

CAPE OF GOOD HOPE
A L M A N A C,

FOR THE
YEAR OF OUR LORD
1848.

CONTAINING
THE ECLIPSES, THE SUN'S RISING, SETTING, AND
DECLINATION;
EQUATION OF TIME:
THE MOON'S CHANGES, AGE, MERIDIAN PASSAGE, AND
DECLINATION:
THE MOVEABLE AND IMMOVEABLE FEASTS;
&c. &c. &c.

(CALCULATED FOR THE MERIDIAN OF THE ROYAL OBSERVATORY.)

Cape Town:

PRINTED FOR THE COMPILER,
BY BERNARDUS JOSEPHUS VAN DE SANDT DE VILLIERS,
No. 2, CASTLE-STREET.

PRINCIPAL ARTICLES OF THE CALENDAR FOR THE YEAR 1848.

Golden Number, 6 Epact, 25 Solar Cycle, 9		Dominical Letters,..... B.A. Roman Indiction, 6 Julian Period,..... 6561
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FIXED AND MOVEABLE FESTIVALS, ANNIVERSARIES,

&c. &c. &c.

Circumcision, Jan. 1 Epiphany, " 6 Martyrd. of K. Charles I, .. 30 Septuagesima Sunday, .. Feb. 20 St. David, Mar. 1 Quinquag.—Shrove Sund. " 5 Ash Wednesday, " 8 Quadrag.—1st S. in Lent, " 12 St. Patrick, " 17 Annun.—Lady Day, " 25 Palm Sunday, Apr. 16 Good Friday, " 21 Easter Sunday, " 23 St. George, " 23 Birth of Princess Alice Maude Mary, " 25 Low Sunday, " 30 Birth of Queen Victoria, .. May 24 Birth of Princess Helena Augusta Victoria, " 25 Rogation Sunday, " 28		Restor. of K. Charles II, May 29 Ascen. Day, H. Thursday, June 1 Pentecost. Whit Sunday... " 11 Trinity Sunday, " 18 Access. of Queen Victoria, " 20 Proclamation, " 21 Corpus Christi, " 22 St. John Bapt. Mids. Day, " 24 Birth of Prince Alfred Ernst Albert, Aug. 6 Birth of Dow. Q. Adelaide, " 13 Birth of Prince Albert, .. " 26 St. Michael, Mich. Day, .. Sept. 26 Popish Conspiracy, Nov. 5 Birth of Prince of Wales, " 9 St. Andrew, " 30 1st Sunday in Advent, .. Dec. 3 St. Thomas, .. " 21 Christmas Day, " 25 St. John the Evangelist, .. " 27 Holy Innocents, " 28
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This is the 356th Year since the Discovery of the Cape of Good Hope by Bartholomeus Diaz, the Portuguese Navigator, who called it "Cabo das Tormentas."

And the 196th Year since the Foundation of the Colony, by Dr. Johan van Riebeck, who was its first Governor.

The Year 5609 of the Jewish Era commences on September 28, 1848.

Ramadân, (Month of Abstinence observed by the Turks) commences on August 1, 1848.

The Year 1265 of the Mohamedan Era commences on Nov. 27, 1848.

HOLIDAYS—LAW TERMS.

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Holidays

KEPT AT THE PUBLIC OFFICES, CAPE OF GOOD HOPE.

Good Friday.....	April 21
Easter Monday,	April 24
Her Majesty's Birth Day,	May 24
Ascension Day,.....	June 1
Christmas,	Dcc. 25



Law Terms.

Civil Sessions.—1st February—15th May—1st August—15th November.

Besides these four regular Terms, there are Sittings after Term for Cases set down for Trial before the last day of Term; and on the twelfth day of each month, during vacation, for Insolvent Cases.

One Judge attends in rotation at his Chambers, every Tuesday and Friday, during vacation, and every alternate day during Term, to hear parties on Summonses, &c.

Criminal Sessions.—15th January—1st May—15th July—1st November.

To sit on the Grand Jury, the qualification is £3,000 in real Property in the Colony.—All Persons (except of certain professions) between the ages of 21 and 60, and who shall be the occupier of any immoveable property, either as owner or renter, of the yearly value of fifteen pounds, or who shall be the son of any such occupier as aforesaid, shall be qualified and liable to serve on any Petit Jury which shall be empaneled in the Supreme Court, or in any Circuit Court which shall be held in or for the district in which such person shall reside. And where any immoveable property shall be jointly occupied by more persons than one, as owners or renters, each of such joint occupiers shall be qualified and liable to serve on any such Petit Jury as is hereinbefore mentioned, in respect of the immovable property so jointly occupied, in case the yearly value of such property shall be of an amount, which, when divided by the number of such joint occupiers, shall give a sum of not less than fifteen pounds for each and every such joint occupier.

JANUARY, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
6, New Moon,	0 7·5	6, New Moon,	1 21·4 pm.
12, First Quarter,	23 46·5	13, First Quarter,	1 0·5 pm.
20, Full Moon,	0 4·8	20, Full Moon,	1 18·7 pm.
27, Last Quarter,	23 58·6	28, Last Quarter,	1 12·5 pm.
Moon's Perigee, 13th, at 3h. a.m.		Moon's Apogee, 27th, at 9h. a.m.	

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S		
			Risg	Setg	Decl.	Eq. of Time.	Age	Meridn Passag.	Declin.
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. S.</i>	<i>deg. m. Fast</i>	Days	<i>h. m.</i>	<i>deg. m. S</i>
1	Sat	Circumcision—Supreme Court opened, 1828.	4 55	7 13	23 23	4 3 35	24·6	20 37	14 39
2	Sun		4 55	7 13	22 59	4 3 25	25·6	21 25	16 46
3	M	Horrox, the great Astronomer, died, 1640.	4 56	7 13	22 53	4 3 26	26·6	22 15	18 5
4	Tu		4 57	7 13	22 48	4 5 27	27·6	23 7	18 27
5	W		4 58	7 13	22 41	5 26	28·6		
6	Th	Epiphany.	4 58	7 14	22 34	5 53	0·0	0	117 45
7	Frid	[1806.	4 59	7 14	22 27	6 20	1·0	0	54 15 59
8	Sat	Battle at Blaauweberg,	5 0	7 14	22 20	6 46	2·0	1 48	13 13
9	Sun	1st Sunday aft. Epiphany	5 1	7 14	22 12	7 11	3·0	2 41	9 37
10	M	Cape Town capitulated, 1806.	5 2	7 14	22 3	7 36	4·0	3 33	5 25
11	Tu		5 3	7 14	21 54	8 1	5·0	4 25	0 53
									N
12	W		5 3	7 14	21 45	8 25	6·0	5 16	3 43
13	Th		5 4	7 14	21 35	8 48	7·0	6 8	8 5
14	Frid		5 5	7 13	21 25	9 10	8·0	7 1	11 59
15	Sat	Criminal Sessions comm.	5 7	7 13	21 14	9 32	9·0	7 56	15 7
16	Sun	2d Sunday aft. Epiphany	5 7	7 13	21 3	9 53	10·0	8 52	17 17
17	M		5 8	7 13	20 52	10 14	11·0	9 48	18 20
18	Tu	Measles at the Cape, 1807	5 9	7 13	20 40	10 34	12·0	10 44	18 12
19	W	Vaccine Institution established, 1807.	5 10	7 12	20 28	10 52	13·0	11 38	16 57
20	Th		5 11	7 12	20 15	11 11	14·0	12 30	14 44
21	Frid		5 12	7 11	20 2	11 28	15·0	13 20	11 46
22	Sat	Dr. Franklin born, 1706	5 13	7 11	19 49	11 45	16·0	14 7	8 18
23	Sun	3d Sunday aft. Epiphany	5 14	7 10	19 35	12 1	17·0	14 52	4 31
24	M		5 15	7 9	19 21	12 16	18·0	15 36	0 38
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25	Tu	Conversion of St. Paul.	5 17	7 9	19 6	12 31	19·0	16 18	3 14
26	W		5 18	7 8	18 52	12 44	20·0	17 1	6 56
27	Th	Rt. Hon. Sir Henry Pottinger arrived, 1847.	5 18	7 8	18 37	12 57	21·0	17 45	10 20
28	Frid		5 19	7 7	18 21	13 9	22·0	18 29	13 18
29	Sat		5 20	7 6	18 5	13 20	23·0	19 16	15 43
30	Sun	King Charles I. beh. 1649	5 21	7 6	17 49	13 31	24·0	20 4	17 26
31	M		5 22	7 5	17 33	13 41	25·0	20 55	18 16

All is hollow where the heart bears not a part, and all is peril where principle is not the guide.

Keep a low sail at the commencement of life; you may rise with honor, but you cannot recede without shame.

