

PHASES OF THE MOON.

| | | | |
|------------------------|-------------------------|---------------------------|--------------------------|
| Full Moon | D. H. M. 3 6 16 a.m. | New Moon | D. H. M. 18 3 17 p.m. |
| Last Quarter | 10 11 45 a.m. | First Quarter | 25 0 3 a.m. |
| Perigee, 1d. 3h. p.m. | | Apogee, 13d. 2h. p.m. | |
| | | Perigee, 29d. 2h. 32 p.m. | |

| DAYS. | REMARKABLE DAYS. | SUN'S AP- PARENT DE- CLINATION. | | EQUATION OF TIME. SUBT. FROM ADD TO APPARENT TIME. | | MOON'S AGE AT NOON. | MOON'S MERIDIAN PASSAGE. Mean Time. | | MEAN TIME CORRECTED. | | DAYS. |
|-------|------------------|---|-----------|--|----|---------------------|-------------------------------------|-------|----------------------|-------|-------|
| | | ° | ' | M. | S. | | D. | H. M. | H. M. | H. M. | |
| 1 | F | Lytt. & Chch. Railway opened, 1863 | 221 47 23 | 10 51.57 | 12 | 10.35 p.m. | 4 22 | 7 19 | 1 | | |
| 2 | Sat | French Empire restored, 1852 | 21 56 35 | 10 28.87 | 13 | 11.34 | 4 21 | 7 20 | 2 | | |
| 3 | S | First Sunday in Advent | 22 5 32 | 10 5.54 | 14 | | 4 21 | 7 21 | 3 | | |
| 4 | M | | 22 13 43 | 9 41.60 | 15 | 0.35 a.m. | 4 20 | 7 22 | 4 | | |
| 5 | T | | 22 21 38 | 9 17.08 | 16 | 1.34 | 4 20 | 7 23 | 5 | | |
| 6 | W | Bible translated into English, 1611 | 22 29 8 | 8 52.00 | 17 | 2.31 | 4 20 | 7 24 | 6 | | |
| 7 | Th | Milton born, 1608 | 22 36 10 | 8 26.37 | 18 | 3.24 | 4 20 | 7 25 | 7 | | |
| 8 | F | Elihu Burritt born, 1811 | 22 42 46 | 8 0.23 | 19 | 4.14 | 4 19 | 7 26 | 8 | | |
| 9 | Sat | First newspaper printed, 1665 | 22 48 56 | 7 34.60 | 20 | 5. 1 | 4 19 | 7 27 | 9 | | |
| 10 | S | Second Sunday in Advent | 22 54 38 | 7 6.51 | 21 | 5.46 | 4 19 | 7 28 | 10 | | |
| 11 | M | Gay died, 1732 | 22 59 54 | 6 38.93 | 22 | 6.28 | 4 19 | 7 29 | 11 | | |
| 12 | T | [throne, 1542 | 23 4 42 | 6 11.05 | 23 | 7.21 | 4 19 | 7 30 | 12 | | |
| 13 | W | Mary Queen of Scots came to the | 23 9 2 | 5 42.75 | 24 | 7.53 | 4 19 | 7 31 | 13 | | |
| 14 | Th | Prince Consort died, 1861 | 23 12 55 | 5 14.10 | 25 | 8.38 | 4 20 | 7 32 | 14 | | |
| 15 | F | King Leopold born, 1790 | 23 15 20 | 4 45.14 | 26 | 9.22 | 4 20 | 7 33 | 15 | | |
| 16 | Sat | Canterbury ann. Found. Cathedral, '64 | 23 19 17 | 4 15.91 | 27 | 10. 9 | 4 20 | 7 33 | 16 | | |
| 17 | S | Third Sunday in Advent | 23 21 46 | 3 46.45 | 28 | 10.57 | 4 20 | 7 34 | 17 | | |
| 18 | M | Ember Day | 23 23 47 | 3 16.79 | 29 | 11. 9 | 4 21 | 7 34 | 18 | | |
| 19 | T | J. M. W. Turner died, 1857 | 23 25 20 | 2 46.92 | 0 | 0.38 p.m. | 4 21 | 7 34 | 19 | | |
| 20 | W | Louis Napoleon proc. Emperor, 1848 | 23 26 25 | 2 17.53 | 1 | 1.29 | 4 21 | 7 35 | 20 | | |
| 21 | Th | St. Thomas, Apostle | 23 27 2 | 1 47.00 | 2 | 2.20 | 4 22 | 7 35 | 21 | | |
| 22 | F | Pegu annexed to British India, 1852 | 23 27 10 | 1 16.44 | 3 | 3.11 | 4 22 | 7 36 | 22 | | |
| 23 | Sat | Act for format. of Forn. Legion passed, | 23 26 45 | 0 46.88 | 4 | 4. 2 | 4 23 | 7 36 | 23 | | |
| 24 | S | Fourth Sunday in Advent [1854 | 23 26 1 | - 16.84 | 5 | 4.52 | 4 23 | 7 36 | 24 | | |
| 25 | M | Christmas Day | 23 24 44 | + 13.12 | 6 | 5.41 | 4 24 | 7 37 | 25 | | |
| 26 | T | Anni. 1st Theatre opened in Christch. | 23 22 59 | 0 42.98 | 7 | 6.33 | 4 25 | 7 37 | 26 | | |
| 27 | W | St. John the Evangelist | 23 20 46 | 1 12.71 | 8 | 7.26 | 4 26 | 7 37 | 27 | | |
| 28 | Th | Innocents' Day | 23 18 5 | 1 42.25 | 9 | 8.21 | 4 27 | 7 37 | 28 | | |
| 29 | F | South Australia established, 1836 | 23 14 55 | 2 11.00 | 10 | 9.19 | 4 28 | 7 38 | 29 | | |
| 30 | Sat | Capture of Mooltan, 1848 | 23 11 18 | 2 40.73 | 11 | 10.17 | 4 29 | 7 38 | 30 | | |
| 31 | S | First Sunday after Christmas | 23 7 13 | 3 9.59 | 12 | 11.16 | 4 30 | 7 39 | 31 | | |

