$A_{Eo}$ : 775 km²
PNP : NN + 129.51 m
Lage: 300.6 km oberhalb der Mündung rechts

Q
m³/s

Pegel : Lieske  Nr. 582060
Gewässer : Spree
Gebiet : Spree

## Tageswerte

| Tag | 2002 Nov | 2002 Dez | 2003 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.59 | 12.4 | 8.08 | 7.64 | 3.04 | 3.04 | 2.09 | 1.65 | 3.52 | 2.92 | 2.00 | 1.34 | 1.49 | 1.74 |
| 2. | 3.16 | 9.29 | 14.6 | 7.05 | 3.78 | 3.16 | 2.09 | 1.65 | 5.83 | 2.92 | 1.82 | 1.65 | 1.49 | 1.42 |
| 3. | 3.52 | 7.94 | 49.6 | 7.57 | 4.92 | 3.16 | 2.09 | 1.65 | 4.62 | 2.70 | 1.82 | 1.65 | 1.57 | 1.34 |
| 4. | 4.62 | 7.35 | 58.7 | 7.57 | 4.47 | 3.04 | 2.00 | 1.49 | 4.47 | 2.70 | 1.82 | 1.57 | 1.57 | 1.34 |
| 5. | 5.56 | 6.90 | 28.7 | 7.27 | 4.92 | 3.16 | 2.00 | 1.34 | 4.47 | 2.59 | 1.82 | 1.65 | 1.82 | 1.27 |
| 6. | 3.78 | 6.52 | 20.0 | 6.75 | 5.23 | 3.04 | 1.91 | 1.65 | 4.47 | 2.59 | 1.82 | 1.57 | 1.74 | 1.34 |
| 7. | 3.28 | 6.14 | 15.2 | 6.06 | 4.77 | 3.04 | 1.91 | 1.57 | 4.47 | 2.49 | 1.82 | 1.49 | 1.74 | 1.42 |
| 8. | 3.04 | 5.75 | 12.7 | 4.62 | 4.77 | 2.92 | 1.91 | 1.57 | 4.47 | 2.38 | 1.82 | 1.82 | 1.82 | 1.42 |
| 9. | 4.19 | 4.77 | 11.4 | 4.33 | 5.67 | 2.92 | 2.38 | 1.57 | 4.47 | 2.38 | 1.82 | 2.09 | 1.42 | 1.49 |
| 10. | 6.52 | 4.33 | 11.3 | 3.92 | 8.08 | 3.04 | 2.28 | 1.65 | 4.62 | 2.38 | 2.09 | 2.00 | 1.42 | 1.42 |
| 11. | 5.39 | 4.92 | 11.3 | 3.28 | 7.12 | 3.04 | 2.00 | 1.42 | 4.47 | 2.28 | 3.40 | 1.91 | 1.34 | 1.34 |
| 12. | 6.06 | 4.62 | 10.8 | 3.04 | 8.59 | 2.92 | 2.00 | 1.42 | 4.33 | 2.09 | 2.59 | 1.91 | 1.42 | 1.27 |
| 13. | 6.29 | 4.05 | 10.7 | 2.81 | 14.4 | 2.81 | 2.09 | 1.82 | 4.33 | 2.00 | 2.59 | 1.65 | 1.65 | 1.34 |
| 14. | 6.06 | 3.92 | 17.4 | 2.92 | 10.0 | 2.49 | 2.00 | 1.74 | 4.19 | 2.00 | 2.59 | 1.42 | 1.57 | 2.19 |
| 15. | 6.14 | 3.92 | 34.1 | 2.92 | 8.45 | 2.28 | 1.82 | 1.57 | 4.19 | 2.09 | 2.59 | 1.65 | 1.57 | 3.28 |
| 16. | 6.67 | 4.05 | 17.2 | 3.04 | 7.86 | 2.19 | 1.91 | 1.49 | 4.05 | 2.00 | 2.38 | 1.82 | 1.49 | 1.91 |
| 17. | 6.21 | 4.19 | 12.0 | 2.92 | 7.64 | 2.19 | 1.82 | 1.74 | 3.65 | 2.09 | 2.49 | 1.74 | 1.42 | 1.57 |
| 18. | 6.82 | 4.19 | 10.7 | 3.04 | 7.64 | 2.28 | 1.74 | 3.28 | 4.47 | 2.09 | 2.38 | 1.74 | 1.42 | 1.20 |
| 19. | 8.52 | 4.05 | 9.78 | 3.04 | 7.50 | 3.04 | 2.09 | 3.28 | 3.92 | 2.19 | 2.28 | 1.49 | 1.74 | 1.20 |
| 20. | 16.9 | 3.92 | 8.08 | 2.81 | 6.60 | 2.59 | 2.09 | 3.04 | 3.40 | 2.28 | 2.28 | 1.57 | 1.57 | 1.34 |
| 21. | 11.7 | 4.05 | 6.29 | 3.04 | 4.92 | 2.38 | 1.91 | 2.92 | 3.40 | 2.28 | 2.28 | 1.91 | 1.42 | 1.34 |
| 22. | 8.30 | 4.19 | 5.67 | 2.92 | 4.47 | 2.28 | 1.82 | 2.81 | 3.40 | 2.28 | 2.19 | 2.09 | 1.65 | 1.34 |
| 23. | 8.52 | 4.19 | 5.23 | 2.92 | 4.33 | 2.19 | 1.82 | 2.92 | 4.92 | 2.28 | 2.09 | 1.91 | 1.49 | 1.42 |
| 24. | 10.5 | 3.52 | 6.60 | 2.81 | 4.19 | 2.09 | 1.74 | 2.92 | 3.92 | 2.19 | 2.09 | 1.74 | 1.27 | 1.27 |
| 25. | 8.01 | 3.52 | 7.20 | 2.70 | 3.92 | 2.19 | 1.74 | 3.04 | 3.65 | 2.09 | 1.91 | 1.65 | 1.27 | 1.20 |
| 26. | 7.20 | 3.40 | 6.14 | 2.81 | 3.92 | 2.19 | 2.19 | 2.92 | 3.52 | 2.00 | 1.91 | 1.49 | 1.27 | 1.20 |
| 27. | 6.75 | 3.52 | 6.21 | 2.92 | 3.78 | 2.28 | 2.28 | 2.92 | 3.40 | 2.09 | 1.57 | 1.57 | 1.27 | 1.34 |
| 28. | 6.52 | 3.65 | 14.3 | 2.92 | 3.92 | 2.28 | 1.91 | 3.04 | 4.19 | 2.09 | 1.49 | 1.65 | 1.34 | 1.27 |
| 29. | 6.29 | 3.65 | 13.2 | | 3.78 | 2.28 | 1.91 | 3.04 | 4.62 | 2.09 | 1.42 | 1.57 | 1.42 | 1.20 |
| 30. | 7.79 | 8.82 | 10.0 | | 3.52 | 2.19 | 1.65 | 3.16 | 3.92 | 2.09 | 1.34 | 1.49 | 2.09 | 1.20 |
| 31. | | 10.0 | 8.52 | | 3.40 | | 1.65 | | 3.40 | 2.09 | | 1.57 | | 1.20 |

