$A_{Eo}$ : 245 km²
PNP : HN + 376.61 m
Lage: 89.5 km oberhalb der Mündung links

# Q
m³/s

Pegel : Berthelsdorf Nr. 566010
Gewässer : Freiberger Mulde
Gebiet : Freiberger Mulde

## Tageswerte

| Tag | 2012 Nov | 2012 Dez | 2013 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 1.22 | 1.49 | 10.2 | 9.12 | 2.97 | 2.77 | 3.62 | 24.9 | 6.63 | 1.47 | 0.866 | 0.804 | 1.18 | 2.14 |
| 2. | 1.32 | 1.40 | 9.22 | 9.46 | 2.80 | 2.64 | 3.36 | 89.3 | 5.34 | 1.34 | 0.847 | 0.807 | 1.19 | 2.06 |
| 3. | 1.17 | 1.43 | 8.49 | 8.78 | 2.80 | 2.57 | 3.30 | 118 | 4.96 | 1.24 | 1.00 | 0.766 | 1.22 | 1.99 |
| 4. | 1.38 | 1.35 | 11.4 | 8.65 | 2.69 | 2.48 | 3.15 | 73.9 | 4.63 | 1.38 | 1.04 | 0.779 | 1.20 | 1.99 |
| 5. | 1.49 | 1.36 | 27.9 | 9.08 | 2.64 | 2.48 | 3.14 | 48.0 | 4.36 | 1.60 | 0.911 | 0.786 | 1.19 | 2.02 |
| 6. | 1.28 | 1.36 | 28.9 | 8.53 | 2.68 | 2.36 | 2.90 | 34.8 | 4.06 | 1.43 | 0.819 | 0.748 | 1.42 | 2.17 |
| 7. | 1.29 | R 1.37 | 31.0 | 7.69 | 3.04 | 2.32 | 3.11 | 28.2 | 3.77 | 2.67 | 0.804 | 0.763 | 1.55 | 2.10 |
| 8. | 1.45 | R 1.36 | 27.9 | 7.16 | 4.32 | 2.32 | 5.77 | 25.4 | 3.26 | 1.52 | 0.775 | 0.784 | 1.35 | 2.16 |
| 9. | 1.29 | R 1.35 | 25.5 | 6.79 | 5.16 | 2.47 | 4.76 | 25.6 | 2.98 | 1.52 | 1.27 | 0.751 | 1.29 | 4.85 |
| 10. | 1.23 | R 1.34 | 23.1 | 6.42 | 7.62 | 3.61 | 5.52 | 21.5 | 2.77 | 1.73 | 1.14 | 0.987 | 1.27 | 7.56 |
| 11. | 1.30 | D 1.34 | 19.7 | 5.97 | 9.50 | 5.20 | 5.49 | 15.5 | 2.61 | 1.42 | 0.992 | 3.55 | 1.49 | 7.06 |
| 12. | 1.76 | D 1.36 | 16.2 | 5.54 | 9.57 | 7.97 | 5.20 | 12.1 | 2.44 | 1.31 | 0.936 | 3.19 | 1.31 | 6.38 |
| 13. | 1.45 | D 1.39 | 14.0 | 5.21 | 9.29 | 9.38 | 5.02 | 9.98 | 2.31 | 1.25 | 0.993 | 2.41 | 1.32 | 5.73 |
| 14. | 1.36 | D 1.50 | 12.1 | 4.73 | 8.61 | 9.50 | 4.65 | 8.94 | 2.19 | 1.19 | 0.905 | 2.05 | 1.30 | 5.13 |
