PD PORTS

TEESPORT TIDE TABLES 2027

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Head Office
17-27 QUEEN'S SQUARE, MIDDLESBROUGH TS2 1AH
Tel: +44 1642 877000
Email: enquiries@pdports.co.uk

Tees Dock
Tel: +44 1642 277502

Hartlepool Docks
Tel: +44 1429 427404

Harbour Master
Tel: +44 1642 277201
Email: harbourmaster@pdports.co.uk

VTS Centre (24 HOURS)
Shipping Information
Tel: +44 1642 277205/6
Email: tees.vts@pdports.co.uk

Marine Office
Tel: +44 1642 877101/2

Every care has been exercised to ensure accuracy, but PD Ports does not accept responsibility for any inaccuracy on the part of themselves or others.

Times throughout are Greenwich Mean Time British Summer Time commences 28th March and ends 31st October.

Arrangements for the acceptance of vessels should be made with the VTS Centre on all occasions.

All depths are expressed as nominal dredged depths at Lowest Astronomical Tide (LAT) and are affected by both siltation and tidal conditions. Detailed information on these conditions, or when vessels approach the maximum indicated for a particular dock or berth, should always be obtained from the port operations centre (24 hours).

Heights are given in metres; however, it should be noted that the tidal predictions may be subject to error due to meteorological reasons.

TEESPORT: A BRIEF HISTORY

The River Tees rises on the slopes of Crossfell and works its way 109km to the sea at Middlesbrough.

The Tees has been commercially important since the 13th Century, when a crossing point was needed on the trade route between Durham and York. Its main port was originally Yarm and vessels of up to 65 tonnes would sail the 37km upstream.

The construction of a low level bridge at Stockton in 1770 cut off

Yarm and trade moved down river. With the discovery of local iron ore and coal in the 1800's, traffic increased and the extension of the railway to Middlesbrough in 1826 moved activity nearer to the river mouth.

In **1911**, Middlesbrough's new Transporter Bridge still allowed tallmasted vessels to proceed to Stockton and 1934 saw the building of the Tees (Newport) Bridge. In 1963, Tees Dock was constructed and opened, followed by an Act of Parliament in 1966 which established Tees and Hartlepool Port Authority as the controlling body for the river. Later in the l 990's, the Port was privatised and today Teesport remains a port authority with complete responsibility for river conservancy.

Tees and Hartlepool Ports

Tees and Hartlepool are deep-water, lock free ports on the North East coast of England. Approximately 5,000 vessels (up to 200,000 dwt) berth each year, carrying a diverse range of cargoes from all corners of the globe. Collectively, the ports are a key driver in the North-east economy and a key piece of UK infrastructure.

Tees Valley and the River Tees

The area is strongly associated with petrochemical, manufacturing and engineering industries.

Companies based at Seal Sands, a major petrochemical complex on the North bank of the river, include Wood Group and ConocoPhillips who are responsible for the two major North Sea pipelines which come ashore on Teesside. Thirty more companies are located along a 17km stretch of the river, including ICL, SABIC, Exolum, Navigator Terminals and Greenergy.

Smaller wharves, including AV Dawson, Able and Portrack Seafreight, offer handling and storage facilities, primarily for dry bulks, steel and project cargoes.

Other companies are involved in specialist support services to the oil, gas and renewable energy sectors; several of these are located at Teesport Commerce Park, a major offshore support facility.

Tees Dock Bulks Terminal

In addition to its role as Statutory Harbour Authority, PD Ports also operates Tees Dock, a major deep-sea complex and national asset for trade.

Tees Dock Bulks Terminal is located on the South Bank of the River Tees, offering lock-free access to the North Sea just 8km away. Comprising three berths that span 750m of recently refurbished

quay, and with a dredged depth of 14.5m at LAT, the facility is complimented by 3 x l 001Gottwald Harbour Mobile Cranes and 2 x 1401 state of the art Liebherr electrified rail mounted cranes - the first in the UK.

As the North East's leading dry bulk port, over three million tonnes are handled annually over the quay covering a wide array of sectors including animal feeds, biomass, fertiliser, aggregates, cement, breakbulk and recycled metals. The terminal also specialises in project cargoes and heavy lifts.

Significant investment in warehousing over recent years has also created bespoke, quality, covered storage options for customers with direct access to the quayside, complimented by vast amounts of open storage suitable for multiple cargoes.

Teesport Container Terminal

There are two container terminals at Teesport, both 8km inland and located within the Teesport Estate. Over the last seven years, the container terminal has seen £120 million invested, bringing improvements in infrastructure and state-of-the-art equipment to increase capacity. TCTl is a riverside facility consisting of two berths with a continuous quay of 294m. Tees Dock 9 has an alongside depth of 7.5m (LAT) and Tees Dock 8 has a depth of 8.5m (LAT). Each has a ship-to shore gantry crane with a maximum lifting capacity of 40 tonnes. TCT2, located within Tees Dock, consists of two berths with a continuous quay of 360m and an alongside depth of 10.9 (LAT). There are three Liebherr gantry cranes capable of handling Panamax size vessels and lifting up to 45 tonnes. The terminal has rubber tyre gantry cranes, an integrated terminal operating system and extensive box storage areas, and an innovative gate automation process.

Hartlepool Dock

Hartlepool is situated 6 kilometres to the north of the River Tees. The port efficiently manages a wide variety of break bulk, dry bulk, finished and semi-finished steel products, while also offering essential support activities for the offshore market. The facility features a substantial tidal harbour that provides direct access to the sea, complemented by a smaller, enclosed basin. The primary tidal harbour has a dredged depth of 6.8 meters (LAT). The three primary quays, Victoria Quay, Irvine's Quay, and the Deep-Water Berth, feature continuous lengths of: 150m, 380m, and 300m, respectively. Additionally, the marine infrastructure encompasses one floating, and three Ro/Ro ramps designed for roll-on/roll-off

vessel operations. The entrance to the enclosed North Basin is limited by a width of 21.3 meters and a depth-on-sill of 3.11 meters (LAT). The lock gates typically operate from one hour prior to high water until one hour following high water. Cargo handling operations are managed via 2 x 63t Harbour mobiles, 1 x 125t Harbour mobile and 1 Material Handler, designed for Cargo handling, which are supported by a comprehensive selection of bulk grabs and equipment for handling general cargo, the port also features rail connectivity, facilitating a diverse array of intermodal traffic. All of which offers an environmentally sustainable and cost-efficient approach to all cargo handling operations.

General

A traffic control system operates on the Tees for the movement of certain types of vessels. Apart from these restrictions and tidal limitations, Teesport and Hartlepool are open to shipping 24 hours a day. Clearances at the Tees River Crossings (in metres at MHWS) are as follows:

Priestman Bridge.....2.1
A19 Road Bridge.....18.3
Tees (Newport) Bridge.....6.4
Transporter Bridge 48.8
Teesport Cable Crossing 93.2
(Effective Safe Height .....87.9)

Svitzer Marine Ltd +44 (0) 0345 6081341 and Boluda Towage +44 (0) 01642 917777 provide towing services for the Ports of Tees and Hartlepool.

Pilotage (Tees Bay Pilots +44 (0) 1642 485648) for the Ports of Tees and Hartlepool is compulsory for certain categories of ships (details of which are available from the Harbour Master). This service is provided by the Tees and Hartlepool Pilotage Company Ltd.

Tees Licensed Foyboatmen +44(0) 1642 244298 & Hartlepool Licensed Foyboatmen 07894206412 provide a 24-hour mooring service.

River Tees Predictions

River Tees predictions are related to Lowest Astronomical Tide (LAT), which is Chart Datum on the Admiralty Metric Charts Nos. 2566 and 2567 and is 2.85m below Ordnance Datum (Newlyn).

Hartlepool Predictions

Hartlepool predictions are related to Lowest Astronomical Tide (LAT), which is Chart Datum on the Admiralty Metric Charts Nos. 2566 and 2567 and is 2. 70m below Ordnance Datum (Newlyn).

River Tees Barrage

Mariners are advised that the Barrage has the effect of truncating the salt water wedge in that vicinity, causing a change in the tidal flow of the river.

It is possible that this effect may be felt a number of miles downstream of the Barrage and could in some instances result in actual tidal flows being opposite to those which the predictions would cause Mariners to expect.

The tidal information for the River Tees entrance and Hartlepool is reproduced with the permission of the United Kingdom Hydrographic Office and the Controller of her Majesty's Stationery Office. Crown copyright reserved.

In the times shown in these tables, 00h is midnight and 12h is noon.

RIVER TEES TIDE TABLES

JANUARY 2027 –
DECEMBER 2027

RIVER TEES ENTRANCE
LAT 54°38′N LONG 1°09′W

January 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0408	1.6	**9**	0435	4.9	**17**	0352	1.8	**25**	0534	5.5
	1022	4.4		1034	1.5		1019	4.3		1146	0.9
F	1629	2.2	SA	1633	5.2	**SU**	1623	2.1	M	1741	5.8
	2237	4.5		2303	1.2		2232	4.5			
2	0515	1.8	**10**	0508	4.9	**18**	0506	1.8	**26**	0017	0.3
	1126	4.3		1106	1.5		1127	4.3		0619	5.4
SA	1743	2.2	**SU**	1705	5.2	M	1743	2.0	TU	1225	1.0
	2348	4.4		2336	1.1		2348	4.6		1825	5.7
3	0622	1.9	**11**	0541	4.9	**19**	0623	1.8	**27**	0059	0.5
	1230	4.4		1140	1.5		1235	4.5		0703	5.2
SU	1852	2.0	M	1739	5.2	TU	1859	1.7	W	1305	1.3
										1908	5.4
4	0056	4.5	**12**	0008	1.1	**20**	0102	4.7	**28**	0140	0.9
	0721	1.9		0616	4.8		0735	1.6		0747	4.9
M	1326	4.5	TU	1214	1.5	W	1338	4.8	TH	1345	1.5
	1949	1.9		1815	5.1		2008	1.3		1955	5.1
5	0153	4.5	**13**	0042	1.2	**21**	0209	5.0	**29**	0223	1.3
	0808	1.8		0653	4.8		0837	1.4		0834	4.6
TU	1413	4.7	W	1250	1.6	TH	1435	5.1	F	1430	1.8
	2036	1.6		1852	5.0		2108	0.9	☾	2048	4.7
6	0241	4.7	**14**	0119	1.3	**22**	0307	5.2	**30**	0312	1.7
	0849	1.7		0735	4.6		0930	1.1		0926	4.3
W	1453	4.9	TH	1328	1.8	F	1526	5.4	SA	1529	2.1
	2117	1.5		1933	4.9	○	2201	0.6		2150	4.4
7	0322	4.8	**15**	0201	1.4	**23**	0359	5.4	**31**	0416	2.1
	0926	1.6		0821	4.5		1018	1.0		1029	4.1
TH	1529	5.0	F	1413	1.9	SA	1613	5.6	**SU**	1652	2.3
●	2154	1.3	☽	2022	4.8		2249	0.3		2306	4.1
8	0400	4.8	**16**	0251	1.6	**24**	0448	5.5			
	1001	1.5		0916	4.4		1103	0.9			
F	1601	5.1	SA	1509	2.0	**SU**	1658	5.8			
	2230	1.2		2122	4.6		2335	0.2			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE
LAT 54°38′N LONG 1°09′W

