

*Hector Observatory, Bulletin 11.—Time Service.*

Hector Observatory,  
Wellington, N.Z., 15th April, 1918.

Longitude: 11 h. 39 m. 4.27 s. (= 174° 46' 4") east of Greenwich.

Latitude: 41° 17' 3.8" south. Height, 418 ft.

IT is hereby notified, for general information, that the Observatory standard mean time clock has been fitted with contacts by which time-signals are given at every hour of Greenwich mean time. The signal begins at the beginning of the hour, and is approximately one second in duration. The signal is repeated at the first, second, fourth, and fifth minute of each hour.

The Greenwich mean times and the corresponding New Zealand mean times that the time-signals begin at are—

	Greenwich Mean Time.	New Zealand Mean Time.
	h. m. s.	h. m. s.
1st time-signal ..	0 0 0	23 30 0
2nd time-signal ..	0 1 0	23 31 0
3rd time-signal ..	0 2 0	23 32 0
4th time-signal ..	0 4 0	23 34 0
5th time-signal ..	0 5 0	23 35 0

There is no signal at three minutes past each hour. The signals are repeated at every hour of Greenwich mean time.

*Time-signals by Telegraphy.*

Arrangements can usually be made for the automatic transmission of the time-signals from the Observatory standard mean time clock to any telegraph office in New Zealand upon application being made for them to the Observatory.

*Time-signals by Wireless Telegraphy.*

The time-signals at 22 h. Greenwich mean time have been automatically sent out by the Awanui Radio Station (longitude 173° 18' east of Greenwich, latitude 34° 54' south) on a wave-length of 2,000 metres.

The Greenwich mean times and the corresponding New Zealand mean times that the wireless time-signals begin at are—

	Greenwich Mean Time.	New Zealand Mean Time.
	h. m. s.	h. m. s.
1st time signal ..	22 0 0	9 30 0 p.m.
2nd time-signal ..	22 1 0	9 31 0 "
3rd time-signal ..	22 2 0	9 32 0 "
4th time-signal ..	22 4 0	9 34 0 "
5th time-signal ..	22 5 0	9 35 0 "

There is no signal at three minutes past the hour. Each time-signal is approximately one second in duration.

The wireless time service is not regularly in operation, so that when time-signals by wireless telegraphy are required, application for them should be made to the Observatory.

C. E. ADAMS,  
Government Astronomer.

*Notice to Mariners.—No. 25 of 1918.*

NEW ZEALAND NAUTICAL ALMANAC.—ERRATA.

Marine Department,  
Wellington, N.Z., 15th April, 1918.

NOTICE is hereby given that the distance from Port Chalmers to Wanganui, on page 248 of the "New Zealand Nautical Almanac," has been printed in error, and the number of hours and tenths on the passage between the two ports at speeds from 6 to 16 miles per hour shown in the table on page 248 will also be in error.

The correct distance, as given on page 211 of the "New Zealand Nautical Almanac," is 412 miles instead of 533, as printed in error on page 248, which is the distance from Bluff to Wanganui.

The following are the hours and tenths at speeds from 6 to 16 miles per hour for the corrected distance, 412 miles, viz. :—

m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.
6	6½	7	7½	8	8½	9	9½	10	10½	11
Hrs. 68.7	Hrs. 63.5	Hrs. 58.9	Hrs. 54.9	Hrs. 51.5	Hrs. 48.5	Hrs. 45.8	Hrs. 43.4	Hrs. 41.2	Hrs. 39.2	Hrs. 37.4
m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.
11½	12	12½	13	13½	14	14½	15	15½	16	
Hrs. 35.8	Hrs. 34.3	Hrs. 32.9	Hrs. 31.7	Hrs. 30.5	Hrs. 29.4	Hrs. 28.4	Hrs. 27.5	Hrs. 26.6	Hrs. 25.8	

GEORGE ALLPORT,  
Secretary.

*Result of Election of a Member of the Christchurch Fire Board by Fire-insurance Companies.*

Department of Internal Affairs,  
Wellington, 15th April, 1918.

THE following result of the election of a member of the Christchurch Fire Board by fire-insurance companies has been reported to the Minister of Internal Affairs, and is notified in accordance with the rules made under the Fire Brigades Act, 1908.

G. W. RUSSELL,  
Minister of Internal Affairs.

Christchurch Fire Board—  
James Buchan *vice* J. F. Grierson, resigned.

*Officiating Ministers for 1918.—Notice No. 13.*

Registrar-General's Office,  
Wellington, 16th April, 1918.

PURSUANT to the provisions of the Marriage Act, 1908, the following names of Officiating Ministers within the meaning of the said Act are published for general information :—

*Presbyterian Church of New Zealand.*

The Reverend SAMUEL GASTON.

*Reorganized Church of Jesus Christ of Latter-day Saints.*

Elder R. W. HALL.  
" A. V. ROBINSON.  
" H. W. SAVAGE.

W. W. COOK,  
Registrar-General.

*Branch of Friendly Society registered.*

Friendly Societies Department,  
Wellington, 28th February, 1918.

THE Sacred Heart Branch No. 660, situated at Dargaville, is registered as a branch of the New Zealand District Hibernian Australasian Catholic Benefit Friendly Society, under the Friendly Societies Act, 1909, this 22nd day of August, 1917.

R. E. HAYES,  
Registrar of Friendly Societies.

*Mining Privilege struck off the Register.—Notice under the Mining Amendment Act, 1914.*

Office of the Mining Registrar,  
Ross, 6th April, 1918.

NOTICE is hereby given that the mining privilege mentioned in the Schedule hereto has been struck off the Register, no cause to the contrary having been shown within the prescribed period of three months.

C. E. ROACH,  
Mining Registrar.

SCHEDULE.

MINING PRIVILEGE STRUCK OFF THE REGISTER.

No. 914, Water-race, Cedar Creek: Registered holder, Lemuel McNair.

*Public Service Stores Tender Board.—Supply and Delivery of Stores.*

Wellington, 9th April, 1918.

TENDERS will be received at the office of the Chairman, General Post Office, Wellington, for the supply and delivery of 25,120 ironbark poles and 9,290 electric lamps, offers to close on the 13th May and 1st July, 1918, respectively.

Particulars and conditions of tendering may be obtained at the office of the Controller of Stores, Post and Telegraph Department, Wellington; the District Storekeeper, Post and Telegraph Department, Christchurch; or at the offices of the Telegraph Engineers at Auckland and Dunedin.

J. ORCHISTON,  
Chairman.