



TIDE-TABLES FOR WARRENPOINT PORT (CARLINGFORD LOUGH)

2023



2023

Times and Heights of High and Low Waters.

All times in GREENWICH MEANTIME

HEIGHTS REFER TO CHART DATUM Chart Datum is -3.05 mts. OD Belfast

Tide Tables

These tide tables are based on predictions of tidal movement. The Port operates an electronic tide gauge. Accurate information on actual conditions can be obtained by telephoning: Warrenpoint (028) 4177 3558.

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WARRENPOINT PORT

Latitude 54° 06' N. Longitude 6° 15' W.

Highest Tide recorded 1st February, 2002 6.8 m BERTHS

7 Berths Total 750 m Depth of Water up to 7.5 m CD

MHWS: 5 1M MHWN: 4 1M

Warrenpoint Harbour Authority Harbour Office, Warrenpoint Co. Down, N. Ireland. BT34 3JR.

Telephone :- (028) 4177 3381 / 4175 2878

Fax. :- (028) 4175 2875 / 4177 3962

Web :- www.warrenpointharbour.co.uk Email :- info@warrenpointharbout.co.uk

f @WarrenpointPort

(B) @portwarrenpoint

in Warrenpoint Port

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HARBOUR PLAN



Welcome to Warrenpoint Port

I am pleased to present the 2023 Tide Tables for Warrenpoint Port in Carlingford Lough.

I trust you will find the information contained within to be beneficial to your safe enjoyment of Warrenpoint Port.

Warrenpoint Port anticipates that in 2023 we will continue to see increasing use of our Marina and Town Dock facilities.

May I take this opportunity to draw your attention to the Notice to Mariner's No. 1 of 2023. This notice is a summary of all notices in force at the start of 2023 and can be found on our website www.warrenpointharbour.co.uk

I encourage you to visit the website regularily to acquaint yourself with the most up-to-date navigation safety information for Warrenpoint, Carlingford Lough and Newry River.

I wish you a safe and enjoyable visit to Warrenpoint Port.

Harbour Master

Safety First Lifejackets

"Lifejackets save Lives" MCA 2007

Notice is hereby given that it is strongly recommended that all recreational boat users in the Warrenpoint Port wear correctly maintained, fit for purpose Lifejackets and Buoyancy Aids at all times when on the water

On the 4th of July 2008 an expert panel review, comprising of staff from the RYA, RNLI, MAIB and industry, was convened to analyse fatal maritime incidents in 2007 and assess whether a life jacket would have made a difference in saving a person s life.

After reviewing each incident, the panel had to choose from whether it was probably, possibly or unlikely that the person would have been saved by wearing a lifejacket that was suitably maintained, correctly worn and fit for purpose or alternatively that it was not appropriate for the person to have been wearing a lifejacket in the particular incident under review.

From a total of 133 fatalities, 91 were deemed as not appropriate for the casualty to be wearing a lifejacket. These deaths covered recreational activities such as diving and coastal walking where there is no call for the participant to wear a lifejacket, and other 'misadventures' where a person ended up drowning despite not taking part in any maritime activity.

Of the remaining 42 fatalities, it was agreed that in 29 cases that is to say 69% of cases, a lifejacket would have had a more positive outcome, either probably or possibly saving a person's life.

(MCA 2007)

- Information for Recreational Port Users -

- All vessels moving within the Limits of Warrenpoint Harbour fall under the control of the Warrenpoint Harbour Master.
- The Port Operates a Traffic Service on VHF Channel 12.
- All vessels wishing to enter the Harbour Limits from seaward, from the Newry River or departing their location in the Harbour are to contact Warrenpoint Harbour Radio using VHF Channel 12 for permission prior to doing so.
- All vessels operating within the Limits of Warrenpoint Harbour shall maintain a listening watch on VHF Channel 12.
- All recreational users shall have a sound knowledge of the International Collision Regulations and Local Notice to Mariners in force prior to entering Warrenpoint Harbour Limits, particularly in relation to narrow channels.
- Navigation within the main shipping channel is permitted under power only.
- Personal watercraft are not permitted to operate within the inner harbour or main shipping channel at any time.
- Clubs or organisations wishing to organise an event within Warrenpoint Harbour Limits shall notify the Harbour Master in writing at least 14 days prior to the event.
- Recreational users are advised to <u>stay well clear of the shipping channel where possible</u>. When the channel must be crossed this should be done as near as practicable to right angles. Warrenpoint Harbour Radio should be contacted prior to crossing.
- · Avoid crossing the bows of on-coming commercial traffic.
- Always check our website for the latest navigational information at www.warrenpointharbour.co.uk.