Memoranda for the Month of January.

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FEBRUARY, 29 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
<i>h. m.</i>		<i>h. m.</i>	
4, New Moon,	13 42·3	5, New Moon,	2 56·2 a.m.
11, First Quarter,	7 55·9	11, First Quarter,	9 9·8 p.m.
18, Full Moon,	15 57·2	19, Full Moon,	5 11·1 a.m.
26, Last Quarter,	20 21·8	27, Last Quarter,	9 35·7 a.m.

Moon's Perigee, 8th, at 2*h.* a.m. Moon's Apogee, 24th, at 3*h.* a.m.

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S					MOON'S		
			Risg	Setg	Decl.	Eq. of Time.	Age	Meridn Passag.	Declin.	
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>m. s.</i>	<i>Fast Days</i>	<i>h. m.</i>	<i>deg. m. s.</i>	
1	Tu	CIVIL SESS. COMMENCE.	5 23	7 41	17 16	13 49	26·0	21 48	18 7	
2	W	<i>Purification of the B. V.</i>	5 24	7 41	16 59	13 58	27·0	22 42	16 54	
3	Th		5 25	7 31	16 42	14 52	28·0	23 37	14 34	
4	Frid		5 26	7 21	16 24	14 11	29·0			
5	Sat		5 27	7 11	16 6	14 17	0·4	0 31	11 19	
6	Sun		5 28	7 0	15 48	14 22	1·4	1 25	7 16	
7	M		5 29	7 0	15 29	14 26	2·4	2 18	2 44	
									N	
8	Tu		5 30	6 59	15 11	14 29	3·4	3 11	1 59	
9	W		5 31	6 58	14 52	14 31	4·4	4 5	6 33	
10	Th	H.M.Q. Victoria married	5 32	6 57	14 32	14 32	5·4	4 58	10 40	
11	Frid	[to Prince Albert, 1840.	5 33	6 56	14 13	14 33	6·4	5 52	14 4	
12	Sat		5 34	6 55	13 53	14 33	7·4	6 47	16 33	
13	Sun	Sir H. Pottinger leaves	5 35	6 54	13 33	14 32	8·4	7 43	17 57	
14	M	Simon's Bay p. <i>President</i>	5 36	6 53	13 13	14 31	9·4	8 37	18 14	
15	Tu	for the Frontier, 1847.	5 37	6 52	12 53	14 28	10·4	9 31	17 25	
16	W		5 38	6 51	12 32	14 25	11·4	10 23	15 37	
17	Th		5 38	6 50	12 11	14 21	12·4	11 13	13 1	
18	Frid	Martin Luther, d. 1546.	5 39	6 49	11 50	14 17	13·4	12 1	9 47	
19	Sat		5 40	6 48	11 29	14 11	14·4	12 46	6 10	
20	Sun	<i>Septuagesima Sunday.</i>	5 41	6 47	11 8	14 5	15·4	13 31	2 19	
			5 42	6 46	10 46	13 59	16·4	14 14	S	
21	M								1 34	
22	Tu		5 43	6 45	10 25	13 51	17·4	14 57	5 20	
23	W		5 44	6 44	10 3	13 44	18·4	15 40	8 51	
24	Th	<i>St. Matthias,—Duke of</i>	5 45	6 42	9 41	13 35	19·4	16 24	12 0	
25	Frid	[Cambridge b. 1774.	5 46	6 41	9 19	13 26	20·4	17 9	14 38	
26	Sat		5 47	6 40	8 56	13 16	21·4	17 56	16 37	
27	Sun		5 48	6 38	8 34	13 6	22·4	18 44	17 51	
28	M		5 49	6 37	8 11	12 55	23·4	19 35	18 11	
29	Tu		5 49	6 36	7 49	12 44	24·4	20 27	17 31	

When benignity and gentleness reign within, we are always least in hazard from without.

If you are handsome, do handsome things; if not, supply the deficiency of nature by your virtues.

Memoranda for the Month of February.

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MARCH, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
5, New Moon,	1 17·0	5, New Moon,	2 30·9 p.m.
11, First Quarter,	16 41·3	12, First Quarter,	5 55·2 a.m.
19, Full Moon,	9 10·5	19, Full Moon,	10 24·4 p.m.
27, Last Quarter,	13 18·6	28, Last Quarter,	2 32·5 a.m.
Moon's Perigee, 7th, at 2 <i>h.</i> a.m.		Moon's Apogee, 22d, at 3 <i>h.</i> p.m.	

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S		
			Risg	Setg	Declin.	Eq. of Time.	Age.	Meridn Passag.	Declin.
			<i>deg. m. s.</i>		<i>deg. m. s.</i>		<i>deg. m. s.</i>		
			<i>h. m.</i>	<i>h. m.</i>	<i>S</i>	<i>Fast</i>	<i>Days</i>	<i>h. m.</i>	<i>S</i>
1	W	<i>St. David.</i>	5 50	6 35	7 26	12 32	25·4	21 15	48
2	Th	A very brilliant Comet	5 50	6 34	7 3	12 20	26·4	22 15	3
3	Frid	[seen at the Cape, 1843.]	5 51	6 33	6 40	12 7	27·4	23 10	23
4	Sat		5 52	6 31	6 17	11 54	28·4		
5	Sun	<i>Quinquagesima. — Cape</i>	5 53	6 30	5 54	11 40	29·4	0 4	5 1
6	M	[Town lighted up with Gas, 1847.]	5 54	6 29	5 31	11 26	0·9	0 59	0 15
7	Tu		5 55	6 27	5 7	11 11	1·9	1 54	4 33
8	W	<i>Abs Wednesday.</i>	5 56	6 26	4 44	10 57	2·9	2 50	9 1
9	Th		5 57	6 24	4 20	10 41	3·9	3 46	12 50
10	Frid		5 58	6 23	3 57	10 26	4·9	4 42	15 44
11	Sat		5 58	6 22	3 33	10 10	5·9	5 38	17 31
12	Sun	<i>Quadragesima. — 1st</i>	5 59	6 21	3 10	9 53	6·9	6 34	18 10
13	M	Sunday in Lent.	5 59	6 20	2 46	9 37	7·9	7 28	17 41
14	Tu	S. A. Fire & Life Assur.	6 0	6 18	2 23	9 20	8·9	8 20	16 12
15	W	Comp. estab. 1813.—	6 1	6 17	1 59	9 2	9·9	9 10	13 53
16	Th	La Caille born, 1713.	6 2	6 15	1 35	9 45	10·9	9 57	10 54
17	Frid	<i>St. Patrick.</i>	6 3	6 14	1 11	8 27	11·9	10 43	7 27
18	Sat		6 5	6 12	0 48	8 10	12·9	11 27	3 43
19	Sun	<i>2d Sun. in Lent.</i>	6 6	6 9	0 24	7 52	13·9	12 11	0 9
20	M	Sir I. Newton d. 1727.	6 7	6 7	0 0	7 33	14·9	12 53	3 57
21	Tu	La Caille died, 1762.	6 7	6 7	0 23	7 15	15·9	13 37	7 35
22	W		6 7	6 7	0 47	6 57	16·9	14 20	10 52
23	Th	Marq. de la Place born, 1749.	6 7	6 6	1 11	6 38	17·9	15 5	13 42
24	Frid	[Day.]	6 8	6 4	1 34	6 20	18·9	15 50	15 56
25	Sat	<i>Annunciation. — Lady</i>	6 9	6 3	1 58	6 1	19·9	16 38	17 27
26	Sun	<i>3rd Sunday in Lent. —</i>	6 10	6 1	2 21	5 43	20·9	17 27	18 8
27	M	Prince George of Cam-	6 11	6 0	2 45	5 24	21·9	18 17	17 54
28	Tu	bridge born, 1819.	6 11	5 59	3 8	5 6	22·9	19 8	16 41
29	W		6 12	5 58	3 31	4 47	23·9	20 0	14 29
30	Th		6 12	5 56	3 55	4 29	24·9	20 53	11 20
31	Frid		6 13	5 55	4 18	4 11	25·9	21 47	7 24

Truth, whether in or out of fashion, is the measure of knowledge, and the business of the understanding.

A false friend is like a shadow on a dial-plate, which appears in fine weather, but vanishes at the approach of a cloud.

Memoranda for the Month of March.

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APRIL, 30 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
		<i>h. m.</i>	<i>h. m.</i>
3, New Moon,	11 1·0	4, New Moon,	0 14·9 a.m.
10, First Quarter,	2 49·5	10, First Quarter,	4 3·4 p.m.
18, Full Moon,	2 31·2	18, Full Moon,	3 45·1 p.m.
26, Last Quarter,	2 20·0	26, Last Quarter,	3 33·9 p.m.

