$A_{Eo}$ : 627 $km^2$

PNP : NN + 222.80 m

Lage: 53.8 km oberhalb Mündung links

# Q

$m^3/s$

Pegel : Mellingen Nr. 572910

Gewässer : Ilm

Gebiet : Obere Saale

## Tageswerte

| Tag | 2002 Nov | 2002 Dez | 2003 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 6.63 | 32.8 | 37.0 | 7.50 | 4.06 | 4.20 | 2.22 | 2.85 | 1.03 | 0.700 | 0.450 | 0.390 | 0.600 | 1.63 |
| 2. | 6.45 | 19.4 | 48.8 | 7.15 | 4.97 | 4.20 | 2.32 | 1.80 | 1.03 | 0.600 | 0.420 | 0.360 | 0.550 | 1.54 |
| 3. | 9.06 | 16.6 | 61.6 | 6.98 | 6.98 | 4.35 | 2.11 | 1.54 | 1.12 | 0.600 | 0.450 | 0.390 | 0.600 | 1.46 |
| 4. | 10.5 | 14.4 | 76.6 | 6.98 | 7.89 | 4.20 | 2.11 | 1.37 | 1.20 | 0.500 | 0.450 | 0.500 | 0.600 | 1.46 |
| 5. | 9.88 | 13.2 | 47.7 | 6.63 | 7.50 | 3.66 | 2.01 | 1.90 | 1.12 | 0.500 | 0.450 | 0.600 | 0.600 | 1.46 |
| 6. | 8.87 | 12.1 | 29.4 | 6.28 | 7.33 | 3.52 | 2.01 | 3.66 | 1.03 | 0.450 | 0.420 | 0.700 | 0.600 | 1.37 |
| 7. | 8.28 | 10.7 | 21.8 | 5.93 | 8.09 | 3.39 | 2.01 | 1.80 | 1.03 | 0.450 | 0.420 | 0.600 | 0.500 | 1.29 |
| 8. | 8.28 | 9.66 | 17.6 | 5.93 | 7.89 | 3.25 | 1.90 | 1.63 | 0.950 | 0.450 | 0.450 | 1.29 | 0.550 | 1.29 |
| 9. | 10.1 | 8.87 | 14.1 | 5.93 | 7.33 | 3.12 | 2.11 | 1.54 | 0.900 | 0.420 | 0.450 | 1.46 | 0.550 | 1.12 |
| 10. | 11.8 | 8.48 | 12.5 | 5.75 | 7.15 | 2.98 | 3.39 | 1.46 | 0.900 | 0.420 | 0.390 | 1.37 | 0.550 | 1.03 |
| 11. | 11.6 | 7.89 | 11.2 | 5.28 | 6.98 | 2.98 | 2.74 | 1.29 | 0.850 | 0.390 | 0.500 | 0.950 | 0.550 | 1.12 |
| 12. | 12.1 | 7.50 | 9.88 | 5.13 | 8.28 | 2.85 | 2.32 | 1.37 | 0.850 | 0.390 | 1.12 | 0.900 | 0.550 | 1.12 |
| 13. | 11.0 | 7.15 | 9.06 | 4.97 | 9.06 | 2.85 | 2.22 | 1.71 | 0.850 | 0.390 | 0.800 | 0.750 | 0.550 | 1.20 |
| 14. | 10.5 | 6.80 | 9.06 | 4.51 | 8.67 | 2.74 | 2.22 | 1.46 | 0.800 | 0.390 | 0.600 | 0.650 | 0.500 | 2.64 |
| 15. | 10.3 | 6.45 | 9.45 | 4.51 | 8.09 | 2.64 | 2.22 | 1.37 | 0.850 | 0.390 | 0.450 | 0.650 | 0.500 | 5.59 |
| 16. | 9.06 | 6.10 | 8.67 | 4.66 | 7.50 | 2.53 | 1.90 | 1.29 | 0.750 | 0.390 | 0.420 | 0.600 | 0.500 | 4.66 |
| 17. | 8.28 | 6.10 | 8.09 | 4.66 | 7.15 | 2.53 | 1.71 | 1.29 | 0.750 | 0.450 | 0.420 | 0.550 | 0.650 | 4.51 |
| 18. | 7.50 | 5.75 | 7.33 | 4.51 | 6.80 | 2.43 | 1.71 | 1.29 | 0.800 | 0.420 | 0.390 | 0.550 | 0.750 | 4.06 |
| 19. | 7.15 | 5.44 | 6.80 | 4.51 | 6.45 | 2.53 | 2.11 | 1.54 | 0.750 | 0.420 | 0.390 | 0.500 | 0.750 | 3.52 |
| 20. | 7.69 | 5.28 | 6.63 | 4.35 | 6.10 | 3.12 | 2.64 | 1.46 | 0.750 | 0.390 | 0.390 | 0.500 | 0.700 | 3.25 |
| 21. | 6.98 | 4.97 | 6.45 | 4.20 | 5.75 | 2.74 | 2.43 | 1.29 | 0.700 | 0.390 | 0.360 | 0.500 | 0.650 | 3.79 |
| 22. | 6.45 | 5.59 | 6.45 | 3.93 | 5.28 | 2.43 | 2.32 | 1.29 | 0.650 | 0.390 | 0.300 | 0.600 | 0.650 | 5.28 |
| 23. | 6.98 | 13.9 | 6.28 | 3.79 | 5.28 | 2.32 | 2.22 | 1.20 | 0.500 | 0.390 | 0.330 | 0.650 | 0.700 | 4.51 |
| 24. | 6.63 | 11.4 | 7.50 | 3.79 | 5.13 | 2.22 | 2.11 | 1.20 | 0.650 | 0.390 | 0.360 | 0.500 | 0.700 | 4.06 |
| 25. | 6.10 | 11.0 | 7.33 | 3.66 | 4.82 | 2.22 | 2.01 | 1.12 | 0.800 | 0.390 | 0.360 | 0.550 | 0.800 | 3.93 |
| 26. | 5.75 | 10.1 | 6.80 | 3.66 | 4.66 | 2.32 | 1.90 | 1.03 | 0.650 | 0.390 | 0.360 | 0.550 | 0.850 | 3.52 |
| 27. | 5.44 | 10.1 | 6.63 | 3.66 | 4.51 | 2.32 | 1.80 | 1.03 | 0.600 | 0.390 | 0.330 | 0.600 | 0.850 | 3.39 |
| 28. | 5.13 | 10.3 | 7.89 | 3.79 | 4.51 | 2.32 | 1.71 | 1.03 | 1.12 | 0.390 | 0.300 | 0.700 | 0.950 | 3.12 |
| 29. | 5.44 | 8.67 | 9.06 | | 4.35 | 2.32 | 1.63 | 1.03 | 1.37 | 0.420 | 0.390 | 0.650 | 2.01 | 2.85 |
| 30. | 47.7 | 19.2 | 8.67 | | 4.35 | 2.22 | 1.46 | 0.950 | 0.900 | 0.450 | 0.420 | 0.700 | 1.90 | 2.64 |
| 31. | | 42.3 | 8.09 | | 4.20 | | 1.54 | | 0.750 | 0.450 | | 0.650 | | 2.32 |

