

BREMERHAVEN (DOPPELSCHLEUSE) – GERMANY

LAT. 53° 33' N. LONG. 08° 34' E.

TIME ZONE -0100

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2023

AUGUST

| TIME | | | Ht. | TIME | | | Ht. |
|-----------|------|------|-----|-----------|------|------|-----|
| | | h | m | | | h | m |
| 1 | 0017 | 4.50 | | 16 | 0130 | 4.40 | |
| | 0633 | 0.60 | | | 0733 | 0.70 | |
| TU | 1241 | 4.60 | | W | 1336 | 4.60 | |
| | 1909 | 0.50 | | | 2001 | 0.50 | |
| 2 | 0120 | 4.50 | | 17 | 0209 | 4.40 | |
| | 0736 | 0.60 | | | 0813 | 0.60 | |
| W | 1333 | 4.80 | | TH | 1411 | 4.70 | |
| | 2008 | 0.40 | | | 2039 | 0.50 | |
| 3 | 0215 | 4.60 | | 18 | 0243 | 4.40 | |
| | 0830 | 0.50 | | | 0848 | 0.60 | |
| TH | 1420 | 4.90 | | F | 1441 | 4.80 | |
| | 2102 | 0.30 | | | 2113 | 0.60 | |
| 4 | 0306 | 4.60 | | 19 | 0312 | 4.50 | |
| | 0919 | 0.50 | | | 0918 | 0.60 | |
| F | 1508 | 5.00 | | SA | 1509 | 4.80 | |
| | 2152 | 0.30 | | | 2142 | 0.60 | |
| 5 | 0356 | 4.50 | | 20 | 0338 | 4.50 | |
| | 1003 | 0.40 | | | 0945 | 0.70 | |
| SA | 1554 | 4.90 | | SU | 1536 | 4.80 | |
| | 2237 | 0.20 | | | 2208 | 0.70 | |
| 6 | 0441 | 4.40 | | 21 | 0406 | 4.50 | |
| | 1042 | 0.40 | | | 1014 | 0.70 | |
| SU | 1640 | 4.90 | | M | 1607 | 4.80 | |
| | 2318 | 0.30 | | | 2237 | 0.70 | |
| 7 | 0524 | 4.30 | | 22 | 0437 | 4.50 | |
| | 1121 | 0.50 | | | 1046 | 0.80 | |
| M | 1725 | 4.80 | | TU | 1640 | 4.70 | |
| | 2357 | 0.40 | | | 2307 | 0.80 | |
| 8 | 0605 | 4.30 | | 23 | 0508 | 4.40 | |
| | 1200 | 0.60 | | | 1115 | 0.80 | |
| TU | 1812 | 4.70 | | W | 1712 | 4.60 | |
| | | | | | 2331 | 0.80 | |
| 9 | 0035 | 0.60 | | 24 | 0536 | 4.40 | |
| | 0645 | 4.20 | | | 1140 | 0.90 | |
| W | 1240 | 0.70 | | TH | 1743 | 4.50 | |
| | 1900 | 4.50 | | | 2354 | 0.90 | |
| 10 | 0114 | 0.80 | | 25 | 0609 | 4.30 | |
| | 0731 | 4.20 | | | 1213 | 1.00 | |
| TH | 1328 | 0.90 | | F | 1830 | 4.30 | |
| | 2000 | 4.40 | | | | | |
| 11 | 0207 | 1.00 | | 26 | 0037 | 1.10 | |
| | 0834 | 4.20 | | | 0707 | 4.20 | |
| F | 1437 | 1.00 | | SA | 1315 | 1.10 | |
| | 2116 | 4.30 | | | 1946 | 4.20 | |
| 12 | 0320 | 1.10 | | 27 | 0153 | 1.20 | |
| | 0951 | 4.20 | | | 0831 | 4.20 | |
| SA | 1603 | 1.10 | | SU | 1446 | 1.10 | |
| | 2238 | 4.30 | | | 2120 | 4.20 | |
| 13 | 0443 | 1.10 | | 28 | 0330 | 1.10 | |
| | 1107 | 4.40 | | | 1002 | 4.30 | |
| SU | 1727 | 1.00 | | M | 1624 | 0.90 | |
| | 2350 | 4.30 | | | 2252 | 4.30 | |
| 14 | 0555 | 1.00 | | 29 | 0504 | 0.90 | |
| | 1208 | 4.50 | | | 1123 | 4.50 | |
| M | 1832 | 0.80 | | TU | 1751 | 0.70 | |
| 15 | 0045 | 4.40 | | 30 | 0010 | 4.40 | |
| | 0650 | 0.80 | | | 0623 | 0.70 | |
| TU | 1256 | 4.60 | | W | 1228 | 4.60 | |
| | 1921 | 0.60 | | | 1901 | 0.50 | |
| | | | | 31 | 0114 | 4.50 | |
| | | | | | 0727 | 0.60 | |
| | | | | TH | 1320 | 4.80 | |
| | | | | | 2000 | 0.40 | |