

**Abfluss
Débit
Discharge**

Rotbach - Sempach

399/351/2

Koordinaten
Coordonnées
Coordinates 656 581 / 221 478

Stationshöhe
Altitude de la station
Altitude of the station 506.93 m ü.M.
m s.m.
m a.s.l.

Einzugsgebiet
Surface du bassin
Area of catchment 6.2 km²

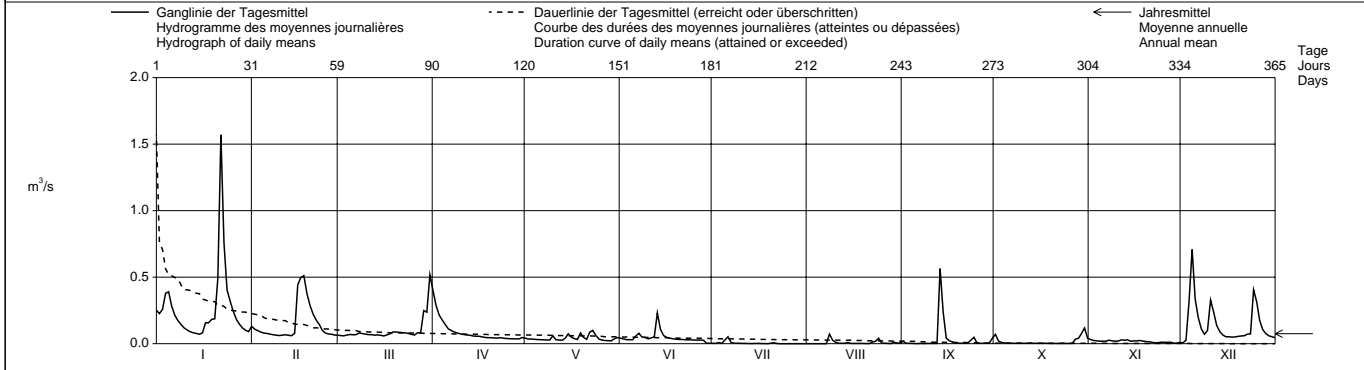
Mittlere Höhe
Altitude moyenne
Mean altitude m ü.M.
m s.m.
m a.s.l.

