PROVISIONAL TIME SIGNAL CORRECTIONS: 1934 OCTOBER.

1. Provisional corrections to wireless time signals transmitted from ZMO, through radio station ZLW, on a wave-length of 600 metres. Also to the 10:30 signals transmitted through stations 2YA and 3YA, on wave-lengths of 526 and 416 metres respectively.

2. Corrections to Wellington General Post Office Clock, as compared with the Dominion Observatory Signal Clock, daily, except Saturdays, Sundays and Government Holidays.

A positive correction (+) indicates clock slow.
A negative correction (-) indicates clock fast.

The wireless time signals on which the corrections are based are indicated as follows:-

LSD = Monte Grande Short-wave Time Signal.
DFY = Neuen Long-wave " "
NPM = Honolulu " " " "
NAA = Washington Short-wave " "
8ZW = Zikawei " " " "

Date 1934 OCT.	Correction to ZMO signal at 10h 30m NZMT	Correction to ZMO signal at 20h 30m NZMT	Signal on which Correction based 10:30	20:30	Correction to GPO Clock at 14h 30m NZMT
1	0.00 sec.		NPM		+ 2 sec.
2	+0.14	-0.04 sec.	NAA,NPM	NAA	
3	-0.08		NAA,DFY		0
4	+0.06		NAA,DFY		0
5	+0.12	+0.10	NAA,LSD	NAA	0
6	+0.29		NAA		
7	+0.13		NAA		
8	+0.20		NAA,DFY		+ 2
9	+0.08	-0.02	NAA,LSD	NAA	
10	-0.15		NAA,LSD		0
11	-0.01		NAA,LSD		+ 0.5
12	∓0.03	+0.06	NAA,LSD	NAA	+ 1
13	-0.01		NAA		
14	-0.06		NAA		
15	+0.07		NAA		- 0.5
16	+0.09	+0.09	8ZW	NAA	
17	+0.10		NAA		0
18	+0.17		NAA		0
19	0.00	+0.01	NAA	NAA	
20	+0.01		NAA		
21	-0.06		NAA		
22	-0.12		NAA		
23	+0.13	+0.15	NAA	NAA	
24	+0.07		NAA		+ 1.5
25	-0.04		NAA		+ 2
26	-0.02	+0.12	NAA	NAA	- 0.5
27	+0.10		NAA		
28	-0.07		LSD		
29	-0.02		NAA		+ 0.5
30	+0.02	+0.07	NAA	NAA	
31	+0.13		NAA		

N.Z.M.T. is 11h 30m in advance of G.M.T.

MAGNETIC OBSERVATORY, CHRISTCHURCH.
PROVISIONAL EARTHQUAKE BULLETIN, OCTOBER, 1934

DATE 1934	PHASE	G.M.T.	DISTANCE - REMARKS. DEGREES.
Oct.1d	eN	21.50.58	Pulsations from near shock.
	eEZ	51.10	
2d	ePN?	00.06.47	16.2?
	SNE?	9.55	
2d	PNEZ?	00.39.39	16.4? In microseisms.
	SNEZ?	42.49	
	LNE	44.09	
	MNE?	45.25	
4d	PE	8.06.53	Z defective
	LNE	27.58	
	MNE	31.18	
5d	eNEZ	21.26.12	Pulsations.
	eNEZ	27.05	Longer period and larger amplitudes.
	NEZ	27.22	Pulsations cease.
	eMZ?	27.58	
	iEZ	29.54	Regular, 18 second period.
6d	eNEZ	5.47.37	24 second period waves.
19d	eNEZ	10.23.41	A train of shallow waves.
10d	iPNEZ	15.46.11	Deep? 12.0, small on E.
	iNEZ	46.18	Large on NZ.
	eSNEZ	48.37	Sihusoidal, 18 second period, large on N
	iNEZ	48.45	A very large wave.
10d	iPNEZ?	15.49.26	Very rapid waves from larger shock superimposed on earlier shock?
14d	eNEZ	12.18.30	Pulsations.
	eMNEZ	21.25	
18d	PNEZ?	7.56.03	23.3? In very large microseisms
	SNEZ?	8.00.16	
	MZ	04.50	
23d	eNE	12.54.56	Shallow waves.
	eZ	13.00.14	" "
24d	ePN	6.05.37	29.4
	SNEZ	10.36	
	eLNE	13.37	
	eMNEZ	15.42	
25d	eZ	5.56.35	Followed by train of shallow long period waves
25d	iPNEZ	10.26.30	Small in E.
	LNE	29.06	
	eMZ	30.18	
25d	ePZ	11.06.34	Pulsations. Felt North Island.
	eNE	06.46	
	iNEZ	7.46	Abrupt change to larger amplitudes.
26d	eNE	13.43.22	Shallow waves.
	iNZ	44.29	Encreased amplitude.
	eZ	45.34	Longer period.
26d	iEZ	14.55.21	Small impulse in microseisms
	iNEZ	15.00.04	Sudden increase in period and amplitude

DATE	PHASE	G.M.T.	DISTANCE - DEGREES.	REMARKS.
1934				
Oct.26d	eNE	03.21		Shallow long period.
	iZ	03.34		do
	eNE	07.21		Followed by longer period shallow waves.
26d	iPNE	17.23.26	72.6	
	SNEZ	32.55		
	PSNEZ	33.29		
	SR1NZ	37.41		
	LNE	46.44		
	MNZ	52.28		
27d	ePNE	2.07.40		Z defective.
	eNE	11.10		Shallow, 18 second period.
27d	PN?	10.04.48		29.4? In microseisms. Z defective.
	eSNE	09.49		
	iNE	10.35		
	LNE	14.27		
	MNE	16.47		