

A_{E0} : 8411 km²



Pegel : Versen Wehrdurchstich Nr. 3730010

PNP : + 6.71 m

Gewässer: Ems

Lage: 234.01 km Lauflänge ab Quelle, rechts

cm

Gebiet : Mittlere Ems

| | Tag | 2013 | | 2014 | | | | | | | | | | | |
|-------------|------|------------|------------------------|---------------|------------|--------|---------------|---------------|----------------------------------|-----------------------|----------------|-----------|-----------------|----------------|------------------|
| | | Nov | Dez | Jan | Feb | Mrz | Apr | Mai | Jun | Jul | Aug | Sep | Okt | Nov | Dez |
| Tageswerte | 1. | 104 | 131 | 161 | 147 | 130 | 102 | 116 | 152 | 106 | 216 | 110 | 102 | 116 | 111 |
| | 2. | 105 | 133 | 148 | 143 | 130 | 103 | 122 | 127 | 108 | 221 | 115 | 102 | 111 | 112 |
| | 3. | 109 | 128 | 144 | 147 | 128 | 102 | 123 | 118 | 100 | 192 | 116 | 101 | 111 | 109 |
| | 4. | 133 | 124 | 139 | 149 | 125 | 104 | 109 | 112 | 94 | 142 | 110 | 99 | 119 | 109 |
| | 5. | 169 | 123 | 141 | 145 | 120 | 101 | 101 | 108 | 92 | 132 | 102 | 97 | 127 | 106 |
| | 6. | 166 | 136 | 144 | 137 | 117 | 100 | 102 | 113 | 91 | 130 | 102 | 97 | 136 | 104 |
| | 7. | 167 | 151 | 148 | 143 | 119 | 100 | 103 | 112 | 93 | 124 | 100 | 96 | 132 | 105 |
| | 8. | 180 | 153 | 159 | 164 | 120 | 104 | 111 | 104 | 98 | 116 | 100 | 101 | 123 | 105 |
| | 9. | 183 | 154 | 170 | 183 | 119 | 105 | 125 | 110 | 111 | 110 | 100 | 117 | 118 | 106 |
| | 10. | 192 | 155 | 168 | 177 | 113 | 106 | 136 | 141 | 132 | 105 | 100 | 121 | 110 | 111 |
| | 11. | 178 | 144 | 182 | 158 | 114 | 106 | 158 | 189 | 165 | 113 | 95 | 136 | 110 | 112 |
| | 12. | 159 | 135 | 180 | 147 | 113 | 103 | 167 | 173 | 155 | 110 | 94 | 121 | 111 | 127 |
| | 13. | 147 | 129 | 170 | 147 | 111 | 102 | 173 | 154 | 134 | 107 | 99 | 114 | 109 | 176 |
| | 14. | 135 | 125 | 161 | 159 | 109 | 108 | 172 | 127 | 118 | 106 | 98 | 113 | 106 | 215 |
| | 15. | 130 | 120 | 146 | 178 | 111 | 107 | 152 | 111 | 111 | 107 | 96 | 110 | 108 | 220 |
| | 16. | 124 | 121 | 142 | 190 | 111 | 109 | 140 | 109 | 116 | 108 | 94 | 108 | 114 | 185 |
| | 17. | 120 | 119 | 148 | 177 | 114 | 108 | 131 | 104 | 106 | 108 | 96 | 106 | 148 | 171 |
| | 18. | 121 | 117 | 150 | 158 | 116 | 104 | 122 | 102 | 107 | 112 | 96 | 106 | 195 | 173 |
| | 19. | 121 | 116 | 146 | 147 | 115 | 104 | 115 | 101 | 99 | 118 | 96 | 105 | 196 | 203 |
| | 20. | 120 | 120 | 143 | 143 | 116 | 102 | 114 | 102 | 100 | 126 | 98 | 106 | 164 | 266 |
| | 21. | 117 | 122 | 136 | 142 | 120 | 100 | 110 | 101 | 107 | 128 | 118 | 112 | 137 | 280 |
| | 22. | 115 | 121 | 135 | 146 | 119 | 101 | 107 | 99 | 139 | 123 | 119 | 124 | 127 | 283 |
| | 23. | 112 | 117 | 128 | 150 | 116 | 104 | 107 | 101 | 172 | 113 | 131 | 138 | 122 | 277 |
| | 24. | 110 | 124 | 128 | 143 | 115 | 104 | 107 | 100 | 155 | 113 | 121 | 143 | 123 | 257 |
| | 25. | 109 | 147 | 130 | 136 | 111 | 103 | 111 | 99 | 125 | 120 | 118 | 122 | 125 | 248 |
| | 26. | 108 | 179 | 128 | 135 | 110 | 102 | 109 | 98 | 128 | 118 | 109 | 118 | 118 | 230 |
| | 27. | 115 | 170 | 141 | 132 | 110 | 100 | 116 | 98 | 134 | 118 | 110 | 114 | 118 | 215 |
| | 28. | 114 | 163 | 178 | 131 | 108 | 110 | 136 | 96 | 134 | 125 | 105 | 116 | 114 | 192 |
| | 29. | 113 | 182 | 196 | 108 | 108 | 113 | 161 | 94 | 139 | 110 | 102 | 113 | 116 | 176 |
