

Safety First on Belfast Lough

Welcome to Belfast Harbour

No Unauthorised Entry beyond this point

Recreational Craft Must Contact "Belfast Harbour Radio"
on VHF Channel 12 for traffic clearance to proceed

All users of the Lough are expected to operate in a safe & responsible manner.

Users are required to always comply with international collision regulations.

Users are reminded to check the sailing & arrival times of ferries in the area.

Users are advised to be mindful of the signage around the Lough highlighting the possibility of unexpected wavewash generated by shipping using Belfast Harbour.



WARNING
Beware of unexpected waves and spray
when launching or recovering craft



WARNING
Beware of unexpected waves
and spray



Belfast Harbour

Tide Tables 2016



Welcome to Belfast Harbour

I am pleased to present the 2016 Tide Tables for Belfast Harbour.

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

Belfast Harbour anticipate that in 2016 we will continue to see increasing use of our marina facilities.

May I take this opportunity to draw your attention to the Notice to Mariners No.1 of 2016. Such notice is a summary of all notices in force at the start of 2016 and can be found on our website www.belfast-harbour.co.uk.





I encourage you to visit the website regularly to acquaint yourself with the most up-to-date navigational safety information.

I wish you a safe and enjoyable visit to Belfast Harbour.

A handwritten signature in black ink, reading "K Allen". The signature is stylized and cursive.

Captain K G Allen
Belfast 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 Port of Belfast wear correctly maintained, fit for purpose Lifejackets and Buoyancy Aids at all times when at sea.

On 4th 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 lifejacket 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 (69%), a lifejacket would have had a more positive outcome, either probably or possibly saving a person's life.

(MCA, 2007)



Belfast Harbour radio can be contacted via

Channel 12VHF



Information for Leisure Craft visiting Belfast Harbour

Belfast Harbour Marina located in Abercorn Basin welcomes leisure craft.

This facility consists of 300m of fully serviced recreational pontoons which are available for visiting and seasonal berthing.

The maximum available depth in the Marina is 4m. Vessels greater than 4m draught or 20m length overall wishing to visit Belfast should contact the Harbour Master's Office prior to arrival. For more information on visiting the Marina, including tariffs, please visit the website - www.belfast-harbour.co.uk/port/marina

The following information has been provided for the benefit of recreational users, however current Notice to Mariners and guides should always be consulted on Belfast Harbour's website - www.belfast-harbour.co.uk/port/notice-to-mariners





Belfast Harbour Code of Conduct

1 Conduct of Transits to and from Berths

- 1.1 Vessels transiting to and from berths must do so under power, yachts should have their sails down
- 1.2 No vessels are permitted to be underway inside Harbour Limits during hours of darkness, unless vessels are fitted with the appropriate navigation lights as prescribed by the Collision Regulations
- 1.3 Recreational craft not fitted with operational radar are not normally permitted to make transits of the Inner Harbour or Victoria Channel when visibility is less than 0.5 nautical miles
- 1.4 Leisure craft are not permitted in Herdman Channel, or Musgrave Channel unless navigating to the Connswater
- 1.5 Except where these Guidelines otherwise require; The International Regulations for Prevention of Collision at Sea (Collision Regulations) apply throughout Belfast Harbour Limits. In particular, attention is drawn to Rule 9, narrow channels – vessels should keep as near to the outer limit of the channel or fairway which lies on her starboard side as is safe and practicable
- 1.6 The Master of a leisure craft shall ensure it is manoeuvred in a manner so as not to cause injury, nuisance, excessive wash, damage to property, loss of life, and must keep well clear of vessels fishing, dredging or otherwise working whilst underway
- 1.7 All vessels must be equipped and manned to undertake all transits safely
- 1.8 All vessels should carry Admiralty Chart 1752 or equivalent
- 1.9 All vessels must carry sufficient number and type of lifejackets for those on board
- 1.10 No sightseeing or stopping is permitted during transit
- 1.11 Leisure craft must proceed at a



safe and appropriate speed, and not exceed a maximum speed of 8 knots to South-West of the Twin Beacons unless with prior consent of the Harbour Master

- 1.12 Craft must maintain minimum safe speed when navigating near small craft moorings
- 1.13 The Master of any vessel must comply with any temporary speed restrictions imposed by Port Control.

2 Compliance with Directions

The Master of any vessel shall comply with any direction given to him by the Harbour Master or an officer designated by the Harbour Master to do so on his behalf.

3 Priority of Vessels within Belfast Harbour Limits

- 3.1 Leisure craft shall not impede the passage of any vessel greater than 20m in length navigating within the inner Harbour or Victoria Channel
- 3.2 Leisure craft, which are not confined to the fairway, shall not make use of the fairway so as to obstruct other vessels which can navigate only within the fairway, and when navigating across the Channel or through the inner Harbour shall do so by the shortest route that will avoid such obstruction
- 3.3 Any vessel upon encountering a vessel exhibiting the signals prescribed by the Collision Regulations for vessels constrained by their draught, shall afford such

vessels a minimum distance of 5 cables ahead and 2 cables astern.

4 Carriage of VHF / Mobile Telephone & Communication with Port Control

- 4.1 Belfast Harbour strongly recommend all vessels navigating within Harbour Limits to carry VHF radio. Where carried, VHF radio watch is to be maintained on Ch 12 when within port limits
- 4.2 Where no VHF is carried, a mobile telephone should be used in cases of emergency to contact Port Control
- 4.3 Port Control, callsign "Belfast Harbour Radio", maintains a listening watch at all times on VHF channel 12. Port Control is also contactable in case of emergency by telephone on - 028 9055 3504
- 4.4 Inward vessels must report to Port Control when:
 - Entering the Main Channel, stating location
 - Arriving at their berth
- 4.5 Departing vessels must report to Port Control when:
 - Prior to departing their berth
 - Upon exiting the main channel, stating location
- 4.6 Vessels wishing to cross the Victoria Channel to the South-West of No.2 buoy must contact Port Control
- 4.7 Any emergencies should be communicated firstly to Belfast Coastguard on VHF Ch 16, and to Port Control
- 4.8 Vessels should avoid excessive use of VHF Ch 12 wherever possible.



Belfast Harbour

Tide Tables 2016

5 Age of Master

No person under the age of 16 years shall steer or navigate within the Harbour any power driven vessel unless in possession of an appropriate RYA qualification or accompanied by a person of 18 years or older.

6 Navigation under the influence of Alcohol or Drugs Prohibited

The Master of any vessel shall not move the vessel within Harbour Limits if his ability to do so is impaired by drink or drugs or if the proportion of alcohol in his breath, blood or urine exceeds

- i) In the case of breath, 35 micrograms of alcohol in 100 ml
- ii) In the case of blood, 80 milligrams of alcohol in 100 ml, and
- iii) In the case of urine, 107 milligrams of alcohol in 100 millilitres.

7 Public Landings

The Master of a vessel shall not place his vessel or allow it to be in such a situation as to obstruct or interfere with the access to any recognised landing place or leave it moored alongside any such landing place unattended without the permission of the person in charge of that landing place.

8 Water Sports

Water Skiing, Wind Surfing, Kite Surfing, Jet Skiing, rowing, canoeing or kayaking are not permitted in the Inner Harbour or Victoria Channel

without prior permission from the Harbour Master.

