

A<sub>E0</sub> : 1230 km<sup>2</sup>

PNP :NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Nr. 16605006

Gewässer: Amper

Gebiet : Isar

| Tag             | 2005                   |                        | 2006                        |                    |                   |                        |                             |            |                             |  |                  |                 |                   |                  |                            |  |  |
|-----------------|------------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|-----------------------------|------------|-----------------------------|--|------------------|-----------------|-------------------|------------------|----------------------------|--|--|
|                 | Nov                    | Dez                    | Jan                         | Feb                | Mrz               | Apr                    | Mai                         | Jun        | Jul                         | Aug  | Sep              | Okt             | Nov               | Dez              |                            |  |  |
| 1.              | 11.0                   | 7.35                   | 13.7                        | R9.11              | 15.2              | 45.3                   | 57.8                        | 36.1       | 21.9                        | 9.26                                       | 27.9             | 14.9            | 10.2              | 11.6             |                            |  |  |
| 2.              | 11.2                   | 7.29                   | 14.9                        | R8.74              | 14.7              | 45.0                   | 55.7                        | 36.9       | 20.9                        | 9.45                                       | 26.6             | 14.8            | 9.90              | 11.2             |                            |  |  |
| 3.              | 11.0                   | 7.73                   | 15.0                        | R8.54              | 14.4              | 46.4                   | 53.9                        | 36.2       | 20.3                        | 10.1                                       | 25.8             | 14.6            | 10.1              | 10.9             |                            |  |  |
| 4.              | 10.8                   | 8.62                   | 14.7                        | R8.54              | 16.5              | 48.5                   | 52.4                        | 35.8       | 19.5                        | 13.4                                       | 24.7             | 22.3            | 10.1              | 11.1             |                            |  |  |
| 5.              | 11.3                   | 8.78                   | 14.3                        | R8.31              | 18.2              | 48.3                   | 50.7                        | 36.0       | 18.7                        | 14.2                                       | 23.8             | 22.4            | 9.95              | 11.8             |                            |  |  |
| 6.              | 11.3                   | 9.09                   | 13.7                        | R8.28              | 17.8              | 50.4                   | 49.1                        | 34.7       | 17.9                        | 15.8                                       | 23.0             | 21.8            | 9.66              | 11.7             |                            |  |  |
| 7.              | 10.8                   | 9.28                   | 13.3                        | R8.43              | 16.8              | 50.6                   | 47.2                        | 33.8       | 17.7                        | 20.7                                       | 22.2             | 21.3            | 9.55              | 12.9             |                            |  |  |
| 8.              | 10.5                   | 9.25                   | 12.7                        | R8.65              | 15.9              | 49.2                   | 45.3                        | 32.8       | 17.4                        | 23.5                                       | 23.1             | 20.6            | 9.59              | 13.0             |                            |  |  |
| 9.              | 10.3                   | 9.20                   | 12.3                        | 8.74               | 28.8              | 47.5                   | 43.6                        | 31.7       | 16.7                        | 25.8                                       | 22.5             | 20.0            | 9.67              | 13.6             |                            |  |  |
| 10.             | 10.1                   | 9.00                   | 11.6                        | 8.92               | 44.7              | 47.6                   | 41.9                        | 30.6       | 16.0                        | 28.5                                       | 22.0             | 19.2            | 9.86              | 17.9             |                            |  |  |
| 11.             | 9.93                   | 8.83                   | 11.0                        | 8.99               | 40.7              | 49.1                   | 40.0                        | 29.3       | 14.9                        | 28.3                                       | 21.4             | 18.5            | 10.5              | 19.1             |                            |  |  |
| 12.             | 9.76                   | 8.68                   | 10.5                        | 8.67               | 35.8              | 49.2                   | 38.5                        | 28.2       | 14.2                        | 28.2                                       | 20.8             | 17.9            | 11.4              | 18.0             |                            |  |  |
| 13.             | 9.20                   | 8.49                   | 10.0                        | 8.42               | 31.6              | 49.5                   | 36.9                        | 27.0       | 13.4                        | 27.4                                       | 20.4             | 17.1            | 13.3              | 17.2             |                            |  |  |
| 14.             | 9.01                   | 8.31                   | 9.57                        | 8.12               | 29.5              | 50.9                   | 37.6                        | 26.1       | 13.1                        | 26.9                                       | 19.6             | 16.1            | 14.2              | 16.5             |                            |  |  |
| 15.             | 8.92                   | 8.30                   | 9.30                        | 8.12               | 28.6              | 48.9                   | 36.3                        | 25.1       | 12.8                        | 26.0                                       | 18.8             | 15.4            | 15.0              | 15.4             |                            |  |  |
| 16.             | 8.74                   | 8.90                   | 8.91                        | 14.4               | 27.6              | 48.4                   | 35.3                        | 24.1       | 11.7                        | 25.1                                       | 18.1             | 14.8            | 15.1              | 14.7             |                            |  |  |
| 17.             | 8.69                   | 9.43                   | 9.00                        | 22.6               | 26.4              | 48.4                   | 35.8                        | 23.5       | 10.9                        | 24.3                                       | 17.2             | 14.2            | 15.0              | 14.3             |                            |  |  |
| 18.             | 8.70                   | 9.64                   | 11.5                        | 20.7               | 25.3              | 47.3                   | 34.4                        | 22.8       | 10.4                        | 23.7                                       | 17.2             | 13.7            | 14.5              | 14.0             |                            |  |  |
| 19.             | 8.58                   | 9.52                   | 12.2                        | 19.1               | 24.9              | 46.1                   | 33.5                        | 22.1       | 10.0                        | 22.8                                       | 17.1             | 13.2            | 14.3              | 13.6             |                            |  |  |
| 20.             | 8.50                   | 9.43                   | 11.6                        | 19.3               | 24.7              | 44.9                   | 31.9                        | 21.6       | 9.77                        | 22.4                                       | 16.2             | 12.8            | 14.0              | 13.2             |                            |  |  |
| 21.             | 8.65                   | 9.26                   | 12.0                        | 19.2               | 25.2              | 43.5                   | 30.7                        | 21.6       | 9.54                        | 21.6                                       | 14.9             | 12.4            | 13.8              | 12.8             |                            |  |  |
| 22.             | 8.84                   | 9.16                   | 12.4                        | 19.8               | 28.4              | 42.4                   | 29.5                        | 23.4       | 9.88                        | 21.4                                       | 13.9             | 12.0            | 13.9              | 12.2             |                            |  |  |
| 23.             | 8.66                   | 9.61                   | 12.0                        | 19.0               | 31.0              | 41.6                   | 28.4                        | 22.9       | 10.2                        | 21.0                                       | 13.1             | 11.6            | 14.2              | 11.8             |                            |  |  |
| 24.             | 8.51                   | 10.3                   | 11.2                        | 18.5               | 28.9              | 40.5                   | 27.6                        | 22.7       | 10.2                        | 20.6                                       | 12.3             | 11.7            | 14.0              | 11.4             |                            |  |  |
| 25.             | 8.70                   | 10.4                   | 11.3                        | 17.8               | 31.4              | 39.6                   | 26.6                        | 22.3       | 9.68                        | 21.4                                       | 11.6             | 11.3            | 13.4              | 11.1             |                            |  |  |
| 26.             | 8.26                   | 10.6                   | 11.1                        | 17.1               | 40.1              | 39.0                   | 25.6                        | 22.2       | 9.33                        | 21.1                                       | 12.4             | 10.9            | 13.1              | 10.7             |                            |  |  |
| 27.             | 7.98                   | 10.5                   | R10.5                       | 16.5               | 42.3              | 38.8                   | 25.7                        | 21.4       | 9.04                        | 20.8                                       | 14.1             | 10.8            | 12.7              | 10.4             |                            |  |  |
| 28.             | 8.05                   | 10.4                   | R10.2                       | 15.7               | 44.2              | 42.7                   | 26.5                        | 20.5       | 9.29                        | 22.2                                       | 15.7             | 10.5            | 12.3              | 10.1             |                            |  |  |
| 29.             | 7.65                   | R10.5                  | R9.79                       |                    | 46.6              | 55.0                   | 29.3                        | 21.1       | 9.33                        | 22.8                                       | 15.6             | 10.9            | 12.1              | 9.97             |                            |  |  |
| 30.             | 7.46                   | 9.83                   | R9.52                       |                    | 44.5              | 57.9                   | 34.6                        | 22.7       | 9.24                        | 24.6                                       | 15.2             | 10.7            | 11.7              | 9.80             |                            |  |  |
| 31.             |                        | 10.9                   | R9.34                       |                    | 44.6              |                        | 37.1                        |            | 8.72                        | 29.7                                       |                  | 10.6            |                   | 9.78             |                            |  |  |
| Tag             | 30.                    | 2.                     | 16.                         | 14.+               | 3.                | 27.                    | 26.                         | 28.        | 31.                         | 1.   | 25.              | 28.             | 7.                | 31.              |                            |  |  |
| NQ              | 7.46                   | 7.29                   | 8.91                        | 8.12               | 14.4              | 38.8                   | 25.6                        | 20.5       | 8.72                        | 9.26                                       | 11.6             | 10.5            | 9.55              | 9.78             |                            |  |  |
| MQ              | 9.37                   | 9.24                   | 11.6                        | 13.2               | 29.2              | 46.8                   | 38.0                        | 27.2       | 13.3                        | 21.7                                       | 18.9             | 15.1            | 12.2              | 13.0             |                            |  |  |
| HQ              | 18.4                   | 12.7                   | 15.9                        | 28.0               | 53.3              | 58.3                   | 58.4                        | 37.9       | 22.9                        | 32.4                                       | 29.3             | 25.1            | 18.3              | 19.5             |                            |  |  |
| Tag             | 4.                     | 31.                    | 2.                          | 16.                | 28.               | 30.                    | 1.                          | 2.         | 1.                          | 31.  | 1.               | 4.              | 21.               | 10.              |                            |  |  |
| h <sub>N</sub>  | mm                     | 44                     | 71                          | 50                 | 49                | 123                    | 167                         | 124        | 122                         | 63   | 219              | 77              | 62                | 57               | 45                         |  |  |
| h <sub>A</sub>  | mm                     | 20                     | 20                          | 25                 | 26                | 64                     | 98                          | 83         | 57                          | 29   | 47               | 40              | 33                | 26               | 28                         |  |  |
|                 |                        | 1920/2005              |                             | 1921/2006 86 Jahre |                   |                        |                             |            |                             |  |                  |                 |                   |                  |                            |  |  |
| Jahr            | 1947                   | 1962                   | 1960                        | 1963               | 1963              | 1972                   | 1934                        | 1934       | 2003                        | 2003                                       | 1947             | 1947            | 1947              | 1962             |                            |  |  |
| NQ              | 3.96                   | 3.97                   | 3.40                        | 4.88               | 4.88              | 7.31                   | 7.60                        | 6.80       | 6.55                        | 4.32                                       | 4.22             | 4.01            | 3.96              | 3.97             |                            |  |  |
| MNQ             | 13.9                   | 13.9                   | 13.3                        | 14.5               | 16.3              | 20.7                   | 19.9                        | 20.6       | 20.2                        | 18.0                                       | 16.0             | 14.3            | 13.9              | 13.9             |                            |  |  |
| MQ              | 18.7                   | 19.2                   | 18.5                        | 20.2               | 22.9              | 26.5                   | 27.5                        | 29.7       | 28.7                        | 25.7                                       | 22.6             | 19.8            | 18.7              | 19.2             |                            |  |  |
| MHQ             | 27.2                   | 28.2                   | 27.6                        | 29.9               | 33.2              | 35.0                   | 41.1                        | 43.6       | 40.6                        | 37.7                                       | 32.9             | 28.6            | 27.3              | 28.3             |                            |  |  |
| HQ              | 74.8                   | 71.4                   | 63.7                        | 62.0               | 69.8              | 71.7                   | 161                         | 148        | 108                         | 75.2                                       | 65.2             | 63.9            | 74.8              | 71.4             |                            |  |  |
| Jahr            | 1944                   | 1944                   | 1982                        | 1990               | 2000              | 1980                   | 1999                        | 1965       | 1954                        | 2005                                       | 2002             | 1981            | 1944              | 1944             |                            |  |  |
|                 |                        | 1960/2005              |                             | 1961/2006 46 Jahre |                   |                        |                             |            |                             |  |                  |                 |                   |                  |                            |  |  |
| Mh <sub>N</sub> | mm                     | 84                     | 75                          | 66                 | 63                | 79                     | 95                          | 126        | 163                         | 158  | 152              | 104             | 76                | 86               | 76                         |  |  |
| Mh <sub>A</sub> | mm                     | 39                     | 42                          | 40                 | 40                | 50                     | 56                          | 60         | 63                          | 62   | 56               | 48              | 43                | 39               | 42                         |  |  |
|                 |                        | Abflussjahr (*)        |                             |                    |                   | Kalenderjahr           |                             |            |                             | Unterschnittene Abflüsse m <sup>3</sup> /s |                  |                 |                   |                  |                            |  |  |
|                 |                        | 2006                   |                             | Winter             |                   | Sommer                 |                             | 2006       |                             | Unter schreitungs dauer in Tagen           | Abfluss-jahr (*) |                 | Kalender-jahr     |                  | 1921/2006 86 Kalenderjahre |  |  |
|                 |                        | Jahr                   | Datum                       | Jahr               | Datum             | Jahr                   | Datum                       | Jahr       | Datum                       | 2006                                       | 2006             | Obere Hüllwerte | 86 Mittlere Werte | Untere Hüllwerte |                            |  |  |
| NQ              | m <sup>3</sup> /s      | 7.29                   | am 02.12.2005               | 7.29               | 8.72              | 8.12                   | am 14.02.2006               | 8.12       | am 14.02.2006               | (365)                                      | 57.9             | 57.9            | 157               | 72.0             | 24.5                       |  |  |
| MQ              | m <sup>3</sup> /s      | 21.1                   |                             | 19.9               | 22.4              | 21.7                   |                             | 21.7       |                             | 364  | 57.8             | 57.8            | 154               | 63.6             | 23.0                       |  |  |
| HQ              | m <sup>3</sup> /s      | 58.4                   | am 01.05.2006 bei W= 135 cm | 58.3               | 58.4              | 58.4                   | am 01.05.2006 bei W= 135 cm | 58.4       | am 01.05.2006 bei W= 135 cm | 363  | 55.7             | 55.7            | 145               | 60.5             | 23.0                       |  |  |
| Nq              | l/(s km <sup>2</sup> ) | 5.92                   |                             | 5.92               | 7.09              | 6.60                   |                             | 6.60       |                             | 362  | 55.0             | 55.0            | 137               | 58.7             | 23.0                       |  |  |
| Mq              | l/(s km <sup>2</sup> ) | 17.2                   |                             | 16.2               | 18.2              | 17.6                   |                             | 17.6       |                             | 360  | 53.9             | 53.9            | 136               | 57.1             | 22.0                       |  |  |
| Hq              | l/(s km <sup>2</sup> ) | 47.4                   |                             | 47.4               | 47.4              | 47.4                   |                             | 47.4       |                             | 359  | 52.4             | 52.4            | 126               | 55.8             | 21.5                       |  |  |
| h <sub>N</sub>  | mm                     | 1171                   |                             | 504                | 667               | 1158                   |                             | 1158       |                             | 358  | 50.9             | 50.9            | 116               | 54.6             | 21.5                       |  |  |
| h <sub>A</sub>  | mm                     | 542                    |                             | 257                | 284               | 542                    |                             | 542        |                             | 357  | 50.7             | 50.7            | 106               | 53.7             | 21.5                       |  |  |
|                 |                        | 1921/2006 (*) 86 Jahre |                             |                    |                   | 1921/2006              |                             |            |                             | Dauertabelle                               |                  |                 |                   |                  |                            |  |  |
| NQ              | m <sup>3</sup> /s      | 3.40                   | am 21.01.1960               | 3.40               | 4.01              | 3.40                   | am 21.01.1960               | 3.40       | am 21.01.1960               | 340  | 46.6             | 46.6            | 72.4              | 44.2             | 21.0                       |  |  |
| MNQ             | m <sup>3</sup> /s      | 9.29                   |                             | 10.4               | 11.9              | 9.27                   |                             | 9.27       |                             | 330  | 44.2             | 44.2            | 63.2              | 40.4             | 20.0                       |  |  |
| MQ              | m <sup>3</sup> /s      | 23.3                   |                             | 21.0               | 25.7              | 23.4                   |                             | 23.4       |                             | 320  | 40.1             | 40.1            | 61.8              | 37.6             | 19.5                       |  |  |
| MHQ             | m <sup>3</sup> /s      | 60.8                   |                             | 43.9               | 57.4              | 60.6                   |                             | 60.6       |                             | 300  | 34.4             | 34.4            | 58.7              | 33.7             | 18.3                       |  |  |
| HQ              | m <sup>3</sup> /s      | 161                    | am 24.05.1999 bei W= 254 cm | 74.8               | 161               | 161                    | am 24.05.1999 bei W= 254 cm | 161        | am 24.05.1999 bei W= 254 cm | 270  | 26.9             | 26.9            | 45.2              | 28.7             | 16.7                       |  |  |
| HQ <sub>1</sub> | m <sup>3</sup> /s      | 54.8                   |                             | 41.6               | 51.0              | 54.8                   |                             | 54.8       |                             | 240  | 22.8             | 22.8            | 38.5              | 25.3             | 14.3                       |  |  |
| HQ <sub>5</sub> | m <sup>3</sup> /s      |                        |                             |                    |                   |                        |                             |            |                             | 210  | 20.8             | 20.8            | 35.5              | 22.6             | 13.4                       |  |  |
| MNq             | l/(s km <sup>2</sup> ) | 7.55                   |                             | 8.44               | 9.68              | 7.53                   |                             | 7.53       |                             | 183  | 17.7             | 17.9            | 33.7              | 20.7             | 12.3                       |  |  |
| Mq              | l/(s km <sup>2</sup> ) | 19.0                   |                             | 17.1               | 20.9              | 19.0                   |                             | 19.0       |                             | 150  | 14.4             | 14.9            | 29.5              | 18.5             | 10.9                       |  |  |
| MHq             | l/(s km <sup>2</sup> ) | 49.4                   |                             | 35.7               | 46.6              | 49.2                   |                             | 49.2       |                             | 130  | 12.4             | 14.1            | 28.0              | 17.2             | 10.2                       |  |  |
|                 |                        | 1961/2006 (*) 46 Jahre |                             |                    |                   | 1961/2006              |                             |            |                             |  |                  |                 |                   |                  |                            |  |  |
| Mh <sub>N</sub> | mm                     | 1242                   |                             | 463                | 779               | 1244                   |                             | 1244       |                             | 120  | 11.6             | 13.6            | 27.6              | 16.5             | 9.70                       |  |  |
| Mh <sub>A</sub> | mm                     | 598                    |                             | 271                | 326               | 598                    |                             | 598        |                             | 110  | 11.2             | 13.1            | 27.5              | 15.8             | 9.10                       |  |  |
|                 |                        | Niedrigwasser          |                             |                    |                   | Hochwasser             |                             |            |                             |  |                  |                 |                   |                  |                            |  |  |
|                 |                        | m <sup>3</sup> /s      | l/(s km <sup>2</sup> )      | Datum              | m <sup>3</sup> /s | l/(s km <sup>2</sup> ) | cm                          | Datum      | Datum                       | Datum                                      | Datum            | Datum           | Datum             | Datum            | Datum                      |  |  |
| 1               |                        | 3.40                   | 2.76                        | 21.01.1960         | 161               | 131                    |                             | 24.05.1999 | 10                          | 8.28                                       | 8.72             | 18.9            | 8.47              | 4.22             | 4.22                       |  |  |
| 2               |                        |                        |                             |                    | 148               | 120                    |                             | 12.06.1965 | 9                           | 8.26                                       | 8.67             | 18.9            | 8.31              | 4.22             | 4.22                       |  |  |
| 3               |                        |                        |                             |                    | 140               | 114                    |                             | 03.06.1940 | 8                           | 8.26                                       | 8.65             | 18.6            | 8.06              | 4.22             | 4.22                       |  |  |
| 4               |                        |                        |                             |                    | 108               | 88.1                   |                             | 21.06.1979 | 7                           | 8.26                                       | 8.54             | 18.6            | 7.95              | 4.22             | 4.22                       |  |  |
| 5               |                        |                        |                             |                    | 108               | 87.8                   |                             | 13.07.1954 | 6                           | 8.05                                       | 8.54             | 18.5            | 7.65              | 4.22             | 4.15                       |  |  |
| 6               |                        |                        |                             |                    | 101               | 82.1                   |                             | 02.06.1965 | 5                           | 7.98                                       | 8.43             | 18.5            | 7.24              | 4.15             | 4.15                       |  |  |
| 7               |                        |                        |                             |                    | 92.8              | 75.4                   |                             | 19.06.1965 | 4                           | 7.73                                       | 8.42             | 18.5            | 6.87              | 4.15             | 4.15                       |  |  |
| 8               |                        |                        |                             |                    | 88.6              | 72.0                   |                             | 11.07.1946 | 3                           | 7.65                                       | 8.31             | 17.8            | 6.45              | 4.15             | 4.15                       |  |  |
| 9               |                        |                        |                             |                    | 85.2              | 69.3                   |                             | 25.05.1939 | 2                           | 7.46                                       | 8.28             | 17.7            | 5.96              | 4.02             | 4.02                       |  |  |
| 10              |                        |                        |                             |                    | 84.0              | 68.3                   |                             | 15.05.1930 | 1                           | 7.35                                       | 8.28             | 17.7            | 5.11              | 4.01             | 4.01                       |  |  |
|                 |                        |                        |                             |                    |                   |                        |                             |            | 0                           | 7.29                                       | 8.12             | 17.3            | 3.40              | 3.40             | 3.40                       |  |  |

