

Tide Tables 2019

DUBLIN PORT COMPANY

TIDE TABLES

JANUARY TO DECEMBER 2019

**HIGH WATER AND LOW WATER
AT DUBLIN NORTH WALL**

Tidal predictions for Dublin computed by software developed at the National Oceanography Centre, © Copyright Reserved.

The datum of the tidal predictions is Chart Datum. Chart Datum is 0.23m below the old Port Datum, and 0.20m above Irish Ordnance Datum (Poolbeg). It is the Datum for the Metric Admiralty Charts of Dublin.

High Water on Dublin Bar is 0.06m lower and Low Water on Dublin Bar is 0.06m higher than the respective heights given in the Tables for North Wall; the times are not appreciably different.

All times throughout these tables are given in Local Time using the 24 hour system - 00:00 hrs. is Midnight and 12:00 hrs. is Noon.

Summer Time 2019 is 01:00 hrs. on the 31st March to 01:00 hrs. GMT on 27th October. (Times shown in these tables between these dates have been adjusted for Summer Time.)

Disclaimer: Dublin Port Company (DPC) has compiled the information in these Tide Tables with the utmost care and attention. However, DPC accepts no liability whatsoever arising from any errors or omissions.

Dublin Port Company Notice to Mariners can be found online www.dublinport.ie/information-centre/notice-to-mariners

CALENDAR 2019

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
		1	2	3		
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

S	M	T	W	T	F	S
		1	2			
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

CALENDAR 2020

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

FEBRUARY

S	M	T	W	T	F	S
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

MARCH

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

APRIL

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MAY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JUNE

S	M	T	W	T	F	S
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
		1	2	3		
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JANUARY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/01	Tue	08:03	3.69	20:25	3.79	01:14	1.09	13:40	1.41	08:40	16:16	
02/01	Wed	09:03	3.76	21:27	3.80	02:18	1.09	14:43	1.31	08:39	16:17	
03/01	Thu	09:55	3.85	22:20	3.82	03:13	1.06	15:37	1.18	08:39	16:18	
04/01	Fri	10:40	3.92	23:06	3.82	04:00	1.01	16:24	1.07	08:39	16:19	
05/01	Sat	11:18	3.97	23:42	3.80	04:41	0.98	17:04	0.98	08:39	16:21	
06/01	Sun	11:50	4.00			05:18	0.96	17:42	0.92	08:38	16:22	●
07/01	Mon	00:14	3.77	12:21	4.02	05:51	0.96	18:17	0.90	08:38	16:23	
08/01	Tue	00:45	3.74	12:54	4.01	06:24	0.98	18:52	0.90	08:37	16:25	
09/01	Wed	01:19	3.71	13:29	3.98	06:57	1.03	19:27	0.93	08:37	16:26	
10/01	Thu	01:55	3.66	14:07	3.92	07:31	1.09	20:01	0.98	08:36	16:28	
11/01	Fri	02:35	3.60	14:48	3.84	08:09	1.18	20:39	1.04	08:35	16:29	
12/01	Sat	03:18	3.52	15:31	3.73	08:51	1.29	21:21	1.12	08:35	16:31	
13/01	Sun	04:06	3.43	16:19	3.61	09:39	1.41	22:09	1.22	08:34	16:32	
14/01	Mon	04:59	3.35	17:12	3.51	10:36	1.51	23:06	1.30	08:33	16:34	●
15/01	Tue	06:01	3.32	18:12	3.46	11:40	1.55			08:32	16:36	

ALL TIMES ARE GIVEN IN LOCAL TIME

JANUARY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/01	Wed	07:08	3.37	19:18	3.48	00:12	1.33	12:47	1.51	08:31	16:37	
17/01	Thu	08:09	3.51	20:23	3.60	01:17	1.27	13:48	1.35	08:30	16:39	
18/01	Fri	09:03	3.70	21:21	3.76	02:16	1.13	14:44	1.11	08:29	16:41	
19/01	Sat	09:53	3.92	22:14	3.94	03:09	0.95	15:35	0.84	08:28	16:42	
20/01	Sun	10:39	4.12	23:03	4.09	03:57	0.76	16:23	0.57	08:27	16:44	
21/01	Mon	11:24	4.28	23:50	4.17	04:42	0.60	17:10	0.36	08:26	16:46	○
22/01	Tue			12:09	4.37	05:26	0.52	17:57	0.24	08:25	16:48	
23/01	Wed	00:37	4.18	12:55	4.40	06:10	0.51	18:45	0.21	08:23	16:49	
24/01	Thu	01:26	4.13	13:44	4.37	06:57	0.58	19:36	0.29	08:22	16:51	
25/01	Fri	02:17	4.03	14:36	4.27	07:48	0.72	20:29	0.43	08:21	16:53	
26/01	Sat	03:11	3.89	15:32	4.13	08:42	0.89	21:24	0.64	08:19	16:55	
27/01	Sun	04:09	3.74	16:31	3.95	09:40	1.08	22:23	0.87	08:18	16:57	●
28/01	Mon	05:12	3.60	17:38	3.77	10:43	1.27	23:26	1.10	08:16	16:59	
29/01	Tue	06:19	3.51	18:48	3.63	11:52	1.41			08:15	17:01	
30/01	Wed	07:26	3.50	19:58	3.56	00:36	1.28	13:09	1.46	08:13	17:03	
31/01	Thu	08:30	3.56	21:06	3.56	01:51	1.34	14:24	1.39	08:12	17:05	

ALL TIMES ARE GIVEN IN LOCAL TIME

FEBRUARY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/02	Fri	09:30	3.67	22:05	3.60	02:55	1.29	15:24	1.25	08:10	17:07	
02/02	Sat	10:19	3.78	22:51	3.65	03:45	1.20	16:12	1.10	08:09	17:08	
03/02	Sun	10:59	3.87	23:28	3.67	04:26	1.09	16:51	0.98	08:07	17:10	
04/02	Mon	11:32	3.93	23:57	3.68	05:01	1.00	17:25	0.89	08:05	17:13	●
05/02	Tue			12:02	3.96	05:33	0.93	17:57	0.84	08:03	17:14	
06/02	Wed	00:24	3.69	12:32	3.97	06:03	0.89	18:27	0.81	08:01	17:16	
07/02	Thu	00:53	3.69	13:03	3.96	06:32	0.87	18:55	0.80	07:59	17:18	
08/02	Fri	01:24	3.70	13:38	3.93	07:00	0.88	19:24	0.80	07:58	17:20	
09/02	Sat	02:00	3.68	14:16	3.88	07:33	0.92	19:58	0.83	07:56	17:22	
10/02	Sun	02:39	3.64	14:57	3.81	08:12	0.98	20:38	0.89	07:54	17:24	
11/02	Mon	03:22	3.56	15:42	3.69	08:55	1.09	21:22	1.00	07:52	17:26	
12/02	Tue	04:10	3.45	16:32	3.56	09:45	1.21	22:13	1.15	07:50	17:28	●
13/02	Wed	05:06	3.35	17:29	3.44	10:43	1.34	23:15	1.29	07:48	17:30	
14/02	Thu	06:12	3.30	18:39	3.39	11:57	1.40			07:46	17:32	
15/02	Fri	07:28	3.36	19:56	3.46	00:33	1.35	13:15	1.31	07:44	17:34	

