$A_{Eo}$ : 871.09 km²
PNP : NHN+ 56.27 m
Lage : 21.28 km oberhalb der Mündung links

# Q
m³/s

Pegel : Herford
Gewässer : Werre
Gebiet : Oberweser

Nr. 4651000000100

## Tageswerte

| Tag | 2011 Nov | 2011 Dez | 2012 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2.89 | 3.34 | 19.1 | 12.4 | 11.9 | 6.42 | 4.86 | 7.95 | 4.82 | 3.90 | 2.75 | 2.49 | 3.54 | 3.71 |
| 2. | 2.89 | 5.51 | 37.3 | 11.6 | 11.3 | 6.35 | 4.84 | 4.64 | 4.58 | 3.85 | 2.50 | 2.38 | 4.32 | 4.76 |
| 3. | 2.88 | 7.57 | 26.2 | 11.0 | 10.7 | 6.32 | 5.07 | 6.23 | 4.37 | 3.56 | 2.46 | 3.09 | 4.37 | 4.56 |
| 4. | 2.89 | 7.13 | 26.2 | 10.5 | 10.4 | 8.11 | 4.86 | 7.20 | 4.28 | 3.87 | 2.41 | 19.0 | 4.35 | 6.00 |
| 5. | 2.96 | 6.72 | 66.5 | 9.97 | 10.7 | 6.33 | 6.40 | 8.85 | 4.19 | 4.07 | 2.39 | 8.67 | 4.59 | 6.71 |
| 6. | 2.88 | 6.48 | 41.6 | 9.51 | 9.87 | 6.07 | 5.40 | 5.69 | 4.19 | 5.70 | 2.60 | 10.1 | 4.28 | 5.06 |
| 7. | 2.97 | 14.8 | 33.2 | 8.89 | 9.91 | 6.28 | 5.24 | 5.19 | 4.92 | 3.80 | 2.41 | 5.32 | 5.55 | 4.75 |
| 8. | 3.05 | 12.2 | 39.8 | 8.86 | 14.1 | 5.81 | 4.78 | 4.58 | 5.20 | 3.61 | 2.34 | 3.45 | 4.53 | 4.51 |
| 9. | 3.04 | 14.5 | 34.9 | 8.53 | 11.5 | 6.31 | 4.77 | 4.29 | 5.27 | 3.40 | 2.31 | 3.09 | 4.05 | 6.27 |
| 10. | 3.08 | 9.07 | 28.0 | 8.40 | 10.5 | 7.09 | 5.82 | 4.12 | 4.52 | 3.12 | 2.31 | 2.95 | 3.95 | 15.0 |
| 11. | 3.12 | 7.28 | 22.9 | 7.96 | 10.1 | 6.31 | 13.4 | 4.70 | 6.85 | 3.14 | 3.74 | 2.89 | 4.37 | 8.07 |
| 12. | 3.14 | 8.89 | 24.4 | 7.72 | 9.87 | 5.88 | 5.70 | 5.66 | 12.0 | 3.15 | 4.16 | 3.36 | 3.88 | 6.55 |
| 13. | 3.11 | 15.4 | 30.8 | 7.75 | 9.43 | 5.94 | 4.79 | 6.18 | 8.75 | 3.35 | 2.67 | 3.62 | 3.42 | 6.34 |
| 14. | 3.16 | 15.8 | 23.3 | 8.70 | 9.12 | 5.62 | 4.64 | 4.56 | 6.76 | 3.01 | 2.57 | 3.88 | 3.44 | 6.54 |
| 15. | 3.26 | 17.4 | 19.6 | 12.4 | 8.83 | 5.48 | 5.50 | 4.55 | 7.92 | 2.80 | 2.70 | 3.26 | 3.32 | 20.5 |
| 16. | 3.13 | 40.1 | 17.4 | 9.28 | 8.77 | 5.35 | 6.07 | 6.63 | 6.16 | 4.62 | 2.42 | 3.21 | 3.42 | 17.5 |
| 17. | 3.10 | 40.2 | 16.1 | 10.4 | 8.56 | 5.30 | 4.81 | 5.01 | 20.6 | 3.34 | 2.39 | 3.21 | 3.38 | 17.0 |
| 18. | 3.09 | 21.2 | 15.4 | 9.53 | 8.88 | 5.28 | 4.34 | 4.57 | 9.54 | 2.91 | 2.38 | 2.97 | 3.40 | 14.0 |
| 19. | 3.14 | 17.6 | 31.0 | 15.2 | 8.32 | 6.00 | 4.37 | 4.25 | 9.79 | 2.91 | 2.39 | 2.91 | 3.66 | 13.9 |
| 20. | 3.11 | 17.8 | 34.7 | 10.2 | 7.83 | 5.60 | 4.66 | 4.62 | 6.77 | 3.00 | 2.39 | 2.87 | 3.41 | 11.0 |
| 21. | 3.11 | 22.5 | 36.1 | 9.01 | 7.57 | 5.99 | 4.93 | 4.82 | 4.93 | 2.90 | 2.36 | 2.73 | 3.22 | 10.8 |
| 22. | 3.11 | 20.0 | 46.9 | 8.80 | 7.57 | 5.97 | 4.32 | 4.55 | 4.45 | 3.29 | 2.42 | 2.78 | 3.21 | 13.3 |
| 23. | 3.08 | 21.4 | 51.6 | 10.7 | 7.44 | 5.84 | 3.97 | 4.45 | 4.27 | 2.83 | 2.38 | 2.83 | 3.51 | 48.9 |
| 24. | 3.08 | 25.4 | 33.1 | 12.7 | 7.30 | 5.80 | 3.91 | 5.29 | 3.97 | 2.95 | 7.17 | 2.90 | 4.78 | 44.6 |
| 25. | 3.05 | 20.6 | 26.3 | 16.3 | 7.04 | 6.02 | 3.76 | 8.90 | 3.80 | 3.23 | 3.67 | 3.00 | 3.76 | 25.8 |
| 26. | 3.14 | 17.2 | 22.2 | 12.8 | 6.89 | 6.13 | 3.74 | 5.90 | 3.61 | 3.47 | 5.23 | 2.90 | 3.66 | 26.9 |
| 27. | 3.19 | 16.1 | 20.4 | 11.8 | 6.74 | 5.18 | 3.68 | 4.74 | 5.04 | 3.62 | 4.05 | 2.98 | 4.44 | 31.1 |
| 28. | 3.17 | 14.5 | 18.4 | 11.8 | 6.64 | 6.58 | 3.66 | 4.97 | 14.4 | 2.90 | 3.41 | 2.84 | 3.94 | 28.5 |
| 29. | 3.08 | 13.9 | 16.8 | 12.4 | 6.63 | 5.26 | 3.82 | 14.4 | 6.17 | 2.85 | 2.72 | 2.96 | 3.79 | 19.2 |
| 30. | 3.13 | 22.3 | 15.4 | | 7.19 | 5.02 | 3.77 | 6.76 | 4.75 | 3.27 | 2.55 | 5.79 | 3.90 | 17.7 |
| 31. | | 17.3 | 14.1 | | 6.87 | | 4.75 | | 4.53 | 2.83 | | 3.74 | | 16.6 |