February 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0538	2.3	**9**	0516	5.1	**17**	0611	2.0	**25**	0027	0.5
	1144	4.1		1120	1.2		1218	4.4		0627	5.2
M	1824	2.2	TU	1714	5.3	W	1854	1.7	TH	1232	1.0
				2344	0.9					1837	5.4
2	0031	4.1	**10**	0547	5.0	**18**	0059	4.6	**26**	0102	0.9
	0655	2.2		1151	1.2		0731	1.7		0705	4.9
TU	1259	4.2	W	1745	5.3	TH	1329	4.7	F	1306	1.3
	1933	2.0					2005	1.2		1920	5.0
3	0139	4.3	**11**	0015	0.9	**19**	0207	4.9	**27**	0137	1.4
	0750	2.1		0620	5.0		0830	1.4		0745	4.6
W	1355	4.5	TH	1223	1.3	F	1425	5.1	SA	1345	1.7
	2023	1.7		1820	5.2		2101	0.7		2009	4.6
4	0229	4.5	**12**	0049	1.1	**20**	0300	5.2	**28**	0217	1.9
	0834	1.8		0657	4.8		0919	1.1		0832	4.3
TH	1438	4.7	F	1257	1.4	SA	1513	5.5	**SU**	1435	2.0
	2104	1.4		1858	5.1	○	2149	0.4	☾	2109	4.2
5	0309	4.7	**13**	0126	1.3	**21**	0347	5.4			
	0912	1.6		0738	4.6		1003	0.9			
F	1514	5.0	SA	1337	1.6	**SU**	1557	5.7			
	2140	1.2		1946	4.9		2233	0.2			
6	0345	4.9	**14**	0211	1.6	**22**	0429	5.5			
	0946	1.5		0830	4.4		1044	0.8			
SA	1546	5.1	**SU**	1429	1.8	M	1638	5.8			
●	2213	1.1	☽	2047	4.6		2313	0.1			
7	0417	5.0	**15**	0310	1.9	**23**	0510	5.5			
	1018	1.3		0937	4.2		1122	0.7			
SU	1616	5.2	M	1544	2.0	TU	1717	5.8			
	2244	0.9		2206	4.4		2351	0.3			
8	0447	5.0	**16**	0434	2.1	**24**	0549	5.4			
	1049	1.2		1056	4.2		1158	0.8			
M	1645	5.3	TU	1722	2.0	W	1757	5.7			
	2314	0.9		2335	4.3						

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE
LAT 54°38′N LONG 1°09′W

March 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0312	2.3	**9**	0418	5.1	**17**	0421	2.2	**25**	0516	5.3
	0933	4.0		1024	1.0		1038	4.1		1128	0.8
M	1600	2.3	TU	1617	5.3	W	1719	1.8	TH	1729	5.5
	2228	3.9		2246	0.7		2333	4.3		2354	0.7
2	0448	2.5	**10**	0446	5.2	**18**	0606	2.1	**26**	0551	5.1
	1055	3.9		1055	1.0		1206	4.4		1202	1.0
TU	1752	2.3	W	1646	5.4	TH	1850	1.5	F	1809	5.2
				2316	0.7						
3	0003	3.9	**11**	0516	5.2	**19**	0057	4.5	**27**	0025	1.1
	0625	2.4		1126	1.0		0720	1.8		0626	4.9
W	1225	4.1	TH	1717	5.4	F	1316	4.8	SA	1236	1.2
	1909	2.0		2348	0.8		1953	1.0		1851	4.9
4	0118	4.1	**12**	0548	5.1	**20**	0157	4.9	**28**	0057	1.5
	0726	2.2		1158	1.0		0813	1.4		0704	4.6
TH	1328	4.4	F	1753	5.3	SA	1409	5.1	**SU**	1313	1.5
	1959	1.7					2044	0.6		1938	4.5
5	0207	4.4	**13**	0021	0.9	**21**	0244	5.2	**29**	0133	1.9
	0810	1.9		0624	4.9		0859	1.1		0748	4.4
F	1413	4.6	SA	1233	1.2	**SU**	1454	5.5	M	1400	1.9
	2039	1.4		1836	5.1		2128	0.3		2035	4.1
6	0245	4.7	**14**	0059	1.2	**22**	0326	5.4	**30**	0221	2.3
	0848	1.6		0706	4.7		0940	0.9		0844	4.1
SA	1449	4.9	**SU**	1315	1.4	M	1535	5.6	TU	1516	2.2
	2115	1.1		1927	4.8	○	2209	0.2	☾	2151	3.9
7	0319	4.9	**15**	0144	1.6	**23**	0405	5.4	**31**	0354	2.5
	0922	1.4		0759	4.4		1018	0.7		1003	3.9
SU	1520	5.1	M	1411	1.7	TU	1613	5.7	W	1707	2.2
	2147	0.9	☽	2033	4.5		2246	0.3		2324	3.8
8	0350	5.0	**16**	0245	2.0	**24**	0441	5.4			
	0953	1.2		0910	4.2		1054	0.7			
M	1549	5.2	TU	1532	1.9	W	1651	5.7			
●	2217	0.8		2158	4.2		2321	0.5			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE
LAT 54°38′N LONG 1°09′W

April 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0541	2.5	**9**	0447	5.2	**17**	0041	4.6	**25**	0553	4.9
	1136	4.0		1103	0.8		0655	1.7		1214	1.2
TH	1827	2.0	F	1656	5.4	SA	1253	4.8	**SU**	1828	4.7
				2323	0.8		1930	0.9			
2	0039	4.1	**10**	0523	5.2	**18**	0136	4.9	**26**	0027	1.6
	0647	2.2		1140	0.9		0747	1.4		0632	4.7
F	1245	4.3	SA	1738	5.3	**SU**	1345	5.1	M	1253	1.5
	1921	1.7					2019	0.7		1914	4.4
3	0131	4.3	**11**	0000	1.0	**19**	0220	5.1	**27**	0104	1.9
	0734	1.9		0603	5.0		0832	1.1		0717	4.5
SA	1332	4.5	**SU**	1220	1.0	M	1430	5.3	TU	1339	1.7
	2002	1.4		1827	5.0		2102	0.5		2007	4.2
4	0210	4.6	**12**	0041	1.3	**20**	0300	5.2	**28**	0151	2.2
	0813	1.6		0649	4.8		0913	1.0		0810	4.3
SU	1410	4.8	M	1309	1.3	TU	1511	5.4	W	1443	2.0
	2039	1.1		1924	4.7	○	2140	0.5	☾	2112	4.0
5	0243	4.8	**13**	0131	1.7	**21**	0337	5.3	**29**	0303	2.4
	0848	1.3		0746	4.5		0952	0.8		0915	4.1
M	1443	5.0	TU	1411	1.5	W	1550	5.4	TH	1608	2.0
	2112	0.9	☽	2034	4.4		2217	0.6		2229	3.9
6	0314	5.0	**14**	0240	2.0	**22**	0412	5.2	**30**	0438	2.4
	0922	1.1		0859	4.3		1028	0.8		1033	4.1
TU	1514	5.2	W	1537	1.6	TH	1628	5.4	F	1726	1.9
●	2143	0.7		2158	4.2		2250	0.8		2342	4.1
7	0344	5.2	**15**	0417	2.2	**23**	0445	5.2			
	0955	0.9		1025	4.3		1103	0.9			
W	1546	5.3	TH	1711	1.5	F	1706	5.2			
	2215	0.7		2327	4.3		2323	1.0			
8	0415	5.2	**16**	0547	2.0	**24**	0519	5.1			
	1028	0.8		1148	4.5		1138	1.0			
TH	1619	5.4	F	1830	1.2	SA	1746	5.0			
	2248	0.7					2355	1.3			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE

LAT 54°38′N LONG 1°09′W

May 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0550	2.3	**9**	0507	5.2	**17**	0106	4.7	**25**	0006	1.6
	1143	4.2		1130	0.8		0716	1.5		0610	4.8
SA	1826	1.7	**SU**	1734	5.2	M	1318	5.0	TU	1238	1.4
				2349	1.1		1949	1.0		1854	4.5
2	0038	4.3	**10**	0551	5.1	**18**	0153	4.9	**26**	0044	1.8
	0644	2.0		1219	0.9		0805	1.3		0653	4.7
SU	1237	4.5	M	1828	5.0	TU	1406	5.1	W	1321	1.6
	1913	1.4					2033	0.9		1941	4.3
3	0122	4.5	**11**	0036	1.4	**19**	0235	5.0	**27**	0129	2.0
	0728	1.7		0642	4.9		0849	1.2		0741	4.5
M	1321	4.7	TU	1313	1.0	W	1450	5.1	TH	1411	1.7
	1954	1.2		1928	4.8		2113	1.0		2033	4.2
4	0159	4.8	**12**	0131	1.7	**20**	0312	5.0	**28**	0224	2.2
	0808	1.4		0741	4.7		0929	1.1		0835	4.4
TU	1401	4.9	W	1418	1.2	TH	1531	5.1	F	1510	1.8
	2032	1.0		2035	4.5	○	2150	1.0	☾	2132	4.1
5	0235	5.0	**13**	0240	1.9	**21**	0347	5.1	**29**	0332	2.3
	0847	1.2		0849	4.6		1007	1.0		0936	4.3
W	1439	5.2	TH	1531	1.3	F	1611	5.1	SA	1614	1.8
	2109	0.8	☽	2148	4.4		2225	1.2		2234	4.1
6	0310	5.1	**14**	0359	2.0	**22**	0421	5.1	**30**	0442	2.2
	0926	1.0		1005	4.6		1045	1.0		1038	4.3
TH	1518	5.3	F	1647	1.3	SA	1650	5.0	**SU**	1716	1.7
●	2147	0.7		2303	4.4		2259	1.3		2333	4.3
7	0347	5.2	**15**	0514	2.0	**23**	0455	5.0	**31**	0543	2.1
	1005	0.8		1119	4.6		1122	1.1		1138	4.4
F	1600	5.4	SA	1757	1.2	**SU**	1730	4.8	M	1813	1.6
	2226	0.8					2332	1.4			
8	0425	5.3	**16**	0010	4.6	**24**	0530	4.9			
	1046	0.7		0620	1.8		1200	1.2			
SA	1645	5.4	**SU**	1223	4.8	M	1811	4.7			
	2306	0.9		1858	1.0						