ALL TIMES ARE GIVEN IN LOCAL TIME

FEBRUARY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/02	Sat	08:36	3.55	21:03	3.64	01:49	1.25	14:23	1.07	07:42	17:36	
17/02	Sun	09:33	3.80	22:00	3.84	02:52	1.04	15:21	0.76	07:40	17:38	
18/02	Mon	10:23	4.05	22:51	4.02	03:45	0.79	16:12	0.44	07:38	17:40	
19/02	Tue	11:09	4.24	23:36	4.13	04:30	0.56	16:58	0.19	07:36	17:42	○
20/02	Wed	11:54	4.37			05:13	0.41	17:42	0.05	07:33	17:44	
21/02	Thu	00:21	4.16	12:38	4.40	05:55	0.34	18:27	0.04	07:31	17:46	
22/02	Fri	01:05	4.12	13:24	4.36	06:39	0.37	19:14	0.14	07:29	17:48	
23/02	Sat	01:51	4.02	14:12	4.24	07:25	0.49	20:02	0.34	07:27	17:50	
24/02	Sun	02:38	3.87	15:03	4.06	08:15	0.67	20:53	0.59	07:25	17:52	
25/02	Mon	03:29	3.71	15:59	3.84	09:09	0.88	21:46	0.89	07:22	17:54	
26/02	Tue	04:27	3.53	17:03	3.61	10:09	1.11	22:44	1.18	07:20	17:55	●
27/02	Wed	05:33	3.39	18:15	3.42	11:14	1.31	23:51	1.42	07:18	17:57	
28/02	Thu	06:45	3.33	19:30	3.33			12:33	1.43	07:16	17:59	

ALL TIMES ARE GIVEN IN LOCAL TIME

MARCH 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/03	Fri	07:54	3.38	20:42	3.35	01:16	1.53	14:02	1.39	07:13	18:01	
02/03	Sat	09:00	3.50	21:46	3.44	02:33	1.46	15:06	1.23	07:11	18:03	
03/03	Sun	09:54	3.64	22:33	3.53	03:27	1.30	15:53	1.06	07:09	18:05	
04/03	Mon	10:36	3.76	23:06	3.60	04:07	1.13	16:30	0.91	07:06	18:07	
05/03	Tue	11:09	3.84	23:35	3.64	04:41	0.97	17:02	0.81	07:04	18:09	
06/03	Wed	11:39	3.89			05:11	0.85	17:31	0.73	07:02	18:11	●
07/03	Thu	00:00	3.68	12:07	3.91	05:39	0.77	17:57	0.69	06:59	18:13	
08/03	Fri	00:24	3.71	12:36	3.92	06:03	0.71	18:21	0.66	06:57	18:14	
09/03	Sat	00:53	3.75	13:09	3.92	06:30	0.69	18:49	0.64	06:55	18:16	
10/03	Sun	01:27	3.76	13:47	3.90	07:03	0.69	19:24	0.66	06:52	18:18	
11/03	Mon	02:06	3.74	14:28	3.84	07:41	0.74	20:04	0.74	06:50	18:20	
12/03	Tue	02:48	3.67	15:12	3.73	08:24	0.84	20:49	0.88	06:48	18:22	
13/03	Wed	03:35	3.55	16:02	3.58	09:13	0.98	21:39	1.07	06:45	18:24	
14/03	Thu	04:28	3.40	17:00	3.43	10:12	1.14	22:42	1.27	06:43	18:26	●
15/03	Fri	05:34	3.30	18:14	3.34	11:28	1.25			06:41	18:27	

ALL TIMES ARE GIVEN IN LOCAL TIME

MARCH 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/03	Sat	06:56	3.31	19:38	3.39	00:03	1.39	12:53	1.20	06:38	18:29	
17/03	Sun	08:12	3.48	20:49	3.57	01:29	1.31	14:08	0.96	06:36	18:31	
18/03	Mon	09:15	3.74	21:48	3.79	02:39	1.08	15:09	0.64	06:33	18:33	
19/03	Tue	10:08	3.99	22:37	3.97	03:33	0.79	15:59	0.33	06:31	18:35	
20/03	Wed	10:54	4.19	23:21	4.08	04:18	0.53	16:44	0.10	06:28	18:37	
21/03	Thu	11:38	4.30			04:59	0.35	17:27	-0.01	06:26	18:38	○
22/03	Fri	00:02	4.11	12:20	4.33	05:39	0.27	18:08	0.01	06:24	18:40	
23/03	Sat	00:42	4.07	13:03	4.27	06:20	0.28	18:51	0.15	06:21	18:42	
24/03	Sun	01:23	3.99	13:48	4.14	07:03	0.38	19:35	0.37	06:19	18:44	
25/03	Mon	02:06	3.86	14:36	3.95	07:51	0.54	20:22	0.64	06:16	18:46	
26/03	Tue	02:52	3.71	15:29	3.72	08:42	0.75	21:12	0.94	06:14	18:48	
27/03	Wed	03:45	3.54	16:30	3.48	09:39	0.99	22:07	1.24	06:12	18:49	
28/03	Thu	04:48	3.37	17:42	3.27	10:42	1.21	23:10	1.49	06:09	18:51	●
29/03	Fri	06:03	3.27	18:57	3.18	11:55	1.35			06:07	18:53	
30/03	Sat	07:16	3.28	20:12	3.22	00:27	1.62	13:26	1.35	06:04	18:55	
31/03	Sun	09:23	3.38	22:16	3.34	02:59	1.55	15:36	1.21	07:02	19:57	

ALL TIMES ARE GIVEN IN LOCAL TIME

APRIL 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/04	Mon	10:20	3.53	23:02	3.47	03:57	1.37	16:24	1.03	07:00	19:58	
02/04	Tue	11:04	3.67	23:37	3.58	04:39	1.16	17:00	0.87	06:57	20:00	
03/04	Wed	11:41	3.76			05:13	0.97	17:31	0.75	06:55	20:02	
04/04	Thu	00:06	3.65	12:12	3.82	05:42	0.82	17:58	0.67	06:52	20:04	
05/04	Fri	00:32	3.71	12:39	3.86	06:09	0.71	18:23	0.61	06:50	20:06	●
06/04	Sat	00:55	3.76	13:08	3.90	06:34	0.63	18:48	0.57	06:48	20:07	
07/04	Sun	01:22	3.82	13:42	3.91	07:02	0.58	19:19	0.56	06:45	20:09	
08/04	Mon	01:57	3.85	14:21	3.90	07:36	0.57	19:56	0.60	06:43	20:11	
09/04	Tue	02:37	3.83	15:04	3.85	08:16	0.62	20:37	0.70	06:40	20:13	
10/04	Wed	03:21	3.76	15:51	3.75	09:02	0.72	21:24	0.87	06:38	20:15	
11/04	Thu	04:09	3.65	16:43	3.60	09:55	0.86	22:19	1.08	06:36	20:17	
12/04	Fri	05:04	3.51	17:45	3.45	11:00	1.01	23:25	1.29	06:33	20:18	●
13/04	Sat	06:11	3.40	19:01	3.36			12:16	1.10	06:31	20:20	
14/04	Sun	07:33	3.40	20:24	3.42	00:46	1.39	13:39	1.04	06:29	20:22	
15/04	Mon	08:51	3.54	21:34	3.58	02:10	1.32	14:51	0.83	06:26	20:24	

