# RIVERVIEW COLLEGE OBSERVATORY

# SEISMOLOGICAL BULLETIN

1956

JANUARY - DECEMBER .




RIVERVIEW, SYDNEY, AUSTRALIA

The symbol V after a phase indicates that the reading is from the Sprengnether; other readings are from the Galitzins.

Jeffrey's & Bullen's Tables (1948) are used.

The amplitudes of initial impulses on the Galitzins are computed by Galitzin's method.

# RIVERVIEW COLLEGE OBSERVATO

## Bulletins and Publications received January-December, 1957.

Adelie Land.....1957 August, September.
Algiers.....1954 January-August, 1956 August-December; 1957 Jan.-May P
Apia.....1956 July-1957 September Preliminary.
Azores.....1956 July-1957 June.
Barcelona.....1954
Beograd.....1956 March-July,October-December, 1957 January-May.
Bermuda-C.....1956 October-December.
Bratislava.....1956 December-1957 October Preliminary.
Brebeuf(Montreal).....1956 April-1957 June.
Brisbane.....1956 December 19-1957 December 22 Provisional.
Bucarest.....1956 August-1957 September Provisional.
Budapest.....1955 Rapport Micro. 1956 January-July, Sept.,Oct.
California (University)1954 January-1955 June.
Canada.....1955,1956.
Charters Towers.....1957 Sept.15-Dec.14 Provisional.
Cheb.....1956 April-November, 1957 January-May Preliminary.
Chile.....1956 July-1957 June.
Cleveland.....1956 September, October.
Coimbra.....1957 January, February.
De Bilt.....1950. 1956 August-1957 July Preliminary.
Ebro.....1956 October, December, 1957 January Provisional.
Fayetteville.....1956 July-1957 June.
Fordham.....1956 November, December.
Helwan.....1948
Hong Kong.....1956 June-1957 February.
Hurbanovo.....1956 May,June,December, 1957 January-June Preliminary.
India.....1953 November-1954 February.
I.S.S. .....1948
Istanbul (Tech.Univ.)..1956 June, July, 1957 January.
(Cine).....1956 June, July, 1957 January.
J.M.A. .....1956 April-1957 February.
Jerusalem.....1956 August-1957 July.
J.S.A. .....1956 *2 1-8, *3 1.4, *4 1-3, *5 1-4, *6 1-8, *7 1-7, *8 1-6
*9 1-6,*10 1-12,*11 1-6,*12 1-12; 1957 *1 1-11
Kalocsa.....1956 January-October.
Kecskemet.....1956 January-October.
Kew.....1956 October-1957 September.
Kiruna.....1955
Kobenhavn.....1955
Ksara.....1956 July-1957 August Provisional. Annales 1956 Jan.-Sept.
Kyoto (Abuyama).....1956
La Paz.....1953
La Plata.....1952
Lisboa.....1956 September-1957June.
Lwiro.....1956 November-1957 August, October, November Preliminary.
Macquarie Island.....1956 January-November. 1956 June-October, 1957 Jan.-Nov.Pr
Malaga.....1956 January-1957 February.
Manila (Baguio).....1956 November-1957 October.
Martinique.....1957 May-November.
Melbourne.....1956 June-1957 October Provisional.
Mizusawa.....1948,1954,1955.
Noumea.....1956 August-1957 September Preliminary.
Osaka.....1956
Palisades.....1956
Pasadena.....1955 September-December. Prelim.No.88,89. Local shocks
1956 July-1957 June. Provis.(by air) 1956 Dec.18-
1957 Dec.20.
Pennsylvania.....1954,1955.
Perth.....1956 October-1957 September.
Pittsburgh.....1956
Praha.....1956 May-1957 June Preliminary.
Quetta.....1956 July, October-December, 1957 January, February.
Rabaul.....1956 December, 1957 February-December Provisional.
Tremors reported 1956 November-1957 November.
Rathfarnham.....1956 July-December.
Relizane.....1956 August-December. 1957 January-May Preliminary.
Reykjavik.....1956. 1957 July, August Preliminary.
Rome.....1956 June-September, 1957 January-June.
Santa Clara.....1956 July-1957 June.
Scoresby-Sund.....1952
Skalnate Pleso.....1956 May, June, December, 1957 January-June Preliminary.
Sofia.....1949-1953.

Strasbourg B.C.I.S.....1956 June-1957 March 10.
I.P.G.....1956 October-1957 September.
Switzerland.....1955
Szeged.....1956 January-July.
Taiwan.....1956 January-June.
Tamanrasset.....1954 January-August, 1956 August-December. 1957 Jan.-May I
Tananarive.....1956 January-September.
Timisoara.....1950 June-1955 December. 1956 January-June Provisional.
Toledo.....1956 September-1957 September. 1956 October-1957 July Pro
Tsukuba & Hongo.....1956 May-August, 1957 January-August.
U.S.C.G.S. .....1956 September-1957 June. Cards 1956 nos.102-107, 1957 1-1
Data sheets 1956 December 9-1957 December 16.
U.S.S.R. .....1955 April-December.
U.S.S.R. (Ukraine).....1954 January-December.
Vienna.....1956 August-1957 June.
Warsaw.....1950. 1956 September-1957 September.
Zagreb.....1955.

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# Riverview College Observatory

## RIVERVIEW, N.S.W.

## SEISMOLOGICAL BULLETIN

$\Phi = 33° 49' 46''$ S. $\lambda = 151° 9' 30''$ E. h = 25m. Foundation : Triassic Sandstone.

INSTRUMENTS :

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. Gailitzin Aperiodic Seismometer with Galvanometer registration (NS, EW, Vert)
5. Sprengnether Vertical.

| | | V | $T_o$ | $\epsilon : 1$ | $\frac{r}{T_o^2}$ | | $T_1$ (Galv.) | T (Pend) | $\mu^2$ | $V_s$ |
|---|---|---|---|---|---|---|---|---|---|---|
| N | 1 | | | | | 4 | 11.7 | 12.1 | +0.02 | 560 |
| | 3 | 155 | 8.6 | 5.3 | 0.023 | | | | | |
| E | 1 | | | | | 4 | 12.3 | 12.2 | +0.08 | 490 |
| | 3 | 151 | 8.5 | 5.2 | 0.014 | | | | | |
| Z | 2 | | | | | 4 | 10.9 | 10.6 | +0.1 | 460 |
| | | | | | | 5 | 1.6 | 1.6 | | |

| No. | Date | Phase | Time (G.M.T.) h. m. s. | Per s. | Amplitude $A_N$ μ | $A_E$ μ | $A_Z$ μ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | | | | | | | |
| 1 | Jan. 1 | iPNZ | 23 15 03 | 3 | +7 | | -11 | 34°0 | Dilatation |
| | | iE | 15 05 | 3 | | +6 | | | h 0.03 |
| | | iN | 16 16 | 3 | +3 | | | | H 23 08 39 |
| | | iPPNZ | 16 23 | 3 | +5 | | -7 | | |
| | | iE | 16 25 | 4 | | +5 | | | |
| | | iN | 16 32 | 4 | +6 | | | | |
| | | i(sPP)NZ | 17 17 | 4 | +4 | | -5 | | |
| | | iN | 18 48 | 3 | +5 | | | | |
| | | iSN | 20 11 | 4 | +10 | | | | |
| | | iN | 21 56 | 5 | +7 | | | | |
| | | iN | 22 21 | 4 | +10 | | | | |
| | | iE | 22 27 | 4 | | +12 | | | |
| | | iN | 22 36 | 4 | +6 | | | | |
| | | iSSE | 22 39 | 5 | | -(14) | | | |
| | | iSSZ | 22 41 | 4 | | | +8 | | |
| | | i(SSS)N | 23 17 | 4 | +19 | | | | |
| | | iZ | 23 32 | 4 | | | +10 | | |
| | | iN | 23 38 | 3 | +14 | | | | |
| | | iN | 23 50 | 3 | -14 | | | | |
| 3 | 4 | iPZ | 14 21 31 | 3 | | | +2 | | Compression |
| | | i(S)N | 26 13 | 4 | -2 | | | | Masked by micro- |
| | | eLE | 30.3 | 18 | | | | | seisms. |
| | | iE | 33 05 | 4 | | -2 | | | |
| 4 | 5 | (iP)Z | 01 07 57 | 3 | | | +2 | | Compression. Masked |
| | | eLN | 41.3 | 18 | | | | | by microseisms. |
| 5 | 8 | i(PKP)V | 7 29 50 | 1 | | | + | | Compression |
| | | e(PP)Z | 31 22 | | | | | | |
| | | eSKSE | 36 59 | 5 | | | | | |
| | | eN | 37 19 | | | | | | |
| | | ePSE | 40 54 | 16 | | | | | |
| | | eSSE | 47 25 | 19 | | | | | |
| | | eN | 50 39 | 12 | | | | | |
| | | eE | 51 20 | 16 | | | | | |
| | | eLREZ | 08 04.8 | 30 | | | | | |
| | | MZ | 09.4 | 19 | | | 1 | | |
| | | ME | 10.1 | 19 | | 2 | | | |
| | | MN | 12.2 | 19 | 2 | | | | |
| 6 | 8 | iV | 18 52 57 | 1½ | | | + | | Compression |
| | | eZ | 52 57 | | | | | | |
| | | eE | 57 27 | | | | | | |
| | | eN | 58 03 | | | | | | |
| | | ME | 19 02.1 | 14 | | 1 | | | |
| | | MN | 04.4 | 15 | 1 | | | | |
| | | MZ | 04.5 | 15 | | | 1 | | |

1956, January.
RIVERVIEW COLLEGE OBSERVATORY,
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 7 | Jan. 8 | $e_Z$ | 21 09 21 | | | | | 114° | |
| | | $iPP_Z$ | 13 55 | 4 | | | -4 | | Dilatation |
| | | $i_Z$ | 14 07 | 4 | | | -5 | | H 20 54 15 |
| | | $i(SKS)_N$ | 19 33 | 4 | +2 | | | | |
| | | $iSKS_N$ | 19 43 | 5 | +2 | | | | |
| | | $i_N$ | 20 02 | 5 | -2 | | | | |
| | | $iSKKS_N$ | 20 50 | 5 | -1 | | | | |
| | | $i_{NE}$ | 20 53 | 6 | +3 | -2 | | | |
| | | $i_N$ | 21 12 | 5 | -2 | | | | |
| | | $e(S)_E$ | 21 38 | 9 | | | | | |
| | | $i_N$ | 21 42 | 5 | +2 | | | | |
| | | $i_N$ | 21 59 | 5 | -3 | | | | |
| | | $ePS_N$ | 23 28 | 12 | | | | | |
| | | $i_Z$ | 23 38 | 6 | | | +4 | | |
| | | $i_E$ | 23 46 | 7 | | +4 | | | |
| | | $i_Z$ | 23 51 | 7 | | | +9 | | |
| | | $eSS_E$ | 29 49 | 18 | | | | | |
| | | $e_N$ | 30 29 | 13 | | | | | |
| | | $eSSS_N$ | 34 05 | 18 | | | | | |
| | | $eLQ_N$ | 42.2 | 30 | | | | | |
| | | $eLR_Z$ | 47.4 | 30 | | | | | |
| | | $eLR_E$ | 47.6 | 27 | | | | | |
| | | MEZ | 56.4 | 18 | | 3 | 4 | | |
| | | MN | 57.7 | 17 | 3 | | | | |
| 8 | 9 | $iP_Z$ | 12 10 49 | 3 | | | -2 | 26°5 | Dilatation |
| | | $i_{NEZ}$ | 10 52 | 3 | +2 | +6 | -13 | | h 0.08 |
| | | $i_Z$ | 10 56 | 3 | | | -11 | | H 12 05 53 |
| | | $i(pP)_Z$ | 12 16 | 3 | | | -4 | | |
| | | $i_N$ | 13 37 | 4 | +3 | | | | Confused by follow- |
| | | $iS_N$ | 14 46 | 4 | +6 | | | | ing shock, |
| | | $iS_E$ | 14 47 | 4 | | +32 | | | |
| | | $i_N$ | 14 52 | 5 | +18 | | | | |
| | | $i_E$ | 14 54 | 8 | | +80 | | | |
| | | $i_E$ | 15 33 | 4 | | +15 | | | |
| | | $i_E$ | 15 55 | 3 | | +11 | | | |
| | | $iScS_N$ | 20 32 | 4 | +11 | | | | |
| | | $iScS_E$ | 20 33 | 4 | | +15 | | | |
| 9 | 9 | $iP_Z$ | 12 13 38 | 4 | | | +19 | 27°4 | Compression |
| | | $iP_E$ | 13 39 | 4 | | -12 | | | h 0.05 ca., |
| | | mNEZ | 13 43 | 5 | 5 | 21 | 31 | | H 12 08 22 |
| | | $i_E$ | 14 01 | 4 | | +15 | | | |
| | | $i_Z$ | 14 03 | 3 | | | +11 | | Confused by preced- |
| | | $i_N$ | 14 07 | 5 | -15 | | | | ing shock, |
| | | $i_E$ | 14 12 | 4 | | +20 | | | |
| | | $iPP_Z$ | 14 44 | 4 | | | -19 | | |
| | | $iS_N$ | 17 51 | 5 | +12 | | | | |
| | | $iS_E$ | 17 53 | 5 | | -7 | | | |
| | | mNE | 17 58 | 6 | 23 | 14 | | | |
| | | $i_N$ | 18 11 | 6 | +36 | | | | |
| | | $i_N$ | 20 06 | 6 | +15 | | | | |
| 10 | 9 | $iP_Z$ | 12 20 29 | 3 | | | +3 | (27°5) | Compression |
| | | $iS_E$ | 24 45 | 7 | | -11 | | | Deep focus? Confused |
| | | $i_N$ | 24 48 | 7 | -13 | | | | by nos. 8&9. |
| 11 | 10 | $ePE_Z$ | 08 58 48 | | | | | 29°5 | H 08 52 40 |
| | | $iE_Z$ | 58 55 | 4 | | +7 | -6 | | Preliminaries super- |
| | | $iE_Z$ | 59 24 | 6 | | -12 | +18 | | imposed on waves of |
| | | $i_E$ | 59 32 | 7 | | +16 | | | 20s period. |
| | | $i_E$ | 59 54 | 5 | | +21 | | | |
| | | $i_Z$ | 09 00 02 | 5 | | | -14 | | |
| | | $iE_Z$ | 00 09 | 5 | | + | -22 | | |
| | | $i_E$ | 00 15 | 5 | | +32 | | | |
| | | $i_Z$ | 00 16 | 4 | | | +13 | | |
| | | $i_Z$ | 00 27 | 5 | | | +8 | | |
| | | $i_E$ | 00 38 | 5 | | +19 | | | |
| | | $i_Z$ | 00 39 | 5 | | | +20 | | |
| | | $i_E$ | 00 54 | 6 | | -11 | | | |
| | | $i_E$ | 01 11 | 6 | | +18 | | | |

Continued on next page.

RIVERVIEW COLLEGE OBSERVATORY,
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 11 cont. | Jan.10 | $i_E$ | 09 01 38 | 6 | | +38 | | | |
| | | $i_E$ | 01 50 | 7 | | +27 | | | |
| | | $i_E$ | 02 15 | 6 | | -12 | | | |
| | | $i_E$ | 03 01 | 6 | | -17 | | | |
| | | $iS_E$ | 03 42 | 11 | | +40 | | | |
| | | $eNZ$ | 03 50 | 27 | | | | | |
| | | $i_E$ | 04 13 | 6 | | +11 | | | |
| | | $i_E$ | 04 59 | 6 | | +42 | | | |
| | | $eL_E$ | 05.4 | 30 | | | | | |
| | | $i_E$ | 05 55 | 12 | | -48 | | | |
| | | MN | 06.8 | 20 | 230ca | | | | |
| | | $iME Z$ | 07 41 | 13 | | +130 | +45 | | |
| | | MEZ | 09.2 | 19 | | 360 | 260+ | | |
| | | F | 13.3 | | | | | | |
| 12 | 10 | $(iP)_V$ | 09 33 33 | 1½ | | | + | | Compression |
| 16 | 11 | $iP_Z$ | 05 44 41 | 2 | | | -2 | 21°ca. | Dilatation |
| | | $i_{EZ}$ | 44 45 | 2 | | -1 | +2 | | h 0.025 ca. |
| | | $i(PP)_Z$ | 45 14 | 4 | | | +2 | | |
| | | $i_Z$ | 45 43 | 4 | | | +3 | | |
| | | $iS_{NE}$ | 48 18 | 4 | +1 | -2 | | | |
| | | $i_E$ | 48 29 | 4 | | -2 | | | |
| | | $i_E$ | 49 43 | 4 | | +2 | | | |
| 17 | 11 | $eP_Z$ | 06 21 12 | | | | | 68°7 | H 06 10 05 |
| | | $iPcP_Z$ | 21 37 | 3 | | | +2 | | Compression |
| | | $eS_E$ | 30 15 | | | | | | |
| | | $iPS_E$ | 30 39 | 5 | | +2 | | | |
| | | $e_E$ | 34 18 | | | | | | |
| | | $eSSS_E$ | 37 48 | 18 | | | | | |
| | | $eLR_N$ | 42.1 | 30 | | | | | |
| | | MN | 47.9 | 16 | 3 | | | | |
| | | MEZ | 54.2 | 20 | 15 | 6 | | | |
| 18 | 11 | $iP_Z$ | 06 49 42 | 2 | | | +1 | | Compression. |
| | | $i(pP)_Z$ | 50 32 | 3 | | | +3 | | |
| 19 | 11 | $(iP)_V$ | 10 51 02 | 1½ | | | + | | Compression |
| | | $e_E$ | 56 24 | | | | | | |
| | | $eL_N$ | 59.1 | 20 | | | | | |
| | | $eL_E$ | 59.7 | | | | | | |
| | | ME | 11 01.9 | 16 | | 4 | | | |
| | | MZ | 02.3 | 16 | | | 2 | | |
| | | MN | 03.0 | 12 | 2 | | | | |
| 20 | 11 | $iP_V$ | 12 00 50 | 1 | | | + | | Compression |
| | | $ipP_V$ | 01 13 | 1 | | | + | | |
| | | $eL_E$ | 06.9 | 20 | | | | | |
| | | ME | 10.6 | 11 | | 2 | | | |
| 21 | 11 | $eS_{NE}$ | 20 40 35 | | | | | | |
| | | $eLR_E$ | 42.1 | 27 | | | | | |
| | | ME | 44.5 | 16 | | 2 | | | |
| | | MN | 44.8 | 13 | 1 | | | | |
| 22 | 11 | $(iP)_V$ | 21 16 43 | 1½ | | | + | | Compression |
| | | $eS_E$ | 21 08 | | | | | | |
| | | $e_E$ | 22 24 | 14 | | | | | |
| | | $eL_N$ | 24.1 | 16 | | | | | |
| | | ME | 26.7 | 11 | | 3 | | | |
| | | MN | 27.6 | 11 | 1 | | | | |
| 23 | 12 | $i(PP)_V$ | 02 27 20 | 1½ | | | - | | Dilatation |
| | | $iV$ | 27 24 | 1½ | | | + | | |
| | | $e_E$ | 30 31 | | | | | | |
| | | $eL_E$ | 33.9 | | | | | | |
| | | ME | 38.5 | 16 | | 1 | | | |
| 25 | 12 | $e(PP)_{EZ}$ | 06 08 30 | | | | | | |
| | | $i_Z$ | 09 00 | 4 | | | +2 | | |
| | | $eL_E$ | 15.7 | 22 | | | | | |
| 26 | 12 | $e(P)_Z$ | 06 13 35 | | | | | | Masked by coda of 25 |
| | | $eL_E$ | 25.1 | 22 | | | | | |
| | | ME | 26.7 | 16 | | 1 | | | |
| | | $i(ScS)_E$ | 27 14 | 4 | | +3 | | | |
| | | MN | 27.6 | 12 | 1 | | | | |

