35.1 |

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

AFLUENTE BLANCA

|     |     |       |       |        |       |       |        |        |      |      |
|-----|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 116 | 1 1 | 160.0 | 480.0 | 80.0   | 527.0 | 1778. | 2.96   | 2.96   | 0.66 | 37.0 |
| 117 | 1 1 | 150.0 | 330.0 | 300.0  | 459.5 | 1842. | 10.96  | 10.96  | 0.63 | 36.5 |
| 118 | 1 1 | 100.0 | 250.0 | 1570.0 | 339.4 | 1961. | 56.15  | 56.15  | 0.58 | 35.8 |
| 119 | 1 1 | 50.0  | 200.0 | 3090.0 | 302.8 | 2015. | 109.80 | 109.80 | 0.56 | 35.5 |
| 120 | 1 1 | 0.0   | 160.0 | 4050.0 | 284.4 | 2047. | 143.43 | 143.43 | 0.55 | 35.4 |

AFLUENTE ALEMAN

|     |     |       |       |        |       |       |       |       |      |      |
|-----|-----|-------|-------|--------|-------|-------|-------|-------|------|------|
| 121 | 1 1 | 100.0 | 240.0 | 30.0   | 240.0 | 2120. | 1.05  | 1.05  | 0.52 | 35.1 |
| 122 | 1 1 | 50.0  | 190.0 | 490.0  | 229.7 | 2141. | 17.18 | 17.18 | 0.52 | 35.1 |
| 123 | 1 1 | 0.0   | 130.0 | 1240.0 | 184.5 | 2258. | 44.95 | 44.95 | 0.51 | 36.2 |

AFLUENTE TAPICHE

|         |     |       |       |         |       |       |        |        |      |      |
|---------|-----|-------|-------|---------|-------|-------|--------|--------|------|------|
| 124     | 1 1 | 340.0 | 500.0 | 60.0    | 512.0 | 1790. | 2.21   | 2.21   | 0.65 | 36.9 |
| 125     | 1 1 | 330.0 | 360.0 | 360.0   | 444.5 | 1856. | 13.12  | 13.12  | 0.62 | 36.4 |
| 126     | 1 1 | 280.0 | 330.0 | 3230.0  | 349.0 | 1951. | 115.72 | 115.72 | 0.58 | 35.8 |
| 127     | 1 1 | 230.0 | 280.0 | 5700.0  | 332.1 | 1968. | 203.60 | 203.60 | 0.57 | 35.7 |
| 128     | 1 1 | 180.0 | 230.0 | 8360.0  | 301.2 | 2020. | 296.97 | 296.97 | 0.55 | 35.5 |
| 129     | 1 1 | 130.0 | 200.0 | 9070.0  | 295.4 | 2029. | 321.86 | 321.86 | 0.55 | 35.5 |
| 112+129 |     | 130.0 | 200.0 | 12560.0 | 285.1 | 2044. | 444.88 | 444.88 | 0.55 | 35.4 |
| 130     | 1 1 | 120.0 | 195.0 | 13180.0 | 282.6 | 2049. | 466.63 | 466.63 | 0.54 | 35.4 |
| 131     | 1 1 | 70.0  | 165.0 | 14330.0 | 275.2 | 2063. | 507.29 | 507.29 | 0.54 | 35.4 |
| 115+131 |     | 70.0  | 165.0 | 16270.0 | 266.6 | 2079. | 575.35 | 575.35 | 0.54 | 35.4 |
| 132     | 1 1 | 60.0  | 160.0 | 16590.0 | 264.7 | 2083. | 587.02 | 587.02 | 0.54 | 35.4 |
| 120+132 |     | 60.0  | 160.0 | 20640.0 | 268.5 | 2076. | 730.45 | 730.45 | 0.54 | 35.4 |
| 133     | 1 1 | 10.0  | 130.0 | 22200.0 | 260.6 | 2094. | 788.13 | 788.13 | 0.53 | 35.5 |
| 123+133 |     | 10.0  | 130.0 | 23440.0 | 256.6 | 2103. | 833.08 | 833.08 | 0.53 | 35.5 |
| 134     | 1 1 | 0.0   | 123.0 | 23640.0 | 255.6 | 2105. | 840.64 | 840.64 | 0.53 | 35.6 |

AFLUENTE TARAHUAYTA

|     |     |      |       |       |       |       |       |       |      |      |
|-----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 135 | 1 1 | 40.0 | 190.0 | 50.0  | 245.0 | 2110. | 1.76  | 1.76  | 0.53 | 35.2 |
| 136 | 1 1 | 0.0  | 119.0 | 600.0 | 174.4 | 2280. | 21.78 | 21.78 | 0.50 | 36.3 |

AFLUENTE PARAPOROTO

|     |     |      |       |       |       |       |       |       |      |      |
|-----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 137 | 1 1 | 50.0 | 180.0 | 50.0  | 240.0 | 2120. | 1.76  | 1.76  | 0.52 | 35.1 |
| 138 | 1 1 | 0.0  | 111.0 | 600.0 | 152.9 | 2345. | 22.38 | 22.38 | 0.50 | 37.3 |

| I                | RP/RE | L      | H     | AA      | HM    | PREC  | QM        | QN        | CEAT | RQT         |
|------------------|-------|--------|-------|---------|-------|-------|-----------|-----------|------|-------------|
|                  |       | KM     | M     | 2<br>KM | M     | MM    | 3<br>M /S | 3<br>M /S | (-)  | 2<br>L/S/KM |
| AFLUENTE UCAYALI |       |        |       |         |       |       |           |           |      |             |
| 139              | 1 1   | 1243.0 | 272.0 | 70.0    | 273.0 | 2054. | 3439.77   | 2.47      | 0.54 | 35.3        |
| 140              | 1 1   | 1233.0 | 270.0 | 550.0   | 279.1 | 2042. | 3456.76   | 19.46     | 0.55 | 35.4        |
| 4+140            |       | 1233.0 | 270.0 | 2850.0  | 498.8 | 1826. | 3542.11   | 104.81    | 0.64 | 36.8        |
| 141              | 1 1   | 1213.0 | 268.0 | 3380.0  | 463.5 | 1861. | 3560.85   | 123.55    | 0.62 | 36.6        |
| 6+141            |       | 1213.0 | 268.0 | 4150.0  | 471.5 | 1850. | 3589.20   | 151.90    | 0.62 | 36.6        |
| 142              | 1 1   | 1203.0 | 266.0 | 4210.0  | 468.6 | 1853. | 3591.32   | 154.02    | 0.62 | 36.6        |
| 13+142           |       | 1203.0 | 266.0 | 7330.0  | 407.6 | 1906. | 3702.63   | 265.33    | 0.60 | 36.2        |
| 143              | 1 1   | 1173.0 | 262.0 | 8070.0  | 394.4 | 1922. | 3728.74   | 291.44    | 0.59 | 36.1        |
| 16+143           |       | 1173.0 | 262.0 | 9830.0  | 381.4 | 1932. | 3791.49   | 354.19    | 0.59 | 36.0        |
| 144              | 1 1   | 1123.0 | 256.0 | 11010.0 | 369.3 | 1946. | 3833.16   | 395.86    | 0.58 | 36.0        |
| 18+144           |       | 1123.0 | 256.0 | 11670.0 | 364.3 | 1951. | 3856.52   | 419.22    | 0.58 | 35.9        |
| 145              | 1 1   | 1103.0 | 253.0 | 11830.0 | 362.9 | 1953. | 3862.16   | 424.86    | 0.58 | 35.9        |
| 23+145           |       | 1103.0 | 253.0 | 12510.0 | 364.5 | 1950. | 3886.71   | 449.41    | 0.58 | 35.9        |
| 146              | 1 1   | 1073.0 | 249.0 | 14860.0 | 348.0 | 1971. | 3969.58   | 532.28    | 0.57 | 35.8        |
| 38+146           |       | 1073.0 | 249.0 | 19090.0 | 344.3 | 1971. | 4120.64   | 683.34    | 0.57 | 35.8        |
| 147              | 1 1   | 1013.0 | 242.0 | 21730.0 | 333.2 | 1986. | 4213.62   | 776.32    | 0.57 | 35.7        |
| 40+147           |       | 1013.0 | 242.0 | 21910.0 | 333.6 | 1986. | 4220.10   | 782.80    | 0.57 | 35.7        |
| 148              | 1 1   | 1003.0 | 240.0 | 22130.0 | 332.7 | 1987. | 4227.83   | 790.53    | 0.57 | 35.7        |
| 42+148           |       | 1003.0 | 240.0 | 22470.0 | 333.0 | 1986. | 4240.02   | 802.72    | 0.57 | 35.7        |
| 149              | 1 1   | 973.0  | 236.0 | 23000.0 | 331.0 | 1989. | 4258.67   | 821.37    | 0.57 | 35.7        |
| 44+149           |       | 973.0  | 236.0 | 23520.0 | 331.8 | 1988. | 4277.35   | 840.05    | 0.57 | 35.7        |
| 150              | 1 1   | 923.0  | 230.0 | 24360.0 | 330.4 | 1989. | 5533.63   | 869.83    | 0.57 | 35.7        |
| 151              | 1 1   | 863.0  | 222.0 | 24510.0 | 329.8 | 1990. | 5538.90   | 875.10    | 0.57 | 35.7        |
| 47+151           |       | 863.0  | 222.0 | 27670.0 | 335.6 | 1982. | 5652.73   | 988.94    | 0.57 | 35.7        |
| 152              | 1 1   | 862.0  | 221.0 | 28400.0 | 333.0 | 1986. | 5678.37   | 1014.57   | 0.57 | 35.7        |
| 49+152           |       | 862.0  | 221.0 | 28920.0 | 333.8 | 1984. | 5697.09   | 1033.29   | 0.57 | 35.7        |
| 153              | 1 1   | 802.0  | 214.0 | 29540.0 | 331.3 | 1988. | 5718.78   | 1054.98   | 0.57 | 35.7        |
| 52+153           |       | 802.0  | 214.0 | 31540.0 | 333.5 | 1985. | 5790.64   | 1126.84   | 0.57 | 35.7        |
| 154              | 1 1   | 752.0  | 208.0 | 32680.0 | 329.4 | 1992. | 6289.81   | 1166.71   | 0.57 | 35.7        |
| 58+154           |       | 752.0  | 208.0 | 36370.0 | 337.4 | 1982. | 6423.39   | 1300.30   | 0.57 | 35.8        |
| 155              | 1 1   | 702.0  | 201.0 | 37650.0 | 333.0 | 1988. | 6468.12   | 1345.02   | 0.57 | 35.7        |
| 61+155           |       | 702.0  | 201.0 | 39940.0 | 330.2 | 1991. | 6549.21   | 1426.11   | 0.57 | 35.7        |
| 156              | 1 1   | 652.0  | 194.0 | 41000.0 | 326.8 | 1997. | 6586.18   | 1463.08   | 0.56 | 35.7        |
| 68+156           |       | 652.0  | 194.0 | 47768.0 | 346.8 | 1977. | 6833.77   | 1710.66   | 0.57 | 35.8        |
| 157              | 1 1   | 632.0  | 192.0 | 49108.0 | 342.7 | 1984. | 6880.89   | 1757.79   | 0.57 | 35.8        |
| 70+157           |       | 632.0  | 192.0 | 49458.0 | 341.7 | 1985. | 6893.12   | 1770.01   | 0.57 | 35.8        |
| 158              | 1 1   | 631.0  | 191.0 | 49488.0 | 341.6 | 1985. | 6894.18   | 1771.07   | 0.57 | 35.8        |
| 72+158           |       | 631.0  | 191.0 | 49848.0 | 340.6 | 1987. | 6906.78   | 1783.67   | 0.57 | 35.8        |
| 159              | 1 1   | 601.0  | 188.0 | 49958.0 | 340.3 | 1987. | 6910.67   | 1787.57   | 0.57 | 35.8        |
| 74+159           |       | 601.0  | 188.0 | 51018.0 | 341.0 | 1986. | 6948.83   | 1825.72   | 0.57 | 35.8        |
| 160              | 1 1   | 571.0  | 184.0 | 51588.0 | 339.3 | 1989. | 6969.09   | 1845.98   | 0.57 | 35.8        |
| 81+160           |       | 571.0  | 184.0 | 58028.0 | 352.7 | 1974. | 7204.34   | 2081.24   | 0.57 | 35.9        |
| 161              | 1 1   | 511.0  | 176.0 | 59198.0 | 349.3 | 1979. | 7246.16   | 2123.05   | 0.57 | 35.9        |
| 83+161           |       | 511.0  | 176.0 | 59778.0 | 351.5 | 1977. | 7267.76   | 2144.65   | 0.57 | 35.9        |
| 162              | 1 1   | 481.0  | 172.0 | 60818.0 | 348.5 | 1982. | 7305.27   | 2182.17   | 0.57 | 35.9        |
| 86+162           |       | 481.0  | 172.0 | 62308.0 | 351.8 | 1979. | 7359.95   | 2236.84   | 0.57 | 35.9        |
| 163              | 1 1   | 461.0  | 170.0 | 62628.0 | 350.8 | 1980. | 7371.52   | 2248.41   | 0.57 | 35.9        |
| 39+163           |       | 461.0  | 170.0 | 64168.0 | 350.0 | 1981. | 7426.35   | 2303.25   | 0.57 | 35.9        |
| 164              | 1 1   | 411.0  | 163.0 | 64988.0 | 347.6 | 1985. | 7456.40   | 2333.29   | 0.57 | 35.9        |
| 165              | 1 1   | 391.0  | 160.0 | 65208.0 | 347.0 | 1986. | 7464.47   | 2341.36   | 0.57 | 35.9        |
| 92+165           |       | 391.0  | 160.0 | 65838.0 | 345.4 | 1989. | 7487.21   | 2364.10   | 0.57 | 35.9        |

