$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 2005 Nov | 2005 Dez | 2006 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.03 | 1.94 | 2.83 | 1.97 | 2.76 | 10.3 | 4.24 | 5.11 | 3.09 | 3.15 | 2.96 | 2.36 | 2.21 | 2.36 |
| 2. | 1.89 | 1.88 | 2.81 | 2.00 | 2.67 | 9.09 | 4.12 | 5.15 | 2.96 | 2.84 | 2.76 | 2.36 | 2.17 | 2.37 |
| 3. | 2.03 | 1.91 | 2.60 | 1.96 | 2.71 | 8.33 | 4.01 | 4.89 | 2.88 | 2.82 | 2.72 | 2.68 | 2.31 | 2.36 |
| 4. | 2.09 | 2.18 | 2.55 | 2.01 | 2.68 | 7.38 | 3.88 | 4.64 | 2.83 | 3.02 | 2.68 | 2.84 | 2.32 | 2.42 |
| 5. | 2.04 | 2.34 | 2.55 | 1.90 | 2.64 | 6.85 | 3.78 | 4.41 | 2.70 | 3.02 | 2.69 | 2.73 | 2.47 | 2.75 |
| 6. | 2.09 | 2.52 | 2.48 | 2.04 | 2.60 | 6.29 | 3.68 | 4.21 | 2.69 | 3.35 | 2.62 | 2.50 | 2.71 | 2.76 |
| 7. | 2.13 | 2.50 | 2.50 | 2.05 | 2.59 | 5.89 | 3.56 | 3.98 | 3.96 | 3.20 | 2.55 | 2.42 | 2.55 | 2.62 |
| 8. | 1.93 | 2.57 | 2.45 | 2.36 | 2.44 | 5.64 | 3.53 | 3.77 | 3.54 | 2.89 | 2.50 | 2.51 | 2.33 | 2.52 |
| 9. | 1.91 | 2.61 | 2.37 | 2.25 | 8.17 | 5.37 | 3.46 | 3.70 | 2.98 | 2.75 | 2.50 | 2.49 | 2.37 | 2.67 |
| 10. | 1.98 | 2.54 | 2.32 | 2.18 | 17.4 | 5.56 | 3.50 | 3.57 | 2.83 | 2.67 | 2.46 | 2.49 | 2.30 | 2.97 |
| 11. | 1.94 | 2.47 | 2.32 | 2.04 | 13.8 | 6.60 | 3.50 | 3.44 | 2.79 | 2.83 | 2.52 | 2.44 | 2.37 | 2.91 |
| 12. | 1.92 | 2.41 | 2.19 | 2.03 | 9.92 | 5.95 | 3.38 | 3.33 | 2.75 | 3.13 | 2.42 | 2.44 | 2.39 | 2.96 |
| 13. | 1.94 | 2.39 | 2.28 | 2.04 | 6.67 | 5.60 | 3.35 | 3.28 | 2.92 | 2.89 | 2.48 | 2.39 | 2.58 | 3.05 |
| 14. | 1.88 | 2.36 | 2.17 | 1.92 | 5.83 | 5.50 | 3.38 | 3.24 | 3.31 | 2.85 | 2.38 | 2.36 | 2.81 | 2.95 |
| 15. | 1.93 | 2.36 | 2.20 | 2.12 | 5.29 | 5.47 | 3.53 | 3.10 | 2.96 | 2.78 | 2.44 | 2.44 | 2.75 | 2.91 |
| 16. | 1.97 | 2.80 | 2.15 | 3.74 | 4.98 | 5.31 | 3.30 | 3.09 | 2.71 | 2.76 | 2.48 | 2.46 | 2.61 | 2.87 |
| 17. | 2.00 | 3.94 | 2.13 | 5.08 | 4.52 | 5.28 | 3.85 | 3.09 | 2.56 | 2.82 | 2.45 | 2.45 | 2.58 | 2.85 |
| 18. | 2.14 | 3.85 | 2.32 | 5.64 | 4.39 | 5.23 | 3.89 | 2.99 | 2.52 | 2.68 | 2.44 | 2.33 | 2.55 | 2.79 |
| 19. | 2.09 | 3.32 | 2.42 | 5.26 | 4.27 | 4.88 | 3.74 | 2.94 | 2.56 | 2.68 | 3.01 | 2.49 | 2.48 | 2.76 |
| 20. | 2.02 | 3.09 | 2.30 | 4.85 | 4.34 | 4.61 | 3.59 | 3.12 | 2.49 | 2.85 | 2.82 | 2.34 | 2.50 | 2.65 |
| 21. | 2.12 | 2.92 | 2.38 | 4.65 | 4.43 | 4.49 | 3.44 | 3.01 | 2.48 | 2.87 | 2.66 | 2.53 | 2.53 | 2.64 |
| 22. | 2.07 | 2.83 | 2.59 | 4.31 | 4.98 | 4.30 | 3.40 | 2.99 | 2.48 | 3.15 | 2.47 | 2.36 | 2.62 | 2.55 |
| 23. | 2.02 | 2.75 | 2.30 | 3.86 | 5.38 | 4.25 | 3.32 | 2.88 | 2.58 | 2.81 | 2.46 | 2.22 | 2.61 | 2.54 |
| 24. | 1.98 | 2.73 | 2.23 | 3.43 | 5.31 | 4.16 | 3.26 | 2.83 | 2.58 | 2.81 | 2.53 | 2.14 | 2.50 | 2.54 |
| 25. | 1.99 | 2.81 | 2.14 | 3.18 | 5.96 | 3.94 | 3.14 | 2.84 | 2.55 | 2.69 | 2.43 | 2.26 | 2.50 | 2.50 |
| 26. | 1.94 | 2.88 | 2.17 | 3.12 | 10.2 | 4.46 | 3.48 | 2.81 | 2.38 | 2.85 | 2.48 | 2.12 | 2.45 | 2.48 |
| 27. | 1.92 | 3.00 | 2.07 | 2.90 | 16.0 | 4.73 | 4.25 | 2.92 | 2.51 | 2.96 | 2.43 | 2.12 | 2.44 | 2.37 |
| 28. | 1.99 | 2.97 | 2.07 | 2.78 | 17.0 | 4.88 | 4.64 | 3.52 | 2.60 | 3.05 | 2.43 | 2.16 | 2.43 | 2.46 |
| 29. | 1.91 | 2.88 | 2.08 | | 15.2 | 4.62 | 5.43 | 4.17 | 2.89 | 3.24 | 2.38 | 2.24 | 2.41 | 2.48 |
| 30. | 1.96 | 2.75 | 1.95 | | 13.0 | 4.39 | 5.18 | 3.66 | 2.72 | 3.52 | 2.44 | 2.12 | 2.41 | 2.42 |
| 31. | | 2.64 | 2.05 | | 11.6 | | 4.89 | | 2.82 | 3.03 | | 2.20 | | 2.46 |
| Tag | 14. | 2. | 30. | 5. | 8. | 25. | 25. | 26. | 26. | 10. | 14.+ | 26. | 2. | 3. |
| NQ | 1.88 | 1.88 | 1.95 | 1.90 | 2.44 | 3.94 | 3.14 | 2.81 | 2.38 | 2.67 | 2.38 | 2.12 | 2.17 | 2.36 |
| MQ | 1.99 | 2.68 | 2.32 | 2.99 | 7.08 | 5.64 | 3.80 | 3.56 | 2.79 | 2.93 | 2.55 | 2.39 | 2.47 | 2.64 |
| HQ | 3.00 | 4.44 | 3.32 | 6.14 | 20.8 | 11.0 | 5.69 | 5.34 | 5.69 | 4.33 | 3.90 | 3.91 | 3.29 | 3.60 |
| Tag | 4. | 17. | 24. | 18. | 10. | 1. | 29. | 1. | 7. | 6. | 11. | 3. | 1. | 6. |
| $h_N$ mm / $h_A$ mm | 12 | 17 | 15 | 17 | 45 | 34 | 24 | 22 | 18 | 18 | 16 | 15 | 15 | 17 |

## Hauptwerte

| | 1954/2005 | | 1955/2006 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.23 | 2.32 | 2.59 | 2.80 | 2.96 | 3.03 | 2.60 | 2.28 | 2.10 | 2.04 | 1.97 | 1.96 | 2.23 | 2.32 |
| MQ | 2.77 | 3.34 | 3.66 | 4.01 | 4.29 | 3.65 | 3.09 | 2.77 | 2.53 | 2.37 | 2.28 | 2.47 | 2.77 | 3.33 |
| MHQ | 4.73 | 7.03 | 7.59 | 8.58 | 9.08 | 5.48 | 5.01 | 4.96 | 4.44 | 4.44 | 4.04 | 4.81 | 4.71 | 6.94 |
| HQ | 13.6 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.6 | 23.6 |
| Jahr | 2002 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 2002 | 1993 |
| | 1954/2005 | | 1955/2006 | | | | | | | | | | | |
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 23 | 27 | 22 | 20 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 2006 Jahr | Datum | Winter | Sommer | Kalenderjahr 2006 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.88 | am 14.11.2005 | 1.88 | 2.12 | 1.90 | am 05.02.2006 |
| MQ m³/s | 3.40 | | 3.80 | 3.00 | 3.43 | |
| HQ m³/s | 20.8 | am 10.03.2006 bei W= 224 cm | 20.8 | 5.69 | 20.8 | am 10.03.2006 bei W= 224 cm |
| Nq l/(s km²) | 4.43 | | 4.43 | 5.00 | 4.48 | |
| Mq l/(s km²) | 8.02 | | 8.96 | 7.08 | 8.10 | |
| Hq l/(s km²) | 49.1 | | 49.1 | 13.4 | 49.1 | |
| $h_N$ mm / $h_A$ mm | 253 | | 142 | 111 | 253 | |
| | 1955/2006 (*) 52 Jahre | | | | 1955/2006 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.70 | | 2.01 | 1.80 | 1.74 | |
| MQ m³/s | 3.10 | | 3.62 | 2.59 | 3.10 | |
| MHQ m³/s | 14.8 | | 14.3 | 7.06 | 14.6 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.6 | | 10.0 | 6.12 | 10.6 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 4.01 | | 4.75 | 4.25 | 4.11 | |
| Mq l/(s km²) | 7.31 | | 8.54 | 6.10 | 7.31 | |
| MHq l/(s km²) | 34.9 | | 33.7 | 16.7 | 34.4 | |
| | 1955/2006 (*) 52 Jahre | | | | 1955/2006 | |
| $Mh_N$ mm / $Mh_A$ mm | 230 | | 136 | 95 | 230 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 24.1 | 56.8 | | 13.02.2005 |
| 5 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 6 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 7 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 8 | | | | 21.7 | 51.1 | | 21.03.2002 |
| 9 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 10 | | | | 20.8 | 49.1 | | 10.03.2006 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2006 | Kalenderjahr 2006 | 1955/2006 52 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 17.4 | 17.4 | 29.0 | 12.0 | 3.60 |
| 363 | 17.0 | 17.0 | 20.4 | 10.2 | 3.53 |
| 362 | 16.0 | 16.0 | 17.0 | 9.22 | 3.35 |
| 361 | 15.2 | 15.2 | 16.1 | 8.56 | 3.30 |
| 360 | 13.8 | 13.8 | 15.3 | 8.11 | 3.18 |
| 359 | 13.0 | 13.0 | 14.2 | 7.60 | 3.18 |
| 358 | 11.6 | 11.6 | 13.2 | 7.32 | 3.18 |
| 357 | 10.3 | 10.3 | 11.7 | 7.08 | 3.14 |
| 356 | 10.2 | 10.2 | 11.6 | 6.87 | 3.13 |
| 350 | 6.85 | 6.85 | 9.89 | 5.99 | 3.01 |
| 340 | 5.60 | 5.60 | 8.34 | 5.28 | 2.78 |
| 330 | 5.28 | 5.28 | 7.20 | 4.77 | 2.57 |
| 320 | 4.89 | 4.89 | 6.68 | 4.44 | 2.46 |
| 300 | 4.27 | 4.27 | 6.00 | 3.94 | 2.32 |
| 270 | 3.53 | 3.52 | 5.50 | 3.47 | 2.13 |
| 240 | 3.12 | 3.09 | 4.78 | 3.14 | 1.86 |
| 210 | 2.88 | 2.88 | 4.27 | 2.90 | 1.79 |
| 183 | 2.79 | 2.78 | 4.07 | 2.73 | 1.55 |
| 150 | 2.60 | 2.62 | 3.88 | 2.52 | 1.43 |
| 130 | 2.52 | 2.55 | 3.56 | 2.41 | 1.25 |
| 120 | 2.48 | 2.52 | 3.51 | 2.36 | 1.25 |
| 110 | 2.46 | 2.49 | 3.39 | 2.31 | 1.25 |
| 100 | 2.44 | 2.48 | 3.33 | 2.27 | 1.19 |
| 90 | 2.38 | 2.45 | 3.25 | 2.21 | 1.19 |
| 80 | 2.36 | 2.44 | 3.15 | 2.16 | 1.19 |
| 70 | 2.28 | 2.42 | 3.05 | 2.11 | 1.19 |
| 60 | 2.18 | 2.37 | 2.98 | 2.06 | 1.19 |
| 50 | 2.13 | 2.36 | 2.93 | 1.99 | 1.19 |
| 40 | 2.08 | 2.30 | 2.88 | 1.92 | 1.09 |
| 30 | 2.03 | 2.20 | 2.82 | 1.83 | 1.09 |
| 25 | 2.00 | 2.17 | 2.80 | 1.77 | 1.09 |
| 20 | 1.97 | 2.13 | 2.76 | 1.70 | 1.09 |
| 15 | 1.94 | 2.08 | 2.75 | 1.63 | 1.09 |
| 10 | 1.93 | 2.05 | 2.72 | 1.50 | 1.09 |
| 9 | 1.92 | 2.05 | 2.72 | 1.49 | 1.04 |
| 8 | 1.92 | 2.04 | 2.70 | 1.44 | 1.04 |
| 7 | 1.92 | 2.03 | 2.70 | 1.41 | 0.990 |
| 6 | 1.91 | 2.01 | 2.69 | 1.38 | 0.990 |
| 5 | 1.91 | 2.00 | 2.69 | 1.33 | 0.990 |
| 4 | 1.91 | 1.97 | 2.68 | 1.27 | 0.990 |
| 3 | 1.90 | 1.96 | 2.68 | 1.20 | 0.923 |
| 2 | 1.89 | 1.95 | 2.63 | 1.16 | 0.914 |
| 1 | 1.89 | 1.92 | 2.63 | 1.06 | 0.900 |
| 0 | 1.88 | 1.90 | 2.62 | 0.700 | 0.700 |

