

Key: ● New moon ○ Full moon Springs occur 2 days after new & full moon.

**Caution:** The height of the tide may be affected by meteorological conditions. Winds between S.E. and S.W. or a high barometer, cause a decrease in height; winds between N.W. and N.E. or a low barometer, cause an increase. The deviation from the predicted tidal level may, under exceptional conditions, amount to more than one metre.

**Tidal data at Harwich:** All predicted heights are given relative to Chart Datum of Harwich Harbour, a level of 2.02 metres below Ordnance Datum (Newlyn). The times of high and low waters are expressed in GMT. Tidal predictions for Harwich are produced by Harwich Haven Authority. All heights are expressed in metres. Times are UTC (GMT). Add one hour for British Summer Time (BST) 28 March - 31 October 2021.

Bradwell	+29
Brightlingsea	+23
Burnham-on-Crouch	+42
Clacton	+11
Felixstowe Pier	-09
Lowestoft	-2hr 20
Orford Haven Bar	-28
Orford Ness	-45
Orford Quay	+40
Southwold	-1hr 15
Swin Spitway	+12
Walton-on-the-Naze	0
Wivenhoe	+27
Woodbridge	+32
Woodbridge Haven	-11

hrs mins  
TIME

www.admiralty.co.uk - for more accurate information.

River Orwell - Ipswich	+00 20	+0.1
Springs	+0.3	

River Stour - Mistley	+00 25	hrs mins
Neaps	+0.2	metres

HEIGHT  
TIME  
hrs mins

Approximate times and heights to be applied to Harwich High Water predictions:

## Tidal difference at high water

Date	HIGH WATER				LOW WATER			
	AM	HT.	PM	HT.	AM	HT.	PM	HT.
01 Fri	00:45	3.83	13:04	3.87	06:38	0.58	18:42	0.74
02 Sat	01:23	3.80	13:44	3.87	07:16	0.54	19:20	0.75
03 Sun	02:00	3.75	14:25	3.84	07:56	0.52	20:01	0.79
04 Mon	02:38	3.69	15:08	3.77	08:39	0.53	20:46	0.86
05 Tue	03:19	3.64	15:56	3.68	09:26	0.54	21:34	0.95
06 Wed	04:07	3.60	16:49	3.59	10:20	0.58	22:30	1.05
07 Thu	05:03	3.55	17:50	3.51	11:25	0.61	23:39	1.11
08 Fri	06:09	3.52	19:00	3.48			12:37	0.62
09 Sat	07:24	3.53	20:13	3.54	00:57	1.09	13:48	0.62
10 Sun	08:39	3.62	21:20	3.64	02:11	0.98	14:53	0.61
11 Mon	09:46	3.75	22:20	3.75	03:17	0.83	15:52	0.60
12 Tue	10:44	3.89	23:14	3.84	04:18	0.66	16:44	0.59
13 Wed	11:37	4.00			05:12	0.51	17:29	0.60
14 Thu	00:02	3.91	12:25	4.07	06:01	0.40	18:11	0.62
15 Fri	00:46	3.94	13:10	4.07	06:46	0.35	18:50	0.67
16 Sat	01:27	3.95	13:52	4.01	07:28	0.36	19:29	0.74
17 Sun	02:06	3.91	14:34	3.88	08:07	0.41	20:06	0.83
18 Mon	02:42	3.84	15:13	3.71	08:45	0.49	20:43	0.93
19 Tue	03:18	3.74	15:52	3.53	09:23	0.58	21:22	1.04
20 Wed	03:56	3.61	16:31	3.36	10:04	0.69	22:06	1.16
21 Thu	04:38	3.46	17:17	3.20	10:52	0.82	23:01	1.27
22 Fri	05:29	3.29	18:16	3.10	11:51	0.95		
23 Sat	06:36	3.17	19:30	3.10	00:12	1.33	13:01	1.02
24 Sun	07:54	3.16	20:39	3.22	01:31	1.27	14:12	1.02
25 Mon	09:03	3.27	21:36	3.39	02:40	1.12	15:13	0.96
26 Tue	09:59	3.44	22:25	3.55	03:36	0.95	16:01	0.89
27 Wed	10:47	3.59	23:10	3.68	04:23	0.79	16:42	0.83
28 Thu	11:30	3.73	23:52	3.77	05:06	0.65	17:18	0.77
29 Fri	12:11	3.85	05:46	0.53	05:46	0.53	17:53	0.70
30 Sat	00:32	3.84	12:52	3.95	06:24	0.42	18:29	0.64
31 Sun	01:11	3.88	13:32	4.00	07:02	0.34	19:07	0.60

