

A<sub>E0</sub> : 1572 km<sup>2</sup>

PNP : HN + 251.91 m

Lage: 45.6 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Lichtenwalde 1

Nr. 567451

Gewässer : Zschopau

Gebiet : Freiburger Mulde

|                    | Tag           | 2015              |                        | 2016                |                     |                        |      |            |       |      |       |       |       |      |      |    |
|--------------------|---------------|-------------------|------------------------|---------------------|---------------------|------------------------|------|------------|-------|------|-------|-------|-------|------|------|----|
|                    |               | Nov               | Dez                    | Jan                 | Feb                 | Mrz                    | Apr  | Mai        | Jun   | Jul  | Aug   | Sep   | Okt   | Nov  | Dez  |    |
| <b>Tageswerte</b>  | 1.            | 6.65              | 66.2                   | 12.4                | 53.0                | 34.0                   | 27.2 | 9.84       | 12.5  | 7.18 | 11.4  | 2.75  | 5.81  | 13.2 | 14.3 |    |
|                    | 2.            | 6.57              | 55.9                   | 12.3                | 56.0                | 33.7                   | 26.6 | 9.42       | 17.8  | 7.33 | 7.12  | 2.69  | 5.64  | 13.9 | 27.5 |    |
|                    | 3.            | 6.71              | 48.5                   | 11.8                | 52.9                | 29.8                   | 22.6 | 9.23       | 16.5  | 8.67 | 5.52  | 2.70  | 6.33  | 16.4 | 24.2 |    |
|                    | 4.            | 6.18              | 44.7                   | 10.4                | 46.6                | 25.7                   | 21.5 | 9.25       | 14.2  | 9.07 | 5.45  | 4.04  | 8.63  | 14.4 | 18.0 |    |
|                    | 5.            | 5.88              | 39.1                   | 11.7                | 42.8                | 24.3                   | 20.7 | 9.42       | 11.8  | 7.08 | 11.2  | 9.79  | 8.09  | 14.3 | 16.1 |    |
|                    | 6.            | 7.27              | 35.5                   | 11.5                | 46.1                | 26.3                   | 20.5 | 8.76       | 13.2  | 6.40 | 10.3  | 5.93  | 23.3  | 14.2 | 15.5 |    |
|                    | 7.            | 6.37              | 32.2                   | 11.2                | 43.1                | 26.3                   | 19.1 | 8.10       | 9.74  | 5.80 | 6.89  | 3.92  | 23.6  | 13.7 | 15.6 |    |
|                    | 8.            | 6.91              | 29.6                   | 11.0                | 38.9                | 25.1                   | 18.1 | 7.71       | 8.28  | 5.29 | 5.31  | 3.23  | 16.4  | 13.7 | 15.1 |    |
|                    | 9.            | 5.74              | 28.3                   | 9.99                | 40.1                | 23.9                   | 17.5 | 7.49       | 7.72  | 5.59 | 4.92  | 3.01  | 21.2  | 13.3 | 15.0 |    |
|                    | 10.           | 6.20              | 27.9                   | 10.0                | 53.3                | 22.0                   | 16.9 | 7.24       | 7.27  | 4.74 | 5.70  | 2.93  | 18.6  | 13.1 | 15.9 |    |
|                    | 11.           | 5.57              | 25.3                   | 11.1                | 41.4                | 21.3                   | 16.5 | 6.90       | 6.92  | 4.58 | 6.02  | 2.87  | 16.2  | 12.8 | 16.7 |    |
|                    | 12.           | 5.91              | 26.7                   | 12.2                | 37.3                | 20.1                   | 16.3 | 6.70       | 7.37  | 4.48 | 4.97  | 2.80  | 15.8  | 12.1 | 31.6 |    |
|                    | 13.           | 5.67              | 25.6                   | 13.1                | 34.7                | 19.5                   | 16.1 | 7.49       | 8.93  | 5.58 | 5.28  | 2.75  | 14.5  | 11.3 | 36.5 |    |
|                    | 14.           | 6.00              | 23.5                   | 13.3                | 33.1                | 18.6                   | 17.5 | 8.14       | 8.25  | 8.91 | 4.78  | 2.80  | 13.7  | 11.0 | 27.3 |    |
|                    | 15.           | 16.0              | 21.9                   | 11.6                | 31.2                | 19.2                   | 16.0 | 6.88       | 7.41  | 9.05 | 4.23  | 2.59  | 12.9  | 11.1 | 27.7 |    |
|                    | 16.           | 32.6              | 20.0                   | 10.8                | 28.5                | 18.8                   | 15.5 | 7.87       | 7.31  | 6.45 | 3.91  | 2.65  | 12.3  | 17.9 | 25.6 |    |
|                    | 17.           | 20.3              | 20.4                   | 10.7                | 26.1                | 17.6                   | 20.1 | 6.88       | 20.7  | 5.86 | 3.82  | 20.2  | 11.5  | 22.2 | 23.3 |    |
|                    | 18.           | 16.1              | 20.8                   | 9.49                | 25.1                | 17.4                   | 18.0 | 6.37       | 18.1  | 7.03 | 3.39  | 57.5  | 11.2  | 19.2 | 23.1 |    |