1956, January.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.



| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 28 | Jan.12 | (i)$_V$ | 12 49 51 | 1½ | | | | | Masked by micro-seisms. |
| | | e(S)$_{NE}$ | 54 44 | 8 | | | | | |
| | | i(SS)$_N$ | 55 36 | 7 | +3 | | | | |
| | | eL$_E$ | 56.6 | 24 | | | | | |
| | | MNE | 58.5 | 15 | 1 | 1 | | | |
| 30 | 13 | eV | 00 50 54 | | | | | | |
| | | eL$_E$ | 01 01.8 | 18 | | | | | |
| 31 | 13 | iN | 02 33 07 | 4 | +1 | | | | |
| | | iN | 34 24 | 4 | -1 | | | | |
| | | iE | 34 35 | 4 | | +2 | | | |
| | | eL$_E$ | 37.0 | 19 | | | | | |
| 33 | 13 | i(S)$_N$ | 03 51 27 | 7 | -2 | | | | |
| | | iN | 51 58 | 5 | +3 | | | | |
| | | i(PPS)$_N$ | 53 12 | 5 | +2 | | | | |
| 34 | 13 | iP$_{EZ}$ | 06 19 47 | 4 | | +3 | -2 | 15°.4 | Dilatation |
| | | iZ | 19 52 | 4 | | | +3 | | |
| | | iEZ | 19 57 | 4 | | -5 | +6 | | |
| | | iZ | 20 04 | 4 | | | -4 | | |
| | | iE | 20 05 | 4 | | +5 | | | |
| | | iZ | 20 14 | 4 | | | +5 | | |
| | | iN | 20 21 | 4 | +2 | | | | |
| | | iE | 20 25 | 4 | | +4 | | | |
| | | eS$_N$ | 22 39 | 6 | | | | | |
| | | iZ | 22 51 | 4 | | | -2 | | |
| | | iN | 22 55 | 6 | +12 | | | | |
| | | iE | 22 58 | 6 | | -12 | | | |
| | | iZ | 22 59 | 5 | | | -5 | | |
| | | iN | 23 03 | 6 | -17 | | | | |
| | | eLR$_E$ | 23.2 | 21 | | | | | |
| | | eLR$_N$ | 23.3 | 19 | | | | | |
| | | ME | 24.8 | 13 | | 13 | | | |
| | | MNZ | 25.2 | 13 | 75± | | 6 | | |
| 35 | 13 | eE | 12 23 53 | | | | | | |
| | | eL$_E$ | 27.1 | 22 | | | | | |
| 36 | 14 | iZ | 14 22 06 | 4 | | | +2 | | Compression. Masked by microseisms. |
| | | eSKKS$_N$ | 32 22 | 7 | | | | | |
| | | eE | 32 27 | | | | | | |
| | | iScS$_N$ | 32 39 | 4 | +1 | | | | |
| | | eE | 32 43 | 10 | | | | | |
| | | eN | 32 51 | 8 | | | | | |
| | | eE | 33 23 | 9 | | | | | |
| | | iN | 33 24 | 7 | +3 | | | | |
| | | eSS$_E$ | 38 42 | 16 | | | | | |
| | | eSSS$_E$ | 42 20 | 16 | | | | | |
| | | eLQ$_E$ | 45.6 | 24 | | | | | |
| | | eLR$_E$ | 50.4 | 20 | | | | | |
| | | MN | 56.9 | 19 | 1 | | | | |
| | | ME | 59.3 | 19 | | 1 | | | |
| | 14 | (i)$_V$ | 21 46 53 | 1½ | | | + | | Compression |
| 39 | 15 | e(PP)$_E$ | 10 23 53 | | | | | | |
| | | eE | 28 18 | | | | | | |
| | | eLR$_E$ | 31.5 | 24 | | | | | |
| | | MN | 34.0 | 12 | 1 | | | | |
| | | ME | 35.5 | 15 | | 1 | | | |
| 40 | 15 | eEZ | 18 48 56 | | | | | | |
| | | e(S)$_E$ | 53 12 | | | | | | |
| | | eLR$_N$ | 55.9 | 18 | | | | | |
| | | ME | 19 00.0 | 16 | | 2 | | | |
| | | MN | 00.9 | 11 | 2 | | | | |
| 41 | 16 | (eP)Z | 02 06 19 | | | | | | |
| | | i(S)$_N$ | 11 00 | 4 | -1 | | | | |
| | | eE | 11 20 | 10 | | | | | |
| | | i(sS)$_N$ | 11 25 | 4 | -1 | | | | |
| | | eNE | 12 17 | 12 | | | | | |
| | | eL$_E$ | 14.7 | 21 | | | | | |
| | | eL$_N$ | 15.0 | 24 | | | | | |
| | | ME | 17.2 | 16 | | 2 | | | |
| | | MN | 17.5 | 18 | 1 | | | | |

1956, January.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 42 | Jan.16 | $iPP_{EZ}$ | 23 58 10 | 4 | | -2 | -5 | 121°ca | Dilatation |
| | | $iSKS_E$ | 24 03 33 | 7 | | +5 | | | |
| | | $i_N$ | 03 37 | 6 | +6 | | | | |
| | | $iSKKS_E$ | 04 56 | 7 | | +3 | | | |
| | | $iSKKKS_E$ | 05 04 | 8 | | +16 | | | |
| | | $i_E$ | 05 21 | 9 | | +12 | | | |
| | | $iPS_E$ | 07 57 | 12 | | +10 | | | |
| | | $i_{NZ}$ | 08 05 | 9 | +6 | | | | |
| | | $i_E$ | 08 15 | 12 | | +23 | | | |
| | | $i_N$ | 08 24 | 9 | +7 | | | | |
| | | $i_E$ | 09 04 | 10 | | +12 | | | |
| | | $e_E$ | 09 43 | 13 | | | | | |
| | | $iSS_E$ | 14 41 | 10 | | +11 | | | |
| | | $iSS_N$ | 14 44 | 7 | +7 | | | | |
| | | $iSSP_E$ | 14 57 | 13 | | +13 | | | |
| | | $eLQ_N$ | 28.3 | 33 | | | | | |
| | | $eLRE_Z$ | 34.0 | 37 | | | | | |
| | | $MNE_Z$ | 37.6 | 20 | 19 | 57 | 27 | | |
| 43 | 17 | $eSKS_N$ | 08 25 31 | | | | | | |
| | | $iS_N$ | 25 55 | 4 | +1 | | | | |
| | | $e_N$ | 26 57 | 9 | | | | | |
| | | $eSS_N$ | 32 45 | 15 | | | | | |
| | | $eLR_E$ | 46.6 | 24 | | | | | |
| | | $ME$ | 50.4 | 21 | | 2 | | | |
| 44 | 17 | $(eP)_Z$ | 19 05 24 | | | | | | |
| | | $iS_N$ | 09 37 | 4 | -1 | | | | |
| | | $i_N$ | 09 43 | 4 | -1 | | | | |
| | | $i_E$ | 09 46 | 4 | | +1 | | | |
| | | $iSS_N$ | 10 25 | 4 | -1 | | | | |
| | | $cL_E$ | 11.8 | 24 | | | | | |
| | | $MNE$ | 14.0 | 15 | 1 | 1 | | | |
| 45 | 18 | $e(PS)_N$ | 08 35 50 | | | | | | |
| | | $eLR_E$ | 58.7 | 22 | | | | | |
| 47 | 20 | $(ipP)_Z$ | 23 29 58 | 3 | | | +4 | | Compression. |
| | | $(i)_Z$ | 30 41 | 3 | | | +5 | | Obscured by very |
| | | $(i)_N$ | 34 12 | 4 | +3 | | | | large microseisms. |
| 49 | 21 | $(iP)_V$ | 13 45 05 | 1 | | | + | | Very large micros. |
| 50 | 23 | $(iP)_V$ | 04 00 24 | 1½ | | | + | (90°8) | Compression |
| | | $iS_E$ | 11 13 | 4 | | +3 | | | h 0.005 ca. |
| | | $i_E$ | 11 21 | 4 | | +3 | | | H 03 47 27? |
| | | $isS_E$ | 11 44 | 5 | | +3 | | | P masked by micro- |
| | | $eL_E$ | 24.1 | | | | | | seisms. |
| | | $ME$ | 34.0 | 20 | | 1 | | | |
| 51 | 23 | $iP_Z$ | 07 44 04 | 3 | | | +2 | | Compression. |
| 52 | 24 | $(iP)_V$ | 08 11 54 | 2 | | | + | | Compression. Obscure |
| | | $eL_E$ | 21.6 | 20 | | | | | by microseisms. |
| | | $ME$ | 23.6 | 16 | | 1 | | | |
| 53 | 24 | $e(S)_E$ | 08 58 27 | 10 | | | | | Obscured by micro- |
| | | $i_N$ | 58 28 | 6 | +3 | | | | siesms. |
| | | $i_N$ | 58 38 | 6 | +3 | | | | |
| | | $eL_E$ | 09 00.9 | 18 | | | | | |
| | | $ME$ | 02.5 | 13 | | 1 | | | |
| 55 | 25 | $(iP)_V$ | 10 53 38 | 1½ | | | + | | Compression. |
| | | $(iPP)_V$ | 54 44 | 1½ | | | + | | Masked by microseism |
| | | $i(S)_E$ | 58 44 | 4 | | +2 | | | |
| | | $i_E$ | 59 33 | 4 | | +2 | | | |
| | | $eLR_{EZ}$ | 11 01.7 | 27 | | | | | |
| | | $MEZ$ | 05.2 | 16 | | 6 | 4 | | |
| | | $MN$ | 06.0 | 13 | 3 | | | | |
| 56 | 26 | $i(P)_Z$ | 10 31 47 | 3 | | | +2 | | Compression. Masked |
| | | $eL_E$ | 42.7 | 20 | | | | | by microseisms. |
| | | $MNE$ | 46.4 | 14 | 1 | 1 | | | |
| 57 | 26 | $iP_Z$ | 15 42 36 | 3 | | | +3 | 50°2 | Compression |
| | | $e(S)_E$ | 49 44 | 6 | | | | | H 15 33 36 |
| | | $iS_N$ | 49 48 | 5 | +3 | | | | |
| | | $eSS_E$ | 53 17 | 13 | | | | | |
| | | $eE$ | 54 49 | 12 | | | | | |
| | | $eLR_E$ | 56.8 | 15 | | | | | |

1956, January.
RIVERVIEW COLLEGE OBSERVATORY
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) h m s | Per. s | Amplitude $A_N$ μ | $A_E$ μ | $A_Z$ μ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | | | | | | | |
| 58 | Jan.27 | e(Pg)V | 13 22 56 | (½ | | | | | Small local shock. |
| | | i(Sg)N | 23 30 | ½ | -½* | | | | *From Mainka. |
| | | iNE | 23 37 | 1 | -2* | -2* | | | |
| 59 | 27 | iPZ | 13 44 51 | 3 | | | +3 | 29°6 | Compression |
| | | iZ | 45 27 | 3 | | | -3 | | H 13 38 42 |
| | | iPPZ | 45 49 | 4 | | | +2 | | |
| | | eE | 45 50 | 10 | | | | | |
| | | iE | 46 09 | 4 | | +3 | | | |
| | | iE | 46 20 | 4 | | +4 | | | |
| | | iZ | 46 42 | 5 | | | -4 | | |
| | | iE | 46 50 | 4 | | +5 | | | |
| | | iZ | 47 00 | 4 | | | +4 | | |
| | | iZ | 47 39 | 4 | | | -4 | | |
| | | iZ | 48 03 | 4 | | | -4 | | |
| | | iN | 48 31 | 4 | -2 | | | | |
| | | iE | 49 07 | 4 | | +3 | | | |
| | | iSE | 49 46 | 6 | | +4 | | | |
| | | eLN | 51.6 | 19 | | | | | |
| | | iN | 51 54 | 5 | -6 | | | | |
| | | MEZ | 56.7 | 16 | | 21 | 13 | | |
| | | MN | 57.0 | 12 | 19 | | | | |
| | | MZ | 59.0 | 15 | | | 17 | | |
| 60 | 27 | i(P)Z | 14 15 45 | 4 | | | +9 | | Compression |
| 61 | 28 | iPZ | 07 48 48 | 3 | | | +5 | | Compression |
| | | iZ | 49 06 | 3 | | | +4 | | Microseisms present. |
| | | iZ | 50 33 | 4 | | | +5 | | |
| | | iZ | 51 01 | 4 | | | -5 | | |
| | | iN | 51 50 | 4 | -3 | | | | |
| | | e(S)E | 53 44 | 6 | | | | | |
| | | iE | 53 56 | 5 | | +5 | | | |
| | | iN | 54 19 | 4 | +5 | | | | |
| | | iNE | 54 30 | 5 | +4 | +7 | | | |
| | | iE | 54 40 | 6 | | +9 | | | |
| | | iN | 54 53 | 4 | +6 | | | | |
| | | iE | 54 59 | 6 | | +6 | | | |
| | | iN | 55 06 | 5 | +7 | | | | |
| | | eLE | 55.8 | 32 | | | | | |
| | | iZ | 56 49 | 4 | | | +7 | | |
| | | MNE | 08 00.7 | 13 | 17 | 52 | | | |
| | | MZ | 01.9 | 15 | | | 17 | | |
| 62 | 28 | iE | 21 24 25 | 4 | | +4 | | | |
| | | iE | 24 35 | 4 | | +6 | | | |
| | | iN | 24 42 | 5 | -4 | | | | |
| | | eLN | 27.0 | 18 | | | | | |
| | | ME | 28.5 | 15 | | 2 | | | |
| | | MN | 29.3 | 12 | 1 | | | | |
| 65 | 29 | iZ | 22 32 03 | 3 | | | -2 | | Masked by microseism |
| | | iZ | 32 30 | 3 | | | +4 | | |
| | | eLE | 51.8 | ? | | | | | |
| 66 | 30 | ePEZ | 08 47 57 | | | | | 23°5 | h 0.00 |
| | | iN | 47 58 | 4 | +2 | | | | H 08 42 49 |
| | | iEZ | 48 02 | 5 | | +17 | -13 | | |
| | | ipPZ | 48 06 | 3 | | | +23 | | Compression |
| | | iE | 48 19 | 9 | | +35 | | | |
| | | iZ | 48 23 | 3 | | | +11 | | |
| | | iN | 48 27 | 4 | +7 | | | | |
| | | iPPZ | 48 30 | 5 | | | -18 | | |
| | | iE | 48 37 | 5 | | +17 | | | |
| | | iN | 48 38 | 4 | -8 | | | | |
| | | iPPPZ | 48 40 | 4 | | | +20 | | |
| | | iZ | 49 48 | 4 | | | -7 | | |
| | | iSE | 52 05 | 9 | | +57 | | | |
| | | iSN | 52 06 | 7 | +11 | | | | |
| | | iNZ | 52 11 | 9 | -67 | | -31 | | |
| | | i(sS)E | 52 17 | 10 | | +115 | | | |
| | | iZ | 52 50 | 6 | | | +26 | | |
| | | iSSN | 52 55 | 10 | +44 | | | | |
| | | eLE | 53.0 | 22 | | | | | |

(Continued on next page)

