

## Abfluss

Töss - Beicher, Steg/Fischenthal

ZH 513

Koordinaten 2 714 210 / 1 242 375

Stations Höhe 760.0 m üM

Fläche 11.3 km<sup>2</sup>

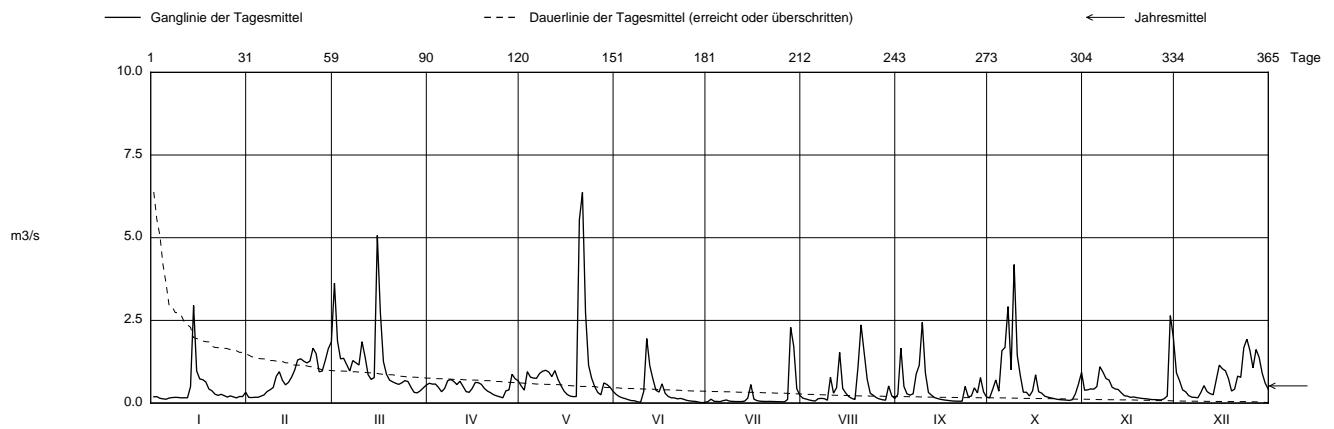
Mittlere Höhe - müM

### Vergletscherung - %

|                     | Jan   | Feb     | März    | April   | Mai     | Juni      | Juli    | Aug     | Sept    | Okt    | Nov     | Dez     |       |      |
|---------------------|-------|---------|---------|---------|---------|-----------|---------|---------|---------|--------|---------|---------|-------|------|
| <b>2019</b>         |       |         |         |         |         |           |         |         |         |        |         |         |       |      |
| 1                   | 0.190 | 0.173   | 3.62    | 0.599   | 0.518   | 0.263     | 0.046   | 0.148   | 0.262   | 0.164  | 0.390   | 0.913   | 1     |      |
| 2                   | 0.195 | 0.167   | -       | 1.88    | 0.574   | 0.391     | 0.198   | 0.117   | 0.123   | 1.66   | 0.420   | 0.400   | 0.679 |      |
| 3                   | 0.145 | 0.176   | 1.34    | 0.575   | 0.951   | 0.160     | 0.055   | 0.095   | 0.504   | 0.701  | 0.429   | 0.402   | 3     |      |
| 4                   | 0.128 | 0.175   | 1.35    | 0.471   | 0.786   | 0.134     | 0.049   | 0.075   | 0.279   | 0.360  | 0.421   | 0.341   | 4     |      |
| 5                   | 0.117 | -       | 0.210   | 1.16    | 0.343   | 0.755     | 0.102   | 0.045   | 0.062   | -      | 0.241   | 0.498   | 0.227 |      |
| <b>Tagesmittel</b>  |       |         |         |         |         |           |         |         |         |        |         |         |       |      |
| 6                   | 0.152 | 0.246   | 0.970   | 0.442   | 0.750   | 0.075     | 0.076   | 0.134   | 0.279   | 1.68   | 1.10    | 0.181   | 6     |      |
| 7                   | 0.166 | 0.349   | 1.29    | 0.678   | 0.895   | 0.070     | 0.094   | 0.142   | 0.879   | 2.92   | 0.937   | 0.172   | 7     |      |
| 8                   | 0.174 | 0.403   | 1.22    | 0.715   | 0.964   | 0.039     | 0.060   | 0.135   | 1.14    | 1.01   | 0.742   | 0.161   | -     |      |
| 9                   | 0.169 | 0.470   | 1.15    | 0.653   | 0.992   | 0.027     | 0.052   | 0.086   | 2.44    | + 4.19 | + 0.695 | 0.327   | 9     |      |
| 10                  | 0.157 | 0.810   | 1.86    | 0.559   | 0.939   | 0.350     | 0.047   | 0.784   | 0.917   | 1.45   | 0.479   | 0.528   | 10    |      |
| 11                  | 0.162 | 0.949   | 1.40    | 0.661   | 0.802   | 1.95      | + 0.045 | 0.300   | 0.320   | 0.835  | 0.429   | 0.348   | 11    |      |
| 12                  | 0.159 | 0.692   | 0.857   | 0.506   | 0.983   | 1.12      | 0.046   | 0.466   | 0.239   | 0.328  | 0.408   | 0.285   | 12    |      |
| 13                  | 0.498 | 0.551   | 0.716   | 0.347   | 0.720   | 0.735     | 0.061   | 1.53    | 0.166   | 0.328  | 0.310   | 0.252   | 13    |      |
| 14                  | 2.95  | + 0.627 | 0.770   | 0.325   | 0.530   | 0.387     | 0.150   | 0.443   | 0.137   | 0.215  | 0.223   | 0.700   | 14    |      |
| 15                  | 0.972 | 0.785   | 5.07    | + 0.444 | 0.362   | 0.334     | 0.560   | 0.302   | 0.113   | 0.366  | 0.209   | 1.15    | 15    |      |
| <b>m3/s</b>         |       |         |         |         |         |           |         |         |         |        |         |         |       |      |