|                    | 19.           | 15.8              | 22.8                   | 7.95                | 23.7                | 18.0                   | 15.6 | 5.84       | 12.1  | 5.12 | 3.28  | 33.0  | 12.6  | 16.9 | 23.8 |    |
|                    | 20.           | 40.9              | 20.4                   | R9.23               | 22.7                | 17.8                   | 13.8 | 5.76       | 10.4  | 4.42 | 3.34  | 19.3  | 13.1  | 17.1 | 21.8 |    |
|                    | 21.           | 35.5              | 20.0                   | R9.96               | 32.9                | 17.6                   | 13.0 | 5.19       | 8.69  | 4.65 | 4.80  | 14.5  | 15.5  | 16.1 | 20.5 |    |
|                    | 22.           | 28.3              | 19.7                   | R10.6               | 39.8                | 19.5                   | 12.5 | 5.22       | 8.30  | 6.13 | 4.19  | 12.3  | 14.1  | 15.6 | 19.1 |    |
|                    | 23.           | 25.4              | 18.6                   | R11.3               | 35.8                | 20.3                   | 12.3 | 5.64       | 7.61  | 6.77 | 3.36  | 11.1  | 13.2  | 15.4 | 18.8 |    |
|                    | 24.           | 23.2              | 17.5                   | R14.0               | 34.2                | 19.5                   | 13.1 | 14.5       | 6.90  | 8.23 | 3.43  | 9.58  | 12.9  | 14.5 | 18.6 |    |
|                    | 25.           | 21.5              | 17.1                   | R17.8               | 32.7                | 18.6                   | 12.5 | 8.35       | 13.6  | 6.12 | 2.99  | 8.87  | 16.0  | 14.2 | 19.5 |    |
|                    | 26.           | 21.0              | 16.8                   | R25.9               | 30.5                | 20.9                   | 13.0 | 7.02       | 15.8  | 4.82 | 2.98  | 8.37  | 17.2  | 13.7 | 21.5 |    |
|                    | 27.           | 20.0              | 16.1                   | R35.5               | 29.2                | 21.3                   | 12.2 | 7.13       | 10.4  | 7.40 | 2.89  | 7.62  | 14.6  | 13.8 | 21.2 |    |
|                    | 28.           | 18.9              | 15.7                   | 40.0                | 27.9                | 20.3                   | 11.4 | 15.7       | 9.27  | 9.29 | 2.82  | 7.33  | 13.5  | 13.3 | 45.8 |    |
|                    | 29.           | 19.1              | 15.2                   | 36.5                | 29.5                | 21.2                   | 10.7 | 9.22       | 9.16  | 6.30 | 2.86  | 6.55  | 14.2  | 12.3 | 59.7 |    |
|                    | 30.           | 37.2              | 14.6                   | 31.6                |                     | 20.8                   | 10.2 | 7.53       | 7.68  | 6.45 | 2.87  | 6.00  | 14.2  | 11.6 | 44.4 |    |
|                    | 31.           |                   | 13.8                   | 32.3                |                     | 21.2                   |      | 6.42       |       | 7.30 | 2.85  |       | 13.7  |      | 40.7 |    |
| <b>Hauptwerte</b>  | Tag           | 11.               | 31.                    | 19.                 | 20.                 | 18.                    | 30.  | 21.        | 24.   | 20.  | 28.   | 15.   | 2.    | 14.  | 1.   |    |
|                    | NQ            | 5.57              | 13.8                   | 7.95                | 22.7                | 17.4                   | 10.2 | 5.19       | 6.90  | 4.42 | 2.82  | 2.59  | 5.64  | 11.0 | 14.3 |    |
|                    | MQ            | 16.0              | 26.5                   | 15.7                | 36.9                | 22.0                   | 16.6 | 7.97       | 10.8  | 6.52 | 4.93  | 9.32  | 13.9  | 14.4 | 24.7 |    |
|                    | HQ            | 58.1              | 86.7                   | 42.5                | 83.7                | 38.3                   | 32.6 | 32.6       | 42.5  | 22.1 | 20.8  | 75.4  | 35.0  | 24.3 | 71.4 |    |
|                    | Tag           | 20.               | 1.                     | 28.                 | 1.                  | 1.                     | 1.   | 28.        | 25.   | 31.  | 1.    | 17.   | 6.    | 17.  | 29.  |    |
|                    | hN            | mm                |                        |                     |                     |                        |      |            |       |      |       |       |       |      |      |    |
|                    | hA            | mm                | 26                     | 45                  | 27                  | 59                     | 37   | 27         | 14    | 18   | 11    | 8     | 15    | 24   | 24   | 42 |
|                    |               |                   | 1909/2015              |                     | 1910/2016 107 Jahre |                        |      |            |       |      |       |       |       |      |      |    |
|                    | Jahr          | 1985              | 1911                   | 1933                | 1929                | 1963                   | 2014 | 1934       | 1934  | 1934 | 1947  | 1935  | 1921  | 1985 | 1911 |    |
