

A<sub>E0</sub> : 75.9 km<sup>2</sup>



Pegel : Rothenthal Nr. 568350

PNP : HN + 538.22 m

Gewässer : Natzschung

Lage: 5.1 km oberhalb der Mündung links

m<sup>3</sup>/s

Gebiet : Freiburger Mulde

|                 | Tag                    | 2010                   |                 | 2011       |            |               |               |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
|-----------------|------------------------|------------------------|-----------------|------------|------------|---------------|---------------|--------|------------|------------|--|-------|------------------|-------|-------|----------|----------|--|------|--|----------------|--|------------------|--|
|                 |                        | Nov                    | Dez             | Jan        | Feb        | Mrz           | Apr           | Mai    | Jun        | Jul        | Aug  | Sep   | Okt              | Nov   | Dez   |          |          |  |      |  |                |  |                  |  |
| Tageswerte      | 1.                     | 0.652                  | 1.24            | R0.807     | R1.30      | 0.856         | 1.69          | 0.618  | 1.49       | 0.442      | 1.46                                       | 0.430 | 0.310            | 0.356 | 0.252 |          |          |  |      |  |                |  |                  |  |
|                 | 2.                     | 0.652                  | 1.15            | R0.769     | V1.24      | 0.809         | 1.58          | 0.644  | 0.852      | 0.442      | 1.13                                       | 0.410 | 0.310            | 0.313 | 0.266 |          |          |  |      |  |                |  |                  |  |
|                 | 3.                     | 0.652                  | R1.14           | R0.744     | R1.18      | 0.743         | 1.44          | 0.857  | 0.626      | 0.775      | 0.963                                      | 0.393 | 0.310            | 0.373 | 0.306 |          |          |  |      |  |                |  |                  |  |
|                 | 4.                     | 0.618                  | R1.11           | 0.743      | R1.22      | 0.741         | 1.61          | 0.751  | 0.555      | 1.07       | 1.49                                       | 0.373 | 0.310            | 0.373 | 0.400 |          |          |  |      |  |                |  |                  |  |
|                 | 5.                     | 0.566                  | R1.08           | 0.737      | 2.19       | 0.722         | 1.52          | 0.652  | 0.601      | 1.21       | 1.45                                       | 0.472 | 0.310            | 0.373 | 1.16  |          |          |  |      |  |                |  |                  |  |
|                 | 6.                     | 0.643                  | R1.05           | 0.840      | 4.24       | 0.661         | 1.29          | 0.587  | 0.923      | 0.765      | 1.11                                       | 0.433 | 0.313            | 0.373 | 0.647 |          |          |  |      |  |                |  |                  |  |
|                 | 7.                     | 1.30                   | R1.04           | 2.29       | 2.93       | R0.609        | 1.20          | 0.554  | 1.84       | 0.575      | 1.04                                       | 0.414 | 0.358            | 0.334 | 0.481 |          |          |  |      |  |                |  |                  |  |
|                 | 8.                     | 1.66                   | 1.32            | 4.27       | 2.40       | R0.566        | 1.07          | 0.502  | 1.24       | 1.70       | 0.965                                      | 0.512 | 0.467            | 0.310 | 0.452 |          |          |  |      |  |                |  |                  |  |
|                 | 9.                     | 1.22                   | 1.75            | 3.89       | 2.16       | 0.649         | 1.00          | 0.483  | 0.828      | 0.843      | 0.885                                      | 0.471 | 0.413            | 0.310 | 1.17  |          |          |  |      |  |                |  |                  |  |
|                 | 10.                    | 1.10                   | 1.33            | 3.41       | 1.90       | 0.772         | 0.938         | 0.468  | 0.703      | 0.702      | 0.922                                      | 0.442 | 0.470            | 0.310 | 1.06  |          |          |  |      |  |                |  |                  |  |
|                 | 11.                    | 0.975                  | 1.34            | 2.74       | 3.72       | 0.810         | 0.895         | 0.448  | 0.654      | 1.34       | 0.806                                      | 0.394 | 0.561            | 0.310 | 0.619 |          |          |  |      |  |                |  |                  |  |
|                 | 12.                    | 1.02                   | 1.46            | 2.46       | 4.34       | 0.868         | 0.924         | 0.491  | 0.617      | 0.794      | 0.744                                      | 0.464 | 1.18             | 0.310 | 0.519 |          |          |  |      |  |                |  |                  |  |