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

Bayer. Landesamt für Umwelt

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 2004 Nov | 2004 Dez | 2005 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.02 | 2.87 | 3.07 | 3.37 | 3.59 | 4.79 | 3.97 | 2.69 | 2.54 | 2.22 | 2.58 | 2.16 | 2.03 | 1.94 |
| 2. | 2.04 | 2.67 | 3.56 | 3.26 | 3.30 | 4.55 | 3.74 | 2.72 | 2.55 | 2.48 | 2.67 | 2.67 | 1.89 | 1.88 |
| 3. | 2.00 | 2.67 | 4.51 | 3.36 | 3.40 | 4.37 | 3.69 | 2.71 | 2.44 | 4.88 | 2.56 | 2.92 | 2.03 | 1.91 |
| 4. | 1.95 | 2.60 | 4.25 | 3.30 | 3.32 | 4.19 | 3.84 | 2.64 | 2.32 | 4.66 | 2.41 | 2.45 | 2.09 | 2.18 |
| 5. | 2.13 | 2.55 | 3.92 | 3.09 | 3.22 | 4.08 | 3.84 | 2.67 | 3.05 | 3.87 | 2.48 | 2.35 | 2.04 | 2.34 |
| 6. | 1.95 | 2.37 | 3.95 | 2.97 | 3.14 | 3.92 | 3.63 | 2.62 | 2.78 | 3.05 | 2.30 | 2.11 | 2.09 | 2.52 |
| 7. | 2.14 | 2.38 | 4.13 | 2.89 | 3.12 | 3.91 | 3.72 | 2.72 | 2.52 | 2.78 | 2.31 | 2.09 | 2.13 | 2.50 |
| 8. | 2.09 | 2.30 | 3.87 | 2.77 | 3.12 | 3.91 | 4.58 | 2.59 | 2.34 | 3.06 | 2.29 | 2.08 | 1.93 | 2.57 |
| 9. | 2.14 | 2.28 | 3.75 | 2.76 | 3.19 | 3.86 | 4.41 | 2.63 | 2.29 | 2.87 | 2.24 | 2.14 | 1.91 | 2.61 |
| 10. | 2.21 | 2.22 | 3.55 | 2.78 | 3.13 | 3.83 | 4.04 | 2.57 | 2.62 | 2.71 | 2.27 | 2.01 | 1.98 | 2.54 |
| 11. | 2.25 | 2.19 | 3.34 | 3.90 | 3.03 | 3.61 | 3.90 | 2.54 | 2.89 | 2.57 | 2.31 | 1.97 | 1.94 | 2.47 |
| 12. | 2.36 | 2.19 | 3.22 | 8.13 | 3.16 | 3.45 | 3.60 | 2.67 | 2.96 | 2.42 | 2.29 | 2.04 | 1.92 | 2.41 |
| 13. | 2.62 | 2.17 | 3.45 | 19.1 | 3.04 | 3.35 | 3.60 | 2.61 | 2.39 | 2.44 | 2.31 | 2.11 | 1.94 | 2.39 |
| 14. | 2.90 | 2.08 | 3.27 | 17.9 | 2.96 | 3.30 | 3.40 | 2.56 | 2.31 | 2.39 | 2.20 | 2.02 | 1.88 | 2.36 |
| 15. | 2.82 | 2.12 | 3.06 | 12.2 | 2.98 | 3.25 | 3.46 | 2.52 | 2.26 | 2.40 | 2.23 | 2.00 | 1.93 | 2.36 |
| 16. | 2.76 | 2.06 | 2.95 | 9.57 | 3.16 | 3.18 | 3.30 | 2.43 | 2.28 | 2.74 | 2.23 | 1.98 | 1.97 | 2.80 |
| 17. | 2.66 | 2.10 | 2.87 | 7.93 | 3.63 | 3.15 | 3.45 | 2.43 | 2.30 | 2.70 | 2.32 | 2.02 | 2.00 | 3.94 |
| 18. | 2.54 | 2.57 | 2.92 | 6.80 | 6.12 | 3.12 | 3.42 | 2.40 | 2.20 | 2.40 | 2.31 | 2.06 | 2.14 | 3.85 |
| 19. | 2.65 | 2.38 | 3.09 | 6.10 | 10.8 | 3.45 | 3.28 | 2.42 | 2.16 | 2.37 | 2.24 | 1.94 | 2.09 | 3.32 |
| 20. | 2.72 | 2.16 | 3.03 | 5.74 | 11.1 | 4.85 | 3.14 | 2.38 | 2.18 | 2.47 | 2.16 | 2.10 | 2.02 | 3.09 |
| 21. | 2.64 | 1.98 | 5.64 | 5.24 | 8.69 | 5.33 | 3.08 | 2.37 | 2.27 | 2.60 | 2.08 | 1.98 | 2.12 | 2.92 |
| 22. | 2.78 | 2.01 | 7.07 | 5.02 | 7.26 | 4.57 | 3.56 | 2.30 | 2.20 | 2.78 | 2.11 | 1.95 | 2.07 | 2.83 |
| 23. | 3.74 | 2.10 | 6.05 | 4.69 | 6.31 | 4.28 | 3.62 | 2.28 | 2.17 | 3.43 | 2.10 | 2.08 | 2.02 | 2.75 |
| 24. | 4.43 | 2.74 | 5.22 | 4.44 | 5.79 | 4.01 | 3.41 | 2.24 | 2.14 | 4.36 | 2.05 | 2.06 | 1.98 | 2.73 |
| 25. | 3.99 | 3.79 | 4.72 | 4.20 | 5.44 | 4.11 | 3.17 | 2.28 | 2.48 | 3.96 | 2.08 | 1.95 | 1.99 | 2.81 |
| 26. | 3.66 | 3.69 | 4.37 | 4.01 | 5.28 | 4.71 | 3.02 | 2.26 | 2.51 | 3.57 | 2.04 | 1.97 | 1.94 | 2.88 |
| 27. | 3.41 | 3.75 | 4.10 | 3.90 | 4.90 | 4.75 | 2.97 | 2.27 | 2.38 | 3.27 | 2.09 | 1.91 | 1.92 | 3.00 |
| 28. | 3.32 | 3.56 | 3.82 | 3.74 | 4.81 | 4.64 | 2.86 | 2.19 | 2.20 | 3.00 | 2.06 | 2.02 | 1.99 | 2.97 |
| 29. | 3.12 | 3.35 | 3.68 | | 4.62 | 4.26 | 2.82 | 2.43 | 2.11 | 2.90 | 2.06 | 1.92 | 1.91 | 2.88 |
| 30. | 2.96 | 3.13 | 3.46 | | 4.83 | 4.12 | 2.76 | 2.43 | 2.52 | 2.81 | 2.17 | 1.86 | 1.96 | 2.75 |
| 31. | | 3.00 | 3.35 | | 5.33 | | 2.74 | | 2.54 | 2.75 | | 2.02 | | 2.64 |

## Hauptwerte

| | 2004 | | 2005 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 6. | 21. | 17. | 9. | 14. | 18. | 31. | 28. | 29. | 1. | 26. | 30. | 14. | 2. |
| NQ | 1.95 | 1.98 | 2.87 | 2.76 | 2.96 | 3.12 | 2.74 | 2.19 | 2.11 | 2.22 | 2.04 | 1.86 | 1.88 | 1.88 |
| MQ | 2.70 | 2.58 | 3.91 | 5.83 | 4.70 | 4.03 | 3.48 | 2.48 | 2.42 | 3.00 | 2.25 | 2.09 | 1.99 | 2.68 |
| HQ | 4.90 | 4.06 | 7.23 | 24.1 | 13.0 | 6.41 | 5.69 | 3.39 | 3.69 | 6.16 | 3.49 | 4.22 | 3.00 | 4.44 |
| Tag | 24. | 25. | 22. | 13. | 19. | 21. | 28. | 13. | 10. | 3. | 2. | 10. | 4. | 17. |
| $h_N$ mm / $h_A$ mm | 16 | 16 | 25 | 33 | 30 | 25 | 22 | 15 | 15 | 19 | 14 | 13 | 12 | 17 |

| | 1954/2004 | | 1955/2005 (51 Jahre) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.24 | 2.32 | 2.60 | 2.82 | 2.97 | 3.01 | 2.59 | 2.27 | 2.10 | 2.03 | 1.96 | 1.96 | 2.23 | 2.32 |
| MQ | 2.78 | 3.35 | 3.69 | 4.04 | 4.23 | 3.61 | 3.08 | 2.76 | 2.53 | 2.36 | 2.27 | 2.47 | 2.77 | 3.34 |
| MHQ | 4.76 | 7.08 | 7.68 | 8.62 | 8.85 | 5.37 | 5.00 | 4.95 | 4.42 | 4.44 | 4.05 | 4.83 | 4.74 | 7.01 |
| HQ | 13.6 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.6 | 23.6 |
| Jahr | 2002 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 2002 | 1993 |
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 23 | 27 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 2005 Jahr | Datum | Winter | Sommer | Kalenderjahr 2005 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.86 | am 30.10.2005 | 1.95 | 1.86 | 1.86 | am 30.10.2005 |
| MQ m³/s | 3.27 | | 3.94 | 2.62 | 3.22 | |
| HQ m³/s | 24.1 | am 13.02.2005 bei W= 246 cm | 24.1 | 6.16 | 24.1 | am 13.02.2005 bei W= 246 cm |
| Nq l/(s km²) | 4.40 | | 4.60 | 4.40 | 4.40 | |
| Mq l/(s km²) | 7.72 | | 9.28 | 6.19 | 7.61 | |
| Hq l/(s km²) | 56.8 | | 56.8 | 14.5 | 56.8 | |
| $h_N$ mm / $h_A$ mm | 244 | | 148 | 97 | 244 | |
| | 1955/2005 (*) 51 Jahre | | | | 1955/2005 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.70 | | 2.02 | 1.79 | 1.74 | |
| MQ m³/s | 3.09 | | 3.62 | 2.58 | 3.09 | |
| MHQ m³/s | 14.7 | | 14.2 | 7.09 | 14.5 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.6 | | 9.90 | 6.12 | 10.6 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 4.00 | | 4.76 | 4.23 | 4.11 | |
| Mq l/(s km²) | 7.30 | | 8.53 | 6.08 | 7.29 | |
| MHq l/(s km²) | 34.6 | | 33.4 | 16.7 | 34.2 | |
| | 1955/2005 (*) 51 Jahre | | | | 1955/2005 | |
| $Mh_N$ mm / $Mh_A$ mm | 231 | | 136 | 95 | 230 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 24.1 | 56.8 | | 13.02.2005 |
| 5 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 6 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 7 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 8 | | | | 21.7 | 51.1 | | 21.03.2002 |
| 9 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 10 | | | | 20.0 | 47.1 | | 07.01.1982 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2005 | Kalenderjahr 2005 | 1955/2005 51 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 19.1 | 19.1 | 29.0 | 11.9 | 3.60 |
| 363 | 17.9 | 17.9 | 20.4 | 9.94 | 3.53 |
| 362 | 12.2 | 12.2 | 17.0 | 9.14 | 3.35 |
| 361 | 11.1 | 11.1 | 16.1 | 8.50 | 3.30 |
| 360 | 10.8 | 10.8 | 15.3 | 8.07 | 3.18 |
| 359 | 9.57 | 9.57 | 14.2 | 7.55 | 3.18 |
| 358 | 8.69 | 8.69 | 13.2 | 7.28 | 3.18 |
| 357 | 8.13 | 8.13 | 11.7 | 7.07 | 3.14 |
| 356 | 7.93 | 7.93 | 11.6 | 6.84 | 3.13 |
| 350 | 6.10 | 6.10 | 9.89 | 5.98 | 3.01 |
| 340 | 5.22 | 5.22 | 8.34 | 5.27 | 2.78 |
| 330 | 4.71 | 4.71 | 7.20 | 4.76 | 2.57 |
| 320 | 4.43 | 4.41 | 6.68 | 4.42 | 2.46 |
| 300 | 3.96 | 3.94 | 6.00 | 3.93 | 2.32 |
| 270 | 3.61 | 3.56 | 5.50 | 3.47 | 2.13 |
| 240 | 3.30 | 3.22 | 4.78 | 3.14 | 1.86 |
| 210 | 3.05 | 2.97 | 4.27 | 2.91 | 1.79 |
| 183 | 2.81 | 2.76 | 4.07 | 2.73 | 1.55 |
| 150 | 2.62 | 2.55 | 3.88 | 2.52 | 1.43 |
| 130 | 2.52 | 2.44 | 3.56 | 2.40 | 1.25 |
| 120 | 2.44 | 2.39 | 3.51 | 2.35 | 1.25 |
| 110 | 2.39 | 2.34 | 3.39 | 2.30 | 1.25 |
| 100 | 2.34 | 2.30 | 3.33 | 2.26 | 1.19 |
| 90 | 2.30 | 2.27 | 3.25 | 2.21 | 1.19 |
| 80 | 2.27 | 2.20 | 3.15 | 2.15 | 1.19 |
| 70 | 2.22 | 2.16 | 3.05 | 2.10 | 1.19 |
| 60 | 2.18 | 2.10 | 2.98 | 2.06 | 1.19 |
| 50 | 2.14 | 2.08 | 2.93 | 1.99 | 1.19 |
| 40 | 2.10 | 2.03 | 2.88 | 1.92 | 1.09 |
| 30 | 2.06 | 2.00 | 2.82 | 1.83 | 1.09 |
| 25 | 2.05 | 1.98 | 2.80 | 1.77 | 1.09 |
| 20 | 2.02 | 1.96 | 2.76 | 1.70 | 1.09 |
| 15 | 2.01 | 1.94 | 2.75 | 1.63 | 1.09 |
| 10 | 1.98 | 1.92 | 2.72 | 1.50 | 1.09 |
| 9 | 1.97 | 1.92 | 2.72 | 1.48 | 1.04 |
| 8 | 1.97 | 1.92 | 2.70 | 1.44 | 1.04 |
| 7 | 1.95 | 1.91 | 2.70 | 1.41 | 0.990 |
| 6 | 1.95 | 1.91 | 2.69 | 1.38 | 0.990 |
| 5 | 1.95 | 1.91 | 2.69 | 1.32 | 0.990 |
| 4 | 1.95 | 1.91 | 2.68 | 1.27 | 0.990 |
| 3 | 1.94 | 1.89 | 2.68 | 1.20 | 0.923 |
| 2 | 1.92 | 1.89 | 2.63 | 1.16 | 0.914 |
| 1 | 1.91 | 1.89 | 2.63 | 1.06 | 0.900 |
| 0 | 1.86 | 1.86 | 2.62 | 0.700 | 0.700 |

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

Bayer. Landesamt für Umwelt

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

# Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 2003 Nov | 2003 Dez | 2004 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.11 | 2.04 | 2.09 | 3.39 | 3.09 | 3.28 | 2.51 | 2.56 | 2.02 | 1.83 | 2.03 | 2.34 | 2.02 | 2.87 |
| 2. | 1.98 | 1.90 | 2.02 | 3.90 | 2.98 | 3.26 | 2.53 | 2.58 | 2.03 | 1.77 | 1.89 | 2.50 | 2.04 | 2.67 |
| 3. | 1.94 | 1.88 | 2.00 | 7.30 | 3.00 | 3.16 | 2.62 | 2.52 | 2.10 | 1.81 | 1.75 | 2.34 | 2.00 | 2.67 |
| 4. | 1.92 | 1.85 | 1.97 | 8.46 | 3.00 | 3.03 | 2.61 | 2.52 | 2.03 | 1.72 | 1.74 | 2.19 | 1.95 | 2.60 |
| 5. | 1.97 | 1.80 | 2.01 | 7.03 | 2.91 | 3.17 | 2.56 | 2.87 | 2.06 | 1.77 | 1.80 | 2.14 | 2.13 | 2.55 |
| 6. | 1.88 | 1.76 | 1.95 | 5.98 | 2.86 | 3.36 | 2.65 | 2.85 | 2.08 | 1.76 | 1.72 | 2.17 | 1.95 | 2.37 |
| 7. | 1.92 | 1.79 | 2.02 | 5.35 | 2.87 | 3.32 | 3.86 | 2.51 | 2.04 | 1.73 | 1.68 | 2.12 | 2.14 | 2.38 |
| 8. | 1.90 | 1.74 | 2.02 | 5.04 | 2.83 | 3.33 | 5.33 | 2.45 | 2.14 | 1.70 | 1.74 | 2.18 | 2.09 | 2.30 |
| 9. | 1.94 | 1.79 | 2.08 | 4.88 | 2.72 | 3.16 | 4.41 | 2.00 | 3.18 | 1.72 | 1.71 | 2.27 | 2.14 | 2.28 |
| 10. | 1.90 | 1.74 | 2.38 | 4.50 | 2.71 | 3.05 | 3.90 | 1.81 | 2.41 | 1.71 | 1.75 | 2.34 | 2.21 | 2.22 |
| 11. | 1.93 | 1.76 | 2.66 | 4.30 | 2.70 | 2.97 | 3.64 | 1.90 | 2.25 | 1.70 | 1.64 | 2.16 | 2.25 | 2.19 |
| 12. | 1.91 | 1.79 | 4.80 | 4.08 | 2.66 | 2.90 | 3.43 | 1.89 | 2.17 | 1.73 | 1.83 | 1.97 | 2.36 | 2.19 |
| 13. | 2.02 | 1.87 | 9.79 | 3.89 | 2.76 | 2.90 | 3.67 | 1.88 | 2.10 | 1.89 | 1.82 | 2.01 | 2.62 | 2.17 |
| 14. | 1.93 | 2.82 | 14.4 | 3.85 | 2.90 | 2.83 | 3.17 | 1.83 | 2.09 | 2.07 | 1.78 | 1.90 | 2.90 | 2.08 |
| 15. | 1.96 | 3.28 | 14.1 | 3.91 | 3.26 | 2.78 | 3.08 | 1.75 | 2.09 | 2.00 | 1.76 | 2.06 | 2.82 | 2.12 |
| 16. | 1.97 | 2.74 | 10.1 | 4.10 | 3.90 | 2.80 | 3.04 | 1.84 | 2.08 | 1.86 | 1.69 | 2.16 | 2.76 | 2.06 |
| 17. | 2.03 | 2.50 | 8.22 | 4.38 | 4.36 | 2.74 | 2.93 | 1.79 | 2.04 | 1.88 | 1.70 | 2.17 | 2.66 | 2.10 |
| 18. | 1.98 | 2.39 | 7.03 | 4.38 | 4.20 | 2.74 | 2.80 | 1.77 | 2.14 | 1.88 | 1.68 | 2.18 | 2.54 | 2.57 |
| 19. | 2.04 | 2.31 | 6.18 | 4.29 | 3.95 | 2.84 | 2.78 | 1.72 | 2.16 | 1.82 | 1.66 | 2.17 | 2.65 | 2.38 |
| 20. | 2.03 | 2.28 | 5.68 | 4.10 | 3.83 | 2.82 | 2.68 | 1.68 | 2.37 | 1.91 | 1.71 | 2.14 | 2.72 | 2.16 |
| 21. | 1.93 | 2.48 | 5.27 | 3.92 | 3.74 | 2.60 | 3.00 | 1.76 | 2.29 | 2.12 | 1.78 | 2.11 | 2.64 | 1.98 |
| 22. | 1.99 | 2.78 | 4.62 | 3.80 | 3.57 | 2.65 | 3.27 | 1.70 | 2.10 | 1.93 | 1.90 | 2.11 | 2.78 | 2.01 |
| 23. | 1.97 | 2.79 | 4.31 | 3.85 | 3.39 | 2.70 | 2.87 | 1.76 | 2.02 | 1.93 | 2.40 | 2.02 | 3.74 | 2.10 |
| 24. | 1.95 | 2.42 | 4.03 | 3.70 | 3.69 | 2.98 | 2.65 | 1.91 | 2.02 | 2.04 | 3.43 | 2.01 | 4.43 | 2.74 |
| 25. | 1.94 | 2.31 | 3.93 | 3.49 | 4.39 | 2.76 | 2.66 | 1.72 | 1.96 | 2.04 | 3.53 | 1.98 | 3.99 | 3.79 |
| 26. | 1.85 | 2.32 | 3.82 | 3.43 | 4.18 | 2.62 | 2.58 | 1.63 | 2.07 | 2.29 | 2.69 | 2.17 | 3.66 | 3.69 |
| 27. | 1.71 | 2.31 | 3.69 | 3.38 | 4.00 | 2.60 | 2.52 | 1.60 | 1.96 | 2.06 | 2.56 | 2.30 | 3.41 | 3.75 |
| 28. | 1.77 | 2.25 | 3.49 | 3.27 | 3.87 | 2.57 | 2.50 | 1.64 | 1.94 | 2.01 | 2.36 | 2.25 | 3.32 | 3.56 |
| 29. | 2.36 | 2.22 | 3.41 | 3.13 | 3.69 | 2.55 | 2.45 | 1.54 | 1.96 | 2.16 | 2.32 | 2.11 | 3.12 | 3.35 |
| 30. | 2.39 | 2.13 | 3.22 | | 3.53 | 2.50 | 2.45 | 1.87 | 1.84 | 2.12 | 2.26 | 2.08 | 2.96 | 3.13 |
| 31. | | 2.15 | 3.14 | | 3.48 | | 2.39 | | 1.89 | 1.95 | | 2.16 | | 3.00 |