| | 30. | 124 | 181 | 179 | 106 | 108 | 108 | 201 | 101 | 186 | 105 | 102 | 116 | 112 | 161 |
| | 31. | | 169 | 154 | 103 | | | 187 | | 208 | 107 | | 115 | | 157 |
| Hauptwerte | Tag | 1. | 19. | 23.+ | 28. | 31. | 6.+ | 5. | 29. | 6. | 10.+ | 12.+ | 7. | 14. | 6. |
| | NW | 104 | 116 | 128 | 131 | 103 | 100 | 101 | 94 | 91 | 105 | 94 | 96 | 106 | 104 |
| | MW | 133 | 139 | 152 | 152 | 115 | 104 | 130 | 115 | 125 | 125 | 105 | 113 | 126 | 174 |
| | HW | 196 | 205 | 202 | 197 | 134 | 120 | 211 | 199 | 213 | 224 | 140 | 155 | 203 | 289 |
| | Tag | 10. | 26. | 28. | 16. | 1. | 29. | 30. | 11. | 31. | 2. | 23. | 23. | 18. | 22. |
| | | 2004/2013 | | 2005/2014 | | | | | | 10 Jahre | | | | | |
| | Jahr | 2006 | 2011 | 2009 | 2006 | 2014 | 2014 | 2009 | 2011 | 2011 | 2011 | 2006 | 2012 | 2006 | 2011 |
| | NW | 94 | 98 | 96 | 116 | 103 | 100 | 91 | 90 | 88 | 88 | 87 | 89 | 94 | 98 |
| | MNW | 105 | 120 | 136 | 139 | 140 | 115 | 102 | 96 | 94 | 98 | 97 | 98 | 106 | 118 |
| | MW | 141 | 169 | 207 | 194 | 183 | 135 | 120 | 109 | 107 | 114 | 110 | 113 | 137 | 170 |
| MHW | 212 | 257 | 319 | 283 | 255 | 186 | 166 | 145 | 143 | 173 | 156 | 158 | 205 | 260 | |
| HW | 342 | 416 | 469 | 355 | 395 | 263 | 215 | 199 | 213 | 343 | 298 | 241 | 342 | 416 | |
| Jahr | 2007 | 2007 | 2008 | 2007 | 2007 | 2006 | 2007 | 2014 | 2014 | 2010 | 2010 | 2007 | 2007 | 2007 | |
| Hauptwerte | | | Abflussjahr (*) | | | | Kalenderjahr | | Unterschnittene Wasserstände cm | | | | | | |
| | | | 2014 | | | | 2014 | | 10 Kalenderjahre | | | | | | |
| | | | Jahr | Datum | Winter | Sommer | Jahr | Datum | Unter schreitungs dauer in Tagen | Abfluss-jahr (*) 2014 | Kalender- 2014 | 2005/2014 | Obere Hüllwerte | Mittlere Werte | Untere Hüllwerte |
| | NW | cm | 91 | am 06.07.2014 | 100 | 91 | 91 | am 06.07.2014 | (365) | 221 | 283 | 466 | 431 | 270 | |
| | MW | cm | 126 | | 133 | 119 | 128 | | 364 | 216 | 280 | 461 | 393 | 262 | |
| | HW | cm | 224 | am 02.08.2014 | 205 | 224 | 289 | am 22.12.2014 | 362 | 208 | 277 | 451 | 374 | 261 | |
| | | | 2005/2014 (*) 10 Jahre | | | | 2005/2014 | | Dauertabelle | | | | | | |
| | NW | cm | 87 | am 26.09.2006 | 94 | 87 | 87 | am 26.09.2006 | 361 | 201 | 266 | 447 | 359 | 257 | |
| | MNW | cm | 91 | | 102 | 92 | 92 | | 360 | 196 | 257 | 435 | 346 | 256 | |
| | MW | cm | 142 | | 172 | 112 | 142 | | 359 | 196 | 248 | 431 | 338 | 248 | |
| MHW | cm | 347 | | 342 | 202 | 356 | | 358 | 192 | 230 | 428 | 328 | 230 | | |
| HW | cm | 469 | am 26.01.2008 | 469 | 343 | 469 | am 26.01.2008 | 357 | 190 | 221 | 425 | 323 | 221 | | |
| Extremwerte | | | Niedrigwasser | | Hochwasser | | | | | | | | | | |
| | | | cm | Datum | cm | Datum | | | | | | | | | |
| | 1 | 77 | 20.08.1938 | 546 | 12.02.1946 | | | | | | | | | | |
| | 2 | 80 | 27.01.1996 | 504 | 02.11.1998 | | | | | | | | | | |
| | 3 | 80 | 07.07.1947 | 504 | 04.01.1997 | | | | | | | | | | |
| | 4 | 82 | 13.08.1990 | 502 | 08.12.1960 | | | | | | | | | | |
| | 5 | 82 | 27.05.1990 | 496 | 05.12.1961 | | | | | | | | | | |
| | 6 | 82 | 20.09.1944 | 495 | 02.02.1995 | | | | | | | | | | |
| | 7 | 82 | 30.07.1943 | 495 | 26.02.1970 | | | | | | | | | | |
| | 8 | 83 | 04.09.1989 | 494 | 18.01.1948 | | | | | | | | | | |
| 9 | 83 | 22.08.1976 | 493 | 07.01.2003 | | | | | | | | | | | |
| 10 | 83 | 04.08.1974 | 492 | 05.01.1994 | | | | | | | | | | | |

