

BelfastHarbour
Tide Tables 2020



Safety First on **Belfast Lough**

Welcome to **Belfast Harbour**

Recreational Craft Must Contact "Belfast Harbour Radio" on VHF Channel 12 for traffic clearance to enter/exit.

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 of the possibility of unexpected wavewash generated by shipping using Belfast Harbour.









Welcome to Belfast Harbour

I am pleased to present the 2020 Tide Tables for Belfast Harbour.

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

May I take this opportunity to draw your attention to the Notice to Mariners No.1 of 2020. This notice is a summary of all notices in force at the start of 2020 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.

Captain K G Allen
Belfast Harbour Master

Tide Tables 2020

Safety First Lifejackets

Lifejackets save lives

If you're going afloat for pleasure, working around water or fishing, wear your lifejacket or buoyancy aid. It's useless otherwise. Accidents can happen at any time in any weather. Good training and common sense help, but lives could be saved every year if people wore correctly-fitted, well-maintained lifejackets or buoyancy aids.

The water around the UK is cold all year round. It's surprisingly difficult to get back on board your boat once you're in the water, and the cold water will affect how your body works.

Wearing a lifejacket with crotch straps and spray hood could double your chances of survival, and increase your likelihood of being found.

What happens when you fall into cold water

Your blood pressure increases and you begin gasping for air.

If you're not wearing a lifejacket that lifts your airways out of the water, you can breathe in enough water to drown.

What to do if you fall into cold water

- Don't attempt to swim unless you're really close to your boat
- Relax as much as you can
- Find something to hold onto if you can, while your body adapts and you regain control of your breathing

After this, you should be able to call for help or get back on board quickly. Your rescuers should find it easier to help you if you're wearing a lifejacket.

The activities that need lifejackets the most

Statistics tell us that commercial fishing, angling and sailing are the activities where most lives might be saved by buoyancy-wear.

Every year a panel of experts meets to analyse the year's fatal maritime incidents. The panel makes a judgment about whether it is probable, possible or unlikely that the person involved could have been saved had they been wearing a lifejacket or buoyancy aid.

Between 2007 and 2010 the panel agreed that 86 lives might have been saved if those involved had been wearing a lifejacket or buoyancy aid.

Make sure that you wear a lifejacket or buoyancy aid as recommended by your sport's national governing body.





Information for Leisure Craft visiting Belfast Harbour

Belfast Harbour Marina located in Abercorn Basin welcomes leisure craft.

The maximum available depth in the Marina is 4m. Vessels greater than 4m draught or 15m 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/navigation-pilotage/notice-to-mariners

In addition to the code of conduct (p10-13 overleaf), users of leisure craft should refer to and abide by 'Operating Rules within Belfast Harbour' which are available at www.belfast-harbour.co.uk/port/marina/operating-rules

Tide Tables 2020

Belfast Harbour

Code of Conduct

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.
- 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 6 knots to South-West of the Twin

- Beacons unless granted prior consent by 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.

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.

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 α listening watch at all times on VHF channel 12. Port Control is also contactable in case of emergency by telephone on – 028 9055 3010.
- 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.

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Tide Tables 2020

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 Fenders

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

Belfast Harbour Code of Conduct (Cont.)

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 62 million.

18 Non Displacement Craft

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

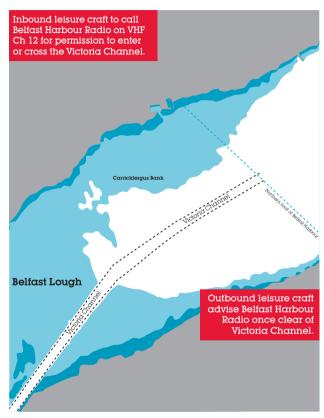
19 Pontoon Access

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

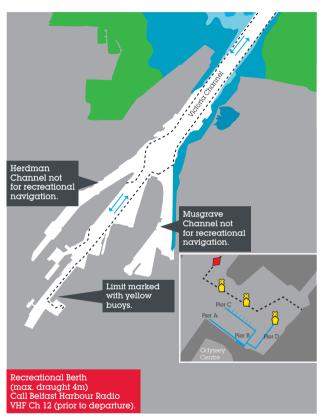
Guidance for recreational users

Belfast Harbour

Tide Tables 2020



For guidance only - do not use for navigation



For guidance only - do not use for navigation

Tide Tables 2020

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 PoliceTel +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 2020.