| 15. | 1.33 | R 1.87 | 10.6 | 4.40 | 7.80 | 9.50 | 4.33 | 8.12 | 2.07 | 1.16 | 0.851 | 1.91 | 1.27 | 4.66 |
| 16. | 1.24 | 2.92 | 9.60 | 4.26 | 6.90 | 9.59 | 3.97 | 7.42 | 1.94 | 1.08 | 0.894 | 1.93 | 1.27 | 4.26 |
| 17. | 1.24 | 3.23 | 8.39 | 4.09 | 6.60 | 10.3 | 3.55 | 6.78 | 1.84 | 1.02 | 0.981 | 1.88 | 1.27 | 3.93 |
| 18. | 1.24 | 3.32 | 7.50 | 3.82 | 5.99 | 9.90 | 4.01 | 5.74 | 1.74 | 1.01 | 0.874 | 1.83 | 1.26 | 3.61 |
| 19. | 1.21 | 3.79 | 6.95 | 3.63 | 5.50 | 7.80 | 3.77 | 4.95 | 1.69 | 1.02 | 0.950 | 1.71 | 1.20 | 3.28 |
| 20. | 1.13 | 3.91 | 6.46 | 3.53 | 5.17 | 7.26 | 4.51 | 5.20 | 1.65 | 1.07 | 1.19 | 1.59 | 1.36 | 3.22 |
| 21. | 1.13 | 3.86 | 5.89 | 3.51 | 5.08 | 6.74 | 3.69 | 8.18 | 1.57 | 1.02 | 1.41 | 1.61 | 1.33 | 3.09 |
| 22. | 1.13 | 3.80 | 5.15 | 3.39 | 4.74 | 6.12 | 3.58 | 5.57 | 1.51 | 0.975 | 1.42 | 1.54 | 1.33 | 2.87 |
| 23. | 1.13 | 8.29 | 4.74 | 3.33 | 4.43 | 5.45 | 3.72 | 4.95 | 1.43 | 0.875 | 1.27 | 1.46 | 1.32 | 2.80 |
| 24. | 1.08 | 20.2 | 4.49 | 3.19 | R 4.02 | 4.91 | 3.44 | 4.78 | 1.34 | 0.856 | 1.10 | 1.45 | 1.36 | 2.71 |
| 25. | 1.02 | 19.7 | 4.16 | 3.15 | R 3.72 | 4.63 | 3.76 | 11.9 | 1.46 | 0.814 | 1.00 | 1.37 | 1.35 | 2.54 |
| 26. | 1.02 | 20.2 | R 3.71 | 3.15 | 3.57 | 4.41 | 4.37 | 14.9 | 1.42 | 0.871 | 0.969 | 1.34 | 1.27 | 2.47 |
| 27. | 1.01 | 18.0 | 3.75 | 3.15 | 3.42 | 4.29 | 6.64 | 11.4 | 1.33 | 0.826 | 0.963 | 1.31 | 1.21 | 2.32 |
| 28. | 1.01 | 16.7 | 3.69 | 2.98 | 3.33 | 4.29 | 5.92 | 10.7 | 1.25 | 0.832 | 0.859 | 1.28 | 1.27 | 2.23 |
| 29. | 1.65 | 13.9 | 4.21 | | 3.26 | 4.07 | 6.03 | 10.4 | 2.17 | 0.853 | 0.814 | 1.22 | 1.47 | 2.11 |
| 30. | 1.63 | 13.2 | 10.5 | | 3.06 | 3.73 | 7.61 | 10.2 | 2.62 | 0.804 | 0.805 | 1.19 | 1.98 | 1.99 |
| 31. | | 11.9 | 9.88 | | 2.88 | | 20.3 | | 1.66 | 0.801 | | 1.17 | | 1.90 |