ALL TIMES ARE GIVEN IN LOCAL TIME

APRIL 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/04	Tue	09:56	3.76	22:33	3.77	03:20	1.10	15:52	0.56	06:24	20:26	
17/04	Wed	10:51	3.98	23:22	3.92	04:15	0.83	16:42	0.32	06:22	20:27	
18/04	Thu	11:39	4.13			05:00	0.60	17:27	0.16	06:20	20:29	
19/04	Fri	00:05	4.01	12:23	4.21	05:42	0.43	18:09	0.11	06:17	20:31	○
20/04	Sat	00:43	4.03	13:04	4.20	06:22	0.35	18:49	0.17	06:15	20:33	
21/04	Sun	01:20	4.01	13:45	4.13	07:03	0.35	19:29	0.31	06:13	20:35	
22/04	Mon	01:58	3.96	14:28	4.01	07:45	0.43	20:10	0.51	06:11	20:36	
23/04	Tue	02:39	3.87	15:14	3.84	08:31	0.56	20:54	0.75	06:09	20:38	
24/04	Wed	03:24	3.76	16:04	3.64	09:21	0.73	21:43	1.01	06:06	20:40	
25/04	Thu	04:12	3.62	17:01	3.42	10:16	0.93	22:36	1.26	06:04	20:42	
26/04	Fri	05:09	3.46	18:09	3.24	11:15	1.12	23:36	1.48	06:02	20:44	●
27/04	Sat	06:21	3.32	19:21	3.15			12:21	1.26	06:00	20:45	
28/04	Sun	07:35	3.28	20:30	3.17	00:43	1.61	13:35	1.30	05:58	20:47	
29/04	Mon	08:42	3.35	21:32	3.29	02:00	1.60	14:49	1.22	05:56	20:49	
30/04	Tue	09:39	3.46	22:21	3.43	03:11	1.44	15:42	1.07	05:54	20:51	

ALL TIMES ARE GIVEN IN LOCAL TIME

MAY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/05	Wed	10:27	3.59	23:00	3.56	03:59	1.24	16:21	0.92	05:51	20:53	
02/05	Thu	11:06	3.70	23:33	3.67	04:36	1.05	16:54	0.79	05:49	20:54	
03/05	Fri	11:39	3.78			05:07	0.89	17:22	0.69	05:47	20:56	
04/05	Sat	00:00	3.75	12:09	3.84	05:36	0.76	17:49	0.61	05:45	20:58	●
05/05	Sun	00:25	3.83	12:41	3.90	06:04	0.65	18:18	0.56	05:44	21:00	
06/05	Mon	00:55	3.90	13:18	3.93	06:36	0.58	18:54	0.56	05:42	21:01	
07/05	Tue	01:33	3.94	14:00	3.92	07:14	0.56	19:33	0.62	05:40	21:03	
08/05	Wed	02:15	3.93	14:46	3.87	07:58	0.59	20:18	0.74	05:38	21:05	
09/05	Thu	03:01	3.88	15:36	3.78	08:49	0.68	21:09	0.91	05:36	21:07	
10/05	Fri	03:53	3.80	16:33	3.66	09:48	0.79	22:08	1.10	05:34	21:08	
11/05	Sat	04:51	3.69	17:36	3.54	10:54	0.89	23:15	1.26	05:32	21:10	
12/05	Sun	05:58	3.61	18:51	3.48			12:08	0.93	05:31	21:12	●
13/05	Mon	07:15	3.60	20:06	3.52	00:30	1.34	13:21	0.89	05:29	21:14	
14/05	Tue	08:29	3.69	21:15	3.63	01:46	1.29	14:30	0.76	05:27	21:15	
15/05	Wed	09:35	3.83	22:14	3.76	02:54	1.14	15:30	0.60	05:26	21:17	

ALL TIMES ARE GIVEN IN LOCAL TIME

MAY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/05	Thu	10:33	3.96	23:05	3.87	03:51	0.95	16:22	0.46	05:24	21:18	
17/05	Fri	11:24	4.05	23:48	3.93	04:41	0.77	17:09	0.39	05:22	21:20	
18/05	Sat			12:09	4.08	05:25	0.64	17:51	0.38	05:21	21:22	○
19/05	Sun	00:27	3.96	12:51	4.06	06:08	0.57	18:31	0.45	05:19	21:23	
20/05	Mon	01:02	3.96	13:31	3.99	06:49	0.56	19:10	0.56	05:18	21:25	
21/05	Tue	01:38	3.94	14:12	3.88	07:31	0.60	19:49	0.71	05:16	21:26	
22/05	Wed	02:18	3.90	14:54	3.75	08:15	0.68	20:31	0.88	05:15	21:28	
23/05	Thu	03:00	3.83	15:41	3.60	09:03	0.79	21:17	1.06	05:14	21:29	
24/05	Fri	03:45	3.72	16:32	3.44	09:54	0.93	22:07	1.25	05:12	21:31	
25/05	Sat	04:37	3.59	17:30	3.29	10:49	1.07	23:03	1.42	05:11	21:32	
26/05	Sun	05:37	3.46	18:36	3.19	11:47	1.19			05:10	21:34	●
27/05	Mon	06:46	3.37	19:43	3.19	00:03	1.54	12:48	1.26	05:09	21:35	
28/05	Tue	07:54	3.36	20:43	3.26	01:07	1.57	13:50	1.25	05:07	21:36	
29/05	Wed	08:52	3.42	21:35	3.39	02:10	1.51	14:46	1.16	05:06	21:38	
30/05	Thu	09:42	3.52	22:18	3.53	03:06	1.36	15:33	1.04	05:05	21:39	
31/05	Fri	10:25	3.63	22:54	3.66	03:50	1.19	16:11	0.91	05:04	21:40	

