THE BRITISH FLEET.

THE importance of this subject and the interest awakened by it in the minds of all Englishmen have induced us to illustrate some of the different classes of vessels comprising our fighting Fleet, and briefly to notice some of the peculiarities of their construction. The first of our Illustrations represents the iron-clad frigate

Warrior, the first armour-plated iron frigate built for the Navy. This vessel and others of her class are constructed throughout of rion, and protected along their batteries, or about two thirds of their length, by armour plating, extending to 5 ft. below their loadline; other vessels of this type are the Black Prince, Achilles, Minotaur, Agincourt, Northumberland, Resistance, Defence, Hector, Valiant, and Vanguard, twin-screw—the last vessel in course of being built-varying from 6600 to 3700 tons measurement. first five of these vessels are of the great length of 400 ft., and they achieve a very high rate of speed; but their defensive coating is considered weak against the guns that have come into use since their construction.

come next to the Bellerophon and vessels carrying we come next to the Bellerophon and vessels carrying an much heavier protective skin, and capable of carrying and fighting guns of the largest calibre. This vessel—4270 tons burden and 1000-horse power, the most perfect and formidable of her class in the Navy—is built from the designs of Mr. Reed, the Chief Constructor of the Navy, and differs from the beforementioned vessels in the greater thickness of the armour of her bettermy above accordingly received from the protection. battery and being completely encircled from stem to stern below her guns by an iron belt of great thickness, descending some feet below the water-line. The Hercules is built upon what is known as the Central-battery system, and carries 9-in. armour plates upon a 10-in. teak backing, with an inner skin of iron 1½ in. thick. Other heavily-armoured vessels in the course of construction are the Sultan, the Audacious, the Iron Duke, and the Invincible. The three last will be furnished with twin screws. All carry from

twelve to fourteen guns.

Our third Illustration is the Galatea, the frigate commanded by his Royal Highness Prince Alfred. This is one of a class of unarmoured wooden vessels fast disappearing; but still remarkable for speed wooden vessels fast disappearing; but still remarkable for speed and beauty; and including among many others the following well-known vessels:—Mersey, Ariadne, Orlando, Immortalité, Liffey, Liverpool, Constance, Narcissus, Bristol, Curaçoa, Diadem, Doris, Phœbe, Octavia, Dauntless, and Arethusa.

Next we have the paddle frigates, of which the noble and famous old Terrible still exists as a grand specimen of a fighting-ship of the old days, before the screw had asserted its advantages and when armour plates were unthought of.

We now notice the armoured wooden frients, some of which

We now notice the armoured woooden frigates, some of which are known as converted vessels or old two-deckers, which have been are known as converted vessels or old two-deckers, which have been razeed to frigates: among these are the Caledonia, Ocean, Royal Oak, Prince Consort, and Royal Alfred. The new vessels of this class are the Lord Clyde, Lord Warden, and the Repulse, furnished with rams and carrying heavier armour.

The unarmoured corvettes next claim our attention, and among

them are some of the smartest and, for certain purposes, the most useful vessels in the service—including the Highflyer, Raccon, Rattlesnake, Challenger, Satellite, Malacca, Clio, Jason, Juno, Charybdis, Pearl, Wolverine, and others.

The armoured corvettes form a most formidable class; they are armour plated on a weeden forms, with a formidable page at the

The armoured corvettes form a most formidable class; they are armour plated on a wooden frame, with a formidable ram at the how: the Pallas, Favourite, Zealous, and Penelope, the last a twin-screw, are of this style of fighting-ships.

The turret ships at present are the Royal Sovereign, five guns; Prince Albert, Wivern, and Scorpion, each of four guns. The first of these is a converted wooden three-decker, armour plated; the others are built entirely of iron. Three more formidable iron vessels of this description was in the course of each with the second of the converse of this description was in the course of each with the second of the vessels of this description are in the course of construction—namely, the Captain, six guns, twin-screw; the Monarch, seven guns; and the Glatton, twin-screw: this last named vessel will be protected by armour 12 in. in thickness. Another iron twin-screw turret-ship, the Cerberus, built by the Government for the colony of Melbourne, is nearly ready for sea.

The armoured sloops at present are the Enterprise and Research,

and there are two armoured gun-boats, the Viper and Vixen: these two last are fitted with twin screws.

Another most useful and effective class of vessel is the gun-boats: they are generally mounted with two or four guns, and are constantly coming into notice, by the value of services they render through the bravery and abilities of their officers and crews. A new kind of these vessels, built on the composite principle of wood and iron, with twin screws and two guns, has lately been added to the

The troop service is carried on by the following vessels: - The celebrated Himalaya, Orontes, Urgent, and Adventure; and by the new splendid ships Serapis, Jumna, Euphrates, Malabar, and Crocodile. These last vessels are upwards of 4000 tons burden; and their excellent arrangements for comfort and ventilation, and the speed, certainty, and success with which all their voyages have here profession in all exercises. been performed, have given the highest satisfaction in all quarters.

The last of our Illustrations is one of the noble old two-deckers by which the coastguard service is now carried on. These wooden walls, once the glory of the country, are being so rapidly sup-

planted by the new iron-clad fleet that a few years will see them entirely disappear, and their places occupied by craft whose powers for offence and defence are as superior as the strength of the giant

to the pigmy.

By the last Navy return, the Fleet consists of 735 vessels propelled by steam and 181 sailing-vessels for harbour and other service.

TINTED ILLUSTRATIONS

ON THE SUN-SPOT OF OCTOBER, 1865; ITS APPEARANCE NEAR THE EASTERN EDGE OF THE SUN; ITS PASSAGE ACROSS THE SUN, AND REAPPEARANCE AT ITS EASTERN EDGE.

The Sun's rotation on its axis is performed in about 25 days 10 hours, so that a spot on the Sun's surface, which continues visible 10 hours, so that a spot on the Sun's surface, which continues visible during a period of somewhat less than a month, may be seen to cross the face of the Sun, be lost near its western edge, and in fourteen or fifteen days afterwards may be again seen near the eastern edge. This was observed by the Rev. Fred. Howlett, F.R.A.S., on the spot of October, 1865. He first saw it very near the eastern edge of the Sun on the morning of Oct. 7 (see fig. 1); it had sensibly advanced on the Sun by the afternoon of the same day, (fig. 2); near noon on the 8th day it had well advanced on the Sun to the position shown in fig. 3. On Oct. 10 the great spot is shown to be the leading one of a group: the penumbra was nearly 80" of space in length (each second corresponds to about 450 miles), and to be the leading one of a group; the penumbra was nearly 80° or space in length (each second corresponds to about 450 miles), and 50° in breadth. The appearance on this day is shown in fig. 4; fig. 5 represents its appearance on Oct. 12. By the Engraving it will be seen that the great spot had assumed a very different appearance. On Oct. 13 (fig. 6) the group had attained its most central position on the Sun; it had then reached its utmost dimensions, being about 110° in length, 60° in breadth, and must have had a superficial area of the control of the states of 2000 000 groups uples. The great states of the control of the states of the states of the control of the states of the control of the states o 110' in length, 60' in breadth, and must have had a superficial area of certainly not less than 972,000,000 square miles. The area of the remaining spots Mr. Howlett e mated at about 165,000,000, making a grand total of displacement of the solar photosphere to the enormous extent of 1,137,000,000 square miles. On the 14th the great spot presented a different appearance (fig. 7). On the 15th its appearance was modified (fig. 8), but Mr. Howlett says he was not enabled to make a detailed drawing of the group. On 10t 15 (fig. 0) there energed a break place that the proper is the same of the group. Oct. 16 (fig. 9) there appeared a huge brilliant loop, being exactly a counterpart, in fact, of the curious arch (fig. 6), only it lay on the southern side of the umbra instead of the northern. Oct. 17 (fig. 10) was the last day Mr. Howlett was able to obtain a view of the group; it then passed the western edge of the Sun. The Sun's disc remained free of spots for fourteen days, till Nov. 3, when one (fig. 11), about 35" in length, possessing two umbre, was seen, and there was no doubt it was the same spot as seen from Oct. 7 to Oct. 17 (see *Proceedings of the Royal Astronomical Society*).

TABLE OF INTEREST, Showing the Interest of any Sum, from a Million to a Pound, for any Number of Days, at any rate of Interest.

	1 700	2	10	la.	1 100	H	1	1	1	1 - 4	100
	£	8	d.	f.	Parts	1	£	5.	d.	f.	Parts
1,000,000	2,739	14	6	0	99	900	2	9	3	3	12
900,000	2,465	15	0	3	29	800	2	3	10	0	11
800,000	2,191	15	7	1	59	700	1	18	4	1	10
700,000	1,917	16	1	3	89	600	1	12	10	2	8
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400,000	1,095	17	9	2	79	300	0	16	5	1	4
300,000	821	18	4	1	9	200	0	10	11	2	3
200,000	547	18	10	3	40	100	0	5	5	8	8 7 5 4 3
100,000	273	19	5	1	70	90	0	4	11	0	71
90,000	246	11	6	0	32	80	0	4	4	2	41
80,000	219	3	6	0	96	70	0	8	10	0	11
70,000	191	15	7	1	59	60	0	3	3		81
60,000	164	7	8	0	22	50	0	2	3 8	1 3	51
50,000	136	19	8	2	85	40	0		2	1	21
40,000	109	11	9	1	48	30	0	1 1	7	2	90
30,000	82	3	10	0	11	20	0	1	-1	0	60
20,000	54	15	10	2	74	10	0	0	6	2	30
10,000	27	7	11	1	37	9	0	0	6 5	3	67
9,000	24	13	1	3	23	8 7	0	0	5	1	4
8,000	21	18	4	1	10	7	0	0	4	2	41
7,000	19	3	6	2	96	6 5	0	0	3	2 3	78
6,000	16	.8	9	0	82	5	0	0	3	1	15
5,000	13	13	11	2	68	4	0	0	2	2	52
4,000	10	19	2	0	55	3	0	0	ī	3	89
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2,000	5	9	4 7	0	27	1	0	0	0	2	26
1,000	2	14	9	2	14				-	~	

The Rule.—Multiply the Sum by the number of Days and the Product by the Rate of Interest, then separate the two last Figures to the Right hand, and the rest you will find in the Table.