|                 | 13.                    | 1.24                   | 1.33            | 4.89       | 2.89       | 0.995         | 1.10          | 0.629  | 0.605      | 0.640      | 0.743                                      | 0.442 | 0.890            | 0.310 | 0.483 |          |          |  |      |  |                |  |                  |  |
|                 | 14.                    | 0.984                  | 1.26            | 16.1       | 2.59       | 1.29          | 1.34          | 0.538  | 0.579      | 0.604      | 0.731                                      | 0.422 | 0.517            | 0.310 | 0.566 |          |          |  |      |  |                |  |                  |  |
|                 | 15.                    | 0.862                  | 1.21            | 14.0       | 2.32       | 1.69          | 1.73          | 0.953  | 0.566      | 0.541      | 0.824                                      | 0.373 | 0.445            | 0.302 | 0.752 |          |          |  |      |  |                |  |                  |  |
|                 | 16.                    | 2.33                   | 1.27            | 9.91       | 2.10       | 2.17          | 1.79          | 0.659  | 0.533      | 0.513      | 0.799                                      | 0.373 | 0.422            | 0.295 | 0.642 |          |          |  |      |  |                |  |                  |  |
|                 | 17.                    | 2.11                   | 1.28            | 7.53       | 1.95       | 5.65          | 1.58          | 0.573  | 0.555      | 0.496      | 0.725                                      | 0.378 | 0.375            | 0.305 | 0.878 |          |          |  |      |  |                |  |                  |  |
|                 | 18.                    | 1.72                   | 1.14            | 6.34       | 1.80       | 4.96          | 1.26          | 0.555  | 0.490      | 0.741      | 0.627                                      | 0.575 | 0.373            | 0.298 | 0.672 |          |          |  |      |  |                |  |                  |  |
|                 | 19.                    | 1.67                   | 1.27            | 5.55       | 1.65       | 3.17          | 1.01          | 0.564  | 0.483      | 0.535      | 0.649                                      | 0.748 | 0.373            | 0.310 | 0.553 |          |          |  |      |  |                |  |                  |  |
|                 | 20.                    | 1.46                   | 1.20            | 4.66       | 1.48       | 2.60          | 0.908         | 0.918  | 0.476      | 1.87       | 0.604                                      | 0.499 | 0.373            | 0.310 | 0.524 |          |          |  |      |  |                |  |                  |  |
|                 | 21.                    | 1.37                   | 1.04            | 4.02       | R1.23      | 2.29          | 0.838         | 1.27   | 0.551      | 4.25       | 0.566                                      | 0.445 | 0.336            | 0.295 | 0.562 |          |          |  |      |  |                |  |                  |  |
|                 | 22.                    | 2.20                   | 1.04            | 3.51       | R1.21      | 2.14          | 0.805         | 0.914  | 0.630      | 1.62       | 0.537                                      | 0.430 | 0.310            | 0.276 | 0.510 |          |          |  |      |  |                |  |                  |  |
|                 | 23.                    | 1.91                   | 1.04            | 3.11       | R1.16      | 2.08          | 0.743         | 0.712  | 0.630      | 1.22       | 0.491                                      | 0.373 | 0.310            | 0.257 | 0.965 |          |          |  |      |  |                |  |                  |  |
|                 | 24.                    | 1.61                   | 1.04            | 2.89       | V1.09      | 2.05          | 0.743         | 0.617  | 0.545      | 1.01       | 0.488                                      | 0.373 | 0.314            | 0.252 | 1.57  |          |          |  |      |  |                |  |                  |  |
|                 | 25.                    | 1.49                   | 0.943           | 2.66       | V1.04      | 2.04          | 0.743         | 0.566  | 0.526      | 0.933      | 0.463                                      | 0.373 | 0.310            | 0.261 | 1.16  |          |          |  |      |  |                |  |                  |  |
|                 | 26.                    | 1.49                   | 0.962           | 2.43       | V0.980     | 2.02          | 0.819         | 0.566  | 0.651      | 0.860      | 0.470                                      | 0.373 | 0.310            | 0.252 | 1.82  |          |          |  |      |  |                |  |                  |  |
|                 | 27.                    | 1.39                   | 1.10            | 2.14       | V0.921     | 1.79          | 0.776         | 0.571  | 0.564      | 0.792      | 0.487                                      | 0.373 | 0.317            | 0.252 | 2.61  |          |          |  |      |  |                |  |                  |  |