ALL TIMES ARE GIVEN IN LOCAL TIME

JUNE 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/06	Sat	11:03	3.74	23:27	3.78	04:27	1.02	16:45	0.79	05:03	21:41	
02/06	Sun	11:40	3.84	23:57	3.89	05:02	0.86	17:18	0.69	05:02	21:43	
03/06	Mon			12:18	3.92	05:37	0.72	17:54	0.62	05:02	21:44	●
04/06	Tue	00:33	3.99	13:00	3.97	06:15	0.61	18:33	0.61	05:01	21:45	
05/06	Wed	01:13	4.04	13:45	3.97	06:58	0.56	19:16	0.66	05:00	21:46	
06/06	Thu	01:58	4.06	14:33	3.94	07:46	0.56	20:03	0.76	04:59	21:47	
07/06	Fri	02:47	4.04	15:27	3.86	08:41	0.61	20:57	0.90	04:59	21:48	
08/06	Sat	03:41	3.99	16:24	3.77	09:41	0.67	21:56	1.05	04:58	21:49	
09/06	Sun	04:40	3.91	17:26	3.67	10:45	0.74	23:00	1.17	04:58	21:50	
10/06	Mon	05:45	3.85	18:33	3.61	11:52	0.79			04:57	21:51	●
11/06	Tue	06:55	3.81	19:43	3.60	00:08	1.26	13:00	0.81	04:57	21:51	
12/06	Wed	08:06	3.81	20:50	3.65	01:18	1.27	14:04	0.80	04:56	21:52	
13/06	Thu	09:12	3.85	21:50	3.72	02:24	1.22	15:06	0.77	04:56	21:53	
14/06	Fri	10:14	3.90	22:44	3.80	03:26	1.12	16:00	0.72	04:56	21:53	
15/06	Sat	11:09	3.94	23:31	3.86	04:21	1.00	16:50	0.70	04:56	21:54	

ALL TIMES ARE GIVEN IN LOCAL TIME

JUNE 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/06	Sun	11:57	3.94			05:11	0.89	17:35	0.70	04:56	21:54	
17/06	Mon	00:12	3.90	12:40	3.90	05:56	0.81	18:15	0.74	04:55	21:55	○
18/06	Tue	00:46	3.93	13:18	3.85	06:38	0.77	18:53	0.79	04:55	21:55	
19/06	Wed	01:21	3.94	13:55	3.77	07:18	0.77	19:30	0.87	04:55	21:56	
20/06	Thu	01:57	3.93	14:33	3.69	08:00	0.80	20:09	0.96	04:56	21:56	
21/06	Fri	02:36	3.89	15:15	3.60	08:43	0.86	20:50	1.06	04:56	21:56	
22/06	Sat	03:18	3.83	16:00	3.49	09:29	0.94	21:35	1.18	04:56	21:57	
23/06	Sun	04:03	3.73	16:48	3.38	10:17	1.04	22:24	1.31	04:56	21:57	
24/06	Mon	04:52	3.61	17:42	3.29	11:07	1.14	23:18	1.43	04:56	21:57	
25/06	Tue	05:47	3.49	18:42	3.24			12:00	1.22	04:57	21:57	●
26/06	Wed	06:49	3.41	19:45	3.25	00:16	1.51	12:55	1.26	04:57	21:57	
27/06	Thu	07:53	3.40	20:42	3.33	01:15	1.52	13:50	1.25	04:58	21:57	
28/06	Fri	08:51	3.46	21:32	3.46	02:11	1.46	14:42	1.18	04:58	21:56	
29/06	Sat	09:43	3.56	22:15	3.62	03:03	1.33	15:29	1.07	04:59	21:56	
30/06	Sun	10:30	3.69	22:55	3.78	03:49	1.15	16:12	0.93	04:59	21:56	

ALL TIMES ARE GIVEN IN LOCAL TIME

JULY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/07	Mon	11:15	3.82	23:35	3.94	04:33	0.94	16:54	0.80	05:00	21:56	
02/07	Tue			12:00	3.94	05:15	0.75	17:35	0.69	05:01	21:55	●
03/07	Wed	00:15	4.07	12:45	4.01	06:00	0.58	18:18	0.63	05:02	21:55	
04/07	Thu	00:57	4.17	13:31	4.04	06:45	0.48	19:02	0.63	05:02	21:54	
05/07	Fri	01:43	4.22	14:21	4.02	07:35	0.43	19:49	0.69	05:03	21:54	
06/07	Sat	02:33	4.22	15:12	3.97	08:28	0.45	20:41	0.79	05:04	21:53	
07/07	Sun	03:26	4.18	16:07	3.88	09:26	0.51	21:37	0.92	05:05	21:53	
08/07	Mon	04:23	4.10	17:06	3.77	10:27	0.60	22:37	1.06	05:06	21:52	
09/07	Tue	05:24	4.00	18:09	3.68	11:28	0.72	23:40	1.18	05:07	21:51	●
10/07	Wed	06:31	3.89	19:15	3.61			12:31	0.84	05:08	21:50	
11/07	Thu	07:42	3.81	20:21	3.60	00:46	1.28	13:36	0.95	05:09	21:50	
12/07	Fri	08:50	3.77	21:24	3.64	01:56	1.32	14:40	1.01	05:10	21:48	
13/07	Sat	09:55	3.77	22:23	3.72	03:04	1.28	15:41	1.03	05:12	21:48	
14/07	Sun	10:55	3.78	23:14	3.80	04:06	1.19	16:34	1.01	05:13	21:47	
15/07	Mon	11:46	3.79	23:56	3.87	05:00	1.07	17:20	0.97	05:14	21:46	

ALL TIMES ARE GIVEN IN LOCAL TIME

JULY 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/07	Tue			12:30	3.77	05:45	0.96	18:00	0.95	05:15	21:44	○
17/07	Wed	00:31	3.92	13:05	3.74	06:27	0.89	18:36	0.93	05:17	21:43	
18/07	Thu	01:03	3.95	13:36	3.70	07:04	0.85	19:11	0.93	05:18	21:42	
19/07	Fri	01:36	3.96	14:09	3.66	07:41	0.85	19:45	0.95	05:19	21:41	
20/07	Sat	02:11	3.94	14:45	3.62	08:18	0.87	20:20	1.00	05:21	21:40	
21/07	Sun	02:48	3.90	15:23	3.57	08:54	0.91	20:57	1.07	05:22	21:38	
22/07	Mon	03:29	3.83	16:03	3.51	09:33	0.98	21:38	1.16	05:24	21:37	
23/07	Tue	04:12	3.73	16:48	3.43	10:15	1.06	22:23	1.28	05:25	21:35	
24/07	Wed	04:59	3.62	17:36	3.35	11:01	1.16	23:14	1.39	05:27	21:34	
25/07	Thu	05:51	3.50	18:33	3.29	11:53	1.25			05:28	21:32	●
26/07	Fri	06:51	3.41	19:39	3.29	00:13	1.48	12:52	1.32	05:30	21:31	
27/07	Sat	07:59	3.39	20:43	3.38	01:18	1.50	13:54	1.32	05:31	21:29	
28/07	Sun	09:06	3.47	21:40	3.55	02:21	1.41	14:52	1.23	05:33	21:28	
29/07	Mon	10:04	3.62	22:30	3.76	03:18	1.22	15:46	1.08	05:34	21:26	
30/07	Tue	10:57	3.80	23:15	3.97	04:11	0.97	16:35	0.89	05:36	21:24	
31/07	Wed	11:45	3.96	23:59	4.16	05:00	0.70	17:19	0.71	05:38	21:23	