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

AFLUENTE UCAYALI (CONT.)

|         |     |       |       |          |       |       |         |         |      |      |
|---------|-----|-------|-------|----------|-------|-------|---------|---------|------|------|
| 166     | 1 1 | 341.0 | 154.0 | 66818.0  | 342.6 | 1994. | 7523.30 | 2400.20 | 0.57 | 35.9 |
| 100+166 |     | 341.0 | 154.0 | 69648.0  | 338.3 | 1999. | 7623.47 | 2500.37 | 0.57 | 35.9 |
| 167     | 1 1 | 340.0 | 153.0 | 69838.0  | 337.8 | 2000. | 6630.52 | 2507.41 | 0.57 | 35.9 |
| 168     | 1 1 | 290.0 | 147.0 | 70658.0  | 335.7 | 2004. | 6660.99 | 2537.88 | 0.57 | 35.9 |
| 107+168 |     | 290.0 | 147.0 | 74528.0  | 329.4 | 2013. | 6797.83 | 2674.73 | 0.56 | 35.9 |
| 169     | 1 1 | 260.0 | 143.0 | 74878.0  | 328.6 | 2015. | 6810.94 | 2687.84 | 0.56 | 35.9 |
| 109+169 |     | 260.0 | 143.0 | 75388.0  | 327.5 | 2017. | 6829.47 | 2706.37 | 0.56 | 35.9 |
| 170     | 1 1 | 250.0 | 142.0 | 75548.0  | 327.1 | 2017. | 6835.48 | 2712.38 | 0.56 | 35.9 |
| 171     | 1 1 | 200.0 | 136.0 | 76188.0  | 325.6 | 2020. | 6859.63 | 2736.53 | 0.56 | 35.9 |
| 172     | 1 1 | 150.0 | 129.0 | 76968.0  | 323.6 | 2024. | 7889.29 | 2766.18 | 0.56 | 35.9 |
| 173     | 1 1 | 100.0 | 123.0 | 83868.0  | 307.3 | 2057. | 8154.58 | 3031.48 | 0.55 | 36.1 |
| 134+173 |     | 100.0 | 123.0 | 107508.0 | 295.9 | 2068. | 8995.22 | 3872.12 | 0.55 | 36.0 |
| 174     | 1 1 | 70.0  | 119.0 | 108238.0 | 294.8 | 2070. | 9023.36 | 3900.26 | 0.55 | 36.0 |
| 136+174 |     | 70.0  | 119.0 | 108838.0 | 294.1 | 2071. | 9045.14 | 3922.04 | 0.55 | 36.0 |
| 175     | 1 1 | 10.0  | 111.0 | 110788.0 | 291.0 | 2078. | 9120.95 | 3997.84 | 0.55 | 36.1 |
| 138+175 |     | 10.0  | 111.0 | 11388.0  | 290.2 | 2080. | 9143.33 | 4020.22 | 0.55 | 36.1 |
| 176     | 1 1 | 0.0   | 110.0 | 11928.0  | 289.4 | 2081. | 9164.27 | 4041.17 | 0.55 | 36.1 |

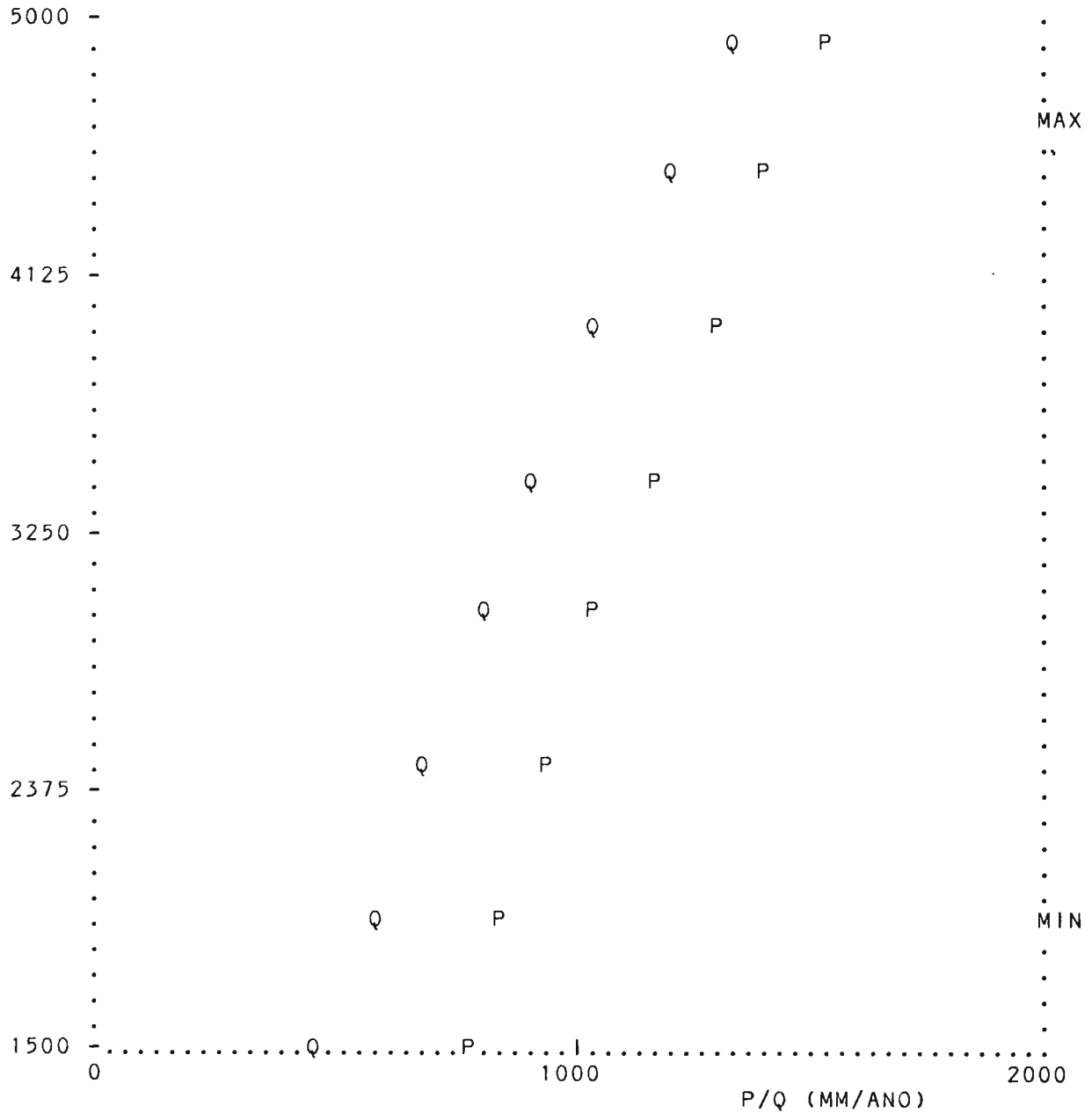
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT = 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 PERENE          : REGIMEN # 1          *
*  CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
*          AMAX = 4700. : AMIN = 1963.          *
*****

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ALTURA (M.S.N.M.)