| 16                  | 0.730 | 0.993   | 2.73    | 0.624   | 0.262   | 0.583     | 0.120   | 0.197   | 0.097   | 0.856  | 0.173   | 1.04    | 16    |      |
| 17                  | 0.708 | 1.31    | 1.26    | 0.617   | 0.211   | 0.298     | 0.075   | 0.141   | 0.084   | 0.342  | 0.185   | 0.977   | 17    |      |
| 18                  | 0.639 | 1.34    | 0.869   | 0.565   | 0.195   | -         | 0.203   | 0.057   | 0.107   | 0.073  | 0.300   | 0.167   | 0.737 |      |
| 19                  | 0.425 | 1.27    | 0.694   | 0.440   | 0.198   | 0.160     | 0.052   | 1.10    | 0.063   | 0.208  | 0.150   | 0.364   | 19    |      |
| 20                  | 0.371 | 1.21    | 0.643   | 0.362   | 5.54    | 0.157     | 0.048   | 2.37    | + 0.059 | 0.180  | 0.139   | 0.422   | 20    |      |
| 21                  | 0.269 | 1.27    | 0.598   | 0.313   | 6.37    | + 0.128   | 0.051   | 1.53    | 0.057   | 0.157  | 0.132   | 0.815   | 21    |      |
| 22                  | 0.233 | 1.66    | 0.566   | 0.252   | 2.74    | 0.142     | 0.048   | 0.717   | 0.056   | -      | 0.138   | 0.119   | 0.779 |      |
| 23                  | 0.265 | 1.50    | 0.612   | 0.217   | 1.15    | 0.118     | 0.045   | 0.297   | 0.503   | 0.115  | 0.106   | 1.68    | 23    |      |
| <b>+ Maximum</b>    |       |         |         |         |         |           |         |         |         |        |         |         |       |      |
| 24                  | 0.225 | 0.945   | 0.678   | 0.190   | 0.754   | 0.084     | 0.042   | 0.235   | 0.192   | 0.103  | 0.105   | 1.93    | + 24  |      |
| 25                  | 0.182 | 0.967   | 0.653   | 0.160   | -       | 0.498     | 0.067   | 0.040   | 0.162   | 0.211  | 0.097   | 0.099   | 1.59  |      |
| <b>- Minimum</b>    |       |         |         |         |         |           |         |         |         |        |         |         |       |      |
| 26                  | 0.217 | 1.29    | 0.479   | 0.371   | 0.322   | 0.056     | 0.038   | - 0.124 | 0.462   | 0.090  | 0.096   | - 1.07  | 26    |      |
| 27                  | 0.187 | 1.65    | 0.326   | 0.397   | 0.249   | 0.049     | 0.109   | 0.101   | 0.308   | 0.081  | -       | 0.132   | 27    |      |
| 28                  | 0.157 | 1.85    | + 0.308 | - 0.871 | + 0.610 | 0.028     | 2.29    | + 0.088 | 0.771   | 0.102  | 0.215   | 1.38    | 28    |      |
| 29                  | 0.199 |         | 0.369   | 0.737   | 0.562   | 0.014     | - 1.72  | 0.520   | 0.340   | 0.283  | 2.64    | + 0.907 | 29    |      |
| 30                  | 0.197 |         | 0.457   | 0.676   | 0.482   | 0.022     | 0.437   | 0.229   | 0.179   | 0.576  | 1.98    | 0.598   | 30    |      |
| 31                  | 0.327 |         | 0.545   |         | 0.354   |           | 0.234   | 0.136   |         | 0.927  |         | 0.416   | 31    |      |
| <b>Monatsmittel</b> |       | 0.376   | 0.858   | 1.18    | + 0.489 | 1.03      | 0.269   | 0.223   | - 0.416 | 0.435  | 0.681   | 0.470   | 0.742 | m3/s |
| Maximum (Spitze)    | 5.88  | 2.23    | 9.21    | 1.07    | - 27.   | 10.6      | + 21.   | 4.47    | 6.23    | 4.64   | 4.60    | 7.67    | 2.71  | m3/s |
| Datum               | 14.   |         | 28.     | 15.     |         | 27. / 28. |         | 11.     | 28.     | 13.    | 9.      | 29.     | 24.   |      |