## January 2021

Date	HIGH WATER				LOW WATER			
	AM	HT.	PM	HT.	AM	HT.	PM	HT.
01 Mon	01:49	3.88	14:12	3.98	07:41	0.30	19:46	0.60
02 Tue	02:26	3.87	14:53	3.90	08:21	0.29	20:27	0.66
03 Wed	03:04	3.84	15:37	3.78	09:04	0.33	21:12	0.75
04 Thu	03:47	3.79	16:25	3.63	09:52	0.43	22:03	0.87
05 Fri	04:38	3.69	17:21	3.47	10:52	0.57	23:07	1.00
06 Sat	05:41	3.55	18:29	3.34			12:07	0.71
07 Sun	06:59	3.43	19:49	3.30	00:31	1.06	13:27	0.80
08 Mon	08:27	3.46	21:10	3.40	01:56	0.99	14:42	0.81
09 Tue	09:43	3.63	22:15	3.58	03:14	0.81	15:44	0.76
10 Wed	10:43	3.81	23:08	3.73	04:19	0.61	16:35	0.71
11 Thu	11:32	3.94	23:53	3.84	05:10	0.44	17:17	0.66
12 Fri			12:15	4.01	05:54	0.34	17:55	0.63
13 Sat	00:33	3.92	12:55	4.03	06:32	0.29	18:31	0.61
14 Sun	01:08	3.96	13:32	3.99	07:08	0.29	19:06	0.63
15 Mon	01:41	3.97	14:07	3.90	07:40	0.34	19:40	0.69
16 Tue	02:12	3.94	14:39	3.77	08:11	0.41	20:12	0.76
17 Wed	02:44	3.86	15:11	3.62	08:42	0.51	20:45	0.84
18 Thu	03:18	3.73	15:43	3.46	09:15	0.63	21:22	0.95
19 Fri	03:55	3.56	16:20	3.29	09:54	0.79	22:06	1.08
20 Sat	04:37	3.35	17:07	3.11	10:45	0.98	23:08	1.22
21 Sun	05:31	3.13	18:19	2.97	11:55	1.15		
22 Mon	06:56	3.00	19:50	3.01	00:35	1.27	13:26	1.20
23 Tue	08:28	3.10	21:01	3.20	02:00	1.16	14:43	1.11
24 Wed	09:34	3.33	21:58	3.42	03:06	0.96	15:37	0.98
25 Thu	10:26	3.57	22:46	3.61	03:59	0.75	16:19	0.85
26 Fri	11:11	3.77	23:30	3.76	04:43	0.57	16:57	0.73
27 Sat	11:52	3.94			05:24	0.41	17:33	0.61
28 Sun	00:11	3.89	12:33	4.07	06:03	0.26	18:10	0.51

## February 2021

www.hha.co.uk/news/live-stream-cameras/

Take in live views of Harwich Harbour

www.hha.co.uk/leisure/downloads

Download tidal maps of the local area:

www.hha.co.uk/news/subscribe

Notices to Mariners:

Subscribe to Harwich Haven Authority news and

www.hha.co.uk/live-data

temperatures, please visit our website:

To find out more about wind speeds, wave heights and

movement data.

hydrographical, meteorological and vessel

users with access to live, up-to-the-minute

Harwich Haven Authority also provides recreational

about the local area.

essential safety of navigation information and details

and produce a yearly yachting guide, which contains

To support our services we issue Notices to Mariners

passage for yachts.