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



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 3282 or e-mail m.office@belfast-harbour.co.uk

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

Tide Tables 2020

Levels of Tides

	Above Harbour Datu	
	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
oni sanaary 1771	10.07	4.7
Average range of tide		
(At Spring Tides)	10.0	3.1
(At Neap Tides)	6.2	1.9

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

O Full





naibou			
Januar 2020	Time Metres	8th Wednesday	Time Metres 0301 0.8 0916 3.3 1520 0.9 2134 3.2
1st Wednesday	0259 3.1 0839 1.0 1511 3.4 2119 0.9	9th Thursday	0343 0.7 1000 3.4 1603 0.8 2217 3.3
2nd Thursday	0348 3.0 0925 1.1 1557 3.3 2208 0.9	10th Friday o	0424 0.7 1039 3.5 1646 0.6 2257 3.4
3rd Priday	0439 3.0 1016 1.2 1649 3.2 2308 1.0	11th Saturday	0505 0.7 1118 3.6 1728 0.5 2338 3.4
4th Saturday	0534 2.9 1116 1.3 1747 3.1	12th Sunday	0547 0.6 1159 3.7 1811 0.4
5th Sunday	0019 1.1 0632 2.9 1228 1.3 1848 3.0	13th Monday	0023 3.4 0631 0.7 1244 3.7 1856 0.4
6th Monday	0123 1.0 0731 3.0 1337 1.2 1950 3.1	14th Tuesday	0112 3.3 0718 0.7 1332 3.7 1943 0.3
7th Tuesday	0215 0.9 0827 3.1 1432 1.1 2046 3.1	15th Wednesday	0204 3.3 0807 0.7 1422 3.7 2033 0.4

	Time	Metres		Time	Metres
16th Thursday	0259 0859 1515 2127	3.2 0.8 3.7 0.5	24th Friday	0425 1056 1704 2317	0.8 3.5 0.6 3.3
17th	0357 0955 1611 2227	3.1 0.8 3.5 0.6	25th Saturday	0505 1138 1743 2358	0.8 3.6 0.5 3.3
18th Saturday	0500 1059 1715 2335	3.0 0.9 3.4 0.7	26th Sunday	0543 1215 1820	0.8 3.6 0.6
19th Sunday	0610 1211 1828	3.0 1.0 3.3	27th Monday	0035 0618 1251 1853	3.2 0.8 3.6 0.6
20th Monday	0046 0720 1324 1941	0.8 3.0 1.0 3.3	28th Tuesday	0111 0652 1325 1926	3.2 0.8 3.5 0.6
21st Tuesday	0151 0824 1430 2046	0.8 3.1 0.9 3.3	29th Wednesday	0148 0727 1401 2000	3.1 0.8 3.5 0.6
22nd Wednesday	0249 0920 1528 2142	0.8 3.3 0.7 3.3	30th Thursday	0227 0805 1437 2037	3.1 0.8 3.4 0.7
23rd Thursday	0340 1011 1619 2232	0.8 3.4 0.6 3.3	31st Friday	0310 0846 1515 2118	3.1 0.8 3.3 0.8

Februa 2020	Time Metres	8th Saturday	0409 1018 1631 2243	0.6 3.4 0.4 3.3
1st Saturday	0355 3.0 0931 0.9 1556 3.2 2205 0.9	9th Sunday o	0451 1100 1714 2326	0.5 3.6 0.3 3.3
2nd Sunday	0445 2.9 1022 1.1 1648 3.0 2303 1.0	10th Monday	0533 1143 1756	0.5 3.7 0.2
3rd Monday	0541 2.9 1124 1.2 1754 2.9	11th Tuesday	0010 0615 1229 1839	3.3 0.4 3.8 0.1
4th Tuesday	0024 1.1 0641 2.9 1247 1.2 1902 2.9	12th Wednesday	0058 0659 1316 1924	3.3 0.4 3.8 0.1
5th Wednesday	0141 1.0 0743 2.9 1403 1.1 2008 3.0	13th Thursday	0147 0745 1406 2011	3.3 0.4 3.8 0.2
6th Thursday	0237 0.9 0842 3.1 1459 0.9 2108 3.1	14th Friday	0237 0834 1457 2101	3.2 0.5 3.7 0.3
7th	0325 0.8 0933 3.3 1547 0.6	15th Saturday	0330 0927 1551	3.2 0.6 3.5

2158

3.2

Friday

Time Metres

2156

Saturday

0.5

	Time	Metres		Time	Metres
16th Sunday	0426 1029 1650 2304	3.1 0.8 3.3 0.8	24th Monday	0523 1157 1756	0.7 3.5 0.5
17th Monday	0531 1146 1801	3.0 0.9 3.1	25th Tuesday	0014 0554 1230 1825	3.1 0.7 3.4 0.5
18th Tuesday	0021 0650 1305 1924	0.9 2.9 0.9 3.0	26th Wednesday	0046 0626 1259 1855	3.1 0.6 3.4 0.5
19th Wednesday	0134 0805 1416 2035	1.0 3.0 0.8 3.0	27th Thursday	0118 0659 1328 1927	3.1 0.6 3.4 0.5
20th Thursday	0237 0905 1520 2132	0.9 3.2 0.7 3.1	28th	0151 0734 1358 2001	3.1 0.6 3.3 0.6
21st Friday	0331 0956 1612 2220	0.8 3.3 0.6 3.2	29th Saturday	0226 0812 1431 2038	3.1 0.6 3.3 0.6
22nd Saturday	0415 1041 1653 2303	0.8 3.4 0.5 3.2			
23rd _{Sunday}	0451 1121 1726 2340	0.7 3.5 0.5 3.2			