- Basic Safety Steps -

- The international Collision Regulations apply to ALL vessels when operating within Warrenpoint Harbour Authority Limits, both powered and sail. Know and follow them.
- Give early and clear notice of your intentions to commercial shipping, do not continue on a collision course to the last minute.
- · Check the ferry times in the Lough.
- Watch out for the wash of faster moving commercial vessels, especially if launching or recovering boats near high water time.

Water based events in Warrenpoint Harbour Jurisdiction

In accordance with the Bye laws of Warrenpoint Harbour Authority the organiser of any boat race, regatta, public procession or other public event, when a number of vessels is expected to assemble on the waters of the Harbour, shall give not less than 14 days' notice thereof to the Harbour Master.

Every boat race, regatta, procession or other public event shall be conducted on courses and at times previously approved by the Harbour Master.

For information on organising events including details of the application process please contact the office of the Harbour Master by phoning 028 417 73381 or email: info@warrenpointharbour.co.uk

International Collision Regulations

Commonly known as the 'Coll regs' or 'Rules of the Road'

Rule 5: Duties of a Look-out

Every vessel shall at all times maintain a proper look-out by sight and hearing as well as by all available means appropriate in the prevailing circumstances and conditions so as to make a full appraisal of the situation and or the risk of collision.

Rule 9: Conduct of vessels in Narrow Channels

- (a) A vessel proceeding along the course of a narrow channel or fairway shall keep as near to the outer limit of the channel or fairway which lies on her starboard side as is safe and practicable.
- (b) A vessel of less than 20 metres in length or a <u>sailing vessel shall</u> not impede the passage of a vessel which can safely navigate only within a narrow channel or fairway.
- (c) A vessel engaged in fishing shall not impede the passage of any other vessel navigating within a narrow chanel of fairway.
- (d) A vessel shall not cross a narrow channel or fairway if such crossing impedes the passage of a vessel which can safely navigate within such channel or fairway.
 - The latter vessel may use the sound signal prescribed in Rule 34(d) [five short and rapid blasts on the whistle] if in doubt as to the intention of the crossing vessel.
- (e) (i) In a narrow channel or fairway when overtaking can take place only if the vessel to be overtaken has to take action to permit safe passing, the vessel intending to overtake shall indicate her intention by sounding the appropriate signal prescribed in Rule 34 (c)(i). [2 long 1 short to overtake Starboard side and 2 long 2 short to overtake port side] The vessel to be overtaken shall, if in agreement, sound the appropriate signal prescribed in Rule 34(c)(ii) [1 long 1 short 1 long 1 short] and take steps to permit safe passing. If in doubt she may sound the signals prescribed in Rule 34(d). [five short and rapid blasts on the whistle]
 - (ii) This Rule does not relieve the overtaking vessel of her obligation under Rule 13. [Rule 13 Overtaking]
- (f) A vessel nearing a bend or an area of a narrow channel or fairway where other vessels may be obscured by an intervening obstruction shall navigate with particular alertness and caution and shall sound the appropriate signal prescribed in Rule 34(e). [1 long blast]
- (g) Any vessel shall, if the circumstances of the case admit, avoid anchoring in a narrow channel.