ALL TIMES ARE GIVEN IN LOCAL TIME

AUGUST 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/08	Thu			12:30	4.07	05:46	0.46	18:03	0.59	05:39	21:21	●
02/08	Fri	00:42	4.29	13:16	4.12	06:32	0.30	18:47	0.52	05:41	21:19	
03/08	Sat	01:27	4.36	14:03	4.11	07:20	0.23	19:32	0.54	05:43	21:17	
04/08	Sun	02:13	4.37	14:51	4.05	08:09	0.26	20:20	0.63	05:44	21:16	
05/08	Mon	03:03	4.30	15:43	3.94	09:03	0.37	21:12	0.77	05:46	21:14	
06/08	Tue	03:57	4.18	16:37	3.81	09:59	0.53	22:09	0.95	05:48	21:12	
07/08	Wed	04:56	4.02	17:36	3.68	10:57	0.74	23:09	1.13	05:49	21:10	●
08/08	Thu	06:03	3.84	18:41	3.56	11:58	0.97			05:51	21:08	
09/08	Fri	07:16	3.68	19:50	3.52	00:15	1.30	13:03	1.16	05:53	21:06	
10/08	Sat	08:29	3.60	20:57	3.55	01:27	1.41	14:15	1.28	05:54	21:04	
11/08	Sun	09:39	3.59	22:00	3.64	02:47	1.40	15:23	1.30	05:56	21:02	
12/08	Mon	10:42	3.63	22:55	3.76	03:57	1.28	16:19	1.23	05:58	21:00	
13/08	Tue	11:35	3.68	23:39	3.86	04:51	1.12	17:05	1.13	05:59	20:58	
14/08	Wed			12:17	3.70	05:33	0.98	17:43	1.04	06:01	20:56	
15/08	Thu	00:13	3.93	12:48	3.70	06:11	0.88	18:17	0.96	06:03	20:54	○

ALL TIMES ARE GIVEN IN LOCAL TIME

AUGUST 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/08	Fri	00:42	3.97	13:15	3.69	06:44	0.83	18:48	0.91	06:05	20:52	
17/08	Sat	01:12	3.99	13:42	3.68	07:15	0.81	19:18	0.88	06:06	20:49	
18/08	Sun	01:43	3.98	14:13	3.68	07:45	0.81	19:48	0.89	06:08	20:47	
19/08	Mon	02:18	3.96	14:47	3.67	08:14	0.84	20:20	0.93	06:10	20:45	
20/08	Tue	02:55	3.90	15:24	3.64	08:45	0.88	20:56	1.01	06:12	20:43	
21/08	Wed	03:36	3.82	16:06	3.57	09:24	0.96	21:37	1.11	06:13	20:41	
22/08	Thu	04:21	3.70	16:51	3.48	10:06	1.07	22:24	1.25	06:15	20:38	
23/08	Fri	05:09	3.55	17:42	3.37	10:56	1.22	23:19	1.39	06:17	20:36	●
24/08	Sat	06:06	3.41	18:45	3.30	11:57	1.36			06:18	20:34	
25/08	Sun	07:18	3.33	20:00	3.33	00:29	1.48	13:11	1.44	06:20	20:32	
26/08	Mon	08:38	3.38	21:11	3.49	01:48	1.43	14:24	1.38	06:22	20:29	
27/08	Tue	09:45	3.56	22:08	3.74	02:57	1.22	15:27	1.20	06:24	20:27	
28/08	Wed	10:41	3.78	22:57	4.00	03:57	0.91	16:20	0.95	06:25	20:25	
29/08	Thu	11:30	3.98	23:42	4.23	04:47	0.58	17:06	0.70	06:27	20:23	
30/08	Fri			12:15	4.12	05:33	0.29	17:48	0.51	06:29	20:20	●
31/08	Sat	00:24	4.39	12:58	4.19	06:17	0.11	18:30	0.41	06:31	20:18	

ALL TIMES ARE GIVEN IN LOCAL TIME

SEPTEMBER 2019												
Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/09	Sun	01:07	4.46	13:42	4.18	07:01	0.06	19:12	0.40	06:32	20:15	
02/09	Mon	01:51	4.44	14:26	4.10	07:47	0.13	19:57	0.49	06:34	20:13	
03/09	Tue	02:38	4.34	15:13	3.99	08:36	0.31	20:45	0.65	06:36	20:11	
04/09	Wed	03:29	4.17	16:03	3.84	09:27	0.56	21:39	0.86	06:38	20:08	
05/09	Thu	04:25	3.95	16:59	3.68	10:23	0.84	22:39	1.10	06:39	20:06	
06/09	Fri	05:32	3.71	18:03	3.53	11:22	1.13	23:45	1.31	06:41	20:04	☾
07/09	Sat	06:49	3.51	19:15	3.45			12:27	1.38	06:43	20:01	
08/09	Sun	08:07	3.42	20:27	3.48	01:00	1.45	13:45	1.52	06:45	19:59	
09/09	Mon	09:23	3.45	21:35	3.59	02:31	1.44	15:03	1.50	06:46	19:56	
10/09	Tue	10:29	3.54	22:33	3.74	03:44	1.29	16:01	1.37	06:48	19:54	
11/09	Wed	11:19	3.64	23:17	3.86	04:35	1.10	16:45	1.21	06:50	19:52	
12/09	Thu	11:57	3.70	23:51	3.94	05:15	0.94	17:22	1.06	06:51	19:49	
13/09	Fri			12:26	3.73	05:48	0.83	17:54	0.94	06:53	19:47	
14/09	Sat	00:21	3.99	12:51	3.74	06:18	0.77	18:24	0.86	06:55	19:44	☽
15/09	Sun	00:48	4.00	13:16	3.76	06:45	0.74	18:51	0.82	06:57	19:42	