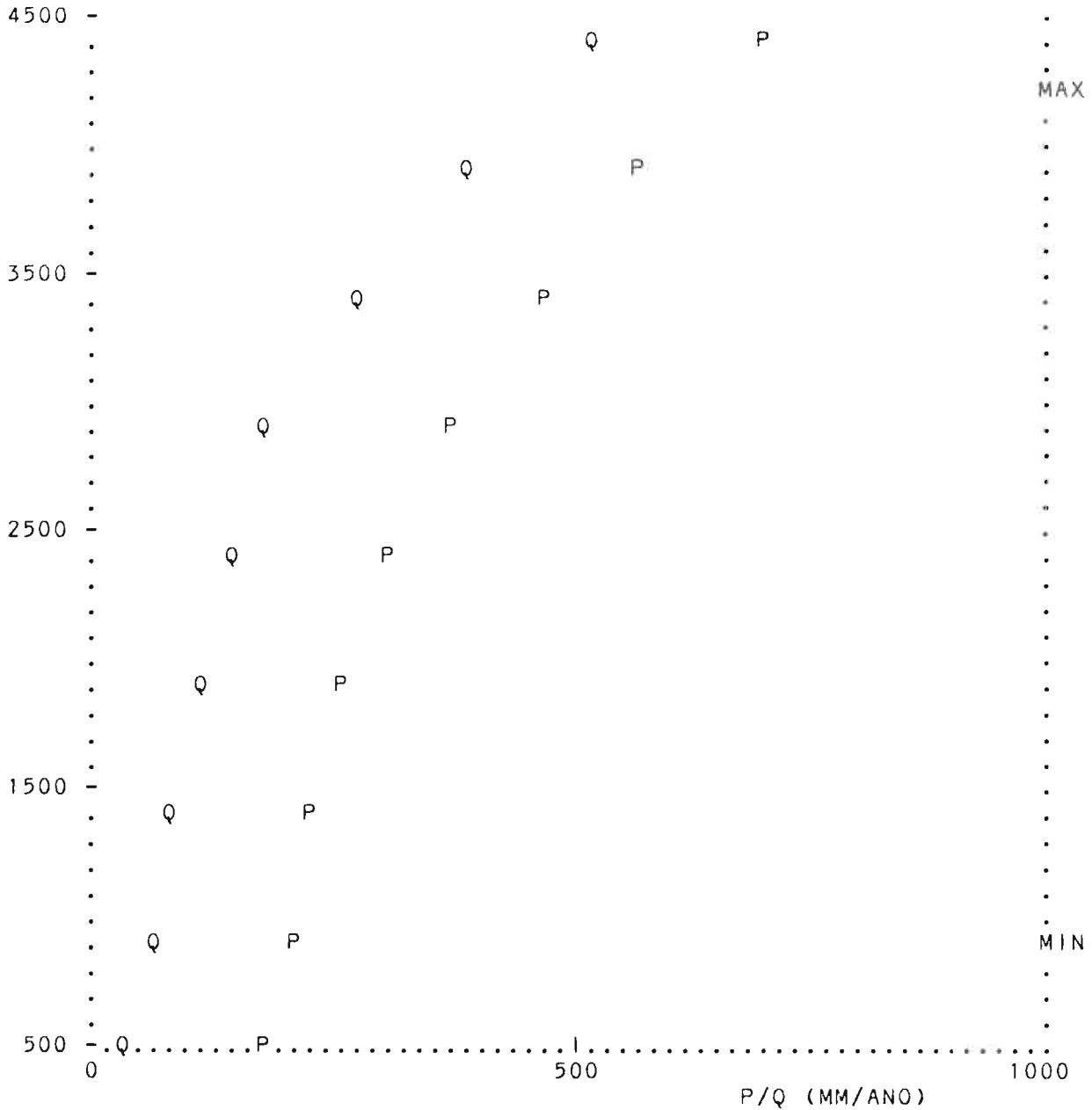
|     |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| A : | 200  | 600  | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 |
| Q : | 300  | 300  | 300  | 500  | 620  | 720  | 850  | 950  | 1100 | 1250 | 1400 |
| P : | 700  | 750  | 770  | 830  | 900  | 1000 | 1100 | 1210 | 1340 | 1450 | 1600 |
| K : | .429 | .400 | .390 | .602 | .689 | .720 | .773 | .785 | .821 | .862 | .875 |

```

*****
* CUENCA DEL RIO PERENE : REGIMEN # 2 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 4300. : AMIN = 993. *
*****

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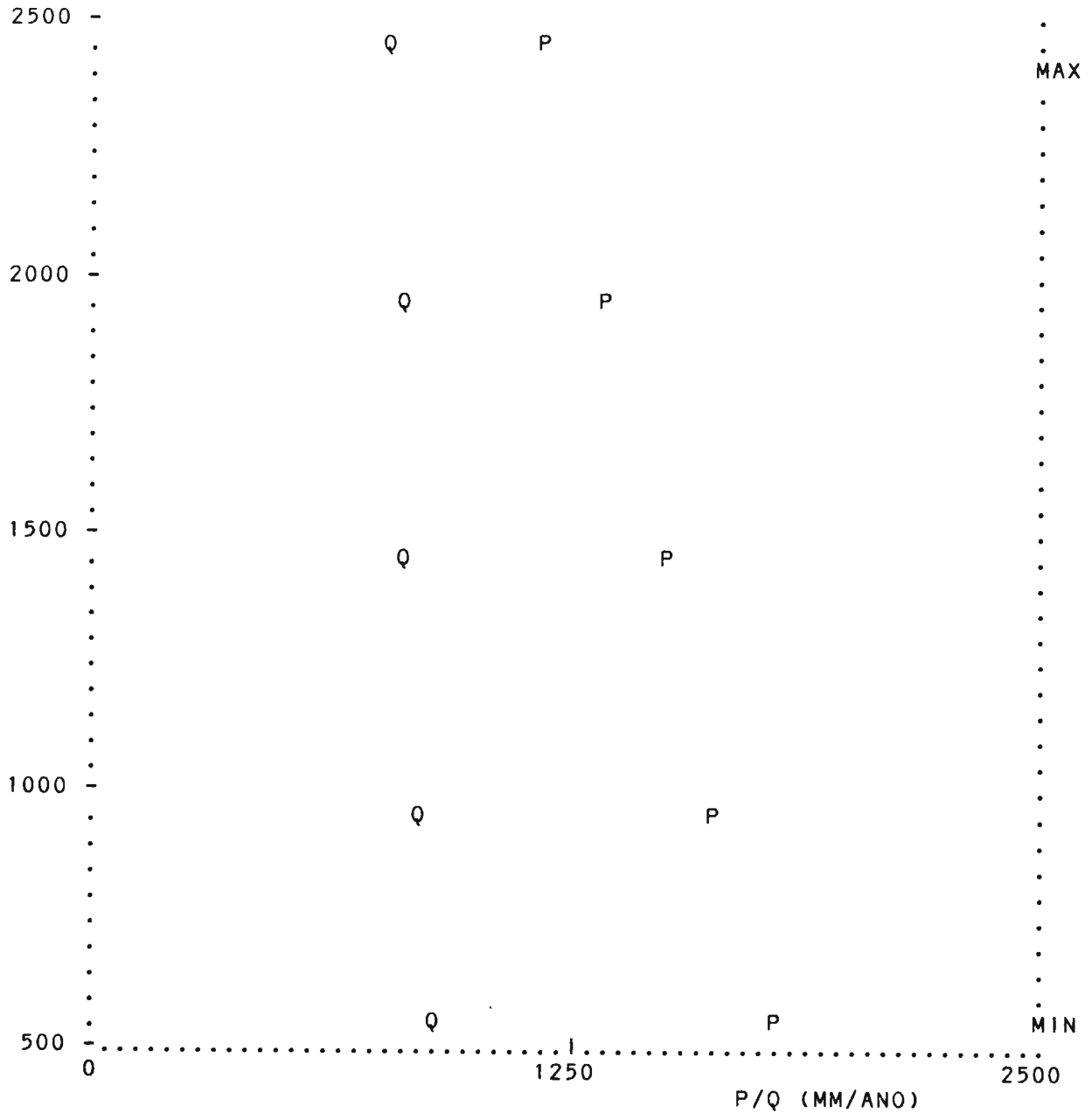
ALTURA (M.S.N.M.)



|     |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| A : | 200  | 600  | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 |
| Q : | 50   | 50   | 70   | 85   | 130  | 160  | 200  | 300  | 410  | 550  | 720  |
| P : | 200  | 200  | 220  | 250  | 270  | 320  | 400  | 490  | 600  | 720  | 850  |
| K : | .250 | .250 | .318 | .340 | .481 | .500 | .500 | .612 | .683 | .764 | .847 |

\*\*\*\*\*  
 \* CUENCA DEL RIO PERENE : REGIMEN # 3 \*  
 \* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) \*  
 \* AMAX = 2408. ; AMIN = 589. \*  
 \*\*\*\*\*

ALTURA (M.S.N.M.)



|     |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| A : | 200  | 600  | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 |
| Q : | 1000 | 950  | 880  | 850  | 840  | 820  | 800  | 800  | 800  | 800  | 800  |
| P : | 2100 | 1870 | 1700 | 1550 | 1400 | 1250 | 1100 | 1000 | 1000 | 1000 | 1000 |
| K : | .476 | .508 | .518 | .548 | .600 | .656 | .727 | .800 | .800 | .800 | .800 |



| I                  | RP/RE | L    | H      | AA                 | HM     | PREC  | QM                   | QN                   | CEAT | RQT                    |
|--------------------|-------|------|--------|--------------------|--------|-------|----------------------|----------------------|------|------------------------|
|                    |       | KM   | M      | <sup>2</sup><br>KM | M      | MM    | <sup>3</sup><br>M /S | <sup>3</sup><br>M /S | (-)  | <sup>2</sup><br>L/S/KM |
| AFLUENTE RANYAC    |       |      |        |                    |        |       |                      |                      |      |                        |
| 1                  | 1 1   | 25.0 | 4200.0 | 7.0                | 4200.0 | 1384. | 0.18                 | 0.18                 | 0.60 | 26.2                   |
| 2                  | 1 1   | 0.0  | 3200.0 | 107.0              | 3826.2 | 1294. | 2.54                 | 2.54                 | 0.58 | 23.7                   |
| AFLUENTE HUACHON   |       |      |        |                    |        |       |                      |                      |      |                        |
| 3                  | 1 1   | 49.0 | 4400.0 | 15.0               | 4400.0 | 1428. | 0.41                 | 0.41                 | 0.61 | 27.6                   |
| 4                  | 1 1   | 25.0 | 3200.0 | 365.0              | 3824.7 | 1294. | 8.64                 | 8.64                 | 0.58 | 23.7                   |
| 2+                 | 4     | 25.0 | 3200.0 | 472.0              | 3825.0 | 1294. | 11.18                | 11.18                | 0.58 | 23.7                   |
| 5                  | 1 1   | 0.0  | 2225.0 | 842.0              | 3419.8 | 1200. | 18.08                | 18.08                | 0.56 | 21.5                   |
| AFLUENTE MANTO SU  |       |      |        |                    |        |       |                      |                      |      |                        |
| 6                  | 1 1   | 15.0 | 3200.0 | 60.0               | 3400.0 | 1188. | 1.95                 | 1.95                 | 0.86 | 32.6                   |
| 7                  | 1 1   | 3.0  | 2000.0 | 170.0              | 2993.0 | 1101. | 5.00                 | 5.00                 | 0.84 | 29.4                   |
| AFLUENTE MANTO IN  |       |      |        |                    |        |       |                      |                      |      |                        |
| 7                  | 1 1   | 3.0  | 2000.0 | 170.0              | 2993.0 | 1101. | 5.00                 | 5.00                 | 0.84 | 29.4                   |
| 8                  | 3 3   | 0.0  | 1800.0 | 260.0              | 2753.1 | 1174. | 7.36                 | 7.36                 | 0.76 | 28.3                   |
| AFLUENTE ENTAS     |       |      |        |                    |        |       |                      |                      |      |                        |
| 9                  | 1 1   | 23.0 | 2600.0 | 40.0               | 2800.0 | 1060. | 1.01                 | 1.01                 | 0.75 | 25.3                   |
| 10                 | 3 3   | 0.0  | 850.0  | 360.0              | 1914.7 | 1414. | 9.58                 | 9.58                 | 0.59 | 26.6                   |
| AFLUENTE COMAS     |       |      |        |                    |        |       |                      |                      |      |                        |
| 11                 | 1 1   | 28.0 | 4400.0 | 60.0               | 4500.0 | 1450. | 2.38                 | 2.38                 | 0.86 | 39.6                   |
| 12                 | 1 1   | 0.0  | 3100.0 | 370.0              | 3839.8 | 1295. | 12.34                | 12.34                | 0.81 | 33.4                   |
| AFLUENTE PALLAYA   |       |      |        |                    |        |       |                      |                      |      |                        |
| 13                 | 1 1   | 23.0 | 4300.0 | 60.0               | 4375.0 | 1422. | 2.31                 | 2.31                 | 0.85 | 38.4                   |
| 14                 | 1 1   | 0.0  | 2800.0 | 390.0              | 3728.5 | 1267. | 12.60                | 12.60                | 0.80 | 32.3                   |
| AFLUENTE UCHUBAMBA |       |      |        |                    |        |       |                      |                      |      |                        |
| 15                 | 1 1   | 25.0 | 4300.0 | 60.0               | 4367.0 | 1421. | 2.30                 | 2.30                 | 0.85 | 38.4                   |
| 16                 | 1 1   | 0.0  | 1400.0 | 530.0              | 2983.6 | 1102. | 14.22                | 14.22                | 0.77 | 26.8                   |