9 Diving / Swimming

- 9.1 No swimming or recreational diving is permitted inside the Inner Harbour or Victoria Channel
- 9.2 Diving elsewhere within Harbour Limits is only permitted with prior consent of the Harbour Master
- 9.3 Those wishing to undertake commercial diving operations should contact Port Operations during office hours.

10 Events

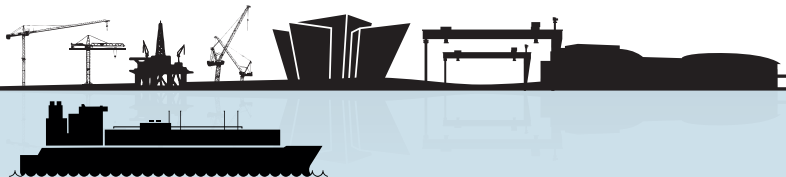
Organisers of water based events anywhere inside Harbour Limits are required to provide a minimum of 14 days notice in writing to the Harbour Master, and provide event plans, risk assessments, and evidence of insurance as appropriate.

11 Rigging to be Secured

Any vessel when moored within Harbour Limits fitted with a mast shall at all times ensure the rigging is secured so that it does not make undue noise.

12 Provision of Proper Fender

The Master and the owner of a vessel shall ensure that she is provided with a sufficient number of fenders of a type that would float in water and a size appropriate to the vessel and, when berthing and leaving or lying at a quay, pontoon, or against other vessels, the Master shall cause the vessel to be fended off from that quay or



Belfast Harbour Code of Conduct (Cont.)

those other vessels so as to prevent damage to that quay, pontoons, those other vessels or any other property.

13 Access Across Decks

The Master of a vessel alongside a quay, pontoon, or alongside any vessel already berthed within the Harbour shall, if required to do so by the Harbour Master or other authorised officer, give free access across the deck of his vessel for persons and goods to and from vessels berthed alongside his decks.

14 Unmooring of Vessels

No person except the Harbour Master or a person acting on behalf of the Harbour Master in pursuance of his duties shall for any purpose whatsoever unmoor or cast off or loose any mooring of any vessel moored within the Harbour without the previous permission of the owner or lawful Master of such a vessel.

15 Vessels not to make fast to Unauthorised Objects

The Master of a vessel shall not knowingly cause or permit any person to secure the vessel to any post, quay, ring, tide board, steps, vertical ladder, fender or any other thing or place not assigned for that purpose.

16 Fishing within Harbour Limits

16.1 No person shall fish or use any fishing apparatus anywhere within the Inner Harbour

16.2 The Master of a vessel shall ensure that no fishing apparatus is placed in or near the Victoria Channel in a manner that could pose a risk of being fouled by any vessel using the Victoria Channel or waters contiguous to it. If the owner of fishing apparatus shall not comply with any direction of the Harbour Master given to remove the apparatus, the Harbour Master may, on giving where reasonably practicable notice, remove such apparatus.

17 Registration & Insurance of Leisure Craft Vessels

17.1 Every vessel must have their name or ID letters conspicuously marked on it

17.2 Every vessel wishing to navigate within the Inner Harbour or use the Leisure Craft Facilities must have appropriate third party marine insurance to cover a minimum of £2 million.

18 Non Displacement Craft

Hovercraft, WIG craft and Seaplanes are not permitted within Harbour Limits without prior permission from the Harbour Master.

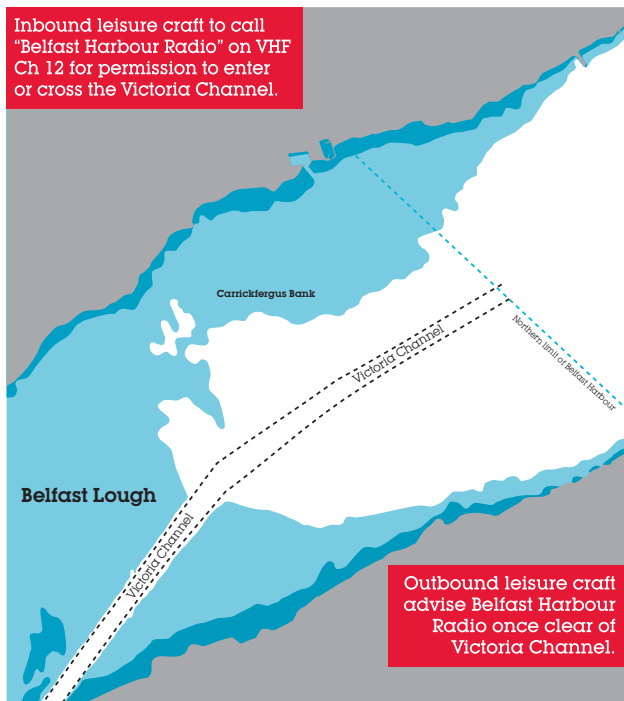
19 Pontoon Access

19.1 The Pontoon should be kept clear of obstructions at all times to maintain a safe means of access.

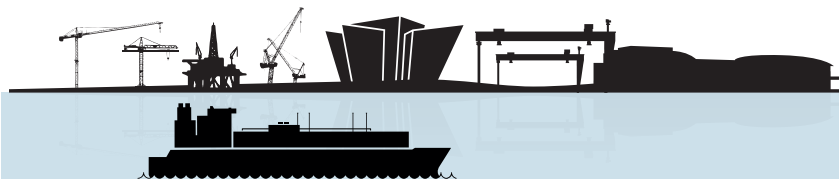


Belfast Harbour

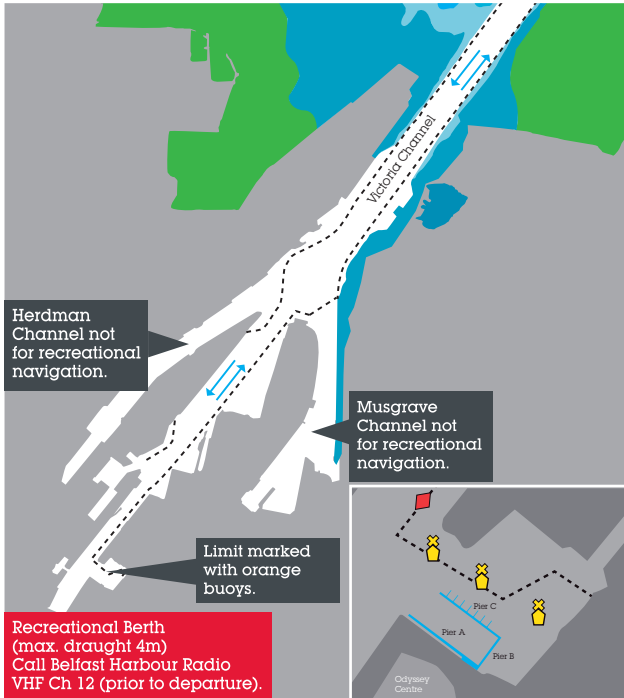
Tide Tables 2016



For guidance only – do not use for navigation



Guidance for recreational users



For guidance only – do not use for navigation



Belfast Harbour

Tide Tables 2016

Emergency Contact Numbers for recreational users

Coastguard

VHF Channel 16

Tel +44 (0)28 9146 3933
or 999

Belfast Harbour Radio

VHF Channel 12

Belfast Harbour Office

Tel +44 (0)28 9055 4422

Port Operations

Tel +44 (0)28 9055 3014

Belfast Harbour Police

Tel +44 (0)28 9055 3000

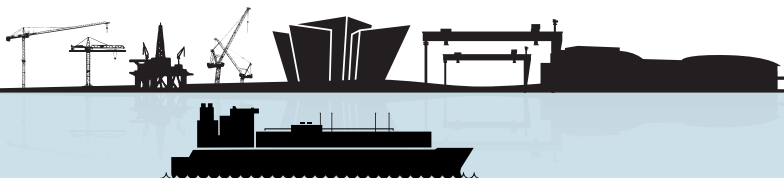
Northern Ireland Fire & Rescue Service

Tel +44 (0)28 9266 4221
or 999

Northern Ireland Ambulance Service

Tel 999

Attention is drawn to the Notices to Mariners on Belfast Harbour's website www.belfast-harbour.co.uk; in particular to Notice to Mariners No.1 of 2016.





