

A_{E0} : 243 km²



Pegel : Zollhaus

Nr. 25880506

PNP : NHN + 148.29 m

Gewässer: Aar

Lage: 11.7 km oberhalb der Mündung, links

m³/s

Gebiet : Lahn

| | Tag | 2021 | | 2022 | | | | | | | | | | | | | | | | | |
|-----------------|------------------------|------------------------|-----------------------------|------------------------|-----------|--------------|-----------------------------|-------------------|-------|--|-------|------------------|-------|-------------------|-------|---------------------------|----------|---------------------------------|--|------------------|--|
| | | Nov | Dez | Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez | | | | | | |
| Tageswerte | 1. | 0.312 | 0.921 | 2.17 | 2.10 | 2.10 | 0.918 | 1.71 | 0.564 | 0.387 | 0.344 | 0.284 | 0.828 | 0.600 | 1.32 | | | | | | |
| | 2. | 0.376 | 0.945 | 1.81 | 2.70 | 1.98 | 1.02 | 1.53 | 0.568 | 0.363 | 0.343 | 0.180 | 0.757 | 0.546 | 1.20 | | | | | | |
| | 3. | 0.714 | 0.749 | 3.23 | 2.73 | 1.87 | 0.984 | 1.39 | 0.563 | 0.340 | 0.286 | 0.175 | 0.689 | 0.520 | 1.27 | | | | | | |
| | 4. | 0.907 | 0.798 | 7.41 | 2.63 | 1.71 | 0.954 | 1.31 | 0.568 | 0.304 | 0.235 | 0.198 | 0.580 | 0.803 | 1.19 | | | | | | |
| | 5. | 0.564 | 1.00 | 8.16 | 2.49 | 1.59 | 1.19 | 1.12 | 0.589 | 0.317 | 0.479 | 0.185 | 0.527 | 0.625 | 1.60 | | | | | | |
| | 6. | 0.410 | 0.775 | 5.57 | 2.78 | 1.45 | 0.984 | 0.995 | 0.642 | 0.319 | 0.300 | 0.326 | 0.482 | 0.533 | 1.60 | | | | | | |
| | 7. | 0.367 | 0.957 | 3.94 | 6.83 | 1.29 | 1.40 | 0.917 | 0.516 | 0.341 | 0.220 | 0.604 | 0.450 | 0.513 | 1.61 | | | | | | |
| | 8. | 0.356 | 0.944 | 3.53 | 5.83 | 1.14 | 2.24 | 0.922 | 0.642 | 0.335 | 0.214 | 0.595 | 0.443 | 0.505 | 1.67 | | | | | | |
| | 9. | 0.337 | 0.863 | 7.10 | 4.85 | 1.05 | 3.31 | 0.917 | 0.772 | 0.305 | 0.196 | 0.379 | 0.415 | 0.505 | 1.61 | | | | | | |
| | 10. | 0.325 | 0.819 | 7.49 | 4.04 | 0.975 | 3.03 | 0.846 | 0.469 | 0.335 | 0.185 | 0.457 | 0.411 | 0.477 | 1.49 | | | | | | |
| | 11. | 0.325 | 0.807 | 5.32 | 3.80 | 0.925 | 2.80 | 0.775 | 0.445 | 0.322 | 0.178 | 0.866 | 0.472 | 0.445 | 1.31 | | | | | | |
| | 12. | 0.325 | 0.717 | 3.89 | 2.95 | 0.888 | 2.46 | 0.723 | 0.415 | 0.324 | 0.176 | 0.362 | 0.409 | 0.441 | 1.18 | | | | | | |
| | 13. | 0.341 | 0.668 | 3.11 | 2.61 | 0.858 | 2.18 | 0.699 | 0.368 | 0.307 | 0.178 | 0.311 | 0.386 | 0.440 | 1.02 | | | | | | |
| | 14. | 0.519 | 0.639 | 2.53 | 2.46 | 0.964 | 1.88 | 0.680 | 0.388 | 0.283 | 0.179 | 0.999 | 0.399 | 0.442 | 0.929 | | | | | | |
| | 15. | 0.353 | 0.605 | 2.18 | 2.24 | 1.19 | 1.69 | 0.647 | 0.381 | 0.295 | 0.179 | 2.35 | 0.613 | 0.441 | 0.876 | | | | | | |
| | 16. | 0.335 | 0.570 | 2.00 | 2.16 | 1.73 | 1.48 | 0.729 | 0.378 | 0.295 | 0.196 | 0.801 | 0.455 | 0.752 | 0.805 | | | | | | |