CARACTERISTICAS HIDROLOGICAS DE LOS PUNTOS DEL RIO PERENE

2/14/79

| I                   | RP/RE | L    | H      | AA      | HM     | PREC  | QM        | QN        | CEAT | RQT         |
|---------------------|-------|------|--------|---------|--------|-------|-----------|-----------|------|-------------|
|                     |       | KM   | M      | 2<br>KM | M      | MM    | 3<br>M /S | 3<br>M /S | (-)  | 2<br>L/S/KM |
| AFLUENTE PUCARA     |       |      |        |         |        |       |           |           |      |             |
| 17                  | 1 1   | 25.0 | 3400.0 | 70.0    | 3600.0 | 1236. | 2.18      | 2.18      | 0.79 | 31.1        |
| 18                  | 1 1   | 0.0  | 1050.0 | 320.0   | 2586.7 | 1021. | 7.57      | 7.57      | 0.73 | 23.7        |
| AFLUENTE CIMAYA     |       |      |        |         |        |       |           |           |      |             |
| 19                  | 1 1   | 22.0 | 3200.0 | 30.0    | 3300.0 | 1166. | 0.87      | 0.87      | 0.78 | 28.9        |
| 20                  | 1 1   | 0.0  | 780.0  | 180.0   | 2298.3 | 961.  | 3.91      | 3.91      | 0.71 | 21.7        |
| AFLUENTE PALCAMAYO  |       |      |        |         |        |       |           |           |      |             |
| 21                  | 2 2   | 34.0 | 4100.0 | 70.0    | 4233.0 | 656.  | 1.05      | 1.05      | 0.72 | 15.1        |
| 22                  | 2 2   | 0.0  | 3100.0 | 480.0   | 3825.6 | 562.  | 5.69      | 5.69      | 0.66 | 11.8        |
| AFLUENTE HUASAHUASI |       |      |        |         |        |       |           |           |      |             |
| 23                  | 2 2   | 35.0 | 4100.0 | 90.0    | 4167.0 | 640.  | 1.30      | 1.30      | 0.71 | 14.5        |
| 24                  | 2 2   | 0.0  | 2600.0 | 590.0   | 3576.3 | 508.  | 5.96      | 5.96      | 0.63 | 10.1        |
| AFLUENTE CASCAS     |       |      |        |         |        |       |           |           |      |             |
| 25                  | 2 2   | 24.0 | 3800.0 | 70.0    | 4000.0 | 600.  | 0.91      | 0.91      | 0.68 | 13.0        |
| 26                  | 2 2   | 0.0  | 850.0  | 400.0   | 2704.7 | 363.  | 2.54      | 2.54      | 0.55 | 6.4         |
| AFLUENTE OROBAMBA   |       |      |        |         |        |       |           |           |      |             |
| 27                  | 2 2   | 82.0 | 4200.0 | 160.0   | 4300.0 | 672.  | 2.51      | 2.51      | 0.74 | 15.7        |
| 28                  | 2 2   | 63.0 | 3100.0 | 720.0   | 3877.7 | 574.  | 8.84      | 8.84      | 0.67 | 12.3        |
| 29                  | 2 2   | 38.0 | 1750.0 | 1450.0  | 3176.5 | 446.  | 12.52     | 12.52     | 0.61 | 8.6         |
| 30                  | 2 2   | 13.0 | 850.0  | 1830.0  | 2818.0 | 404.  | 13.53     | 13.53     | 0.58 | 7.4         |
| 26+ 30              |       | 13.0 | 850.0  | 2230.0  | 2797.7 | 397.  | 16.07     | 16.07     | 0.57 | 7.2         |
| 31                  | 2 2   | 0.0  | 780.0  | 2380.0  | 2684.7 | 386.  | 16.40     | 16.40     | 0.56 | 6.9         |

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

AFLUENTE PALCA

|        |     |      |        |        |        |      |       |       |      |      |
|--------|-----|------|--------|--------|--------|------|-------|-------|------|------|
| 32     | 2 2 | 84.0 | 3800.0 | 70.0   | 3800.0 | 556. | 0.81  | 0.81  | 0.66 | 11.6 |
| 33     | 2 2 | 49.0 | 3100.0 | 590.0  | 3550.6 | 501. | 5.82  | 5.82  | 0.62 | 9.9  |
| 22+ 33 |     | 49.0 | 3100.0 | 1070.0 | 3673.9 | 529. | 11.51 | 11.51 | 0.64 | 10.8 |
| 34     | 2 2 | 30.0 | 2600.0 | 1840.0 | 3399.0 | 476. | 16.47 | 16.47 | 0.59 | 9.0  |
| 24+ 34 |     | 30.0 | 2600.0 | 2430.0 | 3442.1 | 484. | 22.44 | 22.44 | 0.60 | 9.2  |
| 35     | 2 2 | 3.0  | 780.0  | 2670.0 | 3286.8 | 464. | 23.23 | 23.23 | 0.59 | 8.7  |
| 31+ 35 |     | 3.0  | 780.0  | 5050.0 | 3003.1 | 427. | 39.63 | 39.63 | 0.58 | 7.8  |
| 36     | 2 2 | 0.0  | 777.0  | 5120.0 | 2975.6 | 424. | 39.79 | 39.79 | 0.58 | 7.8  |

AFLUENTE CHANCHAMAYO

|        |     |       |        |        |        |       |        |        |      |      |
|--------|-----|-------|--------|--------|--------|-------|--------|--------|------|------|
| 37     | 1 1 | 111.0 | 4600.0 | 40.0   | 4700.0 | 1510. | 1.66   | 1.66   | 0.87 | 41.5 |
| 38     | 1 1 | 91.0  | 3100.0 | 250.0  | 3953.2 | 1326. | 8.61   | 8.61   | 0.82 | 34.4 |
| 12+ 38 |     | 91.0  | 3100.0 | 620.0  | 3885.5 | 1308. | 20.95  | 20.95  | 0.82 | 33.8 |
| 39     | 1 1 | 85.0  | 2800.0 | 880.0  | 3678.0 | 1258. | 28.26  | 28.26  | 0.80 | 32.1 |
| 14+ 39 |     | 85.0  | 2800.0 | 1270.0 | 3693.5 | 1261. | 40.86  | 40.86  | 0.80 | 32.2 |
| 40     | 3 3 | 56.0  | 1400.0 | 2060.0 | 3120.7 | 1291. | 61.70  | 61.70  | 0.73 | 30.0 |
| 16+ 40 |     | 56.0  | 1400.0 | 2590.0 | 3092.7 | 1253. | 75.92  | 75.92  | 0.74 | 29.3 |
| 41     | 3 3 | 37.0  | 1050.0 | 2930.0 | 2917.8 | 1284. | 85.07  | 85.07  | 0.71 | 29.0 |
| 18+ 41 |     | 37.0  | 1050.0 | 3250.0 | 2885.2 | 1258. | 92.64  | 92.64  | 0.71 | 28.5 |
| 42     | 3 3 | 22.0  | 780.0  | 3940.0 | 2574.7 | 1330. | 111.75 | 111.75 | 0.67 | 28.4 |
| 20+ 42 |     | 22.0  | 780.0  | 4120.0 | 2562.6 | 1314. | 115.65 | 115.65 | 0.67 | 28.1 |
| 43     | 3 3 | 20.0  | 777.0  | 4150.0 | 2551.3 | 1316. | 116.49 | 116.49 | 0.67 | 28.1 |
| 36+ 43 |     | 20.0  | 777.0  | 9270.0 | 2785.6 | 824.  | 156.28 | 156.28 | 0.65 | 16.9 |
| 44     | 3 3 | 0.0   | 750.0  | 9520.0 | 2738.7 | 847.  | 163.26 | 163.26 | 0.64 | 17.1 |

AFLUENTE ARTURO

|    |     |      |        |       |        |       |       |       |      |      |
|----|-----|------|--------|-------|--------|-------|-------|-------|------|------|
| 45 | 1 1 | 25.0 | 2000.0 | 80.0  | 2200.0 | 940.  | 1.67  | 1.67  | 0.70 | 20.9 |
| 46 | 3 3 | 0.0  | 400.0  | 650.0 | 1498.5 | 1501. | 17.15 | 17.15 | 0.55 | 26.4 |

AFLUENTE LA TORRE

|    |     |      |        |       |        |       |       |       |      |      |
|----|-----|------|--------|-------|--------|-------|-------|-------|------|------|
| 47 | 3 3 | 25.0 | 1850.0 | 80.0  | 2017.0 | 1395. | 2.13  | 2.13  | 0.60 | 26.6 |
| 48 | 3 3 | 0.0  | 390.0  | 460.0 | 1399.9 | 1580. | 12.54 | 12.54 | 0.54 | 27.3 |

AFLUENTE AUTRIQUE

|    |     |      |        |       |        |       |      |      |      |      |
|----|-----|------|--------|-------|--------|-------|------|------|------|------|
