

A<sub>Eo</sub> : 4492 km<sup>2</sup>

PNP : NN + 44.57 m

Lage: 177.8 km oberhalb der Mündung links



Pegel : Lübben, Zusammenfluss

Nr. 5823800

Gewässer : Spree

Gebiet : Spree

|             | Tag  | 1998          |                 | 1999          |            |            |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|-------------|------|---------------|-----------------|---------------|------------|------------|--------------|---------------|--------------|--------------------------------------------|---------------------------------|---------------------------|---------------------------------|---------------------------------------|---------------------|-----|
|             |      | Nov           | Dez             | Jan           | Feb        | Mrz        | Apr          | Mai           | Jun          | Jul                                        | Aug                             | Sep                       | Okt                             | Nov                                   | Dez                 |     |
| Tageswerte  | 1.   | 302           | 309             | 309           | 299        | 305        | 294          | 309           | 307          | 315                                        | 300                             | 311                       | 307                             | 304                                   | 312                 |     |
|             | 2.   | 302           | 309             | 308           | 305        | 310        | 301          | 314           | 307          | 314                                        | 299                             | 311                       | 304                             | 305                                   | 311                 |     |
|             | 3.   | 307           | 306             | 306           | 309        | 316        | 305          | 313           | 311          | 313                                        | 297                             | 313                       | 302                             | 311                                   | 307                 |     |
|             | 4.   | 313           | 315             | 306           | 308        | 314        | 310          | 309           | 316          | 313                                        | 297                             | 312                       | 303                             | 311                                   | 307                 |     |
|             | 5.   | 308           | 318             | 305           | 315        | 319        | 316          | 306           | 314          | 312                                        | 296                             | 311                       | 318                             | 312                                   | 307                 |     |
|             | 6.   | 299           | 320             | 305           | 321        | 322        | 310          | 307           | 312          | 313                                        | 296                             | 310                       | 299                             | 307                                   | 306                 |     |
|             | 7.   | 291           | 321             | 303           | 328        | 323        | 315          | 309           | 309          | 315                                        | 297                             | 311                       | 312                             | 305                                   | 306                 |     |
|             | 8.   | 288           | 314             | 297           | 328        | 319        | 312          | 308           | 305          | 310                                        | 299                             | 305                       | 313                             | 303                                   | 306                 |     |
|             | 9.   | 297           | 314             | 304           | 320        | 318        | 314          | 307           | 310          | 300                                        | 300                             | 306                       | 313                             | 301                                   | 309                 |     |
|             | 10.  | 305           | 309             | 313           | 313        | 313        | 313          | 309           | 310          | 305                                        | 304                             | 305                       | 313                             | 298                                   | 310                 |     |
|             | 11.  | 304           | 311             | 312           | 310        | 319        | 306          | 311           | 311          | 308                                        | 304                             | 305                       | 314                             | 295                                   | 308                 |     |
|             | 12.  | 305           | 311             | 308           | 309        | 310        | 304          | 310           | 310          | 311                                        | 306                             | 305                       | 312                             | 300                                   | 309                 |     |
|             | 13.  | 301           | 311             | 306           | 305        | 308        | 319          | 310           | 309          | 315                                        | 304                             | 304                       | 308                             | 309                                   | 310                 |     |
|             | 14.  | 300           | 326             | 304           | 302        | 307        | 312          | 308           | 312          | 316                                        | 303                             | 304                       | 304                             | 309                                   | 310                 |     |
|             | 15.  | 298           | 327             | 304           | 303        | 305        | 313          | 308           | 311          | 315                                        | 302                             | 303                       | 309                             | 308                                   | 311                 |     |
|             | 16.  | 302           | 312             | 307           | 309        | 306        | 309          | 309           | 310          | 314                                        | 303                             | 300                       | 306                             | 305                                   | 310                 |     |
|             | 17.  | 304           | 304             | 310           | 318        | 306        | 316          | 309           | 308          | 312                                        | 309                             | 305                       | 304                             | 311                                   | 309                 |     |
|             | 18.  | 305           | 300             | 310           | 301        | 295        | 319          | 309           | 306          | 311                                        | 310                             | 308                       | 304                             | 309                                   | 308                 |     |
|             | 19.  | 307           | 308             | 309           | 302        | 289        | 299          | 310           | 306          | 309                                        | 311                             | 311                       | 304                             | 310                                   | 308                 |     |
|             | 20.  | 304           | 317             | 307           | 307        | 299        | 311          | 309           | 307          | 303                                        | 312                             | 314                       | 304                             | 311                                   | 305                 |     |
|             | 21.  | 304           | 316             | 307           | 313        | 310        | 303          | 307           | 308          | 310                                        | 312                             | 319                       | 304                             | 311                                   | 305                 |     |
|             | 22.  | 305           | 314             | 306           | 316        | 313        | 306          | 307           | 310          | 303                                        | 311                             | 313                       | 303                             | 313                                   | 304                 |     |
|             | 23.  | 303           | 312             | 306           | 316        | 312        | 306          | 308           | 316          | 301                                        | 312                             | 313                       | 304                             | 313                                   | 303                 |     |
|             | 24.  | 304           | 309             | 307           | 314        | 312        | 309          | 309           | 315          | 306                                        | 311                             | 311                       | 303                             | 312                                   | 304                 |     |
|             | 25.  | 309           | 306             | 305           | 309        | 308        | 312          | 310           | 313          | 311                                        | 310                             | 312                       | 302                             | 311                                   | 305                 |     |
|             | 26.  | 310           | 305             | 306           | 304        | 301        | 311          | 307           | 313          | 311                                        | 312                             | 311                       | 307                             | 309                                   | 307                 |     |