Constants

Port	H	M
Ardglass	+0	23
Ayr	+0	56
Ballycastle	-3	20
Bangor	+0	10
Buncrana, Lough Swilly	-5	6
Carlingford Bar	+0	24
Campbeltown	+0	44
Coleraine	-4	3
Corran Narrows	-5	17
Crinan	+5	48
Donaghadee	+0	20
Douglas, IoM	+0	7
Dublin	+0	39
East Tarbert (Lough Fyne)	+0	55
Galway	-6	00
Gigha Sound	+3	31
Heysham	+0	11
Killyleagh, Co. Down	+2	2

Port	H	M
Kyleakin	-4	28
Lamlash	+0	50
Larne	+0	4
Londonderry	-2	53
Mull of Kintyre	-0	24
Newcastle, Dundrum Bay	+0	30
Oban	-5	24
Point of Ayre	+0	3
Portavogie	+0	15
Port Ellen (Islay)	-6	0
Port Patrick	+0	10
Portree	-4	38
Portrush	-4	33
Red Bay	+0	6
Strangford Bar	+0	16
Strangford Quay	+1	52
Tobermory	-5	14
Warrenpoint, Co. Down	+0	30



Belfast Harbour

Tide Tables 2016



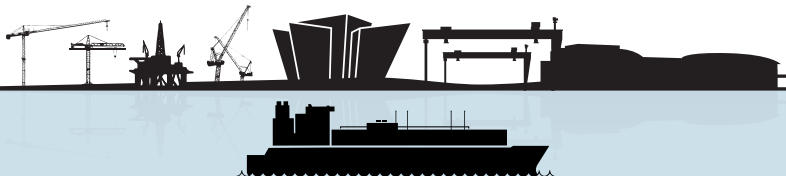
Times & Heights of High & Low Waters

All times are in (GMT) Greenwich Mean Time.

Heights refer to Harbour Datum which is also Admiralty Chart Datum.

Tidal predictions for Belfast have been computed by The United Kingdom Hydrographic Office (copyright reserved).

Phases of the Moon are reproduced, with permission, from data supplied by The United Kingdom Hydrographic Office.





Follow these steps carefully

- The International Regulations for the Prevention of Collision at Sea Rules apply throughout the Lough know them and follow them
- Give early notice of your intentions as ferries approach very quickly
- Check the ferry times in your area
- Watch out for the ferry wash, especially when launching or retrieving boats.

For information on winter and summer berthing, please call **028 9055 3014** or e-mail marina@belfast-harbour.co.uk

Further details are also available on the Belfast Harbour website: belfast-harbour.co.uk/port/marina



Belfast Harbour

Tide Tables 2016

Levels of Tides

Above Harbour Datum

	Feet	Meters
Mean High Water, Spring Tides	11.4	3.5
Mean High Water, Neap Tides	9.7	2.9
Mean Low Water, Spring Tides	1.4	0.4
Mean Low Water, Neap Tides	3.5	1.1

Highest Spring Tide on record

5th January 1991	16.07	4.9
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Average range of tide

(At Spring Tides)	10.0	3.1
(At Neap Tides)	6.2	1.9

Time of High Water at the full and change of the moon, 10h. 35m.

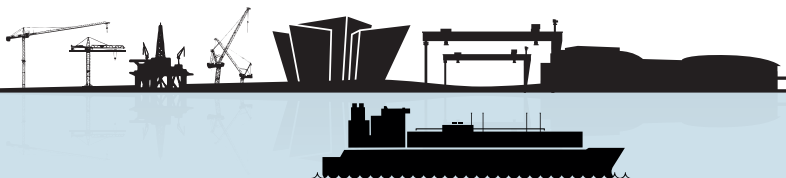
The Tidal current runs at the rate of .33 knot on Spring Tides, and .25 knot on Neap Tides.

Harbour & ordnance datum

Harbour Datum Level of No.2 Clarendon Dry Dock Sill, which is also Admiralty Chart Datum.

Ordnance datum (1958)

6.61 feet (2.0 metres) above Harbour datum.



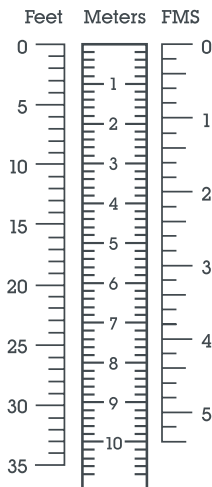
Conversion Table



Care has been taken in compiling the information given, but Belfast Harbour cannot be responsible for any inaccuracy, mis-statement or omission.

Moon symbols used:

- New
- Full



Belfast Harbour

Tide Tables 2016

January 2016

1st Friday	0336 0925 1553 2150	3.1 1.1 3.4 0.9
2nd Saturday	0426 1019 1644 2248	3.0 1.2 3.3 1.0
3rd Sunday	0519 1126 1738 2356	3.0 1.3 3.2 1.1
4th Monday	0616 1238 1836	3.0 1.3 3.1
5th Tuesday	0101 0716 1340 1938	1.1 3.0 1.2 3.1
6th Wednesday	0158 0820 1434 2039	1.0 3.1 1.1 3.2
7th Thursday	0247 0915 1521 2131	0.9 3.2 0.9 3.3

	Time	Metres
8th Friday	0330 0959 1603 2214	0.8 3.4 0.8 3.4
9th Saturday	0411 1037 1643 2251	0.7 3.5 0.7 3.4
10th Sunday	0451 1108 1722 2326	0.7 3.6 0.6 3.4
11th Monday	0530 1141 1802	0.6 3.6 0.5
12th Tuesday	0004 0610 1220 1842	3.5 0.6 3.7 0.4
13th Wednesday	0047 0652 1304 1925	3.4 0.6 3.7 0.4
14th Thursday	0135 0737 1351 2011	3.4 0.6 3.7 0.4
15th Friday	0226 0825 1442 2102	3.4 0.7 3.7 0.5