# RIVERVIEW COLLEGE OBSERVATORY
# SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 66 cont. | Jan.30 | $iSSS_N$ | 08 53 09 | 7 | -32 | | | | |
| | | $i_N$ | 53 26 | 8 | -33 | | | | |
| | | $eL_Z$ | 53.5 | 24 | | | | | |
| | | $i_E$ | 53 40 | 8 | | +58 | | | |
| | | $i_Z$ | 53 43 | 6 | | | +26 | | |
| | | $eL_N$ | 53.8 | 21 | | | | | |
| | | $iM_N$ | 54 18 | 13 | +90 | | | | |
| | | $iM_E$ | 54 28 | 12 | | -43 | | | |
| | | MEZ | 55.2 | 16 | | 110 | 56 | | |
| | | MN | 55.7 | 13 | 95ca | | | | |
| | | $iM_E$ | 56 49 | 11 | | +47 | | | |
| | | $iM_N$ | 56 55 | 11 | -80 | | | | |
| | | MN | 57.3 | 13 | 120ca | | | | |
| 69 | 30 | $(iP)_Z$ | 19 13 59 | 2 | | | +1 | | Compression. |
| | | $i_N$ | 17 38 | 4 | +2 | | | | Obscured by micro- |
| | | $i_E$ | 18 14 | 6 | | +3 | | | seisms. |
| | | $i_N$ | 18 33 | 4 | -1 | | | | |
| | | $i(ScS)_E$ | 24 12 | 4 | | +3 | | | |
| | | $i(ScS)_N$ | 24 13 | 4 | +3 | | | | |
| 70 | 31 | $iPV$ | 00 44 11 | 1 | | | - | | Dilatation |
| 71 | 31 | $iP_Z$ | 09 22 52 | 2 | | | -2 | 30°3 | Dilatation |
| | | $i_Z$ | 23 56 | 3 | | | -3 | | h 0.06 |
| | | $ipPV$ | 24 07 | 1½ | | | - | | H 09 17 15 |
| | | $iNZ$ | 24 12 | 4 | +9 | | -9 | | |
| | | $iPP_{NZ}$ | 24 16 | 4 | -8 | | +10 | | |
| | | $isP_Z$ | 24 56 | 4 | | | +4 | | |
| | | $i_N$ | 26 42 | 6 | +4 | | | | |
| | | $iS_{NEZ}$ | 27 22 | 4 | +4 | -2 | -4 | | |
| | | $i_N$ | 27 33 | 4 | +7 | | | | |
| | | $i_E$ | 27 48 | 5 | | -2 | | | |
| | | $i_N$ | 28 14 | 4 | +3 | | | | |
| | | $i_N$ | 28 59 | 4 | +2 | | | | |
| | | $isS_N$ | 29 35 | 4 | +3 | | | | |
| | | $eE$ | 29.6 | 12 | | | | | |
| | | $i_N$ | 29 51 | 6 | +6 | | | | |
| | | $iSS_{EZ}$ | 29 54 | 9 | | -19 | +6 | | |
| | | $i_Z$ | 30 00 | 4 | | | -5 | | |
| | | $i_N$ | 30 09 | 6 | +7 | | | | |
| | | $i_E$ | 30 12 | 4 | | -7 | | | |
| | | $i_E$ | 30 32 | 4 | | +7 | | | |
| | | $i_Z$ | 30 35 | 4 | | | +5 | | |
| | | $i_E$ | 30 53 | 5 | | -5 | | | |
| | | $i_Z$ | 30 58 | 4 | | | -4 | | |
| | | $i_N$ | 31 08 | 4 | +9 | | | | |
| | | $i_E$ | 31 16 | 5 | | +10 | | | |
| | | $i_N$ | 31 18 | 6 | +9 | | | | |
| | | $i_Z$ | 31 25 | 5 | | | +13 | | |
| | | $i_E$ | 32 07 | 7 | | +7 | | | |
| | | $i_N$ | 32 31 | 5 | -10 | | | | |
| | | $i_N$ | 32 47 | 5 | -9 | | | | |
| | | $i_E$ | 32 51 | 5 | | +19 | | | |

Minor activity: 3d 16.4h; 10d 15.4h, 21.5h, 22.1h; 12d 04.7h, 12.3h, 22.6h;13d 03
14d 22.4h; 15d 01.6h; 19d 18.3h; 21d 12.6h;25d 07.7h;29d 09.5h,19.1h;30d 10.2,12.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | Feb. 1 | $iP_Z$ | 01 37 47 | 3 | | | -2 | 21°9 | Dilatation |
| | | $iP_N$ | 37 48 | 3 | +2 | | | | h 0.005 ca. |
| | | $i_Z$ | 37 53 | 3 | | | -5 | | H 01 32 58 |
| | | $i_E$ | 37 55 | 7 | | +5 | | | |
| | | $i_Z$ | 38 00 | 4 | | | +6 | | |
| | | $i(pP)_Z$ | 38 04 | 4 | | | -8 | | |
| | | $i_E$ | 38 05 | 4 | | +8 | | | |
| | | $i_N$ | 38 06 | 4 | +4 | | | | |
| | | $i(sP)_{NZ}$ | 38 13 | 5 | +4 | | -5 | | |
| | | $i_E$ | 38 25 | 5 | | -8 | | | |
| | | $i_N$ | 38 27 | 6 | +4 | | | | |
| | | $i_Z$ | 38 39 | 4 | | | +7 | | |
| | | $iS_N$ | 41 40 | 8 | -5 | | | | |
| | | $iS_E$ | 41 42 | 5 | | -10 | | | |
| | | $i(PcP)_E$ | 41 49 | 5 | | +17 | | | |

(Continued on next page)

1956, February.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.



| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 72 | Feb. 1 | $i_Z$ | 01 41 50 | 5 | | | -7 | | |
| cont. | | $isS_N$ | 42 01 | 5 | -6 | | | | |
| | | $isS_E$ | 42 02 | 5 | | -16 | | | |
| | | $i_Z$ | 42 05 | 4 | | | -6 | | |
| | | $i_N$ | 42 30 | 7 | +5 | | | | |
| | | $eL_EZ$ | 43.0 | 23 | | | | | |
| | | ME | 44.4 | 20 | | 11 | | | |
| | | $iScS_N$ | 49 01 | 4 | -3 | | | | |
| 73 | 1 | (iP)V | 08 33 00 | 1½ | | | + | | Compression |
| | | $i_V$ | 33 54 | 1½ | | | + | | Masked by microseisms |
| | | $i_Z$ | 34 08 | 4 | | | +3 | | |
| 74 | 1 | $iP_Z$ | 13 50 30 | 3 | | | -4 | 52°5 | Dilatation |
| | | $i_{NZ}$ | 50 35 | 3 | -6 | | +4 | | h 0.05 |
| | | $i_N$ | 51 10 | 4 | +3 | | | | H 13 41 50 |
| | | $i_V$ | 51 35 | 1 | | | + | | |
| | | $iPcP_Z$ | 51 39 | 3 | | | +4 | | |
| | | $ipPN_Z$ | 51 46 | 4 | +4 | | -9 | | |
| | | $i_N$ | 51 52 | 4 | +3 | | | | |
| | | $i_N$ | 52 19 | 4 | +3 | | | | |
| | | $i_Z$ | 52 27 | 4 | | | -4 | | |
| | | $i_Z$ | 52 35 | 4 | | | -4 | | |
| | | $i_V$ | 52 41 | 1½ | | | - | | |
| | | $i_Z$ | 52 53 | 4 | | | -5 | | |
| | | $i_N$ | 53 03 | 4 | -4 | | | | |
| | | $i_Z$ | 53 09 | 3 | | | +4 | | |
| | | $i_Z$ | 54 39 | 5 | | | -3 | | |
| | | $iS_N$ | 57 28 | 5 | +10 | | | | |
| | | $i_Z$ | 57 32 | 6 | | | -8 | | |
| | | $i_{NE}$ | 57 33 | 6 | -17 | -12 | | | |
| | | $i_E$ | 57 40 | 6 | | +10 | | | |
| | | $i_N$ | 57 48 | 6 | -8 | | | | |
| | | $isS_E$ | 59 48 | 7 | | -19 | | | |
| | | $i_N$ | 14 01 08 | 4 | +5 | | | | |
| | | $i_Z$ | 01 53 | 4 | | | -5 | | |
| | | $i_E$ | 02 23 | 5 | | -6 | | | |
| | | $i_Z$ | 02 37 | 4 | | | +4 | | |
| | | $i_E$ | 02 47 | 6 | | +11 | | | |
| | | $i_N$ | 03 02 | 6 | -4 | | | | |
| | | $i_Z$ | 03 07 | 5 | | | -5 | | |
| | | $eL_E$ | 05.5 | 30 | | | | | |
| | | $i_E$ | 06 34 | 7 | | +13 | | | |
| | | $i_N$ | 07 20 | 7 | +8 | | | | |
| | | $i_E$ | 08 16 | 8 | | -11 | | | |
| | | $i_E$ | 08 29 | 9 | | -18 | | | |
| | | $i_Z$ | 09 12 | 5 | | | +7 | | |
| | | MN | 11.0 | 15 | 6 | | | | |
| | | MEZ | 11.2 | 18 | | 15 | 8 | | |
| | | $i_{NE}$ | 12 06 | 8 | -10 | +12 | | | |
| | | $i_N$ | 13 02 | 7 | +5 | | | | |
| | | $i_N$ | 14 47 | 7 | +10 | | | | |
| 75 | 2 | $iP_V$ | 20 40 45 | 1 | | | + | | Compression |
| 76 | 3 | $iPgV$ | 01 58 54 | ¼ | | | - | 0°2 | Dilatation |
| | | $iSgV$ | 58 57 | ½ | | | - | | H 01 58 50 |
| 81 | 9 | i(P)V | 06 45 29 | 1 | | | + | | Compression |
| 82 | 9 | $iP_V$ | 14 47 04 | 1½ | | | + | | Compression |
| | | i(S)E | 58 59 | 5 | | +3 | | | |
| | | eE | 15 01 16 | 12 | | | | | |
| | | $e_N$ | 01 56 | 12 | | | | | |
| | | $e_E$ | 02 10 | 22 | | | | | |
| | | e(SS)N | 07 17 | 24 | | | | | |
| | | e(SS)E | 07 23 | 15 | | | | | |
| | | $eLR_E$ | 22.6 | 33 | | | | | |
| | | eLZ | 23.0 | 33 | | | | | |
| | | LE | 23.7 | 31 | | 34 | | | |
| | | MNEZ | 31.1 | 19 | 6 | 10 | 13 | | |
| | | $eW_2Z$ | 16 47.6 | 22 | | | | | |

1956, February.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | AN | AE | AZ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 83 | Feb.10 | (iP)V | 18 49 24 | 1½ | | | + | | Compression |
| | | (i)Z | 51 34 | 3 | | | -3 | | Masked by large |
| | | (i)Z | 52 24 | 3 | | | +6 | | microseisms. |
| | | (iS)N | 56 49 | 5 | -4 | | | | |
| 85 | 12 | iPNZ | 11 59 39 | 5 | +5 | | -7 | 59°1 | Dilatation |
| | | ipPNEZ | 59 49 | 5 | +6 | -3 | -11 | | h 0.00 |
| | | iN | 12 00 06 | 4 | -4 | | | | H 11 49 40 |
| | | iE | 00 08 | 4 | | +4 | | | |
| | | ePcPZ | 00 28 | | | | | | |
| | | iE | 01 11 | 6 | | -3 | | | |
| | | iZ | 02 41 | 5 | | | +7 | | |
| | | iZ | 02 58 | 4 | | | -5 | | |
| | | iZ | 03 23 | 4 | | | +7 | | |
| | | iSN | 07 42 | 7 | +4 | | | | |
| | | iN | 07 50 | 7 | +13 | | | | |
| | | iE | 07 51 | 6 | | -3 | | | |
| | | iPSZ | 07 59 | 6 | | | +9 | | |
| | | iPPSNEZ | 08 10 | | -13 | -3 | +11 | | $T_N$=7s, $T_E$=4s, $T_Z$=6s |
| | | i(ScS)E | 09 27 | 4 | | -5 | | | |
| | | iNE | 09 39 | 6 | -8 | +11 | | | |
| | | iN | 10 51 | 5 | +6 | | | | |
| | | iE | 11 01 | 4 | | +5 | | | |
| | | iN | 11 10 | 6 | +6 | | | | |
| | | iE | 11 17 | 6 | | -5 | | | |
| | | iN | 11 19 | 7 | +6 | | | | |
| | | eSSE | 11 42 | 10 | | | | | |
| | | iN | 11 45 | 7 | -6 | | | | |
| | | iE | 11 57 | 6 | | +7 | | | |
| | | iE | 12 35 | 6 | | +7 | | | |
| | | iSSSN | 14 07 | 4 | +6 | | | | |
| | | eLE | 15.7 | 25 | | | | | |
| | | iE | 16 42 | 5 | | +6 | | | |
| | | iN | 16 52 | 7 | +8 | | | | |
| | | ME | 20.7 | 20 | | 8 | | | |
| 86 | 12 | i(P)Z | 12 19 15 | 4 | | | +7 | | Compression. |
| | | iN | 24 39 | 5 | +11 | | | | Masked by coda of 8 |
| 87 | 13 | iZ | 14 31 20 | 4 | | | +3 | | Compression |
| | | iZ | 31 51 | 3 | | | -3 | | |
| | | iN | 38 48 | 4 | -2 | | | | |
| | | eN | 39 16 | 7 | | | | | |
| | | e(SS)E | 43 20 | 10 | | | | | |
| | | eLE | 49.1 | | | | | | |
| | | iE | 52 38 | 3 | | -2 | | | |
| 88 | 14 | iPZ | 01 04 16 | 3 | | | -2 | | Dilatation |
| | | e(S)E | 13 23 | | | | | | |
| 89 | 14 | iZ | 12 44 55 | 3 | | | +2 | | Compression, Maske |
| | | iZ | 45 50 | 4 | | | +2 | | by microseisms. |
| | | e(S)N | 52 20 | | | | | | |
| | | e(PS)N | 52 35 | | | | | | |
| | | eE | 55 20 | 10 | | | | | |
| | | eLE | 13 02.8 | 22 | | | | | |
| | | ME | 06.7 | 20 | | 1 | | | |
| | | MZ | 10.0 | 15 | | | 1 | | |
| | | MN | 12.4 | 16 | 1 | | | | |
| 90 | 14 | e(PS)E | 19 02 16 | | | | | | |
| | | e(SS)E | 08.2 | 16 | | | | | |
| | | eLRE | 24.4 | 30 | | | | | |
| 91 | 15 | eE | 01 49 20 | | | | | | |
| | | eE | 55 32 | 16 | | | | | |
| | | eLRE | 02 11.5 | 30 | | | | | |
| 93 | 15 | eZ | 20 49 21 | | | | | | |
| | | eSE | 59 38 | 5 | | | | | |
| | | ePPSE | 21 01 09 | 7 | | | | | |
| | | e(SS)E | 05 50 | 16 | | | | | |
| | | eLE | 17.9 | 27 | | | | | |
| | | ME | 26.7 | 25 | | 2 | | | |
| 94 | 16 | iPZ | 00 27 29 | 2 | | | +1 | | Compression |
| | | ipPZ | 27 54 | 3 | | | +2 | | h 0.01 ca. |

1956, February.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 96 | Feb.17 | $(iP)_Z$ | 10 07 42 | 4 | | | +2 | | Compression. Masked by microseisms. |
| | | $i_N$ | 07 51 | 4 | +1 | | | | |
| | | $e(PP)_Z$ | 12 00 | 9 | | | | | |
| | | $e(SKS)_N$ | 18 17 | 12 | | | | | |
| | | $e(S)_E$ | 18 54 | 10 | | | | | |
| | | $i_E$ | 19 05 | 5 | | +4 | | | |
| | | $i_E$ | 19 17 | 5 | | +2 | | | |
| | | $e(SS)_E$ | 25 15 | 12 | | | | | |
| | | $e(SS)_E$ | 25 45 | 12 | | | | | |
| | | $e(SSS)_E$ | 29 23 | 16 | | | | | |
| | | $e_E$ | 33 23 | 21 | | | | | |
| | | $eL_E$ | 36.8 | ? | | | | | |
| | | $eLR_E$ | 37.8 | 40 | | | | | |
| | | $M_E$ | 47.4 | 22 | | 4 | | | |
| | | $M_{NZ}$ | 49.5 | 18 | 3 | | 6 | | |
| 97 | 18 | $iP_{NZ}$ | 07 44 17 | 3 | +13 | | -36 | 64°9 | Dilatation h 0.07, H 07 34 24 |
| | | $i_E$ | 44 23 | 3 | | +4 | | | |
| | | $iPcP_Z$ | 44 46 | 4 | | | -14 | | |
| | | $i_N$ | 44 57 | 4 | -15 | | | | |
| | | $i_{NE}$ | 45 08 | 4 | +5 | +7 | | | Gutenberg Tables give: Δ 65°, h 450 km.ca., H 07 34 24 |
| | | $i_N$ | 45 28 | 4 | -7 | | | | |
| | | $i_Z$ | 45 41 | 4 | | | -10 | | |
| | | $ipP_Z$ | 45 57 | 6 | | | +22 | | |
| | | $ipP_N$ | 45 58 | 4 | -13 | | | | |
| | | $i_E$ | 46 15 | 3 | | +9 | | | |
| | | $ipPcP_Z$ | 46 35 | 4 | | | -10 | | |
| | | $isP_Z$ | 46 45 | 4 | | | +17 | | |
| | | $iPP_{NZ}$ | 46 50 | 7 | +22 | | -34 | | |
| | | $i(pPP)_N$ | 47 57 | 4 | +9 | | | | |
| | | $iPPP_{NZ}$ | 48 30 | 4 | +9 | | -12 | | |
| | | $iS_{NEZ}$ | 52 20 | 6 | +120 | +72 | +30 | | |
| | | $i_{NE}$ | 52 30 | 6 | +66 | +52 | | | |
| | | $i_{NZ}$ | 52 41 | 6 | -87 | | +66 | | |
| | | $i_E$ | 52 42 | 7 | | +29 | | | |
| | | $i_E$ | 53 08 | 5 | | +14 | | | |
| | | $i_Z$ | 53 15 | 5 | | | +21 | | |
| | | $i(ScS)_E$ | 53 25 | 4 | | +12 | | | |
| | | $i_{NZ}$ | 53 28 | 5 | -25 | | +20 | | |
| | | $i_E$ | 53 29 | 6 | | +62 | | | |
| | | $i_{EZ}$ | 53 57 | 4 | | -13 | +13 | | |
| | | $i_N$ | 54 10 | 4 | +11 | | | | |
| | | $i_N$ | 54 50 | 4 | -24 | | | | |
| | | $i_N$ | 54 59 | 6 | -29 | | | | |
| | | $i_N$ | 55 09 | 6 | +33 | | | | |
| | | $isS_{NEZ}$ | 55 18 | 6 | -27 | -33 | +25 | | |
| | | $m_E$ | 55 25 | 9 | | 51 | | | |
| | | $i_N$ | 55 39 | 6 | -39 | | | | |
| | | $i_E$ | 55 43 | 5 | | +13 | | | |
| | | $i_Z$ | 56 03 | 4 | | | -19 | | |
| | | $i_E$ | 56 07 | 5 | | -28 | | | |
| | | $i_N$ | 56 14 | 4 | +26 | | | | |
| | | $iSS_N$ | 56 42 | 9 | -44 | | | | |
| | | $iSS_E$ | 56 47 | 7 | | +42 | | | |
| | | $i_N$ | 57 24 | 6 | -21 | | | | |
| | | $i_N$ | 57 42 | 6 | -45 | | | | |
| | | $i_E$ | 59 37 | 7 | | -27 | | | |
| | | $i_E$ | 59 49 | 7 | | -49 | | | |
| | | $i_N$ | 08 00 05 | 7 | +32 | | | | |
| | | $i_N$ | 00 21 | 7 | +40 | | | | |
| | | $i_N$ | 00 40 | 7 | +24 | | | | |
| | | $i_E$ | 01 07 | 6 | | +32 | | | |
| | | $i_N$ | 01 08 | 7 | -31 | | | | |
| | | $i_E$ | 02 55 | 8 | | -41 | | | |
| | | $i_N$ | 02 56 | 8 | +11 | | | | |
| | | $i_N$ | 03 21 | 7 | +37 | | | | |
| | | $i_E$ | 04 10 | 9 | | +74 | | | |
| | | $i(P'P')_Z$ | 13 05 | 5 | | | -24 | | |

RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) h m s | Per. s | Amplitude $A_N$ μ | $A_E$ μ | $A_Z$ μ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | | | | | | | |
| 98 | Feb.19 | $e(SSS)_E$ | 02 56 37 | | | | | | Masked by very larg |
| | | $eLR_E$ | 03 09.0 | 27 | | | | | microseisms. |
| | | $ME$ | 16.8 | 21 | | 5 | | | |
| 100 | 21 | $(iP)_Z$ | 03 06 05 | 2 | | | +4 | | Masked by microseis |
| 101 | 21 | $(iP)_V$ | 20 38 15 | 1½ | | | + | | Masked by large |
| | | $i_Z$ | 40 54 | 3 | | | +2 | | microseisms. |
| | | $i(S)_N$ | 42 22 | 4 | -1 | | | | |
| | | $i(ScS)_{NE}$ | 47 44 | 4 | -1 | +2 | | | |
| 102 | 22 | $e_Z$ | 10 12 10 | | | | | | Masked by microseis |
| | | $e(S)_E$ | 22 09 | | | | | | |
| | | $i_E$ | 22 26 | 4 | | +2 | | | |
| | | $e_E$ | 23 23 | | | | | | |
| | | $e_E$ | 26 11 | | | | | | |
| | | $eL_E$ | 39.1 | 24 | | | | | |
| 103 | 24 | $iP_E$ | 09 24 09 | 5 | | -4 | | 25°0 | |
| | | $iP_Z$ | 24 11 | 5 | | | -12 | | Dilatation |
| | | $ipP_{EZ}$ | 24 19 | 5 | | -4 | -5 | | h 0.00 |
| | | $i_E$ | 24 27 | 6 | | -7 | | | H 09 18 47 |
| | | $i_Z$ | 24 34 | 5 | | | +13 | | |
| | | $i_E$ | 24 35 | 5 | | -7 | | | |
| | | $iPP_{EZ}$ | 24 45 | 5 | | -8 | +12 | | |
| | | $i_N$ | 24 48 | 4 | -4 | | | | |
| | | $i_E$ | 24 59 | 6 | | +11 | | | |
| | | $i_Z$ | 25 08 | 4 | | | -2 | | |
| | | $i_Z$ | 25 29 | 6 | | | +8 | | |
| | | $iS_{NE}$ | 28 28 | 6 | -3 | +7 | | | |
| | | $isS_E$ | 28 44 | 7 | | +6 | | | |
| | | $i_N$ | 28 55 | 6 | +5 | | | | |
| | | $i_E$ | 28 56 | 7 | | -8 | | | |
| | | $i_Z$ | 29 00 | 6 | | | +9 | | |
| | | $i_N$ | 29 05 | 6 | +7 | | | | |
| | | $i_E$ | 29 15 | 7 | | +7 | | | |
| | | $iSS_E$ | 29 23 | 8 | | -8 | | | |
| | | $i_N$ | 29 33 | 6 | +6 | | | | |
| | | $iSSS_{NE}$ | 29 43 | 7 | +7 | -2 | | | |
| | | $eL_Z$ | 30.4 | 25 | | | | | |
| | | $eLR_E$ | 30.5 | 27 | | | | | |
| | | $i_N$ | 30 50 | 5 | +6 | | | | |
| | | $MN$ | 32.5 | 17 | 13 | | | | |
| | | $MEZ$ | 33.0 | 17 | | 15 | 16 | | |
| | | $iScS_E$ | 35 03 | 6 | | +9 | | | |
| 104 | 29 | $(iP)_Z$ | 21 03 16 | 4 | | | +6 | | Masked by large |
| | | $i_E$ | 08 06 | 5 | | +6 | | | microseisms. |

Minor activity: 5d 05.3h, 16.7h, 20.9h; 7d 07.8h; 11d 22.8h; 15d 10.1h; 16d 13.8h 20d 21.7h.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 105 | Mar. 3 | $iP_Z$ | 00 12 39 | 3 | | | +2 | | Compression |
| | | $e_E$ | 12 41 | | | | | | |
| | | $i_E$ | 13 53 | 6 | | +3 | | | |
| | | $iPP_Z$ | 14 08 | 5 | | | +6 | | |
| | | $i_{NE}$ | 14 11 | 5 | +5 | +10 | | | |
| | | $iPPP_Z$ | 14 25 | 4 | | | +14 | | |
| | | $i_E$ | 14 26 | 4 | | -10 | | | |
| | | $i_N$ | 14 35 | 4 | -3 | | | | |
| | | $i_Z$ | 14 53 | 4 | | | +7 | | |
| | | $e(S)_E$ | 18 21 | | | | | | |
| | | $eL_N$ | 21.2 | 25 | | | | | |
| | | $eL_Z$ | 22.8 | 23 | | | | | |
| | | $eLR_E$ | 22.9 | 27 | | | | | |
| | | $i(ScS)_N$ | 23 01 | 5 | +7 | | | | |
| | | $MEZ$ | 25.4 | 17 | | 5 | 3 | | |
| | | $MN$ | 26.5 | 13 | 4 | | | | |
| 106 | 3 | $iP_Z$ | 10 25 41 | 4 | | | +5 | | Compression |
| | | $ipP_V$ | 25 54 | 1½ | | | + | | |
| | | $isP_Z$ | 26 00 | 4 | | | -5 | | |
| 107 | 6 | $i(PKP)_V$ | 09 14 20 | 1½ | | | + | | Compression |
| | | | | | | | | | Galitzin record lost |

1956, March.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 108 | Mar. 7 | $iP_Z$ | 12 19 58 | 3 | | | +1 | 32°.5 | Compression |
| | | $i_Z$ | 20 08 | 4 | | | +2 | | h 0.01 ca. |
| | | $i_Z$ | 20 12 | 5 | | | +4 | | H 12 13 35 |
| | | $i(PP)_Z$ | 21 04 | 4 | | | +2 | | |
| | | $iS_E$ | 25 05 | 5 | | -3 | | | |
| | | $i_N$ | 25 17 | 5 | +3 | | | | |
| | | $i_E$ | 25 18 | 5 | | +3 | | | |
| | | $isS_E$ | 25 39 | 5 | | -4 | | | |
| | | $i_E$ | 27 10 | 6 | | +4 | | | |
| | | $i_N$ | 27 55 | 4 | +5 | | | | |
| | | $i_E$ | 28 05 | 6 | | -5 | | | |
| | | $i_E$ | 28 25 | 7 | | +4 | | | |
| | | $iScS_N$ | 30 15 | 3 | +3 | | | | |
| 109 | 8 | $(iP)_Z$ | 08 11 21 | 3 | | | +4 | | Compression. Masked |
| | | $iS_N$ | 15 40 | 5 | -4 | | | | by large microseisms. |
| | | $i_E$ | 15 58 | 4 | | +5 | | | |
| | | $i(ScS)_N$ | 22 16 | 3 | +4 | | | | |
| 110 | 10 | $(iP)_Z$ | 03 49 20 | 4 | | | +5 | | Compression. Masked |
| | | $(i)_Z$ | 49 42 | 3 | | | +3 | | by large microseisms. |
| | | $(iPP)_Z$ | 50 41 | 4 | | | +5 | | |
| | | $eL_N$ | 04 01.3 | | | | | | |
| 111 | 10 | $(i)_Z$ | 19 39 52 | 4 | | | +6 | | Masked by large |
| | | $i_Z$ | 40 29 | 3 | | | +3 | | microseisms. |
| | | $e(S)_E$ | 45 10 | | | | | | |
| | | $eL_N$ | 47.3 | 19 | | | | | |
| | | $i_N$ | 49 53 | 5 | +9 | | | | |
| | | $i_N$ | 50 09 | 5 | +10 | | | | |
| | | $ME_Z$ | 50.4 | 18 | | 8 | 5 | | |
| 112 | 10 | $iP_Z$ | 21 44 55 | 3 | | | +9 | 42°.4 | Compression |
| | | $iPP_V$ | 46 37 | 1½ | | | - | | H 21 36 57 |
| | | $i_Z$ | 46 40 | 3 | | | +5 | | |
| | | $iS_E$ | 51 17 | 3 | | +4 | | | Large microseisms |
| | | $i_Z$ | 54 34 | 3 | | | +5 | | present. |
| | | $i_{NE}$ | 54 39 | 4 | +5 | +5 | | | |
| 113 | 12 | $i(P)_Z$ | 11 32 15 | 3 | | | +3 | | Masked by microseisms |
| 114 | 12 | $e(S)_E$ | 20 03 19 | 13 | | | | | |
| | | $eL_E$ | 07.7 | 24 | | | | | |
| | | $ME$ | 12.7 | 18 | | 3 | | | |
| 115 | 13 | $(iPKP)_Z$ | 13 32 09 | 2 | | | -1 | | Dilatation. Micro- |
| | | $i_Z$ | 36 01 | 2 | | | +1 | | seisms present. |
| | | $e(PPP)_N$ | 36 29 | 7 | | | | | |
| | | $e(SKKS)_E$ | 40 55 | 7 | | | | | |
| | | $e_E$ | 44 24 | 10 | | | | | |
| | | $e_E$ | 46 51 | 15 | | | | | |
| | | $e(SS)_E$ | 50 37 | 15 | | | | | |
| | | $eLR_E$ | 14 12.1 | 30 | | | | | |
| 116 | 13 | $(iP)_V$ | 23 38 -- | 1½ | | | + | | |
| | | $eL_E$ | 46.7 | 20 | | | | | |
| | | $i_E$ | 49 03 | 4 | | +3 | | | |
| | | $ME$ | 49.8 | 12 | | 2 | | | |
| 118 | 14 | $i(P)_Z$ | 11 12 03 | 2 | | | +1 | | Compression. |
| | | $e(PP)_Z$ | 14 46 | 4 | | | | | Waves very small & |
| | | $e(S)_E$ | 21 23 | 7 | | | | | indefinite. |
| | | $e(S)_N$ | 21 25 | 6 | | | | | |
| 120 | 14 | $iP_Z$ | 15 43 38 | 3 | | | +3 | 21°.7 | Compression |
| | | $iPP_{EZ}$ | 44 02 | 4 | | +3 | -2 | | H 15 38 44 |
| | | $eS_E$ | 47 34 | 8 | | | | | |
| | | $eSS_E$ | 48 14 | 10 | | | | | |
| | | $MNE_Z$ | 52.9 | 11 | 3 | 3 | 2 | | |
| 121 | 14 | $i(P)_Z$ | 15 48 15 | 4 | | | +3 | | Compression. |
| | | $i_{EZ}$ | 48 26 | 6 | | +4 | -3 | | Confused by preced- |
| | | $i_Z$ | 48 42 | 3 | | | -4 | | ing shock. |
| | | $i_E$ | 48 43 | 4 | | +6 | | | |
| | | $i_N$ | 48 48 | 3 | -1 | | | | |
| | | $i_Z$ | 49 28 | 3 | | | +4 | | |
| | | $i_E$ | 52 43 | 6 | | +9 | | | |
| | | $eL_Z$ | 54.1 | 16 | | | | | |
| | | $MNE_Z$ | 57.6 | 12 | 6 | 8 | 2 | | |

RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 122 | Mar.14 | $i(P)_Z$ | 16 18 52 | 3 | | | +2 | | Compression |
| | | $i_Z$ | 19 05 | 3 | | | -3 | | Masked by coda |
| | | $i_Z$ | 19 15 | 4 | | | -4 | | of No.121. |
| | | $i_E$ | 19 16 | 4 | | +4 | | | |
| | | $i_E$ | 20 00 | 4 | | -3 | | | |
| | | $e(S)_E$ | 22 50 | 7 | | | | | |
| | | $i_E$ | 22 56 | 5 | | -3 | | | |
| | | $i_Z$ | 23 19 | 4 | | | +4 | | |
| | | $i_{NE}$ | 23 21 | 7 | +3 | +5 | | | |
| | | $eL_E$ | 24.5 | 19 | | | | | |
| | | MNE | 27.9 | 12 | 4 | 5 | | | |
| | | $i_N$ | 28 05 | 7 | +12 | | | | |
| 125 | 16 | $iP_Z$ | 08 45 31 | 2 | | | +3 | 21°5 | Compression |
| | | $ePP_Z$ | 45 56 | 2 | | | | | H 08 40 39 |
| | | $iS_E$ | 49 35 | 4 | | -4 | | | Large microseisms |
| | | $eSS_E$ | 50 02 | 5 | | | | | present. |
| | | $eSSS_N$ | 50 17 | 6 | | | | | |
| | | $eL_{NE}$ | 52.3 | 18 | | | | | |
| | | MNE | 54.9 | 12 | 2 | 3 | | | |
| | | $i(ScS)_E$ | 57 08 | 3 | | +4 | | | |
| 127 | 16 | $i_Z$ | 13 35 10 | 3 | | | +3 | | Masked by large |
| | | $i(S)_E$ | 38 52 | 4 | | +5 | | | microseisms. |
| | | $eL_E$ | 41.0 | 19 | | | | | |
| 128 | 17 | $iP_Z$ | 20 00 16 | 2 | | | +5 | 25°0 | Compression |
| | | $i_Z$ | 00 19 | 2 | | | -5 | | H 19 54 49 |
| | | $i_Z$ | 01 08 | 3 | | | -3 | | |
| | | $iS_E$ | 04 38 | 4 | | +5 | | | |
| | | $i_E$ | 04 44 | 4 | | -5 | | | |
| | | $i_N$ | 04 45 | 4 | +6 | | | | |
| | | $eLQ_E$ | 05.2 | 22 | | | | | |
| | | $iSS_E$ | 05 38 | 4 | | +5 | | | |
| | | $i_E$ | 05 48 | 4 | | -5 | | | |
| | | $i_N$ | 06 01 | 4 | +3 | | | | |
| | | $eL_E$ | 07.0 | 22 | | | | | |
| | | MNEZ | 09.5 | 12 | 6 | 17 | 6 | | |
| 129 | 17 | $iP_V$ | 23 47 03 | 1½ | | | + | 24°2 | Compression |
| | | $i_V$ | 47 09 | 2 | | | + | | H 23 41 44 |
| | | $iS_N$ | 51 19 | 4 | +4 | | | | |
| | | $i_E$ | 51 30 | 4 | | -3 | | | |
| | | $i_N$ | 51 32 | 5 | +4 | | | | |
| | | $i_E$ | 51 52 | 4 | | +3 | | | |
| | | $e_N$ | 52 05 | ? | | | | | |
| | | $i_E$ | 52 56 | 5 | | -8 | | | |
| | | $eL_E$ | 53.8 | 21 | | | | | |
| | | MNE | 56.1 | 13 | 7 | 13 | | | |
| 130 | 18 | $(iP)_V$ | 08 28 38 | 1½ | | | + | | Large microseisms |
| 131 | 19 | $ePZ$ | 17 41 54 | | | | | 26°9 | |
| | | $i_Z$ | 42 01 | 3 | | | -4 | | Dilatation |
| | | $i_{NZ}$ | 42 05 | 3 | -3 | | +7 | | Multiple Shock? |
| | | $i_{NZ}$ | 42 10 | 3 | -4 | | +7 | | |
| | | $i(PP)_{NZ}$ | 42 39 | 4 | -3 | | +5 | | |
| | | $i(PPP)_{NZ}$ | 42 50 | 4 | +6 | | -5 | | |
| | | $i_Z$ | 44 46 | 3 | | | +7 | | |
| | | $iS_E$ | 46 30 | 5 | | -4 | | | |
| | | $i_N$ | 46 41 | 4 | +7 | | | | |
| | | $i_N$ | 46 55 | 5 | -9 | | | | |
| | | $i_E$ | 47 04 | 4 | | +10 | | | |
| | | $i_N$ | 47 05 | 4 | +7 | | | | |
| | | $i_N$ | 47 35 | 4 | +5 | | | | |
| | | $i(SS)_N$ | 47 42 | 5 | +8 | | | | |
| | | $i_E$ | 48 03 | 4 | | +7 | | | |
| | | $i_E$ | 48 21 | 5 | | -11 | | | |
| | | $i_N$ | 48 22 | 4 | +11 | | | | |
| | | $i_E$ | 49 01 | 4 | | +14 | | | |
| | | $i_N$ | 49 02 | 4 | -6 | | | | |
| | | $i_Z$ | 49 08 | 3 | | | +7 | | Perhaps P of |
| | | $i_Z$ | 49 23 | 4 | | | -5 | | 2nd shock. |
| | | $i_E$ | 49 31 | 4 | | +14 | | | |

(continued on next page.)