## Hauptwerte

| | 2003 Nov | 2003 Dez | 2004 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 27. | 10. | 6. | 29. | 12. | 30. | 31. | 29. | 30. | 11. | 11. | 14. | 6. | 21. |
| NQ | 1.71 | 1.74 | 1.95 | 3.13 | 2.66 | 2.50 | 2.39 | 1.54 | 1.84 | 1.70 | 1.64 | 1.90 | 1.95 | 1.98 |
| MQ | 1.97 | 2.20 | 4.72 | 4.45 | 3.39 | 2.90 | 3.02 | 2.00 | 2.12 | 1.90 | 2.01 | 2.15 | 2.70 | 2.58 |
| HQ | 3.32 | 3.68 | 16.2 | 8.77 | 4.66 | 3.70 | 5.61 | 4.25 | 3.95 | 5.40 | 4.54 | 3.25 | 4.90 | 4.06 |
| Tag | 20. | 15. | 14. | 4. | 25. | 20. | 8. | 11. | 9. | 30. | 23. | 2. | 24. | 25. |
| $h_N$ mm | | | | | | | | | | | | | | |
| $h_A$ mm | 12 | 14 | 30 | 26 | 21 | 18 | 19 | 12 | 13 | 12 | 12 | 14 | 16 | 16 |

| | 1954/2003 | | 1955/2004 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.24 | 2.33 | 2.60 | 2.82 | 2.97 | 3.01 | 2.58 | 2.28 | 2.10 | 2.02 | 1.96 | 1.96 | 2.24 | 2.32 |
| MQ | 2.78 | 3.37 | 3.69 | 4.00 | 4.22 | 3.60 | 3.07 | 2.76 | 2.53 | 2.34 | 2.27 | 2.48 | 2.79 | 3.36 |
| MHQ | 4.76 | 7.14 | 7.69 | 8.32 | 8.76 | 5.35 | 4.98 | 4.98 | 4.44 | 4.41 | 4.06 | 4.84 | 4.78 | 7.06 |
| HQ | 13.6 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.6 | 23.6 |
| Jahr | 2002 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 2002 | 1993 |
| | 1954/2003 | | 1955/2004 | | | | | | | | | | | |
| $Mh_N$ mm | | | | | | | | | | | | | | |
| $Mh_A$ mm | 17 | 21 | 23 | 24 | 27 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 2004 Jahr | Datum | Winter | Sommer | Kalenderjahr 2004 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.54 | am 29.06.2004 | 1.71 | 1.54 | 1.54 | am 29.06.2004 |
| MQ m³/s | 2.73 | | 3.27 | 2.20 | 2.82 | |
| HQ m³/s | 16.2 | am 14.01.2004 bei W= 197 cm | 16.2 | 5.61 | 16.2 | am 14.01.2004 bei W= 197 cm |
| Nq l/(s km²) | 3.64 | | 4.03 | 3.64 | 3.64 | |
| Mq l/(s km²) | 6.44 | | 7.71 | 5.19 | 6.66 | |
| Hq l/(s km²) | 38.3 | | 38.3 | 13.2 | 38.3 | |
| $h_N$ mm | | | | | | |
| $h_A$ mm | 203 | | 123 | 81 | 204 | |
| | 1955/2004 (*) 50 Jahre | | | | 1955/2004 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.69 | | 2.02 | 1.79 | 1.74 | |
| MQ m³/s | 3.09 | | 3.61 | 2.58 | 3.09 | |
| MHQ m³/s | 14.5 | | 14.0 | 7.11 | 14.3 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.6 | | 9.78 | 6.12 | 10.6 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 3.99 | | 4.76 | 4.23 | 4.10 | |
| Mq l/(s km²) | 7.29 | | 8.52 | 6.08 | 7.29 | |
| MHq l/(s km²) | 34.2 | | 32.9 | 16.8 | 33.7 | |
| | 1955/2004 (*) 50 Jahre | | | | 1955/2004 | |
| $Mh_N$ mm | | | | | | |
| $Mh_A$ mm | 230 | | 135 | 95 | 230 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.7 | 51.1 | | 21.03.2002 |
| 8 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 9 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 10 | | | | 18.9 | 44.6 | | 22.12.1991 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2004 | Kalenderjahr 2004 | 1955/2004 50 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | 14.4 | 14.4 | | | |
| 364 | 14.1 | 14.1 | 29.0 | 11.7 | 3.60 |
| 363 | 10.1 | 10.1 | 20.4 | 9.94 | 3.53 |
| 362 | 9.79 | 9.79 | 17.0 | 9.12 | 3.35 |
| 361 | 8.46 | 8.46 | 16.1 | 8.46 | 3.30 |
| 360 | 8.22 | 8.22 | 15.3 | 8.04 | 3.18 |
| 359 | 7.30 | 7.30 | 14.2 | 7.54 | 3.18 |
| 358 | 7.03 | 7.03 | 13.2 | 7.27 | 3.18 |
| 357 | 7.03 | 7.03 | 11.7 | 7.05 | 3.14 |
| 356 | 6.18 | 6.18 | 11.6 | 6.84 | 3.13 |
| 350 | 5.04 | 5.04 | 9.89 | 5.98 | 3.01 |
| 340 | 4.31 | 4.36 | 8.34 | 5.27 | 2.78 |
| 330 | 3.95 | 4.00 | 7.20 | 4.76 | 2.57 |
| 320 | 3.85 | 3.87 | 6.68 | 4.43 | 2.46 |
| 300 | 3.43 | 3.56 | 6.00 | 3.93 | 2.32 |
| 270 | 3.00 | 3.14 | 5.50 | 3.47 | 2.13 |
| 240 | 2.71 | 2.84 | 4.78 | 3.14 | 1.86 |
| 210 | 2.50 | 2.65 | 4.27 | 2.90 | 1.79 |
| 183 | 2.29 | 2.50 | 4.07 | 2.72 | 1.55 |
| 150 | 2.11 | 2.19 | 3.88 | 2.51 | 1.43 |
| 130 | 2.04 | 2.14 | 3.56 | 2.40 | 1.25 |
| 120 | 2.02 | 2.10 | 3.51 | 2.35 | 1.25 |
| 110 | 2.00 | 2.08 | 3.39 | 2.30 | 1.25 |
| 100 | 1.97 | 2.04 | 3.33 | 2.26 | 1.19 |
| 90 | 1.94 | 2.02 | 3.25 | 2.21 | 1.19 |
| 80 | 1.92 | 2.00 | 3.15 | 2.15 | 1.19 |
| 70 | 1.89 | 1.97 | 3.05 | 2.10 | 1.19 |
| 60 | 1.85 | 1.90 | 2.98 | 2.05 | 1.19 |
| 50 | 1.81 | 1.87 | 2.93 | 1.99 | 1.19 |
| 40 | 1.77 | 1.81 | 2.88 | 1.91 | 1.09 |
| 30 | 1.76 | 1.76 | 2.82 | 1.82 | 1.09 |
| 25 | 1.74 | 1.74 | 2.80 | 1.77 | 1.09 |
| 20 | 1.72 | 1.72 | 2.76 | 1.70 | 1.09 |
| 15 | 1.71 | 1.71 | 2.75 | 1.62 | 1.09 |
| 10 | 1.70 | 1.70 | 2.72 | 1.50 | 1.09 |
| 9 | 1.69 | 1.69 | 2.72 | 1.48 | 1.04 |
| 8 | 1.69 | 1.69 | 2.70 | 1.44 | 1.04 |
| 7 | 1.69 | 1.69 | 2.70 | 1.39 | 0.990 |
| 6 | 1.68 | 1.68 | 2.69 | 1.37 | 0.990 |
| 5 | 1.66 | 1.66 | 2.69 | 1.32 | 0.990 |
| 4 | 1.66 | 1.66 | 2.68 | 1.26 | 0.990 |
| 3 | 1.66 | 1.66 | 2.68 | 1.20 | 0.923 |
| 2 | 1.63 | 1.63 | 2.63 | 1.16 | 0.914 |
| 1 | 1.60 | 1.60 | 2.63 | 1.06 | 0.900 |
| 0 | 1.54 | 1.54 | 2.62 | 0.700 | 0.700 |

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

Bayer. Landesamt für Umwelt

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 2002 Nov | 2002 Dez | 2003 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 4.86 | 7.72 | 8.41 | 5.65 | 3.77 | 3.52 | 3.18 | 4.46 | 2.95 | 2.44 | 2.20 | 2.06 | 2.11 | 2.04 |
| 2. | 5.16 | 7.81 | 8.35 | 5.37 | 4.02 | 3.71 | 3.01 | 3.30 | 3.06 | 2.39 | 2.16 | 2.01 | 1.98 | 1.90 |
| 3. | 6.33 | 7.29 | 9.72 | 5.46 | 5.02 | 3.79 | 3.14 | 3.07 | 2.99 | 2.38 | 2.09 | 1.93 | 1.94 | 1.88 |
| 4. | 7.08 | 6.68 | 10.5 | 5.90 | 5.84 | 3.44 | 3.05 | 2.96 | 3.16 | 2.37 | 2.06 | 2.05 | 1.92 | 1.85 |
| 5. | 7.20 | 6.26 | 9.08 | 5.44 | 6.63 | 3.40 | 3.03 | 2.90 | 3.08 | 2.35 | 2.09 | 2.24 | 1.97 | 1.80 |
| 6. | 6.42 | 5.89 | 7.82 | 5.14 | 6.88 | 3.36 | 3.04 | 2.89 | 3.13 | 2.36 | 2.09 | 2.06 | 1.88 | 1.76 |
| 7. | 5.88 | 5.57 | 7.01 | 4.94 | 6.82 | 3.29 | 3.01 | 2.89 | 2.78 | 2.28 | 2.07 | 2.66 | 1.92 | 1.79 |
| 8. | 5.52 | 5.31 | 6.44 | 4.91 | 6.79 | 3.31 | 3.03 | 2.91 | 2.69 | 2.30 | 2.10 | 3.17 | 1.90 | 1.74 |
| 9. | 5.77 | 5.06 | 5.94 | 4.83 | 6.50 | 3.30 | 3.14 | 2.78 | 2.67 | 2.26 | 2.03 | 3.39 | 1.94 | 1.79 |
| 10. | 6.63 | 4.80 | 5.65 | 4.68 | 6.23 | 3.30 | 3.14 | 2.83 | 2.61 | 2.29 | 2.04 | 2.78 | 1.90 | 1.74 |
| 11. | 9.20 | 4.58 | 5.42 | 4.53 | 5.81 | 3.43 | 3.03 | 2.72 | 2.64 | 2.28 | 2.21 | 2.36 | 1.93 | 1.76 |
| 12. | 11.8 | 4.43 | 5.16 | 4.35 | 5.56 | 3.31 | 3.30 | 2.72 | 2.58 | 2.18 | 2.43 | 2.18 | 1.91 | 1.79 |
| 13. | 11.1 | 4.34 | 5.02 | 4.30 | 5.29 | 3.30 | 3.36 | 3.50 | 2.58 | 2.27 | 2.35 | 2.15 | 2.02 | 1.87 |
| 14. | 8.54 | 4.25 | 5.01 | 4.20 | 4.96 | 3.22 | 3.12 | 3.12 | 2.53 | 2.26 | 2.17 | 2.18 | 1.93 | 2.82 |
| 15. | 7.37 | 4.21 | 5.12 | 4.15 | 4.66 | 3.15 | 3.07 | 3.17 | 2.54 | 2.26 | 2.07 | 1.99 | 1.96 | 3.28 |
| 16. | 6.54 | 4.18 | 5.09 | 4.11 | 4.50 | 3.13 | 3.04 | 2.91 | 2.50 | 2.28 | 2.04 | 2.09 | 1.97 | 2.74 |
| 17. | 6.00 | 4.46 | 4.90 | 4.04 | 4.44 | 3.19 | 3.08 | 2.84 | 2.58 | 2.30 | 2.06 | 2.15 | 2.03 | 2.50 |
| 18. | 5.54 | 4.49 | 4.68 | 4.03 | 4.37 | 3.03 | 3.05 | 3.01 | 2.73 | 2.27 | 1.98 | 2.07 | 1.98 | 2.39 |
| 19. | 5.71 | 4.19 | 4.54 | 3.94 | 4.28 | 3.17 | 3.29 | 3.03 | 2.67 | 2.51 | 2.02 | 2.02 | 2.04 | 2.31 |
| 20. | 5.93 | 3.97 | 4.45 | 3.94 | 4.21 | 3.08 | 3.74 | 2.93 | 2.52 | 2.12 | 1.97 | 2.04 | 2.03 | 2.28 |
| 21. | 5.45 | 4.02 | 4.40 | 3.93 | 4.12 | 3.20 | 3.33 | 2.99 | 2.49 | 2.27 | 1.96 | 2.04 | 1.93 | 2.48 |
| 22. | 5.40 | 5.43 | 4.30 | 3.89 | 3.98 | 3.17 | 3.09 | 2.86 | 2.50 | 2.21 | 1.96 | 2.07 | 1.99 | 2.78 |
| 23. | 5.84 | 8.85 | 4.28 | 3.81 | 3.95 | 3.16 | 3.07 | 2.76 | 2.55 | 2.16 | 1.95 | 2.03 | 1.97 | 2.79 |
| 24. | 5.76 | 9.94 | 4.84 | 3.77 | 3.85 | 3.10 | 3.07 | 2.79 | 2.54 | 2.12 | 2.08 | 1.96 | 1.95 | 2.42 |
| 25. | 5.50 | 7.62 | 4.99 | 3.80 | 3.80 | 3.04 | 2.99 | 2.81 | 2.82 | 2.14 | 1.97 | 2.02 | 1.94 | 2.31 |
| 26. | 5.32 | 6.67 | 4.75 | 3.78 | 3.81 | 3.06 | 3.19 | 2.71 | 2.86 | 1.83 | 1.91 | 1.92 | 1.85 | 2.32 |
| 27. | 5.61 | 6.13 | 4.74 | 3.77 | 3.74 | 3.05 | 3.04 | 2.67 | 2.54 | 1.86 | 1.97 | 1.97 | 1.71 | 2.31 |
| 28. | 5.90 | 5.73 | 5.57 | 3.75 | 3.68 | 3.19 | 2.98 | 2.69 | 2.59 | 1.94 | 1.99 | 1.97 | 1.77 | 2.25 |
| 29. | 5.80 | 5.67 | 6.97 | | 3.66 | 3.11 | 2.94 | 2.63 | 2.47 | 2.06 | 2.12 | 1.92 | 2.36 | 2.22 |
| 30. | 6.92 | 7.99 | 6.54 | | 3.63 | 2.98 | 2.94 | 2.64 | 2.42 | 2.17 | 2.07 | 2.15 | 2.39 | 2.13 |
| 31. | | 9.34 | 6.10 | | 3.60 | | 2.87 | | 2.44 | 2.19 | | 2.07 | | 2.15 |

