|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Ca2+  mg/l | Mg2+  mg/l | Na+  mg/l | K+  mg/l | Sr2+  mg/l | Alk  mg/l | C  mg/l | S  mg/l | B  mg/l | mg/l | Fe  mg/l | 0  Vs  SMOW | 0  Vs  SMOW | 0  Vs  PDB | 87Sr/86Sr |
| *Po plain groundwaters* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AGNADELLO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Agnadel SL | B | 56 | 35.4 | 927 | 7.8 |  | 60 | 1530 | 19.2 |  |  | 7 | -28.27 | -2.48 |  |  |
| AQUI TERME |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| La Bollente | A | 136 | 6.1 | 700 | 16.3 |  | 39.7 | 1170 | 188 |  |  |  |  | -9.01 |  |  |
| La Bollente | G |  |  |  |  |  |  | 1200 |  | 5.1 |  | 0.1 |  | -7.85 | -2.45 |  |
| BACEDASCO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F Alberoniana | C | 84.2 | 58.4 | 220 | 9.1 | 0.88 | 723 | 141 | 89.1 | 0.5 | 0.48 | 0.13 |  |  |  |  |
| F. Amussia | C | 71.7 | 48.6 | 76.8 | 6.25 | 9.35 | 423 | 106 | 68.9 | 0.33 | 0.42 |  |  |  |  |  |
| F. Fedelina | C | 72.5 | 57.1 | 140 | 8.23 | 16.8 | 593 | 110 | 103 | 0.46 | 0.46 | 0.27 |  |  |  |  |
| F. Ipogea | C | 107 | 38.9 | 54.3 | 1.1 | 10.9 | 544 | 17.6 | 94.2 | 0.22 | 0.05 | 0.13 |  |  |  |  |
| F. Korneriana | C | 58.9 | 63.2 | 158 | 1.25 | 20.1 | 423 | 95.3 | 90.4 | 0.48 | 0.88 | 0.28 |  |  |  |  |
| F. Nuova | C | 71.7 | 59.6 | 105 | 7.11 | 18.4 | 480 | 77.8 | 78.9 | 2.4 | 0.53 | 0.03 |  |  |  |  |
| F. Piazzale | C | 40.5 | 34 | 360 | 3.2 |  | 733 | 309 | 99.7 | 0.85 | 2.29 | 0.05 |  |  |  |  |
| F. S. Lorenzo | C | 41.7 | 45 | 201 | 11.4 | 18.1 | 449 | 267 | 19.1 | 0.75 | 1.22 | 0.54 |  |  |  |  |
| BALZOLA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balzola | A | 2630 | 500 | 1680 | 180 |  | 60 | 3510 | 540 |  |  |  |  |  |  |  |
| BOBBIO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terme | A | 8.8 | 2.6 | 2220 | 67 |  | 169 | 4970 | 52 |  |  |  |  | -8.41 |  |  |
| Sulfurea | A | 29.7 | 4 | 387 | 140 |  | 149 | 10050 | 10 |  |  |  |  | -7.86 |  |  |
| Salsoiodica | A | 64.4 | 4.4 | 8550 | 280 |  | 172 | 32520 | 21 |  |  |  |  | -5.45 | -2.9 |  |
| S. Martino | C | 417 | 63.8 | 2450 | 9.3 | 50 | 304 | 4560 | 56.4 |  | 0.6 | 0.4 |  |  |  |  |
| BORDOLANO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bordolano 1 | B | 1270 | 823 | 5520 | 57.2 |  | 450 | 11100 | 2550 |  |  | 10 | -31.83 | 1.64 |  |  |
| BRISIGHELLA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Colombarino | C | 247 | 112 | 61 | 1.2 |  | 701 | 106 | 464 |  |  |  |  |  |  |  |
| Igea | C | 1754 | 794 | 14510 | 58 |  | 69 | 27950 |  | 48 | 24 | 78 |  |  |  |  |
| Terme | G |  |  |  |  |  |  |  |  |  |  | 11.36 |  | -4.31 | -2.5 |  |
| BRUGHERIO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brugherio | B | 1040 | 540 | 18060 | 112 |  | 130 | 30200 | 1440 |  |  | 13 | -16.75 | -0.2 |  |  |