|                 | 28.                    | 1.31                   | R0.979          | 1.95       | R0.872     | 1.64          | 0.711         | 0.534  | 0.469      | 0.743      | 0.480                                      | 0.362 | 0.357            | 0.257 | 2.32  |          |          |  |      |  |                |  |                  |  |
|                 | 29.                    | 1.35                   | R0.911          | 1.77       |            | 1.52          | 0.652         | 0.488  | 0.421      | 0.713      | 0.447                                      | 0.330 | 0.310            | 0.252 | 1.82  |          |          |  |      |  |                |  |                  |  |
|                 | 30.                    | 1.27                   | R0.876          | R1.59      |            | 1.49          | 0.652         | 0.483  | 0.450      | 1.57       | 0.442                                      | 0.310 | 0.310            | 0.252 | 1.57  |          |          |  |      |  |                |  |                  |  |
|                 | 31.                    |                        | R0.838          | R1.36      |            | 1.49          |               | 0.481  |            | 2.51       | 0.442                                      | 0.310 | 0.327            |       | 1.39  |          |          |  |      |  |                |  |                  |  |
| Hauptwerte      | Tag                    | 5.                     | 31.             | 5.         | 28.        | 8.            | 29.+          | 11.    | 29.        | 1.+        | 30.+                                       | 30.   | 1.+              | 24.+  | 1.    |          |          |  |      |  |                |  |                  |  |
|                 | NQ                     | 0.566                  | 0.838           | 0.737      | 0.872      | 0.566         | 0.652         | 0.448  | 0.421      | 0.442      | 0.442                                      | 0.310 | 0.310            | 0.252 | 0.252 |          |          |  |      |  |                |  |                  |  |
|                 | MQ                     | 1.29                   | 1.15            | 3.87       | 1.93       | 1.67          | 1.11          | 0.634  | 0.688      | 1.06       | 0.774                                      | 0.425 | 0.406            | 0.303 | 0.926 |          |          |  |      |  |                |  |                  |  |
|                 | HQ                     | 3.47                   | 2.13            | 20.8       | 7.00       | 7.85          | 2.27          | 2.00   | 5.41       | 8.73       | 2.55                                       | 1.04  | 1.74             | 0.442 | 2.70  |          |          |  |      |  |                |  |                  |  |
|                 | Tag                    | 16.                    | 8.+             | 14.        | 11.        | 17.           | 15.           | 21.    | 7.         | 21.        | 4.   | 18.+  | 12.              | 22.   | 26.+  |          |          |  |      |  |                |  |                  |  |
|                 | h <sub>N</sub>         | mm                     |                 |            |            |               |               |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
|                 | h <sub>A</sub>         | mm                     | 44              | 41         | 136        | 61            | 59            | 38     | 22         | 23         | 37   | 27    | 15               | 14    | 10    | 33       |          |  |      |  |                |  |                  |  |
|                 |                        |                        | 1928/2010       |            | 1929/2011  |               |               |        |            |            |  |       |                  |       |       |          | 83 Jahre |  |      |  |                |  |                  |  |
|                 | Jahr                   | 2003                   | 1943            | 1963       | 1963       | 1963          | 2004          | 1943   | 1934       | 2003       | 1944                                       | 1944  | 1973             | 2003  | 1943  |          |          |  |      |  |                |  |                  |  |
|                 | NQ                     | 0.135                  | 0.060           | 0.060      | 0.070      | 0.100         | 0.404         | 0.260  | 0.160      | 0.135      | 0.120                                      | 0.080 | 0.150            | 0.135 | 0.060 |          |          |  |      |  |                |  |                  |  |
|                 | MNQ                    | 0.614                  | 0.624           | 0.630      | 0.698      | 0.902         | 1.36          | 0.818  | 0.592      | 0.503      | 0.471                                      | 0.435 | 0.480            | 0.612 | 0.620 |          |          |  |      |  |                |  |                  |  |
|                 | MQ                     | 1.12                   | 1.37            | 1.43       | 1.46       | 2.09          | 2.59          | 1.55   | 1.15       | 1.10       | 0.914                                      | 0.793 | 0.886            | 1.11  | 1.37  |          |          |  |      |  |                |  |                  |  |