	Time	Metres
16th Saturday	0320	3.3
	0917	0.7
	1536	3.6
	2159	0.6
17th Sunday	0420	3.2
	1016	0.9
	1637	3.4
	2306	0.7
18th Monday	0526	3.2
	1125	0.9
	1749	3.3
19th Tuesday	0021	0.8
	0640	3.1
	1244	1.0
	1913	3.2
20th Wednesday	0130	0.8
	0751	3.2
	1356	0.9
	2025	3.2
21st Thursday	0232	0.7
	0853	3.3
	1500	0.8
	2125	3.3
22nd Friday	0327	0.7
	0947	3.5
	1554	0.6
	2216	3.4
23rd Saturday	0416	0.6
	1035	3.6
	1641	0.5
	2303	3.4

	Time	Metres
24th Sunday	0459	0.6
	1119	3.7
	1723	0.5
	2346	3.3
25th Monday	0540	0.6
	1200	3.7
	1802	0.5
26th Tuesday	0026	3.3
	0617	0.7
	1239	3.7
27th Wednesday	1837	0.5
	0103	3.2
	0652	0.7
	1317	3.7
28th Thursday	1911	0.6
	0139	3.2
	0726	0.8
	1355	3.6
29th Friday	1945	0.6
	0218	3.2
	0802	0.8
	1435	3.5
30th Saturday	2021	0.7
	0259	3.1
	0842	0.9
	1518	3.4
31st Sunday	2103	0.8
	0345	3.1
	0927	1.0
	1604	3.3
	2149	0.9



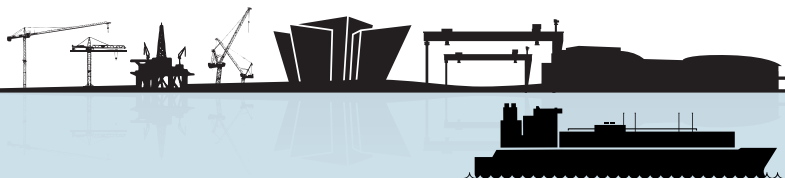
Belfast Harbour

Tide Tables 2016

February 2016

1st Monday	0434 1020 1655 2245	3.0 1.1 3.1 1.0
2nd Tuesday	0529 1131 1752	2.9 1.2 3.0
3rd Wednesday	0001 0627 1258 1854	1.1 2.9 1.2 2.9
4th Thursday	0121 0731 1403 1958	1.1 2.9 1.1 3.0
5th Friday	0219 0835 1456 2100	1.0 3.1 0.9 3.1
6th Saturday	0309 0928 1542 2148	0.8 3.2 0.7 3.2
7th Sunday	0352 1008 1624 2228	0.7 3.4 0.5 3.3

	Time	Metres
8th Monday	0433 1044 1704 2306	0.5 3.5 0.3 3.4
9th Tuesday	0512 1121 1743 2346	0.5 3.6 0.3 3.4
10th Wednesday	0552 1203 1824	0.4 3.7 0.2
11th Thursday	0030 0633 1249 1906	3.4 0.4 3.7 0.2
12th Friday	0118 0718 1337 1951	3.4 0.4 3.7 0.3
13th Saturday	0208 0804 1427 2040	3.4 0.4 3.7 0.4
14th Sunday	0300 0855 1520 2134	3.3 0.5 3.5 0.5
15th Monday	0356 0952 1619 2240	3.2 0.7 3.4 0.7



	Time	Metres
16th Tuesday	0458	3.1
	1102	0.8
	1730	3.2
	2359	0.9
17th Wednesday	0613	3.1
	1226	0.9
	1859	3.0
18th Thursday	0113	0.9
	0733	3.1
	1343	0.8
	2015	3.0
19th Friday	0219	0.8
	0839	3.2
	1451	0.7
	2115	3.1
20th Saturday	0318	0.7
	0933	3.4
	1547	0.6
	2205	3.2
21st Sunday	0406	0.7
	1020	3.5
	1631	0.5
	2249	3.2
22nd Monday	0447	0.6
	1103	3.6
	1707	0.4
	2330	3.2
23rd Tuesday	0522	0.6
	1142	3.6
	1740	0.4

	Time	Metres
24th Wednesday	0006	3.2
	0555	0.6
	1218	3.6
	1811	0.5
25th Thursday	0039	3.2
	0626	0.6
	1252	3.5
	1841	0.5
26th Friday	0110	3.2
	0656	0.6
	1326	3.5
	1912	0.5
27th Saturday	0143	3.2
	0729	0.6
	1403	3.4
	1946	0.6
28th Sunday	0220	3.2
	0806	0.7
	1440	3.4
	2024	0.6
29th Monday	0258	3.1
	0848	0.8
	1521	3.2
	2107	0.8



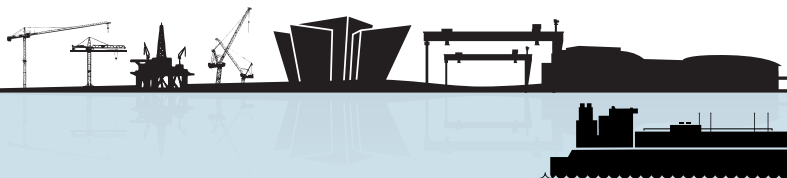
Belfast Harbour

Tide Tables 2016

March 2016

1st Tuesday	0341 0935 1610 2157	3.0 0.9 3.1 0.9
2nd Wednesday	0435 1034 1710 2259	2.9 1.1 2.9 1.1
3rd Thursday	0539 1213 1815	2.8 1.2 2.8
4th Friday	0039 0645 1333 1921	1.1 2.8 1.0 2.9
5th Saturday	0152 0751 1430 2025	1.0 2.9 0.8 3.0
6th Sunday	0245 0850 1518 2118	0.8 3.1 0.5 3.2
7th Monday	0331 0936 1601 2202	0.6 3.3 0.3 3.3

	Time	Metres
8th Tuesday	0412 1018 1642 2243	0.5 3.5 0.2 3.4
9th Wednesday	0451 1100 1721 2327	0.3 3.6 0.1 3.5
10th Thursday	0531 1145 1801	0.3 3.7 0.1
11th Friday	0012 0612 1233 1843	3.5 0.2 3.7 0.1
12th Saturday	0101 0657 1324 1929	3.5 0.2 3.7 0.2
13th Sunday	0151 0744 1415 2018	3.5 0.3 3.6 0.3
14th Monday	0242 0835 1509 2112	3.4 0.4 3.5 0.5
15th Tuesday	0334 0932 1606 2217	3.3 0.5 3.3 0.8



Clocks go forward by 1 hour on the 27th March 2016 at 01:00hrs. Changing Local Time (LT) from Greenwich Mean Time (GMT) to British Summer Time (BST). Please add 1 hour to Tide Table times to convert to Local Time of British Summer Time.