JANUARY 2023

	Time m	Time m	Time m	Time m	Time m	Time m
1 su	0051 1.2 0658 4.1 1311 1.4 1913 4.5	7 0544 1.2 1134 4.9 SA 1814 1.0 2357 4.5	13 0303 4.3 0909 1.3 F 1518 4.5 2154 1.1	19 0250 1.2 0849 4.5 TH 1521 1.2 2117 4.6	25 0130 4.9 0801 0.5 W 1341 5.3 2038 0.2	31 0103 1.5 0715 3.9 TU 1337 1.5 1944 4.0
2	0151 1.2 0758 4.2 1413 1.4 2014 4.4	8 0619 1.2 1207 4.9 SU 1849 1.0	14 0352 4.1 0957 1.4 SA 1607 4.4 2245 1.2	20 0351 1.0 0943 4.8 F 1625 0.9 2213 4.8	26 0220 4.7 0846 0.6 TH 1432 5.2 2123 0.4	
3 ™	0246 1.3 0853 4.3 1511 1.3 2112 4.4	9 0029 4.5 0651 1.2 M 1240 4.9 1923 1.0	15 0446 4.1 1054 1.5 su 1703 4.3 (2343 1.3	21 0448 0.8 1032 5.0 SA 1723 0.6 2304 5.0	27 0313 4.5 0932 0.8 F 1527 4.9 2210 0.7	
4	0337 1.3 0942 4.5 1604 1.2 2203 4.4	10 0102 4.5 0722 1.2 TU 1315 4.9 1956 1.0	16 0546 4.0 1159 1.5 M 1805 4.2	22 0540 0.7 1119 5.3 SU 1815 0.4 2353 5.1	28 0410 4.2 1022 1.0 SA 1625 4.6 2301 1.0	
5	0423 1.2 1024 4.6 1652 1.1 2247 4.5	11 0139 4.4 0753 1.2 W 1353 4.8 2031 1.0	17 0044 1.3 0649 4.1 TU 1306 1.5 1911 4.3	23 0629 0.6 1206 5.4 M 1904 0.2	29 0509 4.1 1117 1.3 SU 1728 4.4 2358 1.3	
6	0505 1.2 1101 4.8 1735 1.0 2324 4.5	12 0219 4.4 0828 1.2 TH 1434 4.6 2109 1.0	18 0147 1.3 0751 4.2 W 1414 1.4 2016 4.4	24 0041 5.0 0716 0.5 TU 1252 5.4 1952 0.2	30 0611 3.9 1222 1.5 M 1835 4.1	

FEBRUARY 2023

	Time	m		Tim	e m		Time	e m		Tim	e m		Time	e m		Time	e m
1 w	0212 0819 1447 2051	4.1 1.5	6	0609 1150 1836	4.8	11 SA	0223 0842 1438 2117	4.6		0111 0720 1347 2000	1.4 4.1 1.4 4.2		0617 1151 1850	0.3 5.4 -0.1	26	0325 0944 1547 2211	4.3 0.8 4.5 1.0
2 TH	0312 0916 1546 2148	1.5 4.2 1.3 4.2	7	0010 0642 1220 1908	4.5 0.9 4.9 0.7		0925	1.0 4.5		0228 0831 1511 2109	1.3 4.3 1.2 4.4	22	0025 0701 1234 1933	5.0 0.2 5.4 -0.1	27	0420 1032 1648 2301	4.0 1.2 4.1 1.4
3	0404 1004 1637 2233	4.5 1.1	8	0039 0709 1251 1937	0.8		0355 1016 1616 2257	4.3	18 SA	0339 0930 1620 2207	1.1 4.6 0.8 4.7	23 TH		4.9 0.2 5.3 0.0	28 ™	1131	3.9 1.5 3.9
4 SA	0450 1044 1721 2310	4.6 1.0	9	0111 0735 1323 2006	0.8 4.8	14 TU	0453 1117 1720	1.4	19 su	0439 1021 1715 2257	0.8 5.0 0.4 4.9	24	0151 0822 1404 2051	4.7 0.3 5.1 0.3			
SU	0532 1118 1801 2341	4.8 0.8	10 F		0.8	15 w	0000 0603 1227 1839	1.5		0530 1107 1805 2342	0.5 5.2 0.1 5.0	25 SA	0236 0902 1453 2129	4.5 0.5 4.8 0.6			