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

Extremwerte ab 1936 eisfrei

A_{Eo} : 8411 km²



Pegel : Versen Wehrdurchstich Nr. 3730010

PNP : NN + 6.71 m

Gewässer: Ems

Lage: 234.01 km Lauflänge ab Quelle, rechts

m³/s

Gebiet : Mittlere Ems

Table with columns: Tag, 2013 (Nov, Dez), 2014 (Jan, Feb, Mrz, Apr, Mai, Jun, Jul, Aug, Sep, Okt, Nov, Dez). Rows 1-31 showing daily flow values.

Summary table for 'Hauptwerte' including Tag, NQ, MQ, HQ, hN, hA, and historical data for 1941/2013, 1942/2014, and 73 Jahre.

Main data table for 'Hauptwerte' with sub-sections for 'Abflussjahr (*)', 'Kalenderjahr', and 'Dauertabelle' (Dauerabflüsse). Includes columns for year, date, winter/summer, and various flow types (NQ, MQ, HQ, MNQ, MHQ, etc.).

Table for 'Extremwerte' (Extrem Values) with columns for 'Niedrigwasser' and 'Hochwasser'. Includes flow rate (m³/s), discharge (l/(s km²)), and date.

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

HQ1 ,HQ5: Jahresreihe 1941-2014

Extremwerte ab 1936