

New Zealand Rainfall for August, 1918—continued.

Station.	Total Fall, Points (100 to Inch).	Days with Rain.
SOUTH ISLAND—continued.		
(G.) EAST ASPECT—KAIKOURA TO CAPE SAUNDERS—continued.		
Waratah, Albury	306	9
Kakahu Bush, Geraldine	356	8
Pleasant Point .. .. .	..	..
Te Pah Farm, Seadown	283	7
Smithfield	316	7
Timaru Reservoir	301	7
Benmore Station, Oamarua	233	8
Otiake	288	7
Borton's Siding .. .. .	..	..
Livingstone	205	9
Arnmore, Windsor .. .. .	..	..
Totara Station, near Oamarua	275	7
Dunroon	275	9
Pukeuri, Oamarua	209	7
Oamarua	242	8
Steward Settlement, Oamarua	221	5
Trotter's Creek, Hillgrove	315	8
Kauroo Hill, Maheno	267	11
Balruddery, Kauroo Hill, Maheno	289	10
Bushey Park, Palmerston South	325	9
Opoho, Dunedin (383 ft.)	340	11
Burnside, Dunedin	334	14
Fish-hatchery, Portobello	289	11
Whare Flat	303	11
Mosgiel	260	10
(H.) SOUTH ASPECT—CAPE SAUNDERS TO PUYSEGUR POINT.		
Paerau	369	9
Great Moss Swamp, via Patearoa	347	10
Eweburn Nursery, Ranfurly	159	13
Waipiata	171	8
Naseby	210	7
Kokonga .. .. .	..	..
Gladbrook Station, Middlemarch	369	15
Mount Pisa Station, Cromwell	59	3
Maungawera, Otago	229	9
Luggate, Cromwell	186	6
Manorburn Dam	179	9
Queenstown .. .. .	..	..
Moa Creek	154	8
Little Valley .. .. .	..	..
St. Bathans	190	11
Blackstone Hill .. .. .	..	..
Clyde	153	10
Earnsclough	139	8
Roxburgh	358	11
Sunnyvale Orchard, Island Block .. .. .	..	..
Balclutha	255	14
Garston	141	3
Glenfalloch Station, Nokomai	137	8
Wendon	338	16
Lawrence	241	12
Owaka	503	8
Kelso, Otago	280	18
Tapuanui Nursery	298	17
Waikawa Valley	453	24

New Zealand Rainfall for August, 1918—continued.

Station.	Total Fall, Points (100 to Inch).	Days with Rain.
SOUTH ISLAND—continued.		
(H.) SOUTH ASPECT—CAPE SAUNDERS TO PUYSEGUR POINT—continued.		
Wharuarimu	540	23
Uplands, Waimahaka	514	16
Roslin Estate, Woodlands	385	17
Balfour .. .. .	..	..
Dipton	281	7
Bluff	434	23
Radio-Awarua	515	21
Nightcaps	448	15
Otautau	537	12
Creighton, Lake Wakatipu	450	10
Manapouri	532	14
(I.) ISLANDS.		
Centre Island	482	20
Stewart Island	675	25
Half-moon Bay, Stewart Island	706	26
Niue Island .. .. .	..	..
Avarua, Rarotonga, Cook Islands .. .. .	..	..
Aitutaki Island, Cook Islands	1292	12
Mangaia, Cook Islands .. .. .	..	..
Chatham Island .. .. .	..	..
LATE RETURNS.		
Kaukapakapa, February, 1918	607	17
Cuvier Island, July, 1918	277	15
Belle Vue Farm, July, 1918	395	21
Waiawa, July, 1918	380	19
Mautotara, November, 1917	433	11
Raukokore, December, 1917	391	7
Kaitaia, March, 1918	199	6
Keretoki Station, July, 1918	1397	21
Ngaruawahia, December, 1917	371	11
Ngatimaru, March, 1918	463	6
„ July, 1918	628	13
Upper Mangorei, February, 1918	689	16
Kairanga, January, 1918	256	6
Marybank, Wanganui, March, 1918	190	5
„ „ June, 1918	94	11
East Cape, May, 1918	126	9
„ June, 1918	491	15
„ July, 1918	166	14
Muriwai, July, 1918	342	13
Ditton, July, 1918	709	26
Karori Reservoir, March, 1918	466	12
Karamea, July, 1918	840	20
Mount Peel, June, 1918	336	9
Pleasant Point, July, 1918	278	7
Niue Island, May, 1918	499	13
„ June, 1918	96	7
Avarua, May, 1918	190	12
„ June, 1918	364	13
„ July, 1918	337	16
Creighton, Lake Wakatipu, May, 1918	474	12
„ „ June, 1918	115	8
„ „ July, 1918	498	14

Notice to Mariners.—No. 60 of 1918.

AUCKLAND HARBOUR.—ORAKEI WHARF LIGHT.

Marine Department,
Wellington, N.Z., 25th September, 1918.

THE Auckland Harbour Board have notified that a red sector will be shown in the light at the end of Orakei Wharf to assist the masters of the ferry steamers to keep clear of the beacons at the end of the Orakei sewer outfall.

This light will show a red sector between 228° (S. 33° W. magnetic) round by west to 288° (N. 87° W. magnetic).

This change will be made on and after the night of Friday, 4th October.

Charts, &c., affected.—Admiralty Chart No. 1970; "New Zealand Pilot," eighth edition, 1908, Chapter ii, page 38; "New Zealand Nautical Almanac," 1918, page 259.

GEORGE ALLPORT,
Secretary.

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Notice to Mariners.—No. 61 of 1918.

"NEW ZEALAND NAUTICAL ALMANAC AND TIDE-TABLES FOR 1919"; AND SUPPLEMENT TO THE "NEW ZEALAND PILOT," EIGHTH EDITION, 1908.

Marine Department,
Wellington, N.Z., 24th September, 1918.

NOTICE is hereby given that the Marine Department has now published the "New Zealand Nautical Almanac and Tide-tables for 1919," with supplementary information to date relating to the "New Zealand Pilot," eighth edition, 1908.

The work contains about 530 pages, and about forty maps and plans of harbours, wharves, &c., with latest alterations, and much information relating to the principal ports and harbours of New Zealand and of value to mariners; also the usual nautical almanac data required in the ordinary navigation of ships, tide-tables (calculated by the New Zealand Lands and Survey Department) giving time and