Example—What is the Interest of £271 for Ninety Days, at 7 per cent per Annum?

Multiply £271, the Sum,

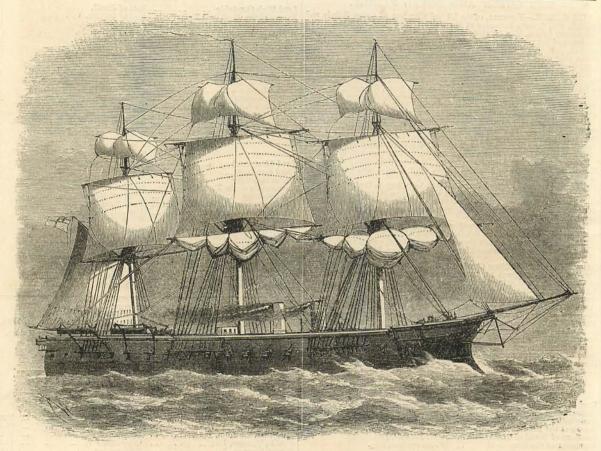
By 90, the Time.

Then multiply 24,390 7, the Rate, 1707 | 30 (1000 you will find£2 14 9 2 14 Then in the Table against 700 7 ... 1 18 4 1 10 The Answer is ... £4 13 6 1 65



LIGHT ARMOUR PLATED IRON FRIGATE, THE WARRIOR.

_		A CALC DE LEE CO. DEL						FRIGATE,			3				
D.	D.	ANNIVERSABIES,		SUN.		мо	on.		-	OONLIGHT.	WATER OF	-	ATER AT		Day
oF M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises Aftern.	Sets Morn.	Before Sunrise.	on's	O'Clock.	London	-	-	ol Dock.	of Year.
		Continuous and	The state of the s	Noon.	Н, М.	H. M.	H. M.	0 O'Clock.	Moon'	4 6 8 10 12	Morn.	Aftern.	Morn.	Aftern.	2.010,0
1	F	Circumcision	н. м. 8 8	м. в.	4 0	8 1	10 2	TIT	18		3 46	4 10	0 40	1 2	1
2	S	General Wolfe born, 1727	8 8	4 26	4 1	9 19	10 35		19		4 32	4 56	1 26	1 48	2
			8 8	4 54	4 2	10 39	11 4		20	777 777 777 3	5 20	5 46	2 12	2 36	3
3073/1	5	2nd Sunday aft. Christ.		5 21		11 56	11 32		21	700 700 700 000	6 11	6 36	3 2	3 27	4
	M	Amazon steamer burnt at sea, 1852	The Park		100		100000000000000000000000000000000000000		0		7 2	7 31	3 52	50 Sec.	5
5.1	Tu	Edward the Confessor died, 1041	8 8	5 48	4 4	Morn.	11 56		SECTION AND ADDRESS.	70 00 00					6
	W	EPIPHANY. Twelfth D.	8 7	6 14	4 6	1 11	Aftern.		23		8 1	1000	4 47	5 17	7
7	HT.	Calais taken, 1558	8 7	6 40	4 7	2 24	0 48		24		9 9	9 44	5 50	6 25	1000
8	F	Lucian. Prince Albert Victor of Wales born, 1864	8 7	7 6	4 8	3 36	1 19		25		10 20	10 56	7 0	7 36	8
9	S	Fire Insurance due	8 6	7 31	4 9	4 44	1 53		26		11 31	7	8 12	8 47	9
10	5	1st Sund. Aft. Epiphany	8 6	7 55	4 10	5 47	2 34		27		0 4	0 32	9 20	9 48	10
	M	Hilary Term begins	8. 5	8 19	4 11	6 44	3 20		28.	20 20 20 20	0 59	1 23	10 15	10 39	11
12	Tu	Coronation of Queen Elizabeth,	8 4	8 43	4 13	7 34	4 13		0	W W W	1 47	2 8	11 3	11 24	12
13	w	Cambridge Lent Term begins	8 3	9 5	4 14	8 17	5 10		1	3 300 300	2 29	2 48	11 45	-	13
14	Th	Oxford Lent Term begins	8 2	9 27	4 16	8 53	6 12		2		3 7	3 24	0 4	0 23	14
15	F	A STATE OF THE PARTY OF THE PAR	8 2	9 48	4 18	9 23	7 14		3		3 42	3 58	0 40	0 58	15
16	S	Sandwich Islands discovered, 1770 Battle of Corunna, 1809	8 1	10 9	4 19	9 49	8 18		4		4 14	4 31	1 14	1 30	16
			8 0	10 29	4 21	10 12	9 22		- 3		4 48	5 6	1 47	2 4	17
	3	2nd Sund. Aft. Epiphany	7 59	10 48	4 22	10 33	10 25		5		5 23	5 39	2 22	2 39	18
	M	Prisca		62	4 24	10 54	11 30		6		5 56	6 14	2 55	3 12	19
CO COLUMN	UT	First English Parliament, 1265	7 58	100	4 26	11 16	Morn.		7		6 33	6 53	3 30	3 49	20
	W	Fabian	7 57	11 24	15 miles	Marie 1 (16/0)	1000	777 777 777	8		7 15	7 40	4 9	4 31	21
21	Th	Agnes	7 56	11 41	4 27	11 40	-	24 (4)	0		8 9	8 42	4 56	5 25	22
22	F	Prince Christian born, 1831	7 55	11 57	4 29	Aftern.	1 42		10		9 17	9 53	5 58	6 33	23
23	S	W. Pitt died, 1806	7 54	12 12	4 31	0 37	2 52	3000	11		The state of the state of		7 9		24
24	3	SEPTUAGESIMA SUNDAY	7 53	12 27	4 33	1 15	4 2		12		10 29	11 5	10 mm	7 45	25
25	M	Princess Royal married, 1858	7 51	12 41	4 35	2 4	5 9		13		11 40	0 40	8 21	8 56	26
26	Tit	Sydney, New South Wales, founded, 1788	7 50	12 53	4 37	3 4	6 11		14		0 13	0 43	9 29	9 59	1000
27	W	Prince Frederick of Prussia born,	7 48	13 5	4 39	4 15	7 7		15		1 9	1 34	10 25	10 50	27
28	Th	Battle of Aliwal, 1846	7 47	13 17	4 40	5 32	7 53		•		1 59	2 23	11 15	11 39	28
29	F	George III, died, 1820	7 45	13 27	4 41	6 54	8 32		17		2 48	and the same	-	0 4	29
0.00	S	King Charles I, beheaded, 1649	7 44	13 37	4 43	8 18	9 5		18		3 34	3 56	0 28	0 50	
1000000	\$	Sexagesima Sunday	7 43	13 45	4 45	9 38	9 34		10	700 700 700	4 19	4 43	1 12	1 35	31

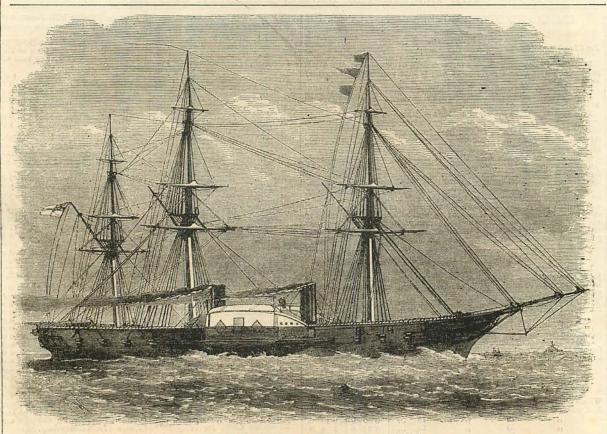


HEAVY ARMOUR-PLATED IRON FRIGATE, THE BELLEROPHON.

n	J.	D.	ANNIVERSARIES,		SUN.		мо	on.		S S 18 1	OF MO	ONLIGHT.			HIGH Y	CATEB	AT.			Day
0	10	OF	PESTIVALS,	Theres	Souths		Rises.	Sets.	1	Before Sunrise.	8.0	After Sunset.	Lon	don	Bridge,	Liv	erpo	ol Do	ck.	of
3		W,	occurrences, etc.	Rises.	Noon.	Sets.	Aftern.	Morn.	1	O'Clock.	Moon	O'Clock.	Mor	n.	Aftern.	Me	rn.	Afte	rn.	Year.
-				н. м.	M. s.	н. м.	н. м.	и. м.	1	0 2 4 6 S		4 6 8 10 12		215-67	н, м.		м.		м.	
1	1	M	Hilary Term ends	7 41	13 53	4 47	10 55	10 0			20		5	6	5 30	1	59	2	22	32
	2	Tu	Purification	7 40	14 1	4 49	Morn.	10 25		90 100	21		5	52	6 15	2	46	3	8	33
1 3	3	W	Blasius	7 38	14 7	4 50	0 13	10 53			0		6	39	7 4	3	31	3	55	34
	4	Tit	Sir Joseph Banks born, 1743	7 36	14 13	4 52	1 27	11 22	1		23		7	29	7 56	4	20	4	45	35
3	5	F	Sir R. Peel born, 1788	7 34	14 17	4 54	2 36	11 56			24		8	27	9 4	5	12	5	43	36
1	6	S	Queen Anne born, 1665	7 32	14 21	4 56	3 41	Aftern.			25		9	43	10 22	6	20	6	59	37
1 9	7	5	Quinquagesima Sunday	7 30	14 25	4 58	4 40	1 18		11/2/2	26		11	2	11 40	1 33	38		18	38
	8	M	Half Quarter Day	7 29	14 27	5 0	5 32	2 9			27		1	14	0 15	8	56	9	31	39
1 3	9	Tu	The Sultan of Turkey born, 1830	7 27	14 29	5 2	6 17	3 4			28		0	335	1 10	10	1	10	26	40
1	0	W	Ash Wednesday. Queen Vic.	7 26	14 29	5 4	6 54	4 2	2	111/11/11/2	29		1	34	1 56	100	10.6000	12.3	12	41
1	1	Tit	Washington born, 1732	7 24	14 30	5 5	7 26	5 5	5		0			16	2 3	-	32	11	51	42
1	2	F	Lady Jane Grey beheaded, 1554	7 22	14 29	5 7	7 54	6 9)		1		2	52	3 8	-	_	0	8	43
1	3	S	William and Mary proclaimed, 1689	7 20	14 27	5 9	8 17	7 12	2		2		3	24	3 40	0	24	0	40	44
1	4	5	QUADRAGESIMA SUNDAY.	7 18	14 25	5 11	8 39	8 16	3		3		100	55	4 10	2 3 7 3	56	1000	11	45
1	5	M	St. Valentine	7 16	14 22	5 13	8 59	9 20)		4		4	25	4 41	1	26	1 OF	41	46
1	6	Tu	Ember Week	7 14	14 19	5 14	9 20	10 24	1		5		4	55	5 11	E 11959	57	1000	11	47
1	7	W	Michael Angelo died, 1563	7 12	14 14	5 16	9 42	11 31			6		5	27	5 43		27	100	43	48
1	8	Tin	Luther died, 1546	7 10	14 9	5 18	10 6	Morn.			7		6	0	6 19	51 50	59	1	16	49
1	9	F	William III., Netherlands, born, 1817	7 8	14 3	5 20	10 35	0 37	7		0		6	37	6 5	200	35	1000	53	50
2	0	S	Princess L. Vic. A. Dagmar born, 1867	7 7	13 57	5 21	11 8	1 45	5	3/10/10/10	9		7	21	7 48		13	1 3	37	51
2	1	5	2ND SUNDAY IN LENT	7 5	13 50	5 23	11 51	2 51	I		10		8	22	9 (2 1776			38	52
2		M	James Barry died, 1806	7 3	13 42	5 25	Aftern.	3 53	3		11		9	41	10 2		16		57	53
12	23	Tu	Sir George Smart died, 1867	7 1	13 33	5 27	1 47	4 51	1		12		11	8	11 48	6 63	40	1000	24	54
1.2	24	W	St. Matthia8	6 59	13 24	5 29	3 1	5 41	1		13		-	-11	0 2			1	38	55
1 2	25	Th		6 56	13 14	5 30	4 20	6 24	4		14		100	51	1 1		100	200	34	56
1 5	26	F	Thomas Moore died, 1852	6 54	13 4	5 32	5 45	6 59	9				1	44	2	111	0	11	23	57
19	27	S	Wellington obtained a victory over Soult, 1814	6 52	12 53	5 34	7 9	7 30	0	5	16		2	30	2 5	11	46	-	-	58
1	28	5	3RD SUNDAY IN LENT	6 50	12 42	5 36	8 32	8 (0		17		3	18	3 4	0 0	10	0	34	59