| CASTEGGIO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Casteggio | B | 40 | 53 | 6300 | 60 |  | 1190 | 8900 | 190 |  |  | 11 | -29.8 | 0.4 |  |  |
| CASTROCARO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Anna | C | 148 | 97.3 | 1090 | 12 |  |  | 1950 | 23.5 |  |  |  |  |  |  |  |
| Beatrice | C | 290 | 198 | 3180 | 32 |  |  | 5820 | 4.9 |  | 3.5 |  |  |  |  |  |
| Salubria | C | 209 | 134 | 2200 | 22.4 |  |  | 3970 | 15.2 |  | 2.2 |  |  |  |  |  |
| Casetta e Pozzo 66 | C |  |  |  |  |  |  | 19860 |  |  |  |  |  |  |  |  |
| Conti | C | 886 | 722 | 13000 | 10.6 |  |  | 24020 | 117 |  | 24.8 |  |  |  |  |  |
| CONTIGNACO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AcquaS.Giovanni | C | 85.2 | 30.7 | 94.9 | 5.6 |  | 528 | 31.3 | 72.3 |  |  | 0.2 |  | -4.17 |  |  |
| CORNEGLIANO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cornegliano1 | B | 806 | 480 | 9360 | 156 |  | 659 | 16100 | 1060 |  |  | 10 | -25.3 | 2.13 |  |  |
| CORREGGIO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Coreggio1 | B | 249 | 84 | 5110 | 75 |  | 201 | 8500 | 48 |  |  | 1.5 | -47.87 | -6.67 |  |  |
| Correggio C | B | 400 | 145 | 9775 | 81.9 |  | 12.2 | 16500 | 14.4 |  |  | 3.6 |  |  |  |  |
| Correggio17 | B | 420 | 145 | 9640 | 78 |  | 18 | 15900 | 25 |  |  | 2.7 | -39.33 | -5.06 |  |  |
| CORTEMAGGIORE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pozzo 44 | B | 2140 | 686 | 25300 | 61.8 |  |  | 46150 | 7 |  |  | 3.1 | -9.18 | -1.47 |  |  |
| Pozzo 51 | B | 6920 | 2370 | 52850 | 299 |  | 24 | 103780 | 3 |  |  | 3 | -51.46 | 2.5 |  |  |
| Pozzo 51 | G |  |  |  |  |  |  | 118600 |  | 540 |  | 96 |  |  |  |  |
| Pozzo 77 | B | 872 | 300 | 8230 | 39 |  | 177 | 15900 | 48 |  |  | 4.3 |  | -7.19 |  |  |

**Sambungan**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Ca2+  mg/l | Mg2+  mg/l | Na+  mg/l | K+  mg/l | Sr2+  mg/l | Alk  mg/l | C  mg/l | S  mg/l | B  mg/l | mg/l | Fe  mg/l | 0  Vs  SMOW | 0  Vs  SMOW | 0  Vs  PDB | 87Sr/86Sr |
| Pozzo 81 | B | 2700 | 876 | 30130 | 117 |  | 79.3 | 55000 | 9.6 |  |  | 4.8 |  | 0.54 |  |  |
| MALOSSA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Malossa 9 | B | 778 | 256 | 9100 | 28 |  | 1700 | 11700 | 2500 |  |  | 7 | -18.37 | 14.02 |  |  |
| Malossa 11 | B | 802 | 386 | 9130 | 46.8 |  | 1560 | 13490 | 2510 |  |  | 10 |  | 12.88 |  |  |
| MONTICELLI |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terme | A | 730 | 230 | 11900 |  |  | 330 | 18440 | 130 |  |  |  |  |  |  |  |
| Pozzo 13 | C | 7260 | 2710 | 38900 | 211 | 647 | 23.2 | 81560 |  | 490.3 | 32.03 | 46.2 |  |  |  |  |
| PONTE TIDONE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PonteTidone1 | B | 610 | 454 | 6800 | 115 |  | 464 | 11400 | 1270 |  |  |  | -34.83 | 0.32 |  |  |
| PORRETTA TERME |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Puzzola | C | 38.4 | 9.6 | 1280 | 9.67 | 4.89 |  | 1680 | 15 |  |  |  |  |  |  |  |