## Hauptwerte

| | 2002 Nov | 2002 Dez | 2003 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 1. | 20. | 23. | 28. | 31. | 30. | 31. | 29. | 30. | 26. | 26. | 26.+ | 27. | 10. |
| NQ | 4.86 | 3.97 | 4.28 | 3.75 | 3.60 | 2.98 | 2.87 | 2.63 | 2.42 | 1.83 | 1.91 | 1.92 | 1.71 | 1.74 |
| MQ | 6.54 | 5.90 | 5.99 | 4.44 | 4.79 | 3.25 | 3.11 | 2.95 | 2.68 | 2.23 | 2.08 | 2.18 | 1.97 | 2.20 |
| HQ | 13.6 | 10.6 | 11.2 | 6.08 | 7.19 | 4.19 | 4.10 | 5.96 | 3.64 | 5.10 | 3.30 | 4.50 | 3.32 | 3.68 |
| Tag | 12. | 24. | 4. | 4. | 6. | 3. | 26. | 13. | 2. | 19. | 23. | 6. | 20. | 15. |
| $h_N$ mm / $h_A$ mm | 40 | 37 | 38 | 25 | 30 | 20 | 20 | 18 | 17 | 14 | 13 | 14 | 12 | 14 |

| | 1954/2002 | | 1955/2003 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.26 | 2.34 | 2.61 | 2.81 | 2.98 | 3.02 | 2.59 | 2.29 | 2.10 | 2.03 | 1.97 | 1.96 | 2.24 | 2.33 |
| MQ | 2.80 | 3.39 | 3.66 | 3.99 | 4.24 | 3.62 | 3.07 | 2.78 | 2.54 | 2.35 | 2.28 | 2.49 | 2.79 | 3.37 |
| MHQ | 4.79 | 7.21 | 7.51 | 8.31 | 8.85 | 5.38 | 4.97 | 5.00 | 4.44 | 4.39 | 4.05 | 4.88 | 4.77 | 7.12 |
| HQ | 13.6 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.6 | 23.6 |
| Jahr | 2002 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 2002 | 1993 |
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 23 | 27 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 2003 Jahr | Datum | Winter | Sommer | Kalenderjahr 2003 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.83 | am 26.08.2003 | 2.98 | 1.83 | 1.71 | am 27.11.2003 |
| MQ m³/s | 3.84 | | 5.17 | 2.54 | 3.15 | |
| HQ m³/s | 13.6 | am 12.11.2002 bei W= 179 cm | 13.6 | 5.96 | 11.2 | am 04.01.2003 bei W= 164 cm |
| Nq l/(s km²) | 4.31 | | 7.04 | 4.31 | 4.03 | |
| Mq l/(s km²) | 9.06 | | 12.2 | 5.99 | 7.44 | |
| Hq l/(s km²) | 32.1 | | 32.1 | 14.1 | 26.3 | |
| $h_N$ mm / $h_A$ mm | 286 | | 194 | 94 | 286 | |
| | 1955/2003 (*) 49 Jahre | | | | 1955/2003 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.70 | | 2.02 | 1.80 | 1.74 | |
| MQ m³/s | 3.10 | | 3.62 | 2.58 | 3.09 | |
| MHQ m³/s | 14.4 | | 13.9 | 7.14 | 14.2 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.6 | | 9.78 | 6.26 | 10.6 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 4.00 | | 4.77 | 4.24 | 4.11 | |
| Mq l/(s km²) | 7.31 | | 8.53 | 6.10 | 7.30 | |
| MHq l/(s km²) | 34.1 | | 32.8 | 16.8 | 33.6 | |
| | 1955/2003 (*) 49 Jahre | | | | 1955/2003 | |
| $Mh_N$ mm / $Mh_A$ mm | 230 | | 136 | 95 | 230 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.7 | 51.1 | | 21.03.2002 |
| 8 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 9 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 10 | | | | 18.9 | 44.6 | | 22.12.1991 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2003 | Kalenderjahr 2003 | 1955/2003 49 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 11.8 | 10.5 | 29.0 | 11.7 | 3.60 |
| 363 | 11.1 | 9.72 | 20.4 | 9.94 | 3.53 |
| 362 | 10.5 | 9.08 | 17.0 | 9.12 | 3.35 |
| 361 | 9.94 | 8.41 | 16.1 | 8.46 | 3.30 |
| 360 | 9.72 | 8.35 | 15.3 | 8.04 | 3.18 |
| 359 | 9.34 | 7.82 | 14.2 | 7.55 | 3.18 |
| 358 | 9.20 | 7.01 | 13.2 | 7.28 | 3.18 |
| 357 | 9.08 | 6.97 | 11.7 | 7.07 | 3.14 |
| 356 | 8.85 | 6.88 | 11.6 | 6.84 | 3.13 |
| 350 | 7.81 | 6.44 | 9.89 | 5.99 | 3.01 |
| 340 | 6.88 | 5.56 | 8.34 | 5.29 | 2.78 |
| 330 | 6.44 | 5.02 | 7.20 | 4.78 | 2.57 |
| 320 | 5.90 | 4.75 | 6.68 | 4.44 | 2.46 |
| 300 | 5.52 | 4.15 | 6.00 | 3.95 | 2.32 |
| 270 | 4.75 | 3.52 | 5.50 | 3.47 | 2.13 |
| 240 | 4.12 | 3.16 | 4.78 | 3.15 | 1.86 |
| 210 | 3.60 | 3.03 | 4.27 | 2.91 | 1.79 |
| 183 | 3.17 | 2.82 | 4.07 | 2.73 | 1.55 |
| 150 | 3.03 | 2.52 | 3.88 | 2.52 | 1.43 |
| 130 | 2.89 | 2.36 | 3.56 | 2.41 | 1.25 |
| 120 | 2.78 | 2.28 | 3.51 | 2.35 | 1.25 |
| 110 | 2.67 | 2.25 | 3.39 | 2.31 | 1.25 |
| 100 | 2.58 | 2.17 | 3.33 | 2.26 | 1.19 |
| 90 | 2.49 | 2.12 | 3.25 | 2.21 | 1.19 |
| 80 | 2.36 | 2.07 | 3.15 | 2.16 | 1.19 |
| 70 | 2.27 | 2.06 | 3.05 | 2.11 | 1.19 |
| 60 | 2.18 | 2.03 | 2.98 | 2.06 | 1.19 |
| 50 | 2.14 | 1.98 | 2.93 | 1.99 | 1.19 |
| 40 | 2.07 | 1.97 | 2.88 | 1.92 | 1.09 |
| 30 | 2.06 | 1.94 | 2.82 | 1.83 | 1.09 |
| 25 | 2.04 | 1.92 | 2.80 | 1.77 | 1.09 |
| 20 | 2.02 | 1.91 | 2.76 | 1.70 | 1.09 |
| 15 | 1.98 | 1.88 | 2.75 | 1.62 | 1.09 |
| 10 | 1.96 | 1.83 | 2.72 | 1.50 | 1.09 |
| 9 | 1.96 | 1.80 | 2.72 | 1.48 | 1.04 |
| 8 | 1.96 | 1.79 | 2.70 | 1.44 | 1.04 |
| 7 | 1.95 | 1.79 | 2.70 | 1.39 | 0.990 |
| 6 | 1.94 | 1.79 | 2.69 | 1.37 | 0.990 |
| 5 | 1.93 | 1.77 | 2.69 | 1.32 | 0.990 |
| 4 | 1.93 | 1.76 | 2.68 | 1.26 | 0.990 |
| 3 | 1.93 | 1.76 | 2.68 | 1.20 | 0.923 |
| 2 | 1.91 | 1.74 | 2.63 | 1.16 | 0.914 |
| 1 | 1.86 | 1.74 | 2.63 | 1.06 | 0.900 |
| 0 | 1.83 | 1.71 | 2.62 | 0.700 | 0.700 |

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

Bayer. Landesamt für Umwelt

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

# Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 2001 Nov | 2001 Dez | 2002 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.12 | 5.60 | 2.85 | 6.33 | 8.66 | 5.16 | 3.59 | 3.16 | 2.73 | 2.56 | 2.43 | 2.84 | 4.86 | 7.72 |
| 2. | 1.95 | 5.57 | 2.78 | 5.81 | 7.72 | 4.92 | 3.50 | 3.11 | 3.02 | 2.65 | 2.56 | 2.78 | 5.16 | 7.81 |
| 3. | 1.89 | 5.51 | 2.72 | 5.38 | 7.12 | 4.76 | 3.58 | 3.07 | 3.02 | 2.62 | 2.51 | 2.70 | 6.33 | 7.29 |
| 4. | 1.81 | 5.13 | 2.50 | 5.11 | 6.56 | 4.54 | 3.54 | 3.01 | 2.94 | 2.63 | 2.44 | 2.80 | 7.08 | 6.68 |
| 5. | 1.96 | 4.79 | 2.53 | 4.82 | 6.18 | 4.35 | 3.52 | 2.96 | 2.92 | 2.65 | 2.57 | 2.96 | 7.20 | 6.25 |
| 6. | 1.98 | 5.35 | 2.52 | 4.69 | 5.96 | 4.22 | 3.69 | 3.43 | 2.88 | 2.76 | 2.57 | 3.33 | 6.42 | 5.88 |
| 7. | 2.22 | 6.44 | 2.44 | 4.78 | 5.85 | 4.09 | 3.59 | 3.57 | 2.73 | 3.37 | 2.60 | 4.27 | 5.88 | 5.55 |
| 8. | 3.21 | 6.20 | 2.51 | 4.55 | 5.70 | 4.01 | 3.45 | 3.45 | 2.74 | 3.44 | 2.44 | 4.20 | 5.52 | 5.27 |
| 9. | 3.68 | 5.36 | 2.47 | 4.74 | 5.38 | 3.88 | 3.40 | 3.26 | 2.56 | 2.99 | 2.39 | 3.54 | 5.77 | 5.01 |
| 10. | 3.34 | 4.75 | 2.44 | 5.57 | 5.13 | 3.79 | 3.32 | 3.26 | 2.98 | 2.94 | 2.75 | 3.51 | 6.63 | 4.75 |
| 11. | 2.91 | 4.41 | 2.42 | 5.91 | 4.93 | 3.70 | 3.36 | 3.19 | 2.84 | 2.91 | 2.98 | 3.32 | 9.20 | 4.52 |
| 12. | 2.81 | 4.19 | 2.41 | 5.65 | 4.81 | 3.66 | 4.09 | 3.06 | 2.65 | 3.64 | 3.01 | 3.17 | 11.8 | 4.36 |
| 13. | 2.80 | 3.91 | 2.43 | 6.35 | 4.76 | 3.61 | 4.24 | 3.05 | 2.75 | 3.62 | 2.71 | 3.13 | 11.1 | 4.25 |
| 14. | 2.79 | 3.63 | 2.40 | 8.14 | 4.63 | 3.65 | 3.58 | 2.99 | 3.11 | 3.19 | 2.59 | 3.08 | 8.54 | 4.15 |
| 15. | 2.54 | 3.37 | 2.38 | 8.33 | 4.48 | 3.64 | 3.41 | 2.91 | 3.18 | 2.96 | 2.54 | 2.98 | 7.37 | 4.10 |
| 16. | 2.48 | 3.17 | 2.38 | 7.04 | 4.33 | 3.92 | 3.30 | 2.87 | 2.96 | 2.87 | 2.53 | 2.94 | 6.54 | 4.06 |
| 17. | 2.39 | 3.09 | 2.29 | 6.37 | 4.23 | 3.91 | 3.33 | 2.93 | 2.95 | 2.82 | 2.49 | 3.96 | 6.00 | 4.32 |
| 18. | 2.39 | 3.04 | 2.34 | 5.84 | 4.17 | 3.90 | 3.21 | 2.77 | 3.51 | 2.83 | 2.47 | 5.36 | 5.54 | 4.34 |
| 19. | 2.31 | 2.94 | 2.30 | 5.53 | 4.37 | 3.87 | 4.00 | 2.79 | 3.52 | 2.73 | 2.50 | 5.37 | 5.71 | 4.04 |
| 20. | 2.35 | 2.92 | 2.60 | 5.86 | 6.69 | 3.98 | 4.28 | 2.80 | 3.02 | 2.68 | 2.65 | 5.25 | 5.93 | 3.80 |
| 21. | 2.26 | 2.82 | 3.39 | 6.99 | 14.6 | 3.90 | 3.58 | 2.78 | 2.87 | 2.69 | 2.86 | 4.59 | 5.45 | 3.86 |
| 22. | 2.26 | 2.81 | 6.16 | 6.68 | 19.2 | 3.73 | 3.48 | 2.83 | 2.97 | 2.92 | 2.78 | 4.31 | 5.40 | 5.30 |
| 23. | 3.12 | 2.79 | 6.43 | 6.44 | 16.3 | 3.67 | 3.34 | 2.91 | 2.80 | 2.60 | 2.58 | 4.28 | 5.84 | 8.76 |
| 24. | 3.38 | 2.61 | 5.87 | 7.06 | 12.4 | 3.70 | 3.51 | 3.95 | 2.74 | 2.59 | 2.81 | 4.07 | 5.76 | 9.87 |
| 25. | 3.18 | 2.71 | 7.60 | 7.53 | 9.92 | 3.69 | 3.50 | 3.44 | 2.72 | 2.54 | 3.21 | 4.06 | 5.50 | 7.58 |
| 26. | 3.57 | 2.81 | 9.66 | 10.4 | 8.32 | 3.82 | 3.78 | 3.07 | 2.68 | 2.45 | 3.22 | 5.65 | 5.32 | 6.64 |
| 27. | 5.70 | 2.66 | 9.47 | 12.1 | 7.36 | 4.39 | 3.67 | 2.82 | 2.65 | 2.60 | 3.00 | 6.56 | 5.61 | 6.10 |
| 28. | 6.68 | 2.65 | 10.4 | 10.4 | 6.64 | 4.05 | 3.48 | 2.83 | 2.53 | 2.63 | 3.10 | 6.26 | 5.90 | 5.69 |
| 29. | 5.92 | 3.31 | 10.1 | | 6.10 | 3.71 | 3.39 | 2.66 | 2.66 | 2.54 | 3.01 | 5.56 | 5.80 | 5.64 |
| 30. | 5.72 | 3.45 | 8.19 | | 5.71 | 3.70 | 3.24 | 2.74 | 2.68 | 2.60 | 2.89 | 5.28 | 6.92 | 8.00 |
| 31. | | 3.02 | 7.15 | | 5.42 | | 3.19 | | 2.79 | 2.53 | | 5.40 | | 9.35 |