UNARMOURED WOODEN SCREW-FRIGATE, THE	GALATEA.
	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P

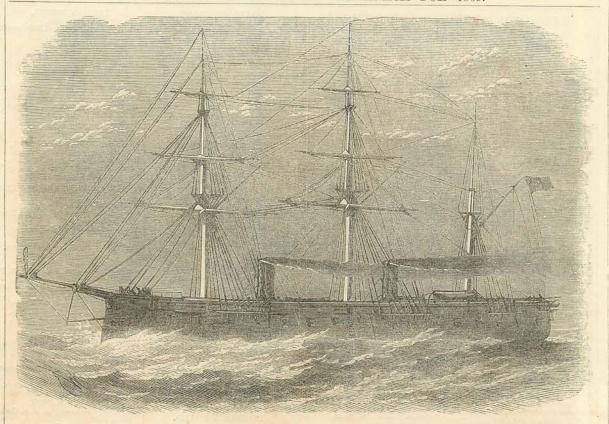
	1.1	THE THE PARTY OF T		SUN.		жо	on.	DURATION	OF MO	ONLIGHT.		HIGH W	ATER AT	HICL LLDOY	Day
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,	Division	Souths	· Caka	Rises.	Sets.	Before Sunrise.	8.11	After Sunset.	London	Bridge.	Liverpo	ol Dock.	Year.
M.	W.	OCCURRENCES, ETC.	Rises.	After Noon.	Sets.	Aftern.	Morn.	O'Clock.	Moon' Age.	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	4.000
-5	Y.5	Man to a River of the Control of the	н. м.	M. S.	н. м.	н. м.	н. м.	0 2 4 5 6	THE PERSON NAMED IN	6 7 8 10 12	н. м. 4 1	н. м. 4 24	н. м. 0 56	н. м.	60
1	M	St. David	6 48	12 30	5 38	9 51	8 26		18		S	100	2 100	30 F 50	
2	Tu	St. Chad	6 46	12 18	5 39	11 11	8 53		19		4 46	5 6	1 40	2 2	61
3	W	Louis Philippe arrived in England, 1848	6 44	12 5	5 41	Morn.	9 22		20		5 27	5 49	2 22	2 43	62
4	Tit	Length of Day 11h. 1m.	6 42	11 52	5 43	0 24	9 55		21		6 9	6 31	3 5	3 25	63
5	F	Death of Laplace, 1827	6 40	11 38	5 44	1 33	10 33		0		6 56	7 22	3 47	4 12	64
6	S	Charles I. of Wirtemberg born,	6 38	11 24	5 46	2 34	11 16		23		7 50	8 43	4 38	5 6	65
7	S 925	4TH SUNDAY IN LENT	6 36	11 9	5 48	3 29	Aftern.	7/10/1/10	24		9 2	9 24	5 39	6 18	66
8	W 125 12 5	Duke of Bridgewater died, 1803	6 33	10 54	5 50	4 16	0 58	7/1/2/3	25		10 25	11 7	7 0	7 41	67
2	1100	Fire Insurance due	6 31	10 39	66 Jan 1999	4 56	1 56	7/10/10/10	26		11 47	-	8 23	9 3	68
	100		6 28	10 24	1	5 29	2 57	WWW.WW.W.	27		0 23	0 51	9 39	10 7	69
10	1000	Prince of Wales married, 1863	6 26	10 8	al and	5 57	4 0		28		1 12	1 34	10 28	10 50	70
11		Income Tax imposed, 1842	6 24	9 51	5 57	6 21	5 3	7/18/1/18/1/18	29		1 54	31 35 35 3	11 10	11 29	71
1:	1/20	St. Gregory	4 23	20 300	The state of	A CONTRACTOR	6 8	100000000000000000000000000000000000000	O		2 29	2 43	11 45	11 59	72
13		Uranus discovered, 1781	1		100	1000	11/200		1		3 0	1 2 3	_	0 16	73
1.	-	5TH SUNDAY IN LENT. King [Victor Emmanuel born, 1820	6 18	9 18	200	1000			2		3 30	99 1707		0 46	74
1	5 M	I Victor Emmanuer born, 1820	6 16	1 000		7 25	3		á		3 58				75
1	6 Tu	Prince Imperial born, 1856	6 13	00.000					3	300		7708		1 45	76
1	7 W	St. Patrick	6 11	The same		100	1000	Control Control	4		1 3 3				77
1	8 Ti	Princess Louisa born, 1848	6 9	8 9	6 8	8 8 37	11 3		5		5 (The second	The same		78
1	9 F	Cambridge Lent Term ends	6 7	7 5	1 6	9 9 7	Morn.		6		5 3	N. T. Carlotte			1
2	0 8	Oxford Lent Term ends	6 8	7 3	3 6 1	1 9 46	0 4		7			9 6 2			79
2	1 5	PALM SUNDAY	6 3	7 1	5 6 1	2 10 32	2 1 4	3	0		6 5	The same			80
2	2 M		6	6 5	6 6 1	4 11 30	2 4	1	9		7 5	10	ST AND DESCRIPTIONS	1 756 14	81
1 27	23 T	National Gallery founded, 1824	5 5	6 3	8 6 1	5 Aftern	. 3 3	2	10		9 1		2500000	200	82
1 2	24 W	Queen Marie Amélie died, 1866	5 5	7 6 2	0 6 1	7 1 5	1 4 1	7	11		10 4		District Control		83
1 10	25 T	H Lady Day. Annunciation	5 5	4 6	1 6 1	8 3 1	1 4 5	3	12		1027.0	0	1 8 40	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	84
-	26]	200300000000000000000000000000000000000	CONTRACTOR SANS	2 5 4	3 6 2	0 4 3	4 5 2	6	13		0 3		0 9 48	70	The state of the s
9 50	1373 JB		5 5			2 5 5	8 5 5	5			1 2		the state of the	2 100	200
	A 100		5 4		5 6 2	4 7 2	1 6 2	2	15		2 1	1 2 3	3 11 2	A CONTRACTOR	333
100		T	5 4						16	1000 X 1000 1000 1000 1000 1000 1000 10	2 5	5 3 1	7 -	0 11	A CAR .
1		John Keble died, 1866	5 4	10 To 10			3 7 1		17		3 3	39 3 5	9 0 3	3 0 5	89
	THE STATE OF	Battle of Fontenay, 1814				0 11 1		0	18		4 2	20 4 4	2 1 1	5 1 3	3 90
	31	V Oxford Easter Term begins	5 4	1 4 1	010 6	0 11 1	0 10							101	



PADDLE WOODEN STEAM-FRIGATE, THE TERRIBLE.

