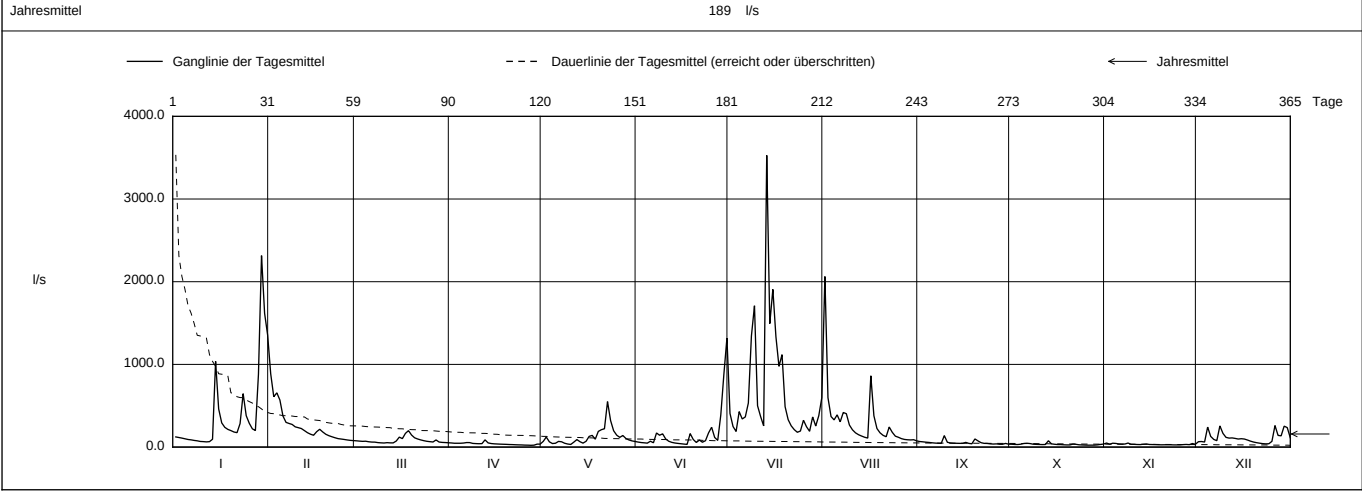


|                |                                    |  |  |  |  |                         |  |                     |  |  |               |
|----------------|------------------------------------|--|--|--|--|-------------------------|--|---------------------|--|--|---------------|
| <b>Abfluss</b> | <b>Haselbach - Mettmnenstetten</b> |  |  |  |  |                         |  |                     |  |  | <b>ZH 543</b> |
|                | Koordinaten 2 677 150 / 1 232 170  |  |  |  |  | Stations Höhe 453.0 müM |  | Fläche 9.6 km2      |  |  |               |
|                |                                    |  |  |  |  | Mittlere Höhe 534.0 müM |  | Vergletscherung - % |  |  |               |