ALL TIMES ARE GIVEN IN LOCAL TIME

SEPTEMBER 2019												
Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/09	Mon	01:16	4.00	13:42	3.77	07:09	0.75	19:18	0.81	06:58	19:39	
17/09	Tue	01:48	3.99	14:14	3.78	07:35	0.76	19:47	0.84	07:00	19:37	
18/09	Wed	02:24	3.94	14:51	3.76	08:07	0.81	20:23	0.90	07:02	19:34	
19/09	Thu	03:05	3.86	15:31	3.70	08:45	0.90	21:03	1.00	07:04	19:32	
20/09	Fri	03:49	3.74	16:16	3.60	09:28	1.04	21:51	1.15	07:05	19:30	
21/09	Sat	04:38	3.58	17:07	3.47	10:18	1.23	22:46	1.31	07:07	19:27	
22/09	Sun	05:36	3.42	18:08	3.36	11:19	1.43	23:59	1.43	07:09	19:25	☾
23/09	Mon	06:50	3.31	19:25	3.35			12:39	1.55	07:10	19:22	
24/09	Tue	08:17	3.36	20:44	3.51	01:25	1.39	14:03	1.49	07:12	19:20	
25/09	Wed	09:29	3.56	21:47	3.77	02:41	1.16	15:11	1.27	07:14	19:17	
26/09	Thu	10:26	3.80	22:39	4.04	03:43	0.82	16:05	0.99	07:16	19:15	
27/09	Fri	11:15	4.02	23:24	4.27	04:33	0.47	16:51	0.71	07:17	19:13	
28/09	Sat	11:58	4.16			05:18	0.20	17:32	0.50	07:19	19:10	☽
29/09	Sun	00:06	4.42	12:39	4.22	06:00	0.05	18:12	0.38	07:21	19:08	
30/09	Mon	00:48	4.48	13:19	4.21	06:42	0.04	18:53	0.36	07:23	19:05	

ALL TIMES ARE GIVEN IN LOCAL TIME

OCTOBER 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/10	Tue	01:30	4.43	14:00	4.14	07:24	0.15	19:36	0.44	07:24	19:03	
02/10	Wed	02:15	4.31	14:45	4.03	08:09	0.37	20:22	0.61	07:26	19:01	
03/10	Thu	03:04	4.11	15:32	3.89	08:57	0.66	21:15	0.82	07:28	18:58	
04/10	Fri	03:59	3.87	16:24	3.73	09:50	0.98	22:13	1.07	07:30	18:56	
05/10	Sat	05:03	3.61	17:26	3.57	10:48	1.28	23:18	1.29	07:32	18:53	●
06/10	Sun	06:21	3.40	18:39	3.46	11:51	1.54			07:33	18:51	
07/10	Mon	07:40	3.31	19:53	3.46	00:31	1.44	13:08	1.68	07:35	18:49	
08/10	Tue	08:59	3.36	21:02	3.56	02:04	1.44	14:33	1.64	07:37	18:46	
09/10	Wed	10:05	3.50	22:01	3.70	03:18	1.29	15:34	1.48	07:39	18:44	
10/10	Thu	10:53	3.63	22:47	3.83	04:09	1.10	16:20	1.28	07:41	18:41	
11/10	Fri	11:29	3.73	23:24	3.93	04:48	0.94	16:57	1.10	07:42	18:39	
12/10	Sat	11:58	3.80	23:55	3.98	05:20	0.82	17:28	0.96	07:44	18:37	
13/10	Sun			12:25	3.83	05:48	0.76	17:57	0.87	07:46	18:35	○
14/10	Mon	00:23	3.99	12:49	3.86	06:13	0.73	18:24	0.82	07:48	18:32	
15/10	Tue	00:50	4.00	13:14	3.88	06:36	0.73	18:49	0.80	07:50	18:30	

ALL TIMES ARE GIVEN IN LOCAL TIME

OCTOBER 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/10	Wed	01:21	3.99	13:45	3.90	07:03	0.74	19:20	0.81	07:52	18:28	
17/10	Thu	01:58	3.96	14:22	3.88	07:36	0.80	19:57	0.86	07:53	18:25	
18/10	Fri	02:39	3.89	15:03	3.82	08:15	0.91	20:39	0.95	07:55	18:23	
19/10	Sat	03:25	3.77	15:50	3.73	09:00	1.08	21:29	1.09	07:57	18:21	
20/10	Sun	04:16	3.63	16:42	3.61	09:52	1.29	22:29	1.23	07:59	18:19	
21/10	Mon	05:17	3.47	17:43	3.50	10:57	1.49	23:43	1.33	08:01	18:16	●
22/10	Tue	06:33	3.38	18:59	3.49			12:18	1.59	08:03	18:14	
23/10	Wed	07:57	3.44	20:16	3.61	01:07	1.27	13:41	1.53	08:05	18:12	
24/10	Thu	09:09	3.63	21:22	3.83	02:23	1.06	14:50	1.32	08:06	18:10	
25/10	Fri	10:08	3.85	22:18	4.07	03:24	0.76	15:45	1.05	08:08	18:08	
26/10	Sat	10:57	4.04	23:06	4.26	04:15	0.47	16:33	0.79	08:10	18:06	
27/10	Sun	10:40	4.16	22:50	4.37	04:00	0.27	16:15	0.59	07:12	17:04	
28/10	Mon	11:21	4.22	23:33	4.40	04:42	0.17	16:56	0.48	07:14	17:02	●
29/10	Tue			12:00	4.22	05:23	0.20	17:37	0.46	07:16	17:00	
30/10	Wed	00:15	4.34	12:39	4.17	06:04	0.33	18:20	0.52	07:18	16:58	
31/10	Thu	00:59	4.21	13:21	4.09	06:46	0.55	19:06	0.65	07:20	16:56	

ALL TIMES ARE GIVEN IN LOCAL TIME

NOVEMBER 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/11	Fri	01:47	4.02	14:06	3.97	07:31	0.81	19:56	0.83	07:22	16:54	
02/11	Sat	02:39	3.80	14:57	3.83	08:21	1.09	20:51	1.03	07:23	16:52	
03/11	Sun	03:39	3.57	15:54	3.68	09:17	1.36	21:52	1.23	07:25	16:50	
04/11	Mon	04:50	3.38	17:01	3.55	10:18	1.59	22:59	1.38	07:27	16:48	☉
05/11	Tue	06:05	3.29	18:12	3.49	11:27	1.73			07:29	16:46	
06/11	Wed	07:18	3.32	19:21	3.53	00:17	1.43	12:45	1.72	07:31	16:44	
07/11	Thu	08:23	3.45	20:20	3.63	01:36	1.34	13:54	1.59	07:33	16:42	
08/11	Fri	09:12	3.60	21:09	3.75	02:31	1.19	14:45	1.40	07:35	16:41	
09/11	Sat	09:51	3.73	21:51	3.84	03:12	1.04	15:24	1.22	07:37	16:39	
10/11	Sun	10:25	3.83	22:26	3.90	03:46	0.93	15:58	1.07	07:39	16:37	
11/11	Mon	10:55	3.89	22:57	3.94	04:15	0.85	16:28	0.97	07:41	16:35	
12/11	Tue	11:21	3.94	23:26	3.97	04:41	0.81	16:57	0.89	07:42	16:34	☽
13/11	Wed	11:48	3.98	23:59	3.98	05:06	0.78	17:25	0.84	07:44	16:32	
14/11	Thu			12:20	4.00	05:36	0.79	17:59	0.82	07:46	16:31	
15/11	Fri	00:37	3.97	12:59	4.00	06:12	0.84	18:39	0.84	07:48	16:29	