Vergletscherung
Extension glacier
Glacial area 0.0 %

| 2018 | | Jan./Janv. January | Feb./Févr. February | März/Mars March | April/Avril April | Mai/Mai May | Juni/Juin June | Juli/Juillet July | Aug./Août August | Sept./Sept. September | Okt./Oct. October | Nov./Nov. November | Dez./Déc. December | |
|--|----|-----------------------|------------------------|--------------------|----------------------|----------------|-------------------|----------------------|---------------------|--------------------------|----------------------|-----------------------|-----------------------|----|
| Tagesmittel | 1 | 0.252 | 0.130 | 0.064 | 0.400+ | 0.042 | 0.041 | 0.003 | 0.000 | 0.018 | 0.070 | 0.031+ | 0.007- | 1 |
| | 2 | 0.226 | 0.109 | 0.061 | 0.288 | 0.035 | 0.036 | 0.002 | 0.000 | 0.003 | 0.020 | 0.024 | 0.025 | 2 |
| | 3 | 0.258 | 0.098 | 0.059 | 0.216 | 0.035 | 0.030 | 0.009 | 0.000 | 0.003 | 0.009 | 0.021 | 0.316 | 3 |
| | 4 | 0.379 | 0.087 | 0.065 | 0.178 | 0.033 | 0.030 | 0.002 | 0.000 | 0.002 | 0.005 | 0.019 | 0.708+ | 4 |
| Moyenne journalière | 5 | 0.390 | 0.080 | 0.069 | 0.144 | 0.031 | 0.030 | 0.028 | 0.000 | 0.001- | 0.004 | 0.019 | 0.335 | 5 |
| | 6 | 0.281 | 0.077 | 0.067 | 0.111 | 0.030 | 0.058 | 0.052+ | 0.000 | 0.001- | 0.003 | 0.058 | 0.196 | 6 |
| | 7 | 0.214 | 0.072 | 0.068 | 0.098 | 0.029 | 0.078 | 0.009 | 0.000 | 0.002 | 0.003 | 0.026 | 0.111 | 7 |
| | 8 | 0.174 | 0.067 | 0.081 | 0.087 | 0.028 | 0.050 | 0.004 | 0.072+ | 0.001- | 0.003 | 0.021 | 0.071 | 8 |
| Daily mean value | 9 | 0.145 | 0.064 | 0.076 | 0.080 | 0.028 | 0.048 | 0.003 | 0.027 | 0.002 | 0.003 | 0.019 | 0.099 | 9 |
| | 10 | 0.119 | 0.061 | 0.072 | 0.073 | 0.029 | 0.036 | 0.003 | 0.011 | 0.002 | 0.003 | 0.020 | 0.328 | 10 |
| | 11 | 0.103 | 0.064 | 0.068 | 0.069 | 0.030 | 0.044 | 0.002 | 0.004 | 0.002 | 0.003 | 0.029 | 0.238 | 11 |
| | 12 | 0.090 | 0.067 | 0.068 | 0.065 | 0.027 | 0.050 | 0.002 | 0.003 | 0.002 | 0.003 | 0.026 | 0.137 | 12 |
| m ³ /s | 13 | 0.082 | 0.063 | 0.064 | 0.064 | 0.026 | 0.231+ | 0.001 | 0.003 | 0.564+ | 0.003 | 0.029 | 0.091 | 13 |
| | 14 | 0.077 | 0.060- | 0.066 | 0.058 | 0.040 | 0.110 | 0.001 | 0.009 | 0.238 | 0.003 | 0.018 | 0.065 | 14 |
| | 15 | 0.071- | 0.079 | 0.063 | 0.056 | 0.074 | 0.062 | 0.002 | 0.002 | 0.042 | 0.003 | 0.021 | 0.052 | 15 |
| | 16 | 0.081 | 0.442 | 0.058- | 0.066 | 0.049 | 0.048 | 0.002 | 0.002 | 0.022 | 0.003 | 0.021 | 0.052 | 16 |
| + Maximum | 17 | 0.157 | 0.497 | 0.066 | 0.051 | 0.038 | 0.042 | 0.001 | 0.002 | 0.013 | 0.003 | 0.024 | 0.049 | 17 |
| | 18 | 0.157 | 0.511+ | 0.074 | 0.047 | 0.032 | 0.037 | 0.001 | 0.002 | 0.006 | 0.003 | 0.019 | 0.051 | 18 |
| | 19 | 0.183 | 0.376 | 0.088 | 0.045 | 0.081 | 0.034 | 0.000 | 0.002 | 0.004 | 0.002- | 0.016 | 0.055 | 19 |
| | 20 | 0.187 | 0.287 | 0.088 | 0.045 | 0.047 | 0.032 | 0.004 | 0.001 | 0.003 | 0.002- | 0.015 | 0.058 | 20 |
| - Minimum | 21 | 0.491 | 0.222 | 0.085 | 0.043 | 0.033 | 0.032 | 0.007 | 0.001 | 0.004 | 0.002- | 0.010 | 0.060 | 21 |
| | 22 | 1.57+ | 0.178 | 0.083 | 0.042 | 0.086 | 0.030 | 0.001 | 0.012 | 0.004 | 0.002- | 0.006 | 0.072 | 22 |
| | 23 | 0.758 | 0.145 | 0.081 | 0.045 | 0.100+ | 0.029 | 0.000 | 0.018 | 0.026 | 0.002- | 0.008 | 0.074 | 23 |
| | 24 | 0.405 | 0.100 | 0.077 | 0.041 | 0.061 | 0.029 | 0.000 | 0.041 | 0.048 | 0.002- | 0.011 | 0.405 | 24 |
| Maximum (Spitze / Pointe / Peak) Datum / Date / Date | 25 | 0.320 | 0.080 | 0.070 | 0.039 | 0.035 | 0.027 | 0.000 | 0.004 | 0.006 | 0.002- | 0.010 | 0.316 | 25 |
| | 26 | 0.245 | 0.073 | 0.065 | 0.037 | 0.027 | 0.027 | 0.000 | 0.004 | 0.003 | 0.002- | 0.010 | 0.173 | 26 |
| | 27 | 0.185 | 0.071 | 0.082 | 0.037 | 0.024 | 0.027 | 0.000 | 0.002 | 0.003 | 0.034 | 0.011 | 0.105 | 27 |
| | 28 | 0.147 | 0.065 | 0.082 | 0.036- | 0.022- | 0.026 | 0.000 | 0.001 | 0.003 | 0.040 | 0.004- | 0.075 | 28 |
| Minimum | 29 | 0.119 | | 0.249 | 0.036- | 0.022- | 0.004 | 0.000 | 0.011 | 0.004 | 0.076 | 0.004- | 0.059 | 29 |
| | 30 | 0.101 | | 0.237 | 0.046 | 0.036 | 0.003- | 0.000 | 0.005 | 0.041 | 0.118+ | 0.009 | 0.052 | 30 |
| | 31 | 0.091 | | 0.517+ | | 0.046 | | 0.000 | 0.005 | | 0.041 | | 0.045 | 31 |
| | 31 | 0.091 | | 0.517+ | | 0.046 | | 0.000 | 0.005 | | 0.041 | | 0.045 | 31 |