## Hauptwerte

| | 2011 Nov | 2011 Dez | 2012 Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tag | 6.+ | 1. | 31. | 12. | 29. | 30. | 28. | 10. | 26. | 15. | 10.+ | 2. | 22. | 1. |
| NQ | 2.88 | 3.34 | 14.1 | 7.72 | 6.63 | 5.02 | 3.66 | 4.12 | 3.61 | 2.80 | 2.31 | 2.38 | 3.21 | 3.71 |
| MQ | 3.07 | 16.1 | 28.7 | 10.5 | 8.98 | 5.99 | 4.99 | 5.81 | 6.50 | 3.39 | 2.94 | 4.13 | 3.91 | 15.0 |
| HQ | 3.87 | 80.2 | 101 | 21.6 | 17.0 | 10.6 | 28.0 | 36.1 | 28.2 | 7.88 | 13.3 | 36.1 | 7.31 | 79.3 |
| Tag | 11. | 16. | 5. | 15. | 9. | 4. | 11. | 29. | 17. | 6. | 24. | 4. | 7. | 23. |
| $h_N$ mm | | | | | | | | | | | | | | |
| $h_A$ mm | 9 | 50 | 88 | 30 | 28 | 18 | 15 | 17 | 20 | 10 | 9 | 13 | 12 | 46 |