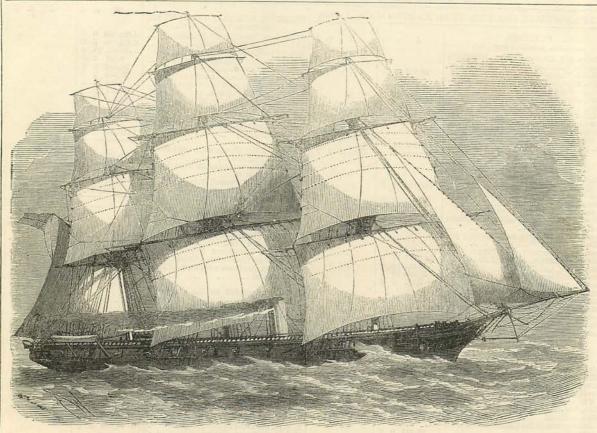
-				10000		240	on.	DURATION	OP M	ONLIGHT	нісн	WATER AT		Day
D.	D.	ANNIVERSARIES,	-	So uths			-	Before Sunrise.	100	After Sunset.	London Bridge	Liverpoo	l Dock.	of
M.	W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	after Noon.	Sets.	Rises. Morn.	Sets. Aftern.	O'Clock.	Moon' Age.	O'Clock.	Morn. Aftern		Aftern.	Year.
100	4		н. м.	м. s,	н. м.	н. м.	н. м.	0 2 3 4 5	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Own	7 8 9 10	н. м. н. м 5 3 5 23		2 19	91
1	Th	Expedition to the North Pole, 1818	5 38	3 52	6 31	Morn.	8 26		19				3 0	92
2	F	Cambridge Easter Term begins	5 36	3 34	6 33	0 24	9 9		20				3 46	93
3	S		5 34	3 16	6 35	1 23	9 56		0					
4	5	Low Sunday	5 31	2 58	6 37	2 15	10 50		22		7 20 7 5	8 8	100	94
5	M	Princess Victoria of Hesse born,	5 29	2 40	6 38	2 57	11 47		23			8 5 6		95
6	Ti:	Old Lady Day	5 27	2 23	6 40	3 32	Aftern.	111/10/4	24		9 51 10 3	The State of	7 7	96
7	W	Prince Leopold born, 1853	5 24	2 6	6 41	4 2	1 51		25		11 13 11 4		8 29 9 35	97
8	Th	Christian IX. of Denmark born,	5 22	1 49	6 43	4 27	2 55		26		- 0 1	(a) 5. 10 Co.	1000	98
9	F	Lord Bacon died, 1626. Fire	5 20	1 32	6 44	4 50	3 58		27			3 9 58	10 19	99
10	S	Insurance due	5 18	1 16	6 45	5 10	5 2		28		1 23 1 4	S A A A S	10 57	100
11	90	Battle of Toulouse, 1814 2 ND. SUND. AFT. EASTER	5 15	0 59	6 47	5 30	6 7		29		1 57 2 1		11 29	101
12	M	Princess Frederica of Prussia	5 13	0 44	6 48	. 5 53	7 14		0		2 27 2 4		11 59	102
13	Tu	born, 1866	5 11	0 28	6 50	6 15	8 20		1		2 59 3 1	T CT Block	0 15	103
14	W	Handel died, 1759 Princess Beatrice born, 1857. Pr.	- 0	0 13	6 52	6 39	9 28		2		3 30 3 4		0 46	104
15	Ti	Christian of Augustenb. b., 1867	5 7	before	6 54	7 8	10 33		3		4 1 4 1	200	1 17	105
	F	Zanber werm wegitte	5 5	0 17	6 55	7 45	11 37	VIII VIII VIII VIII	4		4 34 4 5	GI CONTRACTOR	1 50	106
16		Victory of Culloden, 1746 Napoleon III. visited England,	100		6 57	8 29	Morn.	111111111111111111111111111111111111111	5		5 9 5 2		2 25	107
17	S	1855			1000000	9 20	0 37		6		5 48 6 1	Cd	3 4	108
18	1		4 58		The second	10 23	1 28	3 000 000	0		6 36 7	3 3 26		109
19	T SOME		4 56		12 4	11 39	2 2 14	200/100/10	8			3 4 19	H SE	110
20			2 (1) (6)	100 0000	113	The same of	2 58	- ///	9		8 56 9 3	9 5 29	1 2 2 2	111
2		323	4 53		France (G)	2 9	3 26		10		10 21 11	3 6 55	200	112
25	11 1200		4 51	3 35			3 55		11		11 39 -	8 19		113
2	100	St. George	4 40		(Second				12		0 9 0 3	37 9 25	- 22	114
2			1 1	a de const	1		10/		13			26 10 18		
2	100		1700			1000	57 32 575				1 48 2	8 11 4	The state of the state of	THE CONTROL OF
	3 M		4 48		6.200	ALL STATES			15			54 11 47		117
2	1300	Charles of the Authority of the	4 41				5 6 19		16			37 0 10	100000000	ST WATER CO.
2		The state of the s		7 Inc. 10		7 11 1	6 (60)		17		3 57 4	177		STATE OF THE PARTY
2	120 020		4 9	1000		Some of	-		18		4 38 4	59 1 34	1 1 54	1 120
3	$0 \mid I$	London University founded, 1827	4 3	1 2 5	ric v	o Morn			Man n					

THE ILLUSTRATED LONDON ALMANACK FOR 1869.



CONVERTED IRON-CLAD WOODEN FRIGATE CALEDONIA.

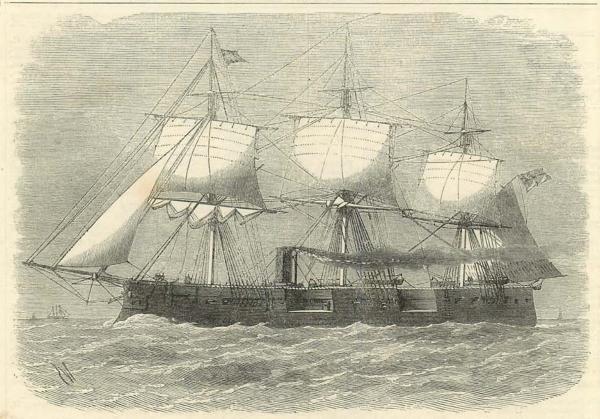
-				January Co.										501	
D.	D.	ANNIVERSARIES,		SUN.		MO	ON.	DURATION	. 42			_	ATER AT	TV VALUE OF THE	Day
OF M.	oF w.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths before	Sets.	Rises. Morn.	Sets. Morn.	Before Sunrise.	Moon'	After Sunset.	London Bi	V 10 10 10 10 10 10 10 10 10 10 10 10 10		of Doc	of lar.
		A TO THE PROPERTY OF THE PARTY	н. м.	Noon.	н, м.	H. M.	H. M.	0 Clock.	Mo	7 9 10 11 12	Morn. A	ftern.	Morn.	Aftern.	
1	S	St. Philip and St. James	4 34	м. s. 3 4	7 21	0 7	8 37	1111	19			5 40	2 15	2 34	121
	5	Rogation Sunday	4 33	3 11	7 23	0 53	9 34	100	20		8 384	6 28	2 56	3 20	122
	M	Charles XV. of Sweden and Nor-	4 31	3 18	7 24	1 34	10 35	911094	Ö		6 53	7 20	3 44	4 9	123
	5556	way born, 1826	4 29	3 24	7 26	2 5	11 38	70000	22		10 7	8 28	4 36	5 6	124
	Tu	Seringapatam taken, 1799	4 28	3 30	7 27	2 32	(C) (C) (C) (C)	200 200 20	23			9 45	5 44	6 24	125
-	W	Napoleon I, died, 1821	4 26		7 29	2 55	Aftern.		24			0 59	7 1	7 38	126
511	Th	Ascension Day			100	14 23 23	17 300	700 900 700	日本 日本 日本 日本				The same of the sa	8 47	1770
7	F	Napoleon I. made Consul, 1802	4 24	3 39	7 30	3 16	2 50	200 000 000 00	25		11 31 1	1 59		1000	127
8	S	Easter Term ends	4 22	3 43	7 32	3 36	3 56		26			0 23	9 15	9 39	128
9	3	SUNDAY AFTER ASCENSION	4 21	3 46	7 34	3 57	5 1	100 100 100 100	27		0 43	1 2	9 59	10 18	120
10	M	President Davis taken, 1865	4 19	3 48	7 35	4 19	6 9	1111 1111 1111 1111	28		1 21	1 38	10 37	10 54	130
11	Ti	Percival assassinated in the House of Commons, 1812	4 17	3 50	7 36	4 42	7 17		0,		1 54	2 10	11 10	11 26	131
12	W	Lord Strafford beheaded, 1611	4 16	3 52	7 38	5 11	8 25		1		2 28	2 47	11 44	-	132
13	Th	Pope Pius IX, born, 1792	4 14	3 52	7 39	5 44	9 31		2		3 3	3 20	0 3	0 19	133
14	F	Oxford Easter Term ends. Cam- bridge Easter Term divides	4 12	3 53	7 41	6 26	10 33		3	3///	3 36	3 53	0 36	0 52	134
15	S	Cuvier died at Paris, 1832	4 11	3 52	7 42	7 15	11 28		4		4 12	4 31	1 9	1 28	135
16	100	WHIT SUNDAY	4 10	3 52	7 44	8 14	Morn.		5		4 51	5 13	1 47	2 7	136
17	M	Battle of Alessandria, 1790	4 8	3 50	7 45	9 23	0 15	70 70 70 70	6		5 34	5 58	2 29	2 50	137
18	Tu	Boswell died, 1795	4 7	3 48	7 47	10 36	0 55		0		6 26	6 56	3 14	3 42	138
	W	Dunstan	4 5	3 46	7 48	11 51	1 29	7/2///	8		7 28	8 5	4 12	4 44	139
19	3	Columbus died, 1506	4 4	3 43	7 49	Aftern.	1 57		°9		8 45	9 24	5 21	6 1	140
20	Th	Death of Harley, Earl of Oxford,	4 3	3 39	7 51	2 30	2 25	70.00	10		10 0 1	0 35	6 40	7 16	141
21	F	1724	4 1	3 35	7 52	3 50	2 50		11		11 9 1	1 40	7 51	8 25	142
22	S	Trinity Term begins	4 0	3 31	7 53	5 21	3 16		12		1000	0 8	8 56	9 24	143
23	30	TRINITY SUNDAY	3 59	3 26	7 55	6 27	3 44		13		0 35	1 2	9 51	10 18	144
24	M	Queen Victoria born, 1819 Princess Helena of Augustenburg	(C.C.) (302)	3 20	1.0 636	1000	4 14				1 27	1 50			145
25	Tu	born, 1846		2 20		7 43 8 53	1 23		15		2 13	2 35	11 29	11 51	146
26	W	St. Augustin	3 57	3 14	W 200	0.40.6	25.509		16		2 57	3 17	11 20	0 13	147
27	Tin	Corpus Christi. Duke of Cum- berland b., 1819		3 8	7 59	9 56	700000000000000000000000000000000000000		17	1110 1110 1110	3 39	3 58	0 33	0.55	148
28	F	William Pitt born, 1759	3 55	3 1	8 0	10 48			18		1	4 39	1 700	1 35	149
29	S	Charles II. restored, 1660	3 54	2 53	17	11 32	7 20		19		4 19		1 14	2 15	150
30	100	1st Sunday aft. Trinity	3 53	2 45		Morn.	8 20		20		4 59	5 20	1 55	1 2 2 2 2 2	1000
31	M	Canton taken, 1841	3 52	2 37	8 3	0 7	9 23		187.20		5 41	6 3	2 36	2 57	151



UNARMOURED WOODEN CORVETTE, THE WOLVERINE.