## Hauptwerte

| | 2012 Nov | 2012 Dez | 2013 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 27.+ | 10.+ | 28. | 28. | 5. | 7.+ | 6. | 24. | 28. | 31. | 8. | 6. | 1. | 31. |
| NQ | 1.01 | 1.34 | 3.69 | 2.98 | 2.64 | 2.32 | 2.90 | 4.78 | 1.25 | 0.801 | 0.775 | 0.748 | 1.18 | 1.90 |
| MQ | 1.27 | 6.07 | 12.1 | 5.45 | 4.94 | 5.37 | 4.91 | 22.2 | 2.61 | 1.19 | 0.988 | 1.45 | 1.33 | 3.33 |
| HQ | 2.17 | 21.3 | 31.6 | 9.79 | 10.7 | 12.9 | 21.3 | 140 | 7.98 | 5.59 | 2.62 | 6.48 | 2.36 | 8.79 |
| Tag | 5.+ | 25.+ | 7. | 2. | 12. | 18. | 31. | 3. | 1. | 7. | 10. | 11. | 30. | 9. |
| $h_N$ mm / $h_A$ mm | 13 | 66 | 133 | 54 | 54 | 57 | 54 | 235 | 29 | 13 | 10 | 16 | 14 | 36 |

| | 1935/2012 | | 1936/2013 (78 Jahre) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1947 | 1969 | 1963 | 1963 | 1963 | 1948 | 1946 | 1948 | 1947 | 1947 | 1947 | 1947 | 1947 | 1969 |
| NQ | 0.180 | 0.370 | 0.210 | 0.240 | 0.300 | 0.950 | 0.730 | 0.340 | 0.210 | 0.120 | 0.110 | 0.160 | 0.180 | 0.370 |
| MNQ | 1.58 | 1.80 | 1.98 | 2.25 | 2.77 | 2.98 | 1.77 | 1.43 | 1.14 | 1.14 | 1.17 | 1.11 | 1.58 | 1.81 |
| MQ | 2.90 | 3.90 | 4.39 | 4.48 | 6.17 | 5.83 | 3.28 | 2.75 | 2.77 | 2.45 | 2.03 | 2.15 | 2.90 | 3.93 |
| MHQ | 6.72 | 10.7 | 12.0 | 11.1 | 16.3 | 12.0 | 8.89 | 8.44 | 11.8 | 11.6 | 5.59 | 5.57 | 6.70 | 10.8 |
| HQ | 31.4 | 54.7 | 60.2 | 42.5 | 63.9 | 63.0 | 61.0 | 140 | 122 | 360 | 34.9 | 28.2 | 31.4 | 54.7 |
| Jahr | 1998 | 1974 | 2011 | 1946 | 2006 | 2006 | 1965 | 2013 | 1992 | 2002 | 2010 | 1960 | 1998 | 1974 |

| | 1935/2012 | | 1936/2013 (78 Jahre) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $Mh_N$ mm / $Mh_A$ mm | 31 | 43 | 48 | 44 | 68 | 62 | 36 | 29 | 30 | 27 | 21 | 24 | 31 | 43 |

| | Abflussjahr (*) 2013 Jahr | Datum | Winter | Sommer | Kalenderjahr 2013 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 0.748 | am 06.10.2013 | 1.01 | 0.748 | 0.748 | am 06.10.2013 |
| MQ m³/s | 5.70 | | 5.90 | 5.50 | 5.47 | |
| HQ m³/s | 140 | am 03.06.2013 bei W= 257 cm | 31.6 | 140 | 140 | am 03.06.2013 bei W= 257 cm |
| Nq l/(s km²) | 3.06 | | 4.13 | 3.06 | 3.06 | |
| Mq l/(s km²) | 23.3 | | 24.1 | 22.5 | 22.4 | |
| Hq l/(s km²) | 573 | | 129 | 573 | 573 | |
| $h_N$ mm / $h_A$ mm | 737 | | 378 | 358 | 706 | |

| | 1936/2013 (*) 78 Jahre | | | | 1936/2013 | |
|---|---|---|---|---|---|---|
| NQ m³/s | 0.110 | am 20.09.1947 | 0.180 | 0.110 | 0.110 | am 20.09.1947 |
| MNQ m³/s | 0.669 | | 1.06 | 0.757 | 0.688 | |
| MQ m³/s | 3.59 | | 4.62 | 2.57 | 3.59 | |
| MHQ m³/s | 36.9 | | 24.8 | 25.1 | 36.4 | |
| HQ m³/s | 360 | am 13.08.2002 bei W= 385 cm | 63.9 | 360 | 360 | am 13.08.2002 bei W= 385 cm |
| $HQ_1$ m³/s | | | | | | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 2.74 | | 4.33 | 3.10 | 2.81 | |
| Mq l/(s km²) | 14.7 | | 18.9 | 10.5 | 14.7 | |
| MHq l/(s km²) | 151 | | 101 | 103 | 149 | |