MARCH 2023

	Time	m		Time	e m		Time	e m		Tim	e m		Time	m			Time	m
1 w	0004 0634 1256 1915	3.8 1.6	7 100	0549 1127 1813 2346	4.8 0.5	13 _M	0230 0904 1453 2133	4.5		0329 0917 1609 2158	1.1 4.6 0.6 4.6		0121 0755 1337 2016	4.7 0.2 4.9 0.4	31	1 F	0055 0709 1353 1957	1.9 3.9 1.6 3.7
2 TH	0137 0744 1424 2027	1.8 3.9 1.6 3.8	8 w	0622 1155 1844	4.8		0318 0953 1548 2226	4.3	20	0425 1008 1701 2245	0.7 4.9 0.2 4.8	26	0200 0832 1422 2052	4.5 0.5 4.7 0.7				
3	0248 0848 1525 2128	4.1 1.3 4.0	9 TH	0012 0650 1223 1912	0.5 4.8 0.4	13	0417 1053 1656 2331	1.3 4.1	TU	0513 1052 1747 2327	0.4 5.2 -0.0 4.9	27	0242 0912 1511 2130	4.3 0.8 4.3 1.1				
4 SA	0343 0940 1615 2213	4.3 1.1	10	0041 0716 1253 1941	0.5 4.8	16	0533 1207 1828	4.0 1.4 4.0		0558 1134 1828	0.1 5.3 -0.1	28	0333 0957 1612 2217	4.1 1.1 4.0 1.5				
5	1659 2249	4.5 0.8 4.3	11 SA	0112 0746 1327 2012	0.5 4.8 0.5	17	0050 0703 1341 1955	1.6 4.0 1.4 4.1	23 TH	0005 0640 1214 1907	4.9 0.0 5.3 -0.1	29	0439 1052 1727 2316	3.9 1.5 3.7 1.8				
6 ™	0512 1056 1738 2319	4.7 0.6	12 su	0148 0822 1407 2049	0.6 4.7	18 SA	0219 0818 1507 2104	1.4 4.3 1.0 4.3		0043 0718 1255 1942	4.8 0.1 5.2 0.1	30	0555 1210 1844	3.8 1.7 3.7				

APRIL 2023

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	Time	m		Tim	e m		Time	e m		Time	e m		Time	m		Time	m
1 SA	0220 0813 1454 2056	4.0 1.3	6 TH O	0553 1126 1813 2343		11 ™	0206 0851 1437 2114	0.8 4.5	16 su	0207 0802 1451 2051	1.4 4.4 0.9 4.4	21	0616 1156 1838	0.2 5.1 0.2	26	0258 0931 1540 2144	4.3 1.2 4.0 1.6
2 su	0315 0907 1544 2143	4.3	7	0624 1155 1844	4.8	12 w	0258 0942 1537 2208	1.0 4.3	17 M	0309 0900 1548 2143	1.0 4.7 0.5 4.6	22	0018 0654 1234 1912	4.8 0.2 4.9 0.4	27 ™	0359 1024 1653 2241	4.1 1.4 3.8 1.8
3 M	0402 0951 1627 2219	4.4 0.7	8	0011 0655 1226 1916	0.4 4.8	13 ™	0401 1044 1655 2316	1.3 4.0	10	0403 0950 1638 2227	0.7 4.9 0.2 4.8	23	0052 0730 1314 1945	4.8 0.4 4.8 0.7	20	0516 1133 1808	4.0 1.6 3.7
4	0443 1027 1706 2249	4.6 0.5	9 su	0044 0729 1303 1950	4.7 0.4 4.8 0.5	14	0524 1205 1828	1.4	19	0451 1035 1722 2307	0.4 5.1 0.1 4.8	24	0128 0807 1355 2020	4.6 0.6 4.5 1.0	29	0001 0629 1304 1917	1.9 4.0 1.5 3.8
5	0520 1058 1741 2316	0.6 4.7 0.4 4.6	10 _M	0122 0807 1347 2029	4.7 0.6 4.7 0.7	15 SA	0042 0652 1340 1947		20 [™]	0535 1116 1802 2344	0.2 5.1 0.1 4.9	25 _™	0209 0846 1443 2058	4.5 0.9 4.3 1.3	30	0136 0732 1411 2014	1.8 4.1 1.3 4.0