| 49 | 3 3 | 27.0 | 1200.0 | 20.0  | 1417.0 | 1575. | 0.54 | 0.54 | 0.54 | 27.1 |
| 50 | 3 3 | 0.0  | 380.0  | 120.0 | 924.5  | 1741. | 3.43 | 3.43 | 0.52 | 28.6 |

AFLUENTE ANCAYO

|    |     |      |        |       |        |       |       |       |      |      |
|----|-----|------|--------|-------|--------|-------|-------|-------|------|------|
| 51 | 1 1 | 27.0 | 2100.0 | 80.0  | 2300.0 | 960.  | 1.73  | 1.73  | 0.71 | 21.6 |
| 52 | 3 3 | 0.0  | 700.0  | 400.0 | 1660.0 | 1432. | 10.35 | 10.35 | 0.57 | 25.9 |

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

AFLUENTE MAZAMARI

|    |     |      |        |       |        |       |       |       |      |      |
|----|-----|------|--------|-------|--------|-------|-------|-------|------|------|
| 53 | 3 3 | 40.0 | 2000.0 | 50.0  | 2300.0 | 1310. | 1.31  | 1.31  | 0.63 | 26.3 |
| 54 | 3 3 | 0.0  | 520.0  | 580.0 | 1397.2 | 1581. | 15.79 | 15.79 | 0.54 | 27.2 |

AFLUENTE PONGOA

|        |     |      |        |        |        |       |       |       |      |      |
|--------|-----|------|--------|--------|--------|-------|-------|-------|------|------|
| 55     | 1 1 | 76.0 | 3000.0 | 20.0   | 3200.0 | 1144. | 0.56  | 0.56  | 0.78 | 28.2 |
| 56     | 1 1 | 46.0 | 950.0  | 680.0  | 1999.4 | 902.  | 13.35 | 13.35 | 0.69 | 19.6 |
| 57     | 3 3 | 18.0 | 520.0  | 1220.0 | 1701.8 | 1212. | 28.09 | 28.09 | 0.60 | 23.0 |
| 54+ 57 |     | 18.0 | 520.0  | 1800.0 | 1603.6 | 1331. | 43.87 | 43.87 | 0.58 | 24.4 |
| 58     | 3 3 | 0.0  | 435.0  | 2100.0 | 1483.0 | 1398. | 52.65 | 52.65 | 0.57 | 25.1 |

AFLUENTE SATIPO

|        |     |      |        |        |        |       |        |        |      |      |
|--------|-----|------|--------|--------|--------|-------|--------|--------|------|------|
| 59     | 1 1 | 95.0 | 4000.0 | 50.0   | 4200.0 | 1384. | 1.84   | 1.84   | 0.84 | 36.8 |
| 60     | 3 3 | 50.0 | 700.0  | 870.0  | 2511.0 | 1284. | 23.26  | 23.26  | 0.66 | 26.7 |
| 52+ 60 |     | 50.0 | 700.0  | 1270.0 | 2243.0 | 1330. | 33.61  | 33.61  | 0.63 | 26.5 |
| 61     | 3 3 | 15.0 | 435.0  | 2150.0 | 1917.6 | 1427. | 57.41  | 57.41  | 0.59 | 26.7 |
| 58+ 61 |     | 15.0 | 435.0  | 4250.0 | 1702.8 | 1413. | 110.06 | 110.06 | 0.58 | 25.9 |
| 62     | 3 3 | 0.0  | 362.0  | 4370.0 | 1672.5 | 1425. | 113.67 | 113.67 | 0.58 | 26.0 |

AFLUENTE PERENE SU

|    |     |       |        |       |        |       |       |       |      |      |
|----|-----|-------|--------|-------|--------|-------|-------|-------|------|------|
| 63 | 1 1 | 226.0 | 4000.0 | 60.0  | 4200.0 | 1384. | 2.66  | 2.66  | 1.01 | 44.4 |
| 64 | 1 1 | 195.0 | 2350.0 | 480.0 | 3337.2 | 1177. | 17.00 | 17.00 | 0.95 | 35.4 |

AFLUENTE PERENE MD

|       |     |       |        |        |        |       |       |       |      |      |
|-------|-----|-------|--------|--------|--------|-------|-------|-------|------|------|
| 64    | 1 1 | 195.0 | 2350.0 | 480.0  | 3337.2 | 1177. | 17.00 | 17.00 | 0.95 | 35.4 |
| 65    | 1 1 | 189.0 | 2225.0 | 550.0  | 3238.6 | 1156. | 18.17 | 18.17 | 0.90 | 33.0 |
| 5+ 65 |     | 189.0 | 2225.0 | 1392.0 | 3348.2 | 1183. | 36.24 | 36.24 | 0.69 | 26.0 |
| 66    | 1 1 | 185.0 | 2000.0 | 1512.0 | 3281.2 | 1168. | 38.20 | 38.20 | 0.68 | 25.3 |

| I                  | RP/RE | L     | H      | AA      | HM     | PREC  | QM        | QN        | CEAT | RQT         |
|--------------------|-------|-------|--------|---------|--------|-------|-----------|-----------|------|-------------|
|                    |       | KM    | M      | 2<br>KM | M      | MM    | 3<br>M /S | 3<br>M /S | (-)  | 2<br>L/S/KM |
| =====              |       |       |        |         |        |       |           |           |      |             |
| AFLUENTE PERENE IN |       |       |        |         |        |       |           |           |      |             |
| =====              |       |       |        |         |        |       |           |           |      |             |
| 66                 | 1 1   | 185.0 | 2000.0 | 1512.0  | 3281.2 | 1168. | 38.20     | 38.20     | 0.68 | 25.3        |
| 67                 | 1 1   | 178.0 | 1800.0 | 1662.0  | 3201.7 | 1151. | 41.53     | 41.53     | 0.68 | 25.0        |
| 8+ 67              |       | 178.0 | 1800.0 | 1922.0  | 3141.0 | 1154. | 48.89     | 48.89     | 0.70 | 25.4        |
| 68                 | 3 3   | 146.0 | 850.0  | 2612.0  | 2709.1 | 1258. | 67.49     | 67.49     | 0.65 | 25.8        |
| 10+ 68             |       | 146.0 | 850.0  | 2972.0  | 2612.9 | 1277. | 77.06     | 77.06     | 0.64 | 25.9        |
| 69                 | 3 3   | 131.0 | 750.0  | 3232.0  | 2517.1 | 1301. | 84.11     | 84.11     | 0.63 | 26.0        |
| 44+ 69             |       | 131.0 | 750.0  | 12752.0 | 2682.5 | 962.  | 247.37    | 247.37    | 0.64 | 19.4        |
| 70                 | 3 3   | 76.0  | 400.0  | 13742.0 | 2586.2 | 1007. | 274.34    | 274.34    | 0.62 | 20.0        |
| 46+ 70             |       | 76.0  | 400.0  | 14392.0 | 2537.1 | 1030. | 291.49    | 291.49    | 0.62 | 20.3        |
| 71                 | 3 3   | 61.0  | 390.0  | 14742.0 | 2500.6 | 1046. | 301.26    | 301.26    | 0.62 | 20.4        |
| 48+ 71             |       | 61.0  | 390.0  | 15202.0 | 2467.3 | 1062. | 313.80    | 313.80    | 0.61 | 20.6        |
| 72                 | 3 3   | 46.0  | 380.0  | 15412.0 | 2444.1 | 1072. | 319.92    | 319.92    | 0.61 | 20.8        |
| 50+ 72             |       | 46.0  | 380.0  | 15532.0 | 2432.4 | 1077. | 323.35    | 323.35    | 0.61 | 20.8        |
| 73                 | 3 3   | 8.0   | 362.0  | 16062.0 | 2393.1 | 1095. | 337.90    | 337.90    | 0.61 | 21.0        |
| 62+ 73             |       | 8.0   | 362.0  | 20432.0 | 2239.0 | 1166. | 451.57    | 451.57    | 0.60 | 22.1        |
| 74                 | 3 3   | 0.0   | 347.0  | 20552.0 | 2229.4 | 1170. | 455.19    | 455.19    | 0.60 | 22.1        |
| =====              |       |       |        |         |        |       |           |           |      |             |

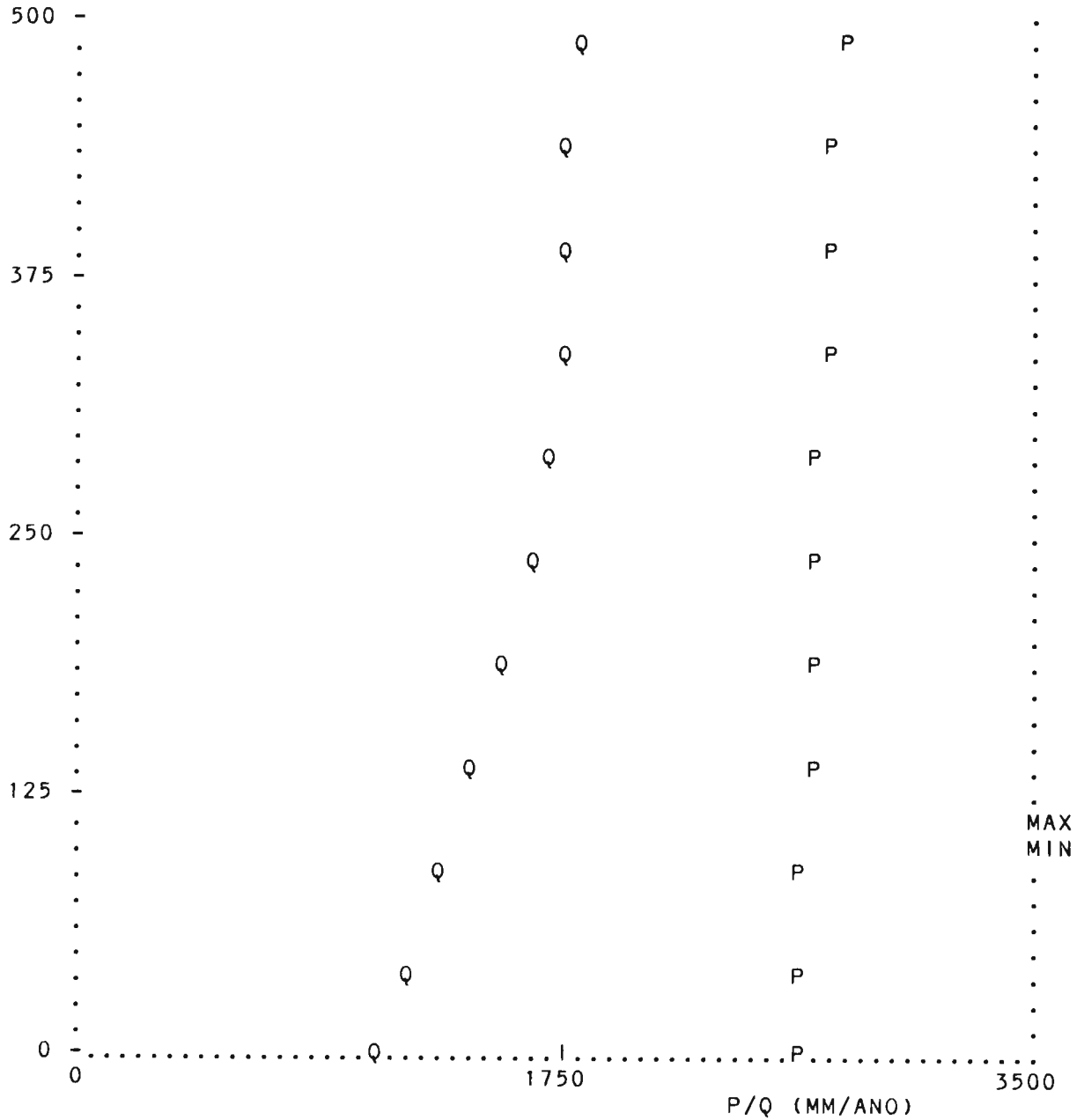
- I = NUMERO DEL PUNTO
- L = KILOMETRAJE
- H = ELEVACION DEL PUNTO
- AA = AREA TOTAL DE LA CUENCA HASTA EL PUNTO
- HM = ALTURA MEDIA DE TODA LA CUENCA HASTA EL PUNTO
- PREC = PRECIPITACION MEDIA SOBRE TODA LA CUENCA HASTA EL PUNTO
- QM = CAUDAL MEDIO EN EL PUNTO
- QN = CAUDAL NATURAL EN EL PUNTO
- CEAT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