|                 | MHQ                    | 3.68                   | 4.99            | 5.03       | 4.58       | 6.68          | 6.17          | 5.32   | 5.58       | 5.55       | 5.15                                       | 2.97  | 3.16             | 3.64  | 4.99  |          |          |  |      |  |                |  |                  |  |
|                 | HQ                     | 16.0                   | 28.4            | 28.8       | 13.3       | 29.4          | 37.8          | 24.0   | 44.0       | 28.5       | 88.0                                       | 14.2  | 14.4             | 16.0  | 28.4  |          |          |  |      |  |                |  |                  |  |
|                 | Jahr                   | 2004                   | 1974            | 1932       | 1948       | 2005          | 1987          | 1978 + | 1975       | 1992       | 2002                                       | 2007  | 1935             | 2004  | 1974  |          |          |  |      |  |                |  |                  |  |
|                 |                        | 1928/2010              |                 | 1929/2011  |            |               |               |        |            |            |  |       |                  |       |       | 83 Jahre |          |  |      |  |                |  |                  |  |
| Mh <sub>N</sub> | mm                     |                        |                 |            |            |               |               |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
| Mh <sub>A</sub> | mm                     | 38                     | 48              | 50         | 46         | 74            | 89            | 55     | 39         | 39         | 32   | 27    | 31               | 38    | 48    |          |          |  |      |  |                |  |                  |  |
| Extremwerte     |                        |                        | Abflussjahr (*) |            |            |               | Kalenderjahr  |        |            |            | Unterschrittene Abflüsse m <sup>3</sup> /s |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
|                 |                        |                        | 2011            |            |            |               | 2011          |        |            |            | Unter schreitungs dauer in Tagen           |       | 83 Kalenderjahre |       |       |          |          |  |      |  |                |  |                  |  |
|                 |                        |                        | Jahr            |            | Datum      |               | Winter        |        | Sommer     |            | Jahr                                       |       | Datum            |       | 2011  |          | 2011     |  | 2011 |  | Mittlere Werte |  | Untere Hüllwerte |  |
|                 | NQ                     | m <sup>3</sup> /s      | 0.310           | am         | 30.09.2011 | 0.566         | 0.310         | 0.252  | am         | 24.11.2011 | (365)                                      | 16.1  | 16.1             | 37.2  | 9.99  | 2.68     |          |  |      |  |                |  |                  |  |
|                 | MQ                     | m <sup>3</sup> /s      | 1.25            |            |            | 1.84          | 0.665         | 1.15   |            |            | 364  | 14.0  | 14.0             | 31.9  | 7.85  | 2.38     |          |  |      |  |                |  |                  |  |
|                 | HQ                     | m <sup>3</sup> /s      | 20.8            | am         | 14.01.2011 | 20.8          | 8.73          | 20.8   | am         | 14.01.2011 | 362  | 9.91  | 9.91             | 17.0  | 7.00  | 2.38     |          |  |      |  |                |  |                  |  |
|                 |                        |                        | bei W= 123 cm   |            |            |               | bei W= 123 cm |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
|                 | Nq                     | l/(s km <sup>2</sup> ) | 4.08            |            |            | 7.45          | 4.08          | 3.32   |            |            | 361  | 7.53  | 7.53             | 15.7  | 6.35  | 2.38     |          |  |      |  |                |  |                  |  |
|                 | Mq                     | l/(s km <sup>2</sup> ) | 16.5            |            |            | 24.3          | 8.76          | 15.1   |            |            | 360  | 6.34  | 6.34             | 15.6  | 5.91  | 2.32     |          |  |      |  |                |  |                  |  |
|                 | Hq                     | l/(s km <sup>2</sup> ) | 274             |            |            | 274           | 115           | 274    |            |            | 359  | 5.65  | 5.65             | 13.0  | 5.54  | 2.24     |          |  |      |  |                |  |                  |  |
|                 | h <sub>N</sub>         | mm                     |                 |            |            |               |               |        |            |            | 358  | 5.55  | 5.55             | 12.4  | 5.29  | 1.99     |          |  |      |  |                |  |                  |  |