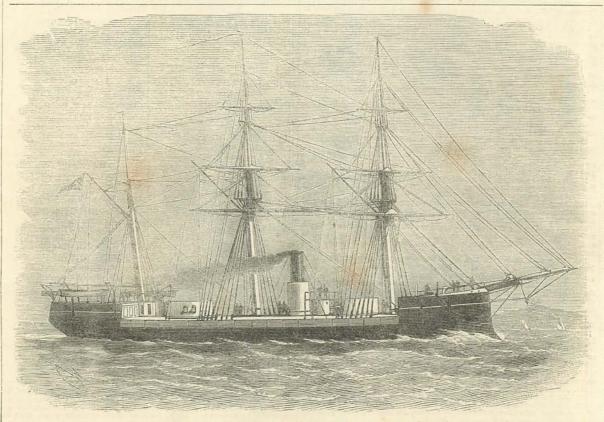
D.	D.	ANNIVERSARIES,		BUN.		MC	ON.		OF MOONLIGHT,	н	GH WATER AT		Day
OF M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets. Morn.	Before Sunrise.	O'Clock. 8 9 19 11 12	London Bri		ool Dock.	Year.
				Noon.		Morn.	100000000000000000000000000000000000000	O'Clock, 0 1 2 3 4	8 9 10 11 12			Aftern .	1,000
1	Tu	Nicomede	н. м. 3 51	м. s. 2 28	н. м. 8 4	н. м. 0 36	н. м. 10 27	- Free	21		м. н. м. 52 3 19		152
2	W	Gordon Riots commenced, 1780	3 50	2 19	8 5	1 0	11 33		0 77 77	7 17 7	45 4 8	4 33	153
3	Th	Prince George of Wales born, 1865	3 50	2 9	8 6	1 21	Aftern.		23	8 16 8	51 5 1	5 32	154
4	F	Countess of Blessington died, 1849	3 49	1 59	8 7	1 41	1 41		24	9 26 9	58 6 7	6 42	155
5	S	Boniface	3 49	1 49	8 8	2 1	2 47	7//A///A	25	10 27 10	57 7 14	7 43	156
6	3	2ND SUND. AFTER TRINITY	3 48	1 38	8 9	2 23	3 54		26	11 27 11	55 8 13	8 43	157
7	M	Reform Bill passed, 1832	3 47	1 27	8 10	2 46	5 2		27	- 0	19 9 11	9 35	158
8	Tu	Seven Bishops sent to the Tower, 1688	3 47	1 13	8 11	3 12	6 11		28	0 40 1	1 9 56	10 17	159
9	W	Sir Joseph Paxton died, 1865	3 46	1 4	8 12	3 42	7 19		29	1 22 1	41 10 38	10 57	160
10	Th	Attempt to shoot the Queen by Oxford, 1840	3 46	0 52	8 12	4 21	8 25			2 1 2	20 11 17	11 36	161
11	F	St. Barnabas	3 45	0 40	8 13	5 7	9 24		1 2/1/2/2/2	2 40 3	0 11 56	S	162
12	S	Trinity Term ends	3 45	0 28	8 14	6 5	10 14		2	3 19 3	40 0 16	0 35	163
13	30	3RD SUND. AFTER TRINITY	3 45	0 15	8 15	7 11	10 57	220000	3	4 0 4	20 0 56		164
14	M	Battle at Nazeby, 1645	3 45	0 3	8 16	8 24	11 33		4	4 42 5	5 1 36		165
15	Tt	Magna Charta signed, 1215	3 44	Aftern.	8 16	9 42	Morn.		5	5 29 5	53 2 21	The State of the S	166
16	W	Duke of Marlborough died, 1722	3 44	0 23	8 16	10 59	0 4		6	6 21 6	49 3 9		167
17	Th	St. Alban	3 44	0 36	8 16	Aftern.	0 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	7 18 7	50 4 6		168
18	F	Battle of Waterloo, 1815	3 44	0 49	8 17	1 36	0.56		8	8 24 9	0 5 6		169
19	S	Inigo Jones died, 1652	3 44	1 1	8 18	2 53	1 20		9	9 35 10	8 6 16	G INC. THE REAL PROPERTY.	170
20	5	4TH SUND. AFTER TRINITY	3 44	1 14	8 18	4 11	1 46		10	10 42 11	15 7 24	The state of the s	171
21	M	Proclamation	3 44	1 27	8 18	5 25	2 14			11 45 -	- 8 31		172
22	Tu	Great Fire at London Bridge, 1861		1 40	8 19	6 37	2 48		12	2 40 0	41 9 30	CONTRACTOR OF THE PARTY OF THE	173
23	W	Queen reviewed 20,000 volunteers in Hyde Park, 1800	0 10	1 53	8 19	7 42	3 26		13	1 8 1	34 10 24	110	174
24	74	St. John Baptist. Midsum- mer Day	0 10	2 6	8 19	8 39	4 12			1 58 2	A CONTRACTOR		175
25	F.	Cambridge Easter Term ends	3 46	2 18	8 18	9 25	5 6		15	2 44 3	4 -	Midn.	176
26	S	George IV. died, 1830	3 46	2 31	8 18	10 6	6 6	The state of the s	16	3 24 3	Marie Name of		177
27	3	5TH SUND, AFTER TRINITY	3 46	2 43	8 18	10 37	7 7		17 18	4 4 4			178
28	M	Queen Victoria crowned, 1838	3 47	2 56	8 18	11 4	8 12		18	4 42 5			179 180
29	Tu	St. Peter	3 48	3 8	8 18	11 27	9 16	Control of the Contro	20	5 18 5	STATE OF THE PARTY		181
30	W	Duke of Argyll beheaded, 1685	3 49	3 19	8 18	11 48	10 23	1 18	GUE WARRENSTON	5 57 6	19 2 55	3 3 13	181

THE ILLUSTRATED LONDON ALMANACK FOR 1869.



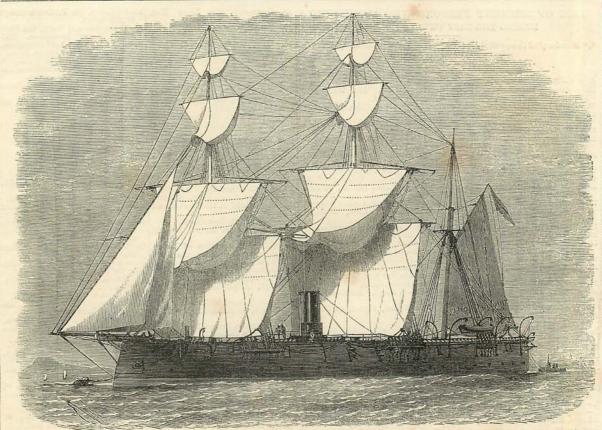
ARMOUR-PLATED WOODEN CORVETTE, THE PALLAS.

p.	D.	ANNIVERSARIES,		SUN.	3	310	oon.	1	DURATION		ONLIGHT.		нісн w	ATER AT		Day
OF	OF	FESTIVALS,	Rises.	Souths	Sets.	Rises.	Sets.	I	Before Sunrise.	nn's	After Sunset.	London	Bridge.	Liverpo	ol Dock.	of Year
м.	w.	OCCURRENCES, ETC.	mises.	Noon.	and the same	Aftern.	Morn.		O'Clock.	Moon's	O'Clock. 8 9 10 11 12	Morn.	Aftern.	Morn.	Aftern.	Tear
1	m.		н. м.	м. в.	н. м. 8 17	H. M. Morn.	н. м.		0 1 2 3 4	-	18 9 10 11 12 1990A990A990A	н. м. 6 40	и. м. 7 3	и. м.	н. м.	182
2	Th F	Princess Alice married, 1862		0.000	100	10.00				21		7 27	7 53	4 19	4 43	183
-	7	Sir R. Peel died, 1850	3 49	3 42	8 17	0 6	Aftern.			0		8 23	8 55	5 9	5 39	184
3	S	Dog days begin	3 50	3 54	8 16	0 28	1 37			23			9 58	6 11	6 44	185
4	18	6TH SUND. AFTER TRINITY	3 51	4 4	8 16	0 48	2 44			24		1000 32	100	100000000000000000000000000000000000000	7 44	186
5	M	Princess Helena married, 1866	3 52	4 15	8 16	1 12	3 51	100		25		10 28	10 58	7 14	8 44	
6	Tu	Battle of Wagram, 1809	3 53	4 25	8 16	1 40	4 59	10		26		11 28	11 57	8 14	O DE COME	187
7	W	Thomas à Becket assassinated, 1170	3 54	4 35	8 15	2 16	6 8			27			0 23	9 13	9 39	188
8	Th	Edmund Burke died, 1797	3 55	4 45	8 15	2 57	7 11	100		28		0 46	1 11	10 2	10 27	189
9	F	Fire Insurance due	3 56	4 54	8 14	3 50	8 7	N.V.		O 1		1 35	1 58	10 51	11 14	190
10	S	Oxford Trinity Term ends	3 57	5 3	8 14	4 56	8 54			1		2 19	2 42	11 35	11 58	191
11	3	7TH SUND. AFTER TRINITY	3 58	5 11	8 13	6 8	9 33			2	2000	3 5	3 27	3-3	0 21	192
12	M	[Prs. Irene of Hesse born, 1866	3 59	5 19	8 12	7 27	10 8			3		3 48	4 10	0 43	1 4	193
13	Tu	Sheridan died, 1816	4 0	5 26	8 11	8 46	10 36			4		4 32	4 57	1 26	1 48	194
14	W	Bastile destroyed, 1789	4 1	5 33	8 10	10 5	11 2			5		5 20	5 45	2 13	2 36	195
15	Tit	Swithin	4 2	5 39	8 9	11 25	11 26			6		6 9	6 36	3 1	3 25	196
16	F	Sir Joshua Reynolds born, 1723	4 3	5 45	8 8	Aftern.	11 50)		0		7 4	7 32	3 52	4 20	197
17	S	Dr. Watts born, 1674	4 4	5 50	8 7	1 57	Morn.			8		8 1	8 33	4 48	5 17	198
18	5	8TH SUND, AFTER TRINITY	4 5	5 55	8 6	3 13	0 17		100000	9		9 6	9 39	5 49	6 22	199
19	M	Duchess of Mecklenburg born, 1822	4 6	5 59	8 5	4 26	0 48	3		10		10 13	10 48	6 55	7 29	200
20	Tu	Margaret	4 8	6 3	8 4	5 31	1 25	5	03/11/1/1	11		11 23	11 57	8 4	8 39	201
21	W	Robert Burns died, 1796	4 9	6 6	8 3	6 31	2 7			12		-	0 29	9 13	9 45	202
22	Th	St. Mary Magdalene	4 10	6 9	8 2	7 21	2 57	7		13		0 57	1 22	10 13	10 38	203
23	F	Battle of Salamanca, 1812	4 11	6 10	8 0	8 4	3 53	3		0		1 46	2 9	11 2	11 25	204
24	S	Princess Victoria of Prussia born.	4 12	6 12	7 58	8 38	4 55	5		15		2 30	2 51	11 46	-	205
25	30	9TH SUND. AFTER TRINITY	W 25	6 13	1 200	9 6	5 58	3		16		3 10	3 28	0 7	0 26	206
26		St. Anne	4 15	6 13	100	9 30	7 3	3		17.		3 46	4 2	0 44	1 2	207
27	To	Battle of Talavera, 1809	4 17	6 12	151/15/65	9 52	8 9)		18		4 20	4 38	1 18	1 36	208
28	100	Cowley died, 1667	4 19	6 11	7 51		9 14	1		19		4 56	5 13	1 54	2 12	209
29	I.	WA ersorce died, 1830	4 21	6 10		10.00		7		20		5 29	5 46	2 29	2 45	210
30	F	Paley died, 1743	4 28		100	1000				21		6 6	6 24	3 2	3 22	211
31	-	Grey died, 1771	4 24		3 33			38		0		6 43	7 5	3 40	3 59	212