Moon's Perigee, 4th, at 11½ a.m. Moon's Apogee, 18th, at 8½ p.m.

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S			
			Risg	Setg	Decl.	Eq. of Time.	Age	Meridn Passag.	Decl.	
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>m. s.</i>	<i>Days h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	
1	Sat		6 14	5 53	4 41	3 52	26·9	22 42	2 49	
2	Sun		6 15	5 52	5 4	3 34	27·9	23 37	2 2	
3	M		6 16	5 51	5 27	3 16	28·9			
4	Tu	The brilliant Comet dis- appeared 1843.	6 17	5 49	5 50	2 59	0·5	0 33	6 49	
5	W		6 17	5 48	6 13	2 41	1·5	1 31	11 7	
6	Th		6 18	5 47	6 36	2 24	2·5	2 29	14 35	
7	Frid		6 18	5 46	6 58	2 6	3·5	3 28	16 57	
8	Sat	Dr. Van Riebeeck founded the Colony, 1652.	6 19	5 44	7 21	1 49	4·5	4 26	18 5	
9	Sun		6 20	5 43	7 43	1 33	5·5	5 22	18 0	
10	M	Brit. Settl. arriv 1820—	6 21	5 42	8 5	1 16	6·5	6 16	16 49	
11	Tu	Sir P. Maitland arriv.	6 21	5 40	8 27	1 0	7·5	7 7	14 43	
12	W	at Gra. T. to put a stop	6 22	5 39	8 49	0 44	8·5	7 55	11 54	
13	Th	to the Kafir War, 1846	6 23	5 38	9 11	0 28	9·5	8 42	8 35	
14	Frid		6 24	5 36	9 32	0 13	10·5	9 26	4 56	
15	Sat		6 25	5 35	9 54	0 2	11·5	10 9	1 7	
16	Sun	<i>Palm Sunday.</i>	6 26	5 34	10 15	0 17	12·5	10 52	2 42	
17	M		6 26	5 32	10 36	0 31	13·5	11 35	6 25	
18	Tu		6 27	5 31	10 57	0 45	14·5	12 18	9 50	
19	W	LaCaille at the Cape 1751.	6 28	5 30	11 18	0 59	15·5	13 2	12 51	
20	Th		6 28	5 29	11 38	1 12	16·5	13 48	15 19	
21	Frid	<i>Good Friday.</i>	6 29	5 28	11 59	1 25	17·5	14 34	17 6	
22	Sat	Martial Law proc. 1846.	6 30	5 27	12 19	1 37	18·5	15 22	18 5	
23	Sun	<i>Easter Sun.—St. George</i>	6 31	5 26	12 39	1 49	19·5	16 12	18 11	
24	M		6 31	5 25	12 59	2 0	20·5	17 2	17 21	
25	Tu	Duc. Gloucester b. 1776.	6 32	5 24	13 18	2 11	21·5	17 52	15 34	
26	W	Prin. Alice Maude Mary	6 33	5 23	13 38	2 21	22·5	18 43	12 52	
27	Th	b. 1843.— <i>St. Mark the</i>	6 33	5 23	13 57	2 31	23·5	19 35	9 21	
28	Frid	<i>Evangelist.</i>	6 34	5 20	14 16	2 40	24·5	20 27	5 10	
29	Sat		6 35	5 19	14 34	2 49	25·5	21 20	0 31	
30	Sun	[op. 1843. Low Sun.— <i>St. Step. Ch.</i>	6 36	5 18	14 53	2 57	26·5	22 15	4 17	

Never contract a friendship with any body until you know how he behaved to his former friends.

As the mind must govern the hand, so must the man of intelligence direct the operations of labour.

Memoranda for the Month of April.

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MAY, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
<i>h. m.</i>		<i>h. m.</i>	
2, New Moon,	19 14·8	3, New Moon,	8 28·7 a.m.
9, First Quarter,	14 56·6	10, First Quarter,	4 10·5 a.m.
17, Full Moon,	18 41·6	18, Full Moon,	7 55·5 a.m.
25, Last Quarter,	11 46·7	26, Last Quarter,	1 0·6 a.m.
Moon's Perigee, 2d, at 10h. p.m.		Moon's Apogee, 16th, at 1h. a.m.	
Moon's Perigee, 31st, at 7h. a.m.			

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S		
			Risg	Setg	Decl.	Eq. of Time.	Age	Meridn Passag.	Decl.
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>m. s.</i>	<i>Days</i>	<i>h. m.</i>	<i>deg. m.</i>
1	M	Crim. Sess. commence.	6 36	17 15	11 3	5 27	5 23	12 8	54
2	Tu		6 37	16 15	29 3	12 28	5 23	12 8	54
3	W		6 38	15 15	47 3	18 0	2 0	10 12	55
4	Th		6 39	14 16	4 3	24 1	2 1	10 15	58
5	Frid	Bonaparte d. at St. Hel.	6 40	13 16	21 3	30 2	2 2	10 17	48
6	Sat	1821.—Marq. de la Place	6 40	12 16	38 3	35 3	2 3	9 18	18
7	Sun	d. 1827.	6 41	11 16	55 3	39 4	2 4	6 17	33
8	M	Pr. of Orange at the Cape	6 42	11 17	11 3	43 5	2 5	0 15	45
9	Tu	1838.	6 43	10 17	27 3	46 6	2 5	5 13	7
10	W		6 43	9 17	43 3	49 7	2 6	39 9	53
11	Th		6 44	9 17	58 3	51 8	2 7	24 6	17
12	Frid	Cape Commando left Montagu Bridge 1846.	6 45	7 18	13 3	52 9	2 8	8 2	29
13	Sat		6 46	7 18	28 3	53 10	2 8	5 1	23
14	Sun		6 46	6 18	43 3	54 11	2 9	33 5	10
15	M	Civil Sess. commence.	6 47	5 18	57 3	54 12	2 10	16 8	43
16	Tu	Circuit Courts estab. by	6 48	5 19	11 3	53 13	2 11	0 11	55
17	W	Lord Caledon, 1811.	6 48	4 19	25 3	52 14	2 11	45 14	37
18	Th		6 49	3 19	38 3	49 15	2 12	32 16	41
19	Frid		6 50	3 19	51 3	48 16	2 13	20 17	59
20	Sat		6 50	2 20	3 3	45 17	2 14	9 18	24
21	Sun		6 51	2 20	16 3	41 18	2 14	59 17	53
22	M		6 52	1 20	27 3	37 19	2 15	49 16	25
23	Tu	[1819.	6 52	1 20	39 3	33 20	2 16	39 14	3
24	W	Her Majesty's Birth-day	6 53	0 20	50 3	28 21	2 17	29 10	52
25	Th	Princess Helena Augusta	6 54	59 21	1 3	22 22	2 18	20 7	1
26	Frid	Victoria b. 1846 [1819.	6 54	59 21	11 3	16 23	2 19	11 2	39
27	Sat	Pr. Geo. of Cumberl. b.	6 55	59 21	21 3	9 24	2 20	3 2	0
28	Sun	Rogation Sun.—Day of	6 56	58 21	31 3	2 25	2 20	56 6	38
29	M	Gen. Prayer in all the	6 56	58 21	41 2	54 26	2 21	52 10	56
30	Tu	Churches of the Colony	6 57	58 21	50 2	46 27	2 22	51 14	31
31	W	1846.	6 57	58 21	58 2	38 28	2 23	52 17	3

Ignorance is the parent of doubt, and doubt the parent of irreligion.

A sound faith is the best divinity; temperance the best physic; and a good conscience the best law.

Memoranda for the Month of May.

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JUNE, 30 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
1, New Moon,	2 39·7	1, New Moon,	3 53·6 p.m.
8, First Quarter,	5 15·7	8, First Quarter,	6 29·6 p.m.
16, Full Moon,	8 58·2	16, Full Moon,	10 12·1 p.m.
23, Last Quarter,	18 27·3	24, Last Quarter,	7 41·2 a.m.
30, New Moon,	10 18·9	30, New Moon,	11 32·8 p.m.

Moon's Apogee, 12th, at Noon. Moon's Perigee, 28th, at 8h. a.m.