|                 | h <sub>A</sub>         | mm                     | 520             |            |            | 380           | 139           | 478    |            |            | 357  | 4.96  | 4.96             | 12.0  | 5.10  | 1.99     |          |  |      |  |                |  |                  |  |
|                 |                        |                        | 1929/2011 (*)   |            |            |               | 1929/2011     |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
|                 | NQ                     | m <sup>3</sup> /s      | 0.060           | am         | 18.12.1943 | 0.060         | 0.080         | 0.060  | am         | 18.12.1943 | 340  | 2.74  | 2.74             | 5.87  | 3.44  | 1.56     |          |  |      |  |                |  |                  |  |
|                 | MNQ                    | m <sup>3</sup> /s      | 0.273           |            |            | 0.375         | 0.341         | 0.270  |            |            | 330  | 2.32  | 2.32             | 5.42  | 2.95  | 1.39     |          |  |      |  |                |  |                  |  |
| MQ              | m <sup>3</sup> /s      | 1.37                   |                 |            | 1.68       | 1.07          | 1.37          |        |            | 320        | 2.08                                       | 2.05  | 4.59             | 2.62  | 1.22  |          |          |  |      |  |                |  |                  |  |
| MHQ             | m <sup>3</sup> /s      | 15.1                   |                 |            | 11.0       | 11.7          | 15.2          |        |            | 300        | 1.67                                       | 1.62  | 3.52             | 2.13  | 1.02  |          |          |  |      |  |                |  |                  |  |
| HQ              | m <sup>3</sup> /s      | 88.0                   | am              | 12.08.2002 | 37.8       | 88.0          | 88.0          | am     | 12.08.2002 | 270        | 1.35                                       | 1.23  | 3.10             | 1.64  | 0.810 |          |          |  |      |  |                |  |                  |  |
|                 |                        | bei W= 243 cm          |                 |            |            | bei W= 243 cm |               |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
| HQ <sub>1</sub> | m <sup>3</sup> /s      |                        |                 |            |            |               |               |        |            | 240        | 1.20                                       | 0.933 | 2.62             | 1.33  | 0.610 |          |          |  |      |  |                |  |                  |  |
| HQ <sub>5</sub> | m <sup>3</sup> /s      |                        |                 |            |            |               |               |        |            | 210        | 0.980                                      | 0.794 | 2.27             | 1.10  | 0.490 |          |          |  |      |  |                |  |                  |  |
| MNq             | l/(s km <sup>2</sup> ) | 3.59                   |                 |            | 4.94       | 4.49          | 3.56          |        |            | 183        | 0.856                                      | 0.711 | 2.14             | 0.941 | 0.440 |          |          |  |      |  |                |  |                  |  |
| Mq              | l/(s km <sup>2</sup> ) | 18.0                   |                 |            | 22.1       | 14.1          | 18.0          |        |            | 150        | 0.743                                      | 0.579 | 1.72             | 0.783 | 0.340 |          |          |  |      |  |                |  |                  |  |
| MHq             | l/(s km <sup>2</sup> ) | 199                    |                 |            | 145        | 154           | 200           |        |            | 130        | 0.651                                      | 0.545 | 1.60             | 0.692 | 0.281 |          |          |  |      |  |                |  |                  |  |
|                 |                        | 1929/2011 (*)          |                 |            |            | 1929/2011     |               |        |            |            |  |       |                  |       |       |          |          |  |      |  |                |  |                  |  |
| Mh <sub>N</sub> | mm                     |                        |                 |            |            |               |               |        |            | 120        | 0.626                                      | 0.517 | 1.60             | 0.661 | 0.260 |          |          |  |      |  |                |  |                  |  |
| Mh <sub>A</sub> | mm                     | 569                    |                 |            | 346        | 224           | 569           |        |            | 110        | 0.587                                      | 0.490 | 1.60             | 0.611 | 0.260 |          |          |  |      |  |                |  |                  |  |

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.