## Hauptwerte

| | 2002 Nov | 2002 Dez | 2003 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 1. | 26. | 23. | 25. | 1. | 24. | 30.+ | 5. | 20.+ | 13.+ | 30. | 1. | 24.+ | 18.+ |
| NQ | 2.59 | 3.40 | 5.23 | 2.70 | 3.04 | 2.09 | 1.65 | 1.34 | 3.40 | 2.00 | 1.34 | 1.34 | 1.27 | 1.20 |
| MQ | 6.56 | 5.35 | 14.9 | 4.13 | 5.79 | 2.62 | 1.96 | 2.21 | 4.15 | 2.28 | 2.08 | 1.69 | 1.53 | 1.45 |
| HQ | 19.8 | 20.9 | 67.5 | 7.94 | 15.8 | 3.40 | 3.78 | 3.78 | 6.60 | 2.92 | 3.40 | 2.28 | 2.81 | 6.29 |
| Tag | 20. | 30. | 4. | 1. | 13. | 1. | 26. | 19. | 23. | 1.+ | 11. | 9. | 13. | 15. |
| $h_N$ mm | | | | | | | | | | | | | | |
| $h_A$ mm | 22 | 18 | 51 | 13 | 20 | 9 | 7 | 7 | 14 | 8 | 7 | 6 | 5 | 5 |