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

A<sub>E0</sub> : 1230 km<sup>2</sup>

PNP :NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Gewässer: Amper

Gebiet : Isar

Nr. 16605006

|                        | Tag                    | 2004                   |                                | 2005                           |                    |                        |                                |                                |  |  |  |                   |                            |      |        |      |
|------------------------|------------------------|------------------------|--------------------------------|--------------------------------|--------------------|------------------------|--------------------------------|--------------------------------|--|--|--|-------------------|----------------------------|------|--------|------|
|                        |                        | Nov                    | Dez                            | Jan                            | Feb                | Mrz                    | Apr                            | Mai                            | Jun  | Jul                                    | Aug  | Sep               | Okt                        | Nov  | Dez    |      |
| Tageswerte             | 1.                     | 9.52                   | 11.3                           | 10.6                           | 10.1               | 14.2                   | 39.1                           | 31.7                           | 21.3                                       | 13.3                                   | 16.9                                       | 60.1              | 16.7                       | 11.0 | 7.35   |      |
|                        | 2.                     | 9.42                   | 10.7                           | 11.9                           | 11.0               | 13.4                   | 38.4                           | 29.8                           | 20.0                                       | 13.4                                   | 16.0                                       | 58.2              | 19.7                       | 11.2 | 7.29   |      |
|                        | 3.                     | 9.21                   | 10.6                           | 13.2                           | 11.3               | 12.9                   | 37.5                           | 28.1                           | 18.9                                       | 12.7                                   | 15.5                                       | 56.4              | 30.0                       | 11.0 | 7.73   |      |
|                        | 4.                     | 9.08                   | 10.2                           | 13.3                           | 10.9               | 12.4                   | 36.4                           | 28.2                           | 18.4                                       | 12.2                                   | 15.3                                       | 54.6              | 31.8                       | 10.8 | 8.62   |      |
|                        | 5.                     | 9.12                   | 9.77                           | 12.9                           | 10.6               | 12.0                   | 35.0                           | 26.6                           | 17.4                                       | 14.2                                   | 15.1                                       | 53.0              | 30.4                       | 11.3 | 8.78   |      |
|                        | 6.                     | 9.13                   | 9.46                           | 13.4                           | 10.2               | 11.9                   | 33.6                           | 26.2                           | 17.3                                       | 14.3                                   | 15.5                                       | 51.5              | 28.9                       | 11.3 | 9.09   |      |
|                        | 7.                     | 9.13                   | 9.28                           | 15.2                           | 9.90               | 11.7                   | 32.2                           | 27.4                           | 16.6                                       | 13.5                                   | 16.3                                       | 49.9              | 28.4                       | 10.8 | 9.28   |      |
|                        | 8.                     | 9.94                   | 9.05                           | 14.9                           | 9.52               | 11.4                   | 30.7                           | 30.5                           | 16.4                                       | 13.2                                   | 18.7                                       | 48.1              | 25.9                       | 10.5 | 9.25   |      |
|                        | 9.                     | 10.7                   | 8.74                           | 14.8                           | 8.85               | 11.4                   | 30.9                           | 32.8                           | 15.6                                       | 12.8                                   | 19.9                                       | 46.5              | 23.9                       | 10.3 | 9.20   |      |
|                        | 10.                    | 11.2                   | 8.44                           | 14.3                           | 9.38               | 11.3                   | 33.5                           | 34.3                           | 15.1                                       | 13.2                                   | 19.7                                       | 45.5              | 22.2                       | 10.1 | 9.00   |      |
|                        | 11.                    | 11.2                   | 8.02                           | 13.9                           | 11.6               | 11.1                   | 31.5                           | 34.0                           | 14.5                                       | 22.8                                   | 18.9                                       | 43.6              | 21.2                       | 9.93 | 8.83   |      |
|                        | 12.                    | 11.1                   | 7.85                           | 13.4                           | 27.8               | 11.0                   | 30.0                           | 33.2                           | 14.0                                       | 28.6                                   | 18.1                                       | 42.3              | 20.2                       | 9.76 | 8.68   |      |
|                        | 13.                    | 11.4                   | 7.62                           | 13.4                           | 40.9               | 11.0                   | 28.3                           | 32.1                           | 14.3                                       | 30.5                                   | 17.4                                       | 40.8              | 19.1                       | 9.20 | 8.49   |      |
|                        | 14.                    | 11.3                   | 7.40                           | 12.9                           | 38.2               | 11.0                   | 26.9                           | 30.9                           | 14.3                                       | 29.0                                   | 16.8                                       | 39.1              | 18.3                       | 9.01 | 8.31   |      |
|                        | 15.                    | 11.2                   | 7.28                           | 12.4                           | 34.9               | 11.1                   | 26.8                           | 30.2                           | 14.3                                       | 28.5                                   | 16.4                                       | 37.2              | 16.8                       | 8.92 | 8.30   |      |
|                        | 16.                    | 11.2                   | 7.20                           | 12.0                           | 32.4               | 15.4                   | 25.7                           | 28.1                           | 27.8                                       | 24.6                                   | 17.3                                       | 35.4              | 16.2                       | 8.74 | 8.90   |      |
|                        | 17.                    | 10.9                   | 7.07                           | 11.4                           | 30.8               | 23.2                   | 24.7                           | 28.9                           | 24.0                                       | 22.8                                   | 19.1                                       | 33.2              | 15.3                       | 8.69 | 9.43   |      |
|                        | 18.                    | 10.8                   | 7.76                           | 11.0                           | 28.5               | 33.5                   | 23.8                           | 28.8                           | 22.1                                       | 21.3                                   | 19.6                                       | 31.0              | 14.6                       | 8.70 | 9.64   |      |
|                        | 19.                    | 10.7                   | 7.91                           | 10.8                           | 26.5               | 34.5                   | 28.2                           | 33.3                           | 20.4                                       | 21.7                                   | 19.2                                       | 28.2              | 14.0                       | 8.58 | 9.52   |      |
|                        | 20.                    | 10.1                   | 8.27                           | 10.7                           | 24.4               | 34.7                   | 39.3                           | 34.4                           | 19.0                                       | 20.7                                   | 20.1                                       | 25.7              | 13.7                       | 8.50 | 9.43   |      |
|                        | 21.                    | 9.67                   | 8.02                           | 12.3                           | 22.6               | 35.4                   | 41.7                           | 33.5                           | 17.8                                       | 20.4                                   | 21.0                                       | 23.3              | 13.5                       | 8.65 | 9.26   |      |
|                        | 22.                    | 9.97                   | 7.75                           | 13.2                           | 22.3               | 34.8                   | 38.4                           | 32.9                           | 16.9                                       | 19.3                                   | 25.1                                       | 21.3              | 13.4                       | 8.84 | 9.16   |      |
|                        | 23.                    | 10.1                   | 7.69                           | 12.5                           | 21.3               | 34.8                   | 36.1                           | 33.0                           | 15.7                                       | 18.3                                   | 50.4                                       | 19.9              | 13.1                       | 8.66 | 9.61   |      |
|                        | 24.                    | 11.1                   | 9.43                           | 12.4                           | 19.6               | 34.9                   | 34.6                           | 35.3                           | 14.9                                       | 17.6                                   | 62.2                                       | 18.7              | 12.9                       | 8.51 | 10.3   |      |
|                        | 25.                    | 11.9                   | 10.6                           | 12.4                           | 18.3               | 36.1                   | 34.2                           | 34.5                           | 14.3                                       | 17.7                                   | 69.5                                       | 17.6              | 12.8                       | 8.70 | 10.4   |      |
|                        | 26.                    | 12.0                   | 10.7                           | 12.1                           | 17.0               | 36.3                   | 38.2                           | 33.1                           | 13.3                                       | 19.2                                   | 72.6                                       | 16.7              | 12.3                       | 8.26 | 10.6   |      |
|                        | 27.                    | 12.0                   | 11.4                           | 11.8                           | 16.1               | 36.3                   | 36.7                           | 31.4                           | 12.5                                       | 19.0                                   | 72.0                                       | 16.3              | 11.8                       | 7.98 | 10.5   |      |
|                        | 28.                    | 11.9                   | 11.2                           | 11.2                           | 15.1               | 36.2                   | 36.3                           | 29.2                           | 12.3                                       | 17.7                                   | 69.6                                       | 16.3              | 11.7                       | 8.05 | 10.4   |      |
|                        | 29.                    | 11.7                   | 11.2                           | 10.7                           |                    | 36.5                   | 34.9                           | 27.0                           | 11.9                                       | 16.9                                   | 66.6                                       | 16.4              | 11.5                       | 7.65 | R 10.5 |      |
|                        | 30.                    | 11.4                   | 10.9                           | 10.4                           |                    | 37.4                   | 33.4                           | 24.9                           | 13.2                                       | 18.1                                   | 64.3                                       | 16.4              | 11.2                       | 7.46 | 9.83   |      |
|                        | 31.                    |                        | 10.6                           | 10.2                           |                    | 39.8                   |                                | 23.2                           |  | 18.1                                   | 62.2                                       |                   | 11.0                       |      | 10.9   |      |
| Hauptwerte             | Tag                    | 4.                     | 17.                            | 31.                            | 9.                 | 13.                    | 18.                            | 31.                            | 29.  | 4.                                     | 5.   | 28.               | 31.                        | 30.  | 2.     |      |
|                        | NQ                     | 9.08                   | 7.07                           | 10.2                           | 8.85               | 11.0                   | 23.8                           | 23.2                           | 11.9                                       | 12.2                                   | 15.1                                       | 16.3              | 11.0                       | 7.46 | 7.29   |      |
|                        | MQ                     | 10.6                   | 9.14                           | 12.4                           | 19.6               | 23.1                   | 33.2                           | 30.6                           | 17.3                                       | 18.8                                   | 31.9                                       | 35.4              | 18.1                       | 9.37 | 9.24   |      |
|                        | HQ                     | 12.3                   | 11.8                           | 15.8                           | 43.2               | 40.4                   | 43.6                           | 36.9                           | 33.0                                       | 35.4                                   | 75.2                                       | 61.6              | 32.8                       | 18.4 | 12.7   |      |
|                        | Tag                    | 26.                    | 27.                            | 7.                             | 13.                | 31.                    | 20.                            | 23.                            | 15.  | 12.                                    | 26.  | 1.                | 4.                         | 4.   | 31.    |      |
|                        | h <sub>N</sub>         | mm                     | 53                             | 51                             | 77                 | 86                     | 58                             | 107                            | 126  | 97                                     | 176  | 70                | 47                         | 44   | 71     |      |
|                        | h <sub>A</sub>         | mm                     | 22                             | 20                             | 27                 | 39                     | 50                             | 70                             | 66   | 36                                     | 41   | 69                | 75                         | 39   | 20     |      |
|                        |                        |                        | 1920/2004                      |                                | 1921/2005 85 Jahre |                        |                                |                                |  |  |  |                   |                            |      |        |      |
|                        | Jahr                   | 1947                   | 1962                           | 1960                           | 1963               | 1963                   | 1972                           | 1934                           | 1934                                       | 2003                                   | 2003                                       | 1947              | 1947                       | 1947 | 1962   |      |
|                        | NQ                     | 3.96                   | 3.97                           | 3.40                           | 4.88               | 4.88                   | 7.31                           | 7.60                           | 6.80                                       | 6.55                                   | 4.32                                       | 4.22              | 4.01                       | 3.96 | 3.97   |      |
|                        | MNQ                    | 13.9                   | 14.0                           | 13.3                           | 14.6               | 16.3                   | 20.5                           | 19.9                           | 20.6                                       | 20.3                                   | 18.1                                       | 16.0              | 14.4                       | 13.9 | 14.0   |      |
|                        | MQ                     | 18.8                   | 19.3                           | 18.5                           | 20.3               | 22.8                   | 26.3                           | 27.4                           | 29.8                                       | 28.9                                   | 25.8                                       | 22.6              | 19.8                       | 18.8 | 19.3   |      |
|                        | MHQ                    | 27.3                   | 28.4                           | 27.8                           | 29.9               | 32.9                   | 34.8                           | 40.9                           | 43.7                                       | 40.8                                   | 37.8                                       | 33.0              | 28.6                       | 27.4 | 28.4   |      |
|                        | HQ                     | 74.8                   | 71.4                           | 63.7                           | 62.0               | 69.8                   | 71.7                           | 161                            | 148  | 108                                    | 75.2                                       | 65.2              | 63.9                       | 74.8 | 71.4   |      |
|                        | Jahr                   | 1944                   | 1944                           | 1982                           | 1990               | 2000                   | 1980                           | 1999                           | 1965                                       | 1954                                   | 2005                                       | 2002              | 1981                       | 1944 | 1944   |      |
|                        |                        | 1960/2004              |                                | 1961/2005 45 Jahre             |                    |                        |                                |                                |  |  |  |                   |                            |      |        |      |
| Mh <sub>N</sub>        | mm                     | 85                     | 75                             | 66                             | 64                 | 78                     | 94                             | 126                            | 164  | 160                                    | 151  | 105               | 77                         | 86   | 77     |      |
| Mh <sub>A</sub>        | mm                     | 40                     | 42                             | 40                             | 40                 | 50                     | 55                             | 60                             | 63   | 63                                     | 56   | 48                | 43                         | 40   | 42     |      |
| Dauertabelle           | Abflussjahr (*)        |                        |                                |                                | Kalenderjahr       |                        |                                |                                | Unterschrittene Abflüsse m <sup>3</sup> /s | Unterschreitungs-<br>dauer<br>in Tagen | Unterschrittene Abflüsse m <sup>3</sup> /s |                   |                            |      |        |      |
|                        | 2005                   |                        |                                |                                | 2005               |                        |                                |                                |  |  | Abfluss-<br>jahr (*)                       | Kalender-<br>jahr | 1921/2005 85 Kalenderjahre |      |        |      |
|                        | Jahr                   | Datum                  | Winter                         | Sommer                         | Jahr               | Datum                  | Oberer<br>Hüllwerte            | Mittlere<br>Werte              |  |  |  |                   | Untere<br>Hüllwerte        |      |        |      |
|                        | NQ                     | m <sup>3</sup> /s      | 7.07                           | am 17.12.2004                  | 7.07               | 11.0                   | 7.29                           | am 02.12.2005                  |  |  | (365)                                      |                   |                            |      |        |      |
|                        | MQ                     | m <sup>3</sup> /s      | 21.7                           |                                | 18.0               | 25.3                   | 21.6                           |                                |  |  | 364  | 72.6              | 72.6                       | 157  | 72.2   | 24.5 |
|                        | HQ                     | m <sup>3</sup> /s      | 75.2                           | am 26.08.2005<br>bei W= 158 cm | 43.6               | 75.2                   | 75.2                           | am 26.08.2005<br>bei W= 158 cm |  |  | 363  | 72.0              | 72.0                       | 154  | 63.8   | 23.0 |
|                        | Nq                     | l/(s km <sup>2</sup> ) | 5.74                           |                                | 5.74               | 8.93                   | 5.92                           |                                |  |  | 362  | 69.6              | 69.6                       | 145  | 60.7   | 23.0 |
|                        | Mq                     | l/(s km <sup>2</sup> ) | 17.6                           |                                | 14.6               | 20.6                   | 17.6                           |                                |  |  | 361  | 69.5              | 69.5                       | 137  | 58.8   | 23.0 |
|                        | Hq                     | l/(s km <sup>2</sup> ) | 61.1                           |                                | 35.5               | 61.1                   | 61.1                           |                                |  |  | 360  | 66.6              | 66.6                       | 136  | 57.1   | 22.0 |
|                        | h <sub>N</sub>         | mm                     | 1185                           |                                | 432                | 753                    | 1196                           |                                |  |  | 359  | 64.3              | 64.3                       | 126  | 55.9   | 21.5 |
|                        | h <sub>A</sub>         | mm                     | 557                            |                                | 232                | 322                    | 556                            |                                |  |  | 358  | 62.2              | 62.2                       | 116  | 54.6   | 21.5 |
|                        | 1921/2005 (*) 85 Jahre |                        |                                |                                | 1921/2005          |                        |                                |                                |  |  | 357  | 62.2              | 62.2                       | 106  | 53.7   | 21.5 |
|                        | NQ                     | m <sup>3</sup> /s      | 3.40                           | am 21.01.1960                  | 3.40               | 4.01                   | 3.40                           | am 21.01.1960                  |  |  | 356  | 60.1              | 60.1                       | 97.5 | 52.6   | 21.5 |
|                        | MNQ                    | m <sup>3</sup> /s      | 9.31                           |                                | 10.4               | 11.9                   | 9.28                           |                                |  |  | 350  | 50.4              | 50.4                       | 89.8 | 48.6   | 21.0 |
|                        | MQ                     | m <sup>3</sup> /s      | 23.4                           |                                | 21.0               | 25.7                   | 23.4                           |                                |  |  | 340  | 39.8              | 39.8                       | 72.4 | 44.2   | 21.0 |
| MHQ                    | m <sup>3</sup> /s      | 60.8                   |                                | 43.7                           | 57.3               | 60.6                   |                                | 330                            | 37.2                                       | 37.2                                   | 63.2                                       | 40.4              | 20.0                       |      |        |      |
| HQ                     | m <sup>3</sup> /s      | 161                    | am 24.05.1999<br>bei W= 254 cm | 74.8                           | 161                | 161                    | am 24.05.1999<br>bei W= 254 cm | 320                            | 35.4                                       | 35.4                                   | 61.8                                       | 37.6              | 19.5                       |      |        |      |
| HQ <sub>1</sub>        | m <sup>3</sup> /s      | 54.8                   |                                | 41.6                           | 51.0               | 54.8                   |                                | 300                            | 33.5                                       | 33.5                                   | 58.7                                       | 33.7              | 18.3                       |      |        |      |
| HQ <sub>5</sub>        | m <sup>3</sup> /s      |                        |                                |                                |                    |                        |                                | 270                            | 28.9                                       | 28.9                                   | 45.2                                       | 28.7              | 16.7                       |      |        |      |
| MNq                    | l/(s km <sup>2</sup> ) | 7.57                   |                                | 8.47                           | 9.71               | 7.54                   |                                | 240                            | 24.4                                       | 24.4                                   | 38.5                                       | 25.3              | 14.3                       |      |        |      |
| Mq                     | l/(s km <sup>2</sup> ) | 19.0                   |                                | 17.1                           | 20.9               | 19.0                   |                                | 210                            | 19.6                                       | 19.6                                   | 35.5                                       | 22.6              | 13.4                       |      |        |      |
| MHq                    | l/(s km <sup>2</sup> ) | 49.5                   |                                | 35.5                           | 46.6               | 49.2                   |                                | 183                            | 17.3                                       | 17.3                                   | 33.7                                       | 20.7              | 12.3                       |      |        |      |
| 1961/2005 (*) 45 Jahre |                        |                        |                                | 1961/2005                      |                    |                        |                                | 150                            | 14.9                                       | 14.9                                   | 29.5                                       | 18.5              | 10.9                       |      |        |      |
| Mh <sub>N</sub>        | mm                     | 1244                   |                                | 462                            | 782                | 1246                   |                                | 130                            | 13.4                                       | 13.4                                   | 28.0                                       | 17.2              | 10.2                       |      |        |      |
| Mh <sub>A</sub>        | mm                     | 601                    |                                | 273                            | 327                | 599                    |                                | 120                            | 13.2                                       | 13.2                                   | 27.6                                       | 16.6              | 9.70                       |      |        |      |
|                        |                        | Niedrigwasser          |                                | Hochwasser                     |                    |                        |                                | 110                            | 12.5                                       | 12.5                                   | 27.5                                       | 15.8              | 9.10                       |      |        |      |
|                        |                        | m <sup>3</sup> /s      | l/(s km <sup>2</sup> )         | Datum                          | m <sup>3</sup> /s  | l/(s km <sup>2</sup> ) | cm                             | Datum                          | 100  | 12.0                                   | 12.0                                       | 26.2              | 15.2                       | 8.80 |        |      |
| 1                      | 3.40                   | 2.76                   | 21.01.1960                     | 161                            | 131                | 24.05.1999             |                                | 90                             | 11.8                                       | 11.5                                   | 26.2                                       | 14.5              | 7.80                       |      |        |      |
| 2                      |                        |                        |                                | 148                            | 120                | 12.06.1965             |                                | 80                             | 11.4                                       | 11.2                                   | 24.8                                       | 13.9              | 6.60                       |      |        |      |
| 3                      |                        |                        |                                | 140                            | 114                | 03.06.1940             |                                | 70                             | 11.2                                       | 11.0                                   | 24.0                                       | 13.3              | 5.20                       |      |        |      |
| 4                      |                        |                        |                                | 108                            | 88.1               | 21.06.1979             |                                | 60                             | 11.0                                       | 10.6                                   | 23.6                                       | 12.6              | 4.70                       |      |        |      |
| 5                      |                        |                        |                                | 108                            | 87.8               | 13.07.1954             |                                | 50                             | 10.7                                       | 10.2                                   | 22.7                                       | 11.9              | 4.50                       |      |        |      |
| 6                      |                        |                        |                                | 101                            | 82.1               | 02.06.1965             |                                | 40                             | 10.4                                       | 9.52                                   | 22.1                                       | 11.2              | 4.43                       |      |        |      |
| 7                      |                        |                        |                                | 92.8                           | 75.4               | 19.06.1965             |                                | 30                             | 9.77                                       | 9.09                                   | 21.0                                       | 10.6              | 4.43                       |      |        |      |
| 8                      |                        |                        |                                | 88.6                           | 72.0               | 11.07.1946             |                                | 25                             | 9.43                                       | 8.85                                   | 20.2                                       | 10.2              | 4.36                       |      |        |      |
| 9                      |                        |                        |                                | 85.2                           | 69.3               | 25.05.1939             |                                | 20                             | 9.13                                       | 8.74                                   | 19.7                                       | 9.69              | 4.36                       |      |        |      |
| 10                     |                        |                        |                                | 84.0                           | 68.3               | 15.05.1930             |                                | 15                             | 8.85                                       | 8.65                                   | 19.6                                       | 9.15              | 4.29                       |      |        |      |

