## 1936. NEW ZEALAND.

## DEPARTMENT OF LANDS AND SURVEY.

## SWAMP DRAINAGE.

REPORT FOR THE YEAR ENDED 31st MARCH, 1936, TOGETHER WITH STATEMENTS OF ACCOUNTS.

Presented to both Houses of the General Assembly pursuant to Section 13 of the Swamp Drainage Act, 1915.

Department of Lands and Survey,

Sir,---

Wellington, 1st July, 1936.

In pursuance of section 13 of the Swamp Drainage Act, 1915, I have the honour to forward the report of the Chief Drainage Engineer covering operations on lands proclaimed under the Swamp Drainage Act and amendments.

I have, &c.,

W. Robertson,

Under-Secretary for Lands.

The Hon. Frank Langstone, Minister of Lands.

## REPORT OF CHIEF DRAINAGE ENGINEER.

Sir,—

I have the honour to submit my annual report on the areas proclaimed under the Swamp Drainage Act, 1915, and its amendments.

KAITAIA DRAINAGE AREA (61,430 ACRES), MANGONUI COUNTY.

Maintenance of completed works was the only work undertaken during the year. Drains and stop-banks were kept cleared and repaired, and some stone-work carried out at the Spillway intake to correct scour by flood-waters. No new work was done in the area except for drainage of the Kaitaia small farms.

Rainfall.—Rainfall and river-gauge readings were taken throughout the year as shown

on schedule hereunder:-

Rainfall and River-gauge Readings at Kaitaia for Year ending 31st March, 1936.

	Month.			Rainfall (Inches).	Wet Days.	Highest Rainfall for Twenty-four Hours (Inches).	Kaitaia River-gauge, Wai- kuriki Bridge.	
							Highest.	Lowest.
	193	5.						
April				$6 \cdot 26$	13	$2 \cdot 12$	$64 \cdot 5$	53.6
May				$5 \cdot 78$	21	1.30	$59 \cdot 7$	54.5
June				$4 \cdot 60$	25	0.42	$61 \cdot 4$	$54 \cdot 9$
July				$7 \cdot 35$	16	2.05	$65 \cdot 8$	54.5
August				$5 \cdot 32$	17	1.60	$64 \cdot 2$	55.0
September				$11 \cdot 57$	19	$5 \cdot 29$	70.5	$53 \cdot 9$
October				$4 \cdot 66$	15	1.48	$61 \cdot 3$	53.5
November				$4 \cdot 29$	20	2.03	$65 \cdot 3$	$53 \cdot 7$
December				$4 \cdot 30$	5	$2 \cdot 33$	$69 \cdot 8$	$53 \cdot 6$
	193	6.	1					
January				12.08	14	2.59	$70 \cdot 5$	53.0
February				$6 \cdot 13$	11	4.56	$70 \cdot 8$	$53 \cdot 1$
March				$2 \cdot 08$	8	0.79	$59 \cdot 7$	$52 \cdot 6$
Tota's			$74 \cdot 42$	184	-			