1956, March.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.



| o. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 31 | Mar.19 | $eL_E$ | 17 51.0 | 20 | | | | | |
| ont. | | $eL_Z$ | 51.2 | 22 | | | | | |
| | | $i_N$ | 51 55 | 4 | +5 | | | | |
| | | ME | 53.2 | 12 | | 14 | | | |
| | | MNZ | 59.9 | 12 | 7 | | 10 | | |
| 32 | 20 | $iS_N$ | 09 52 23 | 4 | +3 | | | | Masked by microseisms |
| | | $i(sS)_N$ | 52 42 | 4 | -3 | | | | |
| | | $i_E$ | 53 08 | 4 | | +3 | | | |
| | | $i_E$ | 53 25 | 5 | | +3 | | | |
| | | $i_E$ | 53 43 | 4 | | +3 | | | |
| | | $i_N$ | 54 43 | 4 | +3 | | | | |
| | | $i_E$ | 54 48 | 4 | | +3 | | | |
| | | $eL_E$ | 55.7 | 23 | | | | | |
| | | MNEZ | 58.3 | 19 | 4 | 5 | 5 | | |
| | | $i_E$ | 10 00 13 | 4 | | +3 | | | |
| | | $i_E$ | 04 19 | 4 | | +4 | | | |
| | | $i_E$ | 05 34 | 4 | | -3 | | | |
| | | $i_Z$ | 05 37 | 4 | | | -3 | | |
| 33 | 20 | $i(P)_Z$ | 20 23 07 | 4 | | | +4 | | Masked by microseisms |
| | | $i(S)_E$ | 27 26 | 4 | | +3 | | | |
| | | $eL_N$ | 28.4 | 16 | | | | | |
| | | MN | 30.8 | 12 | 2 | | | | |
| | | ME | 32.2 | 16 | | 1 | | | |
| | 21 | $(i)_N$ | 16 37 01 | 4 | -3 | | | | |
| | 21 | $(iP)_Z$ | 17 49 03 | 4 | | | +5 | | |
| 34 | 21 | $i(P)_Z$ | 18 01 16 | 4 | | | +4 | | Compression. Masked |
| | | $i_Z$ | 01 30 | 4 | | | +3 | | by microseisms. |
| | | $i_E$ | 01 36 | 4 | | -3 | | | |
| | | $i_N$ | 01 43 | 4 | +3 | | | | |
| | | $e(S)_E$ | 04 13 | 9 | | | | | |
| | | $eL_{NE}$ | 04.6 | 15 | | | | | |
| | | ME | 05.0 | 13 | | 5 | | | |
| | | $i_N$ | 05 34 | 4 | +4 | | | | |
| | | MN | 05.8 | 11 | 1 | | | | |
| | | $i_E$ | 12 04 | 4 | | +3 | | | |
| | | $i_N$ | 12 10 | 4 | +4 | | | | |
| 35 | 21 | $(i)_Z$ | 18 47 05 | 3 | | | +3 | | Masked by microseisms |
| | | $i(S)_E$ | 51 38 | 5 | | +3 | | | |
| | | $eL_E$ | 55.0 | 13 | | | | | |
| 36 | 22 | $(iP)_Z$ | 06 49 06 | 4 | | | +2 | | |
| | | $i_Z$ | 54 43 | 4 | | | | | |
| | | $e_E$ | 07 00 59 | 6 | | | | | |
| | | $e(PS)_E$ | 03 59 | ? | | | | | |
| | | $i(sPS)_{NE}$ | 04 32 | 6 | | -3 | | | |
| 37 | 22 | $i(P)_Z$ | 15 44 11 | 4 | | | +4 | | Microseisms present. |
| | | $i(PP)_Z$ | 47 57 | 4 | | | -3 | | |
| | | $e(S)_E$ | 55 20 | 7 | | | | | |
| | | $e_N$ | 16 03 14 | 10 | | | | | |
| | | $eLR_E$ | 12.1 | 27 | | | | | |
| | | MNE | 17.8 | 15 | 2 | 2 | | | |
| 38 | 23 | $(eP)_Z$ | 05 16 50 | | | | | | Masked by microseisms |
| | | $i_Z$ | 16 58 | 4 | | | +2 | | |
| | | $i(PP)_Z$ | 17 41 | 4 | | | +2 | | |
| | | $e(S)_N$ | 21 29 | | | | | | |
| | | $i_{NE}$ | 21 36 | 5 | +3 | +2 | | | |
| | | $i_N$ | 21 58 | 4 | -1 | | | | |
| | | $i_N$ | 22 12 | 4 | -1 | | | | |
| | | $e_E$ | 22 42 | | | | | | |
| | | $i_N$ | 23 16 | 4 | +3 | | | | |
| | | $i_N$ | 23 40 | 4 | +2 | | | | |
| | | $i_N$ | 24 02 | 4 | -3 | | | | |
| | | $i_E$ | 24 03 | 4 | | +3 | | | |
| | | $i_E$ | 24 18 | 5 | | +8 | | | |
| | | $i_E$ | 24 59 | 4 | | +4 | | | |
| | | $eL_E$ | 25.4 | 21 | | | | | |
| | | MZ | 26.8 | 21 | | | 5 | | |
| | | MN | 27.9 | 19 | 4 | | | | |
| | | ME | 28.0 | 13 | | 5 | | | |
| | | $i_N$ | 28 22 | 4 | -4 | | | | |

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 141 | Mar.27 | $iP_V$ | 16 59 12 | 1½ | | | + | 39°.6 | Compression |
| | | $iS_N$ | 17 05 16 | 4 | +2 | | | | H 16 51 37 |
| | | $i_Z$ | 06 09 | 4 | | | +3 | | |
| | | $i(ScS)_N$ | 09 15 | 4 | +2 | | | | |
| | | $i_N$ | 09 29 | 4 | +2 | | | | |
| | | $i_E$ | 09 51 | 4 | | -2 | | | |
| | | $i_N$ | 10 01 | 4 | -2 | | | | |
| | | $eL_E$ | 10.6 | 17 | | | | | |
| | | $i_N$ | 10 52 | 4 | +1 | | | | |
| | | $i_E$ | 11 28 | 4 | | +3 | | | |
| | | $i_E$ | 12 03 | 4 | | -3 | | | |
| | | $i_N$ | 12 25 | 6 | +4 | | | | |
| | | $i_E$ | 12 42 | 4 | | -2 | | | |
| | | $MZ$ | 12.8 | 13 | | | 1 | | |
| | | $i_E$ | 13 03 | 5 | | -3 | | | |
| | | $i_N$ | 13 45 | 6 | +5 | | | | |
| | | $i_E$ | 14 56 | 6 | | +5 | | | |
| 144 | 30 | $(iP)_V$ | 22 21 52 | 1½ | | | | | Masked by microseis |
| Minor activity: 14d 10.0h;15d 15.5h,18.2h;16d 11.4h;23d 15.3h,20.3h;28d 08.5h;30 | | | | | | | | | |
| 145 | Apr. 1 | $i_{NZ}$ | 11 05 49 | 4 | -2 | | -2 | | |
| | | $eN$ | 11 22 | | | | | | |
| | | $eL_{NEZ}$ | 19.7 | 24 | | | | | |
| 146 | 2 | $iP_Z$ | 11 00 22 | 3 | | | +2 | 62°.5 | Compression |
| | | $eS_E$ | 08 49 | | | | | | H 10 49 54 |
| | | $i_N$ | 08 52 | 4 | -6 | | | | Large microseisms |
| | | $i_E$ | 08 54 | 4 | | -2 | | | present. |
| | | $i_N$ | 09 02 | 5 | +5 | | | | |
| | | $iPS_E$ | 09 05 | 4 | | +5 | | | |
| | | $iPPS_E$ | 09 13 | 4 | | +5 | | | |
| | | $iScS_N$ | 10 12 | 4 | +4 | | | | |
| | | $i_N$ | 10 31 | 4 | -4 | | | | |
| | | $eL_N$ | 20.5 | 24 | | | | | |
| | | $eL_E$ | 25.1 | 27 | | | | | |
| | | $MN$ | 25.4 | 24 | 5 | | | | |
| | | $ME$ | 27.1 | 25 | | 10 | | | |
| | 2 | $(iP)_Z$ | 14 34 11 | 4 | | | -5 | | Dilatation |
| 147 | 6 | $i_Z$ | 07 28 04 | 3 | | | +3 | | Masked by microseis |
| | | $e(SS)_N$ | 43 58 | 12 | | | | | |
| | | $i_E$ | 44 23 | 4 | | +3 | | | |
| 148 | 6 | $(iP)_V$ | 16 32 59 | 1½ | | | + | | Compression. Masked |
| | | $eL_E$ | 39.2 | 13 | | | | | by microseisms. |
| 149 | 7 | $(i)_V$ | 04 43 26 | 1½ | | | | | Masked by microseis |
| | | $i_Z$ | 43 54 | 4 | | | +3 | | |
| 150 | 7 | $iP_V$ | 18 05 48 | 1 | | | + | | Compression |
| | | $(S)_{NE}$ | 09 38 | 6 | | | | | |
| 151 | 7 | $iP_Z$ | 18 09 37 | 3 | | | +4 | 22°.3 | Compression |
| | | $i_Z$ | 09 41 | 3 | | | -5 | | H 18 04 37 |
| | | $i_E$ | 09 42 | 7 | | +11 | | | |
| | | $i_Z$ | 09 44 | 3 | | | -5 | | |
| | | $i_{NEZ}$ | 09 50 | 5 | -3 | +10 | -6 | | |
| | | $iV$ | 09 59 | 1½ | | | - | | |
| | | $iPP_V$ | 10 04 | 1½ | | | - | | |
| | | $i_Z$ | 10 07 | 3 | | | +3 | | |
| | | $i_E$ | 10 09 | 6 | | +7 | | | |
| | | $iV$ | 10 11 | 1½ | | | + | | |
| | | $i_Z$ | 10 13 | 3 | | | +5 | | |
| | | $iV$ | 10 21 | 1½ | | | + | | |
| | | $i_Z$ | 10 24 | 4 | | | -5 | | |
| | | $i_Z$ | 10 32 | 4 | | | -5 | | |
| | | $i_E$ | 10 35 | 6 | | -4 | | | |
| | | $i_Z$ | 10 38 | 4 | | | -5 | | |
| | | $i_E$ | 11 02 | 6 | | -3 | | | |
| | | $i_E$ | 11 58 | 4 | | +3 | | | |
| | | $eS_E$ | 13 38 | 10 | | | | | |
| | | $i_N$ | 13 47 | 6 | +7 | | | | |
| | | $i_Z$ | 13 52 | 5 | | | +16 | | |
| | | $i_N$ | 14 01 | 4 | +6 | | | | |
| | | $i_{EZ}$ | 14 02 | | | -9 | +8 | | $T_E$=7s, $T_Z$==4s. |
| | | $eL_Z$ | 14.9 | 23 | | | | | |

(Continued on next page)

1956, April.
RIVERVIEW COLLEGE OBSERVATORY.



| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 151 cont. | Apr. 7 | $i_E$ | 18 14 56 | 6 | | +8 | | | |
| | | $i_N$ | 15 12 | 6 | -5 | | | | |
| | | $eL_E$ | 15.5 | 24 | | | | | |
| | | $i_N$ | 15 56 | 5 | +10 | | | | |
| | | $i_N$ | 16 30 | 7 | +16 | | | | |
| | | MNEZ | 18.8 | 12 | 29 | 22 | 6 | | |
| | | iZ | 33 58 | 4 | | | -3 | | |
| | | $i_N$ | 37 54 | 4 | +4 | | | | |
| 153 | 8 | $i_V$ | 07 56 55 | 1½ | | | + | | |
| | | $i_V$ | 57 50 | 1½ | | | + | | |
| | | $e(S)_E$ | 59 34 | | | | | | |
| | | $i_N$ | 08 01 55 | 4 | +2 | | | | |
| | | $eL_N$ | 02.5 | 20 | | | | | |
| | | MN | 04.3 | 15 | 2 | | | | |
| 154 | 8 | $i_N$ | 10 46 00 | 5 | +3 | | | | |
| | | $eL_N$ | 46.6 | 20 | | | | | |
| | | MN | 48.3 | 15 | 3 | | | | |
| 155 | 10 | $iP_V$ | 13 25 26 | 1 | | | + | 55°7 | ca Compression |
| | | $iP_Z$ | 25 27 | 3 | | | +2 | | Compression |
| | | $iP_E$ | 25 28 | 3 | | +2 | | | h 0.02 ca., |
| | | ipPV | 26 01 | 1½ | | | + | | H 13 16 04 |
| | | iZ | 26 09 | 3 | | | +4 | | |
| | | $i_E$ | 26 11 | 5 | | -3 | | | |
| | | $i(P_2)_Z$ | 26 13 | 4 | | | +16 | | Possibly 2 shocks. |
| | | $i(PcP)_Z$ | 26 29 | 4 | | | -4 | | (2nd shock: Δ58°8, |
| | | iZ | 27 16 | 4 | | | +5 | | h 0.09, H 13 17 10) |
| | | iPPV | 27 35 | 1½ | | | + | | |
| | | $i(pP_2)NZ$ | 28 14 | 6 | +4 | | -8 | | |
| | | $i(pP_2)_E$ | 28 15 | 6 | | -6 | | | |
| | | iPPPZ | 28 50 | 4 | | | +3 | | |
| | | iZ | 29 01 | 4 | | | -3 | | |
| | | $i(sP_2)_Z$ | 29 18 | 5 | | | -4 | | |
| | | $iS_E$ | 32 58 | 6 | | +7 | | | |
| | | $i_N$ | 33 03 | 4 | +5 | | | | |
| | | iZ | 33 07 | 4 | | | -5 | | |
| | | $i(S_2)_E$ | 33 33 | 6 | | +8 | | | |
| | | $i_E$ | 33 49 | 6 | | +9 | | | |
| | | $i_N$ | 33 58 | 5 | +8 | | | | |
| | | $isS_EZ$ | 34 01 | 5 | | +5 | -5 | | |
| | | $i_E$ | 36 04 | 5 | | -3 | | | |
| | | $iSS_E$ | 36 43 | 5 | | +4 | | | |
| | | $i(sS_2)_E$ | 36 53 | 7 | | +7 | | | |
| 158 | 12 | $iP_Z$ | 05 05 29 | 2 | | | -1 | 26°1 | Dilatation |
| | | $iS_E$ | 09 59 | 4 | | +2 | | | |
| | | $iS_N$ | 10 00 | 4 | +1 | | | | |
| | | $e_N$ | 10 52 | 9 | | | | | |
| | | $iSSS_E$ | 11 21 | 4 | | +2 | | | |
| | | $eL_E$ | 12.6 | 16 | | | | | |
| | | ME | 16.8 | 16 | | 1 | | | |
| | | MNZ | 19.1 | 15 | 1 | | 1 | | |
| 159 | 16 | iPV | 10 56 15 | 1 | | | + | | Compression |
| 160 | 18 | ePV | 11 13 20 | | | | | | |
| 161 | 20 | $iP_Z$ | 15 22 29 | 2 | | | -2 | 33°7 | Dilatation |
| | | ipPV | 23 02 | 1½ | | | - | | h 0.02, |
| | | isPV | 23 24 | 1½ | | | + | | H 15 16 01 |
| | | iV | 23 41 | 1 | | | + | | |
| | | iV | 23 44 | 1½ | | | + | | |
| | | iPPV | 23 47 | 1½ | | | - | | |
| | | iPPPZ | 24 08 | 3 | | | -3 | | |
| | | $iS_E$ | 27 39 | 4 | | +7 | | | |
| | | $e_E$ | 28 29 | 9 | | | | | |
| | | $isS_E$ | 28 39 | 6 | | +6 | | | |
| | | $i_E$ | 29 47 | 4 | | -8 | | | |
| | | iZ | 29 54 | 4 | | | +8 | | |
| | | iZ | 30 08 | 4 | | | +8 | | |
| | | $i_E$ | 30 14 | 3 | | +7 | | | |
| | | iZ | 30 34 | 4 | | | +7 | | |
| | | $i_N$ | 31 09 | 4 | +17 | | | | |
| | | $i_E$ | 31 11 | 3 | | +8 | | | |
| | | $i_{EZ}$ | 31 16 | 3 | | +11 | +6 | | |

(Continued on next page)

1956, April.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 161 | Apr.20 | $i_{NZ}$ | 15 31 36 | 3 | +11 | | +12 | | |
| cont. | | $i_E$ | 32 48 | 4 | | +18 | | | |
| | | MNEZ | 34.7 | 7 | 15 | 14 | 10 | | |
| 162 | 20 | $(i)_Z$ | 16 48 02 | 3 | | | +4 | | Masked by microseism |
| | | $i(P)_Z$ | 49 12 | 4 | | | +2 | | |
| | | $i_V$ | 49 18 | 1½ | | | - | | |
| | | $i(PPP)_V$ | 53 57 | 2 | | | + | | |
| 163 | 21 | $(iP)_Z$ | 00 09 13 | 5 | | | +5 | | Masked by microseism |
| 164 | 22 | $(iP)_V$ | 03 53 17 | 1 | | | + | | |
| | | $(iS)_N$ | 57 18 | 4 | +3 | | | | |
| 165 | 22 | $eP_Z$ | 04 46 48 | | | | | 27°6 | H 04 40 57 |
| | | $i_Z$ | 46 54 | 5 | | | -2 | | |
| | | $i_N$ | 47 29 | 4 | -1 | | | | |
| | | $i_Z$ | 47 31 | 4 | | | -2 | | |
| | | $i_Z$ | 47 43 | 4 | | | +2 | | |
| | | $i_N$ | 49 15 | 4 | -2 | | | | |
| | | $iS_N$ | 51 29 | 5 | -3 | | | | |
| | | $i_N$ | 51 39 | 4 | +3 | | | | |
| | | $e_N$ | 51 52 | 18 | | | | | |
| | | $i_{EZ}$ | 51 55 | 6 | | +4 | -5 | | |
| | | $e_Z$ | 51 58 | 18 | | | | | |
| | | $i_E$ | 54 06 | 7 | | +7 | | | |
| | | $eL_Z$ | 55.6 | 32 | | | | | |
| | | ME | 57.7 | 17 | | 4 | | | |
| | | MZ | 58.2 | 17 | | | 13 | | |
| | | MN | 58.3 | 17 | 6 | | | | |
| 166 | 22 | $(eP)_Z$ | 17 35 28 | | | | | (97°1) | |
| | | $iS_E$ | 46 49 | 5 | | -2 | | | |
| | | $i_N$ | 47 05 | 4 | +1 | | | | |
| | | $eL_Z$ | 18 07.4 | 21 | | | | | |
| 167 | 23 | iPV | 03 43 36 | 1½ | | | + | 76°5 | [illegible]ression |
| | | iPcPV | 43 50 | 1½ | | | + | | [illegible]1 42 |
| | | $eS_N$ | 53 21 | | | | | | |
| | | $e_E$ | 53 31 | | | | | | |
| | | $e(SS)_N$ | 58 00 | | | | | | |
| | | $eLQ_E$ | 04 03.7 | 18 | | | | | |
| | | $eLR_Z$ | 07.7 | 22 | | | | | |
| | | MNZ | 13.5 | 20 | 2 | | | | |
| 168 | 23 | $(P)_Z$ | 08 41 41 | 2 | | | | | |
| | | MZ | 09 20.3 | 20 | | | | | |
| | | MN | 20.9 | 19 | 3 | | | | |
| 169 | 25 | $iP_Z$ | 08 35 43 | 3 | | | | | |
| | | $i_Z$ | 35 49 | 3 | | | | | |
| | | $ePP_Z$ | 36 30 | | | | | | |
| | | $i_Z$ | 38 20 | 6 | | | | | |
| | | $i(PcP)_Z$ | 38 59 | 5 | | | | | |
| | | $iS_N$ | 40 23 | 7 | +3 | | | | |
| | | $i_E$ | 40 29 | 5 | | -2 | | | |
| | | $i_E$ | 40 37 | 6 | | -6 | | | |
| | | $i_E$ | 40 59 | 6 | | +5 | | | |
| | | $i_N$ | 41 32 | 5 | -3 | | | | |
| | | $i_E$ | 41 37 | 6 | | +4 | | | |
| | | $eL_E$ | 42.9 | 30 | | | | | |
| | | $eL_Z$ | 43.1 | 25 | | | | | [illegible]E from Mainka. |
| | | MEZ | 44.5 | 18 | | 5 | 10 | | |
| | | MN | 47.6 | 10 | 8 | | | | |
| 170 | 26 | $e_Z$ | 07 47 56 | | | | | | Obscured by very large microseisms. |
| | | $e_Z$ | 50 19 | | | | | | |
| | | $i(PcP)_Z$ | 50 54 | 4 | | | +8 | | |
| | | $e(S)_E$ | 52 14 | 7 | | | | | |
| | | $i(SS)_N$ | 53 24 | 4 | +6 | | | | |
| | | MZ | 56.3 | 17 | | | 8 | | |
| | | ME | 58.4 | 15 | | 3 | | | |
| | | MN | 59.5 | 12 | 5 | | | | |
| 171 | 26 | $(iP)_V$ | 11 49 40 | 1½ | | | + | | Masked by large microseisms. |