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S				
			Risg	Setg	Decl.	Eq. of Time.	Age	Meridn Passag.	Decl.		
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. N</i>	<i>m. s. Slow</i>	Days	<i>h. m.</i>	<i>deg. m. N</i>		
1	Th	<i>Ascens. Day.—Holy Th.</i>	6 58	4 57	22 6	2 29	29·2				
2	Frid		6 59	4 57	22 14	2 20	0·9	0	51	18	19
3	Sat		6 59	4 56	22 22	2 10	1·9	1	51	18	13
4	Sun		7 04	56	22 29	2 0	2·9	2	48	16	53
5	M	King of Hanover b. 1771	7 14	56	22 36	1 49	3·9	3	42	14	33
6	Tu		7 14	56	22 42	1 39	4·9	4	32	11	29
7	W		7 24	55	22 48	1 28	5·9	5	20	7	54
8	Th		7 24	55	22 53	1 16	6·9	6	5	4	6
9	Frid		7 34	55	22 58	1 5	7·9	6	48	0	11
10	Sat	Sav. Bank estab. 1831.	7 34	55	23 3	0 53	8·9	7	31	3	41
11	Sun	<i>Pentecost.—Whit Sun.</i>	7 44	55	23 7	0 41	9·9	8	14	7	21
12	M		7 44	55	23 11	0 29	10·9	8	57	10	44
13	Tu		7 44	55	23 15	0 17	11·9	9	42	13	40
14	W		7 54	55	23 18	0 4	12·9	10	28	16	1
15	Th		7 54	55	23 20	0 8	13·9	11	16	17	38
16	Frid	Bat. of Quatre Bras, 1815	7 54	55	23 22	0 21	14·9	12	5	18	25
17	Sat	[1815.]	7 64	56	23 24	0 34	15·9	12	55	18	16
18	Sun	<i>Trin. Sun.—Bat. of Wat.</i>	7 64	56	23 26	0 46	16·9	13	46	17	8
19	M	[yr. of H.M. reign com.]	7 64	56	23 27	0 59	17·9	14	37	15	3
20	Tu	H.M. Access. 1837.—12th	7 64	56	23 27	1 12	18·9	15	27	12	7
21	W	Proclamation.	7 74	56	23 27	1 25	19·9	16	17	8	29
22	Th	<i>Corpus Christi.</i>	7 74	57	23 27	1 38	20·9	17	7	4	18
23	Frid		7 74	57	23 26	1 51	21·9	17	58	0	11
24	Sat	St. John the Baptist.	7 74	57	23 25	2 4	22·9	18	49	4	45
25	Sun	1st Sun. after Trinity.	7 74	57	23 24	2 16	23·9	19	42	9	6
26	M		7 74	58	23 22	2 29	24·9	20	37	12	56
27	Tu		7 84	58	23 20	2 42	25·9	21	35	15	57
28	W	H.M. Coronation, 1838.	7 84	58	23 17	2 54	26·9	22	34	17	51
29	Th	St. Peter the Apostle.	7 84	59	23 14	3 6	27·9	23	34	18	28
30	Frid	Shooting Season ends.	7 84	59	23 10	3 18	28·9				

Superabundance is a trouble ; want, a misery ; and an exalted station, a great burden ; but competency is true happiness.

Hear with patience, and answer with precision. Inattention shews contempt, and contempt is never forgiven.

Memoranda for the Month of June.

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JULY, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
<i>h. m.</i>		<i>h. m.</i>	
7, First Quarter,	21 30·0	8, First Quarter,	10 43·9 a.m.
15, Full Moon,	21 20·7	16, Full Moon,	10 34·6 a.m.
22, Last Quarter,	23 27·7	23, Last Quarter,	4 41·6 p.m.
29, New Moon,	19 25·1	30, New Moon,	8 39·0 a.m.
Moon's Apogee, 10th, at 4h. a.m.		Moon's Perigee, 25th, at 6h. a.m.	

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S		
			Risg	Setg	Decl.	Eq. of Time.	Age	Meridn Passag.	Decln.
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i> N	<i>deg. m. s.</i> Fast	Days	<i>h. m.</i>	<i>deg. m.</i> N
1	Sat	Montagu Bridge op. 1844	7 84	59 23	6 3	30 0·6	0 32	17 47	
2	Sun	2d Sunday after Trinity	7 85	0 23	2 3	41 1·6	1 28	15 56	
3	M		7 85	0 22	57 3	53 2·6	2 21	13 10	
4	Tu	Independence of the U.S. declared, 1776.	7 75	1 22	52 4	4 3·6	3 11	9 46	
5	W	Sir Lowry's Pass opened 1830.	7 75	1 22	47 4	14 4·6	3 58	5 58	
6	Th		7 75	2 22	41 4	24 5·6	4 43	2 1	
7	Frid	Som. Hospital op. 1818.	7 75	3 22	34 4	34 6·6	5 27	1 56	
8	Sat		7 65	3 22	28 4	44 7·6	6 10	5 45	
9	Sun	3d Sunday after Trinity	7 65	4 22	21 4	53 8·6	6 53	9 17	
10	M	Calvin born, 1509.	7 65	4 22	13 5	1 9·6	7 37	12 25	
11	Tu		7 55	5 22	5 5	9 10·6	8 22	15 2	
12	W		7 55	6 21	57 5	17 11·6	9 9	16 59	
13	Th	[<i>Belerophon</i> , 1815.	7 55	6 21	48 5	24 12·6	9 58	18 9	
14	Frid	Bonoparte on board the	7 45	7 21	39 5	31 13·6	10 49	18 25	
15	Sat	Crim. Sess. commence.	7 45	7 21	30 5	37 14·6	11 40	17 41	
16	Sun	4th Sunday after Trin.	7 45	8 21	20 5	43 15·6	12 32	15 57	
17	M	Rev. F. Fallows, A.R. d.	7 35	9 21	10 5	48 16·6	13 23	13 18	
18	Tu	1831.	7 35	9 20	59 5	53 17·6	14 14	9 51	
19	W	Prin. Augusta Caroline of Cambridge b. 1822.	7 25	10 20	49 5	57 18·6	15 5	5 48	
20	Th		7 25	10 20	37 6	0 19·6	15 55	1 23	
21	Frid		7 15	11 20	26 6	4 20·6	16 46	3 10	
22	Sat		7 15	12 20	14 6	6 21·6	17 38	7 35	
23	Sun	5th Sunday after Trin.	7 05	12 20	2 6	8 22·6	18 32	11 33	
24	M		6 59	13 19	49 6	10 23·6	19 27	14 49	
25	Tu	St. James the Apostle.—	6 59	14 19	37 6	11 24·6	20 24	17 7	
26	W	Duc. of Camb. b. 1797	6 58	14 19	23 6	11 25·6	21 22	18 16	
27	Th	S. Australia colon. 1836.	6 57	15 19	10 6	11 26·6	22 20	18 11	
28	Frid		6 57	16 18	56 6	10 27·6	23 16	16 54	
29	Sat		6 56	16 18	42 6	8 28·6			
30	Sun	6th Sun. after Trinity.	6 55	17 18	27 6	6 0·2	0 10	14 35	
31	M	French Revol. 1830.	6 54	18 18	13 6	4 1·2	1 11	28	

In all arguments let your aim be to arrive at the truth ; it is a paltry conquest to silence your opponent by hard words.

He that in youth guideth his life by reason, shall in age find the ready foot-path from ruin.

Memoranda for the Month of July.

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AUGUST, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
<i>h. m.</i>		<i>h. m.</i>	
6, First Quarter,	14 56·6	7. First Quarter,	4 10·5 a.m.
14, Full Moon,	8 16·2	14, Full Moon,	9 30·1 p.m.
21, Last Quarter,	4 7·7	21, Last Quarter,	5 21·6 p.m.
28, New Moon,	7 1·0	28, New Moon,	8 14·9 p.m.
Moon's Apogee, 6th, at 11h. p.m.		Moon's Perigee, 19th, at 7h. a.m.	