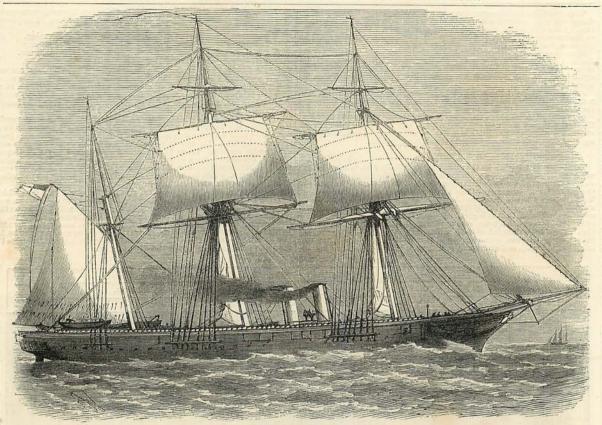
ARMOUR-PLATED IRON TURRET-SHIP, THE SCORPION.

198	-3	State State Control of State Control		SUN.		210	ON.	DURATION	OF M	OONLIGHT.		нісн w	ATER AT		Day
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,	Diana	Souths	Sets.	Rises.	Sets.	Before Sunrise.	e. e.	After Sunset.	London	Bridge.	Liverpo	of Dock.	of Year.
м.	W.	occurrences, etc.	Rises.	Noon.	sets.	Aftern.	Aftern.	O'Clock. 0 1 2 3 5	Moon'	8 9 10 11 12	Morn.	Aftern.	ATTENDED TO STATE AND ADDRESS.	Aftern.	T CHI.
	~	10 G	н. м. 4 25	м. в.	н. м. 7 46	н. м.	н. м.		23	WWW.WWW.WW.	и. м. 7 27	н. м. 7 52	н. м. 4 21	и. м.	213
1	3	10th Sund. Aft. Trinity.		5 58	7 44	Morn.	2 41		24		8 21	8 56	5 8	5 37	214
2	M	[Lammas Day	4 27 4 28	5 53	7 43	0 10	3 48		25		9 32	10 6	6 12	6 48	215
3	Tu	Sir R. Arkwright died, 1792	1				4 53	700	26		10 41	11 16	7 22	7 57	216
4	W	G. Canning died, 1827			100			William.	27		11 50		8 32	9 6	217
5	Th	Battle of Almeida, 1811	4 31	5 42	7 40	16.00	1 30	11000	100000000000000000000000000000000000000		0 20	0 48	9 36	10 4	218
G	F	Prince Alfred born, 1844	4 33	5 36	7 38	2 33	6 44	2003000000	28		1 15	1 42	10 31	10 58	219
7	S	Queen Caroline died, 1821	4 35	5 29	7 36	3 45	7 28		0	200 200 200 200	2 6	2 27	11 22	11 43	220
8	30	11th Sund. Aft. Trinity	4 36	5 22	7 34	5 1	8 4		1	200000000000000000000000000000000000000	2 50	3 12	11 22	0 6	221
9	M	The Ashburton Treaty concluded at Washington, 1842	4 38	5 14	7 32	6 23	8 36		2	30 000 000	3 35	3 55	0 28	0 51	222
10	Tu	St. Lawrence	4 39	5 5	7 31	7 45	9 3		3	300,000		4 42	1 11	1 34	222
11	W	Dog Days end	4 41	4 56	7 29	9 7	9 30		4	30000	4 18 5 3	5 26	1 58	2 19	224
12	Tin	Grouse-shooting begins	4 43	4 46	7 27	10 28	9 55		5		5 51	6 14	2 42	3 7	224
13	F	Old Lammas Day	4 44	4 36	7 25	10 47	10 22		6			7 2	3 30	3 53	226
14	S	Prince Albert of Prussia born, 1862	4 45	4 25	7 23	Aftern.	10 51		0		5.20(19.00)	100 Carlo	10000		
15	30	12th Sund. Aft. Trinity	4 46	4 13	7 21	2 17	11 25		8		7 29	7 59	4 18	- E 441	227
16	M	Gas lights first introduced, 1807	4 48	4 1	7 19	3 24	Morn.		9		8 33	9 10	5 15		228
17	Ti	Frederick the Great died, 1786	4 49	3 49	7 17	4 26	0 6		10		9 47	10 27	6 26		229
18	W	Francis Joseph I, born, 1830	4 51	3 36	7 15	5 18	0 53	3//////////////////////////////////////	11		11 6	11 43	7 43	0.00	230
19	Th	Earl Russell born, 1792	4 52	3 22	7 13	6 2	1 47	3///	12		0.45	0 16	8 59	HHALL VAN	231
20	F	Battle of Saragossa, 1810	4 54	3 8	7 11	6 39	2 45	3 100	13 14		0 45	1 12	10 1		232
21	S	Blackcock-shooting begins	4 55	2 54	7 9	7 9	3 48		14		1 36	1 56	10 52	145 ZZ	750000
22	30	13TH SUND. AFT. TRINITY	4 57	2 39	7 7	7 35	4 53				2 15	2 35	11 31	0 9	234
23	M	Duke of Buckingham assassi- nated, 1628	4 59	2 23	7 5	7 57	5 59		16	3	2 53	3 8	0.01	1 2	235
24	Ti	St. Bartholomew	5 0	2 7	7 3	8 16	7 3		17	2	3 25	3 41	0 24	0 41	236
25	W	Louis II. of Bavaria born, 1845	5 2	1 51	7 1	8 36	8 7		18		3 56	4 12	0 57	1 12	237
26	2000	Sir R. Walpole born, 1676	5 3	1.34	6 59	8 57	9 11		19		4 28	4 43	1 28	1 44	238
27	(P26)	Thomson (poet) died, 1748	5 5	1 17	6 57	9 18			20	William -	4 57	5 13	1 59	2 13 2 45	239
28	750	St. Augustine	5 7	1 0	6 55	1000			21	1111/1/2	5 29	5 45	1 70	1500000	240
29	1000	14TH SUND. AFT. TRINITY.	5 8	0 42	6 53		5,000,000		22		6 3	6 22	3 1	3 19	
30		The Royal George sunk at Spithead, 1782	5 10	0 24	6 51	10 42			0	200 000 000 20	6 42	7 5	3 38		S 100 000 000 000 000 000 000 000 000 00
31			5 12	0 6	6 48	11 24	2 36		24	WINSHINSHIPS .	7 31	8 3	4 21	4 47	243



ARMOUR-PLATED WOODEN SLOOP, THE RESEARCH.