			Time	Metres
March 2020	Time Metres	8th Sunday	0352 0954 1613 2225	0.6 3.4 0.2 3.3
1st Sunday	0303 3.1 0853 0.7 1509 3.2 2120 0.8	9th Monday o	0434 1039 1655 2308	0.4 3.6 0.1 3.4
2nd Monday	0348 3.0 0939 0.9 1558 3.0 2211 1.0	10th Tuesday	0515 1124 1735 2352	0.3 3.7 0.0 3.4
3rd Tuesday	0445 2.9 1035 1.0 1705 2.8 2318 1.1	11th Wednesday	0555 1210 1817	0.3 3.8 0.0
4th Wednesday	0552 2.8 1154 1.1 1822 2.8	12th Thursday	0038 0637 1258 1900	3.4 0.3 3.8 0.0
5th Thursday	0109 1.1 0700 2.8 1338 1.0 1935 2.8	13th Friday	0126 0721 1348 1945	3.4 0.3 3.7 0.2
6th Friday	0215 1.0 0806 3.0 1439 0.8 2044 3.0	14th Saturday	0214 0809 1439 2033	3.3 0.4 3.6 0.4
7th Saturday	0307 0.8 0905 3.2 1529 0.5 2139 3.1	15th Sunday	0304 0901 1532 2127	3.2 0.5 3.4 0.6

	Time	Metres		Time	Metres
16th Monday (0356 1004 1629 2234	3.1 0.7 3.2 0.9	24th Tuesday	0459 1131 1727 2348	0.7 3.4 0.5 3.1
17th Tuesday	0456 1125 1738 2356	3.0 0.8 3.0 1.1	25th Wednesday	0529 1202 1755	0.6 3.3 0.5
18th Wednesday	0615 1245 1908	2.9 0.9 2.9	26th Thursday	0017 0600 1228 1825	3.1 0.6 3.3 0.5
19th Thursday	0111 0741 1359 2020	1.1 2.9 0.8 2.9	27th	0044 0632 1251 1855	3.2 0.5 3.3 0.5
20th	0220 0845 1505 2116	1.0 3.1 0.6 3.0	28th Saturday	0113 0705 1320 1928	3.2 0.5 3.3 0.6
21st Saturday	0318 0935 1555 2201	0.9 3.2 0.5 3.1	29th Sunday British Summer Time Commences	0146 0741 1356 2004	3.2 0.5 3.2 0.6
22nd	0400 1018 1632 2241	0.8 3.3 0.4 3.1	30th Monday	0223 0821 1438 2046	3.2 0.6 3.1 0.8
23rd Monday	0431 1057 1700 2316	0.7 3.4 0.4 3.1	31st Tuesday	0306 0906 1529 2135	3.1 0.8 3.0 1.0

Time Metres **April** 0453 0.3 8th 3.7 1102 2020 1711 0.0 Wednesday O 2331 3.5 Metres Time 0400 3.0 0.2 0534 lst 9th 1002 0.9 1149 3.8 1636 2.8 Wednesday n Thursday 1752 0.0 2240 1.1 3.5 0016 0509 2.8 10th 0.2 0615 1117 1.0 3.8 1238 Thursday 1753 2.7 Friday 1835 0.1 0031 1.2 0104 3.4 11th 3rd 0622 2.8 0700 0.2 1309 3.7 0.9 1329 Friday Saturday 2.8 1921 0.3 1909 0149 1.0 0152 3.4 4th 12th 0734 3.0 0748 0.3 3.5 1414 0.6 1420 Saturday Sunday 2021 2009 0.5 2.9 0244 8.0 0240 3.3 5th 13th 0837 3.2 0841 0.5 3.3 1505 0.4 1513 Sunday Monday 2117 2103 8.0 3.1 0331 0.6 0330 3.2 6th 14th 0945 0.6 0930 3.4 3.1 1550 0.1 1609 Monday Tuesday