| | 17. | 0.333 | 0.534 | 1.93 | 2.22 | 1.12 | 1.32 | 0.773 | 0.381 | 0.281 | 0.201 | 0.691 | 0.418 | 1.15 | 0.732 | | | | | | |
| | 18. | 0.330 | 0.499 | 2.12 | 1.94 | 1.01 | 1.27 | 0.642 | 0.368 | 0.294 | 0.210 | 0.604 | 3.77 | 1.12 | 0.651 | | | | | | |
| | 19. | 0.325 | 0.488 | 2.32 | 1.86 | 0.926 | 1.21 | 0.681 | 0.357 | 0.287 | 0.207 | 0.865 | 2.11 | 1.53 | 0.783 | | | | | | |
| | 20. | 0.324 | 0.480 | 2.64 | 1.84 | 0.925 | 1.12 | 1.27 | 0.410 | 0.269 | 0.190 | 0.550 | 1.54 | 1.81 | 0.811 | | | | | | |
| | 21. | 0.325 | 0.455 | 2.36 | 2.31 | 0.917 | 1.12 | 1.46 | 0.426 | 0.358 | 0.174 | 0.476 | 2.05 | 2.04 | 0.867 | | | | | | |
| | 22. | 0.349 | 0.403 | 2.11 | 2.19 | 0.917 | 1.10 | 0.758 | 0.358 | 0.253 | 0.171 | 0.422 | 2.43 | 2.33 | 1.27 | | | | | | |
| | 23. | 0.325 | 0.423 | 1.93 | 2.29 | 0.900 | 1.02 | 0.786 | 0.326 | 0.245 | 0.182 | 0.393 | 1.83 | 2.11 | 3.89 | | | | | | |
| | 24. | 0.323 | 0.476 | 1.78 | 2.27 | 0.905 | 1.01 | 1.29 | 0.399 | 0.226 | 0.174 | 0.384 | 1.78 | 2.00 | 7.47 | | | | | | |
| | 25. | 0.322 | 0.668 | 1.68 | 2.68 | 0.860 | 1.24 | 0.795 | 0.573 | 0.223 | 0.171 | 0.807 | 1.28 | 1.67 | 5.71 | | | | | | |
| | 26. | 0.318 | 0.606 | 1.56 | 2.57 | 0.836 | 3.31 | 0.680 | 0.417 | 0.236 | 0.171 | 0.542 | 1.01 | 1.43 | 4.48 | | | | | | |
| | 27. | 0.385 | 0.777 | 1.44 | 2.33 | 0.824 | 3.02 | 0.650 | 1.52 | 0.239 | 0.184 | 0.805 | 0.863 | 1.19 | 3.85 | | | | | | |
| | 28. | 0.409 | 1.17 | 1.33 | 2.23 | 0.831 | 2.28 | 0.617 | 0.548 | 0.228 | 0.181 | 0.896 | 0.765 | 1.09 | 3.08 | | | | | | |
| | 29. | 0.393 | 2.76 | 1.18 | | 0.850 | 1.95 | 0.578 | 0.419 | 0.573 | 0.180 | 0.686 | 0.696 | 1.36 | 2.88 | | | | | | |
| | 30. | 0.615 | 3.38 | 1.12 | | 0.952 | 1.91 | 0.596 | 0.403 | 0.910 | 0.180 | 0.559 | 0.659 | 1.16 | 2.49 | | | | | | |
| | 31. | | 2.72 | 1.51 | | 0.896 | | 0.575 | | 0.377 | 0.256 | | 0.623 | | 2.40 | | | | | | |
| Hauptwerte | Tag | 1. | 22. | 30. | 20. | 27. | 1. | 31. | 23. | 25. | 22.+ | 3. | 13. | 13. | 18. | | | | | | |
| | NQ | 0.312 | 0.403 | 1.12 | 1.84 | 0.824 | 0.918 | 0.575 | 0.326 | 0.223 | 0.171 | 0.175 | 0.386 | 0.440 | 0.651 | | | | | | |
| | MQ | 0.398 | 0.923 | 3.11 | 2.85 | 1.14 | 1.71 | 0.905 | 0.506 | 0.328 | 0.217 | 0.592 | 0.972 | 1.02 | 2.00 | | | | | | |
| | HQ | 1.27 | 3.94 | 11.6 | 7.84 | 2.92 | 6.37 | 2.07 | 2.55 | 3.68 | 0.644 | 4.07 | 9.13 | 2.68 | 8.56 | | | | | | |
| | Tag | 30. | 30. | 4. | 7. | 15.+ | 26. | 21. | 27. | 29. | 5. | 14.+ | 18. | 22. | 23.+ | | | | | | |
| | h _N | mm | | | | | | | | | | | | | | | | | | | |
| | h _A | mm | 4 | 10 | 34 | 28 | 13 | 18 | 10 | 5 | 4 | 2 | 6 | 11 | 11 | 22 | | | | | |
| | | | 1976/2021 | | 1977/2022 | | | | | | | | | | | | 46 Jahre | | | | |