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

A<sub>E0</sub> : 1230 km<sup>2</sup>

PNP :NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Gewässer: Amper

Gebiet : Isar

Nr. 16605006

|                     | Tag               | 2003                        |                             | 2004               |                    |                             |                             |                |                                  |  |                    |                            |      |      |      |  |
|---------------------|-------------------|-----------------------------|-----------------------------|--------------------|--------------------|-----------------------------|-----------------------------|----------------|----------------------------------|--|--------------------|----------------------------|------|------|------|--|
|                     |                   | Nov                         | Dez                         | Jan                | Feb                | Mrz                         | Apr                         | Mai            | Jun                              | Jul  | Aug                | Sep                        | Okt  | Nov  | Dez  |  |
| <b>Tageswerte</b>   | 1.                | 12.9                        | 12.5                        | 10.1               | 20.2               | 14.5                        | 27.2                        | 20.4           | 15.3                             | 18.9                                       | 28.6               | 10.4                       | 12.2 | 9.52 | 11.3 |  |
|                     | 2.                | 12.7                        | 12.5                        | 9.91               | 24.1               | 14.2                        | 27.7                        | 21.3           | 15.1                             | 18.8                                       | 26.0               | 10.1                       | 12.0 | 9.42 | 10.7 |  |
|                     | 3.                | 12.5                        | 12.4                        | 9.70               | 25.2               | 13.9                        | 29.2                        | 22.4           | 16.4                             | 17.9                                       | 23.5               | 9.98                       | 11.6 | 9.21 | 10.6 |  |
|                     | 4.                | 12.2                        | 12.2                        | 9.66               | 22.6               | 13.5                        | 29.9                        | 22.5           | 25.5                             | 16.7                                       | 21.7               | 9.85                       | 11.4 | 9.08 | 10.2 |  |
|                     | 5.                | 11.8                        | 12.0                        | 9.51               | 21.9               | 13.2                        | 30.8                        | 22.9           | 34.4                             | 15.9                                       | 19.7               | 9.46                       | 11.1 | 9.12 | 9.77 |  |
|                     | 6.                | 11.4                        | 11.7                        | 9.43               | 21.3               | 13.0                        | 32.5                        | 22.8           | 39.0                             | 16.1                                       | 18.5               | 9.07                       | 10.3 | 9.13 | 9.28 |  |
|                     | 7.                | 11.1                        | 11.6                        | 10.8               | 21.3               | 13.1                        | 33.4                        | 22.9           | 40.0                             | 15.7                                       | 17.5               | 8.97                       | 9.88 | 9.13 | 9.28 |  |
|                     | 8.                | 10.7                        | 11.3                        | 12.8               | 22.5               | 13.0                        | 33.8                        | 21.7           | 39.1                             | 15.4                                       | 17.7               | 8.70                       | 9.70 | 9.94 | 9.05 |  |
|                     | 9.                | 10.6                        | 10.8                        | 14.4               | 22.1               | 13.2                        | 32.9                        | 20.8           | 38.1                             | 18.8                                       | 15.8               | 8.31                       | 12.0 | 10.7 | 8.74 |  |
|                     | 10.               | 10.3                        | 10.3                        | 19.8               | 20.8               | 13.1                        | 30.7                        | 19.5           | 36.9                             | 19.0                                       | 14.4               | 8.06                       | 16.0 | 11.2 | 8.44 |  |
|                     | 11.               | 10.2                        | 10.2                        | 19.6               | 21.1               | 13.1                        | 29.2                        | 18.7           | 36.1                             | 18.7                                       | 13.7               | 8.10                       | 16.3 | 11.2 | 8.02 |  |
|                     | 12.               | 9.84                        | 10.1                        | 23.9               | 21.0               | 13.0                        | 28.5                        | 18.3           | 35.8                             | 18.5                                       | 13.5               | 8.14                       | 14.9 | 11.1 | 7.85 |  |
|                     | 13.               | 10.1                        | 9.98                        | 34.1               | 20.2               | 13.6                        | 27.7                        | 21.4           | 35.8                             | 18.9                                       | 16.0               | 8.19                       | 14.4 | 11.4 | 7.62 |  |
|                     | 14.               | 11.1                        | 10.5                        | 41.2               | 19.7               | 14.6                        | 26.3                        | 20.7           | 34.8                             | 18.7                                       | 14.0               | 8.10                       | 13.9 | 11.3 | 7.40 |  |
|                     | 15.               | 11.4                        | 11.5                        | 39.7               | 19.8               | 15.7                        | 25.1                        | 19.6           | 33.5                             | 17.8                                       | 13.6               | 8.99                       | 13.8 | 11.2 | 7.28 |  |
|                     | 16.               | 11.4                        | 11.3                        | 37.5               | 19.4               | 16.4                        | 23.9                        | 19.1           | 32.1                             | 16.7                                       | 13.0               | 8.51                       | 13.9 | 11.2 | 7.20 |  |
|                     | 17.               | 11.6                        | 11.2                        | 41.9               | 19.3               | 16.8                        | 23.2                        | 19.4           | 30.0                             | 16.0                                       | 12.4               | 8.06                       | 13.5 | 10.9 | 7.07 |  |
|                     | 18.               | 11.5                        | 10.9                        | 42.5               | 18.6               | 17.2                        | 23.4                        | 19.5           | 28.0                             | 15.8                                       | 12.1               | 7.94                       | 13.0 | 10.8 | 7.76 |  |
|                     | 19.               | 11.3                        | 10.7                        | 39.6               | 17.8               | 17.4                        | 27.5                        | 19.0           | 27.0                             | 15.6                                       | 11.7               | 7.78                       | 12.2 | 10.7 | 7.91 |  |
|                     | 20.               | 11.1                        | 10.5                        | 39.0               | 17.1               | 18.2                        | 27.0                        | 18.5           | 27.3                             | 15.0                                       | 12.4               | 7.54                       | 11.8 | 10.1 | 8.27 |  |
|                     | 21.               | 10.9                        | 11.0                        | 38.8               | 16.4               | 18.9                        | 25.8                        | 18.0           | 27.9                             | 16.7                                       | 12.6               | 7.44                       | 12.3 | 9.67 | 8.02 |  |
|                     | 22.               | 10.8                        | 12.0                        | 37.4               | 16.0               | 20.1                        | 24.5                        | 20.0           | 26.6                             | 17.9                                       | 12.1               | 6.97                       | 12.1 | 9.97 | 7.75 |  |
|                     | 23.               | 10.3                        | 11.9                        | 35.6               | 16.7               | 19.8                        | 23.2                        | 20.0           | 25.6                             | 18.2                                       | 11.7               | 7.05                       | 11.9 | 10.1 | 7.69 |  |
|                     | 24.               | 10.1                        | 11.1                        | 33.5               | 17.7               | 22.8                        | 23.2                        | 18.8           | 25.1                             | 19.9                                       | 11.4               | 8.03                       | 11.4 | 11.1 | 9.43 |  |
|                     | 25.               | 9.89                        | 10.6                        | 31.6               | 17.4               | 27.3                        | 24.2                        | 18.2           | 23.7                             | 32.7                                       | 11.2               | 9.71                       | 11.0 | 11.9 | 10.6 |  |
|                     | 26.               | 9.71                        | 10.3                        | 29.4               | 16.5               | 27.8                        | 23.5                        | 17.4           | 22.7                             | 33.5                                       | 10.7               | 10.8                       | 10.6 | 12.0 | 10.7 |  |
|                     | 27.               | 9.62                        | 10.3                        | 27.1               | 16.0               | 26.4                        | 22.8                        | 16.5           | 21.7                             | 33.6                                       | 11.2               | 10.6                       | 10.4 | 12.0 | 11.4 |  |
|                     | 28.               | 9.86                        | 10.1                        | 25.3               | 15.6               | 25.4                        | 21.9                        | 17.1           | 20.9                             | 33.5                                       | 11.5               | 10.4                       | 10.2 | 11.9 | 11.2 |  |
|                     | 29.               | 12.1                        | 9.97                        | 23.5               | 15.0               | 25.1                        | 21.2                        | 16.5           | 20.2                             | 32.8                                       | 11.3               | 10.3                       | 9.86 | 11.7 | 11.2 |  |
|                     | 30.               | 12.8                        | 9.74                        | 21.7               |                    | 25.6                        | 20.7                        | 15.6           | 19.4                             | 32.0                                       | 11.0               | 11.4                       | 9.70 | 11.4 | 10.9 |  |
|                     | 31.               |                             | 9.99                        | 20.2               |                    | 27.8                        |                             | 15.3           |                                  | 30.5                                       | 10.7               |                            | 9.46 |      | 10.6 |  |
| <b>Hauptwerte</b>   | Tag               | 27.                         | 30.                         | 6.                 | 29.                | 12.                         | 30.                         | 31.            | 2.                               | 20.  | 26.                | 22.                        | 31.  | 4.   | 17.  |  |
|                     | NQ                | 9.62                        | 9.74                        | 9.43               | 15.0               | 13.0                        | 20.7                        | 15.3           | 15.1                             | 15.0                                       | 10.7               | 6.97                       | 9.46 | 9.08 | 7.07 |  |
|                     | MQ                | 11.0                        | 11.0                        | 25.8               | 19.4               | 18.0                        | 26.7                        | 19.5           | 28.5                             | 20.8                                       | 14.9               | 8.90                       | 12.0 | 10.6 | 9.14 |  |
|                     | HQ                | 27.0                        | 21.7                        | 48.1               | 29.0               | 66.3                        | 40.0                        | 34.0           | 43.4                             | 36.1                                       | 31.9               | 15.0                       | 20.9 | 12.3 | 11.8 |  |
|                     | Tag               | 12.                         | 16.                         | 18.                | 11.                | 25.                         | 8.                          | 3.             | 7.                               | 25.  | 2.                 | 30.                        | 13.  | 26.  | 27.  |  |
|                     | h <sub>N</sub> mm | 44                          | 50                          | 126                | 53                 | 83                          | 64                          | 99             | 162                              | 168  | 84                 | 83                         | 72   | 53   | 51   |  |
|                     | h <sub>A</sub> mm | 23                          | 24                          | 56                 | 40                 | 39                          | 56                          | 42             | 60                               | 45   | 32                 | 19                         | 26   | 22   | 20   |  |
|                     |                   |                             | 1920/2003                   |                    | 1921/2004 84 Jahre |                             |                             |                |                                  |  |                    |                            |      |      |      |  |
|                     | Jahr              | 1947                        | 1962                        | 1960               | 1963               | 1963                        | 1972                        | 1934           | 1934                             | 2003                                       | 2003               | 1947                       | 1947 | 1947 | 1962 |  |
|                     | NQ                | 3.96                        | 3.97                        | 3.40               | 4.88               | 4.88                        | 7.31                        | 7.60           | 6.80                             | 6.55                                       | 4.32               | 4.22                       | 4.01 | 3.96 | 3.97 |  |
|                     | MNQ               | 14.0                        | 14.0                        | 13.4               | 14.6               | 16.4                        | 20.5                        | 19.8           | 20.8                             | 20.4                                       | 18.2               | 16.0                       | 14.4 | 14.0 | 14.0 |  |
|                     | MQ                | 18.9                        | 19.4                        | 18.6               | 20.3               | 22.8                        | 26.2                        | 27.3           | 29.9                             | 29.0                                       | 25.7               | 22.5                       | 19.8 | 18.9 | 19.4 |  |
|                     | MHQ               | 27.5                        | 28.5                        | 27.9               | 29.8               | 32.8                        | 34.6                        | 41.0           | 43.8                             | 40.8                                       | 37.3               | 32.6                       | 28.6 | 27.5 | 28.6 |  |
|                     | HQ                | 74.8                        | 71.4                        | 63.7               | 62.0               | 69.8                        | 71.7                        | 161            | 148                              | 108  | 68.7               | 65.2                       | 63.9 | 74.8 | 71.4 |  |
|                     | Jahr              | 1944                        | 1944                        | 1982               | 1990               | 2000                        | 1980                        | 1999           | 1965                             | 1954                                       | 2000               | 2002                       | 1981 | 1944 | 1944 |  |
|                     |                   | 1960/2003                   |                             | 1961/2004 44 Jahre |                    |                             |                             |                |                                  |  |                    |                            |      |      |      |  |
| Mh <sub>N</sub> mm  | 86                | 76                          | 66                          | 63                 | 78                 | 93                          | 126                         | 165            | 160                              | 149  | 105                | 77                         | 87   | 77   |      |  |
| Mh <sub>A</sub> mm  | 40                | 42                          | 40                          | 41                 | 50                 | 55                          | 59                          | 63             | 63                               | 56   | 47                 | 43                         | 40   | 42   |      |  |
| <b>Dauertabelle</b> | Abflussjahr (*)   |                             |                             |                    | Kalenderjahr       |                             |                             |                | Unter schreitungs dauer in Tagen | Unterschrittene Abflüsse m <sup>3</sup> /s |                    |                            |      |      |      |  |
|                     | 2004              |                             | 2004                        |                    | 2004               |                             | 2004                        |                |                                  | Abfluss-jahr (*) 2004                      | Kalender-jahr 2004 | 1921/2004 84 Kalenderjahre |      |      |      |  |
|                     | Jahr              | Datum                       | Winter                      | Sommer             | Jahr               | Datum                       | Obere Hüllwerte             | Mittlere Werte |                                  |  |                    | Untere Hüllwerte           |      |      |      |  |
|                     | NQ                | 6.97                        | am 22.09.2004               | 9.43               | 6.97               | 6.97                        | am 22.09.2004               | (365)          |                                  | 42.5                                       | 42.5               | 157                        | 72.0 | 24.5 |      |  |
|                     | MQ                | 18.0                        |                             | 18.6               | 17.4               | 17.8                        |                             | 364            |                                  | 41.9                                       | 41.9               | 154                        | 63.6 | 23.0 |      |  |
|                     | HQ                | 66.3                        | am 25.03.2004 bei W= 147 cm | 66.3               | 43.4               | 66.3                        | am 25.03.2004 bei W= 147 cm | 363            |                                  | 41.2                                       | 41.2               | 154                        | 63.6 | 23.0 |      |  |
|                     | Nq                | 5.66                        |                             | 7.66               | 5.66               | 5.66                        |                             | 362            |                                  | 40.0                                       | 40.0               | 145                        | 60.5 | 23.0 |      |  |
|                     | Mq                | 14.7                        |                             | 15.2               | 14.2               | 14.5                        |                             | 361            |                                  | 39.7                                       | 39.7               | 137                        | 58.7 | 23.0 |      |  |
|                     | Hq                | 53.9                        |                             | 53.9               | 35.3               | 53.9                        |                             | 360            |                                  | 39.6                                       | 39.6               | 136                        | 57.1 | 22.0 |      |  |
|                     | h <sub>N</sub>    | 1088                        |                             | 420                | 668                | 1098                        |                             | 359            |                                  | 39.1                                       | 39.1               | 126                        | 55.8 | 21.5 |      |  |
|                     | h <sub>A</sub>    | 462                         |                             | 242                | 221                | 464                         |                             | 358            |                                  | 39.0                                       | 39.0               | 116                        | 54.6 | 21.5 |      |  |
|                     |                   |                             | 1921/2004 (*) 84 Jahre      |                    | 1921/2004          |                             |                             |                |                                  | 357  | 39.0               | 39.0                       | 106  | 53.6 | 21.5 |  |
|                     | NQ                | 3.40                        | am 21.01.1960               | 3.40               | 4.01               | 3.40                        | am 21.01.1960               | 356            |                                  | 38.8                                       | 38.8               | 97.5                       | 52.5 | 21.5 |      |  |
|                     | MNQ               | 9.34                        |                             | 10.5               | 12.0               | 9.30                        |                             | 350            |                                  | 35.8                                       | 35.8               | 89.8                       | 48.6 | 21.0 |      |  |
|                     | MQ                | 23.4                        |                             | 21.0               | 25.7               | 23.4                        |                             | 340            |                                  | 33.5                                       | 33.5               | 72.4                       | 44.2 | 21.0 |      |  |
| MHQ                 | 60.7              |                             | 43.7                        | 57.1               | 60.4               |                             | 330                         | 30.8           | 30.8                             | 63.2                                       | 40.4               | 20.0                       |      |      |      |  |
| HQ                  | 161               | am 24.05.1999 bei W= 254 cm | 74.8                        | 161                | 161                | am 24.05.1999 bei W= 254 cm | 320                         | 28.0           | 28.0                             | 61.8                                       | 37.6               | 19.5                       |      |      |      |  |
| HQ <sub>1</sub>     | 54.8              |                             | 41.5                        | 51.0               | 54.8               |                             | 300                         | 25.5           | 25.5                             | 58.7                                       | 33.7               | 18.3                       |      |      |      |  |
| HQ <sub>5</sub>     |                   |                             |                             |                    |                    |                             | 270                         | 22.1           | 22.1                             | 45.2                                       | 28.7               | 16.7                       |      |      |      |  |
| MNq                 | 7.59              |                             | 8.50                        | 9.72               | 7.56               |                             | 240                         | 19.8           | 19.8                             | 38.5                                       | 25.3               | 14.3                       |      |      |      |  |
| Mq                  | 19.0              |                             | 17.1                        | 20.9               | 19.0               |                             | 210                         | 18.2           | 18.2                             | 35.5                                       | 22.6               | 13.4                       |      |      |      |  |
| MHq                 | 49.3              |                             | 35.5                        | 46.4               | 49.1               |                             | 183                         | 16.1           | 16.1                             | 33.7                                       | 20.7               | 12.3                       |      |      |      |  |
|                     |                   | 1961/2004 (*) 44 Jahre      |                             | 1961/2004          |                    |                             |                             | 150            | 13.6                             | 13.6                                       | 29.5               | 18.6                       | 10.9 |      |      |  |
| Mh <sub>N</sub>     | 1245              |                             | 463                         | 782                | 1247               |                             | 130                         | 12.5           | 12.2                             | 28.0                                       | 17.3               | 10.2                       |      |      |      |  |
| Mh <sub>A</sub>     | 600               |                             | 272                         | 327                | 601                |                             | 120                         | 12.2           | 11.9                             | 27.6                                       | 16.6               | 9.70                       |      |      |      |  |
|                     |                   | Niedrigwasser               |                             | Hochwasser         |                    |                             |                             | 110            | 11.9                             | 11.4                                       | 27.5               | 15.9                       | 9.10 |      |      |  |
|                     |                   | m <sup>3</sup> /s           | l/(s km <sup>2</sup> )      | Datum              | m <sup>3</sup> /s  | l/(s km <sup>2</sup> )      | cm                          | Datum          | 100                              | 11.5                                       | 11.2               | 26.2                       | 15.2 | 8.80 |      |  |
| 1                   | 3.40              | 2.76                        | 21.01.1960                  | 161                | 131                | 24.05.1999                  | 90                          | 11.3           | 11.0                             | 26.2                                       | 14.6               | 7.80                       |      |      |      |  |
| 2                   |                   |                             |                             | 148                | 120                | 12.06.1965                  | 80                          | 11.1           | 10.7                             | 24.8                                       | 14.0               | 6.60                       |      |      |      |  |
| 3                   |                   |                             |                             | 140                | 114                | 03.06.1940                  | 70                          | 10.7           | 10.3                             | 24.0                                       | 13.4               | 5.20                       |      |      |      |  |
| 4                   |                   |                             |                             | 108                | 88.1               | 21.06.1979                  | 60                          | 10.4           | 9.94                             | 23.6                                       | 12.6               | 4.70                       |      |      |      |  |
| 5                   |                   |                             |                             | 108                | 87.8               | 13.07.1954                  | 50                          | 10.2           | 9.67                             | 22.7                                       | 11.9               | 4.50                       |      |      |      |  |
| 6                   |                   |                             |                             | 101                | 82.1               | 02.06.1965                  | 40                          | 9.98           | 9.28                             | 22.1                                       | 11.2               | 4.43                       |      |      |      |  |
| 7                   |                   |                             |                             | 92.8               | 75.4               | 19.06.1965                  | 30                          | 9.74           | 8.74                             | 21.0                                       | 10.6               | 4.43                       |      |      |      |  |
| 8                   |                   |                             |                             | 88.6               | 72.0               | 11.07.1946                  | 25                          | 9.70           | 8.27                             | 20.2                                       | 10.2               | 4.36                       |      |      |      |  |
| 9                   |                   |                             |                             | 85.2               | 69.3               | 25.05.1939                  | 20                          | 9.46           | 8.06                             | 19.7                                       | 9.71               | 4.36                       |      |      |      |  |
| 10                  |                   |                             |                             | 84.0               | 68.3               | 15.05.1930                  | 15                          | 8.70           | 7.94                             | 19.6                                       | 9.20               | 4.29                       |      |      |      |  |
|                     |                   |                             |                             |                    |                    |                             | 10                          | 8.10           | 7.75                             | 18.9                                       | 8.47               | 4.22                       |      |      |      |  |
|                     |                   |                             |                             |                    |                    |                             | 9                           | 8.10           | 7.69                             | 18.9                                       | 8.31               | 4.22                       |      |      |      |  |
|                     |                   |                             |                             |                    |                    |                             | 8                           | 8.06           | 7.62                             | 18.9                                       | 8.05               | 4.22                       |      |      |      |  |
|                     |                   |                             |                             |                    |                    |                             | 7                           | 8.06           | 7.54                             | 18.6                                       | 7.89               | 4.22                       |      |      |      |  |
|                     |                   |                             |                             |                    |                    |                             | 6                           | 8.03           |                                  |  |                    |                            |      |      |      |  |