```

*****
* CUENCA DEL RIO AMAZONAS : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 123. : AMIN = 102. *
*****

```

ALTURA (M.S.N.M.)



|     |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| A : | 0    | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  |
| Q : | 1150 | 1260 | 1375 | 1500 | 1625 | 1750 | 1800 | 1825 | 1850 | 1860 | 1870 | 1875 |
| P : | 2700 | 2715 | 2730 | 2745 | 2760 | 2770 | 2800 | 2815 | 2830 | 2815 | 2860 | 3000 |
| K : | .426 | .464 | .504 | .546 | .589 | .632 | .643 | .648 | .654 | .661 | .654 | .625 |

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

AFLUENTE TAHUYO

|   |     |      |       |        |       |       |       |       |      |      |
|---|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 1 | 1 1 | 80.0 | 113.0 | 30.0   | 117.0 | 2735. | 1.38  | 1.38  | 0.53 | 45.8 |
| 2 | 1 1 | 50.0 | 111.0 | 650.0  | 115.1 | 2735. | 29.64 | 29.64 | 0.53 | 45.6 |
| 3 | 1 1 | 0.0  | 109.0 | 1630.0 | 112.6 | 2734. | 73.79 | 73.79 | 0.52 | 45.3 |

AFLUENTE TANSHIYACU

|   |     |      |       |       |       |       |       |       |      |      |
|---|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 4 | 1 1 | 85.0 | 111.0 | 6.0   | 113.0 | 2734. | 0.27  | 0.27  | 0.52 | 45.3 |
| 5 | 1 1 | 50.0 | 109.0 | 256.0 | 112.0 | 2734. | 11.57 | 11.57 | 0.52 | 45.2 |
| 6 | 1 1 | 0.0  | 108.0 | 556.0 | 111.5 | 2733. | 25.08 | 25.08 | 0.52 | 45.1 |

AFLUENTE ITAYA

|    |     |       |       |        |       |       |        |        |      |      |
|----|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 7  | 1 1 | 135.0 | 111.0 | 35.0   | 112.0 | 2734. | 1.58   | 1.58   | 0.52 | 45.2 |
| 8  | 1 1 | 110.0 | 109.0 | 1335.0 | 112.0 | 2734. | 60.32  | 60.32  | 0.52 | 45.2 |
| 9  | 1 1 | 50.0  | 107.0 | 2135.0 | 111.6 | 2733. | 96.37  | 96.37  | 0.52 | 45.1 |
| 10 | 1 1 | 0.0   | 106.0 | 2625.0 | 111.3 | 2733. | 118.38 | 118.38 | 0.52 | 45.1 |

AFLUENTE RESISTENCIA

|    |     |      |       |        |       |       |       |       |      |      |
|----|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 11 | 1 1 | 60.0 | 113.0 | 25.0   | 117.0 | 2735. | 1.15  | 1.15  | 0.53 | 45.8 |
| 12 | 1 1 | 0.0  | 110.0 | 1025.0 | 116.0 | 2735. | 46.86 | 46.86 | 0.53 | 45.7 |

AFLUENTE CHANBRIA

|    |     |       |       |        |       |       |        |        |      |      |
|----|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 13 | 1 1 | 140.0 | 113.0 | 110.0  | 116.0 | 2735. | 5.03   | 5.03   | 0.53 | 45.7 |
| 14 | 1 1 | 100.0 | 110.0 | 1030.0 | 115.1 | 2735. | 46.96  | 46.96  | 0.53 | 45.6 |
| 15 | 1 1 | 50.0  | 108.0 | 2282.0 | 114.5 | 2734. | 103.87 | 103.87 | 0.52 | 45.5 |
| 16 | 1 1 | 0.0   | 107.0 | 3283.0 | 113.7 | 2734. | 149.10 | 149.10 | 0.52 | 45.4 |

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

AFLUENTE PUNTAYACU

|        |     |       |       |        |       |       |        |        |      |      |
|--------|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 17     | 1 1 | 178.0 | 113.0 | 100.0  | 119.0 | 2736. | 4.61   | 4.61   | 0.53 | 46.1 |
| 18     | 1 1 | 150.0 | 110.0 | 345.0  | 118.3 | 2735. | 15.88  | 15.88  | 0.53 | 46.0 |
| 19     | 1 1 | 100.0 | 108.0 | 412.0  | 118.1 | 2735. | 18.95  | 18.95  | 0.53 | 46.0 |
| 20     | 1 1 | 50.0  | 107.0 | 1292.0 | 116.7 | 2735. | 59.18  | 59.18  | 0.53 | 45.8 |
| 16+ 20 |     | 50.0  | 107.0 | 4575.0 | 114.6 | 2734. | 208.28 | 208.28 | 0.53 | 45.5 |
| 21     | 1 1 | 0.0   | 106.0 | 5275.0 | 114.6 | 2734. | 240.19 | 240.19 | 0.53 | 45.5 |

AFLUENTE MOMON

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 22 | 1 1 | 50.0 | 109.0 | 62.0  | 116.0 | 2735. | 2.83  | 2.83  | 0.53 | 45.7 |
| 23 | 1 1 | 0.0  | 106.0 | 752.0 | 115.1 | 2735. | 34.29 | 34.29 | 0.53 | 45.6 |

AFLUENTE NANAY

|        |     |       |       |         |       |       |        |        |      |      |
|--------|-----|-------|-------|---------|-------|-------|--------|--------|------|------|
| 24     | 1 1 | 310.0 | 114.0 | 26.0    | 119.0 | 2736. | 1.20   | 1.20   | 0.53 | 46.1 |
| 25     | 1 1 | 290.0 | 112.0 | 229.0   | 118.1 | 2735. | 10.53  | 10.53  | 0.53 | 46.0 |
| 26     | 1 1 | 240.0 | 110.0 | 682.0   | 116.0 | 2735. | 31.18  | 31.18  | 0.53 | 45.7 |
| 12+ 26 |     | 240.0 | 110.0 | 1707.0  | 116.0 | 2735. | 78.04  | 78.04  | 0.53 | 45.7 |
| 27     | 1 1 | 180.0 | 109.0 | 2839.0  | 115.6 | 2735. | 129.64 | 129.64 | 0.53 | 45.7 |
| 28     | 1 1 | 130.0 | 108.0 | 3994.0  | 115.2 | 2735. | 182.14 | 182.14 | 0.53 | 45.6 |
| 29     | 1 1 | 30.0  | 106.0 | 5134.0  | 114.9 | 2734. | 233.95 | 233.95 | 0.53 | 45.6 |
| 21+ 29 |     | 30.0  | 106.0 | 10409.0 | 114.8 | 2734. | 474.14 | 474.14 | 0.53 | 45.6 |
| 30     | 1 1 | 10.0  | 106.0 | 11543.0 | 114.6 | 2734. | 525.53 | 525.53 | 0.53 | 45.5 |
| 23+ 30 |     | 10.0  | 106.0 | 12295.0 | 114.6 | 2734. | 559.82 | 559.82 | 0.53 | 45.5 |
| 31     | 1 1 | 0.0   | 105.0 | 12505.0 | 114.6 | 2734. | 569.33 | 569.33 | 0.53 | 45.5 |

AFLUENTE MANITI

|    |     |      |       |        |       |       |       |       |      |      |
|----|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 32 | 1 1 | 90.0 | 110.0 | 50.0   | 114.0 | 2734. | 2.27  | 2.27  | 0.52 | 45.5 |
| 33 | 1 1 | 50.0 | 107.0 | 750.0  | 113.1 | 2734. | 34.00 | 34.00 | 0.52 | 45.3 |
| 34 | 1 1 | 0.0  | 105.0 | 1170.0 | 112.3 | 2734. | 52.92 | 52.92 | 0.52 | 45.2 |

AFLUENTE YANAYACUDEOR

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 35 | 1 1 | 50.0 | 107.0 | 30.0  | 112.0 | 2734. | 1.36  | 1.36  | 0.52 | 45.2 |
| 36 | 1 1 | 0.0  | 104.0 | 580.0 | 110.1 | 2733. | 26.06 | 26.06 | 0.52 | 44.9 |



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

AFLUENTE JANGOSA

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 37 | 1 1 | 58.0 | 105.0 | 12.0  | 111.0 | 2733. | 0.54  | 0.54  | 0.52 | 45.1 |
| 38 | 1 1 | 0.0  | 103.0 | 922.0 | 110.0 | 2733. | 41.42 | 41.42 | 0.52 | 44.9 |

AFLUENTE OROSA

|    |     |      |       |        |       |       |       |       |      |      |
|----|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 39 | 1 1 | 95.0 | 107.0 | 25.0   | 113.0 | 2734. | 1.13  | 1.13  | 0.52 | 45.3 |
| 40 | 1 1 | 50.0 | 105.0 | 1148.0 | 113.0 | 2734. | 52.03 | 52.03 | 0.52 | 45.3 |
| 41 | 1 1 | 0.0  | 102.0 | 2023.0 | 112.6 | 2734. | 91.56 | 91.56 | 0.52 | 45.3 |

AFLUENTE ARAYACU

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 42 | 1 1 | 50.0 | 105.0 | 100.0 | 114.0 | 2734. | 4.55  | 4.55  | 0.52 | 45.5 |
| 43 | 1 1 | 0.0  | 102.0 | 720.0 | 112.3 | 2734. | 32.56 | 32.56 | 0.52 | 45.2 |

AFLUENTE MOTAHUAYO

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 44 | 1 1 | 80.0 | 107.0 | 20.0  | 115.0 | 2734. | 0.91  | 0.91  | 0.53 | 45.6 |
| 45 | 1 1 | 50.0 | 104.0 | 320.0 | 114.1 | 2734. | 14.55 | 14.55 | 0.52 | 45.5 |
| 46 | 1 1 | 0.0  | 102.0 | 750.0 | 113.5 | 2734. | 34.03 | 34.03 | 0.52 | 45.4 |

AFLUENTE PALOMETA

|    |     |      |       |       |       |       |       |       |      |      |