|             | 27.  | 309           | 306             | 303           | 305        | 304        | 306          | 307           | 314          | 314                                        | 311                             | 311                       | 306                             | 309                                   | 312                 |     |
|             | 28.  | 311           | 307             | 307           | 306        | 307        | 307          | 303           | 313          | 308                                        | 309                             | 315                       | 304                             | 310                                   | 313                 |     |
|             | 29.  | 312           | 304             | 304           | 306        | 306        | 308          | 302           | 315          | 301                                        | 309                             | 316                       | 303                             | 310                                   | 313                 |     |
|             | 30.  | 312           | 312             | 302           | 307        | 306        | 306          | 301           | 316          | 301                                        | 309                             | 316                       | 303                             | 310                                   | 313                 |     |
|             | 31.  |               | 310             | 300           |            | 293        |              | 304           |              | 301                                        | 310                             |                           | 302                             |                                       | 312                 |     |
| Hauptwerte  | Tag  | 8.            | 18.             | 8.            | 1.         | 19.        | 1.           | 30.           | 8.           | 9.                                         | 5.+                             | 16.                       | 6.                              | 11.                                   | 23.                 |     |
|             | NW   | 288           | 300             | 297           | 299        | 289        | 294          | 301           | 305          | 300                                        | 296                             | 300                       | 299                             | 295                                   | 303                 |     |
|             | MW   | 304           | 312             | 306           | 310        | 309        | 309          | 308           | 311          | 309                                        | 305                             | 310                       | 306                             | 308                                   | 308                 |     |
|             | HW   | 313           | 327             | 313           | 328        | 323        | 319          | 314           | 316          | 316                                        | 312                             | 319                       | 318                             | 315                                   | 313                 |     |
|             | Tag  | 4.            | 15.             | 10.           | 7.+        | 7.         | 13.+         | 2.            | 4.+          | 14.                                        | 20.+                            | 21.                       | 5.                              | 4.                                    | 4.+                 |     |
|             |      | 1989/1998     |                 | 1990/1999     |            |            |              |               |              | 10 Jahre                                   |                                 |                           |                                 |                                       |                     |     |
|             | Jahr | 1990          | 1990            | 1991          | 1994       | 1994 +     | 1996         | 1992          | 1995         | 1991                                       | 1994                            | 1994                      | 1992                            | 1990                                  | 1990                |     |
|             | NW   | 274           | 276             | 259           | 268        | 287        | 290          | 256           | 285          | 285                                        | 282                             | 279                       | 276                             | 274                                   | 276                 |     |
|             | MNW  | 290           | 293             | 290           | 291        | 294        | 298          | 294           | 295          | 297                                        | 298                             | 298                       | 292                             | 289                                   | 293                 |     |
|             | MW   | 300           | 303             | 302           | 301        | 307        | 308          | 308           | 308          | 308                                        | 307                             | 308                       | 302                             | 299                                   | 303                 |     |
|             | MHW  | 311           | 318             | 314           | 318        | 323        | 321          | 319           | 321          | 320                                        | 317                             | 319                       | 314                             | 309                                   | 317                 |     |
|             | HW   | 333           | 330             | 345           | 340        | 369        | 372          | 327           | 346          | 331                                        | 328                             | 326                       | 329                             | 316                                   | 330                 |     |
|             | Jahr | 1989          | 1993            | 1994          | 1996       | 1994       | 1994         | 1996          | 1995         | 1996                                       | 1990                            | 1998                      | 1992                            | 1991                                  | 1993                |     |
| Hauptwerte  |      |               | Abflussjahr (*) |               |            |            | Kalenderjahr |               | Dauertabelle | Unter<br>schreitungs-<br>dauer<br>in Tagen | Unterschrittene Wasserstände cm |                           |                                 |                                       |                     |     |
|             |      |               | 1999            |               |            |            | 1999         |               |              |                                            | Abfluss-<br>jahr (*)<br>1999    | Kalender-<br>jahr<br>1999 | 1990/1999<br>Obere<br>Hüllwerte | 10 Kalenderjahre<br>Mittlere<br>Werte | Untere<br>Hüllwerte |     |
|             | Jahr | Datum         | Winter          | Sommer        | Jahr       | Datum      |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | NW   | cm            | 288             | am 08.11.1998 | 288        | 296        | 289          | am 19.03.1999 |              |                                            | (365)                           | 329                       | 329                             | 372                                   | 366                 | 319 |
|             | MW   | cm            | 308             |               | 308        | 308        | 308          |               |              |                                            | 364                             | 328                       | 328                             | 371                                   | 347                 | 318 |
|             | HW   | cm            | 328             | am 07.02.1999 | 328        | 319        | 328          | am 07.02.1999 |              |                                            | 362                             | 327                       | 323                             | 371                                   | 342                 | 318 |
|             |      |               |                 |               |            |            |              |               |              |                                            | 361                             | 326                       | 322                             | 371                                   | 338                 | 318 |
|             |      |               |                 |               |            |            |              |               |              |                                            | 360                             | 323                       | 321                             | 371                                   | 334                 | 318 |
|             |      |               |                 |               |            |            |              |               |              |                                            | 359                             | 322                       | 320                             | 371                                   | 330                 | 317 |
|             |      |               |                 |               |            |            |              |               |              |                                            | 358                             | 322                       | 320                             | 369                                   | 327                 | 317 |
|             |      |               |                 |               |            |            |              |               | 357          | 321                                        | 320                             | 369                       | 326                             | 316                                   |                     |     |