MAY 2023

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Time m	Time m	Time m	Time m	Time m	Time m
M 1501 1.1 SU 2102 4.2	1853 0.5 SA	0516 4.4 1204 1.2 1819 4.1	9 0512 0.5 1059 4.9 F 1734 0.6 • 2323 4.8	25 0232 4.5 0910 1.2 TH 1510 4.1 2117 1.6	31 0228 1.4 0824 4.3 W 1455 1.0 2056 4.3
TU 1546 0.8 2140 4.4	1932 0.7 SU	0030 1.5 0633 4.4 1321 1.0 1929 4.3	0 0554 0.5 1140 4.8 SA 1811 0.7 2357 4.8	26 0327 4.4 0959 1.4 F 1611 4.0 2210 1.8	
W 1626 0.6 2213 4.5			1 0633 0.6 1218 4.7 SU 1845 0.8	27 0430 4.2 1058 1.5 SA 1719 3.9	
4 0443 0.8 1024 4.6 TH 1704 0.5 2244 4.7		0242 1.0 0837 4.7 1520 0.6 2120 4.6	2 0030 4.8 0711 0.7 M 1255 4.6 1919 1.0	28 0537 4.1 1204 1.5 SU 1824 3.9	
5 0520 0.6 1056 4.8 F 1740 0.5 O 2314 4.8	1538 4.3 W 2200 1.4	1609 0.5 2206 4.7	3 0105 4.8 0748 0.9 TU 1335 4.5 1954 1.2	29 0029 1.8 0639 4.1 M 1309 1.3 1922 4.0	
SA 1816 0.5 F	1045 1.1 TH	0426 0.6 1016 4.9 1654 0.5 2246 4.8	4 0146 4.7 0827 1.0 W 1419 4.3 2033 1.4	30 0134 1.6 0735 4.2 TU 1405 1.2 2012 4.2	
		UNE	2023		
Time m	Time m	Time m	Time m	Time m	Time m
	0009 5.1 0704 0.6 1241 4.9 1919 0.8	1146 0.9 1 1755 4.3	6 0403 1.0 0959 4.7 F 1628 1.0 2225 4.7	21 0048 4.9 0736 1.0 W 1317 4.5 1937 1.3	26 1114 1.3 M 1722 4.0) 2329 1.7
2 0949 4.6	0055 5.1 0752 0.6 1332 4.8 2006 1.0	0005 1.4 1 0606 4.6 1251 0.9 1900 4.3	7 0453 0.9 1045 4.6 SA 1711 1.0 2304 4.8	22 0126 4.8 0812 1.1 TH 1356 4.4 2013 1.4	27 0538 4.2 1210 1.3 TU 1821 4.0
3 0447 0.9 1029 4.7 SA 1709 0.7 2249 4.9		1351 0.9		23 0208 4.7 0851 1.1 F 1439 4.3 2052 1.5	28 0030 1.7 0637 4.2 W 1307 1.3 1917 4.1
SU 1752 0.7 F ○ 2328 5.0	2153 1.3 W	1448 0.9 2054 4.5	M 1027 1.2	24 0255 4.6 0933 1.2 SA 1528 4.2 2137 1.6	29 0129 1.6 0733 4.2 TH 1404 1.3 2010 4.3
M 1835 U.8 SA	0347 4.8 1040 0.9 1644 4.4 2258 1.4	0309 1.1 2 0907 4.6 1540 0.9 2143 4.6	0 0012 4.9 0659 1.0 TU 1240 4.5 1902 1.3	25 0345 4.4 1021 1.3 SU 1623 4.1 2230 1.6	30 0227 1.5 0828 4.3 F 1459 1.2 2059 4.5

All times in GMT - Clocks go forward by 1 hour on 26th March. Please add 1 hour to Tide Table times to convert to local times of British Summer Time (BST)