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE

LAT 54°38′N LONG 1°09′W

June 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m		Time	m		Time	m		Time	m
1	0026	4.4	**9**	0036	1.3	**17**	0212	4.8	**25**	0105	1.8
	0638	1.8		0637	5.2		0831	1.4		0711	4.8
TU	1232	4.6	W	1313	0.7	TH	1436	4.8	F	1338	1.5
	1905	1.4		1923	5.0		2052	1.4		1955	4.5
2	0114	4.6	**10**	0128	1.5	**18**	0253	4.9	**26**	0148	1.9
	0727	1.6		0732	5.1		0914	1.3		0756	4.6
W	1322	4.9	TH	1410	0.8	F	1520	4.9	SA	1423	1.6
	1953	1.2		2022	4.8		2131	1.4		2043	4.4
3	0159	4.9	**11**	0226	1.7	**19**	0330	5.0	**27**	0238	2.0
	0815	1.3		0831	4.9		0954	1.2		0847	4.5
TH	1411	5.1	F	1510	1.0	SA	1601	4.9	**SU**	1514	1.7
	2039	1.0	☽	2123	4.6	○	2207	1.4	☾	2137	4.3
4	0242	5.0	**12**	0328	1.8	**20**	0405	5.0	**28**	0337	2.1
	0902	1.0		0936	4.8		1032	1.1		0944	4.5
F	1500	5.2	SA	1613	1.2	**SU**	1639	4.9	M	1613	1.7
●	2125	0.9		2227	4.5		2242	1.4		2235	4.3
5	0326	5.2	**13**	0435	1.9	**21**	0439	5.0	**29**	0443	2.1
	0950	0.8		1043	4.7		1109	1.1		1046	4.5
SA	1549	5.3	**SU**	1718	1.3	M	1716	4.8	TU	1717	1.7
	2211	0.9		2331	4.5		2316	1.5		2336	4.3
6	0411	5.3	**14**	0542	1.9	**22**	0513	5.0	**30**	0549	1.9
	1038	0.7		1150	4.7		1146	1.2		1150	4.6
SU	1640	5.3	M	1822	1.4	TU	1753	4.8	W	1821	1.6
	2258	1.0					2350	1.5			
7	0457	5.3	**15**	0032	4.5	**23**	0549	5.0			
	1128	0.6		0646	1.7		1222	1.3			
M	1733	5.3	TU	1252	4.7	W	1831	4.7			
	2346	1.1		1919	1.4						
8	0545	5.3	**16**	0125	4.6	**24**	0026	1.6			
	1220	0.6		0742	1.6		0629	4.9			
TU	1827	5.2	W	1347	4.8	TH	1258	1.4			
				2009	1.4		1911	4.6			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE
LAT 54°38′N LONG 1°09′W

July 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m		Time	m		Time	m		Time	m
1 TH	0034	4.5	**9** F	0112	1.2	**17** SA	0239	4.8	**25** SU	0113	1.6
	0652	1.7		0712	5.4		0904	1.4		0716	4.9
	1253	4.7		1349	0.6		1511	4.8		1342	1.4
	1922	1.5		1956	5.0		2116	1.6		1959	4.6
2 F	0130	4.7	**10** SA	0159	1.4	**18** SU	0318	4.9	**26** M	0154	1.8
	0751	1.4		0804	5.2		0943	1.3		0801	4.7
	1352	5.0		1439	1.0		1549	4.9		1428	1.6
	2019	1.3	☽	2049	4.7	○	2153	1.5	☾	2049	4.4
3 SA	0223	5.0	**11** SU	0251	1.7	**19** M	0352	5.1	**27** TU	0244	2.0
	0848	1.1		0901	4.9		1019	1.1		0856	4.6
	1449	5.2		1534	1.3		1625	4.9		1523	1.8
	2113	1.1		2145	4.5		2227	1.4		2148	4.3
4 SU	0312	5.2	**12** M	0352	1.9	**20** TU	0424	5.1	**28** W	0351	2.1
	0942	0.8		1005	4.7		1053	1.1		1004	4.5
	1543	5.3		1636	1.6		1659	4.9		1633	1.9
●	2204	1.0		2247	4.3		2259	1.4		2255	4.3
5 M	0401	5.4	**13** TU	0503	2.0	**21** W	0455	5.2	**29** TH	0511	2.0
	1034	0.5		1116	4.5		1126	1.1		1121	4.5
	1635	5.5		1746	1.8		1731	4.9		1751	1.9
	2253	0.9		2355	4.3		2331	1.4			
6 TU	0448	5.6	**14** W	0619	2.0	**22** TH	0527	5.2	**30** F	0005	4.4
	1124	0.3		1231	4.4		1157	1.1		0630	1.8
	1726	5.5		1854	1.9		1803	4.9		1236	4.6
	2340	1.0								1906	1.7
7 W	0535	5.6	**15** TH	0100	4.4	**23** F	0003	1.4	**31** SA	0111	4.7
	1213	0.3		0726	1.8		0601	5.1		0740	1.4
	1816	5.4		1335	4.5		1229	1.2		1343	4.9
				1950	1.8		1838	4.8		2010	1.5
8 TH	0026	1.0	**16** F	0155	4.6	**24** SA	0037	1.5			
	0623	5.6		0820	1.6		0637	5.0			
	1300	0.4		1427	4.6		1304	1.3			
	1906	5.2		2037	1.7		1917	4.7			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE
LAT 54°38′N LONG 1°09′W

August 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m		Time	m		Time	m		Time	m
1	0209	5.0	**9**	0211	1.6	**17**	0333	5.1	**25**	0206	1.9
	0840	1.0		0826	4.9		0959	1.1		0821	4.6
SU	1442	5.2	M	1451	1.6	TU	1603	5.0	W	1444	1.9
	2105	1.2	☽	2101	4.5	○	2205	1.3	☾	2107	4.3
2	0300	5.3	**10**	0308	1.9	**18**	0403	5.2	**26**	0315	2.1
	0935	0.6		0929	4.5		1030	1.0		0937	4.4
M	1534	5.4	TU	1552	2.0	W	1633	5.1	TH	1602	2.1
●	2155	1.0		2202	4.2		2236	1.2		2224	4.2
3	0348	5.6	**11**	0426	2.2	**19**	0431	5.3	**27**	0451	2.1
	1024	0.3		1045	4.2		1059	0.9		1105	4.4
TU	1623	5.6	W	1711	2.2	TH	1702	5.1	F	1737	2.1
	2241	0.8		2317	4.1		2306	1.2		2345	4.3
4	0433	5.8	**12**	0559	2.1	**20**	0500	5.3	**28**	0622	1.8
	1111	0.1		1213	4.2		1128	1.0		1230	4.6
W	1709	5.6	TH	1832	2.3	F	1731	5.1	SA	1858	1.9
	2324	0.8					2337	1.2			
5	0517	5.9	**13**	0036	4.3	**21**	0530	5.3	**29**	0057	4.7
	1154	0.1		0714	1.9		1158	1.0		0733	1.3
TH	1754	5.6	F	1324	4.4	SA	1803	5.0	**SU**	1338	4.9
				1933	2.1					2000	1.5
6	0005	0.8	**14**	0137	4.5	**22**	0008	1.3	**30**	0155	5.1
	0601	5.8		0808	1.7		0602	5.2		0830	0.8
F	1236	0.3	SA	1415	4.6	**SU**	1230	1.1	M	1432	5.3
	1838	5.4		2020	1.9		1838	4.9		2051	1.2
7	0045	1.0	**15**	0223	4.8	**23**	0041	1.4	**31**	0244	5.5
	0646	5.6		0849	1.4		0639	5.1		0920	0.4
SA	1319	0.7	**SU**	1455	4.8	M	1307	1.4	TU	1519	5.5
	1923	5.1		2058	1.7		1917	4.7	●	2136	0.9
8	0126	1.3	**16**	0300	5.0	**24**	0118	1.6			
	0733	5.3		0925	1.2		0723	4.9			
SU	1402	1.1	M	1531	4.9	TU	1349	1.6			
	2009	4.8		2133	1.5		2005	4.5			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE September 2027

LAT 54°38′N LONG 1°09′W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE **UT (GMT)**