|             |      |               |                 |               |            |            |              |               | 356          | 321                                        | 320                             | 369                       | 324                             | 316                                   |                     |     |
|             |      |               |                 |               |            |            |              |               | 350          | 320                                        | 318                             | 363                       | 321                             | 315                                   |                     |     |
|             |      |               |                 |               |            |            |              | 340           | 317          | 318                                        | 345                             | 318                       | 312                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 330           | 316          | 315                                        | 338                             | 316                       | 311                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 320           | 315          | 315                                        | 329                             | 315                       | 310                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 300           | 314          | 314                                        | 318                             | 314                       | 309                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 270           | 313          | 312                                        | 316                             | 312                       | 307                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 240           | 312          | 311                                        | 315                             | 310                       | 306                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 210           | 310          | 310                                        | 314                             | 308                       | 304                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 183           | 310          | 310                                        | 312                             | 307                       | 303                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 150           | 308          | 308                                        | 308                             | 305                       | 300                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 130           | 307          | 307                                        | 307                             | 304                       | 298                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 120           | 307          | 307                                        | 307                             | 303                       | 297                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 110           | 306          | 307                                        | 307                             | 302                       | 296                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 100           | 306          | 306                                        | 306                             | 302                       | 295                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 90            | 305          | 306                                        | 306                             | 301                       | 295                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 80            | 305          | 305                                        | 305                             | 300                       | 294                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 70            | 305          | 305                                        | 305                             | 299                       | 294                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 60            | 304          | 305                                        | 305                             | 298                       | 292                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 50            | 304          | 304                                        | 304                             | 296                       | 288                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 40            | 303          | 303                                        | 303                             | 295                       | 282                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 30            | 302          | 302                                        | 302                             | 293                       | 279                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 25            | 301          | 302                                        | 302                             | 291                       | 279                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 20            | 300          | 301                                        | 301                             | 289                       | 279                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 15            | 300          | 300                                        | 300                             | 287                       | 278                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 10            | 298          | 298                                        | 298                             | 284                       | 276                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 9             | 298          | 298                                        | 298                             | 283                       | 275                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 8             | 297          | 298                                        | 298                             | 282                       | 275                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 7             | 297          | 297                                        | 297                             | 281                       | 274                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 6             | 296          | 297                                        | 297                             | 280                       | 274                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 5             | 295          | 296                                        | 297                             | 279                       | 273                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 4             | 294          | 296                                        | 296                             | 279                       | 272                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 3             | 293          | 295                                        | 296                             | 278                       | 271                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 2             | 291          | 294                                        | 296                             | 276                       | 269                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 1             | 289          | 293                                        | 296                             | 273                       | 265                             |                                       |                     |     |
|             |      |               |                 |               |            |            |              | 0             | 288          | 289                                        | 295                             | 256                       | 256                             |                                       |                     |     |
| Extremwerte |      | Niedrigwasser |                 |               |            | Hochwasser |              |               |              | Dauertabelle                               |                                 |                           |                                 |                                       |                     |     |
|             |      | cm            | Datum           |               | cm         | Datum      |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 1    | 242           | 25.11.1983      |               | 452        | 02.08.1981 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 2    | 243           | 14.05.1985      |               | 452        | 16.12.1974 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 3    | 243           | 02.06.1982      |               | 448        | 08.01.1975 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 4    | 244           | 04.01.1973      |               | 434        | 26.01.1976 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 5    | 245           | 07.11.1976      |               | 428        | 12.01.1987 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 6    | 248           | 23.02.1984      |               | 428        | 12.01.1982 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 7    | 248           | 31.05.1978      |               | 426        | 21.03.1979 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
|             | 8    | 250           | 25.05.1980      |               | 423        | 12.08.1978 |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
| 9           | 250  | 24.05.1979    |                 | 416           | 12.02.1980 |            |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |
| 10          | 253  | 05.04.1974    |                 | 415           | 15.12.1981 |            |              |               |              |                                            |                                 |                           |                                 |                                       |                     |     |