|----|-----|------|-------|-------|-------|-------|-------|-------|------|------|
| 47 | 1 1 | 50.0 | 104.0 | 30.0  | 114.0 | 2734. | 1.36  | 1.36  | 0.52 | 45.5 |
| 48 | 1 1 | 0.0  | 101.0 | 440.0 | 112.1 | 2734. | 19.89 | 19.89 | 0.52 | 45.2 |

AFLUENTE AMPIYACU

|    |     |       |       |        |       |       |        |        |      |      |
|----|-----|-------|-------|--------|-------|-------|--------|--------|------|------|
| 49 | 1 1 | 140.0 | 108.0 | 25.0   | 116.0 | 2735. | 1.14   | 1.14   | 0.53 | 45.7 |
| 50 | 1 1 | 100.0 | 106.0 | 815.0  | 115.0 | 2735. | 37.15  | 37.15  | 0.53 | 45.6 |
| 51 | 1 1 | 50.0  | 104.0 | 2618.0 | 115.0 | 2735. | 119.34 | 119.34 | 0.53 | 45.6 |
| 52 | 1 1 | 0.0   | 100.0 | 3733.0 | 114.7 | 2734. | 170.02 | 170.02 | 0.53 | 45.5 |

AFLUENTE SHISHITA

|    |     |      |       |        |       |       |       |       |      |      |
|----|-----|------|-------|--------|-------|-------|-------|-------|------|------|
| 53 | 1 1 | 48.0 | 103.0 | 43.0   | 116.0 | 2735. | 1.97  | 1.97  | 0.53 | 45.7 |
| 54 | 1 1 | 0.0  | 100.0 | 1165.0 | 115.0 | 2735. | 53.11 | 53.11 | 0.53 | 45.6 |

| 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 YANAYACUDEBR |       |      |       |        |       |       |       |       |      |        |
| 55                    | 1 1   | 40.0 | 101.0 | 50.0   | 116.0 | 2735. | 2.29  | 2.29  | 0.53 | 45.7   |
| 56                    | 1 1   | 0.0  | 99.0  | 546.0  | 115.1 | 2735. | 24.89 | 24.89 | 0.53 | 45.6   |
| AFLUENTE PICHANA      |       |      |       |        |       |       |       |       |      |        |
| 57                    | 1 1   | 79.0 | 103.0 | 25.0   | 116.0 | 2735. | 1.14  | 1.14  | 0.53 | 45.7   |
| 58                    | 1 1   | 50.0 | 101.0 | 550.0  | 115.0 | 2735. | 25.07 | 25.07 | 0.53 | 45.6   |
| 59                    | 1 1   | 0.0  | 99.0  | 1070.0 | 114.5 | 2734. | 48.71 | 48.71 | 0.53 | 45.5   |
| AFLUENTE COCHQUINAS   |       |      |       |        |       |       |       |       |      |        |
| 60                    | 1 1   | 49.0 | 101.0 | 18.0   | 117.0 | 2735. | 0.83  | 0.83  | 0.53 | 45.8   |
| 61                    | 1 1   | 0.0  | 98.0  | 398.0  | 116.0 | 2735. | 18.20 | 18.20 | 0.53 | 45.7   |
| AFLUENTE PERUATE      |       |      |       |        |       |       |       |       |      |        |
| 62                    | 1 1   | 39.0 | 99.0  | 15.0   | 117.0 | 2735. | 0.69  | 0.69  | 0.53 | 45.8   |
| 63                    | 1 1   | 0.0  | 97.0  | 415.0  | 116.0 | 2735. | 18.97 | 18.97 | 0.53 | 45.7   |
| AFLUENTE STA ROSA     |       |      |       |        |       |       |       |       |      |        |
| 64                    | 1 1   | 45.0 | 99.0  | 80.0   | 116.0 | 2735. | 3.66  | 3.66  | 0.53 | 45.7   |
| 65                    | 1 1   | 0.0  | 96.0  | 780.0  | 115.1 | 2735. | 35.57 | 35.57 | 0.53 | 45.6   |
| AFLUENTE CAJOCUMAL    |       |      |       |        |       |       |       |       |      |        |
| 66                    | 1 1   | 58.0 | 97.0  | 15.0   | 115.0 | 2734. | 0.68  | 0.68  | 0.53 | 45.6   |
| 67                    | 1 1   | 0.0  | 95.0  | 793.0  | 114.0 | 2734. | 36.04 | 36.04 | 0.52 | 45.5   |
| AFLUENTE SIMONA       |       |      |       |        |       |       |       |       |      |        |
| 68                    | 1 1   | 29.0 | 97.0  | 23.0   | 116.0 | 2735. | 1.05  | 1.05  | 0.53 | 45.7   |
| 69                    | 1 1   | 0.0  | 94.0  | 463.0  | 115.0 | 2735. | 21.11 | 21.11 | 0.53 | 45.6   |
| AFLUENTE MAYORUNA     |       |      |       |        |       |       |       |       |      |        |
| 70                    | 1 1   | 52.0 | 96.0  | 16.0   | 115.0 | 2734. | 0.73  | 0.73  | 0.53 | 45.6   |
| 71                    | 1 1   | 15.0 | 94.0  | 811.0  | 114.0 | 2734. | 36.86 | 36.86 | 0.52 | 45.5   |
| 69+ 71                |       | 15.0 | 94.0  | 1274.0 | 114.4 | 2734. | 57.97 | 57.97 | 0.52 | 45.5   |
| 72                    | 1 1   | 0.0  | 94.0  | 1374.0 | 114.3 | 2734. | 62.50 | 62.50 | 0.52 | 45.5   |

| 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 PASHIA

|    |     |      |      |       |       |       |       |       |      |      |
|----|-----|------|------|-------|-------|-------|-------|-------|------|------|
| 73 | 1 1 | 57.0 | 97.0 | 10.0  | 113.0 | 2734. | 0.45  | 0.45  | 0.52 | 45.3 |
| 74 | 1 1 | 0.0  | 94.0 | 895.0 | 112.0 | 2734. | 40.44 | 40.44 | 0.52 | 45.2 |

AFLUENTE ATACUARI

|        |     |       |      |        |       |       |        |        |      |      |
|--------|-----|-------|------|--------|-------|-------|--------|--------|------|------|
| 75     | 1 1 | 108.0 | 98.0 | 29.0   | 110.0 | 2733. | 1.30   | 1.30   | 0.52 | 44.9 |
| 76     | 1 1 | 60.0  | 96.0 | 552.0  | 109.1 | 2733. | 24.73  | 24.73  | 0.52 | 44.8 |
| 77     | 1 1 | 10.0  | 94.0 | 1212.0 | 107.9 | 2732. | 54.12  | 54.12  | 0.52 | 44.6 |
| 74+ 77 |     | 10.0  | 94.0 | 2107.0 | 109.7 | 2733. | 94.56  | 94.56  | 0.52 | 44.9 |
| 78     | 1 1 | 0.0   | 93.0 | 2694.0 | 108.9 | 2733. | 120.62 | 120.62 | 0.52 | 44.8 |

AFLUENTE BAYAHUAZU

|    |     |      |      |       |       |       |       |       |      |      |
|----|-----|------|------|-------|-------|-------|-------|-------|------|------|
| 79 | 1 1 | 50.0 | 94.0 | 25.0  | 107.0 | 2732. | 1.11  | 1.11  | 0.51 | 44.5 |
| 80 | 1 1 | 0.0  | 92.0 | 335.0 | 106.1 | 2732. | 14.88 | 14.88 | 0.51 | 44.4 |

AFLUENTE LORETOYACU

|    |     |      |      |       |       |       |       |       |      |      |
|----|-----|------|------|-------|-------|-------|-------|-------|------|------|
| 81 | 1 1 | 50.0 | 92.0 | 15.0  | 106.0 | 2732. | 0.67  | 0.67  | 0.51 | 44.4 |
| 82 | 1 1 | 0.0  | 91.0 | 863.0 | 105.0 | 2732. | 38.20 | 38.20 | 0.51 | 44.3 |

AFLUENTE ANACAYACU

|    |     |      |      |       |       |       |       |       |      |      |
|----|-----|------|------|-------|-------|-------|-------|-------|------|------|
| 83 | 1 1 | 68.0 | 93.0 | 10.0  | 105.0 | 2731. | 0.44  | 0.44  | 0.51 | 44.3 |
| 84 | 1 1 | 0.0  | 91.0 | 542.0 | 103.0 | 2731. | 23.85 | 23.85 | 0.51 | 44.0 |

AFLUENTE CAMELA

|    |     |      |      |        |       |       |       |       |      |      |
|----|-----|------|------|--------|-------|-------|-------|-------|------|------|
| 85 | 1 1 | 85.0 | 93.0 | 9.0    | 106.0 | 2732. | 0.40  | 0.40  | 0.51 | 44.4 |
| 86 | 1 1 | 50.0 | 92.0 | 709.0  | 105.0 | 2732. | 31.38 | 31.38 | 0.51 | 44.3 |
| 87 | 1 1 | 0.0  | 90.0 | 1429.0 | 104.0 | 2731. | 63.06 | 63.06 | 0.51 | 44.1 |

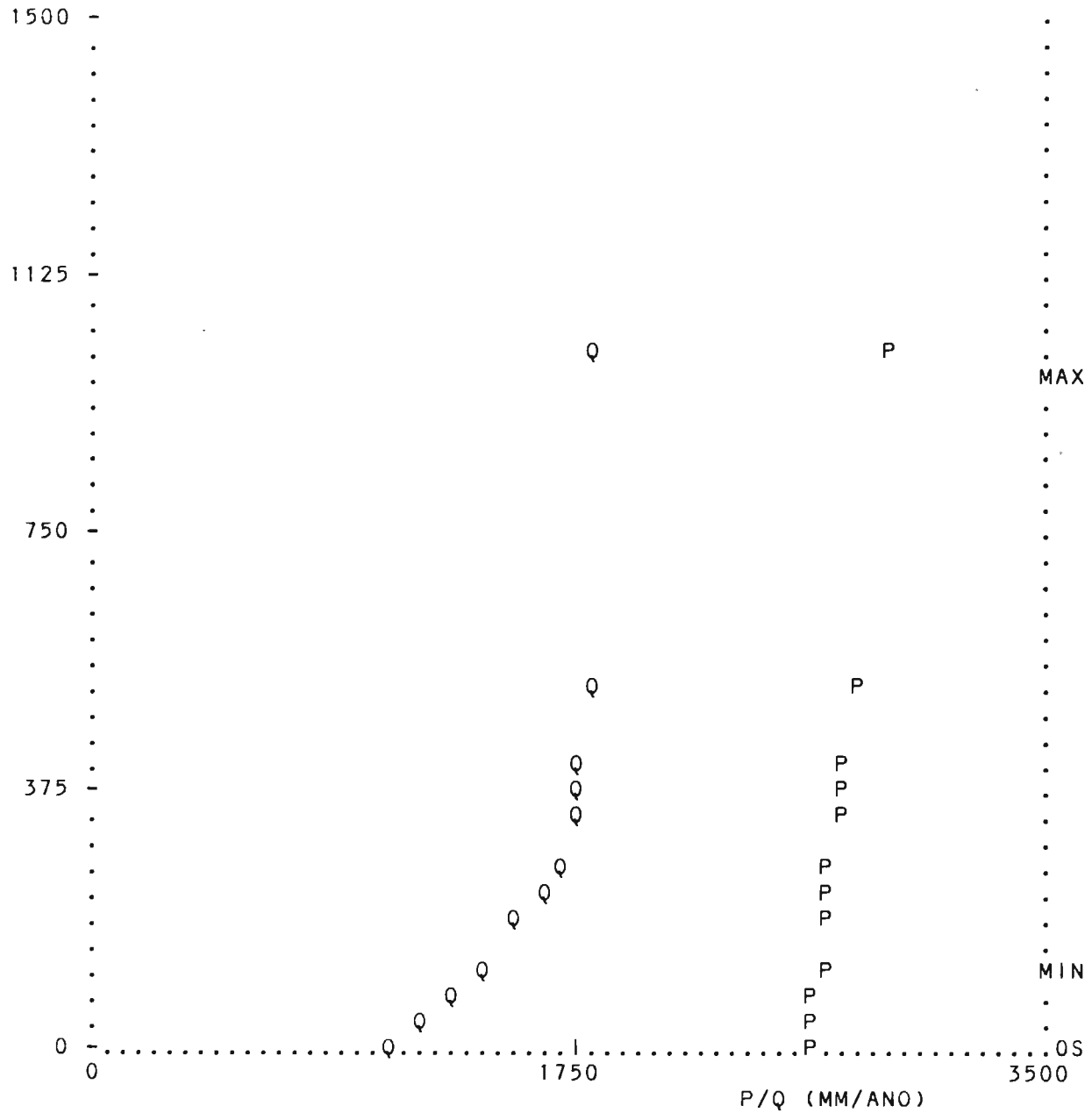
| I                 | RP/RE | L     | H     | AA      | HM    | PREC  | QM         | QN         | CEAT | RQT         |
|-------------------|-------|-------|-------|---------|-------|-------|------------|------------|------|-------------|
|                   |       | KM    | M     | 2<br>KM | M     | MM    | 3<br>M / S | 3<br>M / S | (-)  | 2<br>L/S/KM |