| 2021             |         | Jan    | Feb    | März   | April  | Mai    | Juni   | Juli   | Aug    | Sept   | Okt    | Nov    | Dez    |     |
|------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 1                | 123     | 887 +  | 75.7   | 49.9   | 68.5   | 60.7   | 407    | 2060 + | 67.2   | 34.5   | 48.9 + | 65.1   | 1      |     |
| 2                | 116     | 609    | 72.2   | 46.5   | 122    | 54.7   | 249    | 598    | 63.7   | 31.9   | 35.0   | 67.3   | 2      |     |
| 3                | 109     | 656    | 69.3   | 46.3   | 63.8   | 51.5   | 189    | 370    | 59.4   | 30.8   | 46.8   | 61.0   | 3      |     |
| 4                | 100     | 569    | 70.9   | 46.4   | 42.8   | 47.8   | 429    | 329    | 56.1   | 35.1   | 44.2   | 242    | 4      |     |
| 5                | 91.8    | 375    | 64.6   | 49.0   | 46.4   | 70.9   | 340    | 390    | 51.8   | 43.8   | 38.0   | 130    | 5      |     |
| Tagesmittel      | 6       | 87.6   | 299    | 60.6   | 54.7   | 68.6   | 52.2   | 365    | 48.4   | 46.3   | 36.4   | 92.9   | 6      |     |
|                  | 7       | 80.5   | 285    | 60.1   | 54.0   | 64.3   | 171    | 533    | 46.5   | 42.6   | 37.2   | 77.5   | 7      |     |
|                  | 8       | 75.9   | 274    | 54.3   | 44.6   | 46.5   | 143    | 1340   | 44.9   | 35.1   | 48.6   | 257    | 8      |     |
|                  | 9       | 68.1   | 245    | 51.1   | 42.4   | 37.1   | 160    | 1710   | 267    | 139 +  | 32.8   | 34.1   | 166    | 9   |
|                  | 10      | 66.2   | 235    | 49.2 - | 40.7   | 31.9 - | 98.5   | 500    | 209    | 57.8   | 31.7   | 33.2   | 118    | 10  |
|                  | 11      | 63.0 - | 225    | 53.7   | 42.0   | 60.0   | 70.6   | 369    | 172    | 50.1   | 30.4   | 31.3   | 109    | 11  |
|                  | 12      | 65.7   | 200    | 51.1   | 87.4 + | 91.0   | 57.2   | 256    | 149    | 47.1   | 31.3   | 30.5   | 111    | 12  |
|                  | 13      | 95.0   | 174    | 50.7   | 50.6   | 65.2   | 49.5   | 3530 + | 133    | 46.1   | 76.8 + | 34.4   | 105    | 13  |
|                  | 14      | 1040   | 156    | 73.1   | 42.8   | 47.9   | 44.4   | 1490   | 119    | 45.2   | 39.0   | 37.4   | 97.4   | 14  |
|                  | 15      | 462    | 143    | 121    | 39.5   | 70.3   | 40.2   | 1910   | 109    | 45.0   | 34.1   | 31.5   | 101    | 15  |
| I/s              | 16      | 293    | 186    | 102    | 37.4   | 129    | 36.2   | 1330   | 862    | 56.9   | 30.8   | 30.6   | 97.6   | 16  |
|                  | 17      | 239    | 215    | 166    | 35.5   | 142    | 32.6 - | 977    | 379    | 44.8   | 30.4   | 29.6   | 85.5   | 17  |
|                  | 18      | 214    | 183    | 199 +  | 34.1   | 95.2   | 163    | 1120   | 224    | 40.1   | 27.6   | 27.9   | 71.8   | 18  |
|                  | 19      | 199    | 155    | 146    | 32.8   | 190    | 92.3   | 489    | 173    | 98.5   | 26.3   | 27.4   | 61.1   | 19  |
|                  | 20      | 182    | 138    | 112    | 31.1   | 210    | 55.9   | 331    | 142    | 74.8   | 26.1   | 28.0   | 53.1   | 20  |
|                  | 21      | 174    | 125    | 97.7   | 30.0   | 222    | 85.0   | 257    | 125    | 53.1   | 35.9   | 28.1   | 47.0   | 21  |
|                  | 22      | 285    | 113    | 86.9   | 28.2   | 550 +  | 58.8   | 211    | 243    | 45.3   | 33.5   | 27.8   | 41.7   | 22  |
|                  | 23      | 646    | 102    | 77.3   | 26.8   | 321    | 77.3   | 179 -  | 179    | 44.2   | 27.6   | 26.4   | 38.9 - | 23  |
| + Maximum        | 24      | 380    | 97.4   | 70.1   | 25.6   | 198    | 172    | 194    | 132    | 39.1   | 25.9   | 26.5   | 40.2   | 24  |
|                  | 25      | 288    | 92.4   | 65.6   | 23.8   | 144    | 240    | 325    | 119    | 36.8   | 24.2   | 26.2 - | 69.3   | 25  |
| - Minimum        | 26      | 221    | 86.0   | 61.7   | 23.2   | 117    | 116    | 246    | 102    | 38.8   | 23.3 - | 29.9   | 261 +  | 26  |
|                  | 27      | 200    | 81.2   | 86.3   | 21.8 - | 140    | 81.1   | 191    | 92.6   | 34.1   | 23.6   | 31.8   | 141    | 27  |
|                  | 28      | 881    | 78.2 - | 61.1   | 23.4   | 104    | 388    | 365    | 88.2   | 33.9 - | 23.6   | 29.2   | 136    | 28  |
|                  | 29      | 2320 + |        | 56.8   | 35.8   | 86.0   | 878    | 254    | 86.4   | 44.3   | 26.3   | 42.7   | 253    | 29  |
|                  | 30      | 1620   |        | 54.8   | 35.7   | 74.9   | 1320 + | 380    | 89.2   | 35.2   | 32.0   | 34.3   | 236    | 30  |
|                  | 31      | 1350   |        | 52.3   |        | 67.8   |        | 599    | 75.0 - |        | 36.5   |        | 112    | 31  |
| Monatsmittel     |         | 391    | 249    | 79.8   | 39.4   | 120    | 166    | 680 +  | 295    | 52.9   | 33.2 - | 33.8   | 114    | I/s |
| Maximum (Spitze) |         | 3370   | 1080   | 300    | 142 -  | 1240   | 3730   | 7340 + | 4400   | 1280   | 300    | 147    | 583    | I/s |
| Datum            |         | 29.    | 3.     | 17.    | 12.    | 22.    | 30.    | 13.    | 1.     | 9.     | 13.    | 1.     | 8.     |     |
| Jahresmittel     | 189 I/s |        |        |        |        |        |        |        |        |        |        |        |        |     |