| | 1955/2011 | | 1956/2012 57 Kalenderjahre | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jahr | 1959 | 1959 | 1960 | 1960 | 1960 | 1960 | 1960 | 1959 | 1959 | 1959 | 1959 | 1959 | 1959 | 1959 |
| NQ | 1.76 | 1.92 | 3.09 | 3.57 | 3.19 | 2.71 | 2.51 | 2.01 | 1.47 | 1.60 | 1.27 | 1.21 | 1.76 | 1.92 |
| MNQ | 5.46 | 7.31 | 9.13 | 9.59 | 9.31 | 7.85 | 5.84 | 5.02 | 4.55 | 4.25 | 4.08 | 4.50 | 5.44 | 7.28 |
| MQ | 10.7 | 16.4 | 19.0 | 17.5 | 16.7 | 12.3 | 9.02 | 7.38 | 7.40 | 6.65 | 6.69 | 7.67 | 10.7 | 16.3 |
| MHQ | 42.8 | 75.0 | 78.0 | 64.8 | 64.6 | 32.7 | 34.9 | 32.2 | 33.7 | 30.7 | 28.9 | 33.0 | 42.8 | 75.5 |
| HQ | 160 | 246 | 214 | 229 | 194 | 101 | 149 | 133 | 174 | 134 | 128 | 175 | 160 | 246 |
| Jahr | 1998 | 1960 | 1968 | 1970 | 1992 | 1994 | 1984 | 1981 | 1956 | 2007 | 2007 | 1998 | 1998 | 1960 |
| $Mh_N$ mm | | | | | | | | | | | | | | |
| $Mh_A$ mm | 32 | 50 | 59 | 49 | 51 | 37 | 28 | 22 | 23 | 20 | 20 | 24 | 32 | 50 |

| | | Abflussjahr (*) 2012 Jahr | Datum | Winter | Sommer | Kalenderjahr 2012 Jahr | Datum |
|---|---|---|---|---|---|---|---|
| NQ | m³/s | 2.31 | am 10.09.2012 | 2.88 | 2.31 | 2.31 | am 10.09.2012 |
| MQ | m³/s | 8.46 | | 12.3 | 4.63 | 8.44 | |
| HQ | m³/s | 101 | am 05.01.2012 bei W = 359 cm | 101 | 36.1 | 101 | am 05.01.2012 bei W = 359 cm |
| Nq | l/(skm²) | 2.65 | | 3.31 | 2.65 | 2.65 | |
| Mq | l/(skm²) | 9.71 | | 14.2 | 5.31 | 9.69 | |
| Hq | l/(skm²) | 116 | | 116 | 41.5 | 116 | |
| $h_N$ | mm | | | | | | |
| $h_A$ | mm | 307 | | 223 | 84 | 306 | |

| | | 1956/2012 (*) 57 Jahre | | | | 1956/2012 | |
|---|---|---|---|---|---|---|---|
| NQ | m³/s | 1.21 | am 11.10.1959 | 1.76 | 1.21 | 1.21 | am 11.10.1959 |
| MNQ | m³/s | 3.43 | | 5.03 | 3.64 | 3.61 | |
| MQ | m³/s | 11.4 | | 15.5 | 7.47 | 11.4 | |
| MHQ | m³/s | 126 | | 119 | 67.8 | 127 | |
| HQ | m³/s | 246 | am 04.12.1960 bei W = 534 cm | 246 | 175 | 246 | am 04.12.1960 bei W = 534 cm |
| $HQ_1$ | m³/s | | | | | | |
| $HQ_5$ | m³/s | | | | | | |
| MNq | l/(skm²) | 3.93 | | 5.77 | 4.18 | 4.15 | |
| Mq | l/(skm²) | 13.1 | | 17.7 | 8.58 | 13.1 | |
| MHq | l/(skm²) | 144 | | 137 | 77.8 | 146 | |
| $Mh_N$ | mm | | | | | | |
| $Mh_A$ | mm | 414 | | 278 | 136 | 414 | |

## Extremwerte

| | Niedrigwasser (n) m³/s | l/(skm²) | Datum | Hochwasser m³/s | l/(skm²) | cm | Datum |
|---|---|---|---|---|---|---|---|
| 1 | 1.21 | 1.38 | 11.10.1959 | 246 | 282 | 534 | 04.12.1960 |
| 2 | 1.68 | 1.92 | 30.09.1964 | 229 | 263 | 522 | 23.02.1970 |
| 3 | 1.84 | 2.11 | 21.07.1960 | 222 | 255 | 470 | 30.12.1986 |
| 4 | 2.04 | 2.34 | 31.10.1971 | 214 | 246 | 510 | 15.01.1968 |
| 5 | 2.12 | 2.44 | 22.09.1976 | 194 | 223 | 451 | 13.03.1992 |
| 6 | 2.20 | 2.53 | 03.08.1996 | 179 | 205 | 434 | 02.01.1987 |
| 7 | 2.24 | 2.57 | 11.09.2009 | 175 | 201 | 441 | 29.10.1998 |
| 8 | 2.31 | 2.65 | 10.09.2012 | 174 | 199 | 518 | 15.07.1956 |
| 9 | 2.40 | 2.76 | 21.09.1963 | 161 | 185 | 448 | 19.01.2007 |
| 10 | 2.43 | 2.79 | 15.09.1991 | 160 | 184 | 426 | 01.11.1998 |