	Time	Metres		Time	Metres
16th Thursday	0533 1218 1844	2.9 0.8 2.8	24th Friday	0535 1153 1756	0.6 3.3 0.6
17th Friday	0038 0706 1330 1956	1.2 2.9 0.8 2.8	25th Saturday	0012 0606 1217 1827	3.3 0.6 3.3 0.6
18th Saturday	0147 0814 1433 2050	1.1 3.0 0.7 2.9	26th Sunday	0041 0640 1251 1901	3.3 0.5 3.3 0.6
19th Sunday	0246 0906 1522 2134	1.0 3.1 0.5 3.0	27th Monday	0116 0716 1331 1938	3.3 0.5 3.2 0.7
20th Monday	0330 0949 1558 2212	0.9 3.2 0.5 3.1	28th Tuesday	0157 0757 1418 2022	3.3 0.6 3.1 0.8
21st Tuesday	0402 1027 1626 2246	0.8 3.3 0.5 3.2	29th Wednesday	0242 0844 1513 2114	3.2 0.7 3.0 1.0
22nd Wednesday	0432 1100 1655 2317	0.7 3.3 0.5 3.2	30th Thursday	0335 0942 1618 2219	3.1 0.8 2.9 1.1
23rd Thursday	0503 1129 1725 2345	0.6 3.3 0.5 3.2			

2203

0413

1016

1631

7th

Tuesday

3.3

0.4

3.6

0.0

3.4

15th

Wednesday

2207

0425

1103

1715

2325

1.0

3.1

8.0 2.9

1.2

May 2020	Time	Metres	8th Friday	Time 0515 1130 1730 2356	0.3 3.7 0.2 3.5
1st Friday	0439 1056 1731 2347	3.0 0.9 2.8 1.2	9th Saturday	0559 1219 1814	0.3 3.7 0.3
2nd Saturday	0551 1232 1847	3.0 0.8 2.8	10th Sunday	0043 0644 1310 1900	3.5 0.3 3.6 0.5
3rd Sunday	0113 0704 1342 1956	1.0 3.1 0.5 3.0	11th Monday	0131 0733 1401 1949	3.5 0.4 3.4 0.7
4th Monday	0214 0810 1436 2052	0.8 3.3 0.3 3.2	12th Tuesday	0218 0826 1453 2042	3.4 0.5 3.2 0.9
5th Tuesday	0304 0905 1522 2139	0.6 3.5 0.2 3.3	13th Wednesday	0306 0927 1546 2141	3.4 0.6 3.1 1.0
6th Wednesday	0349 0955 1605 2225	0.5 3.7 0.1 3.4	14th Thursday (0356 1035 1645 2248	3.2 0.7 2.9 1.2
7th Thursday o	0432 1042 1647 2310	0.4 3.7 0.1 3.5	15th Friday	0453 1143 1758 2356	3.1 0.8 2.8 1.2

	Time	Metres		Time	Metres
16th Saturday	0604 1247 1914	3.0 0.8 2.8	24th Sunday	0546 1151 1805	0.6 3.3 0.7
17th Sunday	0100 0726 1347 2011	1.2 3.0 0.7 2.9	25th Monday	0016 0622 1229 1842	3.4 0.6 3.2 0.7
18th Monday	0158 0826 1436 2056	1.1 3.1 0.7 3.0	26th Tuesday	0055 0700 1313 1923	3.4 0.6 3.2 0.8
19th Tuesday	0248 0912 1517 2134	1.0 3.1 0.6 3.1	27th Wednesday	0138 0743 1403 2010	3.4 0.6 3.1 0.9
20th Wednesday	0328 0950 1551 2209	0.9 3.2 0.6 3.2	28th Thursday	0226 0833 1459 2104	3.4 0.6 3.0 1.0
21st Thursday	0403 1025 1623 2243	0.8 3.2 0.6 3.3	29th Friday	0318 0931 1602 2207	3.3 0.7 2.9 1.0
22nd	0437 1056 1656 2315	0.7 3.2 0.6 3.3	30th	0417 1039 1711 2317	3.2 0.7 2.9 1.1
23rd Saturday	0511 1123 1730 2344	0.7 3.3 0.6 3.4	31st Sunday	0523 1155 1822	3.2 0.6 2.9

Harbour				
June 2020	Time Metr	8th Monday	7ime 0026 0634 1252 1844	3.6 0.4 3.4 0.7
1st Monday	0030 1.0 0635 3.2 1305 0.5 1929 3.0	9th	0112 0722 1341 1931	3.6 0.4 3.3 0.8
2nd Tuesday	0137 0.9 0744 3.4 1404 0.4 2026 3.2	1 loth	0157 0811 1430 2019	3.5 0.5 3.2 0.9
3rd Wednesday	0235 0.7 0843 3.5 1455 0.3 2117 3.3	i llth	0241 0903 1519 2109	3.5 0.6 3.0 1.0
4th Thursday	0326 0.6 0935 3.6 1542 0.3 2205 3.4	12th	0327 0959 1610 2202	3.3 0.7 2.9 1.1
5th Friday o	0415 0.5 1025 3.6 1627 0.3 2252 3.5	13th	0416 1059 1704 2301	3.2 0.8 2.8 1.2
6th Saturday	0502 0.4 1114 3.6 1712 0.4 2339 3.5	14th	0511 1200 1803	3.1 0.8 2.8
7th Sunday	0548 0.4 1203 3.5 1758 0.6		0005 0613 1259 1904	1.2 3.0 0.8 2.9