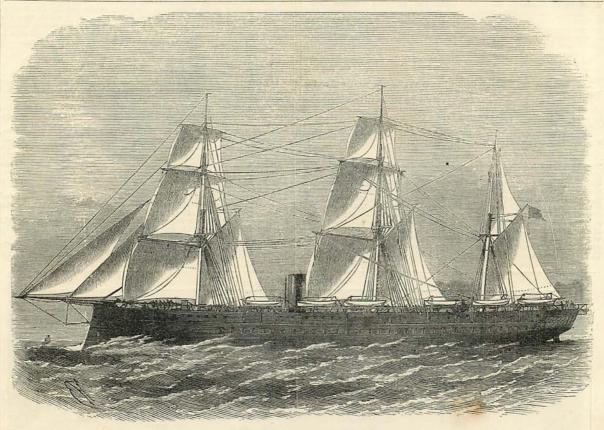
-		Company of the Compan	AL S	SUN		мос	N.	DURATION OF 3	OONLIGHT.	HIGH W		Day
D.	D.	ANNIVERSARIES,		Souths			Sets.	Before Sunrise.	After Sunset.	London Bridge.	Liverpool Dock.	of Year.
M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	before	Sets.	Rises. Aftern.	Aftern.	O'Clock.	O'Clock.	Morn. Aftern.	Morn. Aftern.	-
	-		н. м.	Noon.	н. м	н. м.	н. м.		7 8 9 10 12	н. м. н. м.	H. M. H. M.	
1	W	Giles. Partridge-shooting	5 13	0 13	6 46	Morn.	3 38	25		8 40 9 20	5 19 5 56	G 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
2	1	Great Fire of London, 1666	5 15	0 32	6 44	0 16	4 33	26		10 1 10 41	6 36 7 17	1 55000
3	1		5 16	0 51	6 42	1 19	5 19	27		11 20 11 55	7 57 8 36	2000
	1	Oliver Cromwell died, 1659	5 18	1 10	6 40	2 32	5 59	28		— 0 26	9 11 9 42	0.000
4	1000	Battle of Worcester, 1651		1 30	100000	3 52	6 33	29		0 55 1 20	10 11 10 36	248
5	1 250		5 20		6 35	5 16	7 2			1 44 2 6	11 0 11 22	2 249
1 6	0	Naples, 1860	5 21	1 50	HARLEY AND A	Transcore and	7 31	1		2 30 2 53	11 46 -	250
7	T	Eunurchus	5 23	2 10	6 32	6 41	The second	2	300000	3 14 3 37	0 9 0 30	251
8	W	Nativity of the Vir. Mary	5 24	2 30	6 29	8 6	7 56	3		3 59 4 21	0 53 1 16	5 252
5	Ti	I Sebastopol taken, 1855	5 26	2 51	6 27	9 27	8 23		111111114	4 42 5 3		O CONTRACTOR
10	F	Battle of Flodden Field, 1513	5 27	3 11	6 25	10 48	8 53	4		5 24 5 46	5 50	
11	S	Battle of Malplaquet, 1709	5 29	3 32	6 23	Aftern.	9 26	5		6 9 6 32		
15	2 5	5 16TH SUND. AFT. TRINITY	5 31	3 53	6 20	1 17	10 5			6 58 7 27	3 48 4 1	
1:	11 123		5 32	4 14	6 18	2 21	10 49	7			9 10	31 - 33500
1			5 34	4 35	6 16	3 16	11 41	8				100
1			5 35	4 56	6 14	4 3	Morn.	9		9 21 10 4		100000
1000	20 100	Didney (congression)	5 37	5 17	6 12	4 41	0 39			10 47 11 27		STATE OF THE PARTY
10	5 B		5 38	5 39		5 13	1 40	1		_ 0 1	8 43 9 1	2 P. S.
1	70,000	220 Maria 100 Ma	5 40	6 0	3	5 40	2 44	1		0 30 0 54		NAME OF TAXABLE PARTY.
1			1000				3 49	1	3	1 16 1 37		
1	10.77 PM		5 43		9 5 8	1 2 20	10 TO 1888			1 55 2 1	1 11 11 11 2	
2	213		11000 2000	6 106	3 100	6 42				2 27 2 43		AL PRINCIPAL
2	100	THE RESERVE OF THE PARTY OF THE	5 45	100	The said	3.07	1 3 30			2 57 3 19	2 - 0 1	SER MARKET
2	2 V	And the second s	5 47	7 24		V 101	00			3 28 3 45	2 0 28 0 4	4 266
2	3 7		5 48			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50		200	3 58 4 13	3 0 58 1 1	4 267
2	4	F Butler (poet) died, 1680	5 50	8	S. The Park	10 11 11	1500		7110	4 26 4 4	1 1 29 1 4	2 268
2	25	S Porson died, 1808	5 51	30 00	E 58 025	10.00			10000000	4 58 5 1	4 1 57 2 1	4 269
2	26	\$ 18th Sund. Aft. Trinity		7	Control of the second		11 23		1000 10000	5 30 5 4	8 2 30 2 4	6 270
1 5		M St. Cyprian		9 '	7 5 4	The same of the sa			100000000000000000000000000000000000000	6 9 6 3		25 271
1 1	0.3	Iu Metropolitan Police commenced duty, 1829	5 50	9 2	7 5 4	5 10 6			1000 1000 1000 100	6 58 7 2		4 272
	S OF S	W St. Michael. Michaelmas	5 5	9 4	7 5 43	3 11 (8 4 8 4		20 273
	0.00	TH St. Jerome	5 5	10	6 5 4	1 Morn.	3 1	2		0 1 0 1	1	



DESPATCH GUN-BOAT, THE VIGILANT.

				SUN		7	мо	on.	DURATION	OF M	DONLIGHT,		нюн w.	ATER AT		Day
D. OF	D. OF	ANNIVERSABLES, FESTIVALS,		Sout			Rises	Sets	Before Sunrise.	n's e.	After Sunset.	London	Bridge.	Liverpo		of Year.
M.	w.	OCCURRENCES, ETC.	Rises.	Noo		Sets.	Morn.	Aftern.	O'Clock.	Moon' Age.	6 7 8 10 12	Morn.	Aftern.	Morn.	Aftern.	
	1	Combutan Mishael	н. м.			н. м.	н. м.	н. м.	B	25	1000420042004	н. м. 9 32	н. м.	6 2	6 48	274
1	F	Remigius. Cambridge Michael- mas Term begins.	6 1			5 40	0 8	3 54	100	26	000 000 000 000	10 58	11 36	7 32	8 14	275
2	S	Admiral Keppel died, 1786	6 3	10	2500	5 38	1 23	4 29	111111111111111111111111111111111111111		200 200 200 200	10 00	0 7	8 52	9 23	276
3	3	19TH SUND. AFT. TRINITY	6 5	11	3	5 35	2 43	4 59	111111111111111111111111111111111111111	27		-	1.0	9 50	10 15	277
4	M	Guizot born, 1787	6 7	11	21	5 32	4 7	5 28		28		0 34	0 59	3.0		KE/C885
5	Tu	Kirke White died, 1806	6 9	11	38	5 29	5 31	5 53	000000000000000000000000000000000000000	0	000 900 000 000	1 22	1 46	10 38	11 2	278
6	W	Faith	6 12	111	56	5 27	6 56	6 20		1	50,000,00A,000	2 7	2 29	11 23	11 45	279
7	Th	Archbishop Laud born, 1573	6 12	12	13	5 24	8 22	6 48		2	100 000 000	2 51	3 14	_	0 7	280
8	F	Battle of Torres Vedras, 1810	6 14	12	29	5 22	9 43	7 20		3		3 35	3 56	0 30	0 51	281
9	S	St. Denys	6 16	12	46	5 20	11 1	7 58		4	186.00	4 17	4 39	1 12	1 33	282
10	5	20th Sund. Aft. TRINITY	6 17	13	1	5 18	Aftern.	8 42		5		5 0	5 21	1 55	2 16	283
11	M	Oxford Michaelmas Term begins	6 19	0.000	17	5 15	1 12	9 32		6		5 42	6 5	2 37	2 58	284
12	To	America discovered by Columbus,	6 20		31	5 13	2 2	10 31		0		6 32	7 0	3 21	3 48	285
100	50,000	1492	6 22	1000	46	5 10	2 43	11 31		8		7 31	8 8	4 16	4 47	286
13	W	Canova died, 1822	6 24		0	5 8	3 17	Morn.		9		8 51	9 36	5 24	6 7	287
14	Ti	Fire Insurance due	6 2	1000	13	5 6	3 44	0 35		10		10 20	10 59	6 52	7 36	288
15	100		1			The state of		1 39		11		11 34	_	8 15	8 50	289
16	10000	Lord Palmerston died, 1865	6 2	U Threat	26	5 4	-	1 2 2 2 2		12		0 3	0 27	9 19	9 43	290
17	0		6 28	All Division	38	5 2	4 29	2 45		13		0 48	1 7	10 4	10 23	291
18	M	and the second s	6 3	A CONTRACTOR	49	5 0	4 49	3 50		14		1 25	1 42	10 41	10 58	292
19	T	Battle of Leipsic, 1813	6 3	200	0	The second	5 7	4 54		•		1 57	2 12	12 CO. 10	The state of the state of	293
20	W	Sir Christopher Wren born, 1632	6 3	10 10 TO	11	4 56	5 28	5 59				2 28	2 43	11 44	100	294
2	T	Battle of Trafalgar, 1805	6 3	1 15	20	4 54	5 48	7 3		16		2 58	3 14		0 14	295
25	2 F	Lord Holland died, 1840	6 3	6 15	29	4 52	6 14	8 9		17	3	3 29	3 43	0 30	1 1 1 2	296
2	3 8	Royal Exchange founded, 1667	6 3	8 15	38	4 50	6 42	9 16		18	100 5			1000	A PARTIE	297
2	4 9	22ND SUND. AFT. TRINITY	6 4	0 15	45	4 47	7 17	10 20		19				1 31		298
2			6 4	2 15	52	4 45	7 59	11 22		20		4 30	12000	11.00	A	299
2			6 4	4 15	58	4 43	8 52	Aftern		21		5 5	The state of	100		300
2	ARTHUR STORY	Captain Cook born, 1728	6 4	6 16	4	4 41	9 53	1 9		22		5 46				1000
2			6 4	8 16	8	4 39	11 4	1 52		0		6 36	1000			
100	9 1		6 5	0 16	12	4 37	Morn.	2 28		24	The sun sun sun sun	7 42	0 000000			
	0 8		6 5	1 16	15	4 36	0 19	2 59		25	Terretories de la contraction	9 8	C 25.22 1000			
- 0	1 5	23rd Sund. Aft. Trinity					1 38	3 27		26	White Specific	10 33	3 11 11	7	8 7 49	304
1 3	110	D ZORD BOND. AFT. TRINIT	100	- 1 - 5	975	/ Control of								4		

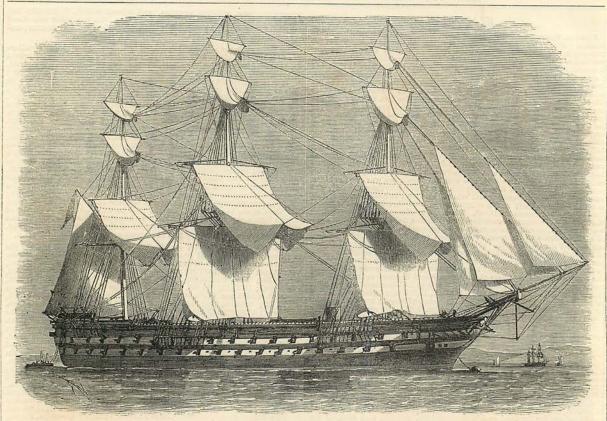
NOVEMBER.



IRON TROOP-SHIP, THE SERAPIS.