2 Shocks

1956, April-May.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.



| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 172 | Apr.28 | i(P)Z | 15 00 18 | 3 | | | +2 | | Compression. Masked |
| | | iZ | 00 21 | 3 | | | +4 | | by microseisms. |
| | | iV | 00 53 | 1½ | | | + | | |
| | | iV | 01 08 | 1½ | | | - | | |
| | | i(S)N | 04 46 | 4 | -1 | | | | |
| | | eLEZ | 06.7 | 24 | | | | | |
| | | MN | 07.8 | 18 | 2 | | | | |
| | | MEZ | 08.0 | 21 | | 2 | 5 | | |
| Minor activity: 7d 22.6h; 11d 14.7h, 18.2h. | | | | | | | | | |
| 173 | May 1 | iPV | 02 51 26 | 1 | | | + | | Compr. Masked by large microseisms. |
| 174 | 1 | (i)V | 11 10 03 | 1½ | | | + | | Masked by large |
| | | iZ | 10 27 | 4 | | | +5 | | microseisms. |
| | | iN | 10 41 | 4 | +5 | | | | |
| | | eLE | 13.9 | 17 | | | | | |
| | | MNE | 16.1 | 10 | 3 | 5 | | | |
| 175 | 1 | (i)V | 13 03 48 | | | | + | | Masked by large |
| | | (i)V | 04 12 | | | | + | | microseisms. |
| | | iV | 04 33 | | | | + | | |
| | | i(S)N | 09 55 | 4 | -2 | | | | |
| | | eLN | 12.3 | 16 | | | | | |
| 176 | 2 | (iP)V | 02 51 52 | 1½ | | | + | | Compr. Masked by |
| | | e(S)N | 57 02 | | | | | | large microseisms. |
| 177 | 4 | (P)Z | 14 20 59 | 3 | | | | | Masked by microseism |
| | | eLN | 29.6 | 18 | | | | | |
| | | ME | 33.0 | 18 | | 2 | | | |
| 178 | 5 | iPZ | 03 29 28 | 3 | | | +2 | | Compression. Masked |
| | | eLE | 40.6 | 25 | | | | | by large microseisms |
| | | MN | 42.7 | 12 | 2 | | | | |
| | | ME | 43.7 | 17 | | 4 | | | |
| 179 | 7 | iPZ | 11 06 23 | 4 | | | +5 | 43°9 | Compression |
| | | isPZ | 06 29 | 4 | | | +12 | | H 10 58 13 |
| | | iPPPZ | 08 47 | 5 | | | +7 | | |
| | | iSE | 12 55 | 7 | | -12 | | | |
| | | iSN | 12 56 | 7 | -5 | | | | |
| | | iZ | 13 03 | 7 | | | +13 | | |
| | | mE | 13 03 | 11 | | 16 | | | |
| | | iN | 13 19 | 7 | -5 | | | | |
| | | iE | 13 20 | 7 | | -5 | | | |
| | | iE | 15 19 | 7 | | +7 | | | |
| | | iE | 16 15 | 5 | | +8 | | | |
| | | iScSN | 16 24 | 7 | +15 | | | | |
| | | eN | 16.5 | 20 | | | | | |
| | | iN | 17 15 | 6 | -9 | | | | |
| | | eLN | 17.4 | 30 | | | | | |
| | | eLREZ | 18.8 | 30 | | | | | |
| | | MN | 20.7 | 19 | 26 | | | | |
| | | MZ | 21.3 | 19 | | | 30 | | |
| | | ME | 21.6 | 18 | | 46 | | | |
| 180 | 7 | (iP)Z | 18 47 00 | 4 | | | +4 | | Compression. Masked |
| | | e(S)N | 53 35 | 6 | | | | | by microseisms. |
| | | eLE | 59.5 | 25 | | | | | |
| | | ME | 19 02.9 | 18 | | 3 | | | |
| 181 | 8 | i(S)N | 03 25 55 | 4 | +3 | | | | Masked by microseism |
| 182 | 8 | i(P)V | 12 52 58 | 1 | | | + | | Compression |
| 183 | 10 | iPgNV | 02 20 08 | ¼ | | | + | 0°2 | Compression |
| | | iSgV | 20 11 | ½ | | | + | | H 02 20 04 |
| 184 | 11 | e(S)E | 16 00 20 | | | | | | |
| | | eLN | 17.4 | 23 | | | | | |
| | | ME | 27.0 | 20 | | 1 | | | |
| | | MN | 28.1 | 18 | 2 | | | | |
| 185 | 12 | PV | 23 47 23 | ¼ | | | | 1°9 | Felt at Gunning, |
| | | iSNEV | 47 48 | ½ | | | + | | New South Wales. |
| 187 | 14 | (iP)V | 05 31 28 | 1½ | | | + | | Compression. Masked |
| | | (iP)Z | 31 29 | 3 | | | +3 | | by microseisms. |
| | | eN | 36 06 | | | | | | |

RIVERVIEW COLLEGE OBSERVATORY.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 188 | May 19 | $(iP)_V$ | 00 26 51 | 1 | | | + | | Compression. Maske |
| | | $i_V$ | 26 54 | 1 | | | - | | by microseisms. |
| | | $i(PP)_V$ | 27 28 | 1 | | | + | | |
| | | $i_E$ | 31 14 | 4 | | | | | |
| | | $e(S)_E$ | 31 26 | 12 | | | | | |
| | | $i_N$ | 31 33 | 5 | +4 | | | | |
| | | $i_{NE}$ | 33 39 | 5 | -6 | + | | | |
| | | $eL_E$ | 33.9 | 20 | | | | | |
| | | $MZ$ | 35.1 | 19 | | | 8 | | |
| | | $MNE$ | 35.4 | 15 | 6 | 3 | | | |
| 189 | 19 | $iP_Z$ | 01 36 24 | 2 | | | +4 | 27°ca | Compression |
| | | $i(sP)_V$ | 36 38 | 1½ | | | + | | H 01 30 39 |
| | | $i_{NZ}$ | 37 01 | 4 | +4 | | -9 | | |
| | | $i_N$ | 40 51 | 5 | -4 | | | | |
| | | $i_E$ | 40 53 | 4 | | +5 | | | |
| | | $iS_{NE}$ | 41 00 | 7 | -16 | +10 | | | |
| | | $i_E$ | 41 14 | 6 | | +6 | | | |
| | | $i(sS)_N$ | 41 18 | 5 | +12 | | | | |
| | | $i_Z$ | 41 21 | 5 | | | +11 | | |
| | | $i_N$ | 41 36 | 5 | +16 | | | | |
| | | $i_E$ | 41 38 | 7 | | +8 | | | |
| | | $i_N$ | 41 51 | 9 | +34 | | | | |
| | | $i_N$ | 42 01 | 6 | +9 | | | | |
| | | $i_E$ | 42 08 | 8 | | -25 | | | |
| | | $i_N$ | 42 09 | 6 | +27 | | | | |
| | | $i_N$ | 42 26 | 4 | +14 | | | | |
| | | $i_Z$ | 42 40 | 6 | | | +10 | | |
| | | $i_N$ | 42 41 | 7 | -23 | | | | |
| | | $i_E$ | 42 43 | 7 | | +29 | | | |
| | | $i_N$ | 43 10 | 6 | -24 | | | | |
| | | $eL_N$ | 43.6 | 26 | | | | | |
| | | $eL_E$ | 43.8 | 26 | | | | | |
| | | $eL_Z$ | 44.4 | 28 | | | | | |
| | | $ME$ | 45.9 | 15 | | 18 | | | |
| | | $MNZ$ | 46.9 | 16 | 28 | | 27 | | |
| 190 | 19 | $(eP)_Z$ | 20 14 30 | | | | | 81°ca | |
| | | $iP_Z$ | 14 33 | 4 | | | +4 | | Compression |
| | | $i_{NZ}$ | 16 08 | 5 | +6 | | +5 | | |
| | | $iPP_Z$ | 17 47 | 4 | | | +7 | | |
| | | $i_N$ | 24 27 | 5 | +4 | | | | |
| | | $eS_N$ | 24 39 | ? | | | | | |
| | | $e_E$ | 25 04 | 21 | | | | | |
| | | $ePS_Z$ | 25 25 | 16 | | | | | |
| | | $ePPS_{NE}$ | 25 47 | 18 | | | | | |
| | | $i_E$ | 27 12 | 6 | | +7 | | | |
| | | $iSS_{NE}$ | 29 59 | 10 | -13 | -7 | | | |
| | | $i_N$ | 32 51 | 4 | +6 | | | | |
| | | $eSSS_N$ | 33 19 | 25 | | | | | |
| | | $eLQ_E$ | 35.8 | 33 | | | | | |
| | | $eLR_Z$ | 39.8 | 30 | | | | | |
| | | $MNEZ$ | 44.1 | 19 | 25 | 13 | 20 | | |
| 191 | 21 | $(P)_Z$ | 22 56 10 | | | | | | |
| | | $(S)_N$ | 23 01 34 | | | | | | |
| | | $eL_E$ | 03.7 | 20 | | | | | |
| | | $MNE$ | 05.4 | 16 | 2 | 2 | | | |
| | | $MZ$ | 05.9 | 18 | | | 3 | | |
| 192 | 22 | $(iP)_V$ | 02 13 27 | 1 | | | + | | |
| 193 | 22 | $iP_Z$ | 03 08 16 | 3 | | | +3 | 37°0 | Compression |
| | | $iPPE_Z$ | 09 45 | 4 | | -4 | +5 | | H 03 01 03 |
| | | $iPPP_N$ | 10 04 | 5 | +4 | | | | |
| | | $eS_{NE}$ | 14 02 | 6 | | | | | |
| | | $i_E$ | 14 26 | 12 | | -10 | | | |
| | | $e_N$ | 16 46 | 21 | | | | | |
| | | $eSSS_N$ | 16 59 | ? | | | | | |
| | | $i_N$ | 17 08 | 9 | -8 | | | | |
| | | $eLR_E$ | 18.3 | 28 | | | | | |
| | | $ME$ | 22.9 | 16 | | 11 | | | |
| | | $MNZ$ | 25.2 | 14 | 6 | | 11 | | |

1956, May.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) h m s | Per. s | Amplitude $A_N$ μ | $A_E$ μ | $A_Z$ μ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | | | | | | | |
| 194 | May 22 | iPNEZ | 13 41 41 | 2 | +8 | +2 | -17 | 29°8 | Dilatation |
| | | ipPNZ | 43 08 | 2 | - | | +(13) | | pP partly obscured |
| | | iV | 43 12 | 1½ | | | + | | |
| | | iZ | 43 17 | 2 | | | +4 | | h 0.075, |
| | | isP$_N$ | 44 07 | 3 | +4 | | | | H 13 36 15 |
| | | isPV | 44 08 | 1½ | | | + | | |
| | | iZ | 44 13 | 4 | | | -4 | | |
| | | iZ | 44 25 | 3 | | | +7 | | |
| | | iNZ | 44 37 | 4 | +6 | | -5 | | |
| | | iZ | 44 47 | 4 | | | -11 | | |
| | | iN | 44 59 | 6 | +7 | | | | |
| | | iZ | 45 08 | 5 | | | -9 | | |
| | | iE | 45 21 | 3 | | +4 | | | |
| | | iZ | 45 30 | 4 | | | -6 | | |
| | | iNE | 45 31 | 4 | +8 | +5 | | | |
| | | iZ | 45 46 | 3 | | | +10 | | |
| | | iZ | 46 01 | 4 | | | +6 | | |
| | | iS$_{NE}$ | 46 02 | 5 | +17 | -29 | | | |
| | | iNZ | 46 09 | 5 | +13 | | -9 | | |
| | | iZ | 47 26 | 5 | | | -9 | | |
| | | iN | 47 36 | 5 | +11 | | | | |
| | | iZ | 47 55 | 4 | | | +6 | | |
| | | iZ | 48 38 | 7 | | | +16 | | |
| | | isS$_N$ | 48 39 | 6 | +13 | | | | |
| | | iSS$_E$ | 48 44 | 6 | | +20 | | | |
| | | iN | 48 53 | 6 | +42 | | | | |
| | | iE | 48 55 | 4 | | +14 | | | |
| | | iN | 49 04 | 5 | +16 | | | | |
| | | iE | 49 38 | 6 | | -21 | | | |
| | | iN | 49 56 | 5 | +13 | | | | |
| | | iZ | 49 57 | 5 | | | +7 | | |
| | | iE | 50 05 | 6 | | -16 | | | |
| | | iN | 50 47 | 4 | +7 | | | | |
| | | iE | 50 55 | 6 | | | | | |
| | | iScS$_N$ | 51 19 | 4 | +8 | | | | |
| | | iE | 51 23 | 6 | | +21 | | | |
| | | iZ | 51 25 | 4 | | | +18 | | |
| | | iE | 51 48 | 5 | | -15 | | | |
| | | iE | 52 09 | 7 | | +22 | | | |
| | | iN | 53 37 | 7 | -32 | | | | |
| | | iN | 53 48 | 8 | -24 | | | | |
| | | iE | 53 50 | 6 | | -10 | | | |
| | | iN | 54 05 | 8 | -31 | | | | |
| | | MZ | 54.2 | 16 | | | 29 | | |
| | | i$_N$ | 54 22 | 9 | -39 | | | | |
| 197 | 23 | iPNEZ | 20 54 28 | 4 | +11 | +24 | -37 | 32°9 | Dilatation |
| | | iZ | 55 46 | 4 | | | -42 | | h 0.065, |
| | | ipPNE | 55 50 | 4 | +12 | -59 | | | H 20 48 31 |
| | | iPP$_E$ | 55 58 | 4 | | +52 | | | |
| | | iPP$_N$ | 56 00 | 4 | +23 | | | | |
| | | iE | 56 08 | 4 | | +53 | | | |
| | | iE | 56 16 | 4 | | +42 | | | |
| | | iN | 56 30 | 4 | +31 | | | | |
| | | isP$_Z$ | 56 37 | 4 | | | + | | |
| | | isP$_E$ | 56 40 | 5 | | -25 | | | |
| | | iZ | 57 08 | 4 | | | +35 | | |
| | | iN | 57 13 | 4 | -23 | | | | |
| | | iE | 57 50 | 6 | | +60 | | | |
| | | iE | 57 57 | 6 | | -62 | | | |
| | | iS$_{NE}$ | 59 14 | 8 | >+270 | -250 | | | |
| | | i$_N$ | 21 02 09 | 6 | -29* | | | | *From Mainka. |
| | | i$_{NE}$ | 02 12 | 9 | -52* | -70* | | | |
| | | i$_N$ | 02 27 | 9 | -100* | | | | |
| | | iScS$_N$ | 04 00 | 6 | -12* | | | | |
| | | i$_N$ | 04 08 | 8 | -28* | | | | |
| | | i$_E$ | 04 15 | 9 | | -62* | | | |