| 1970 - 2021                   |                                  |              |                |                    |              |                 |              |                                  |              |              |              |              | (52 Jahre) |
|-------------------------------|----------------------------------|--------------|----------------|--------------------|--------------|-----------------|--------------|----------------------------------|--------------|--------------|--------------|--------------|------------|
| Monatsmittel                  | 134                              | 147          | 134            | 131                | 145          | 174 +           | 163          | 133                              | 106 -        | 113          | 127          | 152          | I/s        |
| Maximum (Spitze)<br>Jahr      | 3370<br>2021                     | 3530<br>1990 | 2370 -<br>1987 | 4480<br>2008       | 7210<br>1999 | 17400 +<br>2008 | 7900<br>1989 | 14800<br>2007                    | 4240<br>2010 | 6860<br>2012 | 4970<br>1972 | 5010<br>2011 | I/s        |
| Minimum (Tagesmittel)<br>Jahr | 21<br>1990                       | 23 +<br>1992 | 12<br>1972     | 17<br>1972         | 13<br>2011   | 6<br>2020       | 0 -<br>2018  | 0 -<br>2018                      | 1<br>2018    | 6<br>2018    | 6<br>2018    | 15<br>2018   | I/s        |
| Periode                       | Grösstes Jahresmittel 230 (1981) |              |                | Periodenmittel 138 |              |                 |              | Kleinstes Jahresmittel 72 (2003) |              |              |              | I/s          |            |

|                                                         |      |      |      |      |      |      |      |      |      |      |      |      |     |
|---------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| <b>Dauer der Abflüsse</b> (erreicht oder überschritten) |      |      |      |      |      |      |      |      |      |      |      |      |     |
| <b>Tage</b>                                             | 1    | 3    | 6    | 9    | 18   | 36   | 55   | 73   | 91   | 114  | 137  | 160  |     |
| <b>2021</b>                                             | 3530 | 2060 | 1620 | 1340 | 862  | 380  | 274  | 224  | 183  | 141  | 111  | 91.8 | I/s |
| <b>1970 - 2021</b>                                      | 1680 | 1050 | 775  | 631  | 435  | 288  | 218  | 177  | 151  | 124  | 105  | 91   | I/s |
| <b>Tage</b>                                             | 182  | 205  | 228  | 251  | 274  | 292  | 310  | 329  | 347  | 356  | 362  | 365  |     |
| <b>2021</b>                                             | 75.7 | 65.2 | 54.8 | 48.4 | 44.2 | 38.0 | 34.4 | 31.3 | 27.6 | 25.9 | 23.4 | 21.8 | I/s |
| <b>1970 - 2021</b>                                      | 80   | 70   | 61   | 53   | 46   | 41   | 35   | 30   | 24   | 18   | 12   | 1    | I/s |

Reduzierte Messgenauigkeit beim Hochwasser vom 10. Juni 2008 wegen Welleneinfluss der Messbrücke.  
(Ergebnis der nachträglichen Untersuchung des Hochwassers durch das Ing. Büro Basler & Hofmann)  
Von Ende Juli bis Mitte August 2018 war eine Trockenphase, dadurch zeitweise kein Abfluss.

Darstellung nach LHG Standard