## Hauptwerte

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 4. | 24. | 17. | 8. | 18. | 13. | 31. | 29. | 28. | 26. | 9. | 3. | 1. | 20. |
| NQ | 1.81 | 2.61 | 2.29 | 4.55 | 4.17 | 3.61 | 3.19 | 2.66 | 2.53 | 2.45 | 2.39 | 2.70 | 4.86 | 3.80 |
| MQ | 3.06 | 3.90 | 4.33 | 6.58 | 7.22 | 4.00 | 3.55 | 3.06 | 2.87 | 2.82 | 2.71 | 4.11 | 6.54 | 5.84 |
| HQ | 7.08 | 6.74 | 10.7 | 12.4 | 21.7 | 5.31 | 4.91 | 4.63 | 4.12 | 4.01 | 3.91 | 7.18 | 13.6 | 10.5 |
| Tag | 27. | 7. | 29. | 27. | 21. | 1. | 12. | 24. | 31. | 12. | 5. | 28. | 12. | 24. |
| $h_N$ mm / $h_A$ mm | 19 | 25 | 27 | 38 | 46 | 24 | 22 | 19 | 18 | 18 | 16 | 26 | 40 | 37 |
| | 1954/2001 | | 1955/2002 48 Jahre | | | | | | | | | | | |
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.20 | 2.31 | 2.57 | 2.79 | 2.97 | 3.02 | 2.58 | 2.28 | 2.10 | 2.04 | 1.97 | 1.96 | 2.26 | 2.34 |
| MQ | 2.72 | 3.34 | 3.62 | 3.98 | 4.23 | 3.63 | 3.07 | 2.77 | 2.54 | 2.36 | 2.28 | 2.49 | 2.81 | 3.40 |
| MHQ | 4.60 | 7.14 | 7.44 | 8.35 | 8.88 | 5.41 | 4.99 | 4.98 | 4.46 | 4.37 | 4.06 | 4.88 | 4.80 | 7.20 |
| HQ | 13.5 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.6 | 23.6 |
| Jahr | 1998 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 2002 | 1993 |
| | 1954/2001 | | 1955/2002 48 Jahre | | | | | | | | | | | |
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 23 | 27 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | | Abflussjahr (*) 2002 Jahr | Datum | Winter | Sommer | Kalenderjahr 2002 Jahr | Datum |
|---|---|---|---|---|---|---|---|
| NQ | m³/s | 1.81 | am 04.11.2001 | 1.81 | 2.39 | 2.29 | am 17.01.2002 |
| MQ | m³/s | 4.01 | | 4.83 | 3.19 | 4.46 | |
| HQ | m³/s | 21.7 | am 21.03.2002 bei W= 230 cm | 21.7 | 7.18 | 21.7 | am 21.03.2002 bei W= 230 cm |
| Nq | l/(s km²) | 4.27 | | 4.27 | 5.64 | 5.41 | |
| Mq | l/(s km²) | 9.45 | | 11.4 | 7.53 | 10.5 | |
| Hq | l/(s km²) | 51.1 | | 51.1 | 16.9 | 51.1 | |
| $h_N$ mm / $h_A$ | mm | 298 | | 181 | 118 | 298 | |
| | | 1955/2002 (*) 48 Jahre | | | | 1955/2002 | |
| NQ | m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ | m³/s | 1.69 | | 2.00 | 1.80 | 1.74 | |
| MQ | m³/s | 3.08 | | 3.58 | 2.59 | 3.09 | |
| MHQ | m³/s | 14.5 | | 13.9 | 7.16 | 14.3 | |
| HQ | m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ | m³/s | 10.4 | | 9.68 | 6.33 | 10.5 | |
| $HQ_5$ | m³/s | | | | | | |
| MNq | l/(s km²) | 3.99 | | 4.73 | 4.24 | 4.11 | |
| Mq | l/(s km²) | 7.27 | | 8.46 | 6.10 | 7.30 | |
| MHq | l/(s km²) | 34.1 | | 32.8 | 16.9 | 33.8 | |
| | | 1955/2002 (*) 48 Jahre | | | | 1955/2002 | |
| $Mh_N$ mm / $Mh_A$ | mm | 229 | | 134 | 95 | 230 | |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2002 | Kalenderjahr 2002 | 1955/2002 48 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 19.2 | 19.2 | 29.0 | 11.9 | 3.60 |
| 363 | 16.3 | 16.3 | 20.4 | 9.95 | 3.53 |
| 362 | 14.6 | 14.6 | 17.0 | 9.14 | 3.35 |
| 361 | 12.4 | 12.4 | 16.1 | 8.46 | 3.30 |
| 360 | 12.1 | 12.1 | 15.3 | 8.04 | 3.18 |
| 359 | 10.4 | 11.8 | 14.2 | 7.55 | 3.18 |
| 358 | 10.4 | 11.1 | 13.2 | 7.28 | 3.18 |
| 357 | 10.4 | 10.4 | 11.7 | 7.08 | 3.14 |
| 356 | 10.1 | 10.4 | 11.6 | 6.84 | 3.13 |
| 350 | 8.32 | 9.47 | 9.89 | 5.98 | 3.01 |
| 340 | 7.04 | 8.00 | 8.34 | 5.28 | 2.78 |
| 330 | 6.43 | 7.20 | 7.20 | 4.77 | 2.57 |
| 320 | 5.92 | 6.68 | 6.68 | 4.44 | 2.46 |
| 300 | 5.40 | 6.00 | 6.00 | 3.94 | 2.32 |
| 270 | 4.39 | 5.50 | 5.50 | 3.47 | 2.13 |
| 240 | 3.87 | 4.63 | 4.78 | 3.15 | 1.86 |
| 210 | 3.52 | 4.05 | 4.27 | 2.91 | 1.79 |
| 183 | 3.32 | 3.66 | 4.07 | 2.73 | 1.55 |
| 150 | 3.02 | 3.36 | 3.88 | 2.52 | 1.43 |
| 130 | 2.94 | 3.11 | 3.56 | 2.41 | 1.25 |
| 120 | 2.88 | 3.02 | 3.51 | 2.35 | 1.25 |
| 110 | 2.83 | 2.97 | 3.39 | 2.31 | 1.25 |
| 100 | 2.80 | 2.92 | 3.33 | 2.27 | 1.19 |
| 90 | 2.77 | 2.86 | 3.25 | 2.22 | 1.19 |
| 80 | 2.72 | 2.80 | 3.15 | 2.16 | 1.19 |
| 70 | 2.66 | 2.76 | 3.05 | 2.11 | 1.19 |
| 60 | 2.62 | 2.72 | 2.98 | 2.06 | 1.19 |
| 50 | 2.57 | 2.65 | 2.93 | 1.99 | 1.19 |
| 40 | 2.54 | 2.60 | 2.88 | 1.91 | 1.09 |
| 30 | 2.47 | 2.54 | 2.82 | 1.81 | 1.09 |
| 25 | 2.44 | 2.53 | 2.80 | 1.76 | 1.09 |
| 20 | 2.41 | 2.50 | 2.76 | 1.69 | 1.09 |
| 15 | 2.38 | 2.45 | 2.75 | 1.61 | 1.09 |
| 10 | 2.30 | 2.43 | 2.72 | 1.49 | 1.09 |
| 9 | 2.29 | 2.43 | 2.72 | 1.47 | 1.04 |
| 8 | 2.26 | 2.42 | 2.70 | 1.44 | 1.04 |
| 7 | 2.26 | 2.41 | 2.70 | 1.39 | 0.990 |
| 6 | 2.22 | 2.40 | 2.69 | 1.35 | 0.990 |
| 5 | 2.12 | 2.39 | 2.69 | 1.32 | 0.990 |
| 4 | 1.98 | 2.38 | 2.68 | 1.26 | 0.990 |
| 3 | 1.96 | 2.38 | 2.68 | 1.20 | 0.923 |
| 2 | 1.95 | 2.34 | 2.63 | 1.16 | 0.914 |
| 1 | 1.89 | 2.30 | 2.63 | 1.06 | 0.900 |
| 0 | 1.81 | 2.29 | 2.62 | 0.700 | 0.700 |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.7 | 51.1 | | 21.03.2002 |
| 8 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 9 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 10 | | | | 18.9 | 44.6 | | 22.12.1991 |

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

Bayer. Landesamt für Wasserwirtschaft

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

# Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 2000 Nov | 2000 Dez | 2001 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.36 | 2.23 | 2.29 | 2.91 | 2.99 | 5.94 | 3.92 | 2.61 | 2.22 | 2.06 | 1.99 | 2.60 | 2.12 | 5.60 |
| 2. | 2.25 | 2.24 | 2.33 | 2.74 | 2.91 | 5.57 | 3.72 | 2.77 | 2.48 | 1.97 | 2.00 | 2.69 | 1.95 | 5.57 |
| 3. | 2.09 | 2.24 | 2.66 | 2.78 | 2.92 | 5.23 | 3.65 | 3.02 | 2.31 | 1.98 | 2.04 | 2.45 | 1.89 | 5.51 |
| 4. | 2.22 | 2.19 | 2.70 | 3.68 | 3.02 | 5.08 | 3.53 | 2.86 | 2.06 | 2.27 | 1.92 | 2.54 | 1.81 | 5.13 |
| 5. | 2.26 | 2.16 | 2.72 | 6.15 | 3.37 | 4.88 | 3.47 | 2.78 | 2.18 | 2.20 | 2.06 | 2.69 | 1.96 | 4.79 |
| 6. | 2.10 | 2.17 | 4.73 | 9.28 | 3.81 | 4.83 | 3.52 | 2.69 | 2.10 | 2.28 | 2.13 | 2.56 | 1.98 | 5.35 |
| 7. | 2.18 | 2.14 | 6.90 | 6.88 | 3.87 | 4.94 | 3.49 | 2.62 | 2.32 | 2.09 | 2.20 | 2.47 | 2.22 | 6.44 |
| 8. | 2.17 | 2.15 | 5.98 | 5.21 | 3.85 | 4.82 | 3.33 | 2.64 | 2.89 | 2.08 | 2.36 | 2.38 | 3.21 | 6.20 |
| 9. | 2.12 | 2.11 | 5.20 | 4.72 | 4.33 | 4.63 | 3.26 | 3.01 | 2.52 | 2.10 | 2.61 | 2.44 | 3.68 | 5.36 |
| 10. | 2.09 | 2.17 | 4.72 | 4.33 | 4.71 | 4.48 | 3.18 | 2.82 | 2.29 | 2.08 | 2.75 | 2.30 | 3.34 | 4.75 |
| 11. | 2.00 | 2.82 | 4.47 | 3.96 | 4.67 | 4.43 | 3.04 | 3.15 | 2.28 | 2.02 | 2.56 | 2.26 | 2.91 | 4.41 |
| 12. | 2.06 | 3.07 | 4.07 | 3.77 | 4.98 | 4.12 | 3.06 | 2.91 | 2.15 | 2.04 | 2.60 | 2.25 | 2.81 | 4.19 |
| 13. | 2.08 | 2.84 | 3.68 | 3.68 | 5.80 | 3.96 | 2.96 | 2.72 | 2.24 | 1.91 | 2.70 | 2.17 | 2.80 | 3.91 |
| 14. | 2.06 | 2.59 | 3.46 | 3.54 | 6.26 | 3.85 | 2.91 | 2.54 | 2.26 | 1.91 | 3.05 | 2.17 | 2.79 | 3.63 |
| 15. | 2.14 | 2.62 | 3.20 | 3.39 | 6.52 | 3.96 | 3.18 | 2.69 | 2.24 | 1.91 | 3.11 | 2.16 | 2.54 | 3.37 |
| 16. | 2.14 | 2.67 | 3.12 | 3.26 | 7.88 | 4.56 | 3.50 | 2.95 | 2.91 | 1.90 | 2.98 | 2.14 | 2.48 | 3.17 |
| 17. | 2.09 | 2.66 | 3.01 | 3.34 | 7.52 | 4.49 | 3.17 | 2.91 | 3.19 | 2.01 | 2.96 | 2.20 | 2.39 | 3.09 |
| 18. | 2.17 | 2.62 | 2.87 | 3.17 | 7.27 | 4.33 | 3.58 | 2.87 | 2.49 | 2.03 | 2.99 | 2.09 | 2.39 | 3.04 |
| 19. | 2.11 | 2.65 | 2.82 | 3.06 | 6.67 | 4.26 | 3.88 | 2.89 | 2.40 | 2.06 | 2.83 | 2.29 | 2.31 | 2.94 |
| 20. | 2.15 | 2.66 | 2.72 | 2.97 | 5.88 | 4.15 | 3.49 | 2.70 | 2.34 | 1.93 | 2.88 | 1.83 | 2.35 | 2.92 |
| 21. | 2.16 | 2.51 | 2.71 | 3.00 | 6.23 | 4.49 | 3.16 | 2.60 | 2.28 | 1.92 | 3.50 | 2.10 | 2.26 | 2.82 |
| 22. | 2.18 | 2.51 | 2.69 | 3.41 | 8.36 | 5.56 | 3.09 | 2.50 | 2.24 | 2.02 | 3.55 | 2.07 | 2.26 | 2.81 |
| 23. | 2.16 | 2.42 | 2.70 | 3.65 | 10.5 | 5.92 | 3.00 | 2.48 | 2.20 | 1.97 | 3.22 | 2.10 | 3.12 | 2.79 |
| 24. | 2.02 | 2.42 | 2.82 | 3.55 | 11.3 | 5.56 | 2.96 | 2.48 | 2.05 | 1.97 | 3.06 | 2.16 | 3.38 | 2.61 |
| 25. | 2.22 | 2.37 | 3.06 | 3.33 | 10.6 | 5.06 | 2.86 | 2.45 | 2.06 | 1.86 | 2.78 | 2.08 | 3.18 | 2.71 |
| 26. | 2.11 | 2.41 | 5.03 | 3.20 | 9.71 | 4.82 | 2.84 | 2.31 | 2.07 | 1.76 | 2.69 | 2.14 | 3.57 | 2.81 |
| 27. | 2.22 | 2.39 | 5.31 | 3.11 | 9.64 | 4.66 | 2.72 | 2.26 | 2.02 | 1.89 | 2.74 | 2.07 | 5.70 | 2.66 |
| 28. | 2.29 | 2.37 | 3.82 | 3.08 | 8.25 | 4.38 | 2.74 | 2.25 | 2.03 | 1.88 | 2.42 | 1.99 | 6.68 | 2.65 |
| 29. | 2.31 | 2.29 | 3.37 | | 7.40 | 4.27 | 2.72 | 2.29 | 1.98 | 1.85 | 2.40 | 1.95 | 5.92 | 3.31 |
| 30. | 2.38 | 2.36 | 3.10 | | 7.10 | 4.14 | 2.68 | 2.27 | 1.94 | 1.84 | 2.44 | 1.90 | 5.72 | 3.45 |
| 31. | | 2.30 | 2.98 | | 6.58 | | 2.63 | | 2.02 | 1.82 | | 1.85 | | 3.02 |

## Hauptwerte

| | 2000 Nov | 2000 Dez | 2001 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 11. | 9. | 1. | 2. | 2. | 14. | 31. | 28. | 30. | 26. | 4. | 20. | 4. | 24. |
| NQ | 2.00 | 2.11 | 2.29 | 2.74 | 2.91 | 3.85 | 2.63 | 2.25 | 1.94 | 1.76 | 1.92 | 1.83 | 1.81 | 2.61 |
| MQ | 2.16 | 2.43 | 3.59 | 3.90 | 6.29 | 4.71 | 3.20 | 2.67 | 2.28 | 1.99 | 2.65 | 2.23 | 3.06 | 3.90 |
| HQ | 3.36 | 3.65 | 7.33 | 10.9 | 12.2 | 6.22 | 4.13 | 3.58 | 3.54 | 3.14 | 3.91 | 4.74 | 7.08 | 6.74 |
| Tag | 18. | 12. | 7. | 6. | 24. | 1. | 1. | 5. | 17. | 6. | 20. | 19. | 27. | 7. |
| $h_N$ mm / $h_A$ mm | 13 | 15 | 23 | 22 | 40 | 29 | 20 | 16 | 14 | 12 | 16 | 14 | 19 | 25 |

| | 1954/2000 | | 1955/2001 (47 Jahre) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.21 | 2.30 | 2.58 | 2.75 | 2.94 | 3.00 | 2.57 | 2.28 | 2.09 | 2.03 | 1.96 | 1.95 | 2.20 | 2.31 |
| MQ | 2.72 | 3.33 | 3.60 | 3.92 | 4.17 | 3.62 | 3.06 | 2.77 | 2.53 | 2.35 | 2.27 | 2.46 | 2.73 | 3.34 |
| MHQ | 4.55 | 7.15 | 7.37 | 8.27 | 8.61 | 5.41 | 4.99 | 4.98 | 4.47 | 4.38 | 4.07 | 4.84 | 4.62 | 7.12 |
| HQ | 13.5 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.5 | 23.6 |
| Jahr | 1998 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 1998 | 1993 |