## Dauertabelle

| Unterschreitungsdauer in Tagen | Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2012 | Kalenderjahr 2012 | 1956/2012 57 Kalenderjahre Obere Hüllkurve | Mittlere Werte | Untere Hüllkurve |
|---|---|---|---|---|---|
| 364 | 66.5 | 66.5 | 189 | 88.5 | 26.7 |
| 363 | 51.6 | 51.6 | 170 | 72.8 | 26.6 |
| 362 | 47.0 | 48.9 | 114 | 63.4 | 21.6 |
| 361 | 41.6 | 47.0 | 107 | 57.8 | 15.3 |
| 360 | 40.2 | 44.6 | 107 | 52.8 | 14.6 |
| 359 | 40.1 | 41.6 | 95.7 | 48.3 | 14.6 |
| 358 | 39.8 | 39.8 | 80.1 | 45.0 | 14.5 |
| 357 | 37.3 | 37.3 | 78.7 | 42.8 | 13.3 |
| 356 | 36.1 | 36.1 | 71.1 | 41.0 | 12.9 |
| 350 | 30.8 | 31.0 | 53.3 | 33.1 | 10.9 |
| 340 | 22.3 | 23.3 | 43.3 | 26.2 | 8.83 |
| 330 | 19.0 | 18.4 | 38.2 | 22.5 | 7.98 |
| 320 | 16.1 | 15.4 | 33.8 | 19.8 | 7.24 |
| 300 | 12.4 | 11.6 | 26.1 | 16.2 | 6.33 |
| 270 | 9.12 | 8.88 | 20.9 | 12.8 | 5.44 |
| 240 | 7.30 | 6.89 | 17.4 | 10.6 | 4.47 |
| 210 | 6.18 | 6.07 | 14.9 | 9.03 | 3.44 |
| 183 | 5.40 | 5.29 | 13.7 | 7.93 | 2.76 |
| 150 | 4.70 | 4.70 | 12.4 | 6.79 | 2.28 |
| 130 | 4.29 | 4.44 | 11.3 | 6.20 | 2.21 |
| 120 | 3.97 | 4.28 | 11.0 | 5.94 | 2.16 |
| 110 | 3.77 | 4.05 | 10.7 | 5.70 | 2.10 |
| 100 | 3.61 | 3.87 | 10.5 | 5.46 | 2.05 |
| 90 | 3.34 | 3.74 | 10.3 | 5.23 | 2.00 |
| 80 | 3.16 | 3.61 | 10.1 | 5.00 | 1.92 |
| 70 | 3.11 | 3.42 | 9.78 | 4.77 | 1.90 |
| 60 | 3.08 | 3.27 | 9.41 | 4.54 | 1.86 |
| 50 | 2.97 | 3.09 | 9.30 | 4.28 | 1.81 |
| 40 | 2.90 | 2.91 | 9.07 | 4.02 | 1.76 |
| 30 | 2.84 | 2.84 | 8.92 | 3.75 | 1.72 |
| 25 | 2.78 | 2.78 | 8.50 | 3.58 | 1.68 |
| 20 | 2.67 | 2.67 | 8.39 | 3.38 | 1.64 |
| 15 | 2.49 | 2.49 | 7.79 | 3.14 | 1.60 |
| 10 | 2.41 | 2.41 | 7.36 | 2.89 | 1.52 |
| 9 | 2.39 | 2.39 | 7.36 | 2.82 | 1.49 |
| 8 | 2.39 | 2.39 | 7.27 | 2.74 | 1.48 |
| 7 | 2.39 | 2.39 | 7.18 | 2.65 | 1.47 |
| 6 | 2.39 | 2.39 | 7.10 | 2.53 | 1.47 |
| 5 | 2.38 | 2.38 | 6.85 | 2.41 | 1.45 |
| 4 | 2.38 | 2.38 | 6.85 | 2.29 | 1.38 |
| 3 | 2.38 | 2.38 | 6.79 | 2.17 | 1.37 |
| 2 | 2.36 | 2.36 | 6.75 | 2.01 | 1.35 |
| 1 | 2.34 | 2.34 | 6.71 | 1.84 | 1.27 |
| 0 | 2.31 | 2.31 | 6.60 | 1.21 | 1.21 |

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

LANUV NRW