	Time	m	Time	m	Time	m	Time	m
1	0329	5.8	**9** 0350	2.2	**17** 0402	5.4	**25** 0444	1.9
	1005	0.2	1016	4.1	1028	0.9	1059	4.3
W	1603	5.7	TH 1634	2.5	F 1629	5.3	SA 1728	2.2
	2219	0.7	2236	4.1	2238	1.1	2328	4.4
2	0411	5.9	**10** 0536	2.2	**18** 0429	5.4	**26** 0614	1.6
	1048	0.1	1151	4.1	1056	0.9	1224	4.6
TH	1644	5.7	F 1806	2.5	SA 1658	5.2	**SU** 1844	1.9
	2259	0.7			2309	1.1		
3	0452	6.0	**11** 0005	4.2	**19** 0500	5.4	**27** 0040	4.8
	1128	0.2	0652	2.0	1127	1.0	0719	1.1
F	1725	5.6	SA 1303	4.3	**SU** 1729	5.2	M 1325	5.0
	2338	0.8	1908	2.2	2341	1.2	1941	1.5
4	0534	5.8	**12** 0110	4.5	**20** 0533	5.3	**28** 0136	5.2
	1207	0.5	0743	1.7	1201	1.1	0812	0.7
SA	1805	5.4	**SU** 1351	4.6	M 1804	5.0	TU 1414	5.3
			1954	1.9			2029	1.2
5	0014	0.9	**13** 0156	4.8	**21** 0015	1.3	**29** 0223	5.6
	0616	5.6	0822	1.4	0614	5.1	0858	0.4
SU	1244	0.9	M 1429	4.8	TU 1237	1.4	W 1457	5.5
	1846	5.1	2032	1.7	1844	4.8	2112	0.9
6	0052	1.2	**14** 0233	5.0	**22** 0055	1.5	**30** 0306	5.8
	0701	5.2	0857	1.2	0702	4.9	0941	0.3
M	1323	1.3	TU 1503	5.0	W 1320	1.7	TH 1538	5.6
	1928	4.8	2106	1.4	1934	4.6	● 2153	0.8
7	0134	1.6	**15** 0305	5.2	**23** 0146	1.8		
	0752	4.8	0929	1.0	0805	4.6		
TU	1406	1.8	W 1534	5.1	TH 1417	2.1		
☽	2016	4.5	○ 2137	1.3	☾ 2040	4.3		
8	0227	1.9	**16** 0334	5.3	**24** 0301	2.0		
	0855	4.4	0959	0.9	0927	4.3		
W	1505	2.3	TH 1602	5.2	F 1545	2.3		
	2116	4.2	2208	1.1	2202	4.3		

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE

LAT 54°38′N LONG 1°09′W

October 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0347	5.9	**9**	0454	2.2	**17**	0402	5.4	**25**	0551	1.4
	1021	0.3		1112	4.0		1027	0.9		1205	4.7
F	1617	5.6	SA	1723	2.6	**SU**	1629	5.3	M	1817	1.9
	2232	0.7		2317	4.2		2245	1.0			
2	0427	5.8	**10**	0611	2.0	**18**	0437	5.4	**26**	0015	4.9
	1059	0.5		1225	4.2		1101	1.0		0655	1.1
SA	1654	5.5	**SU**	1829	2.3	M	1703	5.3	TU	1303	5.0
	2310	0.8					2321	1.1		1914	1.6
3	0508	5.7	**11**	0026	4.4	**19**	0516	5.3	**27**	0112	5.2
	1135	0.8		0704	1.7		1137	1.2		0746	0.8
SU	1732	5.4	M	1315	4.5	TU	1741	5.1	W	1351	5.2
	2347	1.0		1917	2.0					2003	1.3
4	0550	5.4	**12**	0116	4.7	**20**	0000	1.2	**28**	0200	5.4
	1210	1.1		0745	1.5		0603	5.1		0832	0.7
M	1809	5.1	TU	1354	4.8	W	1217	1.5	TH	1433	5.4
				1956	1.7		1825	4.9		2047	1.1
5	0024	1.2	**13**	0155	4.9	**21**	0045	1.4	**29**	0244	5.6
	0635	5.0		0821	1.2		0657	4.8		0914	0.6
TU	1245	1.6	W	1428	5.0	TH	1304	1.8	F	1513	5.5
	1849	4.9		2032	1.5		1918	4.7	●	2129	0.9
6	0105	1.6	**14**	0229	5.1	**22**	0143	1.6	**30**	0326	5.6
	0724	4.7		0854	1.1		0803	4.6		0954	0.7
W	1325	2.0	TH	1459	5.1	F	1406	2.1	SA	1550	5.5
	1935	4.6		2105	1.3	☾	2024	4.5		2209	0.9
7	0156	1.9	**15**	0300	5.3	**23**	0301	1.7	**31**	0407	5.5
	0824	4.3		0925	1.0		0922	4.4		1031	0.9
TH	1417	2.4	F	1528	5.3	SA	1536	2.3	**SU**	1627	5.4
☽	2031	4.3	○	2138	1.1		2144	4.5		2247	0.9
8	0314	2.2	**16**	0331	5.4	**24**	0432	1.7			
	0942	4.0		0955	0.9		1048	4.4			
F	1548	2.6	SA	1557	5.3	**SU**	1706	2.2			
	2148	4.1		2211	1.0		2306	4.6			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE November 2027

LAT 54°38′N LONG 1°09′W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE UT (GMT)

	Time	m	Time	m	Time	m	Time	m
1 M	0448	5.4	**9** TU	0610	1.9	**17** W	0511	5.3	**25** TH	0044	5.0
	1107	1.1		1224	4.4		1124	1.2		0718	1.1
	1702	5.3		1827	2.2		1728	5.3		1325	5.0
	2325	1.1					2356	1.0		1938	1.5
2 TU	0530	5.2	**10** W	0021	4.5	**18** TH	0601	5.1	**26** F	0138	5.1
	1141	1.4		0658	1.6		1209	1.5		0807	1.1
	1739	5.1		1308	4.6		1815	5.1		1410	5.1
				1913	1.9					2026	1.3
3 W	0004	1.3	**11** TH	0108	4.7	**19** F	0046	1.1	**27** SA	0227	5.2
	0614	4.9		0739	1.4		0658	4.9		0851	1.1
	1215	1.7		1346	4.8		1300	1.7		1452	5.2
	1819	4.9		1953	1.6		1909	5.0		2111	1.2
4 TH	0045	1.5	**12** F	0148	4.9	**20** SA	0145	1.3	**28** **SU**	0312	5.2
	0701	4.6		0816	1.2		0800	4.7		0932	1.1
	1253	2.0		1420	5.0		1401	2.0		1530	5.3
	1903	4.7		2032	1.4		2011	4.8	●	2152	1.1
5 F	0133	1.8	**13** SA	0226	5.1	**21** **SU**	0253	1.4	**29** M	0354	5.2
	0755	4.3		0851	1.1		0910	4.6		1010	1.2
	1340	2.3		1454	5.2		1516	2.1		1606	5.3
	1954	4.5		2109	1.2	☾	2122	4.7		2232	1.1
6 SA	0234	2.0	**14** **SU**	0303	5.3	**22** M	0405	1.4	**30** TU	0436	5.1
	0900	4.1		0927	1.0		1022	4.5		1046	1.4
	1450	2.5		1530	5.3		1632	2.1		1642	5.2
☽	2057	4.3	○	2148	1.1		2234	4.8		2311	1.1
7 **SU**	0353	2.1	**15** M	0343	5.3	**23** TU	0517	1.3			
	1015	4.1		1004	1.0		1132	4.7			
	1618	2.6		1606	5.3		1742	2.0			
	2213	4.3		2228	1.0		2343	4.9			
8 M	0509	2.0	**16** TU	0425	5.3	**24** W	0622	1.2			
	1127	4.2		1043	1.1		1233	4.8			
	1731	2.4		1646	5.3		1844	1.7			
	2324	4.3		2310	0.9						

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

RIVER TEES ENTRANCE December 2027

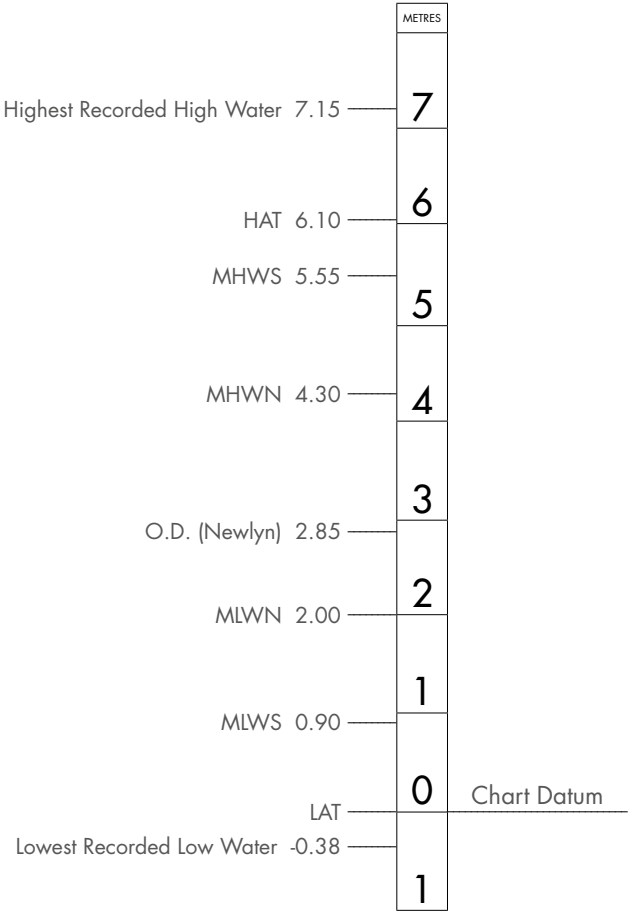
LAT 54°38′N LONG 1°09′W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE UT (GMT)