1956, May.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 198 | May 24 | $iP_V$ | 13 59 24 | 1½ | | | + | 22°3 | Compression |
| | | $eS_N$ | 14 03 25 | | | | | | |
| | | $eL_N$ | 04.2 | 20 | | | | | |
| | | MNE | 07.1 | 15 | 1 | 1 | | | |
| 201 | 25 | $(P)_Z$ | 12 18 56 | | | | | | Masked by microseis |
| | | $eL_E$ | 26.3 | 21 | | | | | |
| | | MNEZ | 27.7 | 16 | 1 | 1 | 2 | | |
| 203 | 26 | $eP_Z$ | 08 37 46 | 3 | | | | 37°7 | H 08 30 27 |
| | | $iPP_N$ | 39 15 | 5 | +3 | | | | Microseisms present |
| | | $i(PP)_Z$ | 39 19 | 5 | | | +3 | | |
| | | $iE$ | 39 54 | 5 | | +5 | | | |
| | | $eE$ | 43 26 | 14 | | | | | |
| | | $iS_N$ | 43 35 | 5 | +3 | | | | |
| | | $iE$ | 43 44 | 5 | | +4 | | | |
| | | $iN$ | 43 45 | 5 | -3 | | | | |
| | | $iN$ | 44 00 | 5 | +2 | | | | |
| | | $iZ$ | 45 00 | 4 | | | -4 | | |
| | | $eSS_N$ | 46 08 | 13 | | | | | |
| | | $eE$ | 46 16 | 11 | | | | | |
| | | $iN$ | 46 27 | 7 | +5 | | | | |
| | | $iN$ | 46 55 | 5 | +4 | | | | |
| | | $eL_Z$ | 49.3 | 27 | | | | | |
| | | MN | 52.4 | 18 | 12 | | | | |
| | | MEZ | 54.5 | 14 | | 18 | 15 | | |
| 204 | 26 | $iP_Z$ | 20 26 58 | 2 | | | +5 | 30°4 | Compression |
| | | iPNE | 26 59 | 2 | +3 | +4 | | | h 0.09 |
| | | iEZ | 27 10 | 2 | | +3 | -2 | | H 20 21 32 |
| | | $ipP_E$ | 28 35 | 3 | | -2 | | | |
| | | $ipP_{NZ}$ | 28 36 | 3 | +3 | | -3 | | |
| | | $iZ$ | 28 44 | 3 | | | +7 | | |
| | | $iE$ | 28 47 | 4 | | +6 | | | |
| | | $iN$ | 29 05 | 4 | +4 | | | | |
| | | $iZ$ | 29 14 | 3 | | | -5 | | |
| | | $iZ$ | 29 51 | 3 | | | +7 | | |
| | | $iS_{NEZ}$ | 31 19 | 5 | -44 | +29 | +11 | | |
| | | $iN$ | 31 34 | 5 | +15 | | | | |
| | | $iN$ | 31 40 | 5 | +22 | | | | |
| | | $iZ$ | 31 48 | 4 | | | -7 | | |
| | | $iE$ | 31 51 | 5 | | +20 | | | |
| | | $iZ$ | 32 00 | 4 | | | +8 | | |
| | | $iN$ | 32 22 | 6 | -13 | | | | |
| | | $iZ$ | 32 26 | 4 | | | -13 | | |
| | | $iN$ | 32 45 | 8 | -18 | | | | |
| | | $iN$ | 33 36 | 7 | -14 | | | | |
| | | $i(SS)_N$ | 34 06 | 7 | -11 | | | | |
| | | $iZ$ | 34 26 | 9 | | | +16 | | |
| | | $iSS_E$ | 34 28 | 6 | | +15 | | | |
| | | $iN$ | 34 29 | 7 | +24 | | | | |
| | | $iNE$ | 34 36 | 8 | +45 | -40 | | | |
| | | $iE$ | 34 51 | 7 | | -50 | | | |
| | | $iNZ$ | 34 54 | 8 | -45 | | -22 | | |
| | | $iE$ | 35 01 | 7 | | +29 | | | |
| | | $iZ$ | 35 10 | 7 | | | -23 | | |
| | | $iN$ | 35 49 | 8 | -19 | | | | $iN$ 36 13, -64μ |
| | | $iScS_{NE}$ | 36 22 | 3 | +61 | -8 | | | |
| | | $iN$ | 36 33 | 10 | +42 | | | | |
| | | $iN$ | 36 56 | 8 | -39 | | | | |
| 205 | 27 | $iP_V$ | 17 03 16 | 1½ | | | - | | Dilatation |
| | | $iPP_V$ | 04 36 | 1½ | | | + | | |
| | | $i_V$ | 04 44 | 1½ | | | + | | |
| | | $iS_N$ | 08 20 | 3 | +3 | | | | |
| | | $i(SS)_E$ | 10 34 | 4 | | +5 | | | |
| | | $iNE$ | 10 49 | 4 | +3 | -3 | | | |
| | | $iN$ | 11 11 | 5 | +5 | | | | |
| | | $iZ$ | 11 36 | 4 | | | -4 | | |
| | | $iNE$ | 11 53 | 3 | +4 | -5 | | | |
| | | $iNE$ | 12 04 | 5 | -7 | -5 | | | |
| | | $iZ$ | 12 17 | 3 | | | +4 | | (Continued on next page) |

1956, May-June.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 205 cont. | May 27 | iZ | 17 12 31 | 4 | | | +7 | | |
| | | iE | 12 36 | 4 | | +10 | | | |
| | | iN | 12 41 | 4 | +9 | | | | |
| | | iN | 12 55 | 4 | +9 | | | | |
| | | iE | 12 56 | 4 | | +6 | | | |
| | | iZ | 13 02 | 4 | | | +5 | | |
| | | iN | 13 08 | 4 | -6 | | | | |
| | | iE | 13 11 | 4 | | +9 | | | |
| | | iE | 13 22 | 4 | | +7 | | | |
| | | iE | 13 37 | 4 | | +5 | | | |
| | | iE | 13 44 | 3 | | +13 | | | |
| | | iZ | 13 45 | 4 | | | +5 | | |
| | | iN | 13 47 | 4 | -11 | | | | |
| | | iN | 13 54 | 4 | -10 | | | | |
| | | iN | 14 01 | 4 | -10 | | | | |
| | | iZ | 14 03 | 4 | | | +7 | | |
| | | iE | 14 05 | 3 | | +6 | | | |
| | | iE | 14 17 | 4 | | +7 | | | |
| | | iN | 14 23 | 3 | +5 | | | | |
| | | iZ | 14 32 | 4 | | | +7 | | |
| | | iN | 14 35 | 3 | +5 | | | | |
| | | MNE | 15.2 | 8 | 12 | 10 | | | |
| 206 | 28 | (eP)V | 09 24 23 | | | | | | |
| | | iV | 24 43 | 1½ | | | + | | |
| | | iV | 26 09 | 1½ | | | + | | |
| 207 | 28 | iPZ | 13 31 23 | 3 | | | +4 | 44°5 | Compression |
| | | iPcPZ | 33 06 | 3 | | | +4 | | h 0.01, |
| | | iPPV | 33 11 | 1 | | | + | | H 13 23 20 |
| | | iSE | 37 50 | 5 | | -3 | | | |
| | | iNE | 37 58 | 5 | -3 | +3 | | | |
| | | esSE | 38 31 | 9 | | | | | |
| | | iN | 38 36 | 8 | -3 | | | | |
| | | iSSN | 41 05 | 7 | +5 | | | | |
| | | MNE | 47.1 | 18 | 3 | 2 | | | |
| 208 | 30 | (iP)V | 04 46 02 | 1½ | | | + | | Compression |
| | | (iPP)V | 46 53 | 1½ | | | + | | Masked bymicroseisms |
| | | (eS)N | 50 54 | | | | | | & non-seismic waves. |
| | | (eL)N | 54.0 | | | | | | |
| | | MN | 58.3 | 18 | 4 | | | | |
| | | ME | 58.9 | 16 | | 4 | | | |
| 210 | 30 | iPZ | 15 47 29 | 2 | | | +1 | | Compression |
| | | i(pP)V | 48 39 | 1½ | | | + | | h 0.05 ca. |
| | | i(PP)V | 48 45 | 1½ | | | + | | Masked by microseism |
| | | i(S)NE | 51 51 | 4 | -2 | +2 | | | |
| | | iE | 54 22 | 5 | | -2 | | | |
| | | iNZ | 54 27 | 5 | -3 | | +4 | | |
| | | iN | 55 56 | 5 | -2 | | | | |
| | | iN | 57 39 | 6 | -2 | | | | |
| | | iN | 58 46 | 4 | +3 | | | | |
| 212 | 31 | iPgV | 02 08 35 | ¼ | | | + | 0°3 | Compression |
| | | iSgV | 08 39 | ½ | | | + | | H 02 08 29 |
| | | iV | 08 43 | ¾ | | | | | |
| Minor activity: 13d 08.8h; 23d 03.8h, 10.9h; 24d 20.3h; 25d 01.5h, 19.2h; 30d 06.5h, 18.9h | | | | | | | | | |
| 213 | June 3 | PZ | 18 57 59 | | | | | (27°5) | H (18 52 09) |
| | | e(S)N | 19 02 39 | | | | | | Masked by microseism |
| | | eLQN | 03.6 | 18 | | | | | |
| | | eLRE | 04.7 | 23 | | | | | |
| | | MNZ | 06.3 | 19 | 5 | | 8 | | |
| | | ME | 06.7 | 18 | | 6 | | | |
| 215 | 4 | e(SKS)N | 07 33 03 | 5 | | | | | |
| | | eE | 33 10 | 6 | | | | | |
| | | e(SKKS)E | 33 20 | 10 | | | | | |
| | | e(S)E | 33 30 | ? | | | | | |
| | | eSSE | 39 50 | 17 | | | | | |
| | | eLE | 50.8 | 19 | | | | | |

1956, June.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per | Amplitude | | | Δ | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 216 | June 4 | $iP_Z$ | 22 11 26 | 2 | | | -2 | 26°1 | Dilatation |
| | | $i_Z$ | 11 30 | 3 | | | +7 | | H 12 04 50 |
| | | $i_{EZ}$ | 11 36 | 3 | | -4 | +7 | | |
| | | $i_Z$ | 11 57 | 4 | | | +5 | | |
| | | $iPP_E$ | 12 07 | 8 | | +8 | | | |
| | | $iPPP_{NZ}$ | 12 20 | 4 | +3 | | +4 | | |
| | | $i_{EZ}$ | 12 32 | | | +7 | -4 | | $T_E$=7s, $T_Z$=4s. |
| | | $iS_{NE}$ | 15 56 | 6 | +2 | -2 | | | |
| | | $i_E$ | 16 13 | 6 | | +3 | | | |
| | | $i_N$ | 16 19 | 7 | +6 | | | | |
| | | $i_E$ | 16 39 | 7 | | -5 | | | |
| | | $i_N$ | 16 50 | 9 | -7 | | | | |
| | | $i_E$ | 16 57 | 7 | | -3 | | | |
| | | $iSSS_N$ | 17 18 | 9 | +14 | | | | |
| | | $i_E$ | 17 47 | 9 | | -6 | | | |
| | | $eL_E$ | 18.4 | 22 | | | | | |
| | | MNEZ | 20.8 | 16 | 16 | 19 | 7 | | |
| 217 | 4 | $(eP)_Z$ | 18 42 51 | | | | | | Masked by microseisms |
| | | $i(sP)_Z$ | 43 16 | 2 | | | +3 | | |
| | | $i(S)_N$ | 47 17 | 4 | +2 | | | | |
| | | $eL_N$ | 50.8 | 15 | | | | | |
| 219 | 5 | $iP_Z$ | 06 10 44 | 4 | | | -2 | 68°6 | Dilatation |
| | | $eS_N$ | 19 46 | 9 | | | | | H 05 59 37 |
| | | $ePS_E$ | 20 09 | 7 | | | | | |
| | | $e_E$ | 20 17 | 21 | | | | | |
| | | $i_N$ | 20 52 | 7 | +5 | | | | |
| | | $i_E$ | 24 35 | 6 | | +5 | | | |
| | | $e_N$ | 24 37 | 7 | | | | | |
| | | $eLR_E$ | 31.1 | 26 | | | | | |
| | | MNEZ | 35.9 | 18 | 7 | 7 | 5 | | |
| | 5 | $i(P)_V$ | 15 40 42 | 1 | | | + | | Compression |
| 220 | 8 | $iP_Z$ | 12 35 38 | 2 | | | +3 | 27°6 | Compression |
| | | $iPP_Z$ | 36 32 | 3 | | | +2 | | H 12 29 47 |
| | | $eS_N$ | 40 19 | | | | | | Microseisms present. |
| | | $i_N$ | 40 35 | 4 | +2 | | | | |
| | | $i_E$ | 42 25 | 5 | | +3 | | | |
| | | $eL_N$ | 43.0 | 26 | | | | | |
| | | MZ | 44.5 | 22 | | | 4 | | |
| | | ME | 44.8 | 17 | | 3 | | | |
| | | MN | 46.1 | 16 | 3 | | | | |
| | | $iScS_E$ | 46 18 | 6 | | +3 | | | |
| 222 | 8 | $iP_Z$ | 21 04 15 | 3 | | | +1 | | Compression |
| | | $i(PP)_Z$ | 05 03 | 4 | | | -2 | | Masked by microseism |
| | | $e(S)_N$ | 09 05 | | | | | | |
| | | $i_N$ | 09 33 | 6 | +4 | | | | |
| | | $i_N$ | 09 51 | 7 | -3 | | | | |
| | | $i_E$ | 10 15 | 6 | | -3 | | | |
| | | $i_N$ | 10 29 | 7 | +5 | | | | |
| | | $eL_N$ | 11.4 | 20 | | | | | |
| | | MNEZ | 14.1 | 16 | 4 | 2 | 4 | | |
| 223 | 9 | $(P)_Z$ | 05 42 59 | | | | | | Obscured by micro- |
| | | $i_N$ | 47 38 | 4 | -3 | | | | seisms. |
| | | $e_N$ | 47 55 | | | | | | |
| | | $i_N$ | 48 19 | 3 | -2 | | | | |
| | | $i_E$ | 50 20 | 6 | | -3 | | | |
| | | $eL_E$ | 51.4 | 20 | | | | | |
| | | $eL_Z$ | 52.0 | 24 | | | | | |
| | | MNEZ | 54.0 | 19 | 3 | 4 | 4 | | |
| 224 | 9 | $iP_Z$ | 10 22 33 | 3 | | | +4 | 105° ca | Compression |
| | | $i_{EZ}$ | 23 00 | 4 | | +2 | -2 | | h 0.00 |
| | | $i_N$ | 25 37 | 4 | +4 | | | | Microseisms present |
| | | $iPP_Z$ | 27 07 | 4 | | | +7 | | |
| | | $i_N$ | 31 05 | 5 | -3 | | | | |
| | | $iSKS_{NE}$ | 33 15 | 5 | +8 | -6 | | | |
| | | $i_N$ | 33 38 | 5 | +4 | | | | |
| | | $e_{NE}$ | 36 04 | | | | | | |
| | | $iPS_N$ | 36 09 | 4 | -4 | | | | |

(Continued on next page)

1956, June.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.



| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 224 | June 9 | iPSEZ | 10 36 12 | 6 | | -4 | +6 | | |
| cont. | | iN | 36 22 | 4 | +3 | | | | |
| | | iE | 36 25 | 5 | | +4 | | | |
| | | iN | 37 09 | 4 | +3 | | | | |
| | | eE | 39 44 | 16 | | | | | |
| | | eN | 39 47 | 15 | | | | | |
| | | eSSE | 41 38 | 12 | | | | | |
| | | iE | 41 51 | 4 | | +5 | | | |
| | | iE | 42 19 | 4 | | +5 | | | |
| | | eSSSE | 45 42 | 13 | | | | | |
| | | iE | 45 54 | 5 | | -5 | | | |
| | | eN | 45 56 | 16 | | | | | |
| | | eE | 47.3 | 30 | | | | | |
| | | eGE | 52.2 | 43 | | | | | |
| | | eLNE | 52.9 | 30 | | | | | |
| | | eLRNZ | 56.7 | 28 | | | | | |
| | | MNEZ | 11 02.2 | 19 | 12 | 13 | 17 | | |
| 225 | 9 | (iP)Z | 23 27(56) | 4 | | | +5 | 104°4 | Compression |
| | | iZ | 28(22) | 4 | | | -7 | | H 23 13 (49) |
| | | iE | 28(43) | 5 | | -4 | | | P confused by large |
| | | iPPZ | 32(17) | 5 | | | +14 | | microseisms. |
| | | iPPE | 32(18) | 6 | | +11 | | | |
| | | iZ | 33(07) | 5 | | | -16 | | No time marks until |
| | | iPPPZ | 34(33) | 4 | | | -11 | | 23h 56m. |
| | | iSKSE | 38(40) | 6 | | -13 | | | |
| | | iNE | 38(48) | 10 | -15 | +22 | | | |
| | | iSN | 39(51) | 6 | +13 | | | | |
| | | iPSE | 41(28) | 9 | | - | | | |
| | | iPSN | 41(29) | 9 | +14 | | | | |
| | | iZ | 41(35) | 7 | | | +35 | | |
| | | iE | 41(46) | 9 | | +20 | | | |
| | | iPPSN | 42(18) | 7 | +19 | | | | |
| | | iPPSE | 42(19) | 9 | | -23 | | | |
| | | iZ | 42(25) | 7 | | | +26 | | |
| | | iN | 44(20) | 6 | +12 | | | | |
| | | iSSE | 47(11) | 12 | | +26 | | | |
| | | iSSN | 47(14) | 7 | +19 | | | | |
| | | iZ | 47(18) | 7 | | | -19 | | |
| | | iE | 47(33) | 9 | | -37 | | | |
| | | iZ | 47(43) | 6 | | | +16 | | |
| | | eE | 47.6 | 35 | | | | | |
| | | iN | 49(53) | 6 | -18 | | | | |
| | | i(SSS)E | 51(17) | 10 | | -20 | | | |
| | | iN | 51(37) | 7 | -21 | | | | |
| | | eN | 51.7 | 30 | | | | | |
| | | eE | 51.8 | 30 | | | | | |
| | | eLQN | 56.3 | 35 | | | | | |
| | | eLE | 57.5 | 30 | | | | | |
| | | eLN | 24 03.2 | 30 | | | | | |
| | | eLEZ | 04.5 | 40 | | | | | |
| | | MN | 14.8 | 19 | 49 | | | | |
| | | MEZ | 16.8 | 21 | | 120 | 120 | | |
| 226 | 12 | (iS)E | 03 35 08 | 4 | | +3 | | | Masked by large microseisms. |
| | | eLE | 46.3 | 20 | | | | | Dilatation |
| 229 | 13 | iPZ | 12 15 19 | 3 | | | -6 | | |
| | | iZ | 15 23 | 3 | | | +10 | | Masked by large |
| | | iZ | 15 44 | 4 | | | +7 | | microseisms. |
| | | ipPZ | 16 16 | 3 | | | +6 | | h 0.04 ca. |
| | | i(sP)Z | 16 45 | 4 | | | +5 | | |
| | | iZ | 16 57 | 4 | | | +6 | | |
| | | i(PP)Z | 17 06 | 4 | | | +5 | | |
| | | iE | 21 48 | 6 | | +6 | | | |
| | | iE | 24 56 | 6 | | +8 | | | |
| | | eLEZ | 29.4 | 30 | | | | | |
| | | MEZ | 33.0 | 24 | | 9 | 12 | | |
| | | | | | | | +1 | | |
| 230 | 13 | (iP)Z | 17 16 07 | 2 | | | | | Masked by large microseisms. |
| 231 | 14 | e(S)E | 17 05 32 | | | | | | |
| | | eLE | 08.4 | 24 | | | | | |