	Time 0107	Metres		Time 0037	Metres
16th Tuesday	0719 1351 2000	3.0 0.8 3.0	24th Wednesday	0650 1259 1913	0.5 3.2 0.8
17th Wednesday	0203 0820 1436 2047	1.1 3.0 0.7 3.1	25th Thursday	0122 0735 1349 2001	3.5 0.5 3.2 0.8
18th Thursday	0251 0909 1517 2130	1.0 3.1 0.7 3.2	26th Friday	0210 0824 1444 2052	3.5 0.5 3.1 0.8
19th Friday	0333 0950 1554 2210	0.9 3.2 0.7 3.3	27th	0301 0917 1543 2148	3.5 0.5 3.0 0.9
20th Saturday	0412 1027 1631 2247	0.8 3.2 0.7 3.4	28th Sunday	0356 1017 1646 2249	3.4 0.5 3.0 0.9
21st sunday •	0450 1100 1708 2321	0.7 3.2 0.7 3.4	29th Monday	0457 1123 1753 2355	3.4 0.6 3.0 0.9
22nd Monday	0529 1134 1747 2356	0.6 3.3 0.7 3.5	30th Tuesday	0606 1232 1900	3.3 0.6 3.1
23rd Tuesday	0609 1213 1829	0.5 3.2 0.7			

			Time	Metres
July 2020	Time Metres	8th Wednesday	0053 0707 1320 1909	3.6 0.5 3.2 0.8
1st Wednesday	0105 0.9 0718 3.3 1336 0.5 2002 3.1	9th Thursday	0134 0748 1403 1949	3.5 0.5 3.1 0.9
2nd Thursday	0211 0.8 0824 3.4 1433 0.5 2058 3.3	10th Friday	0215 0827 1447 2030	3.5 0.6 3.0 0.9
3rd Friday	0310 0.7 0922 3.4 1525 0.5 2151 3.4	11th Saturday	0257 0908 1533 2113	3.4 0.7 3.0 1.0
4th Saturday	0403 0.6 1014 3.5 1614 0.6 2240 3.5	$\underset{\text{Sunday}}{12th}_{\text{\tiny gunday}}$	0341 0954 1622 2200	3.3 0.8 2.9 1.0
5th Sunday o	0453 0.5 1103 3.4 1700 0.6 2326 3.5	13th Monday	0428 1048 1713 2253	3.1 0.9 2.9 1.1
6th Monday	0540 0.4 1150 3.4 1744 0.7	14th Tuesday	0522 1157 1808	3.0 1.0 2.9
7th Tuesday	0010 3.6 0624 0.4 1236 3.3 1827 0.8	15th Wednesday	0000 0621 1303 1904	1.2 2.9 1.0 2.9

16th Thursday	Time 0114 0725 1358 2000	1.2 2.9 0.9 3.0	24th	71me 0104 0719 1332 1943	3.6 0.3 3.2 0.7	
17th Friday	0215 0826 1445 2053	1.1 3.0 0.8 3.2	25th Saturday	0151 0805 1424 2031	3.7 0.3 3.2 0.7	
18th Saturday	0306 0919 1529 2140	0.9 3.1 0.8 3.3	26th Sunday	0241 0855 1519 2123	3.6 0.3 3.1 0.7	
19th Sunday	0351 1004 1610 2221	0.8 3.2 0.7 3.4	27th Monday	0334 0949 1618 2220	3.5 0.4 3.1 0.8	
20th Monday	0433 1043 1650 2259	0.6 3.2 0.7 3.5	28th Tuesday	0433 1051 1721 2327	3.4 0.6 3.0 0.9	
21st Tuesday	0513 1119 1731 2337	0.5 3.3 0.7 3.5	29th Wednesday	0539 1204 1831	3.3 0.7 3.0	
22nd Wednesday	0554 1159 1813	0.4 3.3 0.7	30th Thursday	0043 0656 1316 1942	0.9 3.2 0.8 3.1	
23rd Thursday	0018 0636 1244 1856	3.6 0.3 3.2 0.7	31st Friday	0156 0811 1419 2045	0.9 3.2 0.8 3.2	

