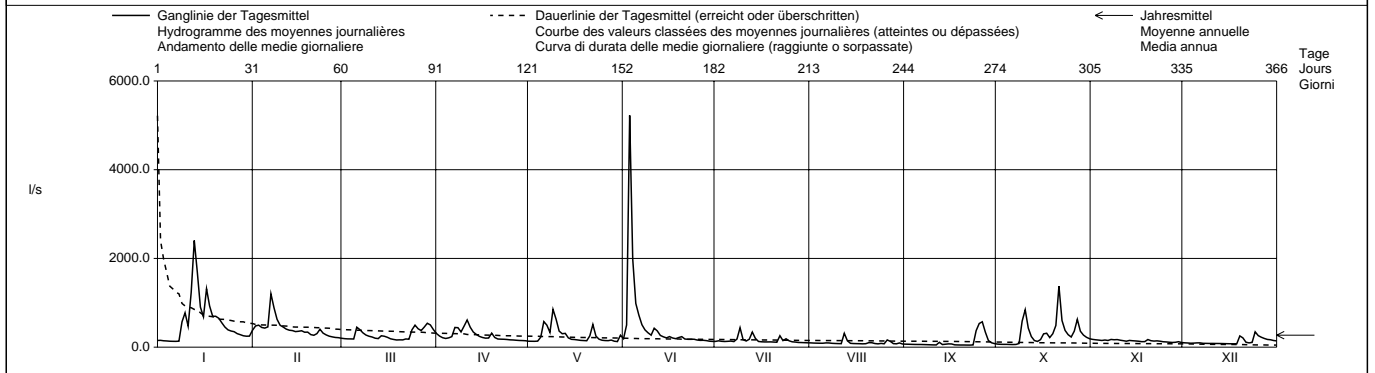


| | | |
|--|--------------------------|---|
| Abfluss Débit Portata | Kempt - Fehrltorf | ZH 580 |
| Koordinaten Coordonnées Coordinate | 698 225 / 249 770 | Höhe Altitude Altitudine |
| | | 520.0 |
| | | m ü.M. m s.m. m s.m. |
| | | Fläche Surface Superficie |
| | | 23.70 |
| | | km ² |
| | | Mittlere Höhe Altitude moyenne Altitudine media |
| | | m ü.M. m s.m. m s.m. |
| | | Vergletscherung Extension glacier Ghiacciaio |
| | | % |

| 2004 | Jan./Janv. Genn. | Feb./Févr. Febr. | März/Mars Marzo | April/Avril Aprile | Mai/Mai Maggio | Juni/Juin Giugno | Juli/Juillet Luglio | Aug./Août Agosto | Sept./Sept. Sett. | Okt./Oct. Ott. | Nov./Nov. Nov. | Dez./Déc. Dic. | |
|----------------------------|---------------------|---------------------|--------------------|-----------------------|-------------------|---------------------|------------------------|---------------------|----------------------|-------------------|-------------------|-------------------|----|
| 1 | 151 | 382 | 201 | 307 | 134 | 191 | 130 | 96.7 | 67.8 | 68.6 | 175 | 97.8 | 1 |
| 2 | 154 | 479 | 192 | 250 | 133 | 500 | 143 | 92.6 | 65.7 | 64.3 | 166 | 94.4 | 2 |
| 3 | 144 | 496 | 187 | 213 | 132 | 5224 | 132 | 90.4 | 63.2 | 63.1 | 159 | 88.8 | 3 |
| 4 | 140 | 444 | 186 | 196 | 136 | 1984 | 128 | 88.8 | 61.3 | 63.2 | 151 | 91.4 | 4 |
| 5 | 134 | 430 | 184 | 210 | 226 | 986 | 132 | 88.4 | 60.5 | 60.8 | 161 | 96.5 | 5 |
| Tagesmittel | | | | | | | | | | | | | |
| Moyenne journalière | 132 | 457 | 450 | 238 | 576 | 722 | 137 | 96.2 | 60.2 | 59.2 | 151 | 97.1 | 6 |
| 7 | 131 | 1203 | 396 | 444 | 496 | 506 | 126 | 94.9 | 58.2 | 61.4 | 174 | 86.4 | 7 |
| 8 | 135 | 889 | 323 | 439 | 333 | 389 | 184 | 86.9 | 56.2 | 82.8 | 167 | 85.2 | 8 |
| Media giornaliera | 571 | 628 | 273 | 343 | 851 | 323 | 438 | 83.2 | 53.5 | 58.6 | 171 | 83.9 | 9 |
| 10 | 775 | 494 | 246 | 475 | 631 | 271 | 168 | 80.4 | 51.1 | 84.3 | 157 | 84.4 | 10 |
| 11 | 473 | 453 | 229 | 612 | 362 | 427 | 139 | 78.8 | 50.4 | 430 | 146 | 83.2 | 11 |
| 12 | 1237 | 407 | 202 | 450 | 303 | 367 | 178 | 312 | 110 | 239 | 134 | 82.5 | 12 |
| 13 | 2404 | 382 | 193 | 341 | 311 | 265 | 340 | 145 | 58.8 | 149 | 152 | 81.8 | 13 |
| 14 | 1686 | 374 | 257 | 286 | 209 | 233 | 198 | 86.5 | 66.6 | 129 | 145 | 79.7 | 14 |
| 15 | 903 | 351 | 246 | 243 | 177 | 209 | 129 | 81.6 | 74.1 | 170 | 140 | 77.9 | 15 |
| 16 | 686 | 358 | 222 | 218 | 172 | 238 | 121 | 79.6 | 72.1 | 300 | 134 | 76.6 | 16 |
| 17 | 1315 | 370 | 189 | 203 | 163 | 207 | 118 | 77.9 | 52.4 | 314 | 124 | 75.6 | 17 |
| 18 | 929 | 337 | 174 | 206 | 153 | 191 | 118 | 74.9 | 49.9 | 216 | 125 | 76.8 | 18 |
| 19 | 696 | 339 | 162 | 316 | 149 | 217 | 119 | 78.0 | 48.3 | 303 | 172 | 253 | 19 |
| 20 | 696 | 283 | 165 | 218 | 145 | 237 | 115 | 102 | 48.5 | 489 | 146 | 209 | 20 |
| 21 | 651 | 268 | 164 | 184 | 255 | 184 | 111 | 99.6 | 47.3 | 1376 | 137 | 111 | 21 |
| 22 | 548 | 305 | 185 | 180 | 511 | 177 | 258 | 81.6 | 46.8 | 601 | 142 | 96.3 | 22 |
| 23 | 453 | 404 | 179 | 178 | 249 | 177 | 148 | 74.5 | 50.0 | 378 | 134 | 107 | 23 |
| 24 | 390 | 317 | 392 | 173 | 180 | 179 | 189 | 84.8 | 372 | 282 | 122 | 346 | 24 |
| 25 | 364 | 277 | 496 | 165 | 156 | 161 | 143 | 76.2 | 533 | 229 | 118 | 260 | 25 |
| 26 | 349 | 248 | 415 | 162 | 149 | 153 | 121 | 163 | 572 | 361 | 111 | 224 | 26 |
| 27 | 305 | 232 | 374 | 156 | 147 | 155 | 115 | 131 | 339 | 626 | 106 | 196 | 27 |
| 28 | 262 | 219 | 452 | 151 | 160 | 148 | 106 | 79.9 | 149 | 359 | 110 | 174 | 28 |
| 29 | 257 | 214 | 539 | 149 | 134 | 135 | 104 | 75.3 | 99.5 | 272 | 123 | 167 | 29 |
| 30 | 247 | | 501 | 145 | 126 | 130 | 101 | 95.3 | 80.2 | 222 | 105 | 150 | 30 |
| 31 | 249 | | 395 | | 270 | | 98.1 | 71.0 | | 190 | | 141 | 31 |