JULY 2023

	Time	m		Time	e m		Time	e m		Time	e m		Time	m		Time	m
1 SA	0325 0920 1552 2145	4.5	7	0134 0836 1417 2047	0.4 4.8		0140 0744 1416 2025	1.3	19	0649 1224 1852	1.0 4.5 1.2	TU	0348 1026 1623 2238	4.1	31	0405 0957 1628 2213	4.7 1.1
_	0421 1009 1644 2229	4.7 1.0	0	0228 0927 1515 2138	0.5 4.6	14	0244 0848 1514 2119	1.4	20 TH		4.5	26	0440 1118 1720 2337	4.1			
J	0515 1057 1734 2313	0.9	9 su	0327 1019 1617 2233	0.7 4.5		0345 0945 1607 2206	1.4	21		4.5	27	0539 1216 1824	1.4			
4	0607 1145 1822 2358	5.0 0.8	10 M	0429 1115 1720 2333	0.8 4.3	16 su	0439 1034 1654 2247	4.4 1.4	SA	0141 0827 1406 2026	1.2	F	0039 0647 1318 1929	4.2 1.5 4.2			
W	0657 1234 1910	5.0 0.8		0534 1214 1824	1.0	17 [™]	0527 1116 1737 2323	4.5 1.3		0220 0902 1447 2103	4.4	29	0146 0756 1423 2030	4.2 1.5			
	0044 0747 1323 1958	5.0	12	0035 0639 1314 1926	4.5 1.2	18 ™	0610 1152 1816 2357	1.3	24 M	0302 0941 1532 2147	4.2	30 su	0256 0900 1528 2124	4.4 1.3			

AUGUST 2023

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	Time	m		Tim	e m		Tim	e m		Time	e m		Time	e m		Time	e m
1 50	0505 1047 1721 2259	0.9 4.9 0.9 5.2	6	0206 0903 1446 2114	5.4 0.3 4.7 0.7	11	0110 0719 1346 1955	1.6 4.1 1.7 4.2	16 *	0552 1133 1801 2337	0.9 4.5 1.1 5.0	22 ™		4.6 0.9 4.4 1.2	27	0117 0738 1358 2008	1.7 4.2 1.7 4.4
2	0558 1135 1811 2344	0.5 5.1 0.7 5.4	7	0259 0948 1540 2202	5.1 0.6 4.5 0.9	12 SA	0226 0830 1453 2056	1.6 4.1 1.7 4.4	17 ™ 18	0629 1202 1836 0007	0.8 4.6 1.0 5.0	23	0303 0944 1532 2159	4.5 1.1 4.3 1.4	28	0243 0849 1513 2107	1.5 4.4 1.4 4.7
3	0647 1221 1858	0.3 5.1 0.6	8 ™ (0357 1036 1639 2254	4.9 0.9 4.3 1.2	13 su	0330 0932 1549 2146	1.4 4.2 1.6 4.6	19	0702 1229 1906 0038 0731	0.7 4.6 1.0 4.9 0.7	24 TH	0352 1033 1626 2256	4.3 1.4 4.1 1.6	29	0355 0946 1614 2158	1.1 4.7 1.1 5.0
4	0029 0734 1307 1944	5.5 0.2 5.1 0.5	9 w	0500 1129 1743 2356	4.6 1.3 4.2 1.4	14 M	0424 1021 1637 2228	1.2 4.4 1.4 4.8	20 20	1258 1932 0110 0758	4.6 1.0 4.9 0.8	25	0452 1133 1735	4.2 1.6 4.1	30	0452 1035 1707 2243	0.6 5.0 0.8 5.3
5	0116 0819 1355 2028	5.5 0.2 4.9 0.6	10 TH	0607 1233 1849	4.3 1.6 4.1	15 TU	0511 1100 1721 2305	1.0 4.5 1.3 4.9	21 _M	1331 1959 0144 0827 1406	4.6 1.0 4.8 0.8 4.5	26	0002 0612 1241 1856	1.7 4.1 1.7 4.1	31 ○	0542 1120 1754 2327	0.3 5.1 0.5 5.5

All times in GMT - Please add 1 hour to Tide Table times to convert to local times of British Summer Time (BST)