## Hauptwerte

| | 2002 Nov | 2002 Dez | Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 28. | 21. | 23. | 25.+ | 1. | 24.+ | 30. | 30. | 23. | 11.+ | 22.+ | 2. | 7.+ | 10. |
| NQ | 5.13 | 4.97 | 6.28 | 3.66 | 4.06 | 2.22 | 1.46 | 0.950 | 0.500 | 0.390 | 0.300 | 0.360 | 0.500 | 1.03 |
| MQ | 9.59 | 11.6 | 17.2 | 5.09 | 6.36 | 2.92 | 2.10 | 1.49 | 0.871 | 0.437 | 0.445 | 0.675 | 0.725 | 2.73 |
| HQ | 67.5 | 60.3 | 80.6 | 7.69 | 9.06 | 4.35 | 3.52 | 6.98 | 2.01 | 0.700 | 1.46 | 1.80 | 2.32 | 6.63 |
| Tag | 30. | 1. | 4. | 1. | 12. | 2.+ | 10. | 6. | 28.+ | 1. | 12. | 9.+ | 29. | 14. |
| $h_N$ mm | | | | | | | | | | | | | | |
| $h_A$ mm | 40 | 50 | 73 | 20 | 27 | 12 | 9 | 6 | 4 | 2 | 2 | 3 | 3 | 12 |