Extremwerte ab 1971 HW sind Tagesmittel

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

Q s.S. 113

LUGV Brandenburg

Bearbeitungsstand 4.6.2011

A<sub>E0</sub> : 4492 km<sup>2</sup>

PNP : NN + 44.57 m

Lage: 177.8 km oberhalb der Mündung links

m<sup>3</sup>/s

Pegel : Lübben, Zusammenfluß

Nr. 5823800

Gewässer : Spree

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|                        | Tag                | 1998           |                    | 1999          |            |              |               |                    |                   |      |                                            |                               |                           |                            |      |  |
|------------------------|--------------------|----------------|--------------------|---------------|------------|--------------|---------------|--------------------|-------------------|------|--------------------------------------------|-------------------------------|---------------------------|----------------------------|------|--|
|                        |                    | Nov            | Dez                | Jan           | Feb        | Mrz          | Apr           | Mai                | Jun               | Jul  | Aug                                        | Sep                           | Okt                       | Nov                        | Dez  |  |
| Tageswerte             | 1.                 | 29.5           | 19.4               | 27.8          | 26.4       | 37.6         | 23.4          | 9.10               | 7.48              | 6.71 | 5.42                                       | 6.44                          | 9.35                      | 9.31                       | 11.5 |  |
|                        | 2.                 | 32.5           | 18.9               | 27.4          | 26.6       | 39.1         | 22.8          | 8.97               | 7.48              | 6.53 | 5.27                                       | 6.62                          | 8.39                      | 9.70                       | 11.5 |  |
|                        | 3.                 | 35.4           | 16.4               | 27.3          | 26.9       | 40.8         | 23.4          | 9.21               | 7.48              | 6.30 | 4.80                                       | 6.71                          | 8.39                      | 13.0                       | 10.2 |  |
|                        | 4.                 | 36.8           | 12.3               | 27.7          | 27.9       | 41.4         | 23.4          | 8.62               | 7.48              | 6.20 | 4.80                                       | 6.53                          | 9.71                      | 14.0                       | 10.2 |  |
|                        | 5.                 | 35.2           | 11.7               | 28.3          | 29.1       | 43.4         | 24.0          | 7.14               | 6.99              | 6.00 | 4.56                                       | 6.36                          | 11.8                      | 15.1                       | 10.2 |  |
|                        | 6.                 | 33.1           | 12.6               | 28.0          | 30.0       | 43.5         | 25.4          | 6.94               | 6.62              | 6.53 | 4.80                                       | 6.19                          | 8.83                      | 14.1                       | 10.0 |  |
|                        | 7.                 | 30.9           | 13.4               | 26.9          | 31.9       | 43.6         | 25.1          | 6.94               | 6.28              | 7.00 | 5.20                                       | 6.19                          | 10.2                      | 13.3                       | 10.0 |  |
|                        | 8.                 | 29.1           | 12.5               | 27.9          | 33.5       | 43.2         | 22.5          | 6.95               | 6.28              | 8.10 | 5.50                                       | 6.02                          | 11.7                      | 12.5                       | 10.8 |  |
|                        | 9.                 | 28.3           | 12.3               | 28.5          | 33.6       | 42.8         | 24.6          | 7.05               | 6.50              | 7.47 | 5.64                                       | 5.86                          | 11.6                      | 12.0                       | 11.0 |  |
|                        | 10.                | 26.1           | 12.0               | 28.5          | 32.0       | 38.8         | 23.9          | 7.05               | 6.40              | 8.33 | 6.10                                       | 5.64                          | 11.7                      | 11.5                       | 11.5 |  |
|                        | 11.                | 26.5           | 11.6               | 28.7          | 31.0       | 32.2         | 23.4          | 7.05               | 6.36              | 8.33 | 6.30                                       | 5.95                          | 12.0                      | 11.0                       | 11.0 |  |
|                        | 12.                | 27.9           | 11.7               | 28.5          | 30.8       | 29.8         | 19.8          | 6.96               | 6.71              | 8.22 | 6.62                                       | 5.79                          | 12.2                      | 10.1                       | 11.1 |  |
|                        | 13.                | 28.4           | 13.0               | 28.1          | 30.3       | 30.6         | 19.1          | 6.96               | 6.50              | 8.90 | 6.25                                       | 5.64                          | 10.7                      | 12.0                       | 11.1 |  |
|                        | 14.                | 28.1           | 24.9               | 28.0          | 29.2       | 30.5         | 16.3          | 6.66               | 6.44              | 8.90 | 6.11                                       | 5.64                          | 9.61                      | 12.0                       | 11.1 |  |
|                        | 15.                | 28.0           | 26.7               | 28.9          | 28.3       | 29.4         | 16.4          | 6.40               | 6.44              | 8.68 | 6.19                                       | 5.54                          | 9.20                      | 12.1                       | 11.1 |  |
|                        | 16.                | 28.3           | 26.3               | 28.8          | 28.4       | 29.3         | 14.5          | 6.49               | 6.30              | 7.79 | 6.19                                       | 5.62                          | 9.30                      | 9.40                       | 10.9 |  |