SEPTEMBER 2023

	Time	m		Tim	e m		Time	e m		Time	e m		Time	m		Time	m
1	0628 1202 1839	0.0 5.2 0.3	7 тн	0428 1041 1702 2315	4.4 1.5 4.1 1.5	13 w	0444 1037 1657 2241	0.9 4.5 1.1 4.9	19 TU	0110 0755 1329 2006	0.8 4.7	25	0106 0729 1344 1951	1.6 4.2 1.7 4.4	28 TH	0432 1019 1646 2225	0.5 5.0 0.6 5.4
2 SA	0009 0711 1244 1921	5.6 -0.0 5.1 0.3	8	0539 1144 1813	4.1 1.9 4.1	14 TH	0524 1108 1736 2313	0.7 4.6 0.9 4.9	20	0147 0830 1408 2045		26 ™	0236 0837 1459 2050	1.3 4.5 1.4 4.8	29	0519 1101 1731 2307	0.2 5.1 0.4 5.5
3	0054 0752 1327 2003	5.5 0.1 5.0 0.4	9	0042 0655 1319 1924	1.7 3.9 2.0 4.1	15 •	0600 1135 1809 2341	0.6 4.7 0.8 4.9	21 TH	0230 0910 1454 2132	1.2 4.4	27	0340 0932 1556 2140	0.9 4.8 1.0 5.1	30	0603 1141 1814 2349	0.0 5.2 0.2 5.6
4	0140 0831 1412 2044	5.4 0.3 4.8 0.6	10 su	0208 0809 1431 2028	1.7 4.0 1.9 4.3	16 SA	1838	4.7 0.8	22	0322 0959 1549 2229	4.4 1.5 4.2		l times		GMT 1 hour t	to Tide	e
5 ™	0230 0911 1501 2128	5.1 0.6 4.6 0.9	11 _M	0309 0911 1526 2121	1.4 4.2 1.6 4.6	17 su	1904	0.6 4.8 0.8	23	0427 1101 1702	4.1 1.7 4.1	Ta	ble tir	nes t	o conv f British ne (BST	ert to	•
6 ∾ ∢	0325 0953 1557 2216	4.7 1.1 4.3 1.2	12 ™	0400 0959 1614 2204	1.2 4.3 1.4 4.8	18 M	0038 0726 1256 1932		24	0559 1216 1835	4.0						

OCTOBER 2023

	Time	m		Time	e m		Time	e m		Time	e m		Time	m		Time	e m
1	0643 1220 1855	0.0 5.1 0.2	6 (0357 0958 1622 2239	1.7	11 w	0326 0926 1543 2133	1.1 4.4 1.3 4.7	16 M	0625 1157 1836	0.6 4.9 0.8	21	0308 0936 1530 2215	1.6 4.4	26	0315 0912 1531 2118	0.7 4.8 0.9 5.1
2	0030 0721 1258 1935	5.4 0.2 5.0 0.4	7	0511 1057 1738	4.0 2.0 4.1		0409 1005 1625 2211	0.9 4.5 1.1 4.8	17 _™	0009 0655 1226 1909	0.7	SU	0421 1040 1648 2330	1.8 4.3	27	0406 0958 1620 2204	0.4 5.0 0.6 5.3
3	0114 0757 1339 2015	5.2 0.5 4.8 0.6	8 su	0008 0627 1243 1850	1.8 3.9 2.2 4.2	13	0448 1037 1703 2243	0.7 4.7 0.9 4.9	18	0043 0728 1301 1945	4.9 0.8 4.8 0.9	23	0554 1201		28 SA O	0452 1040 1706 2247	
4 w	0202 0833 1423 2056	4.9 0.9 4.6 0.9	9	0140 0738 1402 1954	1.7 3.9 2.0	14 SA	0524 1104 1736 2312	0.6 4.8 0.8 4.9	19 TH	0123 0804 1342 2027	1.0 4.7	24	0101 0714 1328 1929	1.4 4.3 1.7 4.6	SU	0534 1119 1749 2329 0613	5.1 0.4 5.4
5 TH	0254 0913 1516 2142	4.6 1.3 4.4 1.3	10 TU	0238 0838 1456 2048	1.4 4.1 1.7 4.5	15 su	0555 1130 1807 2340	0.6 4.8 0.7 4.9	20	0211 0846 1431 2116	4.6 1.3 4.6 1.3	25	0217 0818 1436 2028	1.1 4.5 1.3 4.9	30 31 TU	1155 1830 0010 0650 1232 1910	5.1 0.4 5.2 0.5 5.0 0.6

All times in GMT - Clocks go back by 1 hour on 29th October at 0200hrs. Changing Local Time from BST to Grenwich Mean Time (GMT).