|                    | NQ            | 1.36              | 1.80                   | 2.50                | 2.50                | 2.07                   | 6.43 | 3.70       | 0.900 | 1.00 | 0.590 | 0.500 | 0.600 | 1.36 | 1.80 |    |
|                    | MNQ           | 8.73              | 10.3                   | 12.2                | 13.6                | 16.7                   | 19.9 | 11.4       | 8.88  | 7.38 | 6.46  | 6.47  | 6.57  | 8.80 | 10.3 |    |
|                    | MQ            | 16.6              | 23.0                   | 27.2                | 25.9                | 34.7                   | 36.9 | 21.9       | 18.5  | 17.0 | 14.4  | 12.1  | 13.5  | 16.7 | 22.9 |    |
|                    | MHQ           | 42.6              | 72.5                   | 85.9                | 71.2                | 94.8                   | 80.2 | 61.3       | 63.0  | 68.4 | 62.1  | 37.8  | 40.2  | 42.5 | 72.4 |    |
| HQ                 | 190           | 623               | 687                    | 334                 | 414                 | 361                    | 388  | 774        | 532   | 1250 | 298   | 232   | 190   | 623  |      |    |
| Jahr               | 1998          | 1974              | 1932                   | 1946                | 1981                | 2006                   | 1965 | 2013       | 1958  | 2002 | 1995  | 1942  | 1998  | 1974 |      |    |
|                    |               | 1909/2015         |                        | 1910/2016 107 Jahre |                     |                        |      |            |       |      |       |       |       |      |      |    |
| MhN                | mm            |                   |                        |                     |                     |                        |      |            |       |      |       |       |       |      |      |    |
| MhA                | mm            | 27                | 39                     | 46                  | 41                  | 59                     | 61   | 37         | 31    | 29   | 24    | 20    | 23    | 27   | 39   |    |
| <b>Extremwerte</b> | Niedrigwasser |                   |                        |                     | Hochwasser          |                        |      |            |       |      |       |       |       |      |      |    |
|                    |               | m <sup>3</sup> /s | l/(s km <sup>2</sup> ) | Datum               | m <sup>3</sup> /s   | l/(s km <sup>2</sup> ) | cm   | Datum      |       |      |       |       |       |      |      |    |
|                    | 1             | 0.500             | 0.318                  | 22.09.1935          | 1250                | 795                    |      | 13.08.2002 |       |      |       |       |       |      |      |    |
|                    | 2             | 0.590             | 0.375                  | 10.08.1947          | 774                 | 492                    | 582  | 02.06.2013 |       |      |       |       |       |      |      |    |
|                    | 3             | 0.600             | 0.382                  | 16.10.1921          | 687                 | 437                    |      | 04.01.1932 |       |      |       |       |       |      |      |    |
|                    | 4             | 0.600             | 0.382                  | 20.08.1911          | 623                 | 396                    |      | 08.12.1974 |       |      |       |       |       |      |      |    |
|                    | 5             | 0.700             | 0.445                  | 16.09.1928          | 532                 | 338                    |      | 06.07.1958 |       |      |       |       |       |      |      |    |
|                    | 6             | 1.10              | 0.700                  | 11.07.1915          | 511                 | 325                    |      | 11.07.1954 |       |      |       |       |       |      |      |    |
|                    | 7             | 1.16              | 0.738                  | 14.10.1976          | 423                 | 269                    | 448  | 14.01.2011 |       |      |       |       |       |      |      |    |
|                    | 8             | 1.36              | 0.865                  | 19.11.1985          | 414                 | 263                    |      | 12.03.1981 |       |      |       |       |       |      |      |    |
|                    | 9             | 1.43              | 0.910                  | 27.09.1959          | 409                 | 260                    |      | 05.08.1983 |       |      |       |       |       |      |      |    |
|                    | 10            | 2.49              | 1.58                   | 13.08.2003          | 405                 | 258                    | 440  | 19.03.2005 |       |      |       |       |       |      |      |    |

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