Jahresmittel

0.596 m<sup>3</sup>/s



## Periode

1968 - 2019

(52 Jahre)

|                               |                      |               |                   |                 |               |               |                   |                        |                 |               |               |               |      |
|-------------------------------|----------------------|---------------|-------------------|-----------------|---------------|---------------|-------------------|------------------------|-----------------|---------------|---------------|---------------|------|
| Monatsmittel                  | 0.429                | 0.490         | 0.719             | 0.784 +         | 0.613         | 0.554         | 0.427             | 0.382                  | 0.394           | 0.339 -       | 0.406         | 0.486         | m³/s |
| Maximum (Spitze)<br>Jahr      | 13.0<br>1977         | 13.1<br>1980  | 11.0<br>-<br>1979 | 12.8<br>2008    | 13.9<br>1999  | 15.2<br>2013  | 18.7<br>+<br>1977 | 17.3<br>1978           | 13.3<br>2000    | 12.5<br>1990  | 12.8<br>1992  | 14.8<br>2018  | m³/s |
| Minimum (Tagesmittel)<br>Jahr | 0.018<br>2017        | 0.015<br>1993 | 0.007<br>1993     | 0.026 +<br>1993 | 0.019<br>2011 | 0.011<br>2017 | 0.014<br>1998     | 0.006 -<br>1991        | 0.006 -<br>1991 | 0.017<br>1992 | 0.020<br>1969 | 0.013<br>2016 | m³/s |
| Periode                       | Größtes Jahresmittel | 0.746 (1999)  |                   | Periodenmittel  | 0.502         |               |                   | Kleinstes Jahresmittel | 0.313 (1989)    |               |               |               | m³/s |

#### **Dauer der Abflüsse** (erreicht oder überschritten)

| Dauer der Ausfälle (entwickelt über Abschnitt) |       |       |       |       |       |       |       |       |       |       |       |       |      |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Tag  | 1     | 3     | 6     | 9     | 18    | 36    | 55    | 73    | 91    | 114   | 137   | 160   |      |
| 2019   | 6.37  | 5.07  | 2.95  | 2.73  | 1.86  | 1.34  | 1.04  | 0.907 | 0.754 | 0.653 | 0.528 | 0.429 | m3/s |
| 1968 - 2019                                    | 5.54  | 4.18  | 3.12  | 2.60  | 1.84  | 1.17  | 0.876 | 0.721 | 0.609 | 0.482 | 0.365 | 0.282 | m3/s |
| Tag  | 182   | 205   | 228   | 251   | 274   | 292   | 310   | 329   | 347   | 356   | 362   | 365   |      |
| 2019   | 0.354 | 0.300 | 0.227 | 0.187 | 0.160 | 0.135 | 0.106 | 0.075 | 0.051 | 0.045 | 0.028 | 0.014 | m3/s |
| 1968 - 2019                                    | 0.225 | 0.189 | 0.162 | 0.137 | 0.113 | 0.096 | 0.080 | 0.063 | 0.045 | 0.034 | 0.022 | 0.007 | m3/s |