| | Jahr | 1976 | 1978 | 1979 | 1996 | 1986 | 1996 | 1992 | 1998 | 2011 | 1998 | 1997 | 2011 | 2011 + | 1978 | | | | | | |
| | NQ | 0.150 | 0.242 | 0.276 | 0.283 | 0.460 | 0.425 | 0.397 | 0.243 | 0.198 | 0.101 | 0.120 | 0.178 | 0.217 | 0.242 | | | | | | |
| | MNQ | 0.566 | 0.743 | 1.02 | 1.19 | 1.26 | 1.01 | 0.703 | 0.570 | 0.464 | 0.411 | 0.392 | 0.460 | 0.572 | 0.750 | | | | | | |
| | MQ | 1.19 | 2.10 | 2.81 | 2.95 | 2.80 | 1.92 | 1.46 | 1.15 | 0.857 | 0.774 | 0.704 | 0.894 | 1.21 | 2.14 | | | | | | |
| | MHQ | 3.94 | 7.60 | 10.1 | 9.10 | 7.47 | 4.83 | 5.85 | 5.54 | 3.90 | 3.97 | 3.38 | 3.64 | 3.99 | 7.76 | | | | | | |
| | HQ | 17.0 | 30.0 | 45.0 | 24.4 | 23.4 | 19.2 | 43.1 | 20.4 | 18.9 | 28.0 | 11.1 | 13.4 | 17.0 | 30.0 | | | | | | |
| | Jahr | 1998 | 1993 | 2003 | 2010 | 1987 | 1986 | 1978 | 2016 | 2014 | 1981 | 1984 | 1998 | 1998 | 1993 | | | | | | |
| | | 1976/2021 | | 1977/2022 | | | | | | | | | | | | 46 Jahre | | | | | |
| Mh _N | mm | 13 | 23 | 31 | 29 | 31 | 20 | 16 | 12 | 9 | 9 | 7 | 10 | 13 | 23 | | | | | | |
| Mh _A | mm | | | | | | | | | | | | | | | | | | | | |
| | | Abflussjahr (*) | | | | Kalenderjahr | | | | Unterschnittene Abflüsse m ³ /s | | | | | | | | | | | |
| | | 2022 | | | | 2022 | | | | Unter schreitungs dauer in Tagen | | Abflussjahr 2022 | | Kalenderjahr 2022 | | 1977/2022 Obere Hüllwerte | | 46 Kalenderjahre Mittlere Werte | | Untere Hüllwerte | |
| NQ | m ³ /s | 0.171 | am 22.08.2022 | 0.312 | 0.171 | 0.171 | am 22.08.2022 | (365) | 8.16 | 8.16 | 39.5 | 13.7 | 5.95 | | | | | | | | |
| MQ | m ³ /s | 1.13 | | 1.68 | 0.587 | 1.27 | | 364 | 7.49 | 7.49 | 31.5 | 11.5 | 5.89 | | | | | | | | |
| HQ | m ³ /s | 11.6 | am 04.01.2022 bei W= 114 cm | 11.6 | 9.13 | 11.6 | am 04.01.2022 bei W= 114 cm | 362 | 7.41 | 7.47 | 20.5 | 10.3 | 5.17 | | | | | | | | |
| Nq | l/(s km ²) | 0.703 | | 1.28 | 0.703 | 0.703 | | 361 | 7.10 | 7.41 | 18.1 | 9.20 | 4.44 | | | | | | | | |
| Mq | l/(s km ²) | 4.63 | | 6.89 | 2.41 | 5.22 | | 360 | 6.83 | 7.10 | 16.6 | 8.54 | 4.43 | | | | | | | | |
| Hq | l/(s km ²) | 47.7 | | 47.7 | 37.5 | 47.7 | | 359 | 5.83 | 6.83 | 15.2 | 8.09 | 4.02 | | | | | | | | |
| h _N | mm | | | | | | | 358 | 5.57 | 5.83 | 14.5 | 7.63 | 3.76 | | | | | | | | |
| h _A | mm | 146 | | 108 | 38 | 165 | | 357 | 5.32 | 5.71 | 14.4 | 7.27 | 3.60 | | | | | | | | |
| | | 1977/2022 (*) 46 Jahre | | | | 1977/2022 | | | | Dauertabelle | | | | | | | | | | | |
| NQ | m ³ /s | 0.101 | am 07.08.1998 | 0.150 | 0.101 | 0.101 | am 07.08.1998 | 340 | 2.78 | 3.08 | 7.32 | 4.45 | 2.12 | | | | | | | | |
| MNQ | m ³ /s | 0.294 | | 0.517 | 0.310 | 0.301 | | 330 | 2.53 | 2.64 | 6.41 | 3.75 | 1.80 | | | | | | | | |