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S		
			Risg	Setg	Declin.	Eq. of Time.	Age.	Meridn Passag.	Declin.
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>m. s.</i>		<i>h. m.</i>	<i>deg. m. N</i>
1	Tu	Civil Sessions commence	6 54	5 18	17 58	6 1	2·2	1 50	7 50
2	W		6 53	5 19	17 42	5 57	3·2	2 36	3 55
3	Th		6 52	5 20	17 27	5 52	4·2	3 21	0 6
4	Frid		6 51	5 21	17 11	5 47	5·2	4 5	4 1
5	Sat		6 50	5 21	16 54	5 41	6·2	4 48	7 41
6	Sun	7th Sun. after Trinity.	6 49	5 22	16 38	5 35	7·2	5 32	11 1
7	M	Pr. Alfred Ernst Albert b. 1844.	6 48	5 23	16 21	5 28	8·2	6 16	13 52
8	Tu		6 47	5 23	16 4	5 21	9·2	7 2	16 6
9	W		6 46	5 24	15 47	5 12	10·2	7 50	17 38
10	Th	Greenwich Observatory founded, 1657.	6 45	5 25	15 29	5 4	11·2	8 39	18 18
11	Frid	[Dowager Q. Ad. b. 1792.	6 44	5 26	15 12	4 55	12·2	9 30	18 2
12	Sat	8th Sunday after Trin.	6 43	5 26	14 54	4 45	13·2	10 22	16 46
13	Sun	Printing invented 1437.	6 42	5 27	14 35	4 34	14·2	11 14	14 30
14	M		6 41	5 28	14 17	4 23	15·2	12 6	11 21
15	Tu		6 40	5 29	13 58	4 12	16·2	12 58	7 27
16	W		6 39	5 29	13 39	4 0	17·2	13 50	3 4
17	Th	Duchess of Kent b. 1786.	6 38	5 30	13 20	3 47	18·2	14 42	1 34
18	Frid	St. Helena discov. 1502.	6 36	5 31	13 1	3 34	19·2	15 35	6 6
19	Sat		6 35	5 32	12 41	3 20	20·2	16 28	10 16
20	Sun	9th Sun. after Trinity.	6 34	5 32	12 22	3 6	21·2	17 23	13 47
21	M		6 33	5 33	12 2	2 52	22·2	18 19	16 23
22	Tu		6 32	5 34	11 41	2 37	23·2	19 15	17 55
23	W		6 31	5 34	11 21	2 22	24·2	20 12	18 15
24	Th	St. Batholomeus.	6 30	5 34	11 1	2 6	25·2	21 7	17 26
25	Frid	[Sir W. Herschell d. 1822	6 28	5 35	10 40	1 50	26·2	22 11	15 33
26	Sat	Prince Albert b. 1819.	6 27	5 36	10 19	1 33	27·2	22 53	12 48
27	Sun	10th Sun. after Trinity.	6 26	5 37	9 58	1 17	28·2	23 42	9 25
28	M		6 24	5 37	9 37	0 59	29·2		
29	Tu	Treaty of Peace betw. Grt Britain and China 1824.	6 23	5 38	9 15	0 42	0·7	0 29	5 37
30	W		6 22	5 39	8 54	0 24	1·7	1 14	1 38
31	Th		6 20	5 40	8 32	0 6	2·7	1 59	2 20

He that will not hear the admonition of a friend, is worthy to feel the correction of a foe.

Chastity is the seal of grace, the staff of devotion, the mark of the just, the crown of virginity, and the glory of life.

Memoranda for the Month of August.

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SEPTEMBER, 30 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
5, First Quarter,	8 43·2	5, First Quarter,	9 57·1 p.m.
12, Full Moon,	18 18·1	13, Full Moon,	7 32·0 a.m.
19, Last Quarter,	9 57·6	19, Last Quarter,	11 11·5 p.m.
26, New Moon,	21 35·2	27, New Moon,	10 49·1 a.m.
Moon's Apogee, 3rd, at 6h. p.m.		Moon's Perigee, 15th, at 4h. p.m.	

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S					MOON'S		
			Risg	Setg	Declin.	Eq. of Time.	Age.	Meridn Passag.	Declin.	
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>N</i>	<i>Slow</i>	<i>Days</i>	<i>h. m.</i>	<i>deg. m.</i>
1	Frid	Capt. Marryat's Code of	6 19	5 41	8 10	0 13	3·7	2 42	6 8	
2	Sat	Sig. introd. at the Cape.	6 18	5 41	7 49	0 32	4·7	3 26	9 37	
3	Sun	11th Sun. after Trinity.	6 16	5 42	7 27	0 51	5·7	4 11	12 41	
4	M		6 15	5 43	7 4	1 11	6·7	4 56	15 10	
5	Tu		6 14	5 43	6 42	1 30	7·7	5 42	16 59	
6	W		6 13	5 43	6 20	1 50	8·7	6 30	18 2	
7	Th		6 11	5 44	5 57	2 10	9·7	7 19	18 12	
8	Frid	Nativ. of the B.V. Mary.	6 10	5 45	5 35	2 31	10·7	8 10	17 24	
9	Sat		6 8	5 46	5 12	2 51	11·7	9 11	5 38	
10	Sun	12th Sun. after Trinity.	6 7	5 47	4 49	3 12	12·7	9 54	12 55	
11	M		6 5	5 47	4 26	3 33	13·7	10 46	9 21	
12	Tu		6 4	5 48	4 3	3 54	14·7	11 39	5 6	
13	W		6 3	5 49	3 41	4 15	15·7	12 32	0 28	
14	Th		6 2	5 49	3 17	4 36	16·7	13 26	4 16	
15	Frid	[English, 1795.	6 0	5 50	2 54	4 57	17·7	14 21	8 45	
16	Sat	Cape first taken by the	5 59	5 50	2 31	5 18	18·7	15 17	12 38	
17	Sun	13th Sun. after Trinity.	5 57	5 51	2 8	5 40	19·7	16 14	15 38	
18	M		5 56	5 52	1 45	6 1	20·7	17 11	17 32	
19	Tu		5 54	5 53	1 21	6 22	21·7	18 8	18 14	
20	W		5 53	5 53	0 58	6 43	22·7	19 3	17 46	
21	Th	St. Matthew the Apostle.	5 53	5 53	0 35	7 4	23·7	19 57	16 13	
22	Frid		5 52	5 54	0 11	7 25	24·7	20 49	13 46	
23	Sat		5 51	5 54	0 12	7 45	25·7	21 38	10 38	
24	Sun	14th Sun. after Trinity.	5 48	5 55	0 36	8 6	26·7	22 25	7 1	
25	M	Commercial Exchange founded, 1819.	5 46	5 57	0 59	8 26	27·7	23 10	3 8	
26	Tu		5 45	5 58	1 22	8 47	28·7	23 55	0 51	
27	W		5 43	5 58	1 46	9 7	0·1			
28	Th		5 42	5 59	2 9	9 26	1·1	0 38	4 43	
29	Frid	St. Michael.	5 40	6 0	2 33	9 46	2·1	1 22	8 21	
30	Sat		5 39	6 1	2 56	10 5	3·1	2 6	11 36	

A prudent man is always modest in delivering his sentiments, even where he is absolutely certain he is in the right.

Three things are difficult,—to keep a secret; to bear an injury patiently; and to spend leisure well.

Memoranda for the Month of September.

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OCTOBER, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
5, First Quarter,	2 0·7	5, First Quarter,	3 14·6 p.m.
12, Full Moon,	3 55·7	12, Full Moon,	5 9·6 p.m.
18, Last Quarter,	18 27·5	19, Last Quarter,	7 41·4 a.m.
26, New Moon,	14 46·3	27, New Moon,	4 0·2 a.m.

Moon's Apogee, 1st, at 11h. a.m. Moon's Perigee, 13th, at 8h. p.m.
 Moon's Apogee, 28th, at 9h. p.m.

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S			
			Risg	Setg	Declin.	Eq. of Time.	Age.	Meridn Passag.	Declin.	
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>S</i>	<i>Slow</i>	<i>Days</i>	<i>h. m.</i>	<i>deg. m. s.</i>
1	Sun	15th Sun. of Trin.—S.	5 38	6 2	3 19	10 24	4·1	2	51	14 19
2	M	A. College opened 1829.	5 37	6 2	3 43	10 43	5·1	3	37	16 24
3	Tu		5 35	6 3	4 6	11 2	6·1	4	23	17 45
4	W		5 34	6 3	4 29	11 20	7·1	5	11	18 17
5	Th		5 32	6 4	4 52	11 38	8·1	6	0	17 54
6	Frid		5 31	6 5	5 15	11 55	9·1	6	50	16 36
7	Sat		5 30	6 6	5 38	12 12	10·1	7	41	14 22
8	Sun	16th Sun. after Trinity.	5 28	6 7	6 1	12 29	11·1	8	32	11 15
9	M		5 27	6 8	6 24	12 45	12·1	9	24	7 22
10	Tu		5 25	6 9	6 47	13 1	13·1	10	16	2 54
										N
11	W		5 24	6 9	7 10	13 16	14·1	11	10	1 53
12	Th		5 23	6 10	7 32	13 31	15·1	12	6	6 38
13	Frid	Steamer <i>Enterprize</i> at the	5 22	6 10	7 55	13 45	16·1	13	3	10 59
14	Sat	Cape, 1825.	5 21	6 11	8 17	13 59	17·1	14	2	14 32
15	Sun	17th Sun of Trin.—Bon.	5 20	6 12	8 39	14 13	18·1	15	1	17 0
16	M	arr. at St. Hel. 1815, &	5 18	6 13	9 1	14 25	19·1	16	0	18 13
17	Tu	on the same day, 25 years	5 17	6 14	9 24	14 37	20·1	16	58	18 8
18	W	after, (1840) his remains	5 16	6 15	9 45	14 49	21·1	17	53	16 54
19	Th	removed to France.	5 14	6 16	10 7	15 0	22·1	18	46	14 41
20	Frid	Royal Observatory found	5 13	6 16	10 29	15 10	23·1	19	36	11 43
		at the Cape, 1825.								
21	Sat	Battle of Trafalgar 1805.	5 12	6 17	10 50	15 19	24·1	20	23	8 14
22	Sun	18th Sun. after Trinity.	5 11	6 18	11 11	15 28	25·1	21	9	4 26
23	M		5 10	6 19	11 33	15 36	26·1	22	53	0 30
										S
24	Tu	The Government Gazette	5 8	6 20	11 53	15 44	27·1	22	36	3 25
25	W	established, 1800.	5 8	6 21	12 14	15 50	28·1	23	20	7 10
26	Th		5 7	6 21	12 35	15 56	29·1			
27	Frid		5 6	6 22	12 55	16 1	0·4	0	3	10 34
28	Sat	<i>S. Simon and St. Jude.</i>	5 5	6 23	13 15	16 6	1·4	0	48	13 31
29	Sun	19th Sun. after Trinity.	5 4	6 24	13 35	16 9	2·4	1	33	15 52
30	M	Luther's Reform. began	5 3	6 25	13 55	16 13	3·4	2	19	17 30
31	Tu	1517.	5 2	6 26	14 14	16 15	4·4	3	7	18 20