			Time	Metres
August 2020	Time Metr	8th Saturday	0145 0746 1413 1951	3.5 0.6 3.1 0.8
1st Saturday	0300 0.7 0914 3.2 1515 0.8 2141 3.3	} 9th	0222 0820 1455 2030	3.4 0.7 3.1 0.8
2nd Sunday	0357 0.6 1008 3.3 1604 0.7 2230 3.5	loth	0301 0859 1540 2113	3.3 0.7 3.0 0.9
3rd onday	0446 0.5 1055 3.3 1648 0.8 2314 3.5		0342 0943 1628 2201	3.2 0.9 3.0 1.0
4th Tuesday	0530 0.5 1139 3.3 1728 0.8 2355 3.5	12th	0430 1036 1721 2259	3.0 1.0 2.9 1.2
5th Wednesday	0608 0.5 1218 3.2 1806 0.8	13[[]	0531 1152 1818	2.9 1.1 2.9
6th Thursday	0033 3.5 0643 0.5 1256 3.1 1840 0.8	14th	0018 0637 1321 1917	1.2 2.8 1.1 3.0
7th Friday	0109 3.5 0715 0.5 1334 3.1 1914 0.8	15th	0144 0746 1419 2016	1.1 2.9 1.0 3.1

	Time	Metres		Time	Metres	
16th Sunday	0242 0851 1507 2110	0.9 3.0 0.9 3.2	24th Monday	0222 0828 1454 2055	3.7 0.3 3.2 0.6	
17th Monday	0331 0943 1551 2155	0.7 3.1 0.7 3.4	25th Tuesday	0315 0919 1550 2152	3.6 0.5 3.2 0.8	
18th Tuesday	0414 1025 1632 2235	0.5 3.2 0.6 3.5	26th Wednesday	0413 1020 1652 2305	3.4 0.8 3.1 0.9	
19th Wednesday •	0455 1103 1712 2315	0.4 3.3 0.6 3.6	27th Thursday	0519 1139 1804	3.2 1.0 3.0	
20th Thursday	0535 1143 1752 2358	0.2 3.3 0.5 3.7	28th Friday	0030 0642 1300 1925	1.0 3.0 1.0 3.1	
21st Friday	0615 1225 1834	0.2 3.3 0.5	29th Saturday	0147 0804 1409 2033	0.9 3.0 1.0 3.2	
22nd Saturday	0043 0656 1312 1918	3.8 0.2 3.3 0.5	30th Sunday	0256 0907 1508 2128	0.7 3.1 0.9 3.3	
23rd Sunday	0132 0740 1402 2004	3.8 0.2 3.3 0.6	31st Monday	0353 0958 1556 2215	0.6 3.2 0.9 3.5	

Septem 2020	Time Metres	8th Tuesday	0215 3 0816 0 1453 3	otres 3.3 0.8 3.2 0.9
1st Tuesday	0438 0.5 1042 3.2 1635 0.8 2257 3.5	9th Wednesday	0857 (1537 (3.2 0.9 3.1 1.0
2nd Wednesdayo	0515 0.5 1121 3.2 1708 0.8 2335 3.5	10th Thursday (0945 1631	3.1 1.1 3.0 1.1
3rd Thursday	0545 0.5 1157 3.2 1739 0.8	11th Friday	1047 1732	2.9 1.2 2.9 1.3
4th Friday	0009 3.5 0611 0.6 1229 3.2 1809 0.8	12th Saturday	1242	2.8 1.3 2.9
5th Saturday	0040 3.4 0639 0.6 1301 3.2 1841 0.8	13th Sunday	0711 2 1353	1.2 2.8 1.2 3.1
6th Sunday	0111 3.4 0708 0.6 1335 3.2 1915 0.8	14th Monday	0824 1446	0.9 3.0 1.0 3.2
7th Monday	0143 3.4 0741 0.7 1413 3.2 1953 0.8	15th Tuesday	0921 3 1530 0	0.7 3.1 0.8 3.5

	Time	Metres		Time	Metres
16th Wednesday	0352 1003 1611 2211	0.4 3.3 0.6 3.6	24th Thursday	0357 0953 1626 2248	3.3 1.0 3.2 0.9
17th Thursday •	0431 1042 1649 2253	0.2 3.4 0.5 3.8	25th Friday	0505 1117 1739	3.1 1.2 3.1
18th Friday	0510 1122 1727 2337	0.1 3.5 0.5 3.8	26th Saturday	0016 0631 1243 1905	1.0 2.9 1.3 3.1
19th Saturday	0549 1205 1808	0.1 3.5 0.4	27th Sunday	0135 0753 1356 2015	0.9 3.0 1.2 3.2
20th Sunday	0023 0630 1251 1851	3.9 0.1 3.5 0.5	28th Monday	0245 0853 1457 2109	0.8 3.1 1.1 3.4
21st Monday	0113 0714 1339 1938	3.8 0.3 3.4 0.5	29th Tuesday	0338 0940 1543 2154	0.6 3.2 1.0 3.5
22nd Tuesday	0204 0801 1431 2030	3.7 0.5 3.4 0.6	30th Wednesday	0420 1021 1616 2235	0.5 3.2 0.9 3.5
23rd Wednesday	0259 0852 1526 2129	3.6 0.7 3.3 0.8			