NOVEMBER 2023

	Time	m		Time	e m		Time	e m		Tim	e m		Time	e m	Time m
1 w	0052 0725 1310 1949	0.8 4.9	7	0052 0656 1316 1911	3.9 2.0	M		8.0	SU		4.7	25	0337 0935 1554 2144	0.8	
_	0137 0801 1352 2030	1.1	8	0154 0755 1415 2006	4.1	14	1812	8.0	20	1635	4.6	26	0424 1019 1643 2230	0.7	
3	0227 0839 1441 2115	1.5 4.6	9	0243 0845 1503 2053	4.3 1.4	15 w	0629 1204 1850	0.8 5.0 0.9	21 ™	0537 1145 1752	4.2 1.7 4.6	27 ^M ○	0507 1058 1728 2314	5.0 0.7	
4 SA	0326 0923 1542 2208	1.8 4.4	10	0326 0926 1545 2134	1.2	16 TH	1243	5.0	22	1301	1.5		0547 1135 1810 2355	0.7	
SU	0436 1018 1656 2321	4.3	11 SA	0406 1000 1624 2209	1.0	٢	2016	1.1	TH	1406 2001	1.3 4.9	29	0624 1211 1851		
O	0549 1140 1808	2.2	12	0444 1030 1701 2241	4.8 0.9	18 SA	0203 0831 1420 2107	4.8		0245 0847 1502 2055	1.0	30	0036 0700 1248 1930	1.1 5.0	

DECEMBER 2023

	Time	m		Time	e m		Time	e m		Time	e m		Time	m		Time	m
1	0118 0735 1328 2010	1.3 4.9	6 w	0558 1159 1815 0046	1.9 4.2	12 ™	1034	4.8 1.0	17 su	0157 0821 1410 2103	4.7 1.1 5.1 0.9	22	0112 0719 1333 1932	1.0 4.3 1.3 4.7	27 ∾	0529 1120 1800 2345	1.1 4.9 0.9 4.7
2 SA	0202 0812 1414 2052	1.5 4.8	<i>т</i> н 8	0658 1309 1913 0143	1.8 4.3 1.4	13 w	0529 1110 1754 2333	5.0 0.9	18 _M	0255 0913 1508 2200	4.6 1.2 5.0 0.9	23		1.0 4.4 1.2 4.7	20	0608 1156 1841	1.2 5.0 0.9
3	0252 0853 1506 2139	1.7 4.6	ە 9	0751 1407 2004 0234 0838	1.6	14 TH	0610 1149 1838	5.1	TU	0359 1012 1613 2303	4.4 1.3 4.8 1.0	24		1.0 4.5 1.1 4.7	29	0022 0645 1231 1919	4.6 1.2 5.0 1.0
4	0350 0942 1606 2236	1.8	10	1456 2051 0320 0919	1.4 4.4 1.1	15	0017 0652 1231 1924	0.9 5.1	20	0508 1118 1722	4.3 1.4 4.7	25	0400 1000 1626 2219	1.0 4.7 1.0 4.7	30	0059 0719 1308 1954	4.5 1.2 4.9 1.0
5 _™	0454 1044 1712 2341	1.9	11 _M	1542 2133 0404 0957 1627 2213	1.0 4.7 1.1	16 SA	0104 0735 1318 2011	4.9 1.0 5.1 0.8	21	0008 0616 1227 1829	1.0 4.3 1.4 4.7	26	0446 1042 1715 2304	1.1 4.8 1.0 4.7	31	0137 0752 1348 2030	4.4 1.3 4.8 1.1

All times in GMT