| AFLUENTE AMAZONAS |       |       |       |         |       |       |            |            |      |             |
| 88                | 1 1   | 560.0 | 111.0 | 0.1     | 123.0 | 2737. | *20575.    | 0.00       | 0.54 | 46.6        |
| 89                | 1 1   | 490.0 | 109.0 | 2270.1  | 122.0 | 2737. | *20680.    | 105.58     | 0.54 | 46.5        |
| 3+ 89             |       | 490.0 | 109.0 | 3900.1  | 118.1 | 2735. | *20754.    | 179.37     | 0.53 | 46.0        |
| 90                | 1 1   | 475.0 | 108.0 | 4355.1  | 118.3 | 2735. | *20775.    | 200.41     | 0.53 | 46.0        |
| 6+ 90             |       | 475.0 | 108.0 | 4911.1  | 117.5 | 2735. | *20800.    | 225.49     | 0.53 | 45.9        |
| 91                | 1 1   | 445.0 | 106.0 | 5611.1  | 117.6 | 2735. | *20832.    | 257.68     | 0.53 | 45.9        |
| 10+ 91            |       | 445.0 | 106.0 | 8236.1  | 115.6 | 2735. | *20951.    | 376.06     | 0.53 | 45.7        |
| 92                | 1 1   | 435.0 | 105.0 | 8386.1  | 115.6 | 2735. | *20957.    | 382.91     | 0.53 | 45.7        |
| 31+ 92            |       | 435.0 | 105.0 | 20391.1 | 115.0 | 2734. | *21527.    | 952.25     | 0.53 | 45.6        |
| 93                | 1 1   | 395.0 | 105.0 | 21891.1 | 115.0 | 2734. | *26127.    | 997.83     | 0.53 | 45.6        |
| 34+ 93            |       | 395.0 | 105.0 | 23061.1 | 114.9 | 2734. | *26180.    | 1050.75    | 0.53 | 45.6        |
| 94                | 1 1   | 355.0 | 104.0 | 24693.1 | 114.9 | 2734. | *26255.    | 1125.14    | 0.53 | 45.6        |
| 36+ 94            |       | 355.0 | 104.0 | 25273.1 | 114.8 | 2734. | *26281.    | 1151.20    | 0.53 | 45.6        |
| 95                | 1 1   | 320.0 | 103.0 | 26143.1 | 114.7 | 2734. | *26320.    | 1190.74    | 0.53 | 45.5        |
| 38+ 95            |       | 320.0 | 103.0 | 27065.1 | 114.6 | 2734. | *26362.    | 1232.16    | 0.53 | 45.5        |
| 96                | 1 1   | 300.0 | 102.0 | 27318.1 | 114.6 | 2734. | *26373.    | 1243.63    | 0.53 | 45.5        |
| 41+ 96            |       | 300.0 | 102.0 | 29341.1 | 114.4 | 2734. | *26465.    | 1335.19    | 0.52 | 45.5        |
| 97                | 1 1   | 298.0 | 102.0 | 30259.1 | 114.4 | 2734. | *26506.    | 1376.80    | 0.52 | 45.5        |
| 43+ 97            |       | 298.0 | 102.0 | 30979.1 | 114.3 | 2734. | *26539.    | 1409.36    | 0.52 | 45.5        |
| 98                | 1 1   | 293.0 | 101.0 | 31069.1 | 114.3 | 2734. | *26543.    | 1413.44    | 0.52 | 45.5        |
| 46+ 98            |       | 293.0 | 101.0 | 31819.1 | 114.3 | 2734. | *26577.    | 1447.47    | 0.52 | 45.5        |
| 99                | 1 1   | 288.0 | 101.0 | 32149.1 | 114.3 | 2734. | *26592.    | 1462.38    | 0.52 | 45.5        |
| 48+ 99            |       | 288.0 | 101.0 | 32589.1 | 114.2 | 2734. | *26612.    | 1482.27    | 0.52 | 45.5        |
| 100               | 1 1   | 278.0 | 100.0 | 32709.1 | 114.2 | 2734. | *26617.    | 1487.69    | 0.52 | 45.5        |
| 52+100            |       | 278.0 | 100.0 | 36442.1 | 114.3 | 2734. | *26787.    | 1657.71    | 0.52 | 45.5        |
| 101               | 1 1   | 270.0 | 100.0 | 37392.1 | 114.2 | 2734. | *26830.    | 1700.51    | 0.52 | 45.5        |
| 54+101            |       | 270.0 | 100.0 | 38557.1 | 114.2 | 2734. | *26883.    | 1753.62    | 0.52 | 45.5        |
| 102               | 1 1   | 260.0 | 99.0  | 38707.1 | 114.2 | 2734. | *26890.    | 1760.40    | 0.52 | 45.5        |
| 56+102            |       | 260.0 | 99.0  | 39253.1 | 114.2 | 2734. | *26915.    | 1785.29    | 0.52 | 45.5        |
| 103               | 1 1   | 250.0 | 99.0  | 40003.1 | 114.2 | 2734. | *26949.    | 1819.18    | 0.52 | 45.5        |
| 59+103            |       | 250.0 | 99.0  | 41073.1 | 114.2 | 2734. | *26997.    | 1867.89    | 0.52 | 45.5        |
| 104               | 1 1   | 230.0 | 98.0  | 41713.1 | 114.2 | 2734. | *27026.    | 1896.73    | 0.52 | 45.5        |
| 61+104            |       | 230.0 | 98.0  | 42111.1 | 114.2 | 2734. | *27044.    | 1914.92    | 0.52 | 45.5        |
| 105               | 1 1   | 220.0 | 97.0  | 42448.1 | 114.1 | 2734. | *27060.    | 1930.06    | 0.52 | 45.5        |
| 63+105            |       | 220.0 | 97.0  | 42863.1 | 114.2 | 2734. | *27079.    | 1949.04    | 0.52 | 45.5        |
| 106               | 1 1   | 210.0 | 96.0  | 43437.1 | 114.1 | 2734. | *27104.    | 1974.82    | 0.52 | 45.5        |
| 65+106            |       | 210.0 | 96.0  | 44217.1 | 114.1 | 2734. | *27140.    | 2010.39    | 0.52 | 45.5        |
| 107               | 1 1   | 200.0 | 95.0  | 44717.1 | 114.1 | 2734. | *27162.    | 2032.78    | 0.52 | 45.5        |
| 67+107            |       | 200.0 | 95.0  | 45510.1 | 114.1 | 2734. | *27198.    | 2068.83    | 0.52 | 45.5        |
| 108               | 1 1   | 170.0 | 94.0  | 45848.1 | 114.0 | 2734. | *27213.    | 2083.92    | 0.52 | 45.5        |
| 72+108            |       | 170.0 | 94.0  | 47222.1 | 114.0 | 2734. | *27276.    | 2146.42    | 0.52 | 45.5        |
| 109               | 1 1   | 120.0 | 93.0  | 48347.1 | 113.9 | 2734. | *27326.    | 2196.51    | 0.52 | 45.4        |
| 78+109            |       | 120.0 | 93.0  | 51041.1 | 113.6 | 2734. | *27447.    | 2317.13    | 0.52 | 45.4        |
| 110               | 1 1   | 105.0 | 92.0  | 51297.1 | 113.6 | 2734. | *27458.    | 2328.50    | 0.52 | 45.4        |
| 80+110            |       | 105.0 | 92.0  | 51632.1 | 113.5 | 2734. | *27473.    | 2343.37    | 0.52 | 45.4        |
| 111               | 1 1   | 90.0  | 91.0  | 52444.1 | 113.4 | 2734. | *27509.    | 2379.31    | 0.52 | 45.4        |
| 82+111            |       | 90.0  | 91.0  | 53307.1 | 113.2 | 2734. | *27547.    | 2417.51    | 0.52 | 45.4        |
| 112               | 1 1   | 80.0  | 90.0  | 53687.1 | 113.2 | 2734. | *27564.    | 2434.28    | 0.52 | 45.3        |
| 84+112            |       | 80.0  | 90.0  | 54229.1 | 113.1 | 2734. | *27588.    | 2458.13    | 0.52 | 45.3        |
| 113               | 1 1   | 35.0  | 89.0  | 54904.1 | 113.0 | 2734. | *27617.    | 2487.83    | 0.52 | 45.3        |
| 87+113            |       | 35.0  | 89.0  | 56333.1 | 112.7 | 2734. | *27680.    | 2550.89    | 0.52 | 45.3        |
| 114               | 1 1   | 0.0   | 88.0  | 57461.1 | 112.5 | 2734. | *31130.    | 2600.37    | 0.52 | 45.3        |

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* CUENCA DEL RIO NAPO : REGIMEN # 1 *
* CURVAS ENTRE PRECIPITACION (P) / ESCURRIMIENTO (E) VS ALTURA (A) *
* AMAX = 1000. : AMIN = 135. *
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ALTURA (M.S.N.M.)



|     |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| A : | 0    | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 550  | 1050 |
| Q : | 1150 | 1260 | 1375 | 1500 | 1625 | 1750 | 1800 | 1825 | 1850 | 1860 | 1870 | 1875 |
| P : | 2700 | 2715 | 2730 | 2745 | 2760 | 2770 | 2800 | 2815 | 2830 | 2845 | 2860 | 3000 |
| K : | .426 | .464 | .504 | .546 | .589 | .632 | .643 | .648 | .654 | .654 | .654 | .625 |