throughout the summer season also helps ensure safe

for recreational users. Regular harbour patrols

the Haven area each year and we provide free services

More than 10,000 yachts of all shapes and sizes visit

## the Harwich Haven

## Keeping safe in

Date	HIGH WATER				LOW WATER			
	AM	HT.	PM	HT.	AM	HT.	PM	HT.
01 Mon	08:16	3.38	20:55	3.65	02:03	1.30	14:30	0.77
02 Tue	09:11	3.62	21:45	3.89	02:52	1.08	15:19	0.58
03 Wed	10:00	3.85	22:31	4.07	03:35	0.90	16:04	0.42
●04 Thu	10:45	4.05	23:15	4.19	04:17	0.75	16:45	0.31
05 Fri	11:30	4.20	23:59	4.24	04:59	0.62	17:26	0.24
06 Sat			12:15	4.30	05:42	0.53	18:06	0.25
07 Sun	00:43	4.22	13:01	4.32	06:25	0.49	18:47	0.34
08 Mon	01:28	4.12	13:49	4.25	07:10	0.49	19:31	0.51
09 Tue	02:13	3.95	14:39	4.10	07:59	0.55	20:20	0.75
10 Wed	03:01	3.76	15:33	3.90	08:54	0.63	21:16	1.00
11 Thu	03:56	3.56	16:36	3.69	10:01	0.73	22:24	1.22
12 Fri	05:00	3.41	17:49	3.56	11:20	0.78	23:45	1.33
13 Sat	06:13	3.35	19:08	3.57			12:43	0.76
14 Sun	07:30	3.41	20:19	3.68	01:04	1.30	13:59	0.68
15 Mon	08:38	3.55	21:16	3.81	02:00	1.18	14:59	0.59
16 Tue	09:32	3.69	22:03	3.89	03:00	1.04	15:44	0.56
17 Wed	10:17	3.79	22:44	3.92	03:42	0.91	16:19	0.57
18 Thu	10:55	3.86	23:20	3.92	04:21	0.79	16:51	0.58
○19 Fri	11:28	3.91	23:52	3.91	04:59	0.70	17:23	0.60
20 Sat	12:00	3.93			05:37	0.65	17:54	0.66
21 Sun	00:21	3.90	12:33	3.92	06:12	0.67	18:23	0.75
22 Mon	00:50	3.86	13:07	3.87	06:45	0.71	18:49	0.83
23 Tue	01:22	3.80	13:43	3.79	07:16	0.75	19:18	0.91
24 Wed	01:55	3.71	14:20	3.67	07:49	0.79	19:52	1.00
25 Thu	02:30	3.58	14:59	3.55	08:27	0.85	20:34	1.12
26 Fri	03:08	3.45	15:44	3.43	09:14	0.91	21:23	1.26
27 Sat	03:53	3.32	16:37	3.34	10:12	0.97	22:24	1.37
28 Sun	04:55	3.22	17:43	3.31	11:25	0.97	23:38	1.40
29 Mon	06:11	3.24	18:58	3.40			12:38	0.87
30 Tue	07:23	3.38	20:07	3.60	00:58	1.30	13:42	0.72

Date	HIGH WATER				LOW WATER			
	AM	HT.	PM	HT.	AM	HT.	PM	HT.
01 Wed	08:26	3.59	21:06	3.80	02:03	1.12	14:38	0.56
02 Thu	09:23	3.81	21:59	3.97	02:58	0.94	15:30	0.44
03 Fri	10:16	4.00	22:49	4.08	03:49	0.78	16:18	0.37
●04 Sat	11:07	4.15	23:37	4.13	04:38	0.64	17:04	0.35
05 Sun	11:57	4.25			05:26	0.52	17:49	0.38
06 Mon	00:25	4.12	12:48	4.28	06:13	0.45	18:34	0.48
07 Tue	01:13	4.06	13:38	4.24	07:02	0.42	19:20	0.62
08 Wed	02:02	3.96	14:30	4.12	07:54	0.43	20:08	0.79
09 Thu	02:51	3.83	15:23	3.95	08:49	0.48	21:00	0.97
10 Fri	03:42	3.69	16:19	3.76	09:48	0.56	21:56	1.14
11 Sat	04:37	3.57	17:20	3.59	10:52	0.64	23:00	1.27
12 Sun	05:36	3.47	18:26	3.49			12:02	0.70
13 Mon	06:40	3.41	19:34	3.48	00:13	1.32	13:14	0.74
14 Tue	07:48	3.42	20:36	3.53	01:23	1.27	14:17	0.74
15 Wed	08:50	3.49	21:28	3.62	02:22	1.16	15:06	0.74
16 Thu	09:42	3.58	22:13	3.69	03:12	1.02	15:46	0.75
17 Fri	10:26	3.67	22:53	3.74	03:56	0.88	16:23	0.75
18 Sat	11:05	3.73	23:29	3.77	04:38	0.76	16:59	0.76
○19 Sun	11:41	3.77			05:18	0.69	17:34	0.79
20 Mon	00:01</							