We should not merely imitate the industry of the bee, but his discrimination; when we extract the good, we should reject the bad.

However conclusive your arguments may be, it is an offence against good manners to triumph over an antagonist.

Memoranda for the Month of October.

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NOVEMBER, 30 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
3, First Quarter,	18 2·9	4, First Quarter,	7 16·8 a.m.
10, Full Moon,	13 35·1	11, Full Moon,	2 49·0 a.m.
17, Last Quarter,	6 46·6	17, Last Quarter,	8 0·5 p.m.
25, New Moon,	9 29·7	25, New Moon,	10 43·6 p.m.

Moon's Perigee, 11th, at 7h. a.m. Moon's Apogee, 24th, at 12h. p.m.

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S				MOON'S			
			Risg	Setg	Declin.	Eq. of Time.	Age.	Meridn Passag.	Declin.	
			<i>deg. m. s.</i>		<i>deg. m. s.</i>		<i>deg. m. s.</i>		<i>deg. m. s.</i>	
1	W	Criminal Sess. com.	5 16 27	14 34 16	16 16 16	5·4	3 55 18	18 18		
2	Th		5 06 28	14 53 16	17 6·4	4 43 17	23			
3	Frid	Princess Sophia b. 1777.	4 59 6	29 15 12	16 17 7·4	5 32 15	33			
4	Sat	[Popish Consp. 1605.	4 58 6	29 15 30	16 16 8·4	6 22 12	52			
5	Sun	20th Sun. after Trin.—	4 57 6	30 15 48	16 14 9·4	7 12 9	25			
6	M	Prin. Charlotte of Wales	4 56 6	31 16 7	16 11 10·4	8 2 5	18			
7	Tu	d. 1817.	4 56 6	32 16 24	16 8 11·4	8 54 0	44			
8	W		4 55 6	33 16 42	16 4 12·4	9 48 4	2			
9	Th	Albert Edward, Prince of	4 54 6	34 16 59	15 59 13·4	10 43 8	41			
10	Frid	Wales b. 1841.	4 53 6	35 17 16	15 53 14·4	11 42 12	47			
11	Sat		4 53 6	36 17 32	15 46 15·4	12 42 15	59			
12	Sun	21st Sun. after Trinity.	4 52 6	37 17 49	15 38 16·4	13 44 17	56			
13	M		4 51 6	38 18 5	15 30 17·4	14 45 18	30			
14	Tu		4 51 6	39 18 21	15 21 18·4	15 44 17	43			
15	W	Civil Sessions commence	4 50 6	40 18 36	15 10 19·4	16 39 15	48			
16	Th	[tin Luther b. 1483.	4 49 6	41 18 51	14 59 20·4	17 32 13	1			
17	Frid	[de Gama, 1497—Mar-	4 49 6	42 19 6	14 48 21·4	18 21 9	36			
18	Sat	Cape doubled by Vasco	4 48 6	43 19 20	14 35 22·4	19 7 5	50			
19	Sun	22d Sunday after Trin.	4 47 6	44 19 34	14 21 23·4	19 52 1	53			
20	M		4 47 6	45 19 48	14 7 24·4	20 35 2	5			
21	Tu	Victoria Adelaide Mary	4 46 6	46 20 1	13 52 25·4	21 18 5	54			
22	W	Louisa, Princes Royal	4 46 6	47 20 14	13 36 26·4	22 2 9	27			
23	Th	b. 1840.	4 45 6	48 20 26	13 19 27·4	22 46 12	36			
24	Frid		4 45 6	49 20 39	13 1 28·4	23 31 15	12			
25	Sat		4 45 6	50 20 50	12 43 29·4					
26	Sun	23d Sunday after Trin.	4 45 6	51 21 2	12 23 0·6	0 17 17	8			
27	M	Princess Mary Adelaide	4 44 6	52 21 13	12 3 1·6	1 4 18	17			
28	Tu	of Cambridge b. 1833.	4 44 6	53 21 24	11 43 2·6	1 52 18	35			
29	W		4 44 6	53 21 34	11 22 3·6	2 41 17	59			
30	Th	St. Andrew the Apostle.	4 44 6	54 21 44	11 0 4·6	3 29 16	28			

He who possesses a sound mind in a healthy body, has no right to live in this world without performing some useful labour.

The ground of science, the scale of charity, the type of eternity, and the fountain of grace, is truth.

Memoranda for the Month of November.

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DECEMBER, 31 DAYS.

PHASES OF THE MOON.

<i>Greenwich Mean Time.</i>		<i>Cape Mean Time.</i>	
	<i>h. m.</i>		<i>h. m.</i>
3, First Quarter,	8 5·8	3, First Quarter,	9 19·7 p.m.
9, Full Moon,	23 43·9	10, Full Moon,	0 57·8 p.m.
16, Last Quarter,	23 13·1	17, Last Quarter,	0 27·0 p.m.
25, New Moon,	4 21·8	25, New Moon,	5 35·7 p.m.
Moon's Perigee, 9th, a, 7h. p.m.		Moon's Apogee, 22d, at 7h. p.m.	

Days of Month.	Days of Week.	REMARKABLE DAYS.	SUN'S					MOON'S		
			Risg	Setg	Declin.	Eq. of Time.	Age.	Meridn Passag.	Declin.	
			<i>h. m.</i>	<i>h. m.</i>	<i>deg. m. s.</i>	<i>m. s.</i>		<i>h. m.</i>	<i>deg. m. s.</i>	
1	Frid	Van Diemen's Land discovered by Tasman 1643 1st Sunday in Advent.— Mauritius capitulated, 1810.—Earthquake at the Cape, 1809.	4 44	6 55	21 53	10 37	5·6	4 18	14 7	
2	Sat		4 44	6 56	22 2	10 14	6·6	5 6	11 0	
3	Sun		4 44	6 57	22 10	9 50	7·6	5 55	7 14	
4	M		4 44	6 58	22 19	9 25	8·6	6 44	2 58	
5	Tu		4 44	6 58	22 26	9 1	9·6	7 34	1 36	
6	W		4 44	6 59	22 33	8 35	10·6	8 27	6 13	
7	Th		4 44	7 0	22 40	8 9	11·6	9 22	10 35	
8	Frid		4 44	7 1	22 47	7 43	12·6	10 21	14 19	
9	Sat		4 44	7 1	22 53	7 16	13·6	11 21	17 3	
10	Sun		4 45	7 2	22 58	6 49	14·6	12 24	18 28	
11	M	4 45	7 3	23 3	6 21	15·6	13 25	18 26		
12	Tu	4 45	7 4	23 7	5 53	16·6	14 25	17 4		
13	W	4 45	7 4	23 12	5 25	17·6	15 22	14 36		
14	Th	4 45	7 5	23 15	4 56	18·6	16 13	11 20		
15	Frid	4 46	7 6	23 18	4 27	19·6	17 2	7 35		
16	Sat	4 46	7 7	23 21	3 58	20·6	17 49	3 34		
17	Sun	4 46	7 7	23 23	3 28	21·6	18 33	0 29		
18	M	4 47	7 8	23 25	2 59	22·6	19 17	4 25		
19	Tu	4 47	7 8	23 26	2 29	23·6	20 0	8 7		
20	W	4 47	7 9	23 27	1 59	24·6	20 43	11 27		
21	Th	4 48	7 9	23 27	1 29	25·6	21 28	14 17		
22	Frid	4 48	7 10	23 27	0 59	26·6	22 14	16 30		
23	Sat	4 49	7 10	23 27	0 29	27·6	23 0	18 0		
24	Sun	4 50	7 11	23 26	0 1	28·6	23 49	18 38		
25	M	4 50	7 11	23 24	0 31	29·6				
26	Tu	4 51	7 11	23 22	1 1	0·8	0 37	18 22		
27	W	4 52	7 12	23 20	1 31	1·8	1 27	17 11		
28	Th	4 52	7 12	23 17	2 1	2·8	2 17	15 7		
29	Frid	4 53	7 12	23 13	2 30	3·8	3 4	12 15		
30	Sat	4 54	7 13	23 9	2 59	4·8	3 52	8 42		
31	Sun	4 54	7 13	23 5	3 28	5·8	4 41	4 39		

Wit and wisdom differ ; wit is upon the sudden turn ; wisdom is in bringing about ends.
That writer does the most, who gives his reader the most knowledge, and takes from him the least time.