PHENOMENA FOR THE MONTH.

DECEMBER—4th, 6h. 42m. p.m., Neptune in conjunction with the Moon; 5th, 11h. 2m. p.m., Mercury in conjunction with Jupiter; 6th, 3h. 45m., Mercury at greatest elongation; 14th, 10h. 5m. a.m., Mercury stationary; 16th, 6h. 48m. p.m., Saturn in conjunction with the Moon; 17th, 3h. 14m. a.m., Venus in conjunction with the Moon; 17th, 4h. 54m. p.m., Mars in conjunction with the Moon; 19th, 3h. 20m. a.m., Mercury in conjunction with Jupiter; 19th, Oh. 58m. p.m., Mercury in conjunction with the Moon; 19th, 1h. 52m. p.m., Jupiter in conjunction with the Moon; 21st, 7h. 25m. a.m., Mercury in Perihelion; 22nd, 6h. 52m. a.m., Sun enters Capricorn; 23rd, 10h. 15m. p.m., Mercury in inferior conjunction with the Sun; 14th, 3h. 48m. a.m., Neptune in opposition to the Sun; 29th, 6h. 44m. p.m., Venus in conjunction with Mars; 30th, 1h. 7m. p.m., Mercury in conjunction with Venus; 30th, 7h. 54m. p.m., Mercury in conjunction with Mars; 31st, 3h. 20m. p.m., Mercury at greatest heliocentric latitude, north.

FARMING OPERATIONS.