A<sub>E0</sub> : 1230 km<sup>2</sup>

PNP :NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Gewässer: Amper

Gebiet : Isar

Nr. 16605006

|                 | Tag                    | 2002                   |                             | 2003                        |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |
|-----------------|------------------------|------------------------|-----------------------------|-----------------------------|--------------------|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------------|------|--|-------|--------------|------------|----------------------------|--|
|                 |                        | Nov                    | Dez                         | Jan                         | Feb                | Mrz        | Apr                         | Mai                         | Jun                         | Jul                         | Aug                              | Sep  | Okt  | Nov   | Dez          |            |                            |  |
| Tageswerte      | 1.                     | 30.5                   | 41.3                        | 33.3                        | 24.2               | 15.0       | 18.9                        | 14.8                        | 16.0                        | 9.18                        | 11.7                             | 6.59 | 6.86                                       | 12.9  | 12.5         |            |                            |  |
|                 | 2.                     | 31.0                   | 40.4                        | 34.5                        | 23.2               | 16.4       | 20.1                        | 14.4                        | 15.6                        | 10.1                        | 11.1                             | 6.45 | 7.20                                       | 12.7  | 12.5         |            |                            |  |
|                 | 3.                     | 37.4                   | 39.5                        | 37.1                        | 22.5               | 24.7       | 20.4                        | 14.4                        | 14.9                        | 9.55                        | 10.5                             | 5.99 | 7.10                                       | 12.5  | 12.4         |            |                            |  |
|                 | 4.                     | 47.3                   | 38.6                        | 38.5                        | 24.5               | 25.7       | 19.9                        | 13.9                        | 14.4                        | b 9.19                      | 9.97                             | 5.96 | 7.94                                       | 12.2  | 12.2         |            |                            |  |
|                 | 5.                     | 50.5                   | 37.7                        | 42.4                        | 24.8               | 25.0       | 19.5                        | 13.4                        | 14.1                        | b 9.01                      | 9.56                             | 5.85 | 12.3                                       | 11.8  | 12.0         |            |                            |  |
|                 | 6.                     | 49.0                   | 36.2                        | 40.0                        | 24.1               | 24.8       | 18.8                        | 13.2                        | 14.4                        | b 8.64                      | b 8.96                           | 5.80 | 22.0                                       | 11.4  | 11.7         |            |                            |  |
|                 | 7.                     | 47.9                   | 34.3                        | 38.0                        | 23.4               | 27.5       | 18.2                        | 12.9                        | 13.7                        | b 8.25                      | b 8.46                           | 5.61 | 25.4                                       | 11.1  | 11.6         |            |                            |  |
|                 | 8.                     | 48.2                   | 32.2                        | 38.4                        | 22.9               | 28.6       | 17.7                        | 12.9                        | 13.6                        | b 8.18                      | b 8.29                           | 5.52 | 30.6                                       | 10.7  | 11.3         |            |                            |  |
|                 | 9.                     | 47.9                   | 30.1                        | 34.5                        | 22.9               | 27.3       | 17.3                        | 15.0                        | 13.3                        | b 7.98                      | b 7.96                           | 5.27 | 34.3                                       | 10.6  | 10.8         |            |                            |  |
|                 | 10.                    | 48.5                   | 27.8                        | 32.6                        | 22.1               | 26.2       | 17.0                        | 14.6                        | 12.9                        | b 7.94                      | b 7.36                           | 5.48 | 37.4                                       | 10.3  | 10.3         |            |                            |  |
|                 | 11.                    | 50.1                   | 26.0                        | 29.9                        | 21.5               | 25.4       | 17.0                        | 14.7                        | 12.6                        | b 7.70                      | b 6.79                           | 5.83 | 37.1                                       | 10.2  | 10.2         |            |                            |  |
|                 | 12.                    | 51.5                   | 24.5                        | 28.1                        | 20.8               | 25.5       | 16.7                        | 14.9                        | 12.3                        | b 7.47                      | b 6.44                           | 6.32 | 36.0                                       | 9.84  | 10.1         |            |                            |  |
|                 | 13.                    | 50.5                   | 23.4                        | 26.3                        | 20.5               | 29.6       | 16.3                        | 15.5                        | 12.4                        | b 7.06                      | b 6.30                           | 6.83 | 34.9                                       | 10.1  | 9.98         |            |                            |  |
|                 | 14.                    | 50.0                   | 22.4                        | 25.7                        | 19.3               | 31.1       | 16.0                        | 16.5                        | 12.0                        | b 6.66                      | 5.68                             | 7.60 | 33.1                                       | 11.1  | 10.5         |            |                            |  |
|                 | 15.                    | 48.8                   | 21.8                        | 24.9                        | 18.6               | 30.2       | 16.7                        | 16.7                        | 12.2                        | b 6.55                      | 6.07                             | 7.39 | 31.2                                       | 11.4  | 11.5         |            |                            |  |
|                 | 16.                    | 47.8                   | 21.4                        | 23.9                        | 17.9               | 28.7       | 16.0                        | 15.7                        | 11.7                        | b 6.68                      | 6.19                             | 7.34 | 28.5                                       | 11.4  | 11.3         |            |                            |  |
|                 | 17.                    | 47.6                   | 25.6                        | 23.1                        | 17.2               | 27.4       | 16.0                        | 15.1                        | 11.3                        | b 8.57                      | 6.08                             | 7.29 | 25.6                                       | 11.6  | 11.2         |            |                            |  |
|                 | 18.                    | 46.0                   | 27.8                        | 22.4                        | 16.8               | 26.0       | 16.0                        | 15.0                        | 11.9                        | b 9.54                      | 6.30                             | 7.14 | 23.3                                       | 11.5  | 10.9         |            |                            |  |
|                 | 19.                    | 50.5                   | 27.6                        | 21.4                        | 16.2               | 24.7       | 15.8                        | 14.4                        | 11.6                        | b 8.92                      | 6.19                             | 7.55 | 21.5                                       | 11.3  | 10.7         |            |                            |  |
|                 | 20.                    | 50.4                   | 26.9                        | 20.9                        | 16.0               | 23.5       | 15.6                        | 14.7                        | 11.3                        | b 8.43                      | 5.87                             | 7.31 | 19.8                                       | 11.1  | 10.5         |            |                            |  |
|                 | 21.                    | 48.8                   | 28.1                        | 20.1                        | 15.6               | 22.3       | 15.9                        | 14.7                        | 10.8                        | b 8.75                      | 5.68                             | 6.73 | 19.0                                       | 10.9  | 11.0         |            |                            |  |
|                 | 22.                    | 47.4                   | 29.8                        | 19.8                        | 15.3               | 21.3       | 16.5                        | 14.3                        | 10.3                        | b 8.86                      | 5.68                             | 6.65 | 17.8                                       | 10.6  | 12.0         |            |                            |  |
|                 | 23.                    | 47.2                   | 34.6                        | 19.9                        | 15.1               | 20.5       | 17.2                        | 13.9                        | 10.2                        | b 8.86                      | 5.41                             | 6.58 | 16.6                                       | 10.3  | 11.9         |            |                            |  |
|                 | 24.                    | 45.6                   | 32.7                        | 21.5                        | 14.9               | 19.8       | 16.8                        | 13.4                        | 9.98                        | b 8.95                      | 5.23                             | 6.30 | 16.0                                       | 10.1  | 11.1         |            |                            |  |
|                 | 25.                    | 44.4                   | 30.9                        | 21.8                        | 14.8               | 19.1       | 16.5                        | 12.9                        | 9.86                        | 10.3                        | 4.86                             | 6.00 | 15.4                                       | 9.89  | 10.6         |            |                            |  |
|                 | 26.                    | 43.1                   | 29.9                        | 21.2                        | 14.6               | 18.9       | 16.1                        | 12.7                        | 9.72                        | 10.5                        | 4.72                             | 6.05 | 14.4                                       | 9.71  | 10.3         |            |                            |  |
|                 | 27.                    | 41.9                   | 28.9                        | 21.4                        | 14.7               | 18.4       | 16.2                        | 12.4                        | 9.46                        | 10.3                        | 4.66                             | 5.95 | 13.6                                       | 9.62  | 10.3         |            |                            |  |
|                 | 28.                    | 40.7                   | 28.0                        | 26.4                        | 14.7               | 18.1       | 15.6                        | 12.5                        | 9.73                        | 12.8                        | 4.32                             | 5.88 | 13.1                                       | 9.86  | 10.1         |            |                            |  |
|                 | 29.                    | 40.7                   | 31.8                        | 28.2                        | 14.7               | 18.1       | 14.9                        | 14.8                        | 9.23                        | 13.5                        | 4.74                             | 6.90 | 13.0                                       | 12.1  | 9.97         |            |                            |  |
|                 | 30.                    | 42.3                   | 34.9                        | 26.6                        | 18.2               | 18.2       | 14.7                        | 15.1                        | 9.08                        | 13.0                        | 5.71                             | 6.94 | 13.3                                       | 12.8  | 9.74         |            |                            |  |
|                 | 31.                    |                        | 33.3                        | 25.5                        | 18.5               | 18.5       |                             | 15.9                        |                             | 12.2                        | 6.20                             |      | 12.7                                       |       | 9.99         |            |                            |  |
| Hauptwerte      | Tag                    | 1.                     | 16.                         | 22.                         | 26.                | 1.         | 30.                         | 27.                         | 30.                         | 15.                         | 28.                              | 9.   | 1.   | 27.   | 30.          |            |                            |  |
|                 | NQ                     | 30.5                   | 21.4                        | 19.8                        | 14.6               | 15.0       | 14.7                        | 12.4                        | 9.08                        | 6.55                        | 4.32                             | 5.27 | 6.86                                       | 9.62  | 9.74         |            |                            |  |
|                 | MQ                     | 45.8                   | 30.6                        | 27.9                        | 19.2               | 23.4       | 17.0                        | 14.4                        | 12.0                        | 9.14                        | 6.87                             | 6.43 | 20.9                                       | 11.0  | 11.0         |            |                            |  |
|                 | HQ                     | 66.0                   | 42.3                        | 43.6                        | 40.0               | 35.2       | 21.4                        | 20.9                        | 18.4                        | 14.6                        | 12.7                             | 10.1 | 37.8                                       | 27.0  | 21.7         |            |                            |  |
|                 | Tag                    | 14.                    | 1.                          | 5.                          | 13.                | 15.        | 2.                          | 15.                         | 11.                         | 29.                         | 1.                               | 16.  | 10.  | 12.   | 16.          |            |                            |  |
|                 | h <sub>N</sub>         | mm                     | 158                         | 79                          | 84                 | 52         | 37                          | 42                          | 111                         | 71                          | 148                              | 79   | 71   | 142   | 44           | 50         |                            |  |
|                 | h <sub>A</sub>         | mm                     | 96                          | 67                          | 61                 | 38         | 51                          | 36                          | 31                          | 25                          | 20                               | 15   | 14   | 45    | 23           | 24         |                            |  |
|                 |                        |                        | 1920/2002                   |                             | 1921/2003 83 Jahre |            |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |
|                 | Jahr                   | 1947                   | 1962                        | 1960                        | 1963               | 1963       | 1972                        | 1934                        | 1934                        | 2003                        | 2003                             | 1947 | 1947                                       | 1947  | 1962         |            |                            |  |
|                 | NQ                     | 3.96                   | 3.97                        | 3.40                        | 4.88               | 4.88       | 7.31                        | 7.60                        | 6.80                        | 6.55                        | 4.32                             | 4.22 | 4.01                                       | 3.96  | 3.97         |            |                            |  |
|                 | MNQ                    | 14.0                   | 14.1                        | 13.4                        | 14.6               | 16.4       | 20.5                        | 19.9                        | 20.8                        | 20.5                        | 18.2                             | 16.1 | 14.5                                       | 14.0  | 14.1         |            |                            |  |
|                 | MQ                     | 19.0                   | 19.5                        | 18.5                        | 20.3               | 22.9       | 26.2                        | 27.4                        | 29.9                        | 29.1                        | 25.8                             | 22.6 | 19.9                                       | 19.0  | 19.6         |            |                            |  |
|                 | MHQ                    | 27.5                   | 28.6                        | 27.7                        | 29.8               | 32.4       | 34.6                        | 41.1                        | 43.8                        | 40.9                        | 37.4                             | 32.9 | 28.7                                       | 27.7  | 28.8         |            |                            |  |
|                 | HQ                     | 74.8                   | 71.4                        | 63.7                        | 62.0               | 69.8       | 71.7                        | 161                         | 148                         | 108                         | 68.7                             | 65.2 | 63.9                                       | 74.8  | 71.4         |            |                            |  |
|                 | Jahr                   | 1944                   | 1944                        | 1982                        | 1990               | 2000       | 1980                        | 1999                        | 1965                        | 1954                        | 2000                             | 2002 | 1981                                       | 1944  | 1944         |            |                            |  |
|                 |                        | 1960/2002              |                             | 1961/2003 43 Jahre          |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |
| Mh <sub>N</sub> | mm                     | 87                     | 76                          | 64                          | 64                 | 78         | 94                          | 126                         | 165                         | 160                         | 150                              | 106  | 77   | 88    | 78           |            |                            |  |
| Mh <sub>A</sub> | mm                     | 40                     | 42                          | 40                          | 40                 | 50         | 55                          | 60                          | 63                          | 63                          | 56                               | 48   | 43   | 40    | 42           |            |                            |  |
| Dauertabelle    | Abflussjahr (*)        |                        | 2003                        |                             |                    |            | Kalenderjahr                |                             |                             |                             | Unter schreitungs dauer in Tagen |      | Unterschrittene Abflüsse m <sup>3</sup> /s |       |              |            |                            |  |
|                 |                        |                        | Jahr                        |                             | Datum              |            | Jahr                        |                             | Datum                       |                             |                                  |      | Abflussjahr (*)                            |       | Kalenderjahr |            | 1921/2003 83 Kalenderjahre |  |
|                 |                        |                        |                             |                             | Winter             |            | Sommer                      |                             |                             |                             |                                  |      | 2003                                       |       | 2003         |            | Obere                      |  |
|                 |                        |                        |                             |                             |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            | Hüllwerte                  |  |
|                 |                        |                        |                             |                             |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            | Mittlere                   |  |
|                 |                        |                        |                             |                             |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            | Werte                      |  |
|                 |                        |                        |                             |                             |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            | Untere                     |  |
|                 |                        |                        |                             |                             |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            | Hüllwerte                  |  |
|                 | NQ                     | m <sup>3</sup> /s      | 4.32                        | am 28.08.2003               | 14.6               | 4.32       | 15.0                        | am 28.08.2003               | 4.32                        | am 28.08.2003               | (365)                            | 51.5 | 42.4                                       | 157   | 72.2         | 24.5       |                            |  |
|                 | MQ                     | m <sup>3</sup> /s      | 19.5                        |                             | 27.4               | 11.6       | 43.6                        |                             | 15.0                        |                             | 364                              | 36.3 | 50.5                                       | 40.0  | 154          | 63.8       | 23.0                       |  |
|                 | HQ                     | m <sup>3</sup> /s      | 66.0                        | am 14.11.2002 bei W= 149 cm | 66.0               | 37.8       | 43.6                        | am 05.01.2003 bei W= 114 cm | 43.6                        | am 05.01.2003 bei W= 114 cm | 363                              | 50.5 | 38.5                                       | 145   | 60.6         | 23.0       |                            |  |
|                 | Nq                     | l/(s km <sup>2</sup> ) | 3.51                        |                             | 11.9               | 3.51       | 3.51                        |                             | 3.51                        |                             | 362                              | 50.5 | 38.0                                       | 137   | 58.8         | 23.0       |                            |  |
|                 | Mq                     | l/(s km <sup>2</sup> ) | 15.8                        |                             | 22.3               | 9.46       | 12.2                        |                             | 12.2                        |                             | 361                              | 50.4 | 37.4                                       | 136   | 57.1         | 22.0       |                            |  |
|                 | Hq                     | l/(s km <sup>2</sup> ) | 53.6                        |                             | 53.6               | 30.7       | 35.4                        |                             | 35.4                        |                             | 360                              | 50.1 | 37.1                                       | 126   | 55.9         | 21.5       |                            |  |
|                 | h <sub>N</sub>         | mm                     | 1074                        |                             | 452                | 622        | 931                         |                             | 931                         |                             | 359                              | 50.0 | 37.1                                       | 116   | 54.7         | 21.5       |                            |  |
| h <sub>A</sub>  | mm                     | 499                    |                             | 354                         | 148                | 499        |                             | 499                         |                             | 358                         | 49.0                             | 36.4 | 106  | 53.8  | 21.5         |            |                            |  |
|                 |                        | 1921/2003 (*) 83 Jahre |                             |                             |                    | 1921/2003  |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |
| NQ              | m <sup>3</sup> /s      | 3.40                   | am 21.01.1960               | 3.40                        | 4.01               | 3.40       | am 21.01.1960               | 3.40                        | am 21.01.1960               | 340                         | 42.3                             | 28.5 | 72.4                                       | 44.4  | 21.0         |            |                            |  |
| MNQ             | m <sup>3</sup> /s      | 9.36                   |                             | 10.5                        | 12.0               | 9.33       |                             | 9.33                        |                             | 330                         | 38.0                             | 26.0 | 63.2                                       | 40.6  | 20.0         |            |                            |  |
| MQ              | m <sup>3</sup> /s      | 23.5                   |                             | 21.1                        | 25.8               | 23.5       |                             | 23.5                        |                             | 320                         | 34.9                             | 24.8 | 61.8                                       | 37.7  | 19.5         |            |                            |  |
| MHQ             | m <sup>3</sup> /s      | 60.6                   |                             | 43.5                        | 57.3               | 60.3       |                             | 60.3                        |                             | 300                         | 30.1                             | 21.8 | 58.7                                       | 33.8  | 18.3         |            |                            |  |
| HQ              | m <sup>3</sup> /s      | 161                    | am 24.05.1999 bei W= 254 cm | 74.8                        | 161                | 161        | am 24.05.1999 bei W= 254 cm | 161                         | am 24.05.1999 bei W= 254 cm | 270                         | 25.5                             | 18.2 | 45.2                                       | 28.9  | 16.7         |            |                            |  |
| HQ <sub>1</sub> | m <sup>3</sup> /s      | 54.8                   |                             | 41.5                        | 51.1               | 54.8       |                             | 54.8                        |                             | 240                         | 21.8                             | 16.0 | 38.5                                       | 25.4  | 14.3         |            |                            |  |
| HQ <sub>5</sub> | m <sup>3</sup> /s      |                        |                             |                             |                    |            |                             |                             |                             | 210                         | 18.4                             | 14.7 | 35.5                                       | 22.7  | 13.4         |            |                            |  |
| MNq             | l/(s km <sup>2</sup> ) | 7.61                   |                             | 8.51                        | 9.76               | 7.58       |                             | 7.58                        |                             | 183                         | 16.0                             | 12.9 | 33.7                                       | 20.8  | 12.3         |            |                            |  |
| Mq              | l/(s km <sup>2</sup> ) | 19.1                   |                             | 17.1                        | 21.0               | 19.1       |                             | 19.1                        |                             | 150                         | 14.7                             | 11.7 | 29.5                                       | 18.7  | 10.9         |            |                            |  |
| MHq             | l/(s km <sup>2</sup> ) | 49.3                   |                             | 35.3                        | 46.6               | 49.0       |                             | 49.0                        |                             | 130                         | 13.4                             | 11.0 | 28.0                                       | 17.4  | 10.2         |            |                            |  |
|                 |                        | 1961/2003 (*) 43 Jahre |                             |                             |                    | 1961/2003  |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |
| Mh <sub>N</sub> | mm                     | 1249                   |                             | 464                         | 785                | 1251       |                             | 1251                        |                             | 120                         | 12.9                             | 10.5 | 27.6                                       | 16.7  | 9.70         |            |                            |  |
| Mh <sub>A</sub> | mm                     | 601                    |                             | 272                         | 328                | 601        |                             | 601                         |                             | 110                         | 12.3                             | 10.3 | 27.5                                       | 16.0  | 9.10         |            |                            |  |
|                 |                        | Niedrigwasser          |                             |                             |                    | Hochwasser |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |
|                 |                        | m <sup>3</sup> /s      |                             | l/(s km <sup>2</sup> )      |                    | Datum      |                             | m <sup>3</sup> /s           |                             | l/(s km <sup>2</sup> )      |                                  | cm   |  | Datum |              |            |                            |  |
| 1               |                        | 3.40                   | 2.76                        | 21.01.1960                  | 161                | 131        | 24.05.1999                  | 148                         | 120                         | 12.06.1965                  | 140                              | 114  | 03.06.1940                                 | 108   | 88.1         | 21.06.1979 |                            |  |
| 2               |                        |                        |                             |                             | 148                | 120        | 12.06.1965                  | 140                         | 114                         | 03.06.1940                  | 108                              | 88.1 | 21.06.1979                                 | 108   | 87.8         | 13.07.1954 |                            |  |
| 3               |                        |                        |                             |                             | 140                | 114        | 03.06.1940                  | 108                         | 88.1                        | 21.06.1979                  | 108                              | 87.8 | 13.07.1954                                 | 101   | 82.1         | 02.06.1965 |                            |  |
| 4               |                        |                        |                             |                             | 108                | 88.1       | 21.06.1979                  | 108                         | 87.8                        | 13.07.1954                  | 101                              | 82.1 | 02.06.1965                                 | 92.8  | 75.4         | 19.06.1965 |                            |  |
| 5               |                        |                        |                             |                             | 108                | 87.8       | 13.07.1954                  | 101                         | 82.1                        | 02.06.1965                  | 92.8                             | 75.4 | 19.06.1965                                 | 88.6  | 72.0         | 11.07.1946 |                            |  |
| 6               |                        |                        |                             |                             | 101                | 82.1       | 02.06.1965                  | 92.8                        | 75.4                        | 19.06.1965                  | 88.6                             | 72.0 | 11.07.1946                                 | 85.2  | 69.3         | 25.05.1939 |                            |  |
| 7               |                        |                        |                             |                             | 92.8               | 75.4       | 19.06.1965                  | 88.6                        | 72.0                        | 11.07.1946                  | 85.2                             | 69.3 | 25.05.1939                                 | 84.0  | 68.3         | 15.05.1930 |                            |  |
| 8               |                        |                        |                             |                             | 88.6               | 72.0       | 11.07.1946                  | 85.2                        | 69.3                        | 25.05.1939                  | 84.0                             | 68.3 | 15.05.1930                                 |       |              |            |                            |  |
| 9               |                        |                        |                             |                             | 85.2               | 69.3       | 25.05.1939                  | 84.0                        | 68.3                        | 15.05.1930                  |                                  |      |  |       |              |            |                            |  |
| 10              |                        |                        |                             |                             |                    |            |                             |                             |                             |                             |                                  |      |  |       |              |            |                            |  |

