

ACTUAL MILEAGES AND SIZES OF OVERHEAD CONDUCTORS IN USE AT 31ST MARCH, 1935.

Size of Conductors (S.W.G.).	Copper.		Aluminium.		Galvanized Steel.		Galvanized Iron.		Copperweld.		Steel-cored Aluminium.		(1) Bronze, and (2) Cadmium- copper.		Total Break- ages.
	Miles.	Break- ages.	Miles.	Break- ages.	Miles.	Break- ages.	Miles.	Break- ages.	Miles.	Break- ages.	Miles.	Break- ages.	Miles.	Break- ages.	
7/20 ..	6,726	470	..	..	1	..	..	..	..	..	..	..	..	..	470
7/18 ..	10,536	325	..	..	..	..	..	..	..	..	..	..	..	..	325
7/17 ..	2,338	21	..	..	..	..	..	..	..	..	..	..	..	..	21
7/16 ..	18,931	173	22	..	142	..	45	..	..	..	177	..	..	..	173
7/15 ..	164	1	18	..	..	..	..	..	..	..	123	..	..	..	1
7/14 ..	10,528	43	55	..	49	..	..	..	2	..	587	..	..	..	43
7/13 ..	1,050	..	..	..	4	..	..	..	..	..	..	..	..	..	..
7/12 ..	416	1	150	1	3	..	..	..	5	..	3	..	..	..	2
7/11 ..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..
7/10 ..	33	2	25	..	..	..	..	..	10	..	51	..	..	..	2
7/9 ..	79	..	15	..	5	..	..	..	..	..	..	..	..	..	..
7/8 ..	..	..	1	..	..	..	..	..	..	..	4	3	..	..	3
7/7 ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
19/18 ..	332	1	..	..	..	..	..	..	..	..	..	..	..	..	1
19/17 ..	588	10	..	..	..	..	..	..	..	..	..	..	..	..	10
19/16 ..	1,847	13	..	..	..	..	..	..	..	..	..	..	..	..	13
19/15 ..	168	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19/14 ..	590	1	..	..	..	..	..	..	..	..	..	..	..	..	1
19/13 ..	2,462	2	..	..	..	..	..	..	..	..	..	..	..	..	2
19/12 ..	565	..	..	..	2	..	..	..	..	..	..	..	..	..	..
19/10 ..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
37/16 ..	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37/15 ..	395	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37/14 ..	132	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37/13 ..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37/12 ..	77	..	..	..	..	..	..	..	..	..	246	..	..	..	..
66/13 ..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12 ..	2,749	112	..	..	2	..	101	1	12	..	..	..	..	..	113
11 ..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10 ..	10,246	483	..	..	376	..	318	1	426	2	..	..	30(1)	..	486
8 ..	12,769	295	..	..	3,165	122	6,698	66	1,140	1	..	..	..	..	484
7 ..	772	6	..	..	..	..	145	..	91	..	..	..	..	..	6
6 ..	306	1	..	..	60	..	17	..	208	..	..	..	..	..	1
4 ..	599	..	..	..	..	..	..	..	79	..	2	..	..	..	..
2 ..	66	..	..	..	..	..	..	..	..	..	..	..	..	..	..
0 ..	78	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2/0 ..	..	..	10	..	..	..	..	..	..	..	59	..	..	..	..
3/0 ..	..	..	..	..	..	..	..	..	..	..	986	..	..	..	..
3/13 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3/12 ..	91	1	28	..	..	..	..	..	..	..	..	..	..	..	1
3/11 ..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..
3/10 ..	24	..	10	..	..	..	..	..	..	..	..	..	..	..	..
3/9 ..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..
3/8 ..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..
4/16 ..	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4/14 ..	..	..	..	..	253	1	..	..	..	..	..	..	..	..	1
5/14 ..	..	..	..	..	207	..	..	..	..	..	..	..	..	..	..
2/10 ..	43	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6/-144 ..	..	..	..	..	..	..	..	..	..	..	19	..	..	..	..
7/-186 ..	..	..	..	..	..	..	..	..	..	..	41	..	..	..	..
7/-136 ..	39	..	164	..	..	..	..	..	..	..	..	..	..	..	..
7/-0834 ..	..	..	..	..	..	..	..	..	..	..	29	..	..	..	..
7/-0743 ..	..	..	..	..	..	..	..	..	..	..	52	11	..	..	11
7/-112 ..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..
1/-112 ..	..	..	..	..	..	..	..	..	..	..	..	284(2)	9	..	9
Miscellaneous ..	93	24	1	..	..	..	3	1	2	..	..	..	..	..	25
Totals ..	85,923	1,985	529	1	4,269	123	7,327	69	1,975	3	2,381	14	314	9	2,204

Grand total, 102,718 miles.

No returns received from Auckland, Christchurch, and Heathcote.

ELECTRICAL SUPPLY AND ELECTRICAL WIRING REGULATIONS.

The Electrical Supply and Electrical Wiring Regulations, which were gazetted in 1927, with the intention of revising same after two years' trial, occupied the attention of the Regulations Advisory Committee throughout the year. This revision has now been completed, and the new regulations have been submitted to the Executive Council for signing by His Excellency the Governor-General.

INSPECTION OF ELECTRIC LINES, ALSO PRIVATE GENERATING-PLANTS.

The annual departmental inspection of the electric lines in operation was carried out in the case of eighty-six supply authorities last year, and any defects or breaches of the regulations which came under notice were duly notified to the supply authorities concerned. These inspection activities of the Department undoubtedly tend towards the maintaining of a high standard, and the general willingness on the part of the supply authorities to co-operate in a general observance of the regulations governing such matters is of great assistance to this Department.