|                        | 17.                | 28.0           | 30.0               | 29.0          | 31.9       | 30.3         | 15.8          | 5.95               | 5.90              | 7.38 | 7.28                                       | 6.39                          | 9.05                      | 10.8                       | 10.9 |  |
|                        | 18.                | 25.5           | 28.8               | 28.8          | 31.3       | 31.1         | 20.9          | 6.14               | 5.70              | 7.60 | 6.90                                       | 6.56                          | 9.66                      | 11.0                       | 10.8 |  |
|                        | 19.                | 22.6           | 29.0               | 28.3          | 32.4       | 33.2         | 19.0          | 6.68               | 5.86              | 7.00 | 7.09                                       | 7.29                          | 7.20                      | 11.5                       | 10.8 |  |
|                        | 20.                | 20.5           | 29.1               | 28.2          | 34.8       | 34.8         | 17.1          | 6.48               | 5.70              | 6.62 | 6.71                                       | 6.69                          | 7.00                      | 11.8                       | 10.5 |  |
|                        | 21.                | 20.4           | 28.8               | 28.0          | 36.8       | 35.2         | 14.8          | 6.06               | 6.44              | 6.80 | 6.71                                       | 7.20                          | 7.10                      | 12.0                       | 11.0 |  |
|                        | 22.                | 18.9           | 28.5               | 27.9          | 38.5       | 36.1         | 15.0          | 6.26               | 7.00              | 6.11 | 6.90                                       | 7.10                          | 7.00                      | 12.3                       | 11.7 |  |
|                        | 23.                | 17.8           | 28.3               | 28.3          | 40.2       | 35.8         | 14.6          | 6.60               | 6.94              | 5.64 | 7.09                                       | 7.19                          | 6.90                      | 12.3                       | 12.3 |  |
|                        | 24.                | 15.3           | 28.5               | 28.3          | 40.3       | 35.5         | 15.8          | 6.60               | 6.79              | 6.40 | 6.90                                       | 6.82                          | 6.70                      | 11.8                       | 12.8 |  |
|                        | 25.                | 16.9           | 27.0               | 28.0          | 39.4       | 34.6         | 15.4          | 6.92               | 6.10              | 6.53 | 6.53                                       | 6.42                          | 6.64                      | 11.8                       | 13.5 |  |
|                        | 26.                | 17.8           | 26.9               | 27.9          | 37.6       | 32.9         | 14.8          | 6.90               | 6.10              | 6.90 | 6.44                                       | 6.91                          | 6.90                      | 11.0                       | 15.6 |  |
|                        | 27.                | 17.8           | 26.9               | 27.4          | 37.6       | 32.9         | 14.0          | 6.00               | 6.27              | 7.10 | 6.62                                       | 7.57                          | 7.57                      | 10.5                       | 20.2 |  |
|                        | 28.                | 18.4           | 27.4               | 28.0          | 37.9       | 33.2         | 11.6          | 5.30               | 6.61              | 5.75 | 6.37                                       | 7.78                          | 7.78                      | 10.8                       | 21.0 |  |
|                        | 29.                | 18.3           | 27.1               | 27.3          | 33.7       | 33.7         | 9.00          | 5.74               | 7.36              | 5.14 | 6.37                                       | 7.67                          | 7.50                      | 10.8                       | 25.0 |  |
|                        | 30.                | 18.9           | 27.8               | 27.0          | 33.4       | 33.4         | 8.07          | 5.95               | 6.80              | 5.56 | 6.10                                       | 8.41                          | 7.57                      | 10.8                       | 25.7 |  |
|                        | 31.                |                | 28.2               | 26.8          |            | 28.5         |               | 6.42               |                   | 5.60 | 6.29                                       |                               | 8.31                      |                            | 25.5 |  |
| Hauptwerte             | Tag                | 24.            | 11.                | 31.           | 1.         | 31.          | 30.           | 28.                | 18.+              | 29.  | 5.                                         | 15.                           | 25.                       | 1.                         | 6.+  |  |
|                        | NQ                 | 15.3           | 11.6               | 26.8          | 26.4       | 28.5         | 8.07          | 5.30               | 5.70              | 5.14 | 4.56                                       | 5.54                          | 6.64                      | 9.31                       | 10.0 |  |
|                        | MQ                 | 25.4           | 21.9               | 28.0          | 32.7       | 35.4         | 18.5          | 6.85               | 6.58              | 6.97 | 6.13                                       | 6.56                          | 8.95                      | 11.7                       | 13.2 |  |
|                        | HQ                 | 36.8           | 30.0               | 29.0          | 40.3       | 43.6         | 25.4          | 9.21               | 7.48              | 8.90 | 7.28                                       | 8.41                          | 12.2                      | 15.1                       | 25.7 |  |
|                        | Tag                | 4.             | 17.                | 17.           | 24.        | 7.           | 6.            | 3.                 | 1.+               | 13.+ | 17.                                        | 30.                           | 12.                       | 5.                         | 30.  |  |
|                        | h <sub>N</sub> mm  |                |                    |               |            |              |               |                    |                   |      |                                            |                               |                           |                            |      |  |