| | 1954/2000 | | 1955/2001 (47 Jahre) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 22 | 26 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 2001 Jahr | Datum | Winter | Sommer | Kalenderjahr 2001 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.76 | am 26.08.2001 | 2.00 | 1.76 | 1.76 | am 26.08.2001 |
| MQ m³/s | 3.17 | | 3.85 | 2.50 | 3.37 | |
| HQ m³/s | 12.2 | am 24.03.2001 bei W= 170 cm | 12.2 | 4.74 | 12.2 | am 24.03.2001 bei W= 170 cm |
| Nq l/(s km²) | 4.15 | | 4.71 | 4.15 | 4.15 | |
| Mq l/(s km²) | 7.48 | | 9.08 | 5.90 | 7.95 | |
| Hq l/(s km²) | 28.7 | | 28.7 | 11.2 | 28.7 | |
| $h_N$ mm / $h_A$ mm | 236 | | 144 | 92 | 236 | |
| | 1955/2001 (*) 47 Jahre | | | | 1955/2001 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.69 | | 2.01 | 1.78 | 1.73 | |
| MQ m³/s | 3.06 | | 3.56 | 2.57 | 3.06 | |
| MHQ m³/s | 14.3 | | 13.7 | 7.16 | 14.2 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.0 | | 9.60 | 6.33 | 10.0 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 3.99 | | 4.74 | 4.21 | 4.08 | |
| Mq l/(s km²) | 7.22 | | 8.39 | 6.07 | 7.23 | |
| MHq l/(s km²) | 33.8 | | 32.4 | 16.9 | 33.4 | |
| | 1955/2001 (*) 47 Jahre | | | | 1955/2001 | |
| $Mh_N$ mm / $Mh_A$ mm | 228 | | 134 | 95 | 228 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 8 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 9 | | | | 18.9 | 44.6 | | 22.12.1991 |
| 10 | | | | 18.4 | 43.4 | | 30.10.1998 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2001 | Kalenderjahr 2001 | 1955/2001 47 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 11.3 | 11.3 | 29.0 | 11.7 | 3.60 |
| 363 | 10.6 | 10.6 | 20.4 | 9.67 | 3.53 |
| 362 | 10.5 | 10.5 | 17.0 | 8.91 | 3.35 |
| 361 | 9.71 | 9.71 | 16.1 | 8.30 | 3.30 |
| 360 | 9.64 | 9.64 | 15.3 | 7.81 | 3.18 |
| 359 | 9.28 | 9.28 | 14.2 | 7.38 | 3.18 |
| 358 | 8.36 | 8.36 | 13.2 | 7.15 | 3.18 |
| 357 | 8.25 | 8.25 | 11.7 | 6.91 | 3.14 |
| 356 | 7.88 | 7.88 | 11.6 | 6.72 | 3.13 |
| 350 | 6.88 | 6.88 | 9.89 | 5.88 | 3.01 |
| 340 | 5.88 | 5.98 | 8.34 | 5.16 | 2.78 |
| 330 | 5.06 | 5.57 | 7.08 | 4.71 | 2.57 |
| 320 | 4.72 | 5.13 | 6.46 | 4.38 | 2.46 |
| 300 | 4.07 | 4.49 | 5.79 | 3.90 | 2.32 |
| 270 | 3.41 | 3.68 | 5.20 | 3.44 | 2.13 |
| 240 | 3.05 | 3.33 | 4.78 | 3.13 | 1.86 |
| 210 | 2.86 | 3.04 | 4.27 | 2.88 | 1.79 |
| 183 | 2.69 | 2.91 | 4.07 | 2.71 | 1.55 |
| 150 | 2.48 | 2.71 | 3.88 | 2.50 | 1.43 |
| 130 | 2.34 | 2.61 | 3.56 | 2.39 | 1.25 |
| 120 | 2.29 | 2.52 | 3.51 | 2.35 | 1.25 |
| 110 | 2.26 | 2.44 | 3.39 | 2.30 | 1.25 |
| 100 | 2.24 | 2.34 | 3.33 | 2.25 | 1.19 |
| 90 | 2.19 | 2.29 | 3.25 | 2.21 | 1.19 |
| 80 | 2.16 | 2.26 | 3.15 | 2.15 | 1.19 |
| 70 | 2.14 | 2.20 | 3.05 | 2.10 | 1.19 |
| 60 | 2.10 | 2.13 | 2.98 | 2.05 | 1.19 |
| 50 | 2.08 | 2.08 | 2.93 | 1.99 | 1.19 |
| 40 | 2.06 | 2.04 | 2.88 | 1.91 | 1.09 |
| 30 | 2.02 | 1.99 | 2.82 | 1.80 | 1.09 |
| 25 | 1.99 | 1.97 | 2.80 | 1.75 | 1.09 |
| 20 | 1.97 | 1.96 | 2.76 | 1.68 | 1.09 |
| 15 | 1.92 | 1.91 | 2.75 | 1.60 | 1.09 |
| 10 | 1.90 | 1.89 | 2.72 | 1.49 | 1.09 |
| 9 | 1.90 | 1.89 | 2.72 | 1.45 | 1.04 |
| 8 | 1.89 | 1.88 | 2.70 | 1.43 | 1.04 |
| 7 | 1.88 | 1.86 | 2.70 | 1.38 | 0.990 |
| 6 | 1.86 | 1.85 | 2.69 | 1.34 | 0.990 |
| 5 | 1.85 | 1.85 | 2.69 | 1.32 | 0.990 |
| 4 | 1.85 | 1.84 | 2.68 | 1.26 | 0.990 |
| 3 | 1.84 | 1.83 | 2.68 | 1.19 | 0.923 |
| 2 | 1.83 | 1.82 | 2.63 | 1.16 | 0.914 |
| 1 | 1.82 | 1.81 | 2.63 | 1.06 | 0.900 |
| 0 | 1.76 | 1.76 | 2.62 | 0.700 | 0.700 |

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

Bayer. Landesamt für Wasserwirtschaft

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 1999 Nov | 1999 Dez | 2000 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.31 | 2.14 | 3.97 | 8.78 | 4.79 | 6.75 | 3.52 | 3.05 | 2.35 | 3.20 | 2.27 | 2.17 | 2.36 | 2.23 |
| 2. | 2.20 | 2.28 | 3.84 | 7.32 | 4.51 | 6.97 | 3.49 | 2.79 | 2.40 | 2.52 | 2.24 | 2.37 | 2.25 | 2.24 |
| 3. | 2.11 | 2.63 | 3.80 | 6.41 | 4.15 | 7.49 | 3.48 | 2.70 | 2.59 | 2.54 | 2.25 | 2.42 | 2.09 | 2.24 |
| 4. | 2.09 | 2.63 | 3.48 | 5.60 | 4.69 | 7.85 | 3.48 | 2.68 | 2.36 | 2.59 | 2.39 | 2.27 | 2.22 | 2.19 |
| 5. | 2.04 | 2.91 | 3.72 | 5.01 | 4.78 | 7.94 | 3.43 | 2.66 | 2.53 | 2.51 | 2.34 | 2.22 | 2.26 | 2.15 |
| 6. | 2.14 | 2.73 | 4.84 | 4.75 | 4.49 | 6.87 | 3.43 | 2.69 | 2.38 | 2.64 | 2.28 | 2.30 | 2.10 | 2.17 |
| 7. | 2.15 | 2.59 | 4.90 | 4.44 | 4.35 | 6.01 | 3.38 | 2.67 | 2.44 | 3.14 | 2.66 | 2.78 | 2.18 | 2.14 |
| 8. | 2.23 | 2.77 | 4.59 | 4.38 | 4.60 | 5.68 | 3.22 | 2.64 | 3.12 | 3.23 | 2.66 | 2.78 | 2.17 | 2.15 |
| 9. | 2.44 | 2.73 | 4.40 | 5.66 | 5.55 | 5.10 | 3.55 | 2.62 | 2.56 | 2.97 | 2.52 | 2.70 | 2.12 | 2.11 |
| 10. | 3.11 | 2.72 | 4.37 | 5.37 | 5.34 | 4.96 | 3.50 | 2.57 | 2.80 | 2.64 | 2.36 | 2.38 | 2.09 | 2.17 |
| 11. | 3.46 | 2.61 | 4.16 | 5.16 | 5.29 | 4.72 | 3.18 | 2.52 | 2.83 | 2.48 | 2.29 | 2.48 | 2.00 | 2.82 |
| 12. | 2.95 | 2.82 | 3.98 | 5.09 | 5.58 | 4.93 | 3.16 | 2.52 | 2.53 | 2.45 | 2.23 | 2.61 | 2.06 | 3.07 |
| 13. | 2.64 | 2.90 | 3.91 | 4.93 | 5.34 | 4.97 | 3.38 | 2.48 | 2.43 | 2.37 | 2.30 | 2.47 | 2.08 | 2.84 |
| 14. | 2.49 | 2.94 | 3.70 | 5.18 | 5.22 | 4.81 | 3.06 | 3.05 | 2.52 | 2.32 | 2.35 | 2.32 | 2.06 | 2.59 |
| 15. | 2.48 | 3.30 | 3.55 | 5.12 | 6.70 | 4.60 | 2.96 | 2.58 | 2.66 | 2.34 | 2.23 | 2.24 | 2.14 | 2.62 |
| 16. | 2.48 | 3.45 | 3.34 | 5.08 | 7.28 | 4.37 | 2.96 | 2.59 | 2.58 | 2.25 | 2.26 | 2.34 | 2.14 | 2.67 |
| 17. | 2.36 | 3.10 | 3.26 | 4.89 | 7.45 | 4.14 | 2.86 | 2.47 | 2.44 | 2.27 | 2.36 | 2.27 | 2.09 | 2.66 |
| 18. | 2.36 | 3.22 | 3.78 | 4.70 | 7.52 | 4.25 | 3.04 | 2.41 | 2.36 | 2.41 | e 2.36 | 2.35 | 2.17 | 2.62 |
| 19. | 2.29 | 3.61 | 4.51 | 5.03 | 7.06 | 4.28 | 3.06 | 2.44 | 2.33 | 2.32 | e 2.33 | 2.34 | 2.11 | 2.65 |
| 20. | 2.34 | 3.34 | 4.28 | 5.70 | 6.34 | 4.18 | 2.99 | 2.42 | 2.26 | 2.31 | e 2.20 | 2.32 | 2.15 | 2.66 |
| 21. | 2.23 | 3.11 | 3.97 | 5.55 | 5.88 | 3.96 | 3.04 | 2.38 | 2.24 | 2.29 | e 2.59 | 2.21 | 2.16 | 2.51 |
| 22. | 2.21 | 2.78 | 3.86 | 5.26 | 5.53 | 3.78 | 3.12 | 2.38 | 2.29 | 2.75 | e 2.44 | 2.26 | 2.18 | 2.51 |
| 23. | 2.16 | 2.76 | 3.69 | 5.02 | 5.18 | 3.78 | 3.17 | 2.45 | 2.20 | 2.57 | e 2.34 | 2.15 | 2.16 | 2.42 |
| 24. | 2.21 | 2.69 | 3.42 | 4.72 | 5.00 | 3.76 | 2.94 | 2.52 | 2.26 | 2.45 | e 2.27 | 2.07 | 2.02 | 2.42 |
| 25. | 2.36 | 2.67 | 3.15 | 4.66 | 5.32 | 3.87 | 2.89 | 2.49 | 2.22 | 2.27 | e 2.41 | 2.18 | 2.22 | 2.37 |
| 26. | 2.18 | 3.45 | 3.00 | 4.67 | 4.90 | 3.80 | 2.80 | 2.42 | 2.63 | 2.28 | e 2.12 | 2.22 | 2.11 | 2.41 |
| 27. | 2.20 | 6.89 | 2.94 | 4.43 | 4.67 | 3.64 | 2.97 | 2.47 | 2.36 | 2.28 | 2.18 | 2.32 | 2.22 | 2.39 |
| 28. | 2.20 | 7.10 | 2.88 | 4.35 | 4.49 | 3.68 | 2.84 | 2.41 | 2.44 | 2.38 | 2.18 | 2.38 | 2.29 | 2.37 |
| 29. | 2.19 | 5.63 | 2.98 | 4.27 | 4.41 | 3.58 | 2.93 | 2.37 | 2.49 | 2.30 | 2.18 | 2.33 | 2.31 | 2.29 |
| 30. | 2.24 | 4.80 | 7.00 | | 4.83 | 3.55 | 2.95 | 2.43 | 2.92 | 2.30 | 2.19 | 2.46 | 2.38 | 2.36 |
| 31. | | 4.27 | 10.4 | | 6.05 | | 3.16 | | 3.24 | 2.28 | | 2.30 | | 2.30 |

## Hauptwerte

| | 1999 Nov | 1999 Dez | 2000 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 5. | 1. | 28. | 29. | 3. | 30. | 26. | 29. | 23. | 16. | 26. | 24. | 11. | 9. |
| NQ | 2.04 | 2.14 | 2.88 | 4.27 | 4.15 | 3.55 | 2.80 | 2.37 | 2.20 | 2.25 | 2.12 | 2.07 | 2.00 | 2.11 |
| MQ | 2.36 | 3.34 | 4.12 | 5.22 | 5.40 | 4.94 | 3.16 | 2.56 | 2.51 | 2.50 | 2.33 | 2.36 | 2.16 | 2.43 |
| HQ | 3.72 | 7.84 | 11.2 | 10.3 | 8.03 | 9.11 | 4.25 | 4.30 | 3.72 | 4.29 | 3.66 | 4.26 | 3.36 | 3.65 |
| Tag | 10. | 27. | 30. | 1. | 17. | 5. | 4. | 14. | 3. | 7. | 14. | 6. | 18. | 12. |
| $h_N$ mm / $h_A$ mm | 14 | 21 | 26 | 31 | 34 | 30 | 20 | 16 | 16 | 16 | 14 | 15 | 13 | 15 |
| | 1954/1999 | | 1955/2000 46 Jahre | | | | | | | | | | | |
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.21 | 2.31 | 2.58 | 2.75 | 2.94 | 2.99 | 2.57 | 2.28 | 2.09 | 2.03 | 1.96 | 1.95 | 2.21 | 2.30 |
| MQ | 2.73 | 3.35 | 3.60 | 3.92 | 4.12 | 3.60 | 3.06 | 2.77 | 2.53 | 2.35 | 2.26 | 2.46 | 2.72 | 3.33 |
| MHQ | 4.57 | 7.23 | 7.37 | 8.21 | 8.53 | 5.40 | 5.01 | 5.01 | 4.49 | 4.41 | 4.07 | 4.84 | 4.56 | 7.13 |
| HQ | 13.5 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.5 | 23.6 |
| Jahr | 1998 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 1998 | 1993 |
| | 1954/1999 | | 1955/2000 46 Jahre | | | | | | | | | | | |
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 23 | 26 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 2000 Jahr | Datum | Winter | Sommer | Kalenderjahr 2000 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 2.04 | am 05.11.1999 | 2.04 | 2.07 | 2.00 | am 11.11.2000 |
| MQ m³/s | 3.39 | | 4.23 | 2.57 | 3.30 | |
| HQ m³/s | 11.2 | am 30.01.2000 bei W= 162 cm | 11.2 | 4.30 | 11.2 | am 30.01.2000 bei W= 162 cm |
| Nq l/(s km²) | 4.82 | | 4.82 | 4.88 | 4.71 | |
| Mq l/(s km²) | 8.01 | | 9.97 | 6.06 | 7.79 | |
| Hq l/(s km²) | 26.3 | | 26.3 | 10.1 | 26.3 | |
| $h_N$ mm / $h_A$ mm | 252 | | 159 | 95 | 253 | |
| | 1955/2000 (*) 46 Jahre | | | | 1955/2000 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.69 | | 2.01 | 1.78 | 1.73 | |
| MQ m³/s | 3.06 | | 3.55 | 2.57 | 3.06 | |
| MHQ m³/s | 14.4 | | 13.8 | 7.22 | 14.2 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.0 | | 9.60 | 6.35 | 10.0 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 3.98 | | 4.74 | 4.21 | 4.08 | |
| Mq l/(s km²) | 7.22 | | 8.38 | 6.07 | 7.21 | |
| MHq l/(s km²) | 33.9 | | 32.5 | 17.0 | 33.5 | |
| | 1955/2000 (*) 46 Jahre | | | | 1955/2000 | |
| $Mh_N$ mm / $Mh_A$ mm | 228 | | 133 | 95 | 228 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 8 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 9 | | | | 18.9 | 44.6 | | 22.12.1991 |
| 10 | | | | 18.4 | 43.4 | | 30.10.1998 |

## Dauertabelle

Unterschrittene Abflüsse m³/s

| Unterschreitungsdauer in Tagen | Abflussjahr (*) 2000 | Kalenderjahr 2000 | 1955/2000 46 Kalenderjahre Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 8.78 | 8.78 | 29.0 | 11.7 | 3.60 |
| 363 | 7.94 | 7.94 | 20.4 | 9.66 | 3.53 |
| 362 | 7.85 | 7.85 | 17.0 | 8.86 | 3.35 |
| 361 | 7.52 | 7.52 | 16.1 | 8.25 | 3.30 |
| 360 | 7.49 | 7.49 | 15.3 | 7.72 | 3.18 |
| 359 | 7.45 | 7.45 | 14.2 | 7.36 | 3.18 |
| 358 | 7.32 | 7.32 | 13.2 | 7.11 | 3.18 |
| 357 | 7.28 | 7.28 | 11.7 | 6.89 | 3.14 |
| 356 | 7.10 | 7.06 | 11.6 | 6.71 | 3.13 |
| 350 | 6.75 | 6.41 | 9.89 | 5.84 | 3.01 |
| 340 | 5.63 | 5.55 | 8.34 | 5.15 | 2.78 |
| 330 | 5.29 | 5.18 | 7.08 | 4.68 | 2.57 |
| 320 | 5.03 | 5.00 | 6.46 | 4.35 | 2.46 |
| 300 | 4.70 | 4.66 | 5.79 | 3.89 | 2.32 |
| 270 | 3.98 | 3.87 | 5.20 | 3.43 | 2.13 |
| 240 | 3.46 | 3.26 | 4.78 | 3.13 | 1.86 |
| 210 | 3.06 | 2.93 | 4.27 | 2.88 | 1.79 |
| 183 | 2.80 | 2.65 | 4.07 | 2.71 | 1.55 |
| 150 | 2.59 | 2.48 | 3.88 | 2.49 | 1.43 |
| 130 | 2.49 | 2.42 | 3.56 | 2.39 | 1.25 |
| 120 | 2.46 | 2.38 | 3.51 | 2.35 | 1.25 |
| 110 | 2.43 | 2.37 | 3.39 | 2.30 | 1.25 |
| 100 | 2.39 | 2.35 | 3.33 | 2.25 | 1.19 |
| 90 | 2.36 | 2.33 | 3.25 | 2.21 | 1.19 |
| 80 | 2.35 | 2.30 | 3.15 | 2.15 | 1.19 |
| 70 | 2.33 | 2.28 | 3.05 | 2.10 | 1.19 |
| 60 | 2.30 | 2.26 | 2.98 | 2.05 | 1.19 |
| 50 | 2.28 | 2.24 | 2.93 | 1.99 | 1.19 |
| 40 | 2.26 | 2.22 | 2.88 | 1.90 | 1.09 |
| 30 | 2.23 | 2.18 | 2.82 | 1.80 | 1.09 |
| 25 | 2.21 | 2.17 | 2.80 | 1.74 | 1.09 |
| 20 | 2.20 | 2.16 | 2.76 | 1.68 | 1.09 |
| 15 | 2.18 | 2.14 | 2.75 | 1.59 | 1.09 |
| 10 | 2.17 | 2.11 | 2.72 | 1.48 | 1.09 |
| 9 | 2.16 | 2.10 | 2.72 | 1.44 | 1.04 |
| 8 | 2.15 | 2.09 | 2.70 | 1.41 | 1.04 |
| 7 | 2.15 | 2.09 | 2.70 | 1.38 | 0.990 |
| 6 | 2.14 | 2.09 | 2.69 | 1.34 | 0.990 |
| 5 | 2.14 | 2.08 | 2.69 | 1.32 | 0.990 |
| 4 | 2.12 | 2.07 | 2.68 | 1.26 | 0.990 |
| 3 | 2.11 | 2.06 | 2.68 | 1.17 | 0.923 |
| 2 | 2.09 | 2.06 | 2.63 | 1.14 | 0.914 |
| 1 | 2.07 | 2.02 | 2.63 | 1.06 | 0.900 |
| 0 | 2.04 | 2.00 | 2.62 | 0.700 | 0.700 |