	Time	m		Time	m		Time	m		Time	m
1 W	0517	5.0	**9** TH	0554	1.8	**17** F	0559	5.3	**25** SA	0123	4.8
	1120	1.5		1209	4.4		1207	1.3		0748	1.5
	1718	5.2		1819	2.1		1807	5.4		1352	4.8
	2350	1.2								2015	1.6
2 TH	0557	4.8	**10** F	0014	4.5	**18** SA	0044	0.7	**26** **SU**	0218	4.9
	1155	1.7		0649	1.7		0651	5.1		0836	1.5
	1756	5.1		1258	4.6		1255	1.5		1438	5.0
				1912	1.9		1858	5.3		2102	1.4
3 F	0028	1.4	**11** SA	0107	4.7	**19** **SU**	0136	0.8	**27** M	0306	4.9
	0640	4.7		0736	1.5		0747	5.0		0918	1.5
	1231	1.9		1343	4.8		1347	1.7		1518	5.1
	1837	4.9		2000	1.6		1953	5.2	●	2145	1.2
4 SA	0109	1.6	**12** **SU**	0156	4.9	**20** M	0231	1.0	**28** TU	0348	5.0
	0725	4.5		0822	1.3		0845	4.8		0956	1.5
	1312	2.1		1426	5.0		1446	1.8		1554	5.2
	1923	4.7		2046	1.3	☾	2053	5.0		2223	1.1
5 **SU**	0154	1.7	**13** M	0244	5.1	**21** TU	0331	1.2	**29** W	0427	5.0
	0815	4.3		0906	1.2		0947	4.6		1031	1.5
	1401	2.2		1509	5.2		1551	2.0		1628	5.2
	2014	4.6	○	2132	1.1		2158	4.8		2300	1.1
6 M	0247	1.9	**14** TU	0331	5.3	**22** W	0437	1.4	**30** TH	0504	5.0
	0911	4.2		0950	1.1		1052	4.5		1104	1.5
	1503	2.4		1551	5.4		1701	2.0		1702	5.2
☽	2111	4.4		2219	0.8		2308	4.7		2335	1.1
7 TU	0348	2.0	**15** W	0419	5.3	**23** TH	0546	1.5	**31** F	0540	4.9
	1012	4.2		1035	1.1		1158	4.6		1137	1.5
	1614	2.4		1635	5.4		1813	1.9		1736	5.2
	2214	4.4		2306	0.7						
8 W	0454	2.0	**16** TH	0508	5.3	**24** F	0018	4.7			
	1113	4.3		1120	1.2		0652	1.6			
	1721	2.3		1720	5.5		1259	4.7			
	2316	4.4		2355	0.7		1919	1.8			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

TIDAL DATA RIVER TEES



HARTLEPOOL TIDE TABLES

JANUARY 2027 –
DECEMBER 2027

ENGLAND - HARTLEPOOL January 2027

LAT 54°42'N LONG 1°12'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE **UT (GMT)**

	Time	m	Time	m	Time	m	Time	m
1 F	0402	1.4	**9** SA	0431	4.8	**17** **SU**	0346	1.6	**25** M	0530	5.4
	1018	4.3		1028	1.3		1015	4.2		1140	0.8
	1623	2.0		1629	5.1		1617	1.9		1737	5.7
	2233	4.4		2257	1.0		2228	4.4			
2 SA	0509	1.6	**10** **SU**	0504	4.8	**18** M	0500	1.7	**26** TU	0011	0.2
	1122	4.2		1100	1.3		1123	4.2		0615	5.3
	1737	2.0		1701	5.1		1737	1.8		1219	0.9
	2344	4.3		2330	1.0		2344	4.5		1821	5.6
3 SU	0616	1.7	**11** M	0537	4.8	**19** TU	0617	1.6	**27** W	0053	0.4
	1226	4.3		1134	1.3		1231	4.4		0659	5.1
	1846	1.9		1735	5.1		1853	1.5		1259	1.1
										1904	5.3
4 M	0052	4.4	**12** TU	0002	1.0	**20** W	0058	4.6	**28** TH	0134	0.8
	0715	1.7		0612	4.7		0729	1.4		0743	4.8
	1322	4.4		1208	1.4		1334	4.7		1339	1.4
	1943	1.7		1811	5.0		2002	1.2		1951	5.0
5 TU	0149	4.4	**13** W	0036	1.1	**21** TH	0205	4.9	**29** F	0217	1.2
	0802	1.6		0649	4.7		0831	1.2		0830	4.5
	1409	4.6		1244	1.5		1431	5.0		1424	1.7
	2030	1.5		1848	4.9		2102	0.8	☾	2044	4.6
6 W	0237	4.6	**14** TH	0113	1.2	**22** F	0303	5.1	**30** SA	0306	1.6
	0843	1.6		0731	4.5		0924	1.0		0922	4.2
	1449	4.8		1322	1.6		1522	5.3		1523	1.9
	2111	1.3		1929	4.8	○	2155	0.5		2146	4.3
7 TH	0318	4.7	**15** F	0155	1.3	**23** SA	0355	5.3	**31** SU	0410	1.9
	0920	1.5		0817	4.4		1012	0.9		1025	4.0
	1525	4.9		1407	1.7		1609	5.5		1646	2.1
●	2148	1.2	☽	2018	4.7		2243	0.3		2302	4.0
8 F	0356	4.7	**16** SA	0245	1.5	**24** **SU**	0444	5.4			
	0955	1.4		0912	4.3		1057	0.8			
	1557	5.0		1503	1.8		1654	5.7			
	2224	1.1		2118	4.5		2329	0.2			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL February 2027

LAT 54°42'N LONG 1°12'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0532	2.1	**9**	0512	5.0	**17**	0605	1.8	**25**	0021	0.5
	1140	4.0		1114	1.1		1214	4.3		0623	5.1
M	1818	2.0	TU	1710	5.2	W	1848	1.5	TH	1226	0.9
				2338	0.8					1833	5.3
2	0027	4.0	**10**	0543	4.9	**18**	0055	4.5	**26**	0056	0.8
	0649	2.0		1145	1.1		0725	1.6		0701	4.8
TU	1255	4.1	W	1741	5.2	TH	1325	4.6	F	1300	1.2
	1927	1.8					1959	1.1		1916	4.9
3	0135	4.2	**11**	0009	0.8	**19**	0203	4.8	**27**	0131	1.2
	0744	1.9		0616	4.9		0824	1.3		0741	4.5
W	1351	4.4	TH	1217	1.2	F	1421	5.0	SA	1339	1.5
	2017	1.5		1816	5.1		2055	0.7		2005	4.5
4	0225	4.4	**12**	0043	0.9	**20**	0256	5.1	**28**	0211	1.7
	0828	1.7		0653	4.7		0913	1.0		0828	4.2
TH	1434	4.6	F	1251	1.3	SA	1509	5.4	**SU**	1429	1.8
	2058	1.3		1854	5.0	○	2143	0.3	☾	2105	4.1
5	0305	4.6	**13**	0120	1.1	**21**	0343	5.3			
	0906	1.5		0734	4.5		0957	0.8			
F	1510	4.9	SA	1331	1.5	**SU**	1553	5.6			
	2134	1.1		1942	4.8		2227	0.1			
6	0341	4.8	**14**	0205	1.4	**22**	0425	5.4			
	0940	1.3		0826	4.3		1038	0.7			
SA	1542	5.0	**SU**	1423	1.7	M	1634	5.7			
●	2207	0.9	☽	2043	4.5		2307	0.1			
7	0413	4.9	**15**	0304	1.7	**23**	0506	5.4			
	1012	1.2		0933	4.1		1116	0.7			
SU	1612	5.1	M	1538	1.8	TU	1713	5.7			
	2238	0.8		2202	4.3		2345	0.2			
8	0443	4.9	**16**	0428	1.9	**24**	0545	5.3			
	1043	1.1		1052	4.1		1152	0.7			
M	1641	5.2	TU	1716	1.8	W	1753	5.6			
	2308	0.8		2331	4.2						

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL March 2027

LAT 54°42′N LONG 1°12′W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0306	2.1	**9**	0414	5.0	**17**	0415	2.0	**25**	0512	5.2
	0929	3.9		1018	0.9		1034	4.0		1122	0.7
M	1554	2.1	TU	1613	5.2	W	1713	1.6	TH	1725	5.4
	2224	3.8		2240	0.6		2329	4.2		2348	0.6
2	0442	2.3	**10**	0442	5.1	**18**	0600	1.9	**26**	0547	5.0
	1051	3.8		1049	0.9		1202	4.3		1156	0.9
TU	1746	2.0	W	1642	5.3	TH	1844	1.3	F	1805	5.1
	2359	3.8		2310	0.6						
3	0619	2.2	**11**	0512	5.1	**19**	0053	4.4	**27**	0019	1.0
	1221	4.0		1120	0.8		0714	1.6		0622	4.8
W	1903	1.8	TH	1713	5.3	F	1312	4.7	SA	1230	1.1
				2342	0.7		1947	0.9		1847	4.8
4	0114	4.0	**12**	0544	5.0	**20**	0153	4.8	**28**	0051	1.3
	0720	2.0		1152	0.9		0807	1.2		0700	4.5
TH	1324	4.3	F	1749	5.2	SA	1405	5.0	**SU**	1307	1.4
	1953	1.5					2038	0.5		1934	4.4
5	0203	4.3	**13**	0015	0.8	**21**	0240	5.1	**29**	0127	1.7
	0804	1.7		0620	4.8		0853	1.0		0744	4.3
F	1409	4.5	SA	1227	1.0	**SU**	1450	5.4	M	1354	1.7
	2033	1.2		1832	5.0		2122	0.3		2031	4.0
6	0241	4.6	**14**	0053	1.1	**22**	0322	5.3	**30**	0215	2.1
	0842	1.4		0702	4.6		0934	0.8		0840	4.0
SA	1445	4.8	**SU**	1309	1.3	M	1531	5.5	TU	1510	1.9
	2109	1.0		1923	4.7	○	2203	0.2	☾	2147	3.8
7	0315	4.8	**15**	0138	1.4	**23**	0401	5.3	**31**	0348	2.3
	0916	1.2		0755	4.3		1012	0.6		0959	3.8
SU	1516	5.0	M	1405	1.5	TU	1609	5.6	W	1701	2.0
	2141	0.8	☽	2029	4.4		2240	0.2		2320	3.7
8	0346	4.9	**16**	0239	1.8	**24**	0437	5.3			
	0947	1.0		0906	4.1		1048	0.6			
M	1545	5.1	TU	1526	1.7	W	1647	5.6			
●	2211	0.7		2154	4.1		2315	0.4			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL
LAT 54°42'N LONG 1°12'W