|                        | h <sub>A</sub> mm  | 15             | 13                 | 17            | 18         | 21           | 11            | 4                  | 4                 | 4    | 4                                          | 4                             | 5                         | 7                          | 8    |  |
|                        | 1970/1998          |                | 1971/1999 29 Jahre |               |            |              |               |                    |                   |      |                                            |                               |                           |                            |      |  |
|                        | Jahr               | 1997           | 1996               | 1997          | 1993       | 1997         | 1999          | 1999               | 1992              | 1992 | 1998                                       | 1999                          | 1999                      | 1997                       | 1996 |  |
|                        | NQ                 | 9.13           | 9.80               | 7.77          | 8.12       | 13.0         | 8.07          | 5.30               | 3.73              | 4.03 | 3.86                                       | 5.54                          | 6.64                      | 9.13                       | 9.80 |  |
|                        | MNQ                | 22.1           | 23.8               | 27.8          | 25.3       | 24.8         | 20.1          | 15.1               | 13.8              | 11.2 | 12.3                                       | 15.8                          | 19.9                      | 21.6                       | 23.5 |  |
|                        | MQ                 | 27.9           | 32.6               | 36.5          | 32.7       | 32.8         | 28.5          | 21.9               | 19.0              | 16.6 | 18.7                                       | 20.8                          | 24.8                      | 27.2                       | 32.0 |  |
|                        | MHQ                | 34.2           | 42.0               | 47.1          | 43.2       | 41.2         | 38.9          | 31.5               | 27.0              | 26.8 | 27.9                                       | 27.9                          | 32.3                      | 33.5                       | 41.6 |  |
|                        | HQ                 | 82.6           | 125                | 116           | 72.8       | 79.6         | 69.5          | 56.3               | 72.0              | 116  | 120                                        | 49.2                          | 70.0                      | 82.6                       | 125  |  |
|                        | Jahr               | 1974           | 1974               | 1975          | 1976       | 1994         | 1994          | 1980               | 1986              | 1981 | 1981                                       | 1978                          | 1974                      | 1974                       | 1974 |  |
|                        | 1970/1998          |                | 1971/1999 29 Jahre |               |            |              |               |                    |                   |      |                                            |                               |                           |                            |      |  |
|                        | Mh <sub>N</sub> mm |                |                    |               |            |              |               |                    |                   |      |                                            |                               |                           |                            |      |  |
|                        | Mh <sub>A</sub> mm | 16             | 19                 | 22            | 18         | 20           | 16            | 13                 | 11                | 10   | 11                                         | 12                            | 15                        | 16                         | 19   |  |
|                        | Dauertabelle       | Abflußjahr (*) |                    |               |            | Kalenderjahr |               |                    |                   |      | Unter<br>schreitungs-<br>dauer<br>in Tagen | Unterschrittene Abflüsse m³/s |                           |                            |      |  |
|                        |                    | 1999           |                    |               |            | 1999         |               |                    |                   |      |                                            | Abfluß-<br>jahr (*)<br>1999   | Kalender-<br>jahr<br>1999 | 1971/1999 29 Kalenderjahre |      |  |
|                        |                    | Jahr           | Datum              | Winter        | Sommer     | Jahr         | Datum         | Obere<br>Hüllwerte | Mittlere<br>Werte |      |                                            |                               |                           | Untere<br>Hüllwerte        |      |  |
|                        |                    | NQ m³/s        | 4.56               | am 05.08.1999 | 8.07       | 4.56         | am 05.08.1999 | 43.6               | 43.6              |      |                                            | 125                           | 102                       | 27.7                       |      |  |
|                        |                    | MQ m³/s        | 16.9               | am 07.03.1999 | 26.9       | 7.01         | am 07.03.1999 | 43.5               | 43.5              |      |                                            | 125                           | 85.6                      | 26.9                       |      |  |
|                        |                    | HQ m³/s        | 43.6               | bei W= 323 cm | 43.6       | 12.2         | bei W= 323 cm | 43.4               | 43.4              |      |                                            | 122                           | 77.4                      | 26.8                       |      |  |
|                        |                    | Nq l/(s km²)   | 1.02               |               | 1.80       | 1.02         |               | 43.2               | 43.2              |      |                                            | 122                           | 73.6                      | 26.8                       |      |  |
|                        |                    | Mq l/(s km²)   | 3.76               |               | 5.99       | 1.56         |               | 42.8               | 42.8              |      |                                            | 122                           | 70.4                      | 26.5                       |      |  |