	Time	Metres		Time	Metres
16th Wednesday	0433 1043 1716 2338	3.2 0.7 3.0 0.9	24th Thursday	0531 1153 1743	0.6 3.4 0.5
17th Thursday	0545 1210 1846	3.0 0.8 2.9	25th Friday	0012 0600 1225 1811	3.2 0.6 3.4 0.5
18th Friday	0053 0710 1327 2000	1.0 3.0 0.8 2.9	26th Saturday	0039 0629 1256 1842	3.2 0.6 3.4 0.5
19th Saturday	0203 0818 1436 2058	0.9 3.1 0.7 3.0	27th Sunday	0108 0701 1329 1915	3.2 0.6 3.4 0.6
20th Sunday	0303 0913 1532 2147	0.8 3.3 0.5 3.1	28th Monday	0140 0737 1404 1952	3.2 0.6 3.3 0.6
21st Monday	0352 0959 1613 2229	0.7 3.4 0.5 3.2	29th Tuesday	0214 0816 1443 2034	3.2 0.7 3.2 0.7
22nd Tuesday	0430 1041 1645 2307	0.6 3.5 0.4 3.2	30th Wednesday	0253 0901 1531 2121	3.1 0.8 3.1 0.9
23rd Wednesday ○	0501 1119 1714 2342	0.6 3.5 0.5 3.2	31st Thursday ☾	0341 0955 1632 2219	3.0 0.9 2.9 1.1



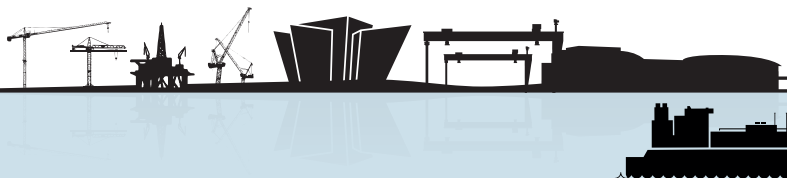
Belfast Harbour

Tide Tables 2016

April 2016

1st Friday	0447 1110 1741 2334	2.9 1.0 2.8 1.1
2nd Saturday	0602 1259 1848	2.8 0.9 2.9
3rd Sunday	0117 0711 1400 1952	1.1 2.9 0.7 3.0
4th Monday	0217 0813 1451 2048	0.9 3.1 0.4 3.2
5th Tuesday	0305 0906 1535 2135	0.6 3.3 0.2 3.4
6th Wednesday	0348 0953 1616 2221	0.4 3.5 0.1 3.5
7th Thursday	0428 1039 1656 2306	0.3 3.7 0.0 3.6

	Time	Metres
8th Friday	0509 1127 1738 2354	0.2 3.7 0.0 3.6
9th Saturday	0552 1217 1822	0.2 3.7 0.1
10th Sunday	0043 0637 1309 1908	3.6 0.2 3.7 0.2
11th Monday	0134 0726 1402 1958	3.6 0.2 3.6 0.4
12th Tuesday	0224 0817 1455 2052	3.5 0.3 3.4 0.6
13th Wednesday	0315 0915 1552 2157	3.4 0.5 3.2 0.8
14th Thursday	0410 1026 1700 2313	3.3 0.6 3.0 1.0
15th Friday	0515 1148 1826	3.1 0.7 2.9



Please add 1 hour to Tide Table times to convert to Local Time of BST.

	Time	Metres		Time	Metres
16th Saturday	0026	1.0	24th Sunday	0010	3.3
	0638	3.0		0606	0.6
	1301	0.7		1225	3.3
	1937	2.9		1815	0.6
17th Sunday	0134	1.0	25th Monday	0038	3.3
	0749	3.1		0638	0.6
	1407	0.7		1257	3.3
	2034	3.0		1849	0.6
18th Monday	0236	0.9	26th Tuesday	0109	3.3
	0845	3.2		0713	0.6
	1501	0.6		1333	3.3
	2121	3.1		1927	0.7
19th Tuesday	0326	0.8	27th Wednesday	0145	3.3
	0932	3.3		0752	0.6
	1542	0.5		1415	3.2
	2203	3.1		2009	0.7
20th Wednesday	0405	0.7	28th Thursday	0225	3.3
	1014	3.4		0837	0.7
	1614	0.5		1504	3.1
	2240	3.2		2056	0.9
21st Thursday	0437	0.6	29th Friday	0312	3.2
	1051	3.4		0929	0.8
	1644	0.5		1603	3.0
	2314	3.2		2152	1.0
22nd Friday	0506	0.6	30th Saturday	0410	3.0
	1125	3.4		1036	0.9
	1714	0.6		1710	2.9
	2344	3.2		2258	1.1
23rd Saturday	0536	0.6			
	1155	3.3			
	1744	0.6			



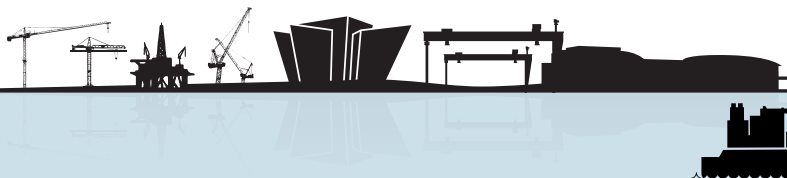
Belfast Harbour

Tide Tables 2016

May 2016

1st Sunday	0521 1213 1818	3.0 0.8 2.9
2nd Monday	0022 0634 1324 1921	1.1 3.0 0.6 3.1
3rd Tuesday	0138 0740 1419 2019	0.9 3.2 0.4 3.2
4th Wednesday	0233 0839 1506 2110	0.7 3.4 0.2 3.4
5th Thursday	0321 0931 1550 2159	0.5 3.5 0.1 3.5
6th Friday	0406 1020 1633 2247	0.4 3.7 0.1 3.6
7th Saturday	0450 1110 1717 2336	0.3 3.7 0.1 3.7

	Time	Metres
8th Sunday	0535 1201 1803	0.2 3.7 0.2
9th Monday	0025 0622 1253 1851	3.7 0.2 3.6 0.4
10th Tuesday	0116 0711 1346 1941	3.7 0.2 3.5 0.5
11th Wednesday	0205 0803 1439 2036	3.6 0.3 3.3 0.7
12th Thursday	0254 0859 1534 2136	3.5 0.5 3.2 0.9
13th Friday	0345 1005 1635 2244	3.4 0.6 3.0 1.0
14th Saturday	0442 1117 1750 2351	3.2 0.7 2.9 1.1
15th Sunday	0549 1224 1902	3.1 0.7 2.9



Please add 1 hour to Tide Table times to convert to Local Time of BST.

	Time	Metres		Time	Metres
16th Monday	0054	1.1	24th Tuesday	0011	3.4
	0706	3.1		0621	0.6
	1325	0.7		1230	3.3
	2000	2.9		1829	0.7
17th Tuesday	0154	1.0	25th Wednesday	0044	3.4
	0808	3.1		0657	0.6
	1419	0.7		1308	3.3
	2048	3.0		1908	0.7
18th Wednesday	0248	0.9	26th Thursday	0122	3.4
	0858	3.2		0736	0.6
	1503	0.7		1352	3.2
	2131	3.1		1950	0.8
19th Thursday	0332	0.8	27th Friday	0204	3.4
	0942	3.3		0819	0.6
	1540	0.6		1441	3.2
	2209	3.2		2038	0.8
20th Friday	0409	0.7	28th Saturday	0252	3.3
	1020	3.3		0911	0.7
	1613	0.6		1538	3.1
	2243	3.3		2131	0.9
21st Saturday	0441	0.7	29th Sunday	0346	3.2
	1056	3.3		1011	0.7
	1646	0.6		1641	3.0
	2316	3.3		2232	1.0
22nd Sunday	0513	0.7	30th Monday	0448	3.2
	1128	3.3		1125	0.7
	1719	0.6		1748	3.0
	2345	3.4		2340	1.0
23rd Monday	0547	0.6	31st Tuesday	0559	3.2
	1158	3.3		1243	0.6
	1754	0.7		1852	3.1