| | | | | | | | | | | | | | |
|--|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|---------------|-------------|-------------------|
| Monatsmittel Moyenne mensuelle Monthly mean | 0.260+ | 0.151 | 0.097 | 0.088 | 0.041 | 0.045 | 0.004- | 0.008 | 0.036 | 0.015 | 0.017 | 0.145 | m ³ /s |
| Maximum (Spitze / Pointe / Peak) Datum / Date / Date | 3.19 22. | 0.733 17. | 0.668 31. | 0.495 01. | 0.625 23. | 0.674 06. | 0.343 05. | 0.869 08. | 4.92 + 13. | 0.500 29. | 0.056- 13. | 1.34 04. | m ³ /s |

Jahresmittel / Moyenne annuelle / Annual mean 0.075 m³/s



Periode / Période / Period 1995 - 2018 (24 Jahre / années / years)

| | | | | | | | | | | | | | | |
|--|---------------|----------------|----------------|-------------------|--|---------------|----------------|----------------|-------------------|--|---------------|---------------|----------------------------|-------------------|
| Monatsmittel Moyenne mensuelle Monthly mean | 0.125 | 0.107 | 0.117 | 0.108 | 0.115 | 0.121 | 0.110 | 0.097 | 0.085 | 0.083- | 0.104 | 0.128+ | m ³ /s | |
| Maximum (Spitze / Pointe / Peak) Jahr / Année / Year | 3.19 2018 | 1.70 - 1999 | 2.43 2006 | 2.61 2006 | 3.63 1999 | 4.77 1996 | 13.8 + 2014 | 12.0 2005 | 4.92 2018 | 2.34 2012 | 1.79 2012 | 4.06 1995 | m ³ /s Datum | |
| Minimum (Tagesmittel / Moyenne journ. / Daily mean) | 0.012 2017 | 0.020 2006 | 0.024+ 2016 | 0.014 2017 | 0.008 2008 | 0.003 2018 | 0.000- 2018 | 0.000- 2018 | 0.000- 1998 | 0.002 2018 | 0.004 2018 | 0.007 2018 | m ³ /s Date | |
| Größtes Jahresmittel Moyenne annuelle la plus grande Largest annual mean | 0.170 (1999) | | | m ³ /s | Mittelwert Valeur moyenne Mean value | 0.108 | | | m ³ /s | Kleinste Jahresmittel Moyenne annuelle la plus petite Smallest annual mean | 0.058 (2003) | | | m ³ /s |

Dauer der Tagesmittelwerte (erreicht oder überschritten) / Durée des moyennes journalières (atteintes ou dépassées) / Duration of daily mean values (attained or exceeded)

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Tage / Jours / Days | 1 | 3 | 6 | 9 | 18 | 36 | 55 | 73 | 91 | 114 | 137 | 160 | |
| 2018 | 1.57 | 0.708 | 0.511 | 0.442 | 0.320 | 0.196 | 0.111 | 0.087 | 0.077 | 0.067 | 0.059 | 0.047 | m ³ /s |
| 1995 - 2018 | 1.09 | 0.704 | 0.541 | 0.458 | 0.327 | 0.232 | 0.177 | 0.147 | 0.126 | 0.105 | 0.089 | 0.077 | m ³ /s |
| Tage / Jours / Days | 182 | 205 | 228 | 251 | 274 | 292 | 310 | 329 | 347 | 356 | 362 | 365 | |
| 2018 | 0.038 | 0.030 | 0.025 | 0.013 | 0.004 | 0.003 | 0.003 | 0.002 | 0.001 | 0.000 | 0.000 | 0.000 | m ³ /s |
| 1995 - 2018 | 0.068 | 0.061 | 0.053 | 0.047 | 0.040 | 0.036 | 0.030 | 0.024 | 0.018 | 0.012 | 0.003 | 0.000 | m ³ /s |