Octobe 2020		Metres	8th Thursday	7ime 0217 0821 1451 2045	3.2 1.0 3.3 1.0
1st Thursday o	0450 1058 1643 2311	0.6 3.3 0.9 3.5	9th Friday	0304 0909 1543 2139	3.1 1.1 3.1 1.1
2nd Friday	0513 1130 1711 2342	0.6 3.3 0.8 3.5	10th Saturday (0408 1010 1648 2248	2.9 1.3 3.0 1.2
3rd Saturday	0539 1159 1741	0.7 3.3 0.8	11th Sunday	0525 1144 1758	2.8 1.4 3.0
4th Sunday	0009 0606 1228 1811	3.4 0.7 3.3 0.8	12th Monday	0037 0642 1323 1906	1.2 2.8 1.3 3.1
5th Monday	0034 0635 1258 1845	3.4 0.7 3.4 0.8	13th Tuesday	0149 0756 1419 2009	0.9 3.0 1.1 3.3
6th Tuesday	0103 0706 1332 1921	3.4 0.8 3.4 0.8	14th Wednesday	0240 0853 1505 2101	0.6 3.2 0.9 3.5
7th	0137 0741 1409	3.3 0.8 3.3	15th	0324 0938 1546	0.4 3.4 0.7

Thursday

2147

3.7

	Time 0404	Metres 0.2		Time 0449	Metres 3.1
16th Friday	1019 1624 2232	3.5 0.5 3.9	24th Saturday	1051 1710 2353	1.3 3.2 1.0
17th Saturday	0442 1101 1703 2318	0.2 3.6 0.5 3.9	25th Sunday British Summer Time Ends	0612 1213 1834	2.9 1.4 3.1
18th Sunday	0522 1145 1745	0.2 3.6 0.4	26th Monday	0107 0730 1326 1946	0.9 3.0 1.4 3.2
19th Monday	0005 0604 1231 1829	3.9 0.3 3.6 0.5	27th Tuesday	0216 0828 1428 2041	0.8 3.1 1.2 3.3
20th Tuesday	0057 0650 1320 1918	3.8 0.4 3.6 0.5	28th Wednesday	0308 0914 1515 2127	0.7 3.2 1.1 3.4
21st Wednesday	0150 0738 1411 2011	3.7 0.7 3.5 0.7	29th Thursday	0347 0954 1548 2207	0.7 3.3 1.0 3.5
22nd Thursday	0245 0831 1505 2113	3.5 0.9 3.4 0.8	30th	0415 1029 1616 2242	0.7 3.3 0.9 3.5
23rd priday	0343 0932 1603 2232	3.3 1.2 3.3 0.9	31st saturday o	0440 1100 1645 2313	0.7 3.4 0.9 3.4

0.8

Wednesday

Novem 2020	ber Time	Metres	8th Sunday (0347 0948 1613 2224	3.0 1.3 3.2 1.1
1st Sunday	0508 1129 1716 2339	0.7 3.4 0.8 3.4	9th Monday	0459 1105 1722 2348	2.9 1.4 3.2 1.0
2nd Monday	0537 1158 1748	0.8 3.5 0.8	10th Tuesday	0614 1236 1833	2.9 1.3 3.2
3rd Tuesday	0004 0607 1228 1821	3.4 0.8 3.5 0.8	11th Wednesday	0107 0725 1342 1938	0.8 3.1 1.1 3.4
4th Wednesday	0034 0640 1301 1857	3.4 0.9 3.5 0.8	12th Thursday	0204 0824 1433 2035	0.6 3.3 0.9 3.6
5th Thursday	0112 0716 1339 1937	3.3 0.9 3.5 0.8	13th	0252 0912 1518 2125	0.4 3.4 0.7 3.8
6th Friday	0155 0757 1423 2022	3.3 1.0 3.4 0.9	14th Saturday	0335 0957 1601 2213	0.3 3.6 0.6 3.9
7th	0245 0847 1513	3.1 1.2 3.3	15th Sunday	0417 1041 1644	0.3 3.7 0.5