April 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m	Time	m	Time	m	Time	m
1 TH	0535 2.2 1132 3.9 1821 1.8		**9** F	0443 5.1 1057 0.7 1652 5.3 2317 0.7	**17** SA	0037 4.5 0649 1.6 1249 4.7 1924 0.8	**25** SU	0549 4.8 1208 1.1 1824 4.6
2 F	0035 4.0 0641 2.0 1241 4.2 1915 1.5		**10** SA	0519 5.1 1134 0.8 1734 5.2 2354 0.9	**18** SU	0132 4.8 0741 1.3 1341 5.0 2013 0.6	**26** M	0021 1.4 0628 4.6 1247 1.3 1910 4.3
3 SA	0127 4.2 0728 1.7 1328 4.4 1956 1.2		**11** SU	0559 4.9 1214 0.9 1823 4.9	**19** M	0216 5.0 0826 1.0 1426 5.2 2056 0.5	**27** TU	0058 1.7 0713 4.4 1333 1.6 2003 4.1
4 SU	0206 4.5 0807 1.4 1406 4.7 2033 1.0		**12** M	0035 1.2 0645 4.7 1303 1.1 1920 4.6	**20** TU	0256 5.1 0907 0.8 1507 5.3 ○ 2134 0.5	**28** W	0145 2.0 0806 4.2 1437 1.8 ☾ 2108 3.9
5 M	0239 4.7 0842 1.2 1439 4.9 2106 0.8		**13** TU	0125 1.5 0742 4.4 1405 1.3 ☽ 2030 4.3	**21** W	0333 5.2 0946 0.7 1546 5.3 2211 0.5	**29** TH	0257 2.2 0911 4.0 1602 1.8 2225 3.8
6 TU	0310 4.9 0916 1.0 1510 5.1 ● 2137 0.6		**14** W	0234 1.8 0855 4.2 1531 1.5 2154 4.1	**22** TH	0408 5.1 1022 0.7 1624 5.3 2244 0.7	**30** F	0432 2.2 1029 4.0 1720 1.7 2338 4.0
7 W	0340 5.1 0949 0.8 1542 5.2 2209 0.6		**15** TH	0411 2.0 1021 4.2 1705 1.4 2323 4.2	**23** F	0441 5.1 1057 0.8 1702 5.1 2317 0.9		
8 TH	0411 5.1 1022 0.7 1615 5.3 2242 0.6		**16** F	0541 1.8 1144 4.4 1824 1.1	**24** SA	0515 5.0 1132 0.9 1742 4.9 2349 1.1		

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL

LAT 54°42′N LONG 1°12′W

May 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m	Time	m	Time	m	Time	m
1 SA	0544	2.0	**9**	0503	5.1	**17**	0102	4.6	**25**	0000	1.4
	1139	4.1		1124	0.7		0710	1.4		0606	4.7
	1820	1.5	**SU**	1730	5.1	M	1314	4.9	TU	1232	1.2
				2343	0.9		1943	0.8		1850	4.4
2 **SU**	0034	4.2	**10**	0547	5.0	**18**	0149	4.8	**26**	0038	1.6
	0638	1.8		1213	0.7		0759	1.2		0649	4.6
	1233	4.4	M	1824	4.9	TU	1402	5.0	W	1315	1.4
	1907	1.3					2027	0.8		1937	4.2
3 M	0118	4.4	**11**	0030	1.2	**19**	0231	4.9	**27**	0123	1.8
	0722	1.5		0638	4.8		0843	1.0		0737	4.4
	1317	4.6	TU	1307	0.9	W	1446	5.0	TH	1405	1.5
	1948	1.1		1924	4.7		2107	0.9		2029	4.1
4 TU	0155	4.7	**12**	0125	1.5	**20**	0308	4.9	**28**	0218	1.9
	0802	1.3		0737	4.6		0923	0.9		0831	4.3
	1357	4.8	W	1412	1.1	TH	1527	5.0	F	1504	1.6
	2026	0.9		2031	4.4	○	2144	0.9	☾	2128	4.0
5 W	0231	4.9	**13**	0234	1.7	**21**	0343	5.0	**29**	0326	2.0
	0841	1.0		0845	4.5		1001	0.9		0932	4.2
	1435	5.1	TH	1525	1.1	F	1607	5.0	SA	1608	1.6
	2103	0.7	☽	2144	4.3		2219	1.0		2230	4.0
6 TH	0306	5.0	**14**	0353	1.8	**22**	0417	5.0	**30**	0436	2.0
	0920	0.8		1001	4.5		1039	0.9		1034	4.2
	1514	5.2	F	1641	1.1	SA	1646	4.9	**SU**	1710	1.5
●	2141	0.7		2259	4.3		2253	1.1		2329	4.2
7 F	0343	5.1	**15**	0508	1.8	**23**	0451	4.9	**31**	0537	1.8
	0959	0.7		1115	4.5		1116	1.0		1134	4.3
	1556	5.3	SA	1751	1.0	**SU**	1726	4.7	M	1807	1.4
	2220	0.7					2326	1.3			
8 SA	0421	5.2	**16**	0006	4.5	**24**	0526	4.8			
	1040	0.6		0614	1.6		1154	1.1			
	1641	5.3	**SU**	1219	4.7	M	1807	4.6			
	2300	0.8		1852	0.9						

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL

LAT 54°42'N LONG 1°12'W

June 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0022	4.3	**9**	0030	1.1	**17**	0208	4.7	**25**	0059	1.6
	0632	1.6		0633	5.1		0825	1.3		0707	4.7
TU	1228	4.5	W	1307	0.6	TH	1432	4.7	F	1332	1.3
	1859	1.2		1919	4.9		2046	1.3		1951	4.4
2	0110	4.5	**10**	0122	1.3	**18**	0249	4.8	**26**	0142	1.7
	0721	1.4		0728	5.0		0908	1.1		0752	4.5
W	1318	4.8	TH	1404	0.7	F	1516	4.8	SA	1417	1.4
	1947	1.1		2018	4.7		2125	1.3		2039	4.3
3	0155	4.8	**11**	0220	1.5	**19**	0326	4.9	**27**	0232	1.8
	0809	1.1		0827	4.8		0948	1.1		0843	4.4
TH	1407	5.0	F	1504	0.9	SA	1557	4.8	**SU**	1508	1.5
	2033	0.9	☽	2119	4.5	○	2201	1.3	☾	2133	4.2
4	0238	4.9	**12**	0322	1.6	**20**	0401	4.9	**28**	0331	1.9
	0856	0.9		0932	4.7		1026	1.0		0940	4.4
F	1456	5.1	SA	1607	1.1	**SU**	1635	4.8	M	1607	1.6
●	2119	0.8		2223	4.4		2236	1.3		2231	4.2
5	0322	5.1	**13**	0429	1.7	**21**	0435	4.9	**29**	0437	1.9
	0944	0.7		1039	4.6		1103	1.0		1042	4.4
SA	1545	5.2	**SU**	1712	1.2	M	1712	4.7	TU	1711	1.5
	2205	0.8		2327	4.4		2310	1.3		2332	4.2
6	0407	5.2	**14**	0536	1.7	**22**	0509	4.9	**30**	0543	1.7
	1032	0.6		1146	4.6		1140	1.1		1146	4.5
SU	1636	5.2	M	1816	1.2	TU	1749	4.7	W	1815	1.4
	2252	0.9					2344	1.4			
7	0453	5.2	**15**	0028	4.4	**23**	0545	4.9			
	1122	0.5		0640	1.6		1216	1.1			
M	1729	5.2	TU	1248	4.6	W	1827	4.6			
	2340	1.0		1913	1.3						
8	0541	5.2	**16**	0121	4.5	**24**	0020	1.5			
	1214	0.5		0736	1.4		0625	4.8			
TU	1823	5.1	W	1343	4.7	TH	1252	1.2			
				2003	1.3		1907	4.5			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL
LAT 54°42′N LONG 1°12′W

July 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m	Time	m	Time	m	Time	m
1 TH	0030 0646 1249 1916	4.4 1.5 4.6 1.3	**9** F	0106 0708 1343 1952	0.6 5.3 0.6 4.9	**17** SA	0235 0858 1507 2110	4.7 1.3 4.7 1.5	**25** SU	0107 0712 1336 1955	1.5 4.8 1.3 4.5
2 F	0126 0745 1348 2013	4.6 1.3 4.9 1.2	**10** SA ☽	0153 0800 1433 2045	1.3 5.1 0.9 4.6	**18** SU ○	0314 0937 1545 2147	4.8 1.1 4.8 1.4	**26** M ☾	0148 0757 1422 2045	1.6 4.6 1.4 4.3
3 SA	0219 0842 1445 2107	4.9 1.0 5.1 1.0	**11** SU	0245 0857 1528 2141	1.5 4.8 1.2 4.4	**19** M	0348 1013 1621 2221	5.0 1.0 4.8 1.3	**27** TU	0238 0852 1517 2144	1.8 4.5 1.6 4.2
4 SU ●	0308 0936 1539 2158	5.1 0.7 5.2 0.9	**12** M	0346 1001 1630 2243	1.7 4.6 1.5 4.2	**20** TU	0420 1047 1655 2253	5.0 1.0 4.8 1.2	**28** W	0345 1000 1627 2251	1.9 4.4 1.7 4.2
5 M	0357 1028 1631 2247	5.3 0.4 5.4 0.8	**13** TU	0457 1112 1740 2351	1.8 4.4 1.6 4.2	**21** W ☽	0451 1120 1727 2325	5.1 1.0 4.8 1.2	**29** TH ○	0505 1117 1745	1.8 4.4 1.7
6 TU	0444 1118 1722 2334	5.5 0.3 5.4 0.8	**14** W ●	0613 1227 1848	1.8 4.3 1.7	**22** TH	0523 1151 1759 2357	5.1 1.0 4.8 1.3	**30** F	0001 0624 1232 1900	4.3 1.6 4.5 1.5
7 W ☾	0531 1207 1812	5.5 0.3 5.3	**15** TH	0056 0720 1331 1944	4.3 1.6 4.4 1.6	**23** F	0557 1223 1834	5.0 1.0 4.7	**31** SA	0107 0734 1339 2004	4.6 1.3 4.8 1.3
8 TH	0020 0619 1254 1902	0.9 5.5 0.3 5.1	**16** F	0151 0814 1423 2031	4.5 1.4 4.5 1.6	**24** SA	0031 0633 1258 1913	1.4 4.9 1.1 4.6			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL
LAT 54°42′N LONG 1°12′W

August 2027

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE UT (GMT)