Belfast Harbour

Tide Tables 2016

June 2016

1st Wednesday	0054	0.9
	0710	3.3
	1345	0.5
	1952	3.2
2nd Thursday	0201	0.8
	0815	3.4
	1438	0.4
	2048	3.4
3rd Friday	0257	0.6
	0912	3.5
	1528	0.3
	2140	3.5
4th Saturday	0349	0.4
	1005	3.6
	1615	0.3
	2230	3.6
5th Sunday	0437	0.3
	1056	3.6
	1701	0.3
	2319	3.7
6th Monday	0524	0.3
	1146	3.6
	1749	0.4
7th Tuesday	0008	3.7
	0611	0.3
	1237	3.5
	1836	0.5

	Time	Metres
8th Wednesday	0057	3.7
	0659	0.3
	1328	3.4
	1926	0.6
9th Thursday	0144	3.7
	0747	0.4
	1418	3.3
	2017	0.7
10th Friday	0231	3.6
	0838	0.5
	1508	3.1
	2110	0.9
11th Saturday	0319	3.5
	0933	0.6
	1600	3.0
	2207	1.0
12th Sunday	0408	3.4
	1036	0.7
	1656	2.9
	2308	1.1
13th Monday	0502	3.2
	1139	0.8
	1756	2.9
14th Tuesday	0009	1.1
	0600	3.1
	1239	0.8
	1902	2.9
15th Wednesday	0108	1.1
	0706	3.1
	1334	0.8
	2001	3.0



Please add 1 hour to Tide Table times to convert to Local Time of BST.

	Time	Metres		Time	Metres
16th Thursday	0205	1.0	24th Friday	0101	3.5
	0811	3.1		0722	0.5
	1422	0.8		1330	3.3
	2051	3.1		1935	0.7
17th Friday	0255	0.9	25th Saturday	0145	3.5
	0904	3.1		0805	0.5
	1505	0.8		1419	3.2
	2134	3.2		2021	0.7
18th Saturday	0339	0.8	26th Sunday	0232	3.5
	0948	3.2		0853	0.5
	1544	0.7		1513	3.2
	2213	3.3		2111	0.8
19th Sunday	0416	0.7	27th Monday	0324	3.4
	1028	3.3		0948	0.6
	1620	0.7		1612	3.1
	2249	3.3		2207	0.8
20th Monday	0452	0.7	28th Tuesday	0421	3.3
	1103	3.3		1053	0.6
	1657	0.7		1716	3.1
	2321	3.4		2310	0.9
21st Tuesday	0528	0.6	29th Wednesday	0527	3.3
	1134	3.3		1206	0.6
	1734	0.7		1822	3.1
	2347	3.4			
22nd Wednesday	0605	0.6	30th Thursday	0021	0.9
	1206	3.3		0641	3.3
	1813	0.7		1316	0.6
				1927	3.2
23rd Thursday	0020	3.5			
	0642	0.5			
	1245	3.3			
	1852	0.7			



Belfast Harbour

Tide Tables 2016

July 2016

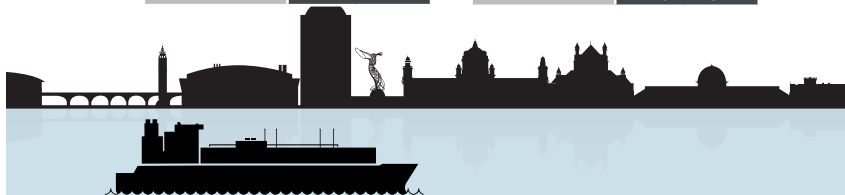
1st Friday	0135	0.8
	0755	3.3
	1417	0.5
	2029	3.3
2nd Saturday	0240	0.7
	0859	3.4
	1511	0.5
	2125	3.5
3rd Sunday	0337	0.5
	0955	3.4
	1602	0.4
	2217	3.6
4th Monday	0428	0.4
	1046	3.5
	1650	0.5
	2305	3.7
5th Tuesday	0516	0.3
	1134	3.4
	1736	0.5
	2352	3.7
6th Wednesday	0601	0.3
	1221	3.4
	1822	0.6
	0038	3.7
7th Thursday	0644	0.4
	1308	3.3
	1906	0.7

	Time	Metres
8th Friday	0122	3.7
	0727	0.4
	1353	3.2
	1950	0.8
9th Saturday	0206	3.6
	0808	0.5
	1437	3.1
	2034	0.8
10th Sunday	0250	3.5
	0851	0.6
	1523	3.1
	2119	0.9
11th Monday	0335	3.4
	0937	0.7
	1610	3.0
	2209	1.0
12th Tuesday	0423	3.3
	1032	0.9
	1700	2.9
	2310	1.1
13th Wednesday	0515	3.1
	1138	0.9
	1753	2.9
	0017	1.1
14th Thursday	0611	3.0
	1244	1.0
	1851	2.9
	0121	1.1
15th Friday	0713	3.0
	1341	1.0
	1953	3.0



Please add 1 hour to Tide Table times to convert to Local Time of BST.

	Time	Metres		Time	Metres
16th Saturday	0218	1.0	24th Sunday	0124	3.6
	0819	3.0		0746	0.4
	1432	0.9		1357	3.3
	2054	3.1		2000	0.6
17th Sunday	0308	0.9	25th Monday	0212	3.6
	0916	3.1		0832	0.4
	1516	0.8		1449	3.3
	2142	3.2		2049	0.6
18th Monday	0351	0.8	26th Tuesday	0303	3.5
	1002	3.2		0924	0.5
	1557	0.7		1546	3.2
	2221	3.3		2143	0.7
19th Tuesday	0431	0.6	27th Wednesday	0359	3.4
	1039	3.3		1024	0.6
	1636	0.6		1647	3.2
	2253	3.4		2244	0.8
20th Wednesday	0509	0.5	28th Thursday	0502	3.3
	1111	3.3		1137	0.7
	1715	0.6		1754	3.1
	2322	3.5		2358	0.9
21st Thursday	0546	0.5	29th Friday	0620	3.2
	1144	3.3		1255	0.7
	1754	0.6		1907	3.2
	2357	3.5			
22nd Friday	0625	0.4	30th Saturday	0119	0.9
	1223	3.3		0744	3.1
	1834	0.6		1401	0.7
				2016	3.3
23rd Saturday	0038	3.6	31st Sunday	0229	0.7
	0704	0.4		0853	3.2
	1308	3.3		1459	0.6
	1915	0.6		2115	3.4



Belfast Harbour

Tide Tables 2016

August 2016

1st Monday	0329 0949 1551 2206	0.6 3.3 0.6 3.5
2nd Tuesday	0420 1038 1638 2253	0.5 3.3 0.6 3.6
3rd Wednesday	0505 1123 1722 2336	0.4 3.3 0.6 3.7
4th Thursday	0546 1205 1803	0.4 3.3 0.6
5th Friday	0018 0624 1246 1840	3.7 0.4 3.2 0.7
6th Saturday	0058 0658 1324 1916	3.6 0.5 3.2 0.7
7th Sunday	0138 0732 1404 1952	3.6 0.5 3.1 0.8

	Time	Metres
8th Monday	0218 0807 1445 2030	3.5 0.6 3.1 0.8
9th Tuesday	0300 0846 1529 2113	3.4 0.7 3.1 0.9
10th Wednesday	0345 0930 1617 2203	3.3 0.8 3.0 1.1
11th Thursday	0434 1023 1709 2309	3.1 1.0 3.0 1.2
12th Friday	0529 1134 1805	3.0 1.1 2.9
13th Saturday	0037 0630 1300 1905	1.2 2.9 1.1 2.9
14th Sunday	0144 0735 1401 2009	1.1 2.9 1.0 3.0
15th Monday	0239 0842 1451 2106	0.9 3.0 0.9 3.2



Please add 1 hour to Tide Table times to convert to Local Time of BST.