Sunday

2117

1.0

Saturday

Time Metres

2301

3.9

	Time	Metres		Time	Metres
16th	0500 1127 1728	0.4 3.7 0.5	24th	0025 0649 1237	1.0 2.9 1.4
Monday	2351	3.8	Tuesday	1901	3.2
17th Tuesday	0545 1214 1815	0.5 3.7 0.5	25th Wednesday	0127 0750 1339 2003	0.9 3.0 1.3 3.2
18th Wednesday	0042 0631 1304 1905	3.7 0.6 3.7 0.6	26th Thursday	0221 0838 1431 2053	0.9 3.1 1.2 3.3
19th Thursday	0136 0721 1354 1959	3.6 0.8 3.7 0.6	27th	0303 0920 1513 2135	0.8 3.2 1.1 3.4
20th	0230 0814 1445 2059	3.4 1.0 3.6 0.8	28th Saturday	0337 0956 1548 2212	0.8 3.4 1.0 3.4
21st Saturday	0325 0912 1538 2208	3.2 1.2 3.4 0.9	29th Sunday	0409 1030 1622 2246	0.8 3.4 0.9 3.4
22nd Sunday	0425 1019 1636 2318	3.1 1.3 3.3 0.9	30th	0441 1104 1655 2316	0.8 3.5 0.9 3.4
23rd Monday	0535 1130 1745	2.9 1.4 3.2			

_	_			Time	Metres
Decem 2020		Metres	8th Tuesday (0431 1036 1648 2311	3.0 1.2 3.3 0.8
1st Tuesday	0514 1135 1730 2343	0.8 3.6 0.8 3.4	9th Wednesday	0541 1147 1757	3.0 1.2 3.3
2nd Wednesday	0548 1206 1806	0.9 3.6 0.8	10th Thursday	0022 0651 1258 1906	0.8 3.1 1.1 3.4
3rd Thursday	0015 0623 1241 1843	3.3 0.9 3.6 0.8	11th Friday	0127 0754 1400 2009	0.7 3.2 1.0 3.5
4th Friday	0054 0702 1320 1924	3.3 1.0 3.6 0.8	12th Saturday	0222 0848 1454 2106	0.6 3.4 0.8 3.7
5th	0139 0745	3.2 1.0	13th	0312 0938	0.5 3.5

3rd Thursday	0623 1241 1843	0.9 3.6 0.8	IIth Friday	0754 1400 2009	3.2 1.0 3.5
4th Friday	0054 0702 1320 1924	3.3 1.0 3.6 0.8	12th Saturday	0222 0848 1454 2106	0.6 3.4 0.8 3.7
5th Saturday	0139 0745 1404 2010	3.2 1.0 3.5 0.8	13th Sunday	0312 0938 1545 2158	0.5 3.5 0.7 3.7
6th Sunday	0230 0835 1452 2103	3.2 1.1 3.5 0.8	14th Monday •	0359 1026 1633 2249	0.5 3.6 0.6 3.7
7th Monday	0327 0932 1547 2204	3.1 1.2 3.4 0.9	15th Tuesday	0446 1114 1720 2339	0.5 3.7 0.5 3.7
All times are GMT.					

	Time	Metres		Time	Metres
16th Wednesday	0532 1202 1809	0.6 3.7 0.5	24th Thursday	0035 0645 1246 1900	1.0 2.9 1.3 3.1
17th Thursday	0030 0619 1250 1857	3.6 0.8 3.7 0.5	25th Friday	0131 0745 1345 2005	1.0 3.0 1.2 3.1
18th Friday	0121 0707 1338 1948	3.5 0.9 3.7 0.6	26th Saturday	0220 0837 1437 2058	1.0 3.1 1.1 3.2
19th Saturday	0211 0755 1424 2040	3.3 1.0 3.6 0.7	27th Sunday	0303 0922 1521 2143	0.9 3.3 1.0 3.2
20th Sunday	0301 0845 1511 2135	3.2 1.1 3.5 0.8	28th Monday	0342 1003 1600 2223	0.9 3.4 0.9 3.3
21st Monday	0352 0937 1600 2234	3.1 1.2 3.4 0.9	29th Tuesday	0419 1042 1638 2259	0.8 3.5 0.8 3.3
22nd Tuesday	0445 1035 1654 2335	3.0 1.3 3.3 1.0	30th Wednesday _o	0456 1118 1716 2331	0.8 3.5 0.7 3.3
23rd Wednesday	0543 1139 1754	2.9 1.3 3.1	31st Thursday	0534 1150 1755	0.8 3.6 0.7

Tide Tables 2020

Contact **N**umbers

Belfast Harbour

Harbour Office

Tel: 028 9055 4422

Port Operations

Tel: 028 9055 3014

Port Control

Port Control
VHF Channel 12

Harbour Police

Tel: 028 9055 3000

Marina Enquires

Tel: 028 9055 3282

River Lagan (DSD)

River Manager

Tel: 028 9027 7642

Weir Control / River Warden

Tel: 028 9031 5304

Weir Control

Weir Control
VHF Channel 71

Callsign "Lagan Weir"

Harbour Office Corporation Square Belfast BT1 3AL +44 28 9055 4422

belfast-harbour.co.uk