ALL TIMES ARE GIVEN IN LOCAL TIME

NOVEMBER 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/11	Sat	01:21	3.91	13:42	3.96	06:53	0.95	19:24	0.90	07:50	16:28	
17/11	Sun	02:09	3.82	14:31	3.89	07:40	1.11	20:18	0.99	07:52	16:26	
18/11	Mon	03:03	3.71	15:25	3.80	08:36	1.29	21:19	1.09	07:54	16:25	
19/11	Tue	04:06	3.59	16:27	3.73	09:42	1.45	22:30	1.14	07:55	16:23	☉
20/11	Wed	05:18	3.53	17:36	3.70	10:57	1.54	23:45	1.11	07:57	16:22	
21/11	Thu	06:33	3.57	18:48	3.76			12:14	1.50	07:59	16:21	
22/11	Fri	07:43	3.69	19:55	3.89	00:57	0.98	13:22	1.35	08:01	16:20	
23/11	Sat	08:44	3.85	20:55	4.04	02:00	0.79	14:21	1.15	08:02	16:18	
24/11	Sun	09:36	4.00	21:49	4.16	02:54	0.62	15:13	0.95	08:04	16:17	
25/11	Mon	10:23	4.11	22:38	4.22	03:42	0.49	16:00	0.79	08:06	16:16	
26/11	Tue	11:05	4.17	23:23	4.23	04:27	0.45	16:44	0.68	08:07	16:15	☽
27/11	Wed	11:45	4.18			05:08	0.49	17:26	0.63	08:09	16:14	
28/11	Thu	00:05	4.17	12:23	4.17	05:48	0.59	18:09	0.65	08:11	16:13	
29/11	Fri	00:48	4.07	13:03	4.12	06:28	0.74	18:54	0.72	08:12	16:12	
30/11	Sat	01:33	3.93	13:46	4.04	07:11	0.93	19:41	0.83	08:14	16:11	

ALL TIMES ARE GIVEN IN LOCAL TIME

DECEMBER 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
01/12	Sun	02:21	3.76	14:33	3.93	07:57	1.13	20:31	0.98	08:15	16:11	
02/12	Mon	03:13	3.58	15:23	3.80	08:48	1.34	21:25	1.14	08:17	16:10	
03/12	Tue	04:13	3.42	16:21	3.66	09:44	1.53	22:23	1.28	08:18	16:09	
04/12	Wed	05:20	3.31	17:25	3.55	10:45	1.66	23:26	1.38	08:20	16:09	☉
05/12	Thu	06:27	3.30	18:31	3.50	11:51	1.72			08:21	16:08	
06/12	Fri	07:29	3.37	19:32	3.52	00:32	1.40	12:57	1.67	08:23	16:08	
07/12	Sat	08:22	3.50	20:25	3.59	01:35	1.34	13:57	1.55	08:24	16:07	
08/12	Sun	09:09	3.63	21:12	3.67	02:26	1.23	14:45	1.40	08:25	16:07	
09/12	Mon	09:48	3.76	21:53	3.76	03:06	1.12	15:24	1.24	08:26	16:06	
10/12	Tue	10:23	3.86	22:29	3.84	03:39	1.02	15:58	1.10	08:28	16:06	
11/12	Wed	10:54	3.95	23:04	3.91	04:10	0.94	16:30	0.97	08:29	16:06	
12/12	Thu	11:25	4.03	23:41	3.96	04:42	0.87	17:05	0.86	08:30	16:06	☽
13/12	Fri			12:00	4.09	05:17	0.83	17:43	0.77	08:31	16:06	
14/12	Sat	00:22	3.98	12:41	4.11	05:55	0.85	18:26	0.73	08:32	16:06	
15/12	Sun	01:08	3.96	13:27	4.11	06:39	0.91	19:14	0.74	08:33	16:06	

ALL TIMES ARE GIVEN IN LOCAL TIME

DECEMBER 2019

Date		Tide at North Wall Dublin								Sun		Moon Phase
		High Water				Low Water				Rise	Set	
		Morning		Afternoon		Morning		Afternoon				
		Time	m	Time	m	Time	m	Time	m	Time	Time	
16/12	Mon	01:57	3.91	14:16	4.08	07:27	1.02	20:07	0.78	08:34	16:06	
17/12	Tue	02:51	3.83	15:10	4.02	08:22	1.16	21:06	0.84	08:34	16:06	
18/12	Wed	03:51	3.74	16:09	3.95	09:24	1.28	22:10	0.91	08:35	16:06	
19/12	Thu	04:55	3.67	17:12	3.89	10:30	1.38	23:18	0.95	08:36	16:07	☉
20/12	Fri	06:05	3.65	18:20	3.86	11:41	1.41			08:36	16:07	
21/12	Sat	07:13	3.69	19:29	3.87	00:27	0.96	12:51	1.38	08:37	16:07	
22/12	Sun	08:17	3.78	20:35	3.92	01:33	0.93	13:56	1.28	08:38	16:08	
23/12	Mon	09:15	3.89	21:36	3.97	02:33	0.86	14:55	1.14	08:38	16:08	
24/12	Tue	10:07	3.99	22:30	4.01	03:27	0.80	15:48	0.99	08:38	16:09	
25/12	Wed	10:53	4.06	23:18	4.01	04:14	0.77	16:36	0.87	08:39	16:10	
26/12	Thu	11:33	4.11			04:57	0.77	17:19	0.79	08:39	16:10	☽
27/12	Fri	00:00	3.98	12:10	4.12	05:36	0.80	18:01	0.75	08:39	16:11	
28/12	Sat	00:38	3.91	12:47	4.11	06:14	0.87	18:42	0.76	08:40	16:12	
29/12	Sun	01:17	3.82	13:26	4.07	06:52	0.96	19:24	0.81	08:40	16:13	
30/12	Mon	01:57	3.72	14:07	3.99	07:33	1.07	20:07	0.90	08:40	16:14	
31/12	Tue	02:42	3.60	14:51	3.88	08:17	1.20	20:53	1.02	08:40	16:15	