| | 1926/2002 | | 1927/2003 61 Jahre | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1931 | 1934 | 1934 | 1929 | 1934 | 1934 | 1932 | 1930 + | 1930 | 1930 | 1930 | 1929 | 1931 | 1934 |
| NQ | 0.650 | 0.660 | 0.640 | 0.540 | 0.560 | 0.590 | 0.520 | 0.070 | 0.010 | 0.050 | 0.050 | 0.400 | 0.650 | 0.660 |
| MNQ | 2.38 | 2.65 | 2.97 | 3.36 | 3.24 | 3.38 | 2.09 | 1.68 | 1.59 | 1.75 | 1.84 | 2.10 | 2.35 | 2.59 |
| MQ | 3.86 | 5.25 | 6.09 | 5.98 | 6.94 | 5.81 | 4.12 | 3.36 | 3.83 | 3.19 | 3.09 | 3.45 | 3.79 | 5.09 |
| MHQ | 9.71 | 15.1 | 20.2 | 16.6 | 20.0 | 14.8 | 13.8 | 13.0 | 14.3 | 10.6 | 8.80 | 9.86 | 9.37 | 14.7 |
| HQ | 46.9 | 79.3 | 82.0 | 53.5 | 73.3 | 63.3 | 67.2 | 80.8 | 133 | 59.0 | 93.6 | 94.6 | 46.9 | 79.3 |
| Jahr | 1930 | 1974 | 1968 | 1961 | 1956 | 1980 | 1965 | 1995 | 1981 | 1938 | 1967 | 1930 | 1930 | 1974 |
| $Mh_N$ mm | | | | | | | | | | | | | | |
| $Mh_A$ mm | 13 | 18 | 21 | 19 | 24 | 19 | 14 | 11 | 13 | 11 | 10 | 12 | 13 | 18 |

| | Abflussjahr (*) 2003 Jahr | Datum | Winter | Sommer | Kalenderjahr 2003 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.34 | am 05.06.2003 | 2.09 | 1.34 | 1.20 | am 18.12.2003 |
| MQ m³/s | 4.49 | | 6.62 | 2.40 | 3.75 | |
| HQ m³/s | 67.5 | am 04.01.2003 bei W= 462 cm | 67.5 | 6.60 | 67.5 | am 04.01.2003 bei W= 462 cm |
| Nq l/(s km²) | 1.73 | | 2.70 | 1.73 | 1.55 | |
| Mq l/(s km²) | 5.80 | | 8.54 | 3.10 | 4.83 | |
| Hq l/(s km²) | 87.1 | | 87.1 | 8.52 | 87.1 | |
| $h_N$ mm | | | | | | |
| $h_A$ mm | 183 | | 134 | 49 | 152 | |
| | 1927/2003 (*) 62 Jahre | | | | 1927/2003 | |
| NQ m³/s | 0.010 | am 09.07.1930 | 0.540 | 0.010 | 0.010 | am 09.07.1930 |
| MNQ m³/s | 1.16 | | 1.92 | 1.17 | 1.14 | |
| MQ m³/s | 4.59 | | 5.70 | 3.51 | 4.56 | |
| MHQ m³/s | 45.9 | | 35.7 | 31.6 | 45.0 | |
| HQ m³/s | 133 | am 21.07.1981 bei W= 620 cm | 82.0 | 133 | 133 | am 21.07.1981 bei W= 620 cm |
| $HQ_L$ m³/s | | | | | | |
| $HQ_S$ m³/s | | | | | | |
| MNq l/(s km²) | 1.50 | | 2.48 | 1.51 | 1.47 | |
| Mq l/(s km²) | 5.92 | | 7.35 | 4.53 | 5.88 | |
| MHq l/(s km²) | 59.2 | | 46.1 | 40.8 | 58.1 | |
| | 1927/2003 (*) 62 Jahre | | | | 1927/2003 | |
| $Mh_N$ mm | | | | | | |
| $Mh_A$ mm | 187 | | 115 | 72 | 186 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.010 | 0.013 | 09.07.1930 | 133 | 172 | 620 | 21.07.1981 |
| 2 | 0.070 | 0.090 | 25.06.1931 | 94.6 | 122 | | 28.10.1930 |
| 3 | 0.100 | 0.129 | 17.07.1938 | 93.6 | 121 | | 13.09.1967 |
| 4 | 0.230 | 0.297 | 30.07.1990 | 82.6 | 107 | | 06.07.1958 |
| 5 | 0.460 | 0.594 | 20.07.1964 | 82.0 | 106 | | 16.01.1968 |
| 6 | 0.700 | 0.903 | 09.08.1960 | 80.8 | 104 | 499 | 14.06.1995 |
| 7 | 0.775 | 1.00 | 28.06.2001 | 79.3 | 102 | 516 | 09.12.1974 |
| 8 | 0.820 | 1.06 | 06.08.1973 | 78.2 | 101 | | 12.01.1927 |
| 9 | 1.20 | 1.55 | 18.12.2003 | 73.3 | 94.6 | | 03.03.1956 |
| 10 | | | | 72.0 | 92.9 | | 15.03.1940 |