March 2021									Add 1 hour for BST Starts 28 March	
Date	HIGH WATER				LOW WATER					
	AM	HT.	PM	HT.	AM	HT.	PM	HT.		
01 Mon	00:51	3.99	13:14	4.13	06:41	0.16	18:47	0.45		
02 Tue	01:30	4.05	13:54	4.10	07:19	0.11	19:26	0.44		
03 Wed	02:08	4.06	14:34	4.00	07:58	0.13	20:07	0.49		
04 Thu	02:47	4.02	15:16	3.84	08:39	0.23	20:52	0.59		
05 Fri	03:30	3.93	16:02	3.65	09:26	0.40	21:42	0.73		
06 Sat	04:21	3.76	16:56	3.43	10:24	0.65	22:47	0.89		
07 Sun	05:24	3.54	18:04	3.23	11:43	0.89				
08 Mon	06:48	3.36	19:33	3.16	00:16	0.98	13:12	1.00		
09 Tue	08:26	3.42	21:02	3.30	01:51	0.90	14:32	0.97		
10 Wed	09:40	3.65	22:05	3.53	03:13	0.71	15:33	0.86		
11 Thu	10:34	3.85	22:55	3.71	04:13	0.51	16:19	0.76		
12 Fri	11:18	3.96	23:36	3.83	04:58	0.38	16:58	0.68		
13 Sat	11:58	4.00			05:35	0.31	17:33	0.60		
14 Sun	00:12	3.91	12:33	4.01	06:08	0.28	18:08	0.54		
15 Mon	00:43	3.97	13:06	3.98	06:39	0.28	18:41	0.54		
16 Tue	01:12	4.00	13:36	3.92	07:08	0.33	19:13	0.58		
17 Wed	01:42	3.99	14:05	3.82	07:36	0.40	19:43	0.64		
18 Thu	02:14	3.91	14:34	3.70	08:02	0.50	20:13	0.70		
19 Fri	02:47	3.77	15:05	3.55	08:32	0.62	20:46	0.79		
20 Sat	03:21	3.60	15:39	3.38	09:06	0.78	21:25	0.91		
21 Sun	03:59	3.40	16:20	3.18	09:49	0.99	22:18	1.07		
22 Mon	04:48	3.18	17:21	2.98	10:50	1.22	23:43	1.18		
23 Tue	06:01	3.00	18:59	2.93			12:32	1.33		
24 Wed	07:46	3.06	20:21	3.10	01:19	1.10	14:08	1.22		
25 Thu	09:02	3.33	21:23	3.34	02:31	0.91	15:05	1.02		
26 Fri	09:56	3.61	22:14	3.58	03:27	0.68	15:49	0.84		
27 Sat	10:43	3.85	23:00	3.78	04:14	0.47	16:29	0.68		
28 Sun	11:26	4.04	23:43	3.95	04:57	0.29	17:07	0.54		
29 Mon			12:09	4.16	05:37	0.14	17:46	0.43		
30 Tue	00:25	4.10	12:51	4.21	06:15	0.05	18:26	0.36		
31 Wed	01:06	4.19	13:32	4.18	06:54	0.03	19:06	0.34		