| | | | | | | | | | | | | | |
|---|-------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|-----|
| Monatsmittel Moyenne mensuelle Media mensile | 568 | 416 | 283 | 262 | 263 | 510 | 155 | 98.4 | 117 | 310 | 142 | 128 | l/s |
| Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data | 4268 13. | 1845 7. | 730 29. | 837 10. | 1350 9. | 7690 3. | 1410 9. | 1715 12. | 1174 25. | 2926 21. | 329 19. | 936 19. | l/s |

Jahresmittel / Moyenne annuelle / Media annua 270 l/s



| Periode / Période / Periodo | 1991 - 2004 (14 Jahre / années / anni) | | | | | | | | | | | | | | |
|---|--|---------------|--------------|--------------|---|--------------|--------------|--------------|---------------|--------------|--------------|---|-------------|------------|-----|
| Monatsmittel Moyenne mensuelle Media mensile | 427 | 400 | 427 | 379 | 471 | 451 | 352 | 225 | 343 | 307 | 404 | 432 | l/s | | |
| Maximum / Massimo (Spitze / Pointe / Punta) Jahr / Année / Anno | 4970 1995 | 16004 1999 | 4310 2001 | 4940 1995 | 24853 1999 | 7690 2004 | 6660 1993 | 8690 2002 | 10237 2000 | 5820 1993 | 6726 1998 | 8290 1997 | l/s Dat. | | |
| Minimum / Minimo (Tagesmittel / Moyenne journ. / Media giorn.) | 79.3 1992 | 90.3 1992 | 44.1 1992 | 53.5 1997 | 30.5 1997 | 26.7 1997 | 26.3 1993 | 36.2 2003 | 27.6 2003 | 21.2 1992 | 61.2 1997 | 63.6 1995 | l/s Dat. | | |
| Grösstes Jahresmittel Moyenne annuelle la plus grande La più grande media annua | 606 (1999) | | | l/s | Mittlerer Abfluss Débit moyen Portata media | | | 384 | | | l/s | Kleinstes Jahresmittel Moyenne annuelle la plus petite La più piccola media annua | | 198 (2003) | l/s |

| Dauer der Abflüsse (erreicht oder überschritten) / Débits classés (atteints ou dépassés) / Durata delle portate (raggiunte o sorpassate) | 1 | 3 | 6 | 9 | 18 | 36 | 55 | 73 | 91 | 114 | 137 | 160 | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 2004 | 5224 | 1984 | 1315 | 986 | 696 | 500 | 430 | 367 | 317 | 258 | 222 | 191 | l/s |
| 1991 - 2004 | 4215 | 2648 | 1872 | 1634 | 1186 | 820 | 629 | 520 | 439 | 368 | 305 | 258 | l/s |
| Tage / Jours / Giorni | 182 | 205 | 228 | 251 | 274 | 292 | 310 | 329 | 347 | 356 | 362 | 365 | |
| 2004 | 174 | 157 | 145 | 133 | 118 | 97.8 | 85.2 | 77.9 | 63.1 | 56.2 | 49.9 | 47.3 | l/s |
| 1991 - 2004 | 226 | 199 | 176 | 158 | 136 | 122 | 104 | 85.3 | 65.0 | 52.7 | 36.6 | 26.7 | l/s |

Einzugsgebiet mit Luppnen.

(Trockenwetterabfluss der Luppnen wird grösstenteils Richtung Pfäffikersee abgeleitet. Einzugsgebiet der Luppnen bis zum Ableitungwehr: 9,3 km²).

Ab 1. Dez. 1997 neue Messschwelle (erhöhte Messgenauigkeit).