| P. Vecchia | C |  |  |  |  | 4.81 | 652 | 1280 | 12 |  |  |  |  |  |  |  |
| RICCIONE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Isabella | C | 1280 | 1190 | 10200 | 170 |  | 460 | 21350 | 120 | 104.1 | 8.1 | 0.3 |  |  |  |  |
| ClaudiaRicci | C | 974 | 959 | 5870 | 56.4 |  | 598 | 12800 | 682 | 51.8 | 2.3 | 1.5 |  |  |  |  |
| Margherita | C | 85.2 | 291 | 6050 |  |  | 492 | 9460 | 265 |  | 15.2 |  |  |  |  |  |
| Salsoiodica | C | 93.4 | 375 | 6480 |  |  | 689 | 10770 | 90.8 |  | 55.8 |  |  |  |  |  |
| Vittoria | C | 216 | 757 | 10500 |  |  | 28 | 18630 | 8.3 |  | 57 |  |  |  |  |  |
| Vittoria | G |  |  |  |  |  | 457 | 15800 | 445 |  |  | 9.48 |  | -1.83 | -1.2 |  |
| ROMANENGO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Romanengo | B | 260 | 120 | 8400 | 78 |  | 670 | 13100 | 28 |  |  | 2.8 | -18.37 | 1.42 |  |  |
| SALICE TERME |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terme | A | 4360 | 2160 | 27840 | 236 |  | 561 | 56090 | 7.2 |  |  |  |  | 0.85 |  |  |
| SALSOMAGGIORE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Salsomaggiore | A | 4390 | 630 | 48000 | 20 |  | 340 | 65340 | 230 |  | 40 |  |  | 0.5 |  |  |
| Miscelazione | C | 5360 | 1440 | 49190 | 198 | 392 | 101 | 90620 | 145 | 235.6 | 54.9 | 29.6 |  |  |  |  |
| SALVAROLA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pozzo 1 | C | 50.8 | 86.3 | 315 | 0.9 |  | 1050 | 83.7 | 200 |  |  | 0.3 |  |  |  |  |
| Pozzo 2 | C | 13.2 | 12.3 | 5600 |  |  | 2090 | 8040 | 33.5 | 55 | 33.5 |  |  |  |  |  |
| S.ANDREA TERME |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Acqua purgativa | C | 669 | 785 | 10560 | 7.7 |  | 110 | 19560 | 4.8 | 235 | 29.5 | 3.5 |  |  |  |  |
| Acqua purg. legg. | C | 268 | 172 | 5810 | 85 |  | 145 | 9710 | 16.6 |  |  | 0.4 |  |  |  |  |
| SORGARA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Salutare purg. | C | 424 | 260 | 4250 | 197 |  |  | 7700 | 151 | 2.8 | 3.2 | 7.8 |  |  |  |  |
| SPILAMBERTO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Spilamberto16 | B | 68.1 | 42.7 | 955 | 6.3 |  | 81 | 1600 | 16.7 |  |  | 2 | -32.87 | -2.99 |  |  |
| Spialmberto 7 | B | 510 | 315 | 7160 | 49.5 |  | 120 | 11420 | 125 |  |  | 4 |  | -1.85 |  |  |
| Spilamberto P | B | 700 | 6.48 | 7845 | 117 |  | 244 | 24200 | 1060 |  |  | 4 | -13.3 | -0.85 |  |  |
| TABIANO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terme | C | 1700 | 840 | 1470 | 87 |  | 70 | 2260 | 50 |  |  |  |  |  |  |  |
| Arve1 | C | 618 | 109 | 1600 | 8.1 | 10 | 452 | 132 | 1680 | 0.07 | 0.06 | 3 |  |  |  |  |
| VALMADONNA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Inea | I | 870 | 250 | 6900 | 58.7 |  | 525 | 10600 | 927 |  |  |  |  | -8.56 |  |  |
| VOLPEDO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Volpedo | A | 1170 | 910 | 12800 | 182 |  | 30 | 23670 | 4 |  |  |  |  |  |  |  |