April 2021									Add 1 hour for BST	
Date	HIGH WATER				LOW WATER					
	AM	HT.	PM	HT.	AM	HT.	PM	HT.		
01 Thu	01:48	4.21	14:14	4.06	07:33	0.09	19:49	0.38		
02 Fri	02:31	4.14	14:57	3.88	08:16	0.26	20:35	0.48		
03 Sat	03:17	3.99	15:44	3.65	09:04	0.50	21:29	0.61		
04 Sun	04:11	3.77	16:39	3.41	10:03	0.80	22:37	0.76		
05 Mon	05:16	3.53	17:47	3.21	11:22	1.05				
06 Tue	06:41	3.39	19:14	3.15	00:06	0.84	12:55	1.14		
07 Wed	08:14	3.49	20:40	3.30	01:42	0.77	14:13	1.06		
08 Thu	09:21	3.71	21:42	3.52	03:00	0.60	15:11	0.93		
09 Fri	10:13	3.87	22:30	3.69	03:55	0.45	15:55	0.80		
10 Sat	10:55	3.95	23:10	3.80	04:35	0.38	16:32	0.69		
11 Sun	11:33	3.97	23:44	3.88	05:08	0.35	17:07	0.59		
12 Mon			12:06	3.96	05:38	0.33	17:42	0.52		
13 Tue	00:13	3.94	12:37	3.95	06:07	0.34	18:16	0.50		
14 Wed	00:43	3.98	13:05	3.91	06:36	0.39	18:48	0.53		
15 Thu	01:14	3.96	13:33	3.84	07:03	0.47	19:17	0.59		
16 Fri	01:47	3.88	14:04	3.74	07:28	0.56	19:46	0.64		
17 Sat	02:20	3.75	14:35	3.60	07:57	0.67	20:19	0.71		
18 Sun	02:55	3.60	15:09	3.43	08:32	0.81	20:57	0.80		
19 Mon	03:34	3.43	15:49	3.25	09:15	1.00	21:49	0.93		
20 Tue	04:23	3.26	16:45	3.07	10:12	1.21	23:04	1.03		
21 Wed	05:30	3.13	18:13	2.99	11:37	1.35				
22 Thu	06:59	3.17	19:35	3.12	00:37	0.98	13:18	1.26		
23 Fri	08:18	3.40	20:40	3.35	01:51	0.80	14:23	1.06		
24 Sat	09:19	3.68	21:36	3.59	02:50	0.59	15:13	0.85		
25 Sun	10:10	3.91	22:26	3.82	03:41	0.39	15:57	0.67		
26 Mon	10:57	4.07	23:13	4.02	04:27	0.23	16:40	0.53		
27 Tue	11:42	4.18	23:59	4.17	05:09	0.12	17:23	0.41		
28 Wed			12:27	4.22	05:50	0.06	18:05	0.34		
29 Thu	00:44	4.27	13:11	4.18	06:31	0.09	18:49	0.31		
30 Fri	01:30	4.27	13:56	4.06	07:13	0.21	19:35	0.34		

May 2021									Add 1 hour for BST	
Date	HIGH WATER				LOW WATER					
	AM	HT.	PM	HT.	AM	HT.	PM	HT.		
01 Sat	02:17	4.19	14:41	3.88	07:58	0.41	20:24	0.42		
02 Sun	03:07	4.02	15:30	3.68	08:47	0.66	21:21	0.52		
03 Mon	04:02	3.80	16:26	3.47	09:46	0.93	22:30	0.64		
04 Tue	05:07	3.59	17:30	3.31	10:58	1.14	23:51	0.70		
05 Wed	06:23	3.48	18:44	3.25			12:24	1.22		
06 Thu	07:43	3.52	20:01	3.32	01:18	0.68	13:41	1.15		
07 Fri	08:49	3.65	21:06	3.47	02:32	0.58	14:39	1.02		
08 Sat	09:41	3.77	21:56	3.61	03:25	0.51	15:24	0.89		
09 Sun	10:25	3.84	22:37	3.72	04:03	0.48	16:03	0.76		
10 Mon	11:03	3.87	23:12	3.80	04:35	0.46	16:40	0.64		
11 Tue	11:37	3.88	23:44	3.86	05:06	0.45	17:17	0.56		
12 Wed			12:08	3.88	05:38	0.47	17:52	0.54		
13 Thu	00:16	3.89	12:37	3.86	06:08	0.53	18:26	0.56		
14 Fri	00:50	3.88	13:08	3.82	06:35	0.60	18:57	0.59		
15 Sat	01:25	3.82	13:41	3.74	07:02	0.67	19:28	0.63		
16 Sun	02:00	3.72	14:15	3.62	07:33	0.75	20:02	0.67		
17 Mon	02:37	3.61	14:50	3.48	08:11	0.86	20:43	0.73		
18 Tue	03:19	3.49	15:31	3.34	08:55	1.00	21:34	0.80		
19 Wed	04:08	3.39	16:25	3.22	09:50	1.15	22:40	0.85		
20 Thu	05:08	3.32	17:37	3.17	11:00	1.25	23:58	0.81		
21 Fri	06:21	3.35	18:51	3.25			12:22	1.22		
22 Sat	07:35	3.50	19:58	3.43	01:10	0.68	13:36	1.07		
23 Sun	08:40	3.71	20:58	3.64	02:12	0.52	14:35	0.89		
24 Mon	09:37	3.89	21:54	3.85	03:07	0.37	15:27	0.72		
25 Tue	10:29	4.03	22:46	4.03	03:58	0.26	16:16	0.58		
26 Wed	11:18	4.11	23:36	4.17	04:45	0.21	17:04	0.46		
27 Thu			12:06	4.14	05:30	0.21	17:51	0.37		
28 Fri	00:26	4.25	12:53	4.11	06:14	0.27	18:38	0.33		
29 Sat	01:15	4.26	13:41	4.03	06:58	0.40	19:27	0.33		
30 Sun	02:05	4.18	14:28	3.90	07:45	0.58	20:19	0.37		
31 Mon	02:57	4.03	15:17	3.75	08:34	0.78	21:15	0.45		