	Time	Metres		Time	Metres
16th Tuesday	0326	0.7	24th Wednesday	0245	3.6
	0934	3.2		0859	0.5
	1534	0.7		1523	3.3
	2149	3.3		2120	0.7
17th Wednesday	0408	0.5	25th Thursday	0341	3.4
	1013	3.3		0958	0.7
	1614	0.6		1623	3.2
	2223	3.5		2222	0.8
18th Thursday	0446	0.4	26th Friday	0446	3.2
	1047	3.4		1114	0.9
	1653	0.6		1731	3.1
	2256	3.6		2343	0.9
19th Friday	0524	0.3	27th Saturday	0609	3.0
	1122	3.4		1239	0.9
	1731	0.5		1851	3.1
	2334	3.6			
20th Saturday	0602	0.3	28th Sunday	0109	0.9
	1202	3.4		0738	3.0
	1810	0.5		1349	0.9
				2004	3.2
21st Sunday	0017	3.7	29th Monday	0221	0.8
	0641	0.2		0846	3.1
	1248	3.4		1450	0.8
	1852	0.5		2103	3.4
22nd Monday	0104	3.7	30th Tuesday	0322	0.6
	0723	0.3		0940	3.2
	1336	3.4		1542	0.7
	1937	0.5		2153	3.5
23rd Tuesday	0153	3.7	31st Wednesday	0411	0.5
	0808	0.4		1026	3.3
	1428	3.4		1626	0.7
	2026	0.6		2238	3.6



Belfast Harbour

Tide Tables 2016

September 2016

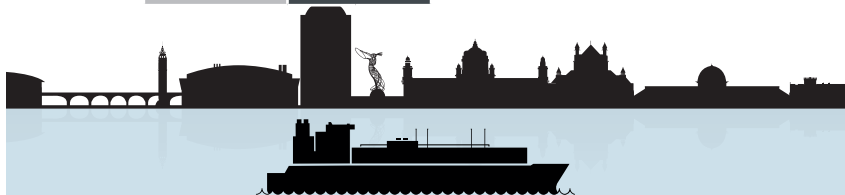
1st Thursday	0451 1108 1705 2318	0.4 3.3 0.7 3.6
2nd Friday	0526 1146 1740 2356	0.4 3.2 0.7 3.6
3rd Saturday	0557 1221 1812	0.5 3.2 0.7
4th Sunday	0032 0626 1254 1842	3.6 0.6 3.2 0.7
5th Monday	0108 0656 1328 1914	3.5 0.6 3.2 0.8
6th Tuesday	0145 0728 1406 1950	3.5 0.6 3.2 0.8
7th Wednesday	0224 0805 1447 2031	3.4 0.7 3.2 0.9

	Time	Metres
8th Thursday	0305 0847 1532 2117	3.3 0.8 3.1 1.0
9th Friday	0352 0934 1623 2213	3.1 1.0 3.0 1.1
10th Saturday	0449 1033 1722 2342	3.0 1.2 2.9 1.2
11th Sunday	0552 1205 1824	2.9 1.3 2.9
12th Monday	0111 0658 1330 1927	1.1 2.9 1.2 3.0
13th Tuesday	0210 0804 1424 2026	0.9 3.0 1.0 3.2
14th Wednesday	0259 0900 1510 2113	0.7 3.2 0.8 3.4
15th Thursday	0342 0943 1550 2153	0.5 3.3 0.6 3.5



Please add 1 hour to Tide Table times to convert to Local Time of BST.

	Time	Metres		Time	Metres
16th Friday	0421	0.3	24th Saturday	0437	3.2
	1022	3.5		1055	1.0
	1628	0.5		1711	3.2
	2232	3.7		2331	0.9
17th Saturday	0458	0.2	25th Sunday	0603	3.0
	1101	3.5		1222	1.1
	1706	0.5		1832	3.2
	2314	3.7			
18th Sunday	0536	0.2	26th Monday	0056	0.9
	1143	3.6		0728	3.0
	1746	0.4		1335	1.1
	2359	3.8		1946	3.3
19th Monday	0616	0.2	27th Tuesday	0209	0.8
	1229	3.6		0832	3.1
	1829	0.4		1438	1.0
				2045	3.4
20th Tuesday	0048	3.8	28th Wednesday	0310	0.6
	0659	0.3		0923	3.2
	1319	3.6		1530	0.8
	1915	0.4		2134	3.5
21st Wednesday	0140	3.7	29th Thursday	0356	0.6
	0746	0.4		1007	3.3
	1410	3.5		1611	0.8
	2005	0.5		2217	3.6
22nd Thursday	0233	3.6	30th Friday	0431	0.5
	0837	0.6		1047	3.3
	1504	3.4		1645	0.7
	2100	0.6		2257	3.6
23rd Friday	0331	3.4			
	0936	0.8			
	1603	3.3			
	2205	0.8			



Belfast Harbour

Tide Tables 2016

October 2016

1st Saturday	0459 1123 1715 2333	0.6 3.3 0.7 3.6
2nd Sunday	0527 1155 1744	0.6 3.3 0.8
3rd Monday	0005 0554 1224 1812	3.5 0.7 3.3 0.8
4th Tuesday	0037 0623 1254 1844	3.5 0.7 3.4 0.8
5th Wednesday	0111 0656 1328 1919	3.5 0.7 3.4 0.8
6th Thursday	0148 0732 1404 1958	3.4 0.8 3.4 0.9
7th Friday	0227 0813 1443 2043	3.3 0.9 3.3 1.0

	Time	Metres
8th Saturday	0312 0859 1530 2135	3.2 1.0 3.2 1.1
9th Sunday	0410 0954 1633 2243	3.0 1.2 3.0 1.2
10th Monday	0517 1104 1742	2.9 1.3 3.0
11th Tuesday	0032 0624 1249 1847	1.2 2.9 1.3 3.0
12th Wednesday	0136 0729 1352 1948	1.0 3.0 1.1 3.2
13th Thursday	0228 0826 1441 2041	0.7 3.2 0.9 3.4
14th Friday	0312 0914 1523 2127	0.5 3.4 0.7 3.6
15th Saturday	0352 0957 1602 2211	0.3 3.6 0.5 3.7



Clocks go back by 1 hour on the 30th October 2016 at 02:00hrs. Changing Local Time (LT) from British Summer Time (BST) to Greenwich Mean Time (GMT).