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

Bayer. Landesamt für Wasserwirtschaft

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 1998 Nov | 1998 Dez | 1999 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 12.2 | 3.06 | 2.74 | 3.08 | 5.70 | 3.71 | 3.44 | 3.17 | 2.77 | 2.28 | 2.26 | 2.48 | 2.31 | 2.14 |
| 2. | 12.2 | 3.02 | 2.74 | 3.01 | 6.37 | 3.68 | 3.54 | 3.13 | 2.64 | 2.29 | 2.19 | 2.30 | 2.20 | 2.28 |
| 3. | 11.1 | 2.93 | 2.61 | 2.90 | 7.17 | 3.55 | 3.52 | 4.65 | 2.49 | 2.34 | 2.13 | 2.22 | 2.11 | 2.63 |
| 4. | 9.75 | 2.90 | 2.93 | 3.03 | e 7.02 | 3.55 | 3.37 | 4.22 | 2.46 | 2.28 | 2.14 | 2.54 | 2.09 | 2.63 |
| 5. | 8.69 | 2.86 | 3.02 | 4.94 | 6.76 | 3.66 | 3.25 | 3.75 | 2.39 | 2.34 | 2.14 | 2.62 | 2.04 | 2.91 |
| 6. | 7.83 | 2.78 | 2.76 | 6.86 | 6.35 | 3.60 | 3.37 | 3.36 | 3.28 | 2.26 | 2.19 | 2.25 | 2.14 | 2.73 |
| 7. | 6.70 | 2.74 | 2.78 | 5.97 | e 6.03 | 3.93 | 3.36 | 3.40 | 2.96 | 2.26 | 2.20 | 2.32 | 2.15 | 2.59 |
| 8. | 5.94 | 2.67 | 3.33 | 5.25 | e 5.53 | 3.88 | 3.39 | 3.46 | 2.72 | 2.37 | 2.13 | 2.14 | 2.23 | 2.77 |
| 9. | 6.40 | 2.58 | 4.70 | 4.61 | 5.82 | 3.57 | 3.93 | 3.44 | 2.57 | 2.42 | 2.13 | 2.22 | 2.44 | 2.73 |
| 10. | 7.99 | 2.51 | 4.30 | 4.22 | 6.74 | 3.46 | 3.46 | 3.17 | 3.35 | 2.72 | 2.06 | 2.25 | 3.11 | 2.72 |
| 11. | 9.15 | 2.52 | 3.98 | 3.93 | 7.04 | 3.34 | e 3.26 | 3.14 | 3.34 | 2.49 | 2.08 | 2.21 | 3.46 | 2.61 |
| 12. | 8.40 | 2.53 | 3.65 | 3.62 | 6.72 | 3.53 | e 3.44 | 3.07 | 2.80 | 2.48 | 2.01 | 2.24 | 2.95 | 2.82 |
| 13. | 7.17 | 2.84 | 3.45 | 3.38 | 6.16 | 3.36 | e 4.02 | 2.99 | 3.29 | 2.30 | 2.00 | 2.12 | 2.64 | 2.90 |
| 14. | 6.28 | 4.59 | 3.34 | 3.41 | 5.81 | 3.46 | e 3.72 | 3.01 | 4.33 | 2.24 | 1.98 | 2.06 | 2.49 | 2.94 |
| 15. | 6.22 | 5.61 | 3.34 | 3.28 | e 5.53 | 3.37 | e 3.53 | 2.95 | 3.87 | 2.21 | 2.00 | 2.12 | 2.48 | 3.30 |
| 16. | 6.19 | 5.45 | 3.28 | 3.24 | 5.18 | 3.41 | e 3.31 | 2.89 | 3.35 | 2.34 | 2.12 | 2.04 | 2.48 | 3.45 |
| 17. | 5.77 | 4.84 | 3.09 | 3.13 | 4.93 | 3.81 | 3.00 | 2.76 | 3.08 | 2.41 | 2.13 | 2.04 | 2.36 | 3.10 |
| 18. | 5.34 | e 4.38 | 3.04 | 3.09 | 4.83 | 3.73 | 2.99 | 3.01 | 2.84 | 2.28 | 2.11 | 2.18 | 2.36 | 3.22 |
| 19. | 5.12 | e 4.08 | 2.92 | 3.23 | 4.72 | 3.60 | 2.88 | 3.03 | 2.91 | 2.48 | 2.10 | 2.12 | 2.29 | 3.61 |
| 20. | 4.86 | 3.92 | 2.89 | 7.11 | 4.59 | 3.69 | 2.98 | 2.85 | 2.73 | 2.42 | 2.12 | 2.12 | 2.34 | 3.34 |
| 21. | 4.52 | 3.70 | 2.79 | 11.9 | 4.39 | 3.79 | 4.25 | 3.03 | 2.68 | 2.27 | 2.36 | 2.12 | 2.23 | 3.11 |
| 22. | 4.25 | 3.42 | 2.76 | 12.5 | 4.49 | 3.89 | 5.58 | 3.09 | 2.74 | 2.13 | 2.21 | 2.12 | 2.21 | 2.78 |
| 23. | 4.16 | 3.22 | 2.72 | 11.3 | 4.50 | 3.73 | 5.51 | 2.76 | 2.61 | 2.15 | 2.17 | 2.04 | 2.16 | 2.76 |
| 24. | 3.98 | 3.08 | 2.67 | 8.98 | 4.66 | 3.62 | 4.78 | 2.71 | 2.67 | 2.16 | 2.16 | 2.04 | 2.21 | 2.69 |
| 25. | 3.80 | 3.01 | 2.64 | 7.33 | 4.42 | 3.56 | 4.32 | 2.62 | 2.54 | 2.04 | 2.14 | 2.14 | 2.36 | 2.67 |
| 26. | 3.67 | 2.92 | 2.75 | 6.46 | 4.17 | 3.64 | 4.07 | 2.60 | 2.56 | 2.15 | 2.23 | 2.26 | 2.18 | 3.45 |
| 27. | 3.57 | 2.95 | 3.35 | 6.06 | 4.07 | 3.56 | 4.02 | 2.67 | 2.44 | 2.12 | 2.36 | 2.05 | 2.20 | 6.89 |
| 28. | 3.50 | 3.00 | 3.44 | 5.72 | 4.00 | 3.52 | 3.85 | 2.71 | 2.37 | 2.42 | 2.40 | 2.15 | 2.20 | 7.10 |
| 29. | 3.33 | 2.92 | 3.21 | | 4.04 | 3.49 | 3.65 | 2.69 | 2.44 | 2.62 | 2.22 | 2.06 | 2.19 | 5.63 |
| 30. | 3.39 | 2.79 | 2.96 | | 3.90 | 3.48 | 3.41 | 2.56 | 2.35 | 2.48 | 2.36 | 2.05 | 2.24 | 4.80 |
| 31. | | 2.78 | 2.77 | | 3.80 | | 3.35 | | 2.36 | 2.13 | | 1.98 | | 4.27 |

## Hauptwerte

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 29. | 10. | 3. | 3. | 31. | 11. | 19. | 30. | 30. | 25. | 14. | 31. | 5. | 1. |
| NQ | 3.33 | 2.51 | 2.61 | 2.90 | 3.80 | 3.34 | 2.88 | 2.56 | 2.35 | 2.04 | 1.98 | 1.98 | 2.04 | 2.14 |
| MQ | 6.38 | 3.31 | 3.13 | 5.41 | 5.34 | 3.60 | 3.69 | 3.10 | 2.84 | 2.32 | 2.16 | 2.18 | 2.36 | 3.34 |
| HQ | 13.5 | 5.79 | 5.32 | 15.4 | 7.54 | 4.31 | 6.06 | 5.47 | 7.84 | 4.30 | 3.54 | 3.89 | 3.72 | 7.84 |
| Tag | 1. | 15. | 9. | 21. | 3. | 8. | 22. | 3. | 13. | 30. | 17. | 25. | 10. | 27. |
| $h_N$ mm / $h_A$ mm | 39 | 21 | 20 | 31 | 34 | 22 | 23 | 19 | 18 | 15 | 13 | 14 | 14 | 21 |

| | 1954/1998 | | 1955/1999 | | | | | | 45 Jahre | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.22 | 2.31 | 2.58 | 2.72 | 2.92 | 2.97 | 2.56 | 2.27 | 2.09 | 2.03 | 1.96 | 1.95 | 2.21 | 2.31 |
| MQ | 2.74 | 3.35 | 3.59 | 3.90 | 4.09 | 3.57 | 3.06 | 2.77 | 2.53 | 2.35 | 2.26 | 2.47 | 2.73 | 3.35 |
| MHQ | 4.59 | 7.21 | 7.28 | 8.16 | 8.54 | 5.31 | 5.02 | 5.03 | 4.51 | 4.41 | 4.08 | 4.85 | 4.59 | 7.21 |
| HQ | 13.5 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.5 | 23.6 |
| Jahr | 1998 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 1998 | 1993 |
| $Mh_N$ mm / $Mh_A$ mm | 17 | 21 | 23 | 22 | 26 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 1999 Jahr | Datum | Winter | Sommer | Kalenderjahr 1999 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 1.98 | am 31.10.1999 | 2.51 | 1.98 | 1.98 | am 31.10.1999 |
| MQ m³/s | 3.60 | | 4.51 | 2.72 | 3.28 | |
| HQ m³/s | 15.4 | am 21.02.1999 bei W= 190 cm | 15.4 | 7.84 | 15.4 | am 21.02.1999 bei W= 190 cm |
| Nq l/(s km²) | 4.66 | | 5.92 | 4.66 | 4.66 | |
| Mq l/(s km²) | 8.50 | | 10.6 | 6.41 | 7.73 | |
| Hq l/(s km²) | 36.4 | | 36.4 | 18.5 | 36.4 | |
| $h_N$ mm / $h_A$ mm | 268 | | 169 | 100 | 268 | |
| | 1955/1999 (*) 45 Jahre | | | | 1955/1999 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.68 | | 2.01 | 1.78 | 1.72 | |
| MQ m³/s | 3.05 | | 3.54 | 2.58 | 3.05 | |
| MHQ m³/s | 14.4 | | 13.8 | 7.28 | 14.3 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 10.0 | | 9.60 | 6.38 | 10.0 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 3.96 | | 4.74 | 4.19 | 4.07 | |
| Mq l/(s km²) | 7.20 | | 8.34 | 6.07 | 7.20 | |
| MHq l/(s km²) | 34.0 | | 32.6 | 17.2 | 33.7 | |
| | 1955/1999 (*) 45 Jahre | | | | 1955/1999 | |
| $Mh_N$ mm / $Mh_A$ mm | 227 | | 133 | 95 | 227 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 8 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 9 | | | | 18.9 | 44.6 | | 22.12.1991 |
| 10 | | | | 18.4 | 43.4 | | 30.10.1998 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 1999 | Kalenderjahr 1999 | 1955/1999 Obere Hüllwerte | 45 Kalenderjahre Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 12.5 | 12.5 | 29.0 | 11.7 | 3.60 |
| 363 | 12.2 | 11.9 | 20.4 | 9.67 | 3.53 |
| 362 | 12.2 | 11.3 | 17.0 | 8.91 | 3.35 |
| 361 | 11.9 | 8.98 | 16.1 | 8.30 | 3.30 |
| 360 | 11.3 | 7.33 | 15.3 | 7.76 | 3.18 |
| 359 | 11.1 | 7.17 | 14.2 | 7.36 | 3.18 |
| 358 | 9.75 | 7.11 | 13.2 | 7.11 | 3.18 |
| 357 | 9.15 | 7.10 | 11.7 | 6.85 | 3.14 |
| 356 | 8.98 | 7.04 | 11.6 | 6.68 | 3.13 |
| 350 | 7.17 | 6.72 | 9.89 | 5.83 | 3.01 |
| 340 | 6.46 | 5.72 | 8.34 | 5.13 | 2.78 |
| 330 | 5.97 | 4.93 | 7.08 | 4.66 | 2.57 |
| 320 | 5.53 | 4.50 | 6.46 | 4.35 | 2.46 |
| 300 | 4.52 | 3.93 | 5.79 | 3.87 | 2.32 |
| 270 | 3.88 | 3.55 | 5.20 | 3.43 | 2.13 |
| 240 | 3.54 | 3.36 | 4.78 | 3.13 | 1.86 |
| 210 | 3.36 | 3.11 | 4.27 | 2.88 | 1.79 |
| 183 | 3.09 | 2.91 | 4.07 | 2.71 | 1.55 |
| 150 | 2.90 | 2.71 | 3.88 | 2.49 | 1.43 |
| 130 | 2.76 | 2.60 | 3.56 | 2.39 | 1.25 |
| 120 | 2.71 | 2.48 | 3.51 | 2.34 | 1.25 |
| 110 | 2.62 | 2.44 | 3.39 | 2.30 | 1.25 |
| 100 | 2.54 | 2.36 | 3.33 | 2.24 | 1.19 |
| 90 | 2.48 | 2.32 | 3.25 | 2.21 | 1.19 |
| 80 | 2.37 | 2.27 | 3.15 | 2.14 | 1.19 |
| 70 | 2.32 | 2.23 | 3.05 | 2.09 | 1.19 |
| 60 | 2.26 | 2.21 | 2.98 | 2.04 | 1.19 |
| 50 | 2.21 | 2.17 | 2.93 | 1.97 | 1.19 |
| 40 | 2.15 | 2.14 | 2.88 | 1.89 | 1.09 |
| 30 | 2.13 | 2.13 | 2.82 | 1.79 | 1.09 |
| 25 | 2.12 | 2.12 | 2.80 | 1.74 | 1.09 |
| 20 | 2.12 | 2.11 | 2.76 | 1.68 | 1.09 |
| 15 | 2.08 | 2.06 | 2.75 | 1.59 | 1.09 |
| 10 | 2.05 | 2.04 | 2.72 | 1.48 | 1.09 |
| 9 | 2.04 | 2.04 | 2.72 | 1.44 | 1.04 |
| 8 | 2.04 | 2.04 | 2.70 | 1.41 | 1.04 |
| 7 | 2.04 | 2.04 | 2.70 | 1.38 | 0.990 |
| 6 | 2.04 | 2.04 | 2.69 | 1.33 | 0.990 |
| 5 | 2.04 | 2.04 | 2.69 | 1.31 | 0.990 |
| 4 | 2.01 | 2.01 | 2.68 | 1.26 | 0.990 |
| 3 | 2.00 | 2.00 | 2.68 | 1.17 | 0.923 |
| 2 | 2.00 | 2.00 | 2.63 | 1.11 | 0.914 |
| 1 | 1.98 | 1.98 | 2.63 | 1.06 | 0.900 |
| 0 | 1.98 | 1.98 | 2.62 | 0.700 | 0.700 |

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

$A_{Eo}$ : 424 km²
PNP :NN + 371.65 m
Lage: 16.8 km

# Q
m³/s

Pegel : Deuerling Nr. 13926207
Gewässer : Schwarze Laber
Gebiet : Donau, Lech bis Naab