| | 1922/2002 | | 1923/2003 | | | | | | 81 Jahre | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1991 | 1989+ | 1954 | 1963 | 1963 | 1991 | 1990 | 1934 | 1976 | 1991 | 1929 | 1991 | 1991 | 1989+ |
| NQ | 0.350 | 0.490 | 0.330 | 0.360 | 0.360 | 1.10 | 0.390 | 0.220 | 0.220 | 0.220 | 0.150 | 0.180 | 0.350 | 0.490 |
| MNQ | 2.02 | 2.17 | 2.39 | 2.84 | 3.33 | 4.05 | 2.53 | 1.88 | 1.43 | 1.15 | 1.07 | 1.26 | 1.99 | 2.12 |
| MQ | 4.04 | 4.91 | 5.58 | 5.58 | 6.63 | 7.07 | 4.27 | 3.62 | 2.64 | 2.01 | 1.93 | 2.62 | 3.98 | 4.84 |
| MHQ | 11.5 | 14.2 | 17.0 | 14.0 | 17.3 | 15.3 | 9.73 | 11.0 | 7.68 | 6.11 | 4.62 | 7.01 | 11.4 | 14.1 |
| HQ | 88.8 | 70.7 | 80.6 | 57.3 | 71.8 | 98.3 | 52.5 | 70.7 | 67.7 | 95.9 | 22.6 | 38.0 | 88.8 | 70.7 |
| Jahr | 1940 | 1947 | 2003 | 1940 | 1981 | 1994 | 1969 | 1961 | 1956 | 1981 | 1998 | 1939 | 1940 | 1947 |
| $Mh_N$ mm | | | | | | | | | | | | | | |
| $Mh_A$ mm | 17 | 21 | 24 | 22 | 28 | 29 | 18 | 15 | 11 | 9 | 8 | 11 | 16 | 21 |

| | | Abflußjahr (*) 2003 Jahr | Datum | Winter | Sommer | Kalenderjahr 2003 Jahr | Datum |
|---|---|---|---|---|---|---|---|
| NQ | $m^3/s$ | 0.300 | am 22.09.2003 | 2.22 | 0.300 | 0.300 | am 22.09.2003 |
| MQ | $m^3/s$ | 4.91 | | 8.88 | 1.00 | 3.43 | |
| HQ | $m^3/s$ | 80.6 | am 04.01.2003 | 80.6 | 6.98 | 80.6 | am 04.01.2003 |
| Nq | $l/(s km^2)$ | 0.478 | | 3.54 | 0.478 | 0.478 | |
| Mq | $l/(s km^2)$ | 7.83 | | 14.2 | 1.59 | 5.47 | |
| Hq | $l/(s km^2)$ | 129 | | 129 | 11.1 | 129 | |
| $h_N$ | mm | | | | | | |
| $h_A$ | mm | 247 | | 221 | 25 | 173 | |
| | | 1923/2003 (*) 81 Jahre | | | | 1923/2003 | |
| NQ | $m^3/s$ | 0.150 | am 10.09.1929 | 0.330 | 0.150 | 0.150 | am 10.09.1929 |
| MNQ | $m^3/s$ | 0.757 | | 1.36 | 0.844 | 0.768 | |
| MQ | $m^3/s$ | 4.23 | | 5.64 | 2.85 | 4.22 | |
| MHQ | $m^3/s$ | 35.3 | | 31.7 | 19.1 | 36.2 | |
| HQ | $m^3/s$ | 98.3 | am 13.04.1994 | 98.3 | 95.9 | 98.3 | am 13.04.1994 |
| $HQ_1$ | $m^3/s$ | | | | | | |
| $HQ_5$ | $m^3/s$ | | | | | | |
| MNq | $l/(s km^2)$ | 1.21 | | 2.17 | 1.35 | 1.22 | |
| Mq | $l/(s km^2)$ | 6.75 | | 9.00 | 4.55 | 6.73 | |
| MHq | $l/(s km^2)$ | 56.3 | | 50.6 | 30.5 | 57.7 | |
| $Mh_N$ | mm | | | | | | |
| $Mh_A$ | mm | 213 | | 141 | 72 | 212 | |

## Extremwerte

| | Niedrigwasser $m^3/s$ | $l/(s km^2)$ | Datum | Hochwasser $m^3/s$ | $l/(s km^2)$ | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 0.150 | 0.239 | 10.09.1929+ | 98.3 | 157 | | 13.04.1994 |
| 2 | 0.170 | 0.271 | 09.09.1928 | 95.9 | 153 | | 11.08.1981 |
| 3 | 0.180 | 0.287 | 03.09.1991+ | 88.8 | 142 | | 05.11.1940 |
| 4 | 0.220 | 0.351 | 13.07.1976+ | 80.6 | 129 | | 04.01.2003 |
| 5 | 0.220 | 0.351 | 25.06.1934 | 77.8 | 124 | | 01.01.1926 |
| 6 | 0.280 | 0.447 | 15.09.1923 | 71.8 | 115 | | 12.03.1981+ |
| 7 | 0.300 | 0.478 | 22.09.2003+ | 70.7 | 113 | | 10.06.1961 |
| 8 | 0.300 | 0.478 | 02.08.1990+ | 70.7 | 113 | | 29.12.1947 |
| 9 | 0.300 | 0.478 | 08.10.1926 | 69.5 | 111 | | 14.03.1947 |
| 10 | 0.320 | 0.510 | 06.08.1947+ | 69.5 | 111 | | 31.12.1925 |