| *Monferrato* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Montafia 3 | D | 39.5 | 49.8 | 262 | 10.1 | 0.9 | 472 | 566 | 5.89 |  |  |  |  | -9.14 | -10.97 | 0.7092 |
| Brozolo | D | 32.3 | 45.8 | 95.4 | 3.43 | 0.8 | 401 | 172 | 29.7 |  |  |  |  | -7.67 | -13.52 | 0.71112 |
| Murisengo | D | 110 | 106 | 63.3 | 3.76 | 0.9 | 290 | 119 | 490 |  |  |  |  | -7.91 | -12.56 | 0.70882 |
| Alfiano Natta | D | 44.9 | 77.5 | 17.4 | 1.47 | 0.2 | 434 | 18.8 | 75.8 |  |  |  |  | -8.1 | -14.22 | 0.70972 |
| S. Margherita | D | 611 | 324 | 2270 | 37.9 | 15.6 | 119 | 4720 | 3480 |  |  |  |  | -10 | -10.73 | 0.70903 |
| Rio Freddo | D | 46.7 | 113 | 28.9 | 1.3 | 1 | 516 | 19.3 | 37.1 |  |  |  |  | -6.67 | -14.06 | 0.70871 |
| Lussello 1 | D | 72.3 | 58 | 3.56 | 0.56 |  | 434 | 15.2 | 48.2 |  |  |  |  | -8.34 | -13.69 |  |

**Sambungan**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Ca2+  mg/l | Mg2+  mg/l | Na+  mg/l | K+  mg/l | Sr2+  mg/l | Alk  mg/l | C  mg/l | S  mg/l | B  mg/l | mg/l | Fe  mg/l | 0  Vs  SMOW | 0  Vs  SMOW | 0  Vs  PDB | 87Sr/86Sr |
| Treville 2 | D | 568 | 126 | 54.5 | 4.87 | 13 | 379 | 155 | 1620 |  |  |  |  | -7.34 | -11.89 | 0.709 |
| Montemagno | D | 569 | 105 | 38 | 5.02 | 12.8 | 416 | 51.6 | 1470 |  |  |  |  | -7.68 | -13.32 | 0.70898 |
| Calliano | D | 581 | 118 | 154 | 6.5 | 14.2 | 382 | 265 | 1570 |  |  |  |  | -7.76 | -14.8 | 0.70896 |
| Agliano 3 | D | 217 | 213 | 2220 | 25 | 8.2 | 311 | 3860 | 1960 |  |  |  |  | -8.96 | -10.32 | 0.70908 |
| Allere Alta | D | 196 | 43 | 17.4 | 0.66 |  | 466 | 45.6 | 175 |  |  |  |  | -7.67 | -12.36 |  |
| *Po plain mud volcanoes* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NIRANO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| vulcanello | F | 95 | 265 | 4350 | 42 |  | 405 | 7300 | 200 | 62.6 | 40.3 |  |  |  |  |  |
| vulcanello 3/7/87 | \* |  |  |  |  |  |  |  |  |  |  |  | -2.02 | 4.69 |  |  |
| vulcanello 13/7/87 | \* |  |  |  |  | 4.77 |  |  |  |  |  |  | 4.03 | 5.51 |  | 0.70894 |
| OSPITALETTO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ospitaletto 1 23/5/87 | F\* | 105 | 101 | 4800 | 11 | 24 | 970 | 7350 | 0 | 37.7 | 24.7 |  | 9.05 | 5.93 |  | 0.70918 |
| Ospitaletto 2 | F | 190 | 131 | 4950 | 18 |  | 490 | 8090 | 0 |  |  |  |  |  |  |  |
| Ospitaletto | \* |  |  |  |  |  |  |  |  |  |  |  | 3.27 | 4.62 |  |  |
| REGNANO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| vulcanello | F\* | 220 | 84 | 5500 | 21.5 |  | 1880 | 8020 | 53 | 58.8 | 40.5 |  |  |  |  |  |
| vulcanello | G |  |  |  |  |  | 2010 | 7900 | 185 |  |  |  |  | 2.93 | -1.7 |  |
| vulcanello 23/5/87 | \* |  |  |  |  | 8.78 |  |  |  |  |  |  |  |  |  | 0.70899 |
| vulcanello 1/3/94 | \* |  |  |  |  | 16.3 |  |  |  |  |  |  | -2.24 | 3.58 |  | 0.70872 |

g