A<sub>E0</sub> : 1230 km<sup>2</sup>

PNP :NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Nr. 16605006

Gewässer: Amper

Gebiet : Isar

| Tag                | 2001                   |                        | 2002                        |                        |      |              |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------------------------|------------------------|-----------------------------|------------------------|------|--------------|-----------------------------|-------------------|------|------------------------|------|--|------------|----------|------|------------|-----|-----------|------------|-----|------|------------|------|------|------------|------|------|------------|------|------|------------|------|------|------------|--|--|--|--|--|--|--|--|--|--|--|
|                    | Nov                    | Dez                    | Jan                         | Feb                    | Mrz  | Apr          | Mai                         | Jun               | Jul  | Aug                    | Sep  | Okt  | Nov        | Dez      |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 1.                 | 13.0                   | 43.0                   | 26.8                        | 17.7                   | 32.4 | 38.9         | 27.9                        | 23.9              | 16.6 | 33.2                   | 42.9 | 56.5                                       | 30.5       | 41.3     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 2.                 | 12.3                   | 46.7                   | 24.9                        | 17.2                   | 33.5 | 37.6         | 26.2                        | 22.0              | 15.8 | 38.0                   | 47.5 | 55.2                                       | 31.0       | 40.4     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 3.                 | 12.0                   | 46.0                   | 23.0                        | 16.7                   | 35.4 | 36.0         | 24.8                        | 20.7              | 15.3 | 36.7                   | 47.3 | 53.9                                       | 37.4       | 39.5     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 4.                 | 11.8                   | 44.5                   | 21.6                        | 16.3                   | 32.2 | 34.3         | 24.0                        | 19.8              | 17.7 | 35.9                   | 46.8 | 52.7                                       | 47.3       | 38.6     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 5.                 | 11.6                   | 44.3                   | 20.4                        | 15.9                   | 30.0 | 31.9         | 23.0                        | 18.7              | 18.8 | 38.7                   | 47.0 | 51.6                                       | 50.5       | 37.7     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 6.                 | 11.5                   | 44.3                   | 19.5                        | 15.7                   | 28.1 | 29.0         | 22.1                        | 17.9              | 19.2 | 36.2                   | 46.6 | 51.7                                       | 49.0       | 36.2     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 7.                 | 12.4                   | 44.0                   | 18.6                        | 17.6                   | 26.6 | 26.4         | 21.2                        | 19.7              | 20.4 | 36.6                   | 45.6 | 51.9                                       | 47.9       | 34.3     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 8.                 | 14.7                   | 43.2                   | 18.0                        | 18.4                   | 24.9 | 24.5         | 20.5                        | 20.7              | 19.4 | 35.2                   | 44.3 | 51.5                                       | 48.2       | 32.2     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 9.                 | 13.7                   | 42.1                   | 17.2                        | 19.2                   | 23.7 | 22.8         | 19.8                        | 20.7              | 19.1 | 34.2                   | 43.1 | 50.1                                       | 47.9       | 30.1     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 10.                | 13.1                   | 41.0                   | 16.3                        | 20.2                   | 22.5 | 21.2         | 19.4                        | 23.6              | 19.4 | 36.5                   | 43.2 | 48.7                                       | 48.5       | 27.8     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 11.                | 12.7                   | 40.0                   | 15.8                        | 20.4                   | 21.4 | 19.9         | 19.9                        | 24.8              | 19.5 | 48.2                   | 41.8 | 47.5                                       | 50.1       | 26.0     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 12.                | 12.4                   | 38.7                   | 15.5                        | 20.2                   | 20.5 | 19.0         | 20.2                        | 24.1              | 17.8 | 57.6                   | 40.5 | 46.3                                       | 51.5       | 24.5     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 13.                | 12.4                   | 36.7                   | 15.0                        | 19.6                   | 19.6 | 18.3         | 19.5                        | 23.1              | 18.3 | 60.2                   | 38.7 | 45.8                                       | 50.5       | 23.4     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 14.                | 12.9                   | 35.2                   | 14.6                        | 18.6                   | 18.7 | 17.7         | 19.2                        | 21.4              | 19.1 | 60.9                   | 37.1 | 45.2                                       | 50.0       | 22.4     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 15.                | 12.7                   | 33.0                   | 14.2                        | 17.9                   | 18.0 | 17.7         | 18.3                        | 20.2              | 18.2 | 59.9                   | 34.9 | 46.3                                       | 48.8       | 21.8     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 16.                | 12.3                   | 30.2                   | 13.8                        | 17.5                   | 17.5 | 17.5         | 17.7                        | 19.3              | 18.2 | 58.3                   | 32.4 | 46.0                                       | 47.8       | 21.4     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 17.                | 12.2                   | 27.9                   | 13.3                        | 16.9                   | 16.9 | 16.9         | 17.2                        | 19.0              | 22.8 | 56.7                   | 29.5 | 46.0                                       | 47.6       | 25.6     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 18.                | 12.0                   | 25.7                   | 13.3                        | 16.4                   | 16.5 | 16.3         | 20.5                        | 18.0              | 25.1 | 55.3                   | 27.1 | 48.3                                       | 46.0       | 27.8     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 19.                | 11.7                   | 24.0                   | 13.1                        | 16.3                   | 16.8 | 15.9         | 43.1                        | 16.9              | 25.3 | 53.8                   | 25.8 | 46.9                                       | 50.5       | 27.6     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 20.                | 11.6                   | 22.6                   | 13.3                        | 16.3                   | 31.5 | 15.9         | 36.0                        | 16.3              | 24.2 | 52.3                   | 27.3 | 45.9                                       | 50.4       | 26.9     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 21.                | 11.6                   | 21.2                   | 14.9                        | 15.8                   | 42.5 | 15.9         | 32.7                        | 17.8              | 22.8 | 51.5                   | 33.0 | 45.0                                       | 48.8       | 28.1     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 22.                | 11.3                   | 20.4                   | 15.7                        | 15.9                   | 47.9 | 15.8         | 29.2                        | 20.0              | 21.4 | 50.5                   | 35.4 | 44.1                                       | 47.4       | 29.8     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 23.                | 14.9                   | 19.3                   | 15.2                        | 16.3                   | 52.4 | 15.6         | 26.6                        | 19.4              | 19.9 | 49.0                   | 36.8 | 43.1                                       | 47.2       | 34.6     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 24.                | 14.6                   | 18.3                   | 15.1                        | 16.7                   | 48.9 | 17.3         | 26.3                        | 20.5              | 19.1 | 47.8                   | 48.1 | 41.8                                       | 45.6       | 32.7     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 25.                | 14.9                   | 18.2                   | 15.3                        | 18.3                   | 47.7 | 28.5         | 25.1                        | 20.4              | 19.3 | 46.5                   | 57.7 | 40.7                                       | 44.4       | 30.9     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 26.                | 24.9                   | 17.7                   | 15.6                        | 23.0                   | 46.4 | 32.5         | 28.8                        | 19.5              | 19.7 | 45.2                   | 57.9 | 40.1                                       | 43.1       | 29.9     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 27.                | 28.1                   | 17.4                   | 16.0                        | 23.8                   | 45.2 | 33.8         | 27.7                        | 18.8              | 19.3 | 46.6                   | 58.2 | 38.3                                       | 41.9       | 28.9     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 28.                | 26.3                   | 17.7                   | 17.2                        | 30.2                   | 43.9 | 33.1         | 29.9                        | 17.8              | 18.1 | 43.9                   | 59.9 | 36.4                                       | 40.7       | 28.0     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 29.                | 26.6                   | 23.3                   | 18.6                        |                        | 42.8 | 31.6         | 30.5                        | 17.4              | 17.5 | 42.2                   | 59.3 | 34.1                                       | 40.7       | 31.8     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 30.                | 33.8                   | 31.1                   | 18.5                        |                        | 41.4 | 29.7         | 27.8                        | 17.0              | 16.5 | 41.1                   | 57.8 | 31.8                                       | 42.3       | 34.9     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 31.                |                        | 28.6                   | 18.2                        |                        | 40.3 |              | 25.8                        |                   | 16.5 | 38.5                   |      | 30.9                                       |            | 33.3     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Tag                | 22.                    | 27.                    | 19.                         | 6.                     | 18.  | 23.          | 17.                         | 20.               | 3.   | 1.                     | 19.  | 31.  | 1.         | 16.      |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| NQ                 | 11.3                   | 17.4                   | 13.1                        | 15.7                   | 16.5 | 15.6         | 17.2                        | 16.3              | 15.3 | 33.2                   | 25.8 | 30.9                                       | 30.5       | 21.4     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MQ                 | 15.2                   | 31.8                   | 17.1                        | 18.4                   | 31.8 | 24.4         | 24.9                        | 20.0              | 19.4 | 46.0                   | 43.1 | 45.6                                       | 45.8       | 30.6     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| HQ                 | 44.3                   | 48.6                   | 29.3                        | 36.1                   | 55.5 | 39.9         | 58.5                        | 34.0              | 26.1 | 61.2                   | 65.2 | 57.5                                       | 66.0       | 42.3     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Tag                | 30.                    | 2.                     | 27.                         | 28.                    | 22.  | 1.           | 21.                         | 10.               | 18.  | 13.                    | 3.   | 1.   | 14.        | 1.       |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| h <sub>N</sub> mm  | 120                    | 93                     | 15                          | 77                     | 121  | 77           | 124                         | 127               | 169  | 224                    | 206  | 103  | 158        | 79       |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| h <sub>A</sub> mm  | 32                     | 69                     | 37                          | 36                     | 69   | 51           | 54                          | 42                | 42   | 100                    | 91   | 99   | 96         | 67       |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | 1920/2001              |                             | 1921/2002              |      |              |                             |                   |      |                        |      |  |            |          |      | 82 Jahre   |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Jahr               | 1947                   | 1962                   | 1960                        | 1963                   | 1963 | 1972         | 1934                        | 1934              | 1950 | 1947                   | 1947 | 1947                                       | 1947       | 1962     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| NQ                 | 3.96                   | 3.97                   | 3.40                        | 4.88                   | 4.88 | 7.31         | 7.60                        | 6.80              | 8.50 | 5.20                   | 4.22 | 4.01                                       | 3.96       | 3.97     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MNQ                | 13.8                   | 14.0                   | 13.3                        | 14.6                   | 16.4 | 20.5         | 20.0                        | 21.0              | 20.7 | 18.4                   | 16.2 | 14.6                                       | 14.1       | 14.2     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MQ                 | 18.7                   | 19.4                   | 18.4                        | 20.4                   | 22.9 | 26.3         | 27.6                        | 30.2              | 29.4 | 26.0                   | 22.8 | 19.9                                       | 19.1       | 19.7     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MHQ                | 27.0                   | 28.5                   | 27.5                        | 29.7                   | 32.4 | 34.7         | 41.3                        | 44.2              | 41.2 | 37.7                   | 33.1 | 28.6                                       | 27.7       | 28.9     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| HQ                 | 74.8                   | 71.4                   | 63.7                        | 62.0                   | 69.8 | 71.7         | 161                         | 148               | 108  | 68.7                   | 65.2 | 63.9                                       | 74.8       | 71.4     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Jahr               | 1944                   | 1944                   | 1982                        | 1990                   | 2000 | 1980         | 1999                        | 1965              | 1954 | 2000                   | 2002 | 1981                                       | 1944       | 1944     |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | 1960/2001              |                             | 1961/2002              |      |              |                             |                   |      |                        |      |  |            |          |      | 42 Jahre   |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Mh <sub>N</sub> mm | 85                     | 76                     | 64                          | 64                     | 79   | 95           | 127                         | 167               | 160  | 152                    | 107  | 76   | 89         | 78       |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Mh <sub>A</sub> mm | 39                     | 42                     | 40                          | 40                     | 50   | 55           | 60                          | 64                | 64   | 57                     | 48   | 43   | 40         | 43       |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | Abflussjahr (*)        |                             |                        |      | Kalenderjahr |                             |                   |      | Unter                  |      | Unterschrittene Abflüsse m <sup>3</sup> /s |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | 2002                   |                             |                        |      | 2002         |                             |                   |      | schreitungs            |      | 82 Kalenderjahre                           |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | Jahr                   |                             | Datum                  |      | Winter       |                             | Sommer            |      | dauer                  |      | Abfluss-                                   |            | Kalender |      | 1921/2002  |     | 82        |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        |                        |                             |                        |      |              |                             |                   |      | in Tagen               |      | jahr (*)                                   |            | jahr     |      | Obere      |     | Mittlere  |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        |                        |                             |                        |      |              |                             |                   |      |                        |      | 2002                                       |            | 2002     |      | Hüllwerte  |     | Werte     |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        |                        |                             |                        |      |              |                             |                   |      |                        |      |  |            |          |      | Hüllwerte  |     | Untere    |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        |                        |                             |                        |      |              |                             |                   |      |                        |      |  |            |          |      |            |     | Hüllwerte |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| NQ                 | m <sup>3</sup> /s      | 11.3                   | am 22.11.2001               | 11.3                   | 15.3 | 13.1         | am 19.01.2002               |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MQ                 | m <sup>3</sup> /s      | 28.2                   |                             | 23.2                   | 33.2 | 30.7         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| HQ                 | m <sup>3</sup> /s      | 65.2                   | am 03.09.2002 bei W= 144 cm | 55.5                   | 65.2 | 66.0         | am 14.11.2002 bei W= 149 cm |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Nq                 | l/(s km <sup>2</sup> ) | 9.20                   |                             | 9.20                   | 12.4 | 10.6         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Mq                 | l/(s km <sup>2</sup> ) | 23.0                   |                             | 18.9                   | 27.0 | 24.9         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Hq                 | l/(s km <sup>2</sup> ) | 53.0                   |                             | 45.1                   | 53.0 | 53.6         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| h <sub>N</sub>     | mm                     | 1456                   |                             | 503                    | 953  | 1480         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| h <sub>A</sub>     | mm                     | 724                    |                             | 300                    | 422  | 724          |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | 1921/2002 (*) 82 Jahre |                             |                        |      | 1921/2002    |                             |                   |      | Dauertabelle           |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| NQ                 | m <sup>3</sup> /s      | 3.40                   | am 21.01.1960               | 3.40                   | 4.01 | 3.40         | am 21.01.1960               |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MNQ                | m <sup>3</sup> /s      | 9.42                   |                             | 10.4                   | 12.1 | 9.39         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MQ                 | m <sup>3</sup> /s      | 23.5                   |                             | 21.0                   | 26.0 | 23.6         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MHQ                | m <sup>3</sup> /s      | 60.5                   |                             | 43.2                   | 57.5 | 60.5         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| HQ                 | m <sup>3</sup> /s      | 161                    | am 24.05.1999 bei W= 254 cm | 74.8                   | 161  | 161          | am 24.05.1999 bei W= 254 cm |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| HQ <sub>1</sub>    | m <sup>3</sup> /s      | 54.8                   |                             | 41.5                   | 51.3 | 54.8         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| HQ <sub>5</sub>    | m <sup>3</sup> /s      |                        |                             |                        |      |              |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MNq                | l/(s km <sup>2</sup> ) | 7.66                   |                             | 8.47                   | 9.84 | 7.63         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Mq                 | l/(s km <sup>2</sup> ) | 19.1                   |                             | 17.1                   | 21.1 | 19.2         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| MHq                | l/(s km <sup>2</sup> ) | 49.2                   |                             | 35.1                   | 46.8 | 49.2         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | 1961/2002 (*) 42 Jahre |                             |                        |      | 1961/2002    |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Mh <sub>N</sub>    | mm                     | 1253                   |                             | 464                    | 789  | 1258         |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| Mh <sub>A</sub>    | mm                     | 602                    |                             | 271                    | 330  | 604          |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | Niedrigwasser          |                             |                        |      | Hochwasser   |                             |                   |      |                        |      |  |            |          |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
|                    |                        | m <sup>3</sup> /s      |                             | l/(s km <sup>2</sup> ) |      | Datum        |                             | m <sup>3</sup> /s |      | l/(s km <sup>2</sup> ) |      | cm   |            | Datum    |      |            |     |           |            |     |      |            |      |      |            |      |      |            |      |      |            |      |      |            |  |  |  |  |  |  |  |  |  |  |  |
| 1                  |                        | 3.40                   | 2.76                        | 21.01.1960             | 161  | 131          | 24.05.1999                  | 148               | 120  | 12.06.1965             | 140  | 114  | 03.06.1940 | 108      | 88.1 | 21.06.1979 | 108 | 87.8      | 13.07.1954 | 101 | 82.1 | 02.06.1965 | 92.8 | 75.4 | 19.06.1965 | 88.6 | 72.0 | 11.07.1946 | 85.2 | 69.3 | 25.05.1939 | 84.0 | 68.3 | 15.05.1930 |  |  |  |  |  |  |  |  |  |  |  |

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

A<sub>E0</sub> : 1230 km<sup>2</sup>

PNP : NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Nr. 16605006

Gewässer: Amper

Gebiet : Isar

|                 | Tag            | 2000              |                        | 2001       |                   |                        |              |       |                                  |                  |               |           |                  |                  |                |                  |          |  |
|-----------------|----------------|-------------------|------------------------|------------|-------------------|------------------------|--------------|-------|----------------------------------|------------------|---------------|-----------|------------------|------------------|----------------|------------------|----------|--|
|                 |                | Nov               | Dez                    | Jan        | Feb               | Mrz                    | Apr          | Mai   | Jun                              | Jul              | Aug           | Sep       | Okt              | Nov              | Dez            |                  |          |  |
| Tageswerte      | 1.             | 18.9              | 19.9                   | 13.0       | 16.5              | 20.6                   | 41.6         | 38.0  | 15.6                             | 37.0             | 16.7          | 15.4      | 24.8             | 13.0             | 43.0           |                  |          |  |
|                 | 2.             | 18.0              | 19.2                   | 13.0       | 16.1              | 20.0                   | 40.5         | 37.4  | 15.4                             | 35.8             | 15.8          | 15.7      | 23.5             | 12.3             | 46.7           |                  |          |  |
|                 | 3.             | 17.4              | 18.6                   | 13.2       | 16.8              | 20.3                   | 39.4         | 36.8  | 16.4                             | 34.2             | 15.3          | 16.4      | 22.2             | 12.0             | 46.0           |                  |          |  |
|                 | 4.             | 17.3              | 17.9                   | 13.2       | 17.0              | 23.5                   | 38.2         | 35.8  | 18.0                             | 32.6             | 17.3          | 15.9      | 21.2             | 11.8             | 44.5           |                  |          |  |
|                 | 5.             | 17.3              | 17.3                   | 13.0       | 15.3              | 35.3                   | 35.8         | 37.1  | 35.3                             | 18.0             | 30.6          | 21.0      | 16.1             | 20.1             | 11.6           | 44.3             |          |  |
|                 | 6.             | 17.1              | 16.7                   | 13.1       | 15.4              | 35.4                   | 38.4         | 35.9  | 37.3                             | 18.8             | 28.0          | 21.8      | 19.3             | 19.4             | 11.5           | 44.3             |          |  |
|                 | 7.             | 17.0              | 16.2                   | 15.8       | 19.1              | 34.0                   | 36.9         | 35.6  | 35.0                             | 20.5             | 28.6          | 20.9      | 23.9             | 18.6             | 12.4           | 44.0             |          |  |
|                 | 8.             | 16.6              | 15.8                   | 19.1       | 31.4              | 35.3                   | 36.1         | 33.2  | 33.2                             | 20.0             | 29.9          | 19.7      | 26.3             | 18.1             | 14.7           | 43.2             |          |  |
|                 | 9.             | 16.2              | 15.9                   | 20.5       | 31.0              | 37.1                   | 35.8         | 31.6  | 31.6                             | 21.9             | 26.0          | 19.0      | 40.2             | 17.5             | 13.7           | 42.1             |          |  |
|                 | 10.            | 15.7              | 15.7                   | 20.2       | 30.6              | 38.8                   | 35.8         | 29.6  | 29.6                             | 33.7             | 23.5          | 23.4      | 39.4             | 16.9             | 13.1           | 41.0             |          |  |
|                 | 11.            | 15.3              | 15.7                   | 20.0       | 29.1              | 38.8                   | 35.7         | 27.7  | 45.9                             | 21.8             | 24.4          | 37.8      | 16.3             | 12.7             | 40.0           |                  |          |  |
|                 | 12.            | 14.8              | 15.1                   | 20.8       | 27.3              | 39.2                   | 35.9         | 26.3  | 46.2                             | 20.2             | 23.0          | 37.2      | 15.8             | 12.4             | 38.7           |                  |          |  |
|                 | 13.            | 15.3              | 14.9                   | 20.3       | 25.6              | 41.8                   | 36.3         | 24.6  | 44.9                             | 19.3             | 21.7          | 36.4      | 15.3             | 12.4             | 36.7           |                  |          |  |
|                 | 14.            | 14.7              | 14.4                   | 19.6       | 24.5              | 41.8                   | 35.8         | 24.1  | 44.4                             | 18.2             | 20.1          | 36.3      | 15.0             | 12.9             | 35.2           |                  |          |  |
|                 | 15.            | 14.5              | 14.4                   | 18.8       | 23.7              | 42.7                   | 35.9         | 23.8  | 43.5                             | 17.4             | 19.1          | 37.6      | 14.6             | 12.7             | 33.0           |                  |          |  |
|                 | 16.            | 14.5              | 14.4                   | 17.6       | 23.0              | 42.1                   | 38.0         | 26.4  | 44.4                             | 20.3             | 18.3          | 37.1      | 14.4             | 12.3             | 30.2           |                  |          |  |
|                 | 17.            | 14.9              | 14.4                   | 16.5       | 21.5              | 41.2                   | 37.7         | 24.5  | 45.9                             | 21.2             | 19.9          | 40.0      | 14.1             | 12.2             | 27.9           |                  |          |  |
|                 | 18.            | 14.8              | 14.2                   | 15.6       | 20.5              | 41.1                   | 37.4         | 26.0  | 45.4                             | 21.2             | 22.4          | 39.6      | 14.0             | 12.0             | 25.7           |                  |          |  |
|                 | 19.            | 14.8              | 16.2                   | 15.1       | 19.6              | 40.7                   | 36.9         | 26.4  | 46.9                             | 20.9             | 21.9          | 38.0      | 13.9             | 11.7             | 24.0           |                  |          |  |
|                 | 20.            | 14.6              | 16.8                   | 14.6       | 19.1              | 39.9                   | 38.0         | 24.3  | 49.8                             | 20.5             | 21.0          | 36.7      | 13.4             | 11.6             | 22.6           |                  |          |  |
|                 | 21.            | 15.7              | 16.3                   | 14.3       | 18.4              | 43.0                   | 40.5         | 23.0  | 50.0                             | 25.1             | 19.8          | 35.7      | 13.6             | 11.6             | 21.2           |                  |          |  |
|                 | 22.            | 16.8              | 15.9                   | 14.1       | 18.8              | 44.9                   | 41.8         | 22.0  | 49.3                             | 27.4             | 18.7          | 34.8      | 13.5             | 11.3             | 20.4           |                  |          |  |
|                 | 23.            | 16.8              | 15.6                   | 14.0       | 21.3              | 44.7                   | 42.5         | 21.3  | 48.0                             | 26.1             | 17.8          | 33.9      | 13.0             | 14.9             | 19.3           |                  |          |  |
|                 | 24.            | 16.7              | 15.0                   | 14.0       | 24.1              | 45.6                   | 43.0         | 20.3  | 46.7                             | 24.6             | 16.8          | 33.4      | 13.8             | 14.6             | 18.3           |                  |          |  |
|                 | 25.            | 18.3              | 14.4                   | 16.6       | 24.2              | 46.3                   | 41.2         | 20.3  | 45.3                             | 23.0             | 16.0          | 32.5      | 13.8             | 14.9             | 18.2           |                  |          |  |
|                 | 26.            | 20.0              | 14.1                   | 21.8       | 23.6              | 46.8                   | 40.8         | 19.8  | 43.8                             | 21.4             | 15.3          | 31.7      | 13.5             | 24.9             | 17.7           |                  |          |  |
|                 | 27.            | 20.1              | 13.8                   | 22.0       | 22.5              | 45.6                   | 40.2         | 19.0  | 42.0                             | 20.1             | 15.0          | 30.8      | 13.4             | 28.1             | 17.4           |                  |          |  |
|                 | 28.            | 20.3              | 13.9                   | 20.2       | 21.3              | 44.5                   | 39.9         | 18.0  | 40.7                             | 18.9             | 14.0          | 29.0      | 12.9             | 26.3             | 17.7           |                  |          |  |
|                 | 29.            | 20.9              | 14.0                   | 19.0       | 24.0              | 43.4                   | 39.2         | 17.1  | 39.5                             | 17.9             | 13.4          | 27.2      | 12.5             | 26.6             | 23.3           |                  |          |  |
|                 | 30.            | 20.7              | 13.9                   | 17.9       | 24.0              | 43.0                   | 38.7         | 16.2  | 38.1                             | 18.5             | 12.8          | 25.9      | 12.2             | 33.8             | 31.1           |                  |          |  |
|                 | 31.            |                   | 13.5                   | 17.3       | 42.4              | 42.4                   |              | 16.6  |                                  | 17.9             |               |           | 12.0             |                  | 28.6           |                  |          |  |
| Hauptwerte      | Tag            | 16.               | 31.                    | 2.         | 2.                | 2.                     | 7.           | 30.   | 2.                               | 15.              | 31.           | 1.        | 31.              | 22.              | 27.            |                  |          |  |
|                 | NQ             | 14.5              | 13.5                   | 13.0       | 16.1              | 20.0                   | 35.6         | 16.2  | 15.4                             | 17.4             | 12.7          | 15.4      | 12.0             | 11.3             | 17.4           |                  |          |  |
|                 | MQ             | 16.9              | 15.6                   | 16.9       | 24.4              | 38.9                   | 38.4         | 26.4  | 36.6                             | 24.1             | 18.5          | 30.7      | 15.9             | 15.2             | 31.8           |                  |          |  |
|                 | HQ             | 27.6              | 20.4                   | 27.7       | 42.1              | 51.3                   | 52.4         | 43.2  | 53.5                             | 37.6             | 29.0          | 43.9      | 25.5             | 44.3             | 48.6           |                  |          |  |
|                 | Tag            | 17.               | 1.                     | 26.        | 6.                | 23.                    | 23.          | 4.    | 20.                              | 1.               | 11.           | 9.        | 1.               | 30.              | 2.             |                  |          |  |
|                 | h <sub>N</sub> | mm                | 65                     | 34         | 80                | 90                     | 137          | 116   | 72                               | 224              | 95            | 150       | 161              | 42               | 120            | 93               |          |  |
|                 | h <sub>A</sub> | mm                | 36                     | 34         | 37                | 48                     | 85           | 81    | 57                               | 77               | 52            | 40        | 65               | 35               | 32             | 69               |          |  |
|                 |                |                   | 1920/2000              |            | 1921/2001         |                        |              |       |                                  |                  |               |           |                  |                  |                |                  | 81 Jahre |  |
|                 | Jahr           | 1947              | 1962                   | 1960       | 1963              | 1963                   | 1972         | 1934  | 1934                             | 1950             | 1947          | 1947      | 1947             | 1947             | 1962           |                  |          |  |
|                 | NQ             | 3.96              | 3.97                   | 3.40       | 4.88              | 4.88                   | 7.31         | 7.60  | 6.80                             | 8.50             | 5.20          | 4.22      | 4.01             | 3.96             | 3.97           |                  |          |  |
|                 | MNQ            | 13.9              | 14.0                   | 13.3       | 14.6              | 16.4                   | 20.6         | 21.0  | 20.7                             | 18.2             | 16.1          | 14.4      | 13.9             | 14.1             |                |                  |          |  |
|                 | MQ             | 18.7              | 19.3                   | 18.4       | 20.4              | 22.8                   | 26.4         | 27.6  | 30.3                             | 29.5             | 25.8          | 22.6      | 19.6             | 18.8             | 19.5           |                  |          |  |
|                 | MHQ            | 26.8              | 28.2                   | 27.4       | 29.6              | 32.1                   | 34.7         | 41.1  | 44.3                             | 41.4             | 37.4          | 32.7      | 28.2             | 27.2             | 28.7           |                  |          |  |
|                 | HQ             | 74.8              | 71.4                   | 63.7       | 62.0              | 69.8                   | 71.7         | 161   | 148                              | 108              | 68.7          | 60.0      | 63.9             | 74.8             | 71.4           |                  |          |  |
|                 | Jahr           | 1944              | 1944                   | 1982       | 1990              | 2000                   | 1980         | 1999  | 1965                             | 1954             | 2000          | 1937      | 1981             | 1944             | 1944           |                  |          |  |
|                 |                | 1960/2000         |                        | 1961/2001  |                   |                        |              |       |                                  |                  |               |           |                  |                  |                | 41 Jahre         |          |  |
| Mh <sub>N</sub> | mm             | 84                | 76                     | 65         | 63                | 78                     | 96           | 127   | 168                              | 160              | 150           | 104       | 75               | 87               | 78             |                  |          |  |
| Mh <sub>A</sub> | mm             | 39                | 42                     | 40         | 40                | 50                     | 56           | 60    | 64                               | 64               | 56            | 48        | 43               | 40               | 42             |                  |          |  |
| Extremwerte     | Niedrigwasser  |                   |                        | Hochwasser |                   |                        | Dauertabelle |       |                                  |                  |               |           |                  |                  |                |                  |          |  |
|                 |                | m <sup>3</sup> /s | l/(s km <sup>2</sup> ) | Datum      | m <sup>3</sup> /s | l/(s km <sup>2</sup> ) | cm           | Datum | Unter schreitungs dauer in Tagen | Abfluss-jahr (*) | Kalender-jahr | 1921/2001 | 81 Kalenderjahre | Oberer Hüllwerte | Mittlere Werte | Untere Hüllwerte |          |  |
|                 | 1              | 3.40              | 2.76                   | 21.01.1960 | 161               | 131                    | 24.05.1999   | 11.3  | am 22.11.2001                    | 364              | 50.0          | 50.0      | 157              | 72.2             | 24.5           |                  |          |  |
|                 | 2              |                   |                        |            | 148               | 120                    | 12.06.1965   | 26.5  | am 20.06.2001                    | 363              | 49.8          | 49.8      | 154              | 64.0             | 23.0           |                  |          |  |
|                 | 3              |                   |                        |            | 140               | 114                    | 03.06.1940   | 53.5  | bei W= 131 cm                    | 362              | 49.3          | 49.3      | 145              | 60.8             | 23.0           |                  |          |  |
|                 | 4              |                   |                        |            | 108               | 88.1                   | 21.06.1979   | 9.20  | bei W= 131 cm                    | 361              | 48.0          | 48.0      | 137              | 58.8             | 23.0           |                  |          |  |
|                 | 5              |                   |                        |            | 108               | 87.8                   | 13.07.1954   | 21.5  |                                  | 360              | 46.9          | 46.9      | 136              | 57.1             | 22.0           |                  |          |  |
|                 | 6              |                   |                        |            | 101               | 82.1                   | 02.06.1965   | 43.5  |                                  | 359              | 46.8          | 46.8      | 126              | 55.9             | 21.5           |                  |          |  |
|                 | 7              |                   |                        |            | 92.8              | 75.4                   | 19.06.1965   | 1380  |                                  | 358              | 46.7          | 46.7      | 116              | 54.6             | 21.5           |                  |          |  |
|                 | 8              |                   |                        |            | 88.6              | 72.0                   | 11.07.1946   | 647   |                                  | 357              | 46.3          | 46.7      | 106              | 53.7             | 21.5           |                  |          |  |
|                 | 9              |                   |                        |            | 85.2              | 69.3                   | 25.05.1939   |       |                                  | 356              | 46.2          | 46.3      | 97.5             | 52.7             | 21.5           |                  |          |  |
|                 | 10             |                   |                        |            | 84.0              | 68.3                   | 15.05.1930   |       |                                  | 350              | 45.3          | 45.6      | 89.8             | 48.6             | 21.0           |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       |                                  | 340              | 43.0          | 44.3      | 72.4             | 44.2             | 21.0           |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       |                                  | 330              | 41.8          | 43.0      | 63.2             | 40.4             | 20.0           |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       |                                  | 320              | 40.2          | 41.6      | 61.8             | 37.6             | 19.5           |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 300                              | 38.0             | 39.2          | 58.7      | 33.8             | 18.3             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 270                              | 35.7             | 36.3          | 45.2      | 28.8             | 16.7             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 240                              | 27.4             | 32.6          | 38.5      | 25.4             | 14.3             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 210                              | 23.5             | 26.3          | 35.5      | 22.8             | 13.4             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 183                              | 20.9             | 23.4          | 33.7      | 20.9             | 12.3             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 150                              | 19.6             | 20.5          | 29.5      | 18.7             | 10.9             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 130                              | 18.4             | 19.8          | 28.0      | 17.4             | 10.2             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 120                              | 17.9             | 19.1          | 27.6      | 16.7             | 9.70             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 110                              | 17.3             | 18.6          | 27.5      | 16.0             | 9.10             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 100                              | 16.8             | 18.0          | 26.2      | 15.3             | 8.80             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 90                               | 16.4             | 17.4          | 26.2      | 14.7             | 7.80             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 80                               | 16.0             | 16.5          | 24.8      | 14.1             | 6.60             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 70                               | 15.7             | 15.8          | 24.0      | 13.4             | 5.20             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 60                               | 15.3             | 15.3          | 23.6      | 12.7             | 4.70             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 50                               | 14.8             | 14.4          | 22.7      | 12.1             | 4.50             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 40                               | 14.4             | 13.8          | 22.1      | 11.3             | 4.43             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 30                               | 14.0             | 13.1          | 21.0      | 10.7             | 4.43             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 25                               | 13.9             | 13.0          | 20.2      | 10.4             | 4.36             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 20                               | 13.8             | 12.7          | 19.7      | 9.79             | 4.36             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 15                               | 13.4             | 12.4          | 19.6      | 9.31             | 4.29             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 10                               | 13.1             | 12.2          | 18.9      | 8.62             | 4.29             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 9                                | 13.0             | 12.0          | 18.9      | 8.46             | 4.22             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 8                                | 13.0             | 12.0          | 18.6      | 8.24             | 4.22             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 7                                | 13.0             | 12.0          | 18.6      | 8.01             | 4.22             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 6                                | 13.0             | 11.8          | 18.5      | 7.73             | 4.22             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 5                                | 12.9             | 11.7          | 18.5      | 7.43             | 4.15             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 4                                | 12.8             | 11.6          | 18.5      | 7.02             | 4.15             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 3                                | 12.7             | 11.6          | 17.8      | 6.63             | 4.15             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 2                                | 12.5             | 11.6          | 17.7      | 6.12             | 4.02             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 1                                | 12.2             | 11.5          | 17.7      | 5.11             | 4.01             |                |                  |          |  |
|                 |                |                   |                        |            |                   |                        |              |       | 0                                | 12.0             | 11.3          | 17.3      | 3.40             | 3.40             |                |                  |          |  |