## Tageswerte

| Tag | 1997 Nov | 1997 Dez | 1998 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 1.77 | 2.03 | 3.14 | R 2.33 | 2.15 | 2.34 | 2.30 | 1.94 | 1.61 | 1.56 | 1.33 | 2.04 | 12.2 | 3.06 |
| 2. | 1.80 | 1.84 | 3.20 | R 2.19 | 2.23 | 2.38 | 2.31 | 1.78 | 1.58 | 1.47 | 1.29 | 2.21 | 12.2 | 3.02 |
| 3. | 1.76 | 1.84 | 3.27 | R 2.17 | 2.19 | 2.47 | 2.28 | 1.90 | 1.53 | 1.42 | 1.46 | 1.96 | 11.1 | 2.93 |
| 4. | 1.76 | 1.89 | 3.22 | R 2.25 | 2.09 | 2.57 | 2.31 | 1.76 | 1.49 | 1.45 | 1.47 | 1.67 | 9.75 | 2.90 |
| 5. | 1.74 | 1.92 | 3.22 | R 2.06 | 2.38 | 2.47 | 2.04 | 1.84 | 1.55 | 1.48 | 1.63 | 1.67 | 8.69 | 2.86 |
| 6. | 1.86 | 1.77 | 3.12 | R 2.12 | 2.36 | 2.37 | 2.34 | 1.67 | 1.44 | 1.39 | 1.66 | 1.42 | 7.83 | 2.78 |
| 7. | 1.71 | 1.78 | 3.21 | R 1.98 | 2.90 | 2.44 | 2.08 | 1.82 | 1.59 | 1.50 | 1.83 | 1.45 | 6.70 | 2.74 |
| 8. | 1.79 | 1.93 | 3.08 | R 2.02 | 3.99 | 2.32 | 2.02 | 1.85 | 1.44 | 1.51 | 1.59 | 1.82 | 5.94 | 2.67 |
| 9. | 1.79 | 1.86 | 3.00 | 2.09 | 5.64 | 2.38 | 2.00 | 1.65 | 1.57 | 1.57 | 1.44 | 1.82 | 6.40 | 2.58 |
| 10. | 1.96 | 1.87 | 2.83 | 2.05 | 4.67 | 2.24 | 2.04 | 1.72 | 1.49 | 1.38 | 1.31 | 1.46 | 7.99 | 2.51 |
| 11. | 1.84 | 2.25 | 2.84 | 2.09 | 4.15 | 2.40 | 1.97 | 1.85 | 1.50 | 1.53 | 1.70 | 1.60 | 9.15 | 2.52 |
| 12. | 1.80 | 3.20 | 2.71 | 1.94 | 3.96 | 2.33 | 1.91 | 2.45 | 1.50 | 1.44 | e 2.15 | 1.59 | 8.40 | 2.53 |
| 13. | 1.94 | 4.53 | 2.75 | 2.03 | 3.64 | 2.20 | 1.97 | 3.11 | 1.51 | 1.45 | e 2.00 | 1.22 | 7.17 | 2.84 |
| 14. | 2.03 | 4.61 | 2.60 | 2.05 | 3.45 | 2.41 | 1.93 | 2.49 | 1.52 | 1.50 | e 1.80 | 1.30 | 6.28 | 4.59 |
| 15. | 1.90 | 4.38 | 2.44 | 2.13 | 3.22 | 2.35 | 1.82 | 2.01 | 1.49 | 1.44 | 2.38 | 1.16 | 6.22 | 5.61 |
| 16. | 1.97 | 4.11 | 2.55 | 2.06 | 3.48 | 2.24 | 1.81 | 1.92 | 1.49 | 1.49 | 3.87 | 0.903 | 6.19 | 5.45 |
| 17. | 2.24 | 3.67 | 2.66 | 2.13 | 3.37 | 2.32 | 1.77 | 1.79 | 1.46 | 1.46 | 3.80 | 0.914 | 5.77 | 4.84 |
| 18. | 2.00 | 3.42 | 2.58 | 2.30 | 3.06 | 2.53 | 1.78 | 1.79 | 1.51 | 1.50 | 4.07 | 0.923 | 5.34 | e 4.38 |
| 19. | 1.92 | 3.11 | 2.67 | 2.08 | 3.05 | 2.49 | 1.94 | 1.87 | 1.41 | 1.16 | 4.41 | 0.881 | 5.12 | e 4.08 |
| 20. | 1.88 | 2.96 | 3.54 | 2.15 | 2.92 | 2.20 | 1.74 | 1.72 | 1.49 | 1.30 | 3.78 | 1.18 | 4.86 | 3.92 |
| 21. | 1.82 | 2.72 | 3.83 | 2.09 | 2.95 | 2.34 | 1.79 | 1.67 | 1.33 | 1.37 | 3.07 | 1.44 | 4.52 | 3.70 |
| 22. | 1.96 | 2.80 | 3.43 | 2.09 | 2.93 | 2.32 | 1.74 | 1.61 | 1.39 | 1.41 | 2.62 | 1.67 | 4.25 | 3.42 |
| 23. | 1.71 | 2.64 | 3.28 | 2.44 | 2.72 | 2.34 | 1.66 | 1.62 | 1.42 | 1.32 | 2.34 | 1.51 | 4.16 | 3.22 |
| 24. | 1.84 | 2.46 | 3.05 | 2.28 | 2.67 | 2.29 | 1.70 | 1.60 | 1.56 | 1.46 | 2.11 | 1.65 | 3.98 | 3.08 |
| 25. | 1.89 | 2.85 | 2.98 | 2.27 | 2.64 | 2.31 | 1.83 | 1.49 | 1.50 | 1.36 | 2.03 | 1.94 | 3.80 | 3.01 |
| 26. | 1.97 | 3.70 | 2.83 | 2.16 | 2.54 | 2.29 | 1.68 | 1.74 | 1.63 | 1.32 | 2.01 | 2.80 | 3.67 | 2.92 |
| 27. | 1.84 | 3.63 | 2.63 | 2.20 | 2.48 | 2.32 | 1.87 | 2.00 | 1.50 | 1.34 | 1.84 | 2.80 | 3.57 | 2.95 |
| 28. | 1.83 | 3.49 | R 2.57 | 2.19 | 2.50 | 2.33 | 1.81 | 2.72 | 1.43 | 1.26 | 1.96 | 3.84 | 3.50 | 3.00 |
| 29. | 1.91 | 3.44 | R 2.55 | | 2.64 | 2.41 | 1.78 | 1.99 | 1.35 | 1.32 | 1.81 | 11.6 | 3.33 | 2.92 |
| 30. | 2.03 | 3.53 | R 2.38 | | 2.22 | 2.31 | 2.00 | 1.59 | 1.60 | 1.26 | 1.86 | 15.8 | 3.39 | 2.79 |
| 31. | | 3.26 | R 2.36 | | 2.44 | | 1.87 | | 1.59 | 1.30 | | 12.9 | | 2.78 |

## Hauptwerte

| | 1997 Nov | 1997 Dez | 1998 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 7. | 6. | 31. | 12. | 4. | 13.+ | 23. | 25. | 21. | 19. | 2. | 19. | 29. | 10. |
| NQ | 1.71 | 1.77 | 2.36 | 1.94 | 2.09 | 2.20 | 1.66 | 1.49 | 1.33 | 1.16 | 1.29 | 0.881 | 3.33 | 2.51 |
| MQ | 1.88 | 2.89 | 2.92 | 2.14 | 3.02 | 2.36 | 1.94 | 1.90 | 1.50 | 1.41 | 2.22 | 2.81 | 6.38 | 3.31 |
| HQ | 4.16 | 5.68 | 4.08 | 2.71 | 6.10 | 3.64 | 3.58 | 4.13 | 2.69 | 3.32 | 6.55 | 18.4 | 13.5 | 5.79 |
| Tag | 20. | 16. | 21. | 23. | 9. | 16. | 13. | 12. | 22. | 17. | 16. | 30. | 1. | 15. |
| $h_N$ mm / $h_A$ mm | 11 | 18 | 18 | 12 | 19 | 14 | 12 | 12 | 9 | 9 | 14 | 18 | 39 | 21 |

| | 1954/1997 | | 1955/1998 (44 Jahre) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1964 | 1968 | 1964 | 1963 | 1965 | 1964 | 1977 | 1977 | 1977 | 1963 | 1964 | 1998 | 1964 | 1968 |
| NQ | 1.09 | 0.900 | 1.04 | 0.700 | 1.55 | 1.49 | 1.29 | 1.16 | 0.971 | 0.950 | 0.930 | 0.881 | 1.09 | 0.900 |
| MNQ | 2.19 | 2.30 | 2.58 | 2.72 | 2.90 | 2.96 | 2.56 | 2.27 | 2.08 | 2.03 | 1.96 | 1.95 | 2.22 | 2.31 |
| MQ | 2.65 | 3.35 | 3.60 | 3.86 | 4.06 | 3.56 | 3.04 | 2.77 | 2.53 | 2.35 | 2.27 | 2.47 | 2.74 | 3.35 |
| MHQ | 4.39 | 7.24 | 7.33 | 8.00 | 8.57 | 5.34 | 5.00 | 5.02 | 4.43 | 4.41 | 4.09 | 4.87 | 4.61 | 7.20 |
| HQ | 7.82 | 23.6 | 21.0 | 31.0 | 74.1 | 12.0 | 10.6 | 11.5 | 16.4 | 9.84 | 8.70 | 18.4 | 13.5 | 23.6 |
| Jahr | 1981 | 1993 | 1995 | 1970 | 1956 | 1988 | 1978 | 1971 | 1956 | 1955 | 1985 | 1998 | 1998 | 1993 |
| $Mh_N$ mm / $Mh_A$ mm | 16 | 21 | 23 | 22 | 26 | 22 | 19 | 17 | 16 | 15 | 14 | 16 | 17 | 21 |

| | Abflussjahr (*) 1998 Jahr | Datum | Winter | Sommer | Kalenderjahr 1998 Jahr | Datum |
|---|---|---|---|---|---|---|
| NQ m³/s | 0.881 | am 19.10.1998 | 1.71 | 0.881 | 0.881 | am 19.10.1998 |
| MQ m³/s | 2.25 | | 2.54 | 1.96 | 2.66 | |
| HQ m³/s | 18.4 | am 30.10.1998 bei W= 210 cm | 6.10 | 18.4 | 18.4 | am 30.10.1998 bei W= 210 cm |
| Nq l/(s km²) | 2.08 | | 4.03 | 2.08 | 2.08 | |
| Mq l/(s km²) | 5.31 | | 6.00 | 4.63 | 6.27 | |
| Hq l/(s km²) | 43.4 | | 14.4 | 43.4 | 43.4 | |
| $h_N$ mm / $h_A$ mm | 167 | | 95 | 72 | 167 | |
| | 1955/1998 (*) 44 Jahre | | | | 1955/1998 | |
| NQ m³/s | 0.700 | am 22.02.1963 | 0.700 | 0.881 | 0.700 | am 22.02.1963 |
| MNQ m³/s | 1.67 | | 2.00 | 1.77 | 1.72 | |
| MQ m³/s | 3.04 | | 3.51 | 2.57 | 3.05 | |
| MHQ m³/s | 14.4 | | 13.8 | 7.27 | 14.2 | |
| HQ m³/s | 74.1 | am 02.03.1956 | 74.1 | 18.4 | 74.1 | am 02.03.1956 |
| $HQ_1$ m³/s | 9.90 | | 9.44 | 6.38 | 9.90 | |
| $HQ_5$ m³/s | | | | | | |
| MNq l/(s km²) | 3.95 | | 4.71 | 4.18 | 4.06 | |
| Mq l/(s km²) | 7.17 | | 8.29 | 6.06 | 7.19 | |
| MHq l/(s km²) | 34.0 | | 32.6 | 17.1 | 33.6 | |
| | 1955/1998 (*) 44 Jahre | | | | 1955/1998 | |
| $Mh_N$ mm / $Mh_A$ mm | 226 | | 132 | 95 | 227 | |

## Extremwerte

| | Niedrigwasser m³/s | l/(s km²) | Datum | Hochwasser m³/s | l/(s km²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.700 | 1.65 | 22.02.1963 | 203 | 479 | | 11.03.1947 |
| 2 | | | | 74.1 | 175 | | 02.03.1956 |
| 3 | | | | 31.0 | 73.1 | | 01.02.1970 |
| 4 | | | | 23.6 | 55.7 | | 22.12.1993 |
| 5 | | | | 23.1 | 54.5 | | 03.03.1987 |
| 6 | | | | 22.5 | 53.0 | | 26.03.1988 |
| 7 | | | | 21.0 | 49.5 | | 27.01.1995 |
| 8 | | | | 20.0 | 47.1 | | 07.01.1982 |
| 9 | | | | 18.9 | 44.6 | | 22.12.1991 |
| 10 | | | | 18.4 | 43.4 | | 30.10.1998 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 1998 | Kalenderjahr 1998 | 1955/1998 44 Kalenderjahre: Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 15.8 | 15.8 | 29.0 | 11.7 | 3.60 |
| 363 | 12.9 | 12.9 | 20.4 | 9.67 | 3.53 |
| 362 | 11.6 | 12.2 | 17.0 | 8.86 | 3.35 |
| 361 | 5.64 | 12.2 | 16.1 | 8.30 | 3.30 |
| 360 | 4.67 | 11.6 | 15.3 | 7.81 | 3.18 |
| 359 | 4.61 | 11.1 | 14.2 | 7.37 | 3.18 |
| 358 | 4.53 | 9.75 | 13.2 | 7.10 | 3.18 |
| 357 | 4.41 | 9.15 | 11.7 | 6.84 | 3.14 |
| 356 | 4.38 | 8.69 | 11.6 | 6.64 | 3.13 |
| 350 | 3.87 | 6.40 | 9.89 | 5.81 | 3.01 |
| 340 | 3.53 | 5.12 | 8.34 | 5.11 | 2.78 |
| 330 | 3.26 | 4.15 | 7.08 | 4.65 | 2.57 |
| 320 | 3.11 | 3.83 | 6.46 | 4.35 | 2.46 |
| 300 | 2.75 | 3.22 | 5.79 | 3.87 | 2.32 |
| 270 | 2.44 | 2.84 | 5.20 | 3.42 | 2.13 |
| 240 | 2.31 | 2.54 | 4.78 | 3.13 | 1.86 |
| 210 | 2.11 | 2.34 | 4.27 | 2.88 | 1.79 |
| 183 | 2.00 | 2.20 | 4.07 | 2.71 | 1.55 |
| 150 | 1.86 | 2.00 | 3.88 | 2.49 | 1.43 |
| 130 | 1.82 | 1.87 | 3.56 | 2.39 | 1.25 |
| 120 | 1.79 | 1.82 | 3.51 | 2.34 | 1.25 |
| 110 | 1.76 | 1.78 | 3.39 | 2.29 | 1.25 |
| 100 | 1.70 | 1.70 | 3.33 | 2.24 | 1.19 |
| 90 | 1.65 | 1.65 | 3.25 | 2.20 | 1.19 |
| 80 | 1.59 | 1.59 | 3.15 | 2.14 | 1.19 |
| 70 | 1.53 | 1.53 | 3.05 | 2.08 | 1.19 |
| 60 | 1.50 | 1.50 | 2.98 | 2.03 | 1.19 |
| 50 | 1.49 | 1.49 | 2.93 | 1.96 | 1.19 |
| 40 | 1.46 | 1.46 | 2.88 | 1.88 | 1.09 |
| 30 | 1.42 | 1.42 | 2.82 | 1.79 | 1.09 |
| 25 | 1.39 | 1.39 | 2.80 | 1.73 | 1.09 |
| 20 | 1.34 | 1.34 | 2.76 | 1.67 | 1.09 |
| 15 | 1.32 | 1.32 | 2.75 | 1.58 | 1.09 |
| 10 | 1.29 | 1.29 | 2.72 | 1.48 | 1.09 |
| 9 | 1.29 | 1.29 | 2.72 | 1.44 | 1.04 |
| 8 | 1.29 | 1.29 | 2.70 | 1.40 | 1.04 |
| 7 | 1.22 | 1.22 | 2.70 | 1.38 | 0.990 |
| 6 | 1.18 | 1.18 | 2.69 | 1.33 | 0.990 |
| 5 | 1.16 | 1.16 | 2.69 | 1.30 | 0.990 |
| 4 | 1.16 | 1.16 | 2.68 | 1.25 | 0.990 |
| 3 | 0.923 | 0.923 | 2.68 | 1.17 | 0.923 |
| 2 | 0.914 | 0.914 | 2.63 | 1.11 | 0.914 |
| 1 | 0.903 | 0.903 | 2.63 | 1.06 | 0.900 |
| 0 | 0.881 | 0.881 | 2.62 | 0.700 | 0.700 |

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