	. 1	ANNIVERSARIES,		SUN.		MOON.		DURATION OF MOONLIGHT.			HIGH WATER AT				Day
of	of	FESTIVALS,	Souths		Sets.	Rises.	Sets.	Before Sunrise. 10	.00	After Sunset.	London Bridge.		Liverpool Dock.		of Year.
м.	w.	OCCUBRENCES, ETC.,	Rises.	Noon.	Sets.	Morn.	Aftern.	O'Clock.	Moon's	O'Clock.	Morn.	Aftern		Aftern.	Tear.
1	м	All Saints' D. of Hesse b., 1864	н. м. 6 55	м. s. 16 19	н. м. 4 32	н. м.	н. м. 3 54	0 2 4 6 8	27	4 6 8 10 12	н. м.	н. м.	н. м. 8 27	н. м. 8 59	305
2	Tu	Michaelmas Term begins	6 56	16 19	4 31	4 23	4 19		28		0 10	0 36	9 26	9 52	306
3	w	Siege of St. Jean d'Acre, 1840	6 59	16 19	4 29	5 48	4 45		0		1 0	1 22	10 16	10 38	307
4	Тн	King William III. landed at Torbay, 1688	7 1	16 18	4 27	7 13	5 16		1		1 44	2 6	11 0	11 22	308
5	F	Gunpowder Plot, 1635	7 2	16 16	4 26	8 34	5 51		2	788 788 778	2 27	2 50	11 43	-	309
6	S	St. Leonard	7 4	16 14	4 24	9 50	6 31		3		3 13	3 34	0 6	0 29	310
7	\$	24TH SUND. AFT. TRINITY	7 6	16 10	4 23	10 59	7 20		4		3 56	4 17	0 50	1 12	311
8	M	Cambridge Michaelmas Term div.	7 7	16 6	4 22	11 57	8 16		5		4 37	4 59	1 33	1 53	312
9	Tu	Prince of Wales born, 1841	7 9	16 1	4 20	Aftern.	9 19		-6		5 21	5 43	2 15	2 37	313
10	W	Martin Luther born, 1483	7 10	15 55	4 19	1 20	10 22		7		6 8	6 35	2 59	3 24	314
11	Th	St. Martin	7 12	15 48	4 18	1 50	11 28		0		7 3	7 35	3 51	4 19	315
12	F	Baxter born, 1615	7 14	15 40	4 16	2 15	Morn.		9		8 13	8 53	4 51	5 29	316
13	S	Britius	7 16	15 32	4 14	2 36	0 35		10		9 32	10 11	6 9	6 48	317
14	5	25TH SUND, AFT, TRINITY	7 18	15 23	4 12	2 55	1 38		11		10 47	11 18	7 27	8 3	318
15	M	St. Machutus	7 20	15 12	4 11	3 14	2 43		12		11 45	_	8 34	9 1	319
16	Tu	Battle of Lutzen, 1632	7 22	15 1	4 10	3 34	3 48		13		0 9	0 31	9 25	9 47	320
17	W	Hugh, Bishop of Lincoln	7 23	14 50	4 9	3 55	4 53		14		0 50	1 9	10 6	10 25	321
18	Th	Daybreak at 5h. 23m.	7 25	14 37	4 8	4 17	5 59		15		1 28	1 44	10 44	11 0	322
19	F	Battle of Navarino, 1827	7 27	14 24	4 7	4 44	7 5		0		2 0	2 16	11 16	11 32	323
20	S	Edmund, King and Martyr	7 28	14 9	4 6	5 17	8 13		17		2 32	2 48	11 48		324
21	5	26th Sund. Aft. Trinity	7 30	13 54	4 5	5 57	9 17		18		3 4	3 22	0 4	0 20	325
22	M	St. Cecilia	7 31	13 38	4 3	6 47	10 17		19		3 39	3 56	0 38	0 55	326
23	Tt	St. Clement Allen, Gould, and Larkin ex., 1867	7 33	13 22	4 2	7 45	11 10		20		4 13	4 31	1 12	1 29	327
24	W	John Knox died, 1572	7 35	13 4	4 0	8 51	11 54		21		4 51	5 13	1 47	2 7	328
25	Th	Michaelmas Term ends	7 36	12 46	3 58	100 miles	Aftern.		22		5 36	6 1	2 29	2 52	329
26	F	Eddystone Lighthouse destroyed, 1703	1 00	-	3 57	11 21	1 4		0		6 27	6,56	3 17	3 43	330
27	S	Princess Mary of Teck born, 1833	7 39	12 7	3 56	Morn.	1 30	00	24		7 27	8 3	4 12	4 43	331
28	15	ADVENT SUNDAY	7 40	11 47	3 55	0 40	E 1986	Time -	25		8 43	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5 59	332
29			7 42	11 26		30. 333	300 3000		26		10 1	10 38			333
30	Tu	St. Andrew	7 44	111 4	3 54	3 21	2 45		27		11 12	11 41	7 54	8 28	004

DECEMBER.



COAST-GUARD SHIP, THE REVENGE.

D.	D.	ANNIVERSABLES, FESTIVALS, OCCURRENGES, ETC.,		SUN.		MOON.		DURATION OF	MOONLIGHT.	HIGH WATER AT			Day
OF M.	OF W.		Rises. Souths S		Sets.	Rises.	Sets.	Before Sunrise.	g After Sunset.	London Bridge.	Liverpool Dock.		of Year.
200.0	. W.	OCCURRENCES, LIC.,		Noon.		Morn.	Aftern.	O'Clock. 0 2 4 6 8 8	O'Clock.	Morn. Aftern	Morn.	Aftern	T.car.
1	w	Princess of Wales born, 1844	н. м. 7 46	м. s. 10 41	н. м. 3 52	н. м. 4 43	н. м. 3 12	2	TOTAL PROPERTY.	н. м. н. м. — 0 9	н. м. 8 57	н. м. 9 25	335
2	Tin	Queen Adelaide died, 1849	7 47	10 18	3 52	6 5	3 43	2	100000 100000 100000	0 35 1 0	9 51	10 16	336
3	F	James II, abdicated, 1688	7 48	9 54	3 51	7 24	4 20		The second second second	1 26 1 50	10 42	11 6	337
4	S	Pretender at Derby, 1742	7 49	9 30	3 51	8 37	5 6		C. Mantered March Secret	2 11 2 35	11 27	11 51	338
5	3	2ND SUNDAY IN ADVENT	7 51	9 5	3 51	9 41	5 58		200000 00000 00000	2 56 3 19	_	0 12	339
6	M	Nicholas	7 52	8 39	3 51	10 36	7 0		1	3 41 4 4	0 35	0 57	340
7	Tu	Nev shot, 1815	7 53	8 13	3 50	11 17	8 5	THIRD CONTRACTOR		4 24 4 44	1 20	1 40	341
8	W	Conception of Virg. Mary	7 55	7 47	3 50	11 52	9 11	THE SHIP SHIP SHIP		5 4 5 27	2 0	2 20	342
9	Th	Vandyke (painter) died, 1641	7 56	7 20	3 50	Aftern.	10 18	-1111/2-1111/2-1111-11111 STATE		5 49 6 12	2 43	3 5	343
10	F	Hogarth (painter) born, 1697	7 57	6 52	3 49	0 41	11 24			6 37 7 0	3 28	3 53	344
11	S	Grouse-shooting ends	7 58	6 25	3 49	1 1	Morn.			7 25 7 56	4 16	4 41	345
12	The state of	3RD SUNDAY IN ADVENT	7 59	5 57	3 49	1 21	0 30		2000	8 29 9 8	5 11	5 45	346
13	M	Lucy, Virgin and Martyr	8 0	5 28	3 49	1 39	1 35		0	9 39 10 10	6 21	6 55	347
14	To	Prince Consort died, 1861	8 0	5 0	3 49	1 58	2 39	A STATE OF THE PARTY OF THE PAR		10 43 11 14	7 26	7 59	348
15	W	Isaak Walton died, 1683	8 1	4 31	3 49	2 21	3 45	- Annual Section Control of the last	2	11 42 —	8 30	8 58	349
16	Th	Cambridge Michaelmas Term ends	8 2	4 1	3 49	2 45	4 52	200000	3	0 7 0 29	9 23	9 45	350
17	F	Oxford Michaelmas Term ends	8 3	3 32	3 49	3 16	5 59	7777	4	0 48 1 9	10 4	10 25	351
18	S	Samuel Rogers, the poet, died,	8 4	3 3	3 50	3 53	7 5			1 28 1 48	10 44	11 4	352
19	5	4TH SUNDAY IN ADVENT	8 5	2 33	3 50	4 40	8 8	1	6	2 7 2 20	3 11 23	11 42	353
20	M	Napoleon III. first elected President, 1848	8 5	2 3	3 51	5 37	9 4		7	2 46 3	5 -	0 2	354
21	Tu	St. Thomas	8 6	1 33	3 51	6 42	9 54	1	8	3 23 3 43	3 0 21	0 39	355
22	W	Loss of the Flora Temple, 800 persons drowned, 1859	8 6	1 3	3 51	7 54	10 34		9	4 3 4 2	0 59	1 19	356
23	Th	Prince Consort buried, 1861	8 6	0 33	3 52	9 11	11 9	2	20	4 45 5 6	1 39	2 1	357
24	F	George I. (Greece) born, 1845	8 7	0 4	3 52	10 28	11 37	2	21	5 29 5 5	3 2 22	2 45	.358
25	S	CHRISTMAS DAY	8 7	Aftern.	3 53	11 46	Aftern.	2	2 /////////////////////////////////////	6 19 6 4		3 35	359
26	5	1st Sund. aft. Christmas	8 7	0 56	3 53	Morn.	0 25			7 12 7 4		4 28	360
27	M	St. John the Evangelist	8 8	1 26	3 54	1 4	0 49	2	24 ////////////////////////////////////	8 17 8 5		5 33	361
28	Tt	Innocents Day	8 8	1 55	3 55	2 24	1 15	1	5 /////////////////////////////////////	9 27 10		6 43	362
29	W	Stafford executed, 1680	8 9	2 25	3 56	3 44	1 41	VIIII.	26	10 36 11 1		7 52	363
30	Th		8 9	2 54	3 57	5 2	2 15	MANAGE TO A	27	11 45 -	8 28	V 5 5/5	364
31	F	Silvester, Bishop	8 9	3 23	3 58	6 16	2 55	WANTA TO	28	0 15 0 4	2 9 31	9 58	365