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

A<sub>E0</sub> : 1235 km<sup>2</sup>

PNP : NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Nr. 16605006

Gewässer : Amper

Gebiet : Isar

|                 | Tag                    | 1999                   |                             | 2000                        |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
|-----------------|------------------------|------------------------|-----------------------------|-----------------------------|------------------------|------------|-----------------------------|-----------------------------|-------------------|------|--|------|------------------|------|------------------|------|
|                 |                        | Nov                    | Dez                         | Jan                         | Feb                    | Mrz        | Apr                         | Mai                         | Jun               | Jul  | Aug  | Sep  | Okt              | Nov  | Dez              |      |
| Tageswerte      | 1.                     | 12.9                   | 17.3                        | 41.9                        | 29.9                   | 36.2       | 52.2                        | 31.4                        | 43.1              | 19.3 | 30.7                                       | 29.8 | 41.5             | 18.9 | 19.9             |      |
|                 | 2.                     | 12.7                   | 20.2                        | 42.0                        | 28.6                   | 36.0       | 50.6                        | 33.2                        | 41.6              | 19.5 | 29.4                                       | 29.0 | 40.9             | 18.0 | 19.2             |      |
|                 | 3.                     | 13.0                   | 26.3                        | 42.6                        | 29.0                   | 35.2       | 49.2                        | 32.5                        | 40.1              | 20.7 | 30.2                                       | 27.0 | 42.1             | 17.4 | 18.6             |      |
|                 | 4.                     | 14.0                   | 26.6                        | 40.3                        | 29.3                   | 34.3       | 47.9                        | 36.9                        | 39.8              | 21.0 | 31.1                                       | 26.7 | 41.6             | 17.3 | 17.9             |      |
|                 | 5.                     | 14.4                   | 33.5                        | 39.5                        | 29.2                   | 32.8       | 47.0                        | 40.3                        | 39.1              | 20.3 | 31.6                                       | 27.7 | 40.2             | 17.1 | 17.3             |      |
|                 | 6.                     | 14.5                   | 33.5                        | 38.8                        | 28.8                   | 31.3       | 47.3                        | 37.8                        | 39.5              | 19.1 | 48.9                                       | 27.7 | 40.6             | 17.1 | 16.7             |      |
|                 | 7.                     | 14.8                   | 31.1                        | 37.5                        | 28.4                   | 30.0       | 46.4                        | 37.6                        | 40.3              | 18.7 | 65.7                                       | 28.6 | 45.4             | 17.0 | 16.2             |      |
|                 | 8.                     | 14.9                   | 31.9                        | 36.1                        | 28.1                   | 28.6       | 45.3                        | 36.3                        | 39.3              | 19.3 | 66.7                                       | 28.9 | 48.1             | 16.6 | 15.8             |      |
|                 | 9.                     | 16.3                   | 32.0                        | 33.9                        | 31.5                   | 27.9       | 44.0                        | 41.9                        | 38.2              | 19.5 | 66.1                                       | 27.7 | 47.1             | 16.2 | 15.9             |      |
|                 | 10.                    | 29.6                   | 30.5                        | 31.8                        | 34.8                   | 29.9       | 42.8                        | 38.4                        | 36.8              | 21.3 | 63.9                                       | 26.6 | 46.0             | 15.7 | 15.7             |      |
|                 | 11.                    | 37.0                   | 29.4                        | 29.9                        | 35.4                   | 33.4       | 42.0                        | 35.8                        | 35.3              | 22.4 | 61.9                                       | 25.1 | 45.3             | 15.3 | 15.7             |      |
|                 | 12.                    | 35.4                   | 28.9                        | 28.0                        | 35.7                   | 34.4       | 41.6                        | 35.4                        | 33.2              | 27.1 | 59.9                                       | 23.7 | 44.6             | 14.8 | 15.1             |      |
|                 | 13.                    | 33.3                   | 28.4                        | 25.9                        | 34.1                   | 34.4       | 41.0                        | 37.4                        | 30.9              | 32.2 | 58.0                                       | 22.6 | 43.4             | 15.3 | 14.9             |      |
|                 | 14.                    | 31.7                   | 28.1                        | 24.2                        | 33.8                   | 34.0       | 40.1                        | 35.2                        | 32.4              | 33.7 | 56.3                                       | 21.5 | 42.1             | 14.7 | 14.4             |      |
|                 | 15.                    | 30.0                   | 29.4                        | 22.9                        | 34.3                   | 34.8       | 39.0                        | 33.8                        | 34.3              | 35.0 | 54.5                                       | 20.4 | 41.0             | 14.5 | 14.4             |      |
|                 | 16.                    | 28.6                   | 27.8                        | 21.4                        | 37.6                   | 35.5       | 38.0                        | 32.2                        | 36.7              | 36.9 | 52.8                                       | 19.9 | 39.6             | 14.5 | 14.4             |      |
|                 | 17.                    | 27.0                   | 26.7                        | 20.8                        | 38.2                   | 42.6       | 37.0                        | 30.5                        | 36.5              | 37.1 | 51.0                                       | 20.6 | 38.5             | 14.9 | 14.4             |      |
|                 | 18.                    | 25.3                   | 27.8                        | 21.3                        | 36.7                   | 57.8       | 37.4                        | 33.7                        | 35.5              | 36.0 | 49.1                                       | 19.7 | 36.9             | 14.8 | 14.2             |      |
|                 | 19.                    | 24.3                   | 45.4                        | 22.3                        | 37.8                   | 60.7       | 36.2                        | 34.1                        | 34.5              | 34.5 | 47.2                                       | 18.8 | 35.5             | 14.8 | 16.2             |      |
|                 | 20.                    | 23.2                   | 44.4                        | 21.3                        | 40.5                   | 60.4       | 35.0                        | 37.8                        | 32.1              | 32.3 | 45.5                                       | 18.2 | 33.7             | 14.6 | 16.8             |      |
|                 | 21.                    | 22.0                   | 42.2                        | 20.5                        | 40.2                   | 58.5       | 33.6                        | 37.7                        | 29.6              | 29.9 | 43.7                                       | 36.4 | 31.3             | 15.7 | 16.3             |      |
|                 | 22.                    | 21.0                   | 39.7                        | 20.2                        | 38.7                   | 57.2       | 32.9                        | 37.7                        | 27.3              | 27.2 | 43.1                                       | 36.2 | 28.6             | 16.8 | 15.9             |      |
|                 | 23.                    | 20.8                   | 37.8                        | 19.9                        | 37.5                   | 56.1       | 32.9                        | 36.8                        | 28.2              | 25.3 | 41.2                                       | 34.0 | 26.2             | 16.6 | 15.6             |      |
|                 | 24.                    | 20.7                   | 36.3                        | 19.2                        | 36.6                   | 55.2       | 33.4                        | 35.8                        | 28.4              | 24.2 | 39.3                                       | 31.9 | 25.2             | 16.7 | 15.0             |      |
|                 | 25.                    | 20.6                   | 36.4                        | 18.6                        | 38.3                   | 54.3       | 33.5                        | 34.3                        | 27.6              | 24.8 | 37.4                                       | 30.7 | 23.0             | 18.3 | 14.4             |      |
|                 | 26.                    | 20.3                   | 42.1                        | 17.5                        | 40.1                   | 53.9       | 32.6                        | 32.4                        | 25.6              | 26.0 | 34.8                                       | 49.8 | 22.0             | 20.0 | 14.1             |      |
|                 | 27.                    | 19.6                   | 47.2                        | 16.8                        | 39.0                   | 53.8       | 32.0                        | 30.6                        | 23.8              | 27.5 | 31.9                                       | 48.5 | 21.5             | 20.1 | 13.8             |      |
|                 | 28.                    | 18.9                   | 47.0                        | 16.4                        | 37.8                   | 54.3       | 31.7                        | 28.6                        | 22.5              | 28.5 | 29.8                                       | 46.3 | 20.7             | 20.3 | 13.9             |      |
|                 | 29.                    | 18.4                   | 45.8                        | 16.9                        | 36.8                   | 53.4       | 31.5                        | 27.9                        | 21.2              | 31.9 | 27.1                                       | 44.3 | 20.1             | 20.9 | 14.0             |      |
|                 | 30.                    | 17.8                   | 44.2                        | 25.5                        |                        | 54.2       | 31.4                        | 27.0                        | 20.1              | 32.8 | 24.7                                       | 42.9 | 19.1             | 20.7 | 13.9             |      |
|                 | 31.                    |                        | 43.0                        | 32.0                        |                        | 54.4       |                             | 37.2                        |                   | 32.3 | 24.0                                       |      | 18.8             |      | 13.5             |      |
| Hauptwerte      | Tag                    | 2.                     | 1.                          | 28.                         | 8.                     | 9.         | 30.                         | 30.                         | 30.               | 7.   | 31.  | 20.  | 31.              | 16.  | 31.              |      |
|                 | NQ                     | 12.7                   | 17.3                        | 16.4                        | 28.1                   | 27.9       | 31.4                        | 27.0                        | 20.1              | 18.7 | 24.0                                       | 18.2 | 18.8             | 14.5 | 13.5             |      |
|                 | MQ                     | 21.8                   | 34.2                        | 27.3                        | 34.7                   | 43.7       | 39.5                        | 34.8                        | 33.1              | 27.0 | 44.4                                       | 32.4 | 35.2             | 16.9 | 15.6             |      |
|                 | HQ                     | 42.2                   | 60.6                        | 43.5                        | 42.9                   | 69.8       | 53.6                        | 44.3                        | 43.9              | 48.0 | 68.7                                       | 58.4 | 48.8             | 27.6 | 20.4             |      |
|                 | Tag                    | 10.                    | 26.                         | 3.                          | 26.                    | 18.        | 1.                          | 9.                          | 1.                | 17.  | 7.   | 21.  | 7.               | 17.  | 1.               |      |
|                 | h <sub>N</sub>         | mm                     | 137                         | 147                         | 46                     | 100        | 167                         | 54                          | 187               | 121  | 188  | 192  | 149              | 108  | 65               | 34   |
|                 | h <sub>A</sub>         | mm                     | 46                          | 74                          | 59                     | 70         | 95                          | 83                          | 76                | 69   | 58   | 96   | 68               | 76   | 35               | 34   |
|                 |                        |                        | 1920/1999                   |                             |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
|                 |                        |                        | 1921/2000                   |                             |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
|                 |                        |                        | 80 Jahre                    |                             |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
|                 | Jahr                   | 1947                   | 1962                        | 1960                        | 1963                   | 1963       | 1972                        | 1934                        | 1934              | 1950 | 1947                                       | 1947 | 1947             | 1947 | 1947             | 1962 |
|                 | NQ                     | 3.96                   | 3.97                        | 3.40                        | 4.88                   | 4.88       | 7.31                        | 7.60                        | 6.80              | 8.50 | 5.20                                       | 4.22 | 4.01             | 3.96 | 3.97             |      |
|                 | MNQ                    | 13.9                   | 14.0                        | 13.3                        | 14.6                   | 16.4       | 20.4                        | 20.1                        | 21.1              | 20.8 | 18.3                                       | 16.1 | 14.4             | 13.9 | 14.0             |      |
|                 | MQ                     | 18.7                   | 19.3                        | 18.5                        | 20.3                   | 22.6       | 26.2                        | 27.6                        | 30.2              | 29.6 | 25.9                                       | 22.5 | 19.6             | 18.8 | 19.4             |      |
|                 | MHQ                    | 26.8                   | 28.3                        | 27.4                        | 29.4                   | 31.9       | 34.5                        | 41.1                        | 44.2              | 41.4 | 37.5                                       | 32.6 | 28.2             | 27.0 | 28.4             |      |
| HQ              | 74.8                   | 71.4                   | 63.7                        | 62.0                        | 69.8                   | 71.7       | 161                         | 148                         | 108               | 68.7 | 60.0                                       | 63.9 | 74.8             | 71.4 |                  |      |
| Jahr            | 1944                   | 1944                   | 1982                        | 1990                        | 2000                   | 1980       | 1999                        | 1965                        | 1954              | 2000 | 1937                                       | 1981 | 1944             | 1944 |                  |      |
|                 |                        | 1960/1999              |                             |                             |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
|                 |                        | 1961/2000              |                             |                             |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
|                 |                        | 40 Jahre               |                             |                             |                        |            |                             |                             |                   |      |  |      |                  |      |                  |      |
| Mh <sub>N</sub> | mm                     | 85                     | 77                          | 65                          | 63                     | 77         | 95                          | 128                         | 167               | 161  | 150  | 103  | 76               | 86   | 78               |      |
| Mh <sub>A</sub> | mm                     | 39                     | 42                          | 40                          | 41                     | 49         | 55                          | 60                          | 63                | 64   | 56   | 47   | 43               | 39   | 42               |      |
| Dauertabelle    |                        |                        | Abflussjahr (*)             |                             |                        |            | Kalenderjahr                |                             |                   |      | Unterschrittene Abflüsse m <sup>3</sup> /s |      |                  |      |                  |      |
|                 |                        |                        | 2000                        |                             |                        |            | 2000                        |                             |                   |      | Unterschrittene Abflüsse m <sup>3</sup> /s |      |                  |      |                  |      |
|                 |                        |                        | Jahr                        |                             | Datum                  |            | Winter                      |                             | Sommer            |      | Kalenderjahr                               |      | 1921/2000        |      | 80 Kalenderjahre |      |
|                 |                        |                        |                             |                             |                        |            |                             |                             |                   |      | 2000                                       |      | Obere Hüllwerte  |      | Mittlere Werte   |      |
|                 |                        |                        |                             |                             |                        |            |                             |                             |                   |      | 2000                                       |      | Untere Hüllwerte |      |                  |      |
|                 | NQ                     | m <sup>3</sup> /s      | 12.7                        | am 02.11.1999               | 12.7                   | 18.2       | 13.5                        | am 31.12.2000               |                   |      | (365)                                      |      |                  |      |                  |      |
|                 | MQ                     | m <sup>3</sup> /s      | 34.0                        |                             | 33.6                   | 34.5       | 32.9                        |                             |                   |      | 364  |      |                  |      |                  |      |
|                 | HQ                     | m <sup>3</sup> /s      | 69.8                        | am 18.03.2000 bei W= 154 cm | 69.8                   | 68.7       | 69.8                        | am 18.03.2000 bei W= 154 cm |                   |      | 363  |      |                  |      |                  |      |
|                 | Nq                     | l/(s km <sup>2</sup> ) | 10.3                        |                             | 10.3                   | 14.7       | 10.9                        |                             |                   |      | 362  |      |                  |      |                  |      |
|                 | Mq                     | l/(s km <sup>2</sup> ) | 27.6                        |                             | 27.2                   | 27.9       | 28.0                        |                             |                   |      | 361  |      |                  |      |                  |      |
|                 | Hq                     | l/(s km <sup>2</sup> ) | 56.5                        |                             | 56.5                   | 55.6       | 56.5                        |                             |                   |      | 360  |      |                  |      |                  |      |
|                 | h <sub>N</sub>         | mm                     | 1596                        |                             | 651                    | 945        | 1411                        |                             |                   |      | 359  |      |                  |      |                  |      |
|                 | h <sub>A</sub>         | mm                     | 869                         |                             | 434                    | 437        | 871                         |                             |                   |      | 358  |      |                  |      |                  |      |
|                 |                        |                        | 1921/2000 (*) 80 Jahre      |                             |                        |            | 1921/2000                   |                             |                   |      |  |      |                  |      |                  |      |
|                 | NQ                     | m <sup>3</sup> /s      | 3.40                        | am 21.01.1960               | 3.40                   | 4.01       | 3.40                        | am 21.01.1960               |                   |      | 340  |      |                  |      |                  |      |
| MNQ             | m <sup>3</sup> /s      | 9.37                   |                             | 10.4                        | 12.1                   | 9.32       |                             |                             |                   | 330  |  |      |                  |      |                  |      |
| MQ              | m <sup>3</sup> /s      | 23.4                   |                             | 20.9                        | 25.9                   | 23.4       |                             |                             |                   | 320  |  |      |                  |      |                  |      |
| MHQ             | m <sup>3</sup> /s      | 60.6                   |                             | 42.9                        | 57.5                   | 60.6       |                             |                             |                   | 300  |  |      |                  |      |                  |      |
| HQ              | m <sup>3</sup> /s      | 161                    | am 24.05.1999 bei W= 254 cm | 74.8                        | 161                    | 161        | am 24.05.1999 bei W= 254 cm |                             |                   | 270  |  |      |                  |      |                  |      |
| HQ <sub>1</sub> | m <sup>3</sup> /s      | 54.3                   |                             | 41.0                        | 50.6                   | 54.3       |                             |                             |                   | 240  |  |      |                  |      |                  |      |
| HQ <sub>5</sub> | m <sup>3</sup> /s      |                        |                             |                             |                        |            |                             |                             |                   | 210  |  |      |                  |      |                  |      |
| MNq             | l/(s km <sup>2</sup> ) | 7.59                   |                             | 8.40                        | 9.77                   | 7.55       |                             |                             |                   | 210  |  |      |                  |      |                  |      |
| Mq              | l/(s km <sup>2</sup> ) | 19.0                   |                             | 16.9                        | 21.0                   | 19.0       |                             |                             |                   | 183  |  |      |                  |      |                  |      |
| MHq             | l/(s km <sup>2</sup> ) | 49.0                   |                             | 34.7                        | 46.6                   | 49.0       |                             |                             |                   | 163  |  |      |                  |      |                  |      |
|                 |                        | 1961/2000 (*) 40 Jahre |                             |                             |                        | 1961/2000  |                             |                             |                   |      |  |      |                  |      |                  |      |
| Mh <sub>N</sub> | mm                     | 1248                   |                             | 461                         | 786                    | 1250       |                             |                             |                   | 150  |  |      |                  |      |                  |      |
| Mh <sub>A</sub> | mm                     | 598                    |                             | 269                         | 328                    | 600        |                             |                             |                   | 130  |  |      |                  |      |                  |      |
| Extremwerte     |                        |                        | Niedrigwasser               |                             |                        |            | Hochwasser                  |                             |                   |      |  |      |                  |      |                  |      |
|                 |                        |                        | m <sup>3</sup> /s           |                             | l/(s km <sup>2</sup> ) |            | Datum                       |                             | m <sup>3</sup> /s |      | l/(s km <sup>2</sup> )                     |      | cm               |      | Datum            |      |
|                 | 1                      | 3.40                   | 2.75                        | 21.01.1960                  | 161                    | 130        | 24.05.1999                  | 10                          | 16.8              | 14.4 | 18.9                                       | 8.62 | 4.29             |      |                  |      |
|                 | 2                      |                        |                             |                             | 148                    | 120        | 12.06.1965                  | 9                           | 16.4              | 14.4 | 18.9                                       | 8.43 | 4.22             |      |                  |      |
|                 | 3                      |                        |                             |                             | 140                    | 113        | 03.06.1940                  | 8                           | 16.3              | 14.4 | 18.6                                       | 8.23 | 4.22             |      |                  |      |
|                 | 4                      |                        |                             |                             | 108                    | 87.8       | 21.06.1979                  | 7                           | 14.9              | 14.4 | 18.6                                       | 8.01 | 4.22             |      |                  |      |
|                 | 5                      |                        |                             |                             | 108                    | 87.4       | 13.07.1954                  | 6                           | 14.8              | 14.2 | 18.5                                       | 7.73 | 4.22             |      |                  |      |
|                 | 6                      |                        |                             |                             | 101                    | 81.8       | 02.06.1965                  | 5                           | 14.5              | 14.1 | 18.5                                       | 7.42 | 4.15             |      |                  |      |
|                 | 7                      |                        |                             |                             | 92.8                   | 75.1       | 19.06.1965                  | 4                           | 14.4              | 14.0 | 18.5                                       | 7.01 | 4.15             |      |                  |      |
|                 | 8                      |                        |                             |                             | 88.6                   | 71.7       | 11.07.1946                  | 3                           | 14.0              | 13.9 | 17.8                                       | 6.63 | 4.15             |      |                  |      |
|                 | 9                      |                        |                             |                             | 85.2                   | 69.0       | 25.05.1939                  | 2                           | 13.0              | 13.9 | 17.7                                       | 6.12 | 4.02             |      |                  |      |
| 10              |                        |                        |                             | 84.0                        | 68.0                   | 15.05.1930 | 1                           | 12.9                        | 13.8              | 17.7 | 5.11                                       | 4.01 |                  |      |                  |      |
|                 |                        |                        |                             |                             |                        |            | 0                           | 12.7                        | 13.5              | 17.3 | 3.40                                       | 4.01 |                  |      |                  |      |