| Hq l/(s km²)           |                    | 9.71           |                    | 9.71          | 2.72       |              | 41.4          | 41.4               | 122               |      |                                            | 68.8                          | 26.4                      |                            |      |  |
| h <sub>N</sub> mm      |                    |                |                    |               |            |              | 40.8          | 40.8               | 120               |      |                                            | 67.2                          | 26.4                      |                            |      |  |
| h <sub>A</sub> mm      |                    | 118            |                    | 94            | 25         | 106          | 40.3          | 40.3               | 120               |      |                                            | 65.2                          | 26.0                      |                            |      |  |
| 1971/1999 (*) 29 Jahre |                    |                |                    | 1971/1999     |            |              |               | 40.2               | 40.2              |      |                                            | 116                           | 64.2                      | 25.9                       |      |  |
|                        |                    |                |                    |               |            |              |               | 350                | 37.9              |      |                                            | 110                           | 56.0                      | 25.3                       |      |  |
|                        |                    |                |                    |               |            |              |               | 340                | 35.2              |      |                                            | 34.6                          | 81.2                      | 47.7                       | 24.7 |  |
|                        |                    |                |                    |               |            |              |               | 330                | 33.1              |      |                                            | 32.2                          | 72.0                      | 42.7                       | 23.9 |  |
|                        |                    |                |                    |               |            |              |               | 320                | 31.1              |      |                                            | 30.5                          | 69.2                      | 39.1                       | 20.9 |  |
|                        |                    |                |                    |               |            |              |               | 300                | 28.9              |      |                                            | 28.4                          | 66.4                      | 35.2                       | 17.8 |  |
|                        |                    |                |                    |               |            |              |               | 270                | 28.1              |      |                                            | 25.0                          | 61.0                      | 31.4                       | 14.6 |  |
|                        |                    |                |                    |               |            |              |               | 240                | 25.5              |      |                                            | 14.1                          | 54.0                      | 28.3                       | 13.3 |  |
|                        |                    |                |                    |               |            |              |               | 210                | 16.9              |      |                                            | 11.5                          | 44.4                      | 25.7                       | 11.1 |  |
|                        |                    |                |                    |               |            |              |               | 183                | 11.7              |      |                                            | 10.1                          | 41.4                      | 23.9                       | 10.1 |  |
|                        |                    |                |                    |               |            |              |               | 150                | 7.78              |      |                                            | 7.78                          | 35.8                      | 21.6                       | 7.78 |  |
|                        |                    |                |                    |               |            |              |               | 120                | 7.14              |      |                                            | 7.14                          | 35.8                      | 20.1                       | 7.14 |  |
|                        |                    |                |                    |               |            |              |               | 120                | 7.05              |      |                                            | 7.05                          | 33.2                      | 19.2                       | 7.05 |  |
|                        |                    |                |                    |               |            |              |               | 110                | 6.91              |      |                                            | 6.91                          | 32.5                      | 18.3                       | 6.91 |  |
|                        |                    |                |                    |               |            |              |               | 100                | 6.82              |      |                                            | 6.82                          | 31.8                      | 17.3                       | 6.82 |  |