	Time	m		Time	m		Time	m		Time	m
1	0205	4.9	**9**	0205	1.4	**17**	0329	5.0	**25**	0200	1.7
	0834	0.9		0822	4.8		0953	1.0		0817	4.5
SU	1438	5.1	M	1445	1.4	TU	1559	4.9	W	1438	1.7
	2059	1.1	☽	2057	4.4	○	2159	1.2	☾	2103	4.2
2	0256	5.2	**10**	0302	1.7	**18**	0359	5.1	**26**	0309	1.9
	0929	0.5		0925	4.4		1024	0.9		0933	4.3
M	1530	5.3	TU	1546	1.8	W	1629	5.0	TH	1556	1.9
●	2149	0.9		2158	4.1		2230	1.1		2220	4.1
3	0344	5.5	**11**	0420	1.9	**19**	0427	5.2	**27**	0445	1.9
	1018	0.3		1041	4.1		1053	0.8		1101	4.3
TU	1619	5.5	W	1705	2.0	TH	1658	5.0	F	1731	1.9
	2235	0.7		2313	4.0		2300	1.1		2341	4.2
4	0429	5.7	**12**	0553	1.9	**20**	0456	5.2	**28**	0616	1.6
	1105	0.1		1209	4.1		1122	0.8		1226	4.5
W	1705	5.5	TH	1826	2.0	F	1727	5.0	SA	1852	1.7
	2318	0.7					2331	1.1			
5	0513	5.8	**13**	0032	4.2	**21**	0526	5.2	**29**	0053	4.6
	1148	0.1		0708	1.7		1152	0.9		0727	1.2
TH	1750	5.5	F	1320	4.3	SA	1759	4.9	**SU**	1334	4.8
	2359	0.7		1927	1.9					1954	1.4
6	0557	5.7	**14**	0133	4.4	**22**	0002	1.2	**30**	0151	5.0
	1230	0.3		0802	1.5		0558	5.1		0824	0.7
F	1834	5.3	SA	1411	4.5	**SU**	1224	1.0	M	1428	5.2
				2014	1.7		1834	4.8		2045	1.1
7	0039	0.9	**15**	0219	4.7	**23**	0035	1.3	**31**	0240	5.4
	0642	5.5		0843	1.3		0635	5.0		0914	0.4
SA	1313	0.6	**SU**	1451	4.7	M	1301	1.2	TU	1515	5.4
	1919	5.0		2052	1.5		1913	4.6	●	2130	0.8
8	0120	1.1	**16**	0256	4.9	**24**	0112	1.5			
	0729	5.2		0919	1.1		0719	4.8			
SU	1356	1.0	M	1527	4.8	TU	1343	1.5			
	2005	4.7		2127	1.3		2001	4.4			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL September 2027

LAT 54°42'N LONG 1°12'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS — TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0325	5.7	**9**	0344	2.0	**17**	0358	5.3	**25**	0438	1.7
	0959	0.2		1012	4.0		1022	0.8		1055	4.2
W	1559	5.6	TH	1628	2.3	F	1625	5.2	SA	1722	2.0
	2213	0.7		2232	4.0		2232	1.0		2324	4.3
2	0407	5.8	**10**	0530	2.0	**18**	0425	5.3	**26**	0608	1.4
	1042	0.1		1147	4.0		1050	0.8		1220	4.5
TH	1640	5.6	F	1800	2.2	SA	1654	5.1	**SU**	1838	1.7
	2253	0.6					2303	1.0			
3	0448	5.9	**11**	0001	4.1	**19**	0456	5.3	**27**	0036	4.7
	1122	0.2		0646	1.8		1121	0.9		0713	1.0
F	1721	5.5	SA	1259	4.2	**SU**	1725	5.1	M	1321	4.9
	2332	0.7		1902	2.0		2335	1.0		1935	1.4
4	0530	5.7	**12**	0106	4.4	**20**	0529	5.2	**28**	0132	5.1
	1201	0.4		0737	1.5		1155	1.0		0806	0.6
SA	1801	5.3	**SU**	1347	4.5	M	1800	4.9	TU	1410	5.2
				1948	1.8					2023	1.1
5	0008	0.8	**13**	0152	4.7	**21**	0009	1.2	**29**	0219	5.5
	0612	5.5		0816	1.3		0610	5.0		0852	0.4
SU	1238	0.8	M	1425	4.7	TU	1231	1.2	W	1453	5.4
	1842	5.0		2026	1.5		1840	4.7		2106	0.8
6	0046	1.1	**14**	0229	4.9	**22**	0049	1.4	**30**	0302	5.7
	0657	5.1		0851	1.1		0658	4.8		0935	0.2
M	1317	1.2	TU	1459	4.9	W	1314	1.5	TH	1534	5.5
	1924	4.7		2100	1.3		1930	4.5	●	2147	0.7
7	0128	1.4	**15**	0301	5.1	**23**	0140	1.6			
	0748	4.7		0923	0.9		0801	4.5			
TU	1400	1.6	W	1530	5.0	TH	1411	1.9			
☽	2012	4.4	○	2131	1.1	☾	2036	4.2			
8	0221	1.7	**16**	0330	5.2	**24**	0255	1.8			
	0851	4.3		0953	0.8		0923	4.2			
W	1459	2.0	TH	1558	5.1	F	1539	2.1			
	2112	4.1		2202	1.0		2158	4.2			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL October 2027

LAT 54°42'N LONG 1°12'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0343	5.8	**9**	0448	2.0	**17**	0358	5.3	**25**	0545	1.3
	1015	0.3		1108	3.9		1021	0.8		1201	4.6
F	1613	5.5	SA	1717	2.3	**SU**	1625	5.2	M	1811	1.7
	2226	0.6		2313	4.1		2239	0.9			
2	0423	5.7	**10**	0605	1.8	**18**	0433	5.3	**26**	0011	4.8
	1053	0.4		1221	4.1		1055	0.9		0649	1.0
SA	1650	5.4	**SU**	1823	2.1	M	1659	5.2	TU	1259	4.9
	2304	0.7					2315	0.9		1908	1.4
3	0504	5.6	**11**	0022	4.3	**19**	0512	5.2	**27**	0108	5.1
	1129	0.7		0658	1.6		1131	1.1		0740	0.7
SU	1728	5.3	M	1311	4.4	TU	1737	5.0	W	1347	5.1
	2341	0.9		1911	1.8		2354	1.1		1957	1.2
4	0546	5.3	**12**	0112	4.6	**20**	0559	5.0	**28**	0156	5.3
	1204	1.0		0739	1.3		1211	1.3		0826	0.6
M	1805	5.0	TU	1350	4.7	W	1821	4.8	TH	1429	5.3
				1950	1.6					2041	1.0
5	0018	1.1	**13**	0151	4.8	**21**	0039	1.2	**29**	0240	5.5
	0631	4.9		0815	1.1		0653	4.7		0908	0.5
TU	1239	1.4	W	1424	4.9	TH	1258	1.6	F	1509	5.4
	1845	4.8		2026	1.3		1914	4.6	●	2123	0.8
6	0059	1.4	**14**	0225	5.0	**22**	0137	1.4	**30**	0322	5.5
	0720	4.6		0848	1.0		0759	4.5		0948	0.6
W	1319	1.8	TH	1455	5.0	F	1400	1.9	SA	1546	5.4
	1931	4.5		2059	1.2	☾	2020	4.4		2203	0.8
7	0150	1.7	**15**	0256	5.2	**23**	0255	1.6	**31**	0403	5.4
	0820	4.2		0919	0.9		0918	4.3		1025	0.8
TH	1411	2.1	F	1524	5.2	SA	1530	2.1	**SU**	1623	5.3
☽	2027	4.2	○	2132	1.0		2140	4.4		2241	0.8
8	0308	2.0	**16**	0327	5.3	**24**	0426	1.5			
	0938	3.9		0949	0.8		1044	4.3			
F	1542	2.4	SA	1553	5.2	**SU**	1700	2.0			
	2144	4.0		2205	0.9		2302	4.5			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL November 2027

LAT 54°42'N LONG 1°12'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS — TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0444	5.3	**9**	0604	1.7	**17**	0507	5.2	**25**	0040	4.9
	1101	1.0		1220	4.3		1118	1.1		0712	1.0
M	1658	5.2	TU	1821	2.0	W	1724	5.2	TH	1321	4.9
	2319	1.0					2350	0.9		1932	1.4
2	0526	5.1	**10**	0017	4.4	**18**	0557	5.0	**26**	0134	5.0
	1135	1.2		0652	1.5		1203	1.3		0801	1.0
TU	1735	5.0	W	1304	4.5	TH	1811	5.0	F	1406	5.0
	2358	1.1		1907	1.7					2020	1.2
3	0610	4.8	**11**	0104	4.6	**19**	0040	1.0	**27**	0223	5.1
	1209	1.5		0733	1.3		0654	4.8		0845	1.0
W	1815	4.8	TH	1342	4.7	F	1254	1.6	SA	1448	5.1
				1947	1.5		1905	4.9		2105	1.1
4	0039	1.4	**12**	0144	4.8	**20**	0139	1.1	**28**	0308	5.1
	0657	4.5		0810	1.1		0756	4.6		0926	1.0
TH	1247	1.8	F	1416	4.9	SA	1355	1.8	**SU**	1526	5.2
	1859	4.6		2026	1.3		2007	4.7	●	2146	1.0
5	0127	1.6	**13**	0222	5.0	**21**	0247	1.2	**29**	0350	5.1
	0751	4.2		0845	1.0		0906	4.5		1004	1.1
F	1334	2.1	SA	1450	5.1	**SU**	1510	1.9	M	1602	5.2
	1950	4.4		2103	1.1	☾	2118	4.6		2226	1.0
6	0228	1.8	**14**	0259	5.2	**22**	0359	1.3	**30**	0432	5.0
	0856	4.0		0921	0.9		1018	4.4		1040	1.2
SA	1444	2.3	**SU**	1526	5.2	M	1626	1.9	TU	1638	5.1
☽	2053	4.2	○	2142	0.9		2230	4.7		2305	1.0
7	0347	1.9	**15**	0339	5.2	**23**	0511	1.2			
	1011	4.0		0958	0.9		1128	4.6			
SU	1612	2.3	M	1602	5.2	TU	1736	1.8			
	2209	4.2		2222	0.9		2339	4.8			
8	0503	1.8	**16**	0421	5.2	**24**	0616	1.1			
	1123	4.1		1037	1.0		1229	4.7			
M	1725	2.2	TU	1642	5.2	W	1838	1.6			
	2320	4.2		2304	0.8						