Memoranda for the Month of December.

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Eclipses of Jupiter's Satellites,—1848.

Visible at the Cape of Good Hope.

Sat.	Day of Month.	Em or Im	Cape Mean Time.			Sat.	Day of Month.	Em or Im	Cape Mean Time.				
			h.	m.	s.				h.	m.	s.		
1	January	4 Im	16	37	31	1	April	2 Em	6	48	19		
		13 Em	15	13	48			9 —	8	43	48		
		15 —	9	42	27			16 —	10	39	17		
		20 —	17	8	16		25 —	7	3	36			
		22 —	10	36	57		2	6 —	10	56	23		
		29 —	13	31	36		24 —	5	25	21			
	2	1	Im	8	54	0	3	20	Em	5	36	57	
			8 Em	14	20	26			27 Im	6	14	54	
			15 —	16	57	19			27 Em	9	37	23	
	3	26	—	8	52	14	4	4	Im	11	8	38	
			3 Im	14	19	24			21 Em	9	5	42	
	4	28	—	10	56	37	1	May	2 Em	8	59	4	
28 Em			14	13	2	11 —			5	23	24		
1	February	5 Em	15	25	23	18 —			7	18	47		
		7 —	9	55	5	25 —			9	14	8		
		14 —	11	50	2	2			1	8	0	40	
		21 —	13	45	6	3			26	5	3	14	
		23 —	8	13	54	4		4 Im	10	15	19		
		2	2	11	29	4		1	June	3 Em	5	38	8
9	14	5	51	10 —	7	33				20			
27	8	37	38	26 —	5	52				16			
3	1	—	9	30	59	2				7	37	58	
		8 —	13	31	45	3				2	5	40	4
4	15	—	14	15	53	4	27			Im	5	23	7
		14 —	8	23	40	1		Septemb. 29	Im	17	19	4	
1	March	1 Em	10	9	6	2	October	11 Im	16	23	9		
		8 —	12	4	23			22 Em	16	2	9		
		10 —	6	33	10			1	Novemb.	7 Im	15	42	25
		17 —	8	28	31					30 Im	15	50	2
		24 —	10	23	56	12 Im	16			0	43		
		31 —	12	19	23	2	Decemb.			9 —	12	11	27
2	5	—	11	14	4					16 —	14	4	35
		30 —	8	20	32					23 —	15	57	45
3	15	Im	6	15	1			7 Im	13	4	26		
		15 Em	9	33	50			14 —	15	40	14		
		22 Im	10	15	6			5 Em	13	10	59		
4	22	—	10	15	6	12 Im	13	35	28				
		1	28	—	16	28	28	9 —	12	11	27		
								16 —	14	4	35		
								23 —	15	57	45		
7 Im	13							4	26				
14 —	15	40	14										
5 Em	13	10	59										
12 Im	13	35	28										
11 Im	11	18	54										
16 —	16	3	30										

**Stars liable to occultation by the Moon,
1848.**

Visible in the Parallel of the Cape.

Date.	Name of Star.	Cape Mean time of conj. R. A.	Date.	Name of Star.	Cape m. time of con. R. A.
		h. m. s.			h. m. s.
Jan.	12 Georgian	11 9 23	May 18	ϕ Ophiuchi	14 22 21
	21 ϵ Leonis	14 8 37		22 e^2 Sagittarii	7 22 27
	27 κ Virginis	14 31 17	June 8	τ Leonis	9 25 20
	29 η Libræ	12 11 8		9 η Virginis	12 35 17
Feb.	30 ϕ Ophiuchi	10 36 46	18 e^2 Sagittarii	13 1 47	
	9 σ Piscium	11 38 24	21 θ Aquarii	11 36 4	
	12 δ^2 Tauri	6 55 4	24 e Piscium	17 45 28	
	12 δ^3 Tauri	7 29 23	July 16	β^2 Capricorni	13 6 0
20 τ Leonis	7 57 2	18 θ Aquarii		17 17 5	
March	25 ν^1 Libræ	16 1 44	Aug. 8	ϕ Ophiuchi	12 16 30
	10 δ^1 Tauri	12 19 38		21 δ^1 Tauri	15 22 43
	10 δ^2 Tauri	12 48 29	21 δ^2 Tauri	15 51 39	
	11 m Tauri	6 39 5	Sept. 8	e^2 Sagittarii	13 36 50
18 τ Leonis	14 48 3	9 β^2 Capricorni		6 52 33	
April	29 β^2 Capricorni	11 37 18	14 e Piscium	12 41 19	
	31 θ Aquarii	14 14 14	18 m Tauri	15 8 56	
	12 ϵ Leonis	9 50 2	Oct. 6	β^2 Capricorni	16 9 2
	18 κ Virginis	11 24 59		8 e Piscium	10 3 19
May	21 ϕ Ophiuchi	8 25 53	Nov. 8	δ^1 Tauri	15 28 0
	26 ν Aquarii	17 13 11		11 δ^2 Tauri	15 53 43
	12 β Virginis	14 30 56	12 m Tauri	8 20 59	
	13 η Virginis	6 2 44	17 Δ Leonis	13 17 24	
15 κ Virginis	17 30 40	19 β Virginis	16 25 7		
17 ν^1 Libræ	11 17 39	Dec. 16	η Virginis	14 0 53	

Astronomical Data.

Mean Places for the Middle of the year 1848, of the most brilliant Southern Stars, useful for finding the Time or Latitude in the Southern Hemisphere.

	Rt. Ascen.			Declin.		
	h.	m.	s.	h.	m.	s.
<i>Achernar</i> , the largest Star in Eridanus,.....	1	32	4	58	0	28
<i>Rigel</i> , the highest bright Star in Orion,.....	5	7	15	8	22	52
<i>a</i> Columbæ, the principal Star,.....	5	34	10	34	9	28
Canopus, the second brightest Star in the Southern Hemisphere,.....	6	20	35	52	36	53
Sirius, the brightest Star in the Southern Hemisphere,.....	6	38	28	16	30	16
<i>a</i> Hydræ,.....	9	20	8	8	0	17
η Argus, a bright Star, but variable,.....	10	39	12	58	53	20
<i>a</i> ¹ Crucis, the principal Star in the Cross,.....	12	18	13	62	15	30
Spica, the brightest Star in Virgo,.....	13	17	13	10	22	8
β Centauri,.....	13	53	11	59	38	19
<i>a</i> ² Centauri,.....	14	29	22	60	12	15
Antares, the brightest Star in Scorpio,.....	16	20	8	26	5	26
<i>a</i> Pavonis, second magnitude,.....	20	13	38	57	12	52
<i>a</i> Gruis, ditto,.....	21	58	39	47	41	29
Fomalhaut,.....	22	49	16	30	25	44

A Table of Semidiurnal Arcs.

For calculating the Time of the Rising and Setting of Celestial Objects.

Declin.			Angle.			Declin.			Angle.		
S.°	h	m	S.°	h	m	N.°	h	m	N.°	h	m
32	7	43	16	6	47	1	6	0	17	5	15
31	7	39	15	6	44	2	5	57	18	5	12
30	7	35	14	6	41	3	5	54	19	5	9
29	7	31	13	6	38	4	5	52	20	5	6
28	7	27	12	6	36	5	5	49	21	5	3
27	7	23	11	6	33	6	5	46	22	5	0
26	7	20	10	6	30	7	5	44	23	4	56
25	7	16	9	6	27	8	5	41	24	4	53
24	7	13	8	6	24	9	5	38	25	4	50
23	7	9	7	6	22	10	5	35	26	4	46
22	7	6	6	6	19	11	5	32	27	4	43
21	7	3	5	6	16	12	5	30	28	4	39
20	7	0	4	6	13	13	5	27	29	4	35
19	6	56	3	6	11	14	5	24	30	4	31
18	6	53	2	6	8	15	5	21	31	4	28
17	6	50	1	6	5	16	5	18	32	4	24

PHENOMENA—1848.