|                        |                    |                |                    |               |            |              |               | 90                 | 6.68              | 6.68 | 30.7                                       | 16.6                          | 6.68                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 80                 | 6.60              | 6.60 | 27.9                                       | 15.6                          | 6.60                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 70                 | 6.48              | 6.48 | 27.4                                       | 14.7                          | 6.18                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 60                 | 6.40              | 6.40 | 27.3                                       | 13.5                          | 6.01                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 50                 | 6.29              | 6.29 | 25.6                                       | 12.4                          | 5.92                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 40                 | 6.14              | 6.14 | 25.1                                       | 11.4                          | 5.65                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 30                 | 6.00              | 6.00 | 24.3                                       | 10.1                          | 5.40                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 25                 | 5.90              | 5.90 | 24.3                                       | 9.22                          | 5.34                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 20                 | 5.74              | 5.74 | 23.9                                       | 8.50                          | 5.20                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 15                 | 5.70              | 5.70 | 23.0                                       | 7.58                          | 5.09                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 10                 | 5.54              | 5.54 | 20.3                                       | 6.67                          | 4.77                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 9                  | 5.50              | 5.50 | 20.1                                       | 6.53                          | 4.69                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 8                  | 5.42              | 5.42 | 19.8                                       | 6.37                          | 4.61                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 7                  | 5.30              | 5.30 | 19.7                                       | 6.17                          | 4.44                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 6                  | 5.27              | 5.27 | 19.7                                       | 6.01                          | 4.41                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 5                  | 5.20              | 5.20 | 19.6                                       | 5.85                          | 4.41                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 4                  | 5.14              | 5.14 | 19.5                                       | 5.65                          | 4.39                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 3                  | 5.14              | 5.14 | 19.2                                       | 5.46                          | 4.20                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 2                  | 5.14              | 5.14 | 19.0                                       | 5.27                          | 4.19                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 1                  | 4.80              | 4.80 | 18.7                                       | 4.81                          | 4.03                      |                            |      |  |
|                        |                    |                |                    |               |            |              |               | 0                  | 4.56              | 4.56 | 18.4                                       | 3.73                          | 3.73                      |                            |      |  |
| Extremwerte            | Niedrigwasser      |                |                    |               | Hochwasser |              |               |                    |                   |      |                                            |                               |                           |                            |      |  |
|                        |                    | m³/s           | l/(s km²)          | Datum         | m³/s       | l/(s km²)    | cm            | Datum              |                   |      |                                            |                               |                           |                            |      |  |
|                        | 1                  | 3.26           | 0.726              | 14.07.1968    | 125        | 27.8         | 452           | 16.12.1974         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 2                  | 3.73           | 0.830              | 30.06.1992    | 120        | 26.7         | 452           | 02.08.1981         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 3                  | 3.86           | 0.859              | 12.08.1998    | 116        | 25.8         | 448           | 08.01.1975         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 4                  | 4.00           | 0.890              | 06.08.1971    | 90.4       | 20.1         | 434           | 26.01.1976         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 5                  | 4.56           | 1.02               | 05.08.1999    | 90.0       | 20.0         | 428           | 12.01.1987         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 6                  | 4.80           | 1.07               | 31.07.1976    | 82.6       | 18.4         | 429           | 05.11.1974         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 7                  | 5.02           | 1.12               | 04.08.1994    | 82.0       | 18.3         | 417           | 14.01.1982         |                   |      |                                            |                               |                           |                            |      |  |
|                        | 8                  | 5.05           | 1.12               | 01.06.1997    | 79.6       | 17.7         | 369           | 23.03.1994         |                   |      |                                            |                               |                           |                            |      |  |
| 9                      | 5.76               | 1.28           | 31.08.1973         | 78.4          | 17.5       | 426          | 21.03.1979    |                    |                   |      |                                            |                               |                           |                            |      |  |
| 10                     | 6.00               | 1.34           | 15.08.1969         | 75.6          | 16.8       | 424          | 13.08.1978    |                    |                   |      |                                            |                               |                           |                            |      |  |