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

A<sub>E0</sub> : 1235 km<sup>2</sup>

PNP : NN + 514.23 m

Lage: 86.2 km



m<sup>3</sup>/s

Pegel : Fürstenfeldbruck

Gewässer: Amper

Gebiet : Isar

Nr. 16605006

|                 | Tag                    | 1998                   |                                | 1999                           |                   |                        |                                |                                |  |          |  |                           |                               |      |                    |                   |                     |
|-----------------|------------------------|------------------------|--------------------------------|--------------------------------|-------------------|------------------------|--------------------------------|--------------------------------|--|----------|--|---------------------------|-------------------------------|------|--------------------|-------------------|---------------------|
|                 |                        | Nov                    | Dez                            | Jan                            | Feb               | Mrz                    | Apr                            | Mai                            | Jun                                    | Jul      | Aug  | Sep                       | Okt                           | Nov  | Dez                |                   |                     |
| Tageswerte      | 1.                     | 33.9                   | 24.6                           | 19.0                           | 15.3              | 50.3                   | 34.5                           | 31.4                           | 90.6                                   | 44.5     | 33.8                                       | 17.8                      | 22.6                          | 12.9 | 17.3               |                   |                     |
|                 | 2.                     | 33.2                   | 23.4                           | 18.3                           | 14.7              | 51.8                   | 33.3                           | 30.8                           | 85.5                                   | 42.7     | 31.2                                       | 17.0                      | 21.8                          | 12.7 | 20.2               |                   |                     |
|                 | 3.                     | 33.2                   | 22.2                           | 18.0                           | 14.2              | 53.5                   | 31.5                           | 29.9                           | 81.0                                   | 41.0     | 28.5                                       | 16.3                      | 20.9                          | 13.0 | 26.3               |                   |                     |
|                 | 4.                     | 37.2                   | 21.1                           | 17.8                           | 14.5              | 52.7                   | 31.2                           | 28.9                           | 77.5                                   | 39.3     | 26.2                                       | 15.7                      | 24.0                          | 14.0 | 26.6               |                   |                     |
|                 | 5.                     | 37.1                   | 20.5                           | 17.7                           | 19.0              | 52.6                   | 32.1                           | 28.9                           | 74.2                                   | 37.7     | 24.3                                       | 15.6                      | 25.3                          | 14.4 | 33.5               |                   |                     |
|                 | 6.                     | 34.9                   | 19.8                           | 17.5                           | 24.4              | 52.4                   | 33.9                           | 29.2                           | 70.6                                   | 36.0     | 22.6                                       | 15.4                      | 25.3                          | 14.5 | 33.5               |                   |                     |
|                 | 7.                     | 32.6                   | 19.2                           | 17.2                           | 24.1              | 51.4                   | 36.5                           | 30.3                           | 67.8                                   | 34.5     | 21.5                                       | 16.9                      | 25.1                          | 14.8 | 31.1               |                   |                     |
|                 | 8.                     | 31.1                   | 18.8                           | 19.5                           | 22.7              | 50.2                   | 37.9                           | 29.6                           | 65.3                                   | 33.2     | 20.2                                       | 19.0                      | 24.1                          | 14.9 | 31.9               |                   |                     |
|                 | 9.                     | 32.8                   | 18.1                           | 22.8                           | 21.8              | 55.4                   | 36.8                           | 29.3                           | 63.4                                   | 33.2     | 19.1                                       | 18.9                      | 23.1                          | 16.3 | 32.0               |                   |                     |
|                 | 10.                    | 38.5                   | 17.8                           | 22.8                           | 21.4              | 53.2                   | 35.8                           | 29.0                           | 61.0                                   | 35.7     | 20.4                                       | 18.1                      | 21.6                          | 29.6 | 30.5               |                   |                     |
|                 | 11.                    | 43.9                   | 18.1                           | 22.5                           | 20.5              | 51.3                   | 35.4                           | 30.8                           | 61.9                                   | 40.1     | 20.9                                       | 17.4                      | 20.9                          | 37.0 | 29.4               |                   |                     |
|                 | 12.                    | 42.9                   | 21.4                           | 21.9                           | 19.4              | 51.1                   | 35.6                           | 42.0                           | 62.4                                   | 47.6     | 20.0                                       | 16.9                      | 20.2                          | 35.4 | 28.9               |                   |                     |
|                 | 13.                    | 42.3                   | 36.1                           | 21.0                           | 18.6              | 50.5                   | 35.3                           | 52.7                           | 61.0                                   | 48.0     | 18.9                                       | 16.2                      | 18.8                          | 33.3 | 28.4               |                   |                     |
|                 | 14.                    | 41.8                   | 40.7                           | 20.3                           | 18.1              | 49.9                   | 35.1                           | 57.0                           | 59.7                                   | 47.3     | 18.2                                       | 15.5                      | 18.1                          | 31.7 | 28.1               |                   |                     |
|                 | 15.                    | 41.5                   | 38.9                           | 19.3                           | 17.5              | 49.3                   | 33.4                           | 60.0                           | 58.6                                   | 50.4     | 17.7                                       | 15.0                      | 17.4                          | 30.0 | 29.4               |                   |                     |
|                 | 16.                    | 43.8                   | 37.1                           | 18.3                           | 17.1              | 48.7                   | 32.7                           | 60.0                           | 57.0                                   | 49.2     | 17.5                                       | 14.4                      | 16.7                          | 28.6 | 27.8               |                   |                     |
|                 | 17.                    | 44.5                   | 35.8                           | 17.6                           | 16.9              | 48.2                   | 33.1                           | 59.4                           | 56.2                                   | 46.8     | 18.0                                       | 14.0                      | 15.9                          | 27.0 | 26.7               |                   |                     |
|                 | 18.                    | 42.2                   | 35.0                           | 16.9                           | 17.4              | 47.3                   | 32.8                           | 57.0                           | 55.9                                   | 45.0     | 17.9                                       | 13.6                      | 15.1                          | 25.3 | 27.8               |                   |                     |
|                 | 19.                    | 40.8                   | 33.9                           | 16.2                           | 17.9              | 46.4                   | 33.2                           | 55.3                           | 55.8                                   | 43.8     | 18.8                                       | 13.4                      | 14.5                          | 24.3 | 45.4               |                   |                     |
|                 | 20.                    | 39.6                   | 32.3                           | 15.5                           | 42.7              | 45.4                   | 33.9                           | 54.1                           | 55.8                                   | 43.0     | 19.3                                       | 13.0                      | 14.0                          | 23.2 | 44.4               |                   |                     |
|                 | 21.                    | 38.5                   | 31.4                           | 14.8                           | 53.0              | 44.3                   | 32.0                           | 59.0                           | 55.3                                   | 42.9     | 20.3                                       | 13.1                      | 13.5                          | 22.0 | 42.2               |                   |                     |
|                 | 22.                    | 37.1                   | 30.2                           | 14.3                           | 57.2              | 43.2                   | 31.0                           | 84.0                           | 54.8                                   | 41.8     | 19.9                                       | 12.9                      | 13.4                          | 21.0 | 39.7               |                   |                     |
|                 | 23.                    | 36.0                   | 27.7                           | 13.9                           | 57.4              | 42.2                   | 31.1                           | 137                            | 55.0                                   | 42.0     | 19.3                                       | 12.5                      | 13.3                          | 20.8 | 37.8               |                   |                     |
|                 | 24.                    | 34.5                   | 26.1                           | 13.5                           | 57.2              | 41.2                   | 30.6                           | 157                            | 54.2                                   | 44.2     | 18.7                                       | 13.3                      | 13.2                          | 20.7 | 36.3               |                   |                     |
|                 | 25.                    | 32.8                   | 24.8                           | 13.2                           | 55.5              | 40.3                   | 30.2                           | 154                            | 53.0                                   | 43.7     | 18.2                                       | 13.0                      | 13.0                          | 20.6 | 36.3               |                   |                     |
|                 | 26.                    | 31.0                   | 23.6                           | 13.2                           | 53.6              | 39.7                   | 29.4                           | 145                            | 51.5                                   | 42.9     | 17.5                                       | 15.0                      | 13.0                          | 20.3 | 42.0               |                   |                     |
|                 | 27.                    | 29.5                   | 22.9                           | 14.1                           | 52.1              | 39.0                   | 29.1                           | 136                            | 50.1                                   | 41.9     | 17.3                                       | 17.6                      | 12.6                          | 19.6 | 47.2               |                   |                     |
|                 | 28.                    | 28.1                   | 22.1                           | 14.3                           | 51.0              | 38.5                   | 30.2                           | 126                            | 48.7                                   | 40.6     | 17.4                                       | 19.3                      | 12.4                          | 18.9 | 47.0               |                   |                     |
|                 | 29.                    | 26.8                   | 21.4                           | 15.6                           | 37.7              | 30.5                   | 116                            | 47.3                           | 39.1                                   | 39.1     | 18.8                                       | 20.3                      | 13.3                          | 18.4 | 45.8               |                   |                     |
|                 | 30.                    | 25.6                   | 20.7                           | 15.7                           | 36.6              | 30.7                   | 106                            | 46.0                           | 36.3                                   | 36.3     | 19.1                                       | 21.3                      | 13.4                          | 17.8 | 44.2               |                   |                     |
|                 | 31.                    | 19.8                   | 19.8                           | 15.5                           | 35.3              | 30.7                   | 97.5                           |                                | 35.7                                   | 35.7     | 18.8                                       |                           | 13.3                          |      | 43.0               |                   |                     |
| Hauptwerte      | Tag                    | 30.                    | 10.                            | 26.                            | 3.                | 31.                    | 27.                            | 5.                             | 30.                                    | 8.       | 27.  | 23.                       | 28.                           | 2.   | 1.                 |                   |                     |
|                 | NQ                     | 25.6                   | 17.8                           | 13.2                           | 14.2              | 35.3                   | 29.1                           | 28.9                           | 46.0                                   | 33.2     | 17.3                                       | 12.5                      | 12.4                          | 12.7 | 17.3               |                   |                     |
|                 | MQ                     | 36.3                   | 26.0                           | 17.4                           | 29.8              | 46.8                   | 33.0                           | 69.2                           | 61.2                                   | 41.6     | 20.7                                       | 16.0                      | 17.7                          | 21.8 | 34.2               |                   |                     |
|                 | HQ                     | 46.3                   | 44.4                           | 23.4                           | 58.5              | 61.1                   | 38.7                           | 161                            | 93.4                                   | 52.0     | 34.9                                       | 21.8                      | 35.0                          | 42.2 | 60.6               |                   |                     |
|                 | Tag                    | 16.                    | 13.                            | 9.                             | 22.               | 9.                     | 7.                             | 24.                            | 1.                                     | 12.      | 1.   | 30.                       | 7.                            | 10.  | 26.                |                   |                     |
|                 | h <sub>N</sub>         | 111                    | 51                             | 64                             | 149               | 60                     | 105                            | 319                            | 165                                    | 166      | 112  | 116                       | 48                            | 137  | 147                |                   |                     |
|                 | h <sub>A</sub>         | 76                     | 56                             | 38                             | 58                | 101                    | 69                             | 150                            | 128                                    | 90       | 45   | 33                        | 38                            | 46   | 74                 |                   |                     |
|                 |                        |                        | 1920/1998                      |                                | 1921/1999         |                        |                                |                                |  | 79 Jahre |  |                           |                               |      |                    |                   |                     |
|                 | Jahr                   | 1947                   | 1962                           | 1960                           | 1963              | 1963                   | 1972                           | 1934                           | 1934                                   | 1950     | 1947                                       | 1947                      | 1947                          | 1947 | 1962               |                   |                     |
|                 | NQ                     | 3.96                   | 3.97                           | 3.40                           | 4.88              | 4.88                   | 7.31                           | 7.60                           | 6.80                                   | 8.50     | 5.20                                       | 4.22                      | 4.01                          | 3.96 | 3.97               |                   |                     |
|                 | MNQ                    | 13.9                   | 13.9                           | 13.3                           | 14.4              | 16.2                   | 20.3                           | 20.0                           | 21.1                                   | 20.8     | 18.2                                       | 16.1                      | 14.4                          | 13.9 | 14.0               |                   |                     |
|                 | MQ                     | 18.7                   | 19.1                           | 18.3                           | 20.1              | 22.3                   | 26.0                           | 27.5                           | 30.2                                   | 29.6     | 25.7                                       | 22.4                      | 19.5                          | 18.8 | 19.4               |                   |                     |
|                 | MHQ                    | 26.6                   | 27.9                           | 27.2                           | 29.3              | 31.4                   | 34.2                           | 41.0                           | 44.2                                   | 41.4     | 37.1                                       | 32.3                      | 28.0                          | 27.0 | 28.5               |                   |                     |
|                 | HQ                     | 74.8                   | 71.4                           | 63.7                           | 62.0              | 61.1                   | 71.7                           | 161                            | 148                                    | 108      | 63.4                                       | 60.0                      | 63.9                          | 74.8 | 71.4               |                   |                     |
|                 | Jahr                   | 1944                   | 1944                           | 1982                           | 1990              | 1999                   | 1980                           | 1999                           | 1965                                   | 1954     | 1993                                       | 1937                      | 1981                          | 1944 | 1944               |                   |                     |
|                 |                        | 1960/1998              |                                | 1961/1999                      |                   |                        |                                |                                | 39 Jahre                               |          |  |                           |                               |      |                    |                   |                     |
| Mh <sub>N</sub> | 83                     | 75                     | 65                             | 62                             | 74                | 96                     | 127                            | 168                            | 161                                    | 149      | 102  | 75                        | 87                            | 79   |                    |                   |                     |
| Mh <sub>A</sub> | 39                     | 41                     | 40                             | 39                             | 48                | 55                     | 60                             | 63                             | 64                                     | 56       | 47   | 42                        | 40                            | 42   |                    |                   |                     |
| Extremwerte     |                        |                        | Abflussjahr (*)                |                                |                   |                        | Kalenderjahr                   |                                |  |          | Unterschrittene Abflüsse m <sup>3</sup> /s |                           |                               |      |                    |                   |                     |
|                 |                        |                        | 1999                           |                                |                   |                        | 1999                           |                                |  |          | 79 Kalenderjahre                           |                           |                               |      |                    |                   |                     |
|                 |                        |                        | Jahr                           | Datum                          | Winter            | Sommer                 | Jahr                           | Datum                          | Unterschreitungs-<br>dauer<br>in Tagen |          | Abfluss-<br>jahr (*)<br>1999               | Kalender-<br>jahr<br>1999 | 1921/1999<br>79 Kalenderjahre |      | Obere<br>Hüllwerte | Mittlere<br>Werte | Untere<br>Hüllwerte |
|                 | NQ                     | m <sup>3</sup> /s      | 12.4                           | am 28.10.1999                  | 13.2              | 12.4                   | 12.4                           | am 28.10.1999                  | (365)                                  | 157      | 157  | 157                       | 72.5                          | 24.5 |                    |                   |                     |
|                 | MQ                     | m <sup>3</sup> /s      | 34.6                           |                                | 31.5              | 37.7                   | 34.2                           |                                | 364                                    | 154      | 154  | 154                       | 64.1                          | 23.0 |                    |                   |                     |
|                 | HQ                     | m <sup>3</sup> /s      | 161                            | am 24.05.1999<br>bei W= 254 cm | 61.1              | 161                    | 161                            | am 24.05.1999<br>bei W= 254 cm | 362                                    | 145      | 145  | 145                       | 60.9                          | 23.0 |                    |                   |                     |
|                 | Nq                     | l/(s km <sup>2</sup> ) | 10.0                           |                                | 10.7              | 10.0                   | 10.0                           |                                | 361                                    | 137      | 137  | 137                       | 58.8                          | 23.0 |                    |                   |                     |
|                 | Mq                     | l/(s km <sup>2</sup> ) | 28.1                           |                                | 25.5              | 30.5                   | 27.7                           |                                | 360                                    | 136      | 136  | 136                       | 57.1                          | 22.0 |                    |                   |                     |
|                 | Hq                     | l/(s km <sup>2</sup> ) | 130                            |                                | 49.5              | 130                    | 130                            |                                | 359                                    | 126      | 126  | 126                       | 55.9                          | 21.5 |                    |                   |                     |
|                 | h <sub>N</sub>         | mm                     | 1466                           |                                | 540               | 926                    | 1588                           |                                | 358                                    | 116      | 116  | 116                       | 54.6                          | 21.5 |                    |                   |                     |
|                 | h <sub>A</sub>         | mm                     | 885                            |                                | 406               | 478                    | 885                            |                                | 357                                    | 106      | 106  | 106                       | 53.7                          | 21.5 |                    |                   |                     |
|                 |                        |                        | 1921/1999 (*) 79 Jahre         |                                |                   |                        | 1921/1999                      |                                |  |          | Dauertabelle                               |                           |                               |      |                    |                   |                     |
|                 | NQ                     | m <sup>3</sup> /s      | 3.40                           | am 21.01.1960                  | 3.40              | 4.01                   | 3.40                           | am 21.01.1960                  | 340                                    | 60.0     | 60.0                                       | 72.4                      | 44.1                          | 21.0 |                    |                   |                     |
|                 | MNQ                    | m <sup>3</sup> /s      | 9.33                           |                                | 10.3              | 12.0                   | 9.27                           |                                | 330                                    | 57.0     | 57.0                                       | 63.2                      | 40.2                          | 20.0 |                    |                   |                     |
|                 | MQ                     | m <sup>3</sup> /s      | 23.3                           |                                | 20.8              | 25.8                   | 23.3                           |                                | 320                                    | 54.8     | 54.8                                       | 61.8                      | 37.3                          | 19.5 |                    |                   |                     |
| MHQ             | m <sup>3</sup> /s      | 60.4                   |                                | 42.6                           | 57.4              | 60.4                   |                                | 300                            | 50.4                                   | 50.4     | 58.7                                       | 33.4                      | 18.3                          |      |                    |                   |                     |
| HQ              | m <sup>3</sup> /s      | 161                    | am 24.05.1999<br>bei W= 254 cm | 74.8                           | 161               | 161                    | am 24.05.1999<br>bei W= 254 cm | 270                            | 42.9                                   | 43.7     | 45.2                                       | 28.6                      | 16.7                          |      |                    |                   |                     |
| HQ <sub>1</sub> | m <sup>3</sup> /s      | 54.3                   |                                | 39.7                           | 50.5              | 54.3                   |                                | 240                            | 37.9                                   | 37.0     | 38.5                                       | 25.2                      | 14.3                          |      |                    |                   |                     |
| HQ <sub>5</sub> | m <sup>3</sup> /s      |                        |                                |                                |                   |                        |                                | 210                            | 33.9                                   | 33.1     | 35.5                                       | 22.6                      | 13.4                          |      |                    |                   |                     |
| MNQ             | l/(s km <sup>2</sup> ) | 7.55                   |                                | 8.38                           | 9.71              | 7.51                   |                                | 183                            | 31.0                                   | 29.6     | 33.7                                       | 20.7                      | 12.3                          |      |                    |                   |                     |
| Mq              | l/(s km <sup>2</sup> ) | 18.9                   |                                | 16.8                           | 20.9              | 18.9                   |                                | 150                            | 24.3                                   | 23.1     | 29.5                                       | 18.6                      | 10.9                          |      |                    |                   |                     |
| MHQ             | l/(s km <sup>2</sup> ) | 48.9                   |                                | 34.5                           | 46.4              | 48.9                   |                                | 130                            | 21.5                                   | 20.8     | 28.0                                       | 17.2                      | 10.2                          |      |                    |                   |                     |
|                 |                        | 1961/1999 (*) 39 Jahre |                                |                                |                   | 1961/1999              |                                |                                |  |          |  |                           |                               |      |                    |                   |                     |
| Mh <sub>N</sub> | mm                     | 1238                   |                                | 457                            | 782               | 1246                   |                                | 120                            | 20.7                                   | 20.2     | 27.6                                       | 16.6                      | 9.70                          |      |                    |                   |                     |
| Mh <sub>A</sub> | mm                     | 595                    |                                | 267                            | 326               | 596                    |                                | 110                            | 19.9                                   | 19.3     | 27.5                                       | 15.8                      | 9.10                          |      |                    |                   |                     |
|                 |                        | Niedrigwasser          |                                |                                |                   | Hochwasser             |                                |                                |  |          |  |                           |                               |      |                    |                   |                     |
|                 |                        | m <sup>3</sup> /s      | l/(s km <sup>2</sup> )         | Datum                          | m <sup>3</sup> /s | l/(s km <sup>2</sup> ) | cm                             | Datum                          |  |          |  |                           |                               |      |                    |                   |                     |
| 1               |                        | 3.40                   | 2.75                           | 21.01.1960                     | 161               | 130                    |                                | 24.05.1999                     | 10                                     | 13.2     | 13.0                                       | 18.9                      | 8.60                          | 4.29 |                    |                   |                     |
| 2               |                        |                        |                                |                                | 148               | 120                    |                                | 12.06.1965                     | 9                                      | 13.2     | 13.0                                       | 18.9                      | 8.41                          | 4.22 |                    |                   |                     |
| 3               |                        |                        |                                |                                | 140               | 113                    |                                | 03.06.1940                     | 8                                      | 13.1     | 13.0                                       | 18.6                      | 8.21                          | 4.22 |                    |                   |                     |
| 4               |                        |                        |                                |                                | 108               | 87.8                   |                                | 21.06.1979                     | 7                                      | 13.0     | 13.0                                       | 18.6                      | 8.01                          | 4.22 |                    |                   |                     |
| 5               |                        |                        |                                |                                | 108               | 87.4                   |                                | 13.07.1954                     | 6                                      | 13.0     | 13.0                                       | 18.5                      | 7.72                          | 4.22 |                    |                   |                     |
| 6               |                        |                        |                                |                                | 101               | 81.8                   |                                | 02.06.1965                     | 5                                      | 13.0     | 12.9                                       | 18.5                      | 7.42                          | 4.15 |                    |                   |                     |
| 7               |                        |                        |                                |                                | 92.8              | 75.1                   |                                | 19.06.1965                     | 4                                      | 13.0     | 12.9                                       | 18.5                      | 7.01                          | 4.15 |                    |                   |                     |
| 8               |                        |                        |                                |                                | 88.6              | 71.7                   |                                | 11.07.1946                     | 3                                      | 12.9     | 12.7                                       | 17.8                      | 6.60                          | 4.15 |                    |                   |                     |
| 9               |                        |                        |                                |                                | 85.2              | 69.0                   |                                | 25.05.1939                     | 2                                      | 12.6     | 12.6                                       | 17.7                      | 6.12                          | 4.02 |                    |                   |                     |
| 10              |                        |                        |                                |                                | 84.0              | 68.0                   |                                | 15.05.1930                     | 1                                      | 12.5     | 12.5                                       | 17.7                      | 5.05                          | 4.01 |                    |                   |                     |
|                 |                        |                        |                                |                                |                   |                        |                                |                                | 0                                      | 12.4     | 12.4                                       | 17.3                      | 3.40                          |      |                    |                   |                     |