## Dauertabelle

Unterschrittene Abflüsse m³/s

| Unterschreitungsdauer in Tagen | Abflussjahr (*) 2003 | Kalenderjahr 2003 | 1927/2003 61 Kalenderjahre Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 58.7 | 58.7 | 119 | 40.3 | 4.47 |
| 363 | 49.6 | 49.6 | 101 | 32.6 | 4.19 |
| 362 | 34.1 | 34.1 | 88.2 | 28.3 | 4.05 |
| 361 | 28.7 | 28.7 | 82.4 | 25.9 | 3.84 |
| 360 | 20.0 | 20.0 | 74.3 | 23.7 | 3.71 |
| 359 | 17.4 | 17.4 | 73.6 | 22.2 | 3.65 |
| 358 | 17.2 | 17.2 | 73.6 | 20.4 | 3.64 |
| 357 | 16.9 | 15.2 | 64.9 | 19.4 | 3.57 |
| 356 | 15.2 | 14.6 | 56.5 | 18.4 | 3.53 |
| 350 | 12.4 | 11.4 | 38.1 | 14.6 | 3.25 |
| 340 | 10.5 | 8.52 | 27.1 | 11.4 | 2.43 |
| 330 | 8.45 | 7.57 | 19.5 | 9.36 | 2.19 |
| 320 | 7.79 | 6.21 | 17.0 | 8.09 | 2.07 |
| 300 | 6.52 | 4.62 | 14.9 | 6.52 | 1.70 |
| 270 | 4.77 | 3.65 | 12.6 | 4.97 | 1.43 |
| 240 | 4.19 | 3.16 | 10.7 | 4.02 | 1.38 |
| 210 | 3.52 | 2.70 | 9.47 | 3.41 | 1.24 |
| 183 | 3.16 | 2.38 | 8.88 | 3.00 | 1.10 |
| 150 | 2.70 | 2.19 | 8.14 | 2.50 | 1.01 |
| 130 | 2.38 | 2.00 | 7.65 | 2.26 | 0.920 |
| 120 | 2.38 | 2.00 | 7.43 | 2.12 | 0.920 |
| 110 | 2.28 | 1.91 | 7.22 | 2.01 | 0.850 |
| 100 | 2.19 | 1.82 | 6.81 | 1.92 | 0.760 |
| 90 | 2.19 | 1.74 | 5.84 | 1.81 | 0.680 |
| 80 | 2.09 | 1.74 | 4.95 | 1.72 | 0.540 |
| 70 | 2.00 | 1.65 | 4.70 | 1.63 | 0.400 |
| 60 | 1.91 | 1.65 | 4.29 | 1.51 | 0.340 |
| 50 | 1.91 | 1.57 | 3.75 | 1.43 | 0.340 |
| 40 | 1.82 | 1.49 | 3.40 | 1.32 | 0.280 |
| 30 | 1.74 | 1.49 | 3.19 | 1.22 | 0.230 |
| 25 | 1.65 | 1.42 | 3.10 | 1.15 | 0.140 |
| 20 | 1.65 | 1.42 | 3.03 | 1.07 | 0.140 |
| 15 | 1.65 | 1.34 | 2.97 | 0.960 | 0.100 |
| 10 | 1.57 | 1.34 | 2.84 | 0.800 | 0.100 |
| 9 | 1.57 | 1.34 | 2.78 | 0.770 | 0.100 |
| 8 | 1.57 | 1.34 | 2.78 | 0.710 | 0.070 |
| 7 | 1.49 | 1.27 | 2.72 | 0.700 | 0.070 |
| 6 | 1.49 | 1.27 | 2.66 | 0.660 | 0.070 |
| 5 | 1.49 | 1.27 | 2.61 | 0.620 | 0.070 |
| 4 | 1.49 | 1.27 | 2.55 | 0.590 | 0.070 |
| 3 | 1.42 | 1.27 | 2.49 | 0.520 | 0.070 |
| 2 | 1.42 | 1.27 | 2.43 | 0.440 | 0.070 |
| 1 | 1.42 | 1.27 | 2.37 | 0.240 | 0.050 |
| 0 | 1.34 | 1.20 | 2.32 | 0.010 | 0.010 |

(*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  Ausfalljahre: KJ 1940-1955; AJ 1941-1955