June 2021									Add 1 hour for BST	
Date	HIGH WATER				LOW WATER					
	AM	HT.	PM	HT.	AM	HT.	PM	HT.		
01 Tue	03:50	3.85	16:09	3.61	09:27	0.97	22:15	0.53		
02 Wed	04:48	3.67	17:05	3.48	10:27	1.14	23:21	0.62		
03 Thu	05:52	3.53	18:05	3.39	11:37	1.24				
04 Fri	06:59	3.47	19:10	3.36	00:34	0.67	12:51	1.24		
05 Sat	08:05	3.50	20:15	3.40	01:45	0.67	13:56	1.15		
06 Sun	09:01	3.58	21:11	3.49	02:41	0.66	14:48	1.02		
07 Mon	09:49	3.66	21:59	3.60	03:24	0.64	15:33	0.88		
08 Tue	10:30	3.73	22:40	3.69	04:01	0.63	16:14	0.75		
09 Wed	11:08	3.77	23:18	3.75	04:37	0.63	16:54	0.66		
10 Thu	11:42	3.80	23:55	3.78	05:13	0.65	17:33	0.61		
11 Fri			12:16	3.81	05:46	0.69	18:09	0.60		
12 Sat	00:32	3.79	12:50	3.79	06:16	0.74	18:44	0.60		
13 Sun	01:09	3.77	13:26	3.75	06:46	0.77	19:18	0.61		
14 Mon	01:46	3.74	14:02	3.67	07:20	0.81	19:55	0.62		
15 Tue	02:25	3.68	14:39	3.57	07:59	0.86	20:36	0.64		
16 Wed	03:07	3.62	15:20	3.49	08:43	0.94	21:22	0.66		
17 Thu	03:53	3.56	16:07	3.43	09:32	1.04	22:17	0.67		
18 Fri	04:46	3.51	17:04	3.40	10:30	1.12	23:22	0.66		
19 Sat	05:48	3.50	18:10	3.43	11:38	1.14				
20 Sun	06:56	3.55	19:18	3.52	00:31	0.60	12:52	1.09		
21 Mon	08:04	3.66	20:25	3.66	01:37	0.52	14:00	0.96		
22 Tue	09:07	3.78	21:28	3.81	02:38	0.45	15:02	0.81		
23 Wed	10:05	3.89	22:26	3.96	03:35	0.41	15:59	0.66		
24 Thu	10:59	3.97	23:21	4.09	04:28	0.40	16:53	0.52		
25 Fri	11:51	4.02			05:18	0.43	17:45	0.40		
26 Sat	00:14	4.17	12:40	4.03	06:04	0.48	18:35	0.33		
27 Sun	01:04	4.21	13:28	4.02	06:49	0.57	19:25	0.30		
28 Mon	01:54	4.17	14:14	3.97	07:33	0.68	20:13	0.33		
29 Tue	02:42	4.06	14:59	3.88	08:17	0.80	21:01	0.39		