Eclipses of the Sun and Moon.

In the Year 1848 there will be four Eclipses of the Sun, two of the Moon, and a Transit of Mercury.

Of these a total Eclipse of the Moon, on March 19, and the Transit of Mercury, on November 9, will be visible at the Cape.

1. A total Eclipse of the Moon, March 19—20.

	<i>h. m.</i>	
First contact with the Penumbra, March 19, at	7 19·6	p.m.
First contact with the shadow,	8 29·7	p.m.
First total immersion in the shadow,	9 35·2	p.m.
Middle of the Eclipse,	10 25·8	p.m.
Last total immersion in the shadow,	11 16·4	p.m.
Last contact with the shadow, March 20, at	0 21·9	a.m.
Last contact with the Penumbra,	1 32·0	a.m.
Magnitude of the Eclipse, (Moon's diameter = 1) 1·601 on the Northern Limb.		

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Cape mn. time.

The first contact with the shadow occurs at 101° from the Northernmost point of the Moon's Limb towards the East; the last contact at 65° towards the West.

2. A Transit of Mercury, November 9.

Ingress, Nov. 9, at 0*h.* 15*m.* 35*s.* p.m. Cape mn. time.
Egress,, 5 40 29 p.m. — — —

Angle from the } First contact 75° towards the West.
North Pole of } Last contact 125° towards the East.

3. A total Eclipse of the Moon will take place on September 13, which may be observed in Longitudes West of the Cape Meridian. At the Cape, however, excepting at the first contact with the Penumbra, the Moon will be below the horizon during the progress of the Eclipse.

	<i>h. m.</i>	
First contact with the Penumbra, Sept. 13, at	4 48·3	a.m.
First contact with the shadow,	5 45·2	a.m.
First total immersion in the shadow,	6 43·5	a.m.
Middle of the Eclipse,	7 32·9	a.m.
Last total immersion in the shadow,	8 22·3	a.m.
Last contact with the shadow,	9 20·6	a.m.
Last contact with the Penumbra,	10 17·5	a.m.
Magnitude of the Eclipse, (Moon's diameter = 1) 1·702 on the Southern Limb.		

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Cape mn. time.

The first contact with the shadow occurs at 78° from the Northernmost point of the Moon's Limb towards the East; the last contact at 113° towards the West.

EXPLANATION of the EPHEMERIS.

In the arrangement of this year's Ephemeris, the mean places of the brightest Southern Stars, the Eclipses of Jupiter's Satellites visible in this Colony, and a Catalogue of Stars liable to Occultation by the Moon, have been introduced, with the view of affording to those persons who have the means, an opportunity to determine their positions in Latitude and Longitude.

There is no accurate Map of this Colony—for, however well the relative positions of some places may be known, by partial surveys,—yet there are no recorded observations upon which (geographically speaking) a Skeleton Map can be founded. Therefore, every individual who undeniably fixes certain positions, must feel, that he confers a public benefit, and that he is contributing his mite, by the only incontrovertible method, towards securing succeeding generations against conflicting discussions about boundaries and locations,—at the same time he is facilitating commercial enterprise, with the numberless advantages resulting from an accurate knowledge of distances.

In calling the attention of the young men who are entering the surveying department to this matter, we do not presume to lay down any fixed rules for their guidance, for we conclude they require none. We only state, that there is a wide field for the display of their talents, and that the few moments occupied in taking an observation, will be remembered by them without regret, while the recorded facts will tend to establish their professional characters.

All the articles in the Ephemeris have been computed for the meridian of the Cape Observatory—which coincides with the meridian of Cape Point, and is distant in longitude east of Greenwich 1h. 13m. 55s. in time, equal to $18^{\circ}, 28', 45''$, in space.

They are likewise expressed in mean solar time, such as is shown by a well-regulated clock.

There are three kinds of time employed in astronomical and civil reckoning, viz:—*sidereal*,—*apparent solar*,—and *mean solar*.

A *sidereal day* is the interval between the instant of a fixed Star's departure from the meridian and the instant of its succeeding return to it;—in other words, it is the exact duration of one revolution of the earth on its axis. It is principally employed in Observatories, where, from the extreme precision with which it may be obtained, it is made the foundation of all astronomical calculation.

An *apparent solar day* is the interval between the instant of the Sun's departure from the meridian and the instant of its succeeding return to it,—or, properly expressed, one revolution of the earth on its axis, together with a portion of time corresponding to the Sun's change of place in the interval. This apparent change in the Sun's place, which is an optical deception, is in part owing to the progressive motion of the earth in its orbit, and the obliquity of that orbit to the equator.

As the orbit of the earth is an ellipse, the angles described round the sun on successive days are not equal to each other. Their differences combined with the fact arising from the obliquity of the orbit to the equator, produces an irregularity which unfits this mode of reckoning for clocks or watches, unless the correction, called "Equation of Time" be applied.

A *mean solar day* is the mean or average of all the apparent solar days in the year, adopted for convenience, and is the same to which clocks or watches are adjusted. It is therefore the time that would be obtained from an observation of the Sun, if the earth moved with an equal angular velocity, and its path was in the *equator*. Hence it will be readily perceived, that the *equation of time* is simply the difference in time between the Sun's *apparent* and *mean* places, and that mean time is easily obtained from a direct observation of the Sun by applying that correction; also that any phenomenon, such as the Sun's rising or setting, will differ from mean or clock time by the equation of time at that instant.

There is no other difference between mean solar time and the civil reckoning employed in the common affairs of life, than in the choice of the hour for the commencement of the day. It has been found convenient for astronomical purposes and at sea, to mark that epoch by a visible phenomenon, viz:—the passage of the Sun over the meridian (*noon*); while, from custom, civil reckoning begins at the preceding midnight.

Astronomers count from noon to noon, through the 24 hours, and thus avoid the repetition of 12 hours on the same day, as well as the necessary concomitants, A.M. and P.M., and it would be desirable to adopt the same arrangement in the Navy.

The pages of the Ephemeris are expressed in Cape mean time, and, excepting the Eclipses of Jupiter's Satellites and similar phenomena, according to the civil reckoning.

The Sun's declination is useful for finding the latitude, or the apparent time,—to which the equation of time must be applied to obtain the clock or mean time.

In column *equation of time*, *fast* implies that *mean time* is in advance of *apparent time*, and that the equation is to be *added* to the apparent time obtained from a solar observation, or the reading of the Sun-dial, and "*slow*" means the contrary, or that the equation should be *subtracted*.

The "*Moon's meridian passage*," which is the same with "*Moon north*" in the former Almanacs, is useful for finding the time of high and low water.

By late observations in Table and Simon's Bays, it has been found, that the mean interval between the moon's meridian passage and high water is *two hours and forty-two minutes*. Therefore, the approximate time of high water on any given day is two hours and forty-two minutes after the Moon's passage.

The "*Moon's declination*" affords the means of obtaining approximately the time of her rising or setting,—thus with, the declination for the given day, enter the table of *semi-diurnal arcs*, page xxx, and apply the corresponding hour angle to the time of the meridian passage by subtraction and addition,—the result will be the approximate time of rising and setting sufficiently near for common purposes.

Example.—On the 12th of December, the Moon's declination is $17^{\circ} 4'$ S. The table gives 6h. 50m., which, subtracted from 14h. 25m., gives 7h. 35m. on December 12, for the time of rising, and added, gives 21h. 15m. on December 12, for the time of setting; or, according to civil reckoning, the times of rising and setting will be, respectively, 7h. 35m., p.m., on December 12, and 9h. 15m., a.m., on December 13.

It must be understood, that this method is only near enough for common purposes. It presumes that the Moon's declination at the time of rising and setting, is the same as at the transit over the meridian, and that the Moon is at an infinite distance.

The Moon's *apogee*, means the time of the Moon's being farthest from the earth.

The Moon's *perigee*, means the time of the Moon's being nearest to the earth.

For observing the Eclipses of Jupiter's Satellites, a telescope is required of at last three feet focal length.

The Satellite appears like a fine point of light at the moments of immersion or emersion, and will be seen later or sooner according to the power of the telescope. The occultation of a fixed star by the Moon affords the most accurate astronomical phenomenon for the determination of longitudes.

The time given in the Ephemeris is the Cape mean time of the conjunction in right ascension as seen from the earth's centre, but unless the Moon at that instant should be on the meridian, it cannot be the middle of the Eclipse. When the Moon is west of the meridian, the Eclipse is retarded, and when east of the meridian, it is accelerated. The observer should prepare for the phenomenon accordingly.