Attend to the hoeing and weeding of the carrots, parsnips, and mangolds. Continue and finish potatoe planting. For every root or bulb crop deep ploughing and perfect tillage are required. Cut potatoes into sets, and from 10 to 12 cwt. per acre will be required for planting. Sow white turnips, and in no case neglect the hoeing and weeding of the root and cabbage crops. Mow grass for hay. Rye-grass is fit when the pollen from the flowers blows over the land in a sort of smoke; common clover, when the whole field is a bloom of purple, but before any fades; and cow grass, when from two-thirds to three-fourths of the flowers are developed.

GENERAL GOVERNMENT DIRECTORY.

THE GOVERNMENT OF NEW ZEALAND.

GOVERNOR AND COMMANDER-IN-CHIEF AND VICE-ADMIRAL OF THE ISLANDS OF NEW ZEALAND—His Excellency Sir GEORGE GREY, K.C.B.

Private Secretary—Rev. J. Thatcher.
 Assistant Private Secretary—J. Holt, Esq.
 Aide-de-Camp—Captain F. E. Bulkeley, 65th Regiment.

DEPUTY OF THE GOVERNOR (in case of absence from the Province of Auckland)—Lieutenant-General Sir Duncan Alexander Cameron, K.C.B., Commanding H. M. Forces in New Zealand.

EXECUTIVE COUNCIL.

Honorables—The Colonial Secretary, the Colonial Treasurer, the Attorney-General, the Postmaster-General, the Native Minister, and the Minister for Colonial Defence. Clerk—Foster Goring, Esq.

COLONIAL SECRETARY AND NATIVE MINISTER—F. A. Weld
 COLONIAL TREASURER—W. Fitzherbert
 ATTORNEY-GENERAL—H. Sewell
 POSTMASTER-GENERAL—J. L. C. Richardson
 MINISTER FOR COLONIAL DEFENCE—H. A. Atkinson

[The above officers form the Cabinet.]

COLONIAL SECRETARY'S DEPARTMENT.

Under Secretary—W. Gisborne.
 Chief Clerk—A. C. P. Macdonald.

GENERAL POST-OFFICE.

Secretary—G. E. Elliott.
 Clerk—R. S. Anderson.
 Inspector of Post Offices—J. Couits Crawford.

COLONIAL TREASURY.

Assistant Treasurer—R. F. Porter.
 Clerk and Cashier—C. T. Batkin.

COLONIAL DEFENCE OFFICE.

Assistant Secretary—W. Seed.

ATTORNEY-GENERAL'S DEPARTMENT.

Assistant Law Officer—F. D. Fenton.
 Clerk—R. G. Fountain.

AUDIT DEPARTMENT.

Auditor General—Charles Knight.
 Chief Clerk—W. Dover.

NATIVE DEPARTMENT.

Native Secretary—
 Assistant Native Secretary—H. Halse
 Interpreter—H. Monro.

Registrar-General—J. Boyle Bennett.
 Secretary for Crown Lands—Alfred Domett.
 Registrar-General of Land and Deeds—T. B. Gillies.
 Chief Surveyor—Charles Heaphy.

CUSTOMS DEPARTMENT.

Commissioner—Hon. W. Fitzherbert.

SUPREME COURT.

Chief Justice—Hon. Sir George Alfred Arney, Knight.
 Puisne Judges—His Honor Henry Barnes Gresson, Canterbury Circuit; His Honor Alexander John Johnston, Wellington, Hawkes Bay, and Nelson Circuit; His Honor Christopher William Richmond, and His Honor Henry Samuel Chapman, Otago and Southland Circuit.

NEW ZEALAND MARINE BOARD.

President and Master Warden—Charles Sharp.
 Wardens—Robert Johnson, Thomas Robertson, and Archibald Kennedy.
 Treasurer—Thomas Robertson.

Inspectors of Steam Vessels—(under the Steam Navigation Act, 1862)—R. Johnson, Nelson; T. Robertson, Dunedin; A. Kennedy, Wellington.
 Engineer Surveyor—Joseph Nancarrow.