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

ENGLAND - HARTLEPOOL December 2027

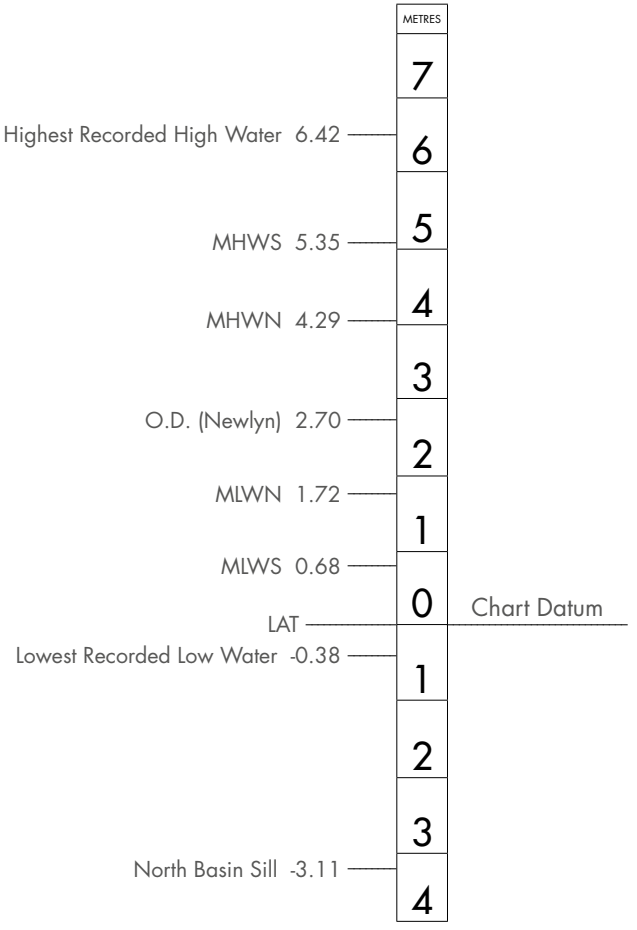
LAT 54°42'N LONG 1°12'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS TIME ZONE **UT (GMT)**

	Time	m		Time	m		Time	m		Time	m
1	0513	4.9	**9**	0548	1.7	**17**	0555	5.2	**25**	0119	4.7
	1114	1.4		1205	4.3		1201	1.2		0742	1.4
W	1714	5.1	TH	1813	1.9	F	1803	5.3	SA	1348	4.7
	2344	1.1								2009	1.4
2	0553	4.7	**10**	0010	4.4	**18**	0038	0.6	**26**	0214	4.8
	1149	1.5		0643	1.5		0647	5.0		0830	1.4
TH	1752	5.0	F	1254	4.5	SA	1249	1.3	**SU**	1434	4.9
				1906	1.7		1854	5.2		2056	1.2
3	0022	1.2	**11**	0103	4.6	**19**	0130	0.7	**27**	0302	4.8
	0636	4.6		0730	1.4		0743	4.9		0912	1.3
F	1225	1.7	SA	1339	4.7	**SU**	1341	1.5	M	1514	5.0
	1833	4.8		1954	1.4		1949	5.1	●	2139	1.1
4	0103	1.4	**12**	0152	4.8	**20**	0225	0.9	**28**	0344	4.9
	0721	4.4		0816	1.2		0841	4.7		0950	1.3
SA	1306	1.9	**SU**	1422	4.9	M	1440	1.7	TU	1550	5.1
	1919	4.6		2040	1.2	☾	2049	4.9		2217	1.0
5	0148	1.6	**13**	0240	5.0	**21**	0325	1.1	**29**	0423	4.9
	0811	4.2		0900	1.1		0943	4.5		1025	1.3
SU	1355	2.0	M	1505	5.1	TU	1545	1.8	W	1624	5.1
	2010	4.5	○	2126	0.9		2154	4.7		2254	1.0
6	0241	1.7	**14**	0327	5.2	**22**	0431	1.3	**30**	0500	4.9
	0907	4.1		0944	1.0		1048	4.4		1058	1.3
M	1457	2.1	TU	1547	5.3	W	1655	1.8	TH	1658	5.1
☽	2107	4.3		2213	0.8		2304	4.6		2329	1.0
7	0342	1.8	**15**	0415	5.2	**23**	0540	1.4	**31**	0536	4.8
	1008	4.1		1029	1.0		1154	4.5		1131	1.4
TU	1608	2.2	W	1631	5.3	TH	1807	1.7	F	1732	5.1
	2210	4.3		2300	0.6						
8	0448	1.8	**16**	0504	5.2	**24**	0014	4.6			
	1109	4.2		1114	1.1		0646	1.4			
W	1715	2.1	TH	1716	5.4	F	1255	4.6			
	2312	4.3		2349	0.6		1913	1.6			

The time throughout is Greenwich Mean Time, therefore add 1 hour during the operation of British Summer Time. Heights are shown above the lowest astronomical tide (LAT), which is Chart Datum.

TIDAL DATA HARTLEPOOL



RIVER TEES TIDAL CURRENT INFORMATION LOCATIONS

		Below Surface	Below L.A.T.
A	Tees North Buoy		3.7
B	Tees No 3 Buoy		15.5
C	Tees No 10 Buoy	0.5 - 4cm	
D	Tees No. 16 Buoy	1 - 4m	
E	Tees No. 19 Buoy	0.5 - 1m	
F	Cargo Fleet Wharf	0.5 - 2m	

TIDAL CURRENT DATA (SPRINGS)

TIME	A		B		C		D		E		F	
	Dir.	Sp	Dir.	Sp	Dir.	Sp	Dir.	Sp	Dir.	Sp	Dir.	Sp
-6	355	0.5	303	0.3	64	0.1	7	0.3	23	0.3	60	0.5
-5	322	0.3	283	0.3	204	0.2	331	0.1	21	0.2	37	0.1
-4	275	0.1	259	0.2	226	0.5	171	0.3	266	0.2	160	0.3
-3	187	0.2	212	0.2	232	0.7	211	0.2	272	0.1	109	0.6
-2	170	0.4	187	0.2	227	0.7	159	0.2	158	0.3	129	0.3
-1	167	0.5	172	0.2	164	0.5	141	0.1	131	0.2	16	0.4
HW	164	0.4	166	0.2	45	0.4	99	0.1	69	0.2	125	0.4
+1	158	0.2	162	0.1	48	0.9	358	0.2	65	0.2	48	0.8
+2	121	0.1	227	0.2	39	1.0	360	0.5	47	0.5	57	0.8
+3	254	0.2	324	0.2	60	1.4	4	0.6	56	0.6	56	0.9
+4	347	0.4	331	0.3	41	1.1	8	0.2	45	0.9	60	1.0
+5	332	0.6	321	0.4	46	1.3	14	0.3	49	0.9	60	1.1
+6	335	0.5	306	0.4	52	1.1	352	0.4	45	0.5	25	0.5

Notes:- Directions are in degrees True, Speeds are in Knots.
The above data was collected between February 1985 & March 1991

TIDAL CONSTANTS

For High Water, at the following places, adjustments as given below should be made to the times given for River Tees Entrance.

		h.m.
Blyth	Subtract	0 18
Dover	Subtract	4 56
Grangemouth	Subtract	0 51
Gravesend	Subtract	2 58
Grimsby	Add	1 53
Holy Island	Subtract	0 58
Hull	Add	2 32
Leith	Subtract	1 09
North Shields	Subtract	0 17
Seaham Harbour	Subtract	0 15
Sunderland	Subtract	0 17
Whitby	Add	0 14

RIVER TEES - TIDES

MEAN HIGH WATER SPRING	5.5M
MEAN LOW WATER SPRING	0.9M
MEAN SPRING RANGE	4.6M

INTERVAL (HOURS)	TIDAL HEIGHT (M)	HOURLY CHANGE (M)
-5.50	0.9	
		+0.3
-5.00	1.2	
		+0.8
-4.00	2.0	
		+1.3
-3.00	3.3	
		+1.1
-2.00	4.4	
		+0.8
-1.00	5.2	
		+0.3
HW	5.5	
		-0.3
+1.00	5.2	
		-0.8
+2.00	4.4	
		-1.1
+3.00	3.3	
		-1.0
+4.00	2.3	
		-0.9
+5.00	1.4	
		-0.4
+6.00	1.0	
		-0.1
+6.40	0.9	

MEAN HIGH WATER NEAP	4.3M
MEAN LOW WATER NEAP	2.0M
MEAN NEAP RANGE	2.3M

INTERVAL (HOURS)	TIDAL HEIGHT (M)	HOURLY CHANGE (M)
-6.15	2.0	
		–
-6.00	2.0	
		+0.2
-5.00	2.2	
		+0.4
-4.00	2.6	
		+0.6
-3.00	3.2	
		+0.6
-2.00	3.8	
		+0.4
-1.00	4.2	
		+0.1
HW	4.3	
		-0.1
+1.00	4.2	
		-0.4
+2.00	3.8	
		-0.6
+3.00	3.2	
		-0.5
+4.00	2.7	
		-0.4
+5.00	2.3	
		-0.2
+6.00	2.1	
		-0.1
+6.30	2.0	

Zero is Lowest Astronomical Tide (L.A.T.)

The information given above is approximate only as the height of the tide is liable to be affected by meterological conditions.

Strong winds from N.W. through North to N.E. increase tide.

Strong S.E. winds depress tide.

DISTANCE IN THE RIVER TEES FROM THE TEES APPROACH LIGHT BUOY

(Nautical Miles)

	N.M. between points	Continuous N.M.
Tees Approach Buoy		0.00
	3.48	
South Gare Lighthouse		3.48
	1.55	
No. 13 Beacon Light		5.03
	1.27	
Tees Dock Entrance		6.30
	0.96	
No. 23 Light Buoy (North Tees "A" Jetty)		7.26
	0.83	
No. 27 Light Buoy		8.09
	0.59	
No. 32 Buoy		8.68
	0.54	
Transporter Bridge		9.22
	0.80	
No. 37 Beacon Light		10.02
	0.92	
Exolum Riverside Jetty		10.94
	0.50	
Tees (Newport) Bridge		11.44
	0.35	
A19 Viaduct		11.79
	0.65	
Tees Barrage		12.44

NOTES

For further information:
Harbour Office (24 hours): +44 1642 277 205/6
Commercial Department: +44 1642 877 000
www.pdports.co.uk