	Time	Metres		Time	Metres
16th Sunday ○	0431 1040 1641 2257	0.2 3.7 0.4 3.8	24th Monday	0548 1158 1806	3.0 1.2 3.3
17th Monday	0510 1125 1723 2345	0.2 3.7 0.4 3.8	25th Tuesday	0033 0707 1309 1919	0.9 3.0 1.2 3.3
18th Tuesday	0552 1213 1808	0.3 3.7 0.4	26th Wednesday	0143 0809 1413 2019	0.8 3.1 1.1 3.4
19th Wednesday	0036 0637 1303 1856	3.8 0.4 3.7 0.4	27th Thursday	0243 0859 1507 2109	0.8 3.2 1.0 3.5
20th Thursday	0130 0726 1355 1947	3.7 0.5 3.7 0.5	28th Friday	0328 0943 1548 2153	0.7 3.3 0.9 3.5
21st Friday	0224 0819 1448 2044	3.6 0.7 3.6 0.6	29th Saturday	0401 1022 1622 2233	0.7 3.4 0.8 3.5
22nd Saturday ◐	0322 0919 1544 2150	3.4 1.0 3.5 0.8	30th Sunday ●	0429 1058 1651 2308	0.7 3.4 0.8 3.5
23rd Sunday	0427 1035 1649 2314	3.2 1.1 3.3 0.9	31st Monday	0458 1129 1720 2340	0.7 3.4 0.8 3.5



Belfast Harbour

Tide Tables 2016

November 2016

1st Tuesday	0527 1157 1750	0.8 3.5 0.8
2nd Wednesday	0010 0557 1225 1821	3.5 0.8 3.5 0.8
3rd Thursday	0043 0630 1257 1856	3.5 0.8 3.5 0.8
4th Friday	0118 0707 1331 1934	3.4 0.8 3.5 0.8
5th Saturday	0157 0747 1409 2017	3.3 0.9 3.4 0.9
6th Sunday	0242 0833 1453 2107	3.2 1.0 3.3 1.0
7th Monday	0337 0926 1548 2208	3.1 1.2 3.2 1.1

	Time	Metres
8th Tuesday	0443 1029 1656 2328	3.0 1.3 3.1 1.1
9th Wednesday	0551 1145 1807	3.0 1.3 3.2
10th Thursday	0052 0655 1306 1912	1.0 3.1 1.2 3.3
11th Friday	0151 0754 1404 2011	0.7 3.3 1.0 3.5
12th Saturday	0239 0846 1453 2103	0.6 3.5 0.8 3.6
13th Sunday	0323 0934 1538 2153	0.4 3.6 0.6 3.8
14th Monday	0406 1021 1622 2242	0.3 3.8 0.5 3.8
15th Tuesday	0449 1109 1707 2332	0.3 3.8 0.4 3.8



	Time	Metres
16th Wednesday	0534	0.4
	1158	3.9
	1754	0.4
17th Thursday	0024	3.8
	0621	0.5
	1249	3.9
	1842	0.4
18th Friday	0118	3.7
	0711	0.7
	1339	3.8
	1934	0.5
19th Saturday	0212	3.5
	0804	0.8
	1431	3.7
	2029	0.6
20th Sunday	0308	3.4
	0902	1.0
	1524	3.6
	2132	0.7
21st Monday	0408	3.2
	1010	1.2
	1621	3.5
	2245	0.9
22nd Tuesday	0519	3.0
	1123	1.2
	1727	3.3
	2357	0.9
23rd Wednesday	0633	3.0
	1230	1.2
	1840	3.3

	Time	Metres
24th Thursday	0101	0.9
	0735	3.1
	1333	1.2
	1944	3.3
25th Friday	0159	0.9
	0828	3.2
	1429	1.1
	2038	3.4
26th Saturday	0248	0.9
	0914	3.3
	1517	1.0
	2125	3.4
27th Sunday	0326	0.8
	0955	3.4
	1555	0.9
	2206	3.5
28th Monday	0400	0.8
	1032	3.4
	1628	0.9
	2244	3.5
29th Tuesday	0432	0.8
	1106	3.5
	1700	0.8
	2318	3.5
30th Wednesday	0504	0.8
	1137	3.5
	1732	0.8
	2349	3.4



Belfast Harbour

Tide Tables 2016

December 2016

1st Thursday	0538 1205 1806	0.8 3.6 0.8
2nd Friday	0019 0612 1233 1841	3.4 0.8 3.6 0.8
3rd Saturday	0053 0649 1307 1918	3.4 0.9 3.6 0.8
4th Sunday	0132 0729 1346 2000	3.4 0.9 3.5 0.8
5th Monday	0217 0813 1430 2046	3.3 1.0 3.5 0.9
6th Tuesday	0308 0903 1519 2141	3.2 1.1 3.4 0.9
7th Wednesday	0407 1000 1617 2245	3.1 1.1 3.3 0.9

	Time	Metres
8th Thursday	0513 1104 1724 2359	3.1 1.2 3.3 0.9
9th Friday	0620 1215 1835	3.2 1.1 3.3
10th Saturday	0109 0722 1326 1942	0.8 3.3 1.0 3.4
11th Sunday	0208 0821 1426 2043	0.6 3.4 0.8 3.6
12th Monday	0300 0914 1520 2138	0.5 3.6 0.7 3.7
13th Tuesday	0348 1005 1609 2230	0.5 3.7 0.5 3.7
14th Wednesday	0435 1055 1657 2321	0.5 3.8 0.4 3.7
15th Thursday	0522 1144 1745	0.5 3.9 0.4



	Time	Metres
16th Friday	0012	3.7
	0609	0.6
	1234	3.9
	1833	0.4
17th Saturday	0104	3.6
	0658	0.7
	1323	3.9
	1922	0.4
18th Sunday	0155	3.5
	0748	0.8
	1411	3.8
	2013	0.5
19th Monday	0247	3.3
	0840	0.9
	1500	3.7
	2107	0.7
20th Tuesday	0340	3.2
	0937	1.1
	1550	3.6
	2207	0.8
21st Wednesday	0435	3.1
	1040	1.2
	1644	3.4
	2311	0.9
22nd Thursday	0536	3.0
	1144	1.2
	1742	3.3
23rd Friday	0014	1.0
	0643	3.0
	1246	1.2
	1848	3.2

	Time	Metres
24th Saturday	0112	1.0
	0747	3.0
	1345	1.2
	1956	3.2
25th Sunday	0205	1.0
	0841	3.1
	1440	1.1
	2053	3.2
26th Monday	0252	0.9
	0927	3.3
	1526	1.0
	2140	3.3
27th Tuesday	0332	0.9
	1008	3.4
	1606	0.9
	2221	3.4
28th Wednesday	0409	0.8
	1045	3.5
	1641	0.8
	2259	3.4
29th Thursday	0445	0.8
	1120	3.5
	1716	0.7
	2333	3.4
30th Friday	0521	0.8
	1149	3.6
	1751	0.7
31st Saturday	0001	3.4
	0557	0.8
	1213	3.6
	1827	0.7



Belfast Harbour

Tide Tables 2016

Contact Numbers



Belfast Harbour

Harbour Office

Tel: 028 9055 4422

Port Operations

Tel: 028 9055 3014

Port Control

VHF Channel 12 

Harbour Police

Tel: 028 9055 3000

River Lagan (DSD)

River Manager

Tel: 028 9027 7642

Weir Control / River Warden

Tel: 028 9031 5304

Weir Control

VHF Channel 71 
Callsign "Lagan Weir"