## Dauertabelle

Unterschrittene Abflüsse $m^3/s$

| Unterschreitungsdauer in Tagen | Abfluß-jahr (*) 2003 | Kalenderjahr 2003 | 1923/2003 81 Kalenderjahre Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
|---|---|---|---|---|---|
| (365) | | | | | |
| 364 | 76.6 | 76.6 | 76.6 | 30.9 | 7.26 |
| 363 | 61.6 | 61.6 | 61.8 | 25.2 | 6.53 |
| 362 | 48.8 | 48.8 | 55.4 | 22.2 | 6.38 |
| 361 | 48.8 | 47.7 | 53.6 | 20.5 | 5.95 |
| 360 | 48.8 | 37.0 | 46.0 | 19.0 | 5.95 |
| 359 | 42.3 | 29.4 | 42.3 | 18.1 | 5.95 |
| 358 | 37.0 | 21.8 | 41.0 | 17.2 | 5.55 |
| 357 | 32.8 | 17.6 | 41.0 | 16.6 | 5.27 |
| 356 | 29.4 | 14.1 | 41.0 | 15.8 | 5.27 |
| 350 | 14.4 | 9.45 | 28.5 | 13.2 | 3.98 |
| 340 | 11.2 | 8.28 | 18.6 | 10.7 | 3.87 |
| 330 | 10.3 | 7.50 | 16.3 | 9.07 | 3.51 |
| 320 | 9.45 | 6.98 | 14.7 | 8.03 | 3.40 |
| 300 | 7.69 | 5.59 | 13.0 | 6.63 | 2.75 |
| 270 | 6.80 | 4.06 | 11.2 | 5.13 | 1.76 |
| 240 | 5.28 | 2.85 | 9.46 | 4.06 | 1.24 |
| 210 | 3.79 | 2.22 | 8.23 | 3.34 | 1.00 |
| 183 | 2.43 | 1.63 | 7.35 | 2.86 | 0.880 |
| 150 | 1.80 | 1.20 | 5.82 | 2.36 | 0.760 |
| 130 | 1.37 | 0.900 | 4.87 | 2.08 | 0.750 |
| 120 | 1.20 | 0.850 | 4.48 | 1.96 | 0.660 |
| 110 | 1.03 | 0.750 | 4.23 | 1.81 | 0.620 |
| 100 | 0.900 | 0.700 | 4.10 | 1.70 | 0.620 |
| 90 | 0.800 | 0.650 | 3.87 | 1.56 | 0.540 |
| 80 | 0.700 | 0.650 | 3.63 | 1.47 | 0.490 |
| 70 | 0.650 | 0.600 | 3.28 | 1.35 | 0.390 |
| 60 | 0.550 | 0.550 | 3.07 | 1.25 | 0.350 |
| 50 | 0.500 | 0.500 | 2.86 | 1.13 | 0.300 |
| 40 | 0.450 | 0.450 | 2.75 | 1.02 | 0.240 |
| 30 | 0.420 | 0.420 | 2.65 | 0.890 | 0.220 |
| 25 | 0.420 | 0.420 | 2.65 | 0.820 | 0.210 |
| 20 | 0.420 | 0.420 | 2.55 | 0.760 | 0.200 |
| 15 | 0.420 | 0.420 | 2.45 | 0.690 | 0.190 |
| 10 | 0.420 | 0.420 | 2.35 | 0.570 | 0.190 |
| 9 | 0.420 | 0.420 | 2.35 | 0.560 | 0.190 |
| 8 | 0.390 | 0.390 | 2.35 | 0.540 | 0.190 |
| 7 | 0.390 | 0.390 | 2.27 | 0.500 | 0.190 |
| 6 | 0.390 | 0.390 | 2.27 | 0.490 | 0.190 |
| 5 | 0.390 | 0.390 | 2.27 | 0.450 | 0.190 |
| 4 | 0.390 | 0.390 | 2.14 | 0.420 | 0.190 |
| 3 | 0.360 | 0.360 | 2.14 | 0.390 | 0.190 |
| 2 | 0.360 | 0.360 | 2.14 | 0.350 | 0.190 |
| 1 | 0.330 | 0.330 | 2.02 | 0.270 | 0.190 |
| 0 | 0.300 | 0.300 | 1.91 | 0.150 | 0.150 |

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