| | 1936/2013 (*) 78 Jahre | | | 1936/2013 |
|---|---|---|---|---|
| $Mh_N$ mm / $Mh_A$ mm | 464 | 295 | 167 | 463 |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.110 | 0.450 | 20.09.1947 | 360 | 1470 | 385 | 13.08.2002 |
| 2 | 0.170 | 0.695 | 07.10.1964 | 140 | 573 | 257 | 03.06.2013 |
| 3 | 0.207 | 0.847 | 23.09.2003 | 122 | 499 | 267 | 06.07.1992 |
| 4 | 0.240 | 0.981 | 07.10.1959 | 120 | 491 | | 05.07.1958 |
| 5 | 0.240 | 0.981 | 07.08.1943 | 68.2 | 279 | | 09.07.1954 |
| 6 | 0.260 | 1.06 | 15.10.1969 | 63.9 | 261 | 185 | 31.03.2006 |
| 7 | 0.308 | 1.26 | 15.09.1999 | 61.0 | 249 | | 11.05.1965 |
| 8 | 0.380 | 1.55 | 12.10.1976 | 60.2 | 246 | 182 | 14.01.2011 |
| 9 | 0.426 | 1.74 | 30.09.2000 | 58.0 | 237 | 178 | 19.03.2005 |
| 10 | 0.470 | 1.92 | 04.08.1990 | 54.7 | 224 | 191 | 08.12.1974 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2013 | Kalenderjahr 2013 | 1936/2013 78 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 118 | 118 | 243 | 27.9 | 4.65 |
| 363 | 89.3 | 89.3 | 101 | 23.1 | 4.65 |
| 362 | 73.9 | 73.9 | 73.9 | 20.4 | 4.65 |
| 361 | 48.0 | 48.0 | 48.0 | 19.0 | 4.65 |
| 360 | 34.8 | 34.8 | 43.5 | 17.6 | 4.45 |
| 359 | 31.0 | 31.0 | 42.2 | 16.4 | 4.45 |
| 358 | 28.9 | 28.9 | 39.4 | 15.6 | 4.45 |
| 357 | 28.2 | 28.2 | 33.6 | 14.9 | 4.45 |
| 356 | 28.2 | 28.2 | 28.2 | 14.2 | 4.45 |
| 350 | 23.1 | 23.1 | 23.1 | 11.7 | 4.05 |
| 340 | 15.5 | 11.9 | 15.9 | 9.16 | 3.68 |
| 330 | 11.4 | 9.98 | 13.8 | 7.74 | 3.21 |
| 320 | 9.88 | 9.38 | 12.8 | 6.88 | 2.89 |
| 300 | 8.29 | 7.56 | 10.9 | 5.47 | 2.44 |
| 270 | 5.74 | 5.49 | 9.41 | 4.13 | 1.85 |
| 240 | 4.49 | 4.41 | 8.21 | 3.33 | 1.52 |
| 210 | 3.72 | 3.63 | 7.50 | 2.74 | 1.12 |
| 183 | 3.19 | 3.14 | 6.80 | 2.31 | 0.782 |
| 150 | 2.31 | 2.36 | 6.14 | 1.91 | 0.615 |
| 130 | 1.63 | 1.94 | 5.26 | 1.68 | 0.565 |
| 120 | 1.50 | 1.69 | 5.04 | 1.56 | 0.518 |
| 110 | 1.43 | 1.52 | 4.67 | 1.53 | 0.480 |
| 100 | 1.37 | 1.43 | 4.60 | 1.42 | 0.390 |
| 90 | 1.35 | 1.35 | 4.30 | 1.31 | 0.300 |
| 80 | 1.29 | 1.32 | 4.12 | 1.21 | 0.270 |
| 70 | 1.24 | 1.28 | 3.84 | 1.13 | 0.270 |
| 60 | 1.16 | 1.21 | 3.47 | 1.04 | 0.240 |
| 50 | 1.04 | 1.14 | 3.29 | 0.953 | 0.240 |
| 40 | 1.00 | 1.00 | 3.11 | 0.849 | 0.240 |
| 30 | 0.911 | 0.911 | 2.75 | 0.762 | 0.210 |
| 25 | 0.871 | 0.871 | 2.75 | 0.703 | 0.210 |
| 20 | 0.851 | 0.851 | 2.64 | 0.643 | 0.180 |
| 15 | 0.819 | 0.819 | 2.64 | 0.573 | 0.180 |
| 10 | 0.805 | 0.805 | 2.53 | 0.518 | 0.140 |
| 9 | 0.804 | 0.804 | 2.42 | 0.480 | 0.140 |
| 8 | 0.801 | 0.801 | 2.42 | 0.474 | 0.140 |
| 7 | 0.786 | 0.786 | 2.42 | 0.432 | 0.140 |
| 6 | 0.784 | 0.784 | 2.42 | 0.426 | 0.140 |
| 5 | 0.779 | 0.779 | 2.31 | 0.393 | 0.140 |
| 4 | 0.775 | 0.775 | 2.31 | 0.360 | 0.140 |
| 3 | 0.766 | 0.766 | 2.20 | 0.330 | 0.140 |
| 2 | 0.763 | 0.763 | 2.11 | 0.290 | 0.120 |
| 1 | 0.751 | 0.751 | 2.02 | 0.230 | 0.120 |
| 0 | 0.748 | 0.748 | 1.93 | 0.110 | 0.110 |

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