

ARROWSMITH'S BRISTOL CHANNEL TIDE TABLE 2020 ERRATUM TO NOTES ON THE TIDAL PREDICTIONS, PAGE 25

The published Sharpness 2020 heights relate to Chart Datum, not Sill Datum as in previous years. Therefore subtract 0.5 metres from Sharpness 2020 heights to compare tide heights with previous years.

1. Predictions are referred to **Chart Datum** for all ports ~~except Sharpness, which are referred to Sill Datum.~~
2. Times are given throughout in **Greenwich Mean Time**. To obtain the time in British Summer Time add 1 hour (see page 24 for dates).
3. Heights of tides are given in metres. A conversion table — metres to feet — is given on page 84.
4. The symbols for New (●) and Full Moon (○) are shown in the daily predictions on the days on which they occur.

AVONMOUTH

King Road

Royal Portbury Dock Sill	17.7 m MHWS, 14.3 m MHWN
Royal Edward Dock Sill	14.0 m MHWS, 10.8 m MHWN
Bristol Cumberland Basin Sill	10.0 m MHWS, 7.0 m MHWN

SWANSEA

Kings Dock Outer Sill 2.9 m below Chart Datum

Controlling depth in entrance channel is 4.2 m

BARRY

Lady Windsor Outer Sill (nominal)	3.2 m below Chart Datum
Basin Entrance Sill	0.4 m below Chart Datum

CARDIFF

Queen Alexandra Outer Sill 0.6m below Chart Datum

Controlling depth in dredged channel is 1.2 m

NEWPORT

South Lock 1.7 m below Chart Datum

SHARPNESS

Chart Datum	0.5 m below Outer Sill
Sill	0.5 m above Chart Datum

Sharpness: see pages 9-12 for the effect of river flood water on tidal levels. The Harbourmaster should be consulted for up-to-date details of controlling depths.

Newport: the height of Low Water at Newport does not normally fall below MLWS; tidal heights are calculated for an average minimum flow. Maximum flow may raise the height of Low Water by as much as 0.3 m.

All ports: controlling depths, even when regularly maintained, can be affected by silting. The relevant Port Authority should be consulted for up to date details of controlling depths. These are listed in the Useful Contacts section on page 89.

To compare tide heights with those published in this Table for years 2008 and earlier, add 2.9m to Swansea height predictions, 3.2m to Barry, 0.6m to Cardiff and 1.7m to Newport. ~~Sharpness heights are related to Sill Datum.~~

Ready Reckoner for Sharpness tide height in metres

2020	Subtract 0.5 metre
10.7	10.2
10.6	10.1
10.5	10
10.4	9.9
10.3	9.8
10.2	9.7
10.1	9.6
10	9.5
9.9	9.4
9.8	9.3
9.7	9.2
9.6	9.1
9.5	9
9.4	8.9
9.3	8.8
9.2	8.7
9.1	8.6
9	8.5
8.9	8.4
8.8	8.3
8.7	8.2
8.6	8.1
8.5	8
8.4	7.9
8.3	7.8
8.2	7.7
8.1	7.6
8	7.5
7.9	7.4
7.8	7.3
7.7	7.2
7.6	7.1
7.5	7
7.4	6.9
7.3	6.8
7.2	6.7
7.1	6.6
7	6.5
6.9	6.4
6.8	6.3
6.7	6.2

2020	Subtract 0.5 metre
6.6	6.1
6.5	6
6.4	5.9
6.3	5.8
6.2	5.7
6.1	5.6
6	5.5
5.9	5.4
5.8	5.3
5.7	5.2
5.6	5.1
5.5	5
5.4	4.9
5.3	4.8
5.2	4.7
5.1	4.6
5	4.5
4.9	4.4
4.8	4.3
4.7	4.2
4.6	4.1
4.5	4
4.4	3.9
4.3	3.8
4.2	3.7
4.1	3.6
4	3.5
3.9	3.4
3.8	3.3
3.7	3.2
3.6	3.1
3.5	3
3.4	2.9
3.3	2.8
3.2	2.7
3.1	2.6
3	2.5
2.9	2.4
2.8	2.3
2.7	2.2
2.6	2.1

2020	Subtract 0.5 metre
2.5	2
2.4	1.9
2.3	1.8
2.2	1.7
2.1	1.6
2	1.5
1.9	1.4
1.8	1.3
1.7	1.2
1.6	1.1
1.5	1
1.4	0.9
1.3	0.8
1.2	0.7
1.1	0.6
1	0.5
0.9	0.4
0.8	0.3
0.7	0.2
0.6	0.1
0.5	0
0.4	-0.1
0.3	-0.2
0.2	-0.3
0.1	-0.4
0	-0.5
-0.1	-0.6
-0.2	-0.7
-0.3	-0.8
-0.4	-0.9
-0.5	-1
-0.6	-1.1
-0.7	-1.2
-0.8	-1.3
-0.9	-1.4
-1	-1.5
-1.1	-1.6
-1.2	-1.7
-1.3	-1.8
-1.4	-1.9
-1.5	-2