ALL TIMES ARE GIVEN IN LOCAL TIME

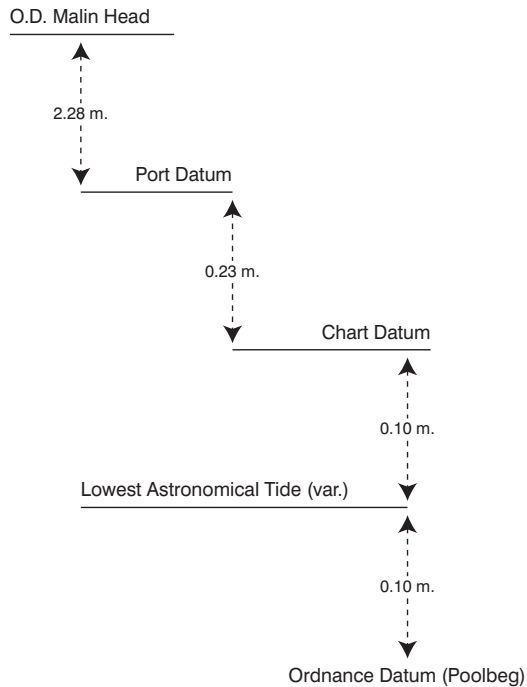
CONVERSION SCALE

Mts.	Feet	Mts.	Feet	Mts.	Feet	Mts.	Feet	Mts.	Feet	Mts.	Feet
3.0	= 9.8	5.0	= 16.4	7.0	= 23.0	9.0	= 29.5	11.0	= 36.1		
3.1	= 10.2	5.1	= 16.7	7.1	= 23.3	9.1	= 29.8	11.1	= 36.4		
3.2	= 10.5	5.2	= 17.1	7.2	= 23.6	9.2	= 30.2	11.2	= 36.7		
3.3	= 10.8	5.3	= 17.4	7.3	= 24.0	9.3	= 30.5	11.3	= 37.1		
3.4	= 11.2	5.4	= 17.7	7.4	= 24.3	9.4	= 30.8	11.4	= 37.4		
3.5	= 11.5	5.5	= 18.0	7.5	= 24.6	9.5	= 31.2	11.5	= 37.7		
3.6	= 11.8	5.6	= 18.4	7.6	= 24.9	9.6	= 31.5	11.6	= 38.1		
3.7	= 12.1	5.7	= 18.7	7.7	= 25.3	9.7	= 31.8	11.7	= 38.4		
3.8	= 12.5	5.8	= 19.0	7.8	= 25.6	9.8	= 32.2	11.8	= 38.7		
3.9	= 12.8	5.9	= 19.4	7.9	= 25.9	9.9	= 32.5	11.9	= 39.0		
4.0	= 13.1	6.0	= 19.7	8.0	= 26.2	10.0	= 32.8	12.0	= 39.4		
4.1	= 13.5	6.1	= 20.0	8.1	= 26.6	10.1	= 33.1	12.1	= 39.7		
4.2	= 13.8	6.2	= 20.3	8.2	= 26.9	10.2	= 33.5	12.2	= 40.0		
4.3	= 14.1	6.3	= 20.7	8.3	= 27.2	10.3	= 33.8	12.3	= 40.4		
4.4	= 14.4	6.4	= 21.0	8.4	= 27.6	10.4	= 34.1	12.4	= 40.7		
4.5	= 14.8	6.5	= 21.3	8.5	= 27.9	10.5	= 34.4	12.5	= 41.0		
4.6	= 15.1	6.6	= 21.7	8.6	= 28.2	10.6	= 34.8	12.6	= 41.3		
4.7	= 15.4	6.7	= 22.0	8.7	= 28.5	10.7	= 35.1	12.7	= 41.7		
4.8	= 15.7	6.8	= 22.3	8.8	= 28.9	10.8	= 35.4	12.8	= 42.0		
4.9	= 16.1	6.9	= 22.6	8.9	= 29.2	10.9	= 35.8	12.9	= 42.3		

CONVERSION SCALE

Metres	=	Feet
0.1	=	0.3
0.2	=	0.7
0.3	=	1.0
0.4	=	1.3
0.5	=	1.6
0.6	=	2.0
0.7	=	2.3
0.8	=	2.6
0.9	=	2.9
1.0	=	3.2
2.0	=	6.6
3.0	=	9.8
4.0	=	13.1
5.0	=	16.4
6.0	=	19.7

DATUM CONVERSION



TIDE LEVELS

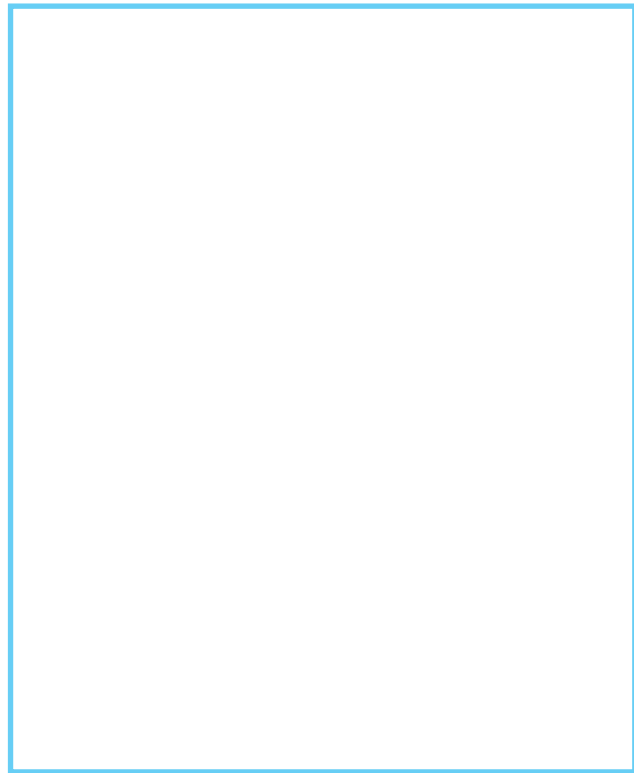
**Chart Datum is 0.20 metres below
O.D. Poolbeg**

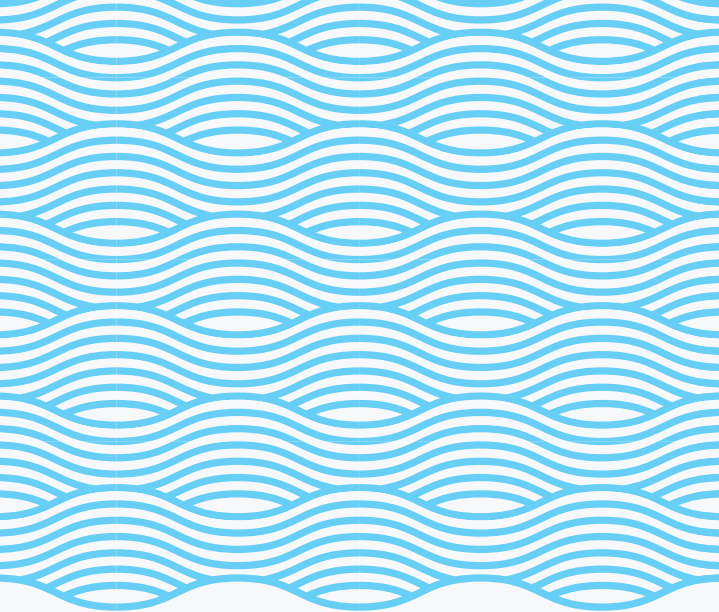
Above Chart Datum


Highest Astronomical Tide:	4.50 metres
Mean High Water Springs:	4.10 metres
Mean High Water Neaps :	3.40 metres
Mean Sea Level:	2.40 metres
Mean Low Water Neaps	1.50 metres
Mean Low Water Springs:	0.70 metres

Below Chart Datum

Lowest Astronomical Tide	0.10 metres
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