| MQ | m ³ /s | 1.63 | | 2.29 | 0.974 | 1.63 | | 320 | 2.29 | 2.40 | 5.73 | 3.17 | 1.63 | | | | | | | | |
| MHQ | m ³ /s | 17.3 | | 15.3 | 9.89 | 17.6 | | 300 | 1.95 | 2.12 | 4.79 | 2.44 | 1.27 | | | | | | | | |
| HQ | m ³ /s | 45.0 | am 03.01.2003 bei W= 222 cm | 45.0 | 43.1 | 45.0 | am 03.01.2003 bei W= 222 cm | 270 | 1.33 | 1.67 | 3.74 | 1.81 | 0.963 | | | | | | | | |
| HQ ₂ | m ³ /s | 16.90 | | | | | | 240 | 0.995 | 1.28 | 2.74 | 1.42 | 0.784 | | | | | | | | |
| HQ ₅ | m ³ /s | 22.50 | | | | | | 210 | 0.860 | 0.999 | 2.37 | 1.14 | 0.629 | | | | | | | | |
| MNQ | l/(s km ²) | 1.21 | | 2.12 | 1.27 | 1.24 | | 183 | 0.717 | 0.865 | 2.10 | 0.952 | 0.522 | | | | | | | | |
| Mq | l/(s km ²) | 6.70 | | 9.41 | 4.00 | 6.70 | | 150 | 0.575 | 0.686 | 1.83 | 0.787 | 0.410 | | | | | | | | |
| MHQ | l/(s km ²) | 71.1 | | 62.9 | 40.6 | 72.3 | | 130 | 0.479 | 0.589 | 1.61 | 0.707 | 0.370 | | | | | | | | |
| | | 1977/2022 (*) 46 Jahre | | | | 1977/2022 | | | | Dauertabelle | | | | | | | | | | | |
| Mh _N | mm | 211 | | 147 | 64 | 211 | | 120 | 0.443 | 0.559 | 1.54 | 0.670 | 0.348 | | | | | | | | |
| Mh _A | mm | | | | | | | 110 | 0.411 | 0.513 | 1.46 | 0.633 | 0.325 | | | | | | | | |
| | | Niedrigwasser | | | | Hochwasser | | | | Dauertabelle | | | | | | | | | | | |
| | | m ³ /s | | l/(s km ²) | | Datum | | m ³ /s | | l/(s km ²) | | cm | | Datum | | Dauertabelle | | | | | |
| 1 | 0.101 | 0.415 | 07.08.1998 | 45.0 | 185 | 222 | 03.01.2003 | 10 | 0.180 | 0.180 | 0.794 | 0.291 | 0.161 | | | | | | | | |
| 2 | 0.120 | 0.493 | 28.09.1997 | 43.1 | 177 | 190 | 24.05.1978 | 9 | 0.179 | 0.179 | 0.786 | 0.284 | 0.159 | | | | | | | | |
| 3 | 0.136 | 0.569 | 21.09.2020 | 33.4 | 137 | 191 | 08.01.2011 | 8 | 0.179 | 0.179 | 0.776 | 0.281 | 0.158 | | | | | | | | |
| 4 | 0.169 | 0.694 | 02.11.1976 | 30.0 | 123 | 214 | 21.12.1993 | 7 | 0.178 | 0.178 | 0.770 | 0.272 | 0.150 | | | | | | | | |
| 5 | 0.171 | 0.703 | 22.08.2022 | 28.0 | 115 | 210 | 11.08.1981 | 6 | 0.176 | 0.176 | 0.741 | 0.263 | 0.132 | | | | | | | | |
| 6 | 0.171 | 0.703 | 30.08.1991 | 24.4 | 100 | 164 | 25.02.2010 | 5 | 0.175 | 0.175 | 0.664 | 0.235 | 0.127 | | | | | | | | |
| 7 | 0.178 | 0.731 | 05.10.2011 | 24.0 | 98.6 | 192 | 31.05.1984 | 3 | 0.174 | 0.174 | 0.652 | 0.221 | 0.115 | | | | | | | | |
| 8 | 0.184 | 0.756 | 11.08.2003 | 23.4 | 96.1 | 188 | 03.03.1987 | 2 | 0.174 | 0.174 | 0.643 | 0.209 | 0.115 | | | | | | | | |
| 9 | 0.203 | 0.834 | 04.10.2021 | 22.6 | 92.9 | 154 | 30.05.2016 | 1 | 0.174 | 0.174 | 0.636 | 0.172 | 0.107 | | | | | | | | |
| 10 | 0.216 | 0.888 | 20.09.2012 | 22.0 | 90.4 | 152 | 29.01.2021 | 0 | 0.171 | 0.171 | 0.633 | 0.101 | 0.101 | | | | | | | | |

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

Extremwerte ab 1977

HQ2, HQ5 : Jahresreihe 1977 / 2022