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



A<sub>E0</sub> : 1235 km<sup>2</sup>

PNP : NN + 514.23 m

Lage: 86.2 km



Pegel : Fürstenfeldbruck

Nr. 16605006

Gewässer: Amper

Gebiet : Isar

m<sup>3</sup>/s

|                 | Tag                    | 1997                   |                                | 1998                           |                    |                        |                                |                                |  |      |  |                           |                                 |                                |                                  |      |  |
|-----------------|------------------------|------------------------|--------------------------------|--------------------------------|--------------------|------------------------|--------------------------------|--------------------------------|--|------|--|---------------------------|---------------------------------|--------------------------------|----------------------------------|------|--|
|                 |                        | Nov                    | Dez                            | Jan                            | Feb                | Mrz                    | Apr                            | Mai                            | Jun                                    | Jul  | Aug  | Sep                       | Okt                             | Nov                            | Dez                              |      |  |
| Tageswerte      | 1.                     | 9.01                   | 7.89                           | 21.7                           | 10.6               | 10.8                   | 26.8                           | 14.3                           | 9.89                                   | 14.8 | 11.0                                       | 9.24                      | 16.9                            | 33.9                           | 24.6                             |      |  |
|                 | 2.                     | 8.86                   | 7.62                           | 20.2                           | 10.4               | 11.1                   | 27.2                           | 17.9                           | 9.34                                   | 15.9 | 12.2                                       | 9.20                      | 22.8                            | 33.2                           | 23.4                             |      |  |
|                 | 3.                     | 8.49                   | 8.83                           | 19.2                           | 9.80               | 11.3                   | 27.1                           | 21.5                           | 8.96                                   | 16.7 | 11.7                                       | 9.56                      | 24.0                            | 33.2                           | 22.2                             |      |  |
|                 | 4.                     | 8.37                   | 9.68                           | 18.9                           | 9.26               | 11.6                   | 26.4                           | 20.7                           | 8.75                                   | 17.2 | 11.3                                       | 10.2                      | 26.2                            | 37.2                           | 21.1                             |      |  |
|                 | 5.                     | 8.45                   | 9.09                           | 20.7                           | 9.12               | 12.8                   | 25.9                           | 21.0                           | 8.49                                   | 17.0 | 11.2                                       | 11.3                      | 28.4                            | 37.1                           | 20.5                             |      |  |
|                 | 6.                     | 8.35                   | 8.93                           | 22.5                           | 8.66               | 13.1                   | 26.4                           | 21.1                           | 9.02                                   | 16.1 | 11.3                                       | 13.9                      | 28.0                            | 34.9                           | 19.8                             |      |  |
|                 | 7.                     | 8.58                   | 8.80                           | 24.1                           | 8.53               | 13.9                   | 25.4                           | 20.2                           | 9.67                                   | 15.8 | 11.2                                       | 14.4                      | 29.3                            | 32.6                           | 19.2                             |      |  |
|                 | 8.                     | 8.65                   | 8.45                           | 23.9                           | 8.20               | 17.4                   | 24.5                           | 19.1                           | 13.8                                   | 17.4 | 10.8                                       | 15.0                      | 36.8                            | 31.1                           | 18.8                             |      |  |
|                 | 9.                     | 8.69                   | 8.55                           | 23.1                           | 8.11               | 21.2                   | 23.4                           | 17.8                           | 13.3                                   | 20.2 | 10.4                                       | 14.8                      | 35.3                            | 32.8                           | 18.1                             |      |  |
|                 | 10.                    | 8.56                   | 9.10                           | 22.0                           | 7.93               | 22.4                   | 22.4                           | 16.7                           | 12.5                                   | 21.1 | 9.82                                       | 14.5                      | 33.5                            | 38.5                           | 17.8                             |      |  |
|                 | 11.                    | 8.30                   | 10.7                           | 21.0                           | 7.68               | 22.1                   | 21.2                           | 16.1                           | 17.2                                   | 20.5 | 9.35                                       | 16.9                      | 32.1                            | 43.9                           | 18.1                             |      |  |
|                 | 12.                    | 7.94                   | 20.4                           | 20.3                           | 7.64               | 21.0                   | 20.3                           | 15.7                           | 26.5                                   | 19.4 | 9.16                                       | 25.7                      | 30.9                            | 42.9                           | 21.4                             |      |  |
|                 | 13.                    | 7.64                   | 25.2                           | 19.6                           | 7.69               | 20.5                   | 19.6                           | 14.6                           | 35.2                                   | 18.2 | 8.55                                       | 31.9                      | 29.7                            | 42.3                           | 36.1                             |      |  |
|                 | 14.                    | 7.62                   | 28.0                           | 18.4                           | 7.86               | 19.7                   | 19.8                           | 13.6                           | 34.3                                   | 17.9 | 8.38                                       | 30.7                      | 28.3                            | 41.8                           | 40.7                             |      |  |
|                 | 15.                    | 7.49                   | 26.9                           | 17.6                           | 8.01               | 20.1                   | 19.3                           | 13.0                           | 33.0                                   | 16.8 | 7.94                                       | 28.1                      | 26.7                            | 41.5                           | 38.9                             |      |  |
|                 | 16.                    | 7.67                   | 24.5                           | 17.0                           | 8.58               | 25.7                   | 18.8                           | 12.1                           | 32.1                                   | 15.7 | 7.82                                       | 26.0                      | 25.3                            | 43.8                           | 37.1                             |      |  |
|                 | 17.                    | 7.29                   | 22.6                           | 16.9                           | 8.69               | 28.3                   | 18.1                           | 11.6                           | 31.2                                   | 15.4 | 7.39                                       | 25.1                      | 24.1                            | 44.5                           | 35.8                             |      |  |
|                 | 18.                    | 7.24                   | 21.2                           | 16.3                           | 8.95               | 27.8                   | 18.3                           | 11.8                           | 29.8                                   | 14.5 | 7.21                                       | 30.4                      | 23.2                            | 42.2                           | 35.0                             |      |  |
|                 | 19.                    | 7.17                   | 19.9                           | 16.3                           | 8.92               | 27.2                   | 17.7                           | 11.4                           | 28.6                                   | 13.4 | 7.43                                       | 32.3                      | 22.6                            | 40.8                           | 33.9                             |      |  |
|                 | 20.                    | 7.14                   | 19.2                           | 16.9                           | 8.66               | 27.2                   | 17.7                           | 10.8                           | 27.1                                   | 13.1 | 7.11                                       | 31.6                      | 22.5                            | 39.6                           | 32.3                             |      |  |
|                 | 21.                    | 7.14                   | 22.0                           | 16.0                           | 8.44               | 27.0                   | 17.4                           | 10.5                           | 25.2                                   | 12.2 | 6.94                                       | 30.1                      | 22.0                            | 38.5                           | 31.4                             |      |  |
|                 | 22.                    | 6.77                   | 33.1                           | 15.6                           | 8.43               | 26.2                   | 16.8                           | 10.3                           | 23.3                                   | 12.3 | 6.90                                       | 28.4                      | 21.1                            | 37.1                           | 30.2                             |      |  |
|                 | 23.                    | 6.74                   | 32.9                           | 14.8                           | 9.96               | 25.8                   | 16.4                           | 9.90                           | 21.2                                   | 12.3 | 8.42                                       | 26.1                      | 20.0                            | 36.0                           | 27.7                             |      |  |
|                 | 24.                    | 6.86                   | 30.5                           | 14.5                           | 10.1               | 25.1                   | 16.1                           | 9.64                           | 19.3                                   | 12.5 | 10.7                                       | 24.2                      | 19.4                            | 34.5                           | 26.1                             |      |  |
|                 | 25.                    | 7.03                   | 29.4                           | 14.1                           | 10.4               | 24.0                   | 15.8                           | 9.36                           | 17.6                                   | 13.5 | 11.7                                       | 22.4                      | 20.4                            | 32.8                           | 24.8                             |      |  |
|                 | 26.                    | 6.83                   | 29.0                           | 14.0                           | 10.3               | 22.7                   | 15.2                           | 9.19                           | 17.1                                   | 13.3 | 12.1                                       | 21.0                      | 21.3                            | 31.0                           | 23.6                             |      |  |
|                 | 27.                    | 6.87                   | 27.9                           | 13.6                           | 10.3               | 21.8                   | 14.7                           | 9.26                           | 16.7                                   | 12.4 | 11.6                                       | 20.0                      | 21.4                            | 29.5                           | 22.9                             |      |  |
|                 | 28.                    | 6.83                   | 26.3                           | 13.0                           | 10.2               | 22.8                   | 14.6                           | 8.77                           | 16.3                                   | 12.7 | 11.0                                       | 19.0                      | 21.2                            | 28.1                           | 22.1                             |      |  |
|                 | 29.                    | 6.91                   | 25.5                           | 12.1                           | 10.2               | 24.0                   | 15.0                           | 9.03                           | 15.8                                   | 11.9 | 10.5                                       | 17.9                      | 28.4                            | 26.8                           | 21.4                             |      |  |
|                 | 30.                    | 7.37                   | 24.3                           | 11.6                           | 11.3               | 25.3                   | 14.6                           | 9.33                           | 15.1                                   | 11.1 | 10.0                                       | 16.9                      | 37.5                            | 25.6                           | 20.7                             |      |  |
|                 | 31.                    |                        | 23.0                           | 11.3                           | 11.3               | 26.2                   |                                | 9.10                           |  | 11.0 | 9.66                                       |                           | 34.0                            |                                | 19.8                             |      |  |
| Hauptwerte      | Tag                    | 23.                    | 2.                             | 31.                            | 12.                | 1.                     | 30.                            | 28.                            | 5.                                     | 31.  | 22.  | 2.                        | 1.                              | 30.                            | 10.                              |      |  |
|                 | NQ                     | 6.74                   | 7.62                           | 11.3                           | 7.64               | 10.8                   | 14.6                           | 8.77                           | 8.49                                   | 11.0 | 6.90                                       | 9.20                      | 16.9                            | 25.6                           | 17.8                             |      |  |
|                 | MQ                     | 7.70                   | 19.7                           | 17.7                           | 8.98               | 21.2                   | 20.1                           | 13.7                           | 19.5                                   | 15.2 | 9.71                                       | 20.9                      | 26.2                            | 36.3                           | 26.0                             |      |  |
|                 | HQ                     | 9.53                   | 34.4                           | 24.9                           | 11.2               | 33.5                   | 27.6                           | 22.8                           | 36.4                                   | 21.7 | 13.0                                       | 33.7                      | 42.1                            | 46.3                           | 44.4                             |      |  |
|                 | Tag                    | 1.                     | 22.                            | 7.                             | 1.                 | 24.                    | 2.                             | 3.                             | 13.                                    | 10.  | 24.  | 13.                       | 29.                             | 16.                            | 13.                              |      |  |
|                 | h <sub>N</sub>         | mm                     | 23                             | 113                            | 54                 | 29                     | 106                            | 62                             | 70                                     | 175  | 135  | 85                        | 155                             | 160                            | 111                              | 51   |  |
|                 | h <sub>A</sub>         | mm                     | 16                             | 43                             | 38                 | 18                     | 46                             | 42                             | 30                                     | 41   | 33   | 21                        | 44                              | 57                             | 76                               | 56   |  |
|                 |                        |                        | 1920/1997                      |                                | 1921/1998 78 Jahre |                        |                                |                                |  |      |  |                           |                                 |                                |                                  |      |  |
|                 | Jahr                   | 1947                   | 1962                           | 1960                           | 1963               | 1963                   | 1972                           | 1934                           | 1934                                   | 1950 | 1947                                       | 1947                      | 1947                            | 1947                           | 1947                             | 1962 |  |
|                 | NQ                     | 3.96                   | 3.97                           | 3.40                           | 4.88               | 4.88                   | 7.31                           | 7.60                           | 6.80                                   | 8.50 | 5.20                                       | 4.22                      | 4.01                            | 3.96                           | 3.97                             |      |  |
|                 | MNQ                    | 13.7                   | 13.9                           | 13.3                           | 14.4               | 16.0                   | 20.2                           | 19.9                           | 20.8                                   | 20.6 | 18.2                                       | 16.2                      | 14.4                            | 13.9                           | 14.0                             |      |  |
|                 | MQ                     | 18.5                   | 19.0                           | 18.4                           | 20.0               | 22.0                   | 25.9                           | 27.0                           | 29.8                                   | 29.4 | 25.7                                       | 22.4                      | 19.5                            | 18.8                           | 19.2                             |      |  |
|                 | MHQ                    | 26.4                   | 27.7                           | 27.3                           | 28.9               | 31.0                   | 34.2                           | 39.5                           | 43.5                                   | 41.6 | 37.2                                       | 32.4                      | 27.9                            | 26.8                           | 28.1                             |      |  |
|                 | HQ                     | 74.8                   | 71.4                           | 63.7                           | 62.0               | 59.7                   | 71.7                           | 94.0                           | 148                                    | 108  | 63.4                                       | 60.0                      | 63.9                            | 74.8                           | 71.4                             |      |  |
|                 | Jahr                   | 1944                   | 1944                           | 1982                           | 1990               | 1988                   | 1980                           | 1940                           | 1965                                   | 1954 | 1993                                       | 1937                      | 1981                            | 1944                           | 1944                             |      |  |
|                 |                        | 1960/1997              |                                | 1961/1998 38 Jahre             |                    |                        |                                |                                |  |      |  |                           |                                 |                                |                                  |      |  |
| Mh <sub>N</sub> | mm                     | 83                     | 76                             | 65                             | 60                 | 75                     | 96                             | 122                            | 168                                    | 160  | 150  | 101                       | 76                              | 86                             | 77                               |      |  |
| Mh <sub>A</sub> | mm                     | 39                     | 41                             | 40                             | 39                 | 48                     | 54                             | 58                             | 62                                     | 64   | 56   | 47                        | 42                              | 39                             | 42                               |      |  |
| Extremwerte     |                        |                        | Abflussjahr (*)                |                                |                    |                        | Kalenderjahr                   |                                |  |      | Unterschrittene Abflüsse m <sup>3</sup> /s |                           |                                 |                                |                                  |      |  |
|                 |                        |                        | 1998                           |                                |                    |                        | 1998                           |                                |  |      | 78 Kalenderjahre                           |                           |                                 |                                |                                  |      |  |
|                 |                        |                        | Jahr                           | Datum                          | Winter             | Sommer                 | Jahr                           | Datum                          | Unterschreitungs-<br>dauer<br>in Tagen |      | Abfluss-<br>jahr (*)<br>1998               | Kalender-<br>jahr<br>1998 | 1921/1998<br>Obere<br>Hüllwerte | 1921/1998<br>Mittlere<br>Werte | 1921/1998<br>Untere<br>Hüllwerte |      |  |
|                 | NQ                     | m <sup>3</sup> /s      | 6.74                           | am 23.11.1997                  | 6.74               | 6.90                   | 6.90                           | am 22.08.1998                  | (365)                                  | 37.5 | 44.5                                       | 140                       | 70.4                            | 24.5                           |                                  |      |  |
|                 | MQ                     | m <sup>3</sup> /s      | 16.8                           |                                | 16.0               | 17.5                   | 19.7                           |                                | 364                                    | 36.8 | 43.9                                       | 136                       | 63.4                            | 23.0                           |                                  |      |  |
|                 | HQ                     | m <sup>3</sup> /s      | 42.1                           | am 29.10.1998<br>bei W= 123 cm | 34.4               | 42.1                   | 46.3                           | am 16.11.1998<br>bei W= 129 cm | 362                                    | 35.3 | 43.8                                       | 133                       | 60.2                            | 23.0                           |                                  |      |  |
|                 | Nq                     | l/(s km <sup>2</sup> ) | 5.46                           |                                | 5.46               | 5.58                   | 5.58                           |                                | 361                                    | 35.2 | 42.9                                       | 125                       | 58.1                            | 23.0                           |                                  |      |  |
|                 | Mq                     | l/(s km <sup>2</sup> ) | 13.6                           |                                | 13.0               | 14.2                   | 15.9                           |                                | 360                                    | 34.3 | 42.3                                       | 118                       | 56.6                            | 22.0                           |                                  |      |  |
|                 | Hq                     | l/(s km <sup>2</sup> ) | 34.1                           |                                | 27.9               | 34.1                   | 37.5                           |                                | 359                                    | 34.0 | 42.2                                       | 116                       | 55.3                            | 21.5                           |                                  |      |  |
|                 | h <sub>N</sub>         | mm                     | 1167                           |                                | 387                | 780                    | 1193                           |                                | 358                                    | 33.5 | 41.8                                       | 108                       | 54.1                            | 21.5                           |                                  |      |  |
|                 | h <sub>A</sub>         | mm                     | 428                            |                                | 206                | 222                    | 428                            |                                | 357                                    | 33.1 | 41.5                                       | 101                       | 53.1                            | 21.5                           |                                  |      |  |
|                 |                        |                        | 1921/1998 (*) 78 Jahre         |                                |                    |                        | 1921/1998                      |                                |  |      | 340  |                           |                                 |                                |                                  |      |  |
|                 | NQ                     | m <sup>3</sup> /s      | 3.40                           | am 21.01.1960                  | 3.40               | 4.01                   | 3.40                           | am 21.01.1960                  | 320                                    | 26.8 | 31.6                                       | 61.8                      | 37.0                            | 19.5                           |                                  |      |  |
|                 | MNQ                    | m <sup>3</sup> /s      | 9.29                           |                                | 10.3               | 12.0                   | 9.23                           |                                | 300                                    | 25.2 | 28.1                                       | 58.7                      | 33.2                            | 18.3                           |                                  |      |  |
|                 | MQ                     | m <sup>3</sup> /s      | 23.1                           |                                | 20.6               | 25.6                   | 23.2                           |                                | 270                                    | 22.0 | 25.3                                       | 45.2                      | 28.5                            | 16.7                           |                                  |      |  |
| MHQ             | m <sup>3</sup> /s      | 59.3                   |                                | 42.3                           | 56.4               | 59.3                   |                                | 240                            | 20.1                                   | 22.2 | 38.5                                       | 25.1                      | 14.3                            |                                |                                  |      |  |
| HQ              | m <sup>3</sup> /s      | 148                    | am 12.06.1965<br>bei W= 242 cm | 74.8                           | 148                | 148                    | am 12.06.1965<br>bei W= 242 cm | 210                            | 17.4                                   | 20.4 | 35.5                                       | 22.6                      | 13.4                            |                                |                                  |      |  |
| HQ <sub>1</sub> | m <sup>3</sup> /s      | 53.5                   |                                | 39.5                           | 49.8               | 53.5                   |                                | 183                            | 15.8                                   | 18.3 | 33.7                                       | 20.7                      | 12.3                            |                                |                                  |      |  |
| HQ <sub>5</sub> | m <sup>3</sup> /s      |                        |                                |                                |                    |                        |                                | 150                            | 13.3                                   | 16.3 | 29.5                                       | 18.5                      | 10.9                            |                                |                                  |      |  |
| MNQ             | l/(s km <sup>2</sup> ) | 7.52                   |                                | 8.35                           | 9.70               | 7.47                   |                                | 130                            | 11.7                                   | 14.8 | 28.0                                       | 17.2                      | 10.2                            |                                |                                  |      |  |
| Mq              | l/(s km <sup>2</sup> ) | 18.7                   |                                | 16.7                           | 20.8               | 18.8                   |                                | 120                            | 11.3                                   | 14.3 | 27.6                                       | 16.6                      | 9.70                            |                                |                                  |      |  |
| MHQ             | l/(s km <sup>2</sup> ) | 48.0                   |                                | 34.3                           | 45.6               | 48.0                   |                                | 110                            | 10.8                                   | 13.3 | 27.5                                       | 15.8                      | 9.10                            |                                |                                  |      |  |
|                 |                        | 1961/1998 (*) 38 Jahre |                                |                                |                    | 1961/1998              |                                |                                |  | 100  |  |                           |                                 |                                |                                  |      |  |
| Mh <sub>N</sub> | mm                     | 1232                   |                                | 454                            | 778                | 1237                   |                                | 90                             | 9.80                                   | 11.7 | 26.2                                       | 14.5                      | 7.80                            |                                |                                  |      |  |
| Mh <sub>A</sub> | mm                     | 591                    |                                | 265                            | 324                | 592                    |                                | 80                             | 9.33                                   | 11.3 | 24.8                                       | 13.9                      | 6.60                            |                                |                                  |      |  |
|                 |                        | Niedrigwasser          |                                |                                |                    | Hochwasser             |                                |                                |  | 70   |  |                           |                                 |                                |                                  |      |  |
|                 |                        | m <sup>3</sup> /s      | l/(s km <sup>2</sup> )         | Datum                          | m <sup>3</sup> /s  | l/(s km <sup>2</sup> ) | cm                             | Datum                          | 50                                     |      |  |                           |                                 |                                |                                  |      |  |
| 1               | 3.40                   | 2.75                   | 21.01.1960                     | 148                            | 120                |                        |                                | 12.06.1965                     | 40                                     |      |  |                           |                                 |                                |                                  |      |  |
| 2               |                        |                        |                                | 140                            | 113                |                        |                                | 03.06.1940                     | 30                                     |      |  |                           |                                 |                                |                                  |      |  |
| 3               |                        |                        |                                | 108                            | 87.8               |                        |                                | 21.06.1979                     | 25                                     |      |  |                           |                                 |                                |                                  |      |  |
| 4               |                        |                        |                                | 108                            | 87.4               |                        |                                | 13.07.1954                     | 20                                     |      |  |                           |                                 |                                |                                  |      |  |
| 5               |                        |                        |                                | 101                            | 81.8               |                        |                                | 02.06.1965                     | 15                                     |      |  |                           |                                 |                                |                                  |      |  |
| 6               |                        |                        |                                | 92.8                           | 75.1               |                        |                                | 19.06.1965                     | 10                                     |      |  |                           |                                 |                                |                                  |      |  |
| 7               |                        |                        |                                | 88.6                           | 71.7               |                        |                                | 11.07.1946                     | 9                                      |      |  |                           |                                 |                                |                                  |      |  |
| 8               |                        |                        |                                | 85.2                           | 69.0               |                        |                                | 25.05.1939                     | 8                                      |      |  |                           |                                 |                                |                                  |      |  |
| 9               |                        |                        |                                | 84.0                           | 68.0               |                        |                                | 15.05.1930                     | 7                                      |      |  |                           |                                 |                                |                                  |      |  |
| 10              |                        |                        |                                | 75.2                           | 60.9               |                        |                                | 25.05.1949                     | 6                                      |      |  |                           |                                 |                                |                                  |      |  |

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