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 232 | June 15 | $iP_Z$ | 15 41 31 | 4 | | | -4 | (28°6) | Dilatation |
| | | $i(pP)_Z$ | 41 41 | 4 | | | -2 | | h (0.00), |
| | | $i_Z$ | 42 15 | 5 | | | -3 | | H (15 35 36) |
| | | $i(S)_E$ | 46 16 | 6 | | +3 | | | |
| | | $i(sS)_E$ | 46 34 | 7 | | +5 | | | |
| | | $i_Z$ | 46 43 | 5 | | | -5 | | |
| | | $i_E$ | 46 59 | 9 | | -6 | | | |
| | | $i_Z$ | 47 10 | 5 | | | +5 | | |
| | | $i_E$ | 47 11 | 7 | | -5 | | | |
| | | $i_N$ | 47 17 | 4 | +3 | | | | |
| | | $e(L)_E$ | 47.4 | 20 | | | | | |
| | | $i_N$ | 47 40 | 5 | -3 | | | | |
| | | $eLR_{EZ}$ | 48.9 | 31 | | | | | |
| | | $i_N$ | 49 11 | 6 | -4 | | | | |
| | | $MNEZ$ | 50.9 | | 6 | 10 | 11 | | $T_N$=15s, $T_{EZ}$=19s. |
| | | $i(ScS)_E$ | 52 16 | 6 | | +7 | | | |
| 233 | 16 | $(iP)_Z$ | 06 30 05 | 4 | | | +3 | | Compression. Masked |
| | | $(S)_N$ | 38 45 | 6 | | | | | by microseisms. |
| | | $eN$ | 45 38 | 16 | | | | | |
| 235 | 16 | $i(PP)_Z$ | 18 18 35 | 3 | | | -2 | | Masked by microseis |
| | | $iS_N$ | 22 32 | 6 | +4 | | | | |
| | | $eL_N$ | 24.1 | ? | | | | | |
| | | $MN$ | 29.5 | 12 | 1 | | | | |
| | | $i_N$ | 32 30 | 4 | -1 | | | | |
| | | $i_N$ | 32 45 | 4 | +3 | | | | |
| 236 | 16 | $i_Z$ | 18 36 45 | 3 | | | -2 | | Masked by micro- |
| | | $i_Z$ | 37 48 | 3 | | | +3 | | seisms & coda of |
| | | $i_N$ | 40 45 | 4 | -2 | | | | no.235. |
| | | $i_N$ | 42 15 | 5 | +3 | | | | |
| | | $MNE$ | 46.0 | | 1 | 1 | | | $T_N$=13s, $T_E$=16s. |
| | | $i_N$ | 47 29 | 4 | +3 | | | | |
| 237 | 16 | $i_Z$ | 19 42 47 | 4 | | | +2 | | Masked by microseis |
| | | $e_E$ | 47 10 | | | | | | |
| | | $i_E$ | 47 33 | 8 | | -3 | | | |
| | | $i_N$ | 48 12 | 6 | -3 | | | | |
| | | $i_N$ | 48 41 | 7 | +3 | | | | |
| | | $eL_{EZ}$ | 49.5 | 30 | | | | | |
| | | $MNEZ$ | 51.4 | | 2 | 5 | 5 | | $T_N$=15s, $T_{EZ}$ =20s. |
| 238 | 17 | $(P)_Z$ | 03 06 39 | | | | | | Masked by microseis |
| | | $ipP_{NE}$ | 07 24 | 4 | +2 | -2 | | | h 0.03 ca. |
| | | $i_{EZ}$ | 07 29 | 4 | | -4 | +4 | | |
| | | $i_N$ | 07 46 | 3 | +2 | | | | |
| | | $iS_N$ | 10 49 | 4 | +3 | | | | |
| | | $iS_E$ | 10 51 | 4 | | +2 | | | |
| | | $i_N$ | 11 09 | 4 | +3 | | | | |
| | | $i_N$ | 11 20 | 5 | +6 | | | | |
| | | $i(SS)_{NZ}$ | 12 12 | 7 | -3 | | +4 | | |
| | | $i_E$ | 12 25 | 5 | | +4 | | | |
| | | $i_N$ | 16 32 | 4 | +2 | | | | |
| | | $i_E$ | 16 37 | 4 | | -3 | | | |
| 239 | 19 | $(iP)_V$ | 00 28 48 | 1 | | | + | | Compression. Masked |
| | | $MN$ | 49.2 | 16 | 2 | | | | by non-seismic wave |
| | | $MEZ$ | 52.1 | 16 | | 2 | 3 | | |
| 240 | 20 | $i(S)_N$ | 16 42 13 | 4 | +2 | | | | Masked by microseis |
| | | $eL_E$ | 46.8 | 20 | | | | | |
| | | $ME$ | 48.5 | 19 | | 1 | | | |
| | | $MN$ | 50.2 | 12 | 1 | | | | |
| 241 | 21 | $i_N$ | 11 23 47 | 4 | +2 | | | | Beginning obscured |
| | | $i_N$ | 24 05 | 5 | +4 | | | | by microseisms. |
| | | $i_E$ | 24 16 | 5 | | +3 | | | |
| | | $eL_{NE}$ | 24.3 | 27 | | | | | |
| | | $i_Z$ | 24 46 | 4 | | | +4 | | |
| | | $i_N$ | 25 57 | 4 | +6 | | | | |
| | | $i_N$ | 27 12 | 5 | -3 | | | | |
| | | $i_E$ | 27 18 | 5 | | +6 | | | |
| | | $i_N$ | 28 43 | 5 | +5 | | | | |
| | | $i_N$ | 28 56 | 5 | +7 | | | | |
| | | $MEZ$ | 29.0 | 14 | | 3 | 3 | | |
| | | $MN$ | 29.6 | 12 | 3 | | | | |

1956, June.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 242 | June 21 | $(iΓ)_Z$ | 19 48 02 | 3 | | | +2 | | Compression. Masked |
| | | $(iS)_N$ | 54 15 | 6 | +2 | | | | by microseisms. |
| | | $(iScS)_N$ | 58 01 | 5 | -2 | | | | |
| | | $eL_E$ | 20 01.9 | 25 | | | | | |
| | | $ME$ | 03.9 | 19 | | 3 | | | |
| | | $MN$ | 05.1 | 15 | 5 | | | | |
| | | $MZ$ | 07.3 | 14 | | | 1 | | |
| 243 | 21 | $(eP)_Z$ | 20 39 40 | | | | | | Masked by microseism |
| | | $e(S)_{NE}$ | 45 39 | | | | | | & coda of no.242. |
| | | $e(SS)_N$ | 48 34 | | | | | | |
| | | $eL_E$ | 53.9 | 27 | | | | | |
| | | $MNEZ$ | 57.3 | 17 | 3 | 4 | 4 | | |
| 244 | 23 | $iP_Z$ | 02 31 08 | 3 | | | -3 | 91°0 | Dilatation |
| | | $iV$ | 31 13 | 1½ | | | - | | H 02 18 01 |
| | | $iZ$ | 31 15 | 5 | | | +5 | | |
| | | $iN$ | 41 27 | 5 | -3 | | | | |
| | | $iSKS_N$ | 41 39 | 7 | -4 | | | | |
| | | $eS_E$ | 42 03 | 6 | | | | | |
| | | $iScS_N$ | 42 06 | 4 | +3 | | | | |
| | | $iNE$ | 42 11 | 9 | -4 | +7 | | | |
| | | $iN$ | 42 27 | 7 | -4 | | | | |
| | | $iPS_N$ | 43 15 | 7 | -3 | | | | |
| | | $iN$ | 43 34 | 8 | +5 | | | | |
| | | $eSS_E$ | 48 08 | ? | | | | | |
| | | $eE$ | 50 53 | 18 | | | | | |
| | | $eL_E$ | 55.0 | 23 | | | | | |
| | | $eL_E$ | 57.6 | 36 | | | | | |
| | | $MNEZ$ | 03 08.3 | 20 | 8 | 5 | 10 | | |
| 245 | 23 | $iPP_Z$ | 13 50 52 | 3 | | | +2 | | Masked by microseism |
| | | $MN$ | 14 00.5 | 12 | 1 | | | | |
| 246 | 23 | $(iP)_V$ | 23 23 12 | 1 | | | + | | Compression |
| | | $eZ$ | 24 23 | | | | | | |
| | | $iS_N$ | 28 17 | 4 | +4 | | | | |
| | | $iE$ | 28 19 | 5 | | -3 | | | |
| | | $iN$ | 28 44 | 5 | +4 | | | | |
| | | $eL_E$ | 29.7 | 27 | | | | | |
| | | $MN$ | 30.7 | 17 | 2 | | | | |
| | | $MEZ$ | 33.2 | 16 | | 2 | 2 | | |
| 247 | 24 | $eP_{NE}$ | 21 04 23 | | | | | 26°9 | Masked by large |
| | | $iZ$ | 04 25 | 4 | | | -4 | | microseisms. |
| | | $iPPP_Z$ | 05 20 | 4 | | | +5 | | H 20 58 38 |
| | | $eS_E$ | 08 59 | | | | | | |
| | | $iE$ | 09 05 | ? | | - | | | |
| | | $iN$ | 09 19 | 6 | +7 | | | | |
| | | $iN$ | 09 26 | 7 | +14 | | | | |
| | | $iSS_E$ | 10 09 | 6 | | -9 | | | |
| | | $iSSS_N$ | 10 26 | 6 | +16 | | | | |
| | | $iE$ | 10 34 | 6 | | +10 | | | |
| | | $eL_E$ | 11.5 | 16 | | | | | |
| | | $ME$ | 13.7 | 13 | | 16 | | | |
| | | $MN$ | 14.8 | 12 | 13 | | | | |
| 249 | 26 | $(iP)_V$ | 00 05 18 | 1 | | | - | | Dilatation. Masked |
| | | $iV$ | 06 08 | 1 | | | - | | by large microseism |
| | | $(iS)_N$ | 09 22 | 3 | -2 | | | | |
| | | $i(sS)_N$ | 09 52 | 3 | +3 | | | | |
| 250 | 26 | $(iP)_Z$ | 13 52 39 | 4 | | | +3 | | Compression. Masked |
| | | $(ipP)_Z$ | 53 03 | 3 | | | +2 | | by microseisms. |
| | | $(isS)_E$ | 57 33 | 3 | | +3 | | | |
| 251 | 27 | $(iP)_Z$ | 20 47 15 | 3 | | | +2 | | Compression. Masked |
| | | $e(S)_N$ | 52 14 | | | | | | by microseisms. |
| | | $eL_E$ | 56.0 | 22 | | | | | |
| | | $MNEZ$ | 58.3 | 16 | 3 | 3 | 3 | | |
| 252 | 28 | $iZ$ | 04 01 23 | 4 | | | +3 | | Masked by microseis |
| | | $iS_N$ | 06 21 | 4 | +3 | | | | |
| | | $MNZ$ | 13.0 | 12 | 4 | | 4 | | |

Minor activity:4d 05.0h;5d 05.9h;8d 14.8h;12d 05.2h,09.7h;16d 17.8h;25d 12.9h.

T.N.BURKE-GAFFNEY,S.J.
Director.

P.F.RHEINBERGER.

No.

# Riverview College Observatory

## RIVERVIEW, N.S.W.

## SEISMOLOGICAL BULLETIN

$\Phi = 33° 49' 46''$ S  $\lambda = 151° 9' 30''$ E.  h = 25m.  Foundation : Triassic Sandstone.

INSTRUMENTS :

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. Gailitzin Aperiodic Seismometer with Galvanometer registration (NS, EW, Vert)
5. Sprengnether Vertical.

| | | V | $T_o$ | $\epsilon : l$ | $\frac{r}{T_o^2}$ | | $T_1$ (Galv.) | T (Pend) | $\mu^2$ | $V_s$ |
|---|---|---|---|---|---|---|---|---|---|---|
| N | 1 | | | | | 4 | 11.7 | 12.1 | +0.02 | 560 |
| | 3 | 143 | 8.5 | 6.2 | 0.023 | | | | | |
| E | 1 | | | | | 4 | 12.3 | 12.2 | +0.08 | 490 |
| | 3 | 138 | 9.1 | 6.8 | 0.014 | | | | | |
| Z | 2 | | | | | 4 | 10.9 | 10.6 | +0.1 | 460 |
| | | | | | | 5 | 1.6 | 1.6 | | |

| No. | Date | Phase | Time (G.M.T.) | Per | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h. m. s. | s. | μ | μ | μ | | |
| 253 | July 2 | iPZ | 14 33 35 | 3 | | | −2 | (35°8) | Dilatation |
| | | iZ | 34 13 | 3 | | | +3 | | H (14 26 32) |
| | | iPPV | 34 57 | 1 | | | + | | Perhaps deeper than |
| | | iPPZ | 34 58 | 4 | | | +2 | | normal. |
| | | e(S)N | 39 13 | | | | | | |
| | | iN | 39 38 | 4 | −1 | | | | |
| | | iE | 39 45 | 5 | | −2 | | | |
| | | iN | 41 56 | 4 | +2 | | | | |
| | | iN | 42 05 | 4 | +3 | | | | |
| | | eE | 42 08 | 7 | | | | | |
| | | iN | 42 19 | 4 | +4 | | | | |
| | | iN | 42 40 | 4 | −3 | | | | |
| | | iN | 45 49 | 3 | −3 | | | | |
| 256 | 4 | iPZ | 00 45 39 | 2 | | | +1 | 31°0 | Compression |
| | | iSNE | 50 14 | 4 | −4 | +2 | | | h 0.06, |
| | | iN | 50 31 | 4 | −1 | | | | H 00 39 56 |
| | | iScSNE | 55 25 | 5 | −2 | −2 | | | |
| 257 | 4 | ePZ | 03 10 01 | | | | | 26°4 | H 03 04 21 |
| | | iZ | 10 21 | 4 | | | +2 | | |
| | | iZ | 10 34 | 5 | | | +3 | | |
| | | iSN | 14 33 | 7 | −3 | | | | |
| | | eSE | 14 36 | | | | | | |
| | | iE | 14 52 | 8 | | −4 | | | |
| | | iN | 14 54 | 10 | +13 | | | | |
| | | iN | 15 11 | 9 | +10 | | | | |
| | | eLE | 16.2 | 24 | | | | | |
| | | MNZ | 20.5 | 15 | 7 | | 5 | | |
| | | ME | 21.3 | 15 | | 6 | | | |
| 258 | 4 | ePZ | 03 48 36 | 2 | | | | 26°4 | H 03 42 56 |
| | | iNZ | 48 45 | 3 | +3 | | −3 | | |
| | | iZ | 48 56 | 4 | | | +4 | | |
| | | iNZ | 49 09 | 4 | +3 | | +5 | | |
| | | iPPNZ | 49 16 | 5 | +4 | | −2 | | |
| | | iPPPN | 49 30 | 4 | +3 | | | | |
| | | iN | 49 44 | 6 | +3 | | | | |
| | | iSN | 53 08 | 7 | −3 | | | | |
| | | iN | 53 19 | 6 | −9 | | | | |
| | | iE | 53 20 | 7 | | −4 | | | |
| | | iZ | 53 24 | 5 | | | −2 | | |
| | | iN | 53 25 | 4 | +9 | | | | |
| | | iE | 53 29 | 7 | | −5 | | | |
| | | iN | 53 37 | 7 | −16 | | | | |
| | | iZ | 53 48 | 6 | | | −6 | | |
| | | iE | 53 58 | 7 | | −4 | | | |
| | | iSSN | 54 18 | 6 | −7 | | | | |
| | | iZ | 54 22 | 6 | | | +8 | | |
| | | iE | 54 32 | 7 | | −6 | | | |

1956, July.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 58 | July 4 | $i_E$ | 03 54 40 | 4 | | +6 | | | |
| ont. | | $i_Z$ | 55 10 | 5 | | | +6 | | |
| | | $i_N$ | 55 11 | 6 | +6 | | | | |
| | | $i_E$ | 55 19 | 7 | | +11 | | | |
| | | $eL_Z$ | 56.3 | 25 | | | | | |
| | | MNZ | 59.0 | 15 | 11 | | 7 | | |
| | | ME | 04 00.0 | 14 | | 7 | | | |
| 59 | 4 | $e_Z$ | 07 24 58 | | | | | | Repetition of No.258 |
| | | $eS_N$ | 29 27 | | | | | | |
| | | $i_N$ | 29 44 | 4 | +2 | | | | |
| | | $i_N$ | 29 55 | 7 | -3 | | | | |
| | | $iSS_N$ | 30 37 | 6 | -2 | | | | |
| | | $eL_Z$ | 32.6 | 27 | | | | | |
| | | MN | 35.2 | 15 | 2 | | | | |
| | | MZ | 35.4 | 15 | | | 2 | | |
| | | ME | 36.0 | 16 | | 2 | | | |
| 60 | 4 | $e_N$ | 16 21 07 | 6 | | | | | |
| | | $i_N$ | 22 37 | 5 | -1 | | | | |
| 61 | 4 | $iP_V$ | 23 43 49 | 1 | | | + | 20°3 | Compression |
| | | $eS_N$ | 47 32 | 7 | | | | | H 23 39 09 |
| | | $eSS_{NZ}$ | 47 59 | 7 | | | | | |
| | | $eL_N$ | 48.9 | 19 | | | | | |
| | | ME | 50.9 | 16 | | 1 | | | |
| | | MN | 51.0 | 13 | 2 | | | | |
| 64 | 8 | $i_V$ | 20 35 36 | 1 | | | + | | Compression |
| 65 | 9 | $(iPKP)_Z$ | 03 31 01 | 3 | | | -2 | 136° ca | Dilatation |
| | | iPKPZ | 31 13 | 4 | | | +4 | | Compression |
| | | $i_Z$ | 31 40 | 4 | | | -4 | | |
| | | iPPZ | 33 44 | 4 | | | +4 | | |
| | | $i_{NE}$ | 33 49 | 6 | +4 | -3 | | | |
| | | $i_Z$ | 33 53 | 4 | | | +9 | | |
| | | $i(PKS)_{EZ}$ | 34 47 | | | -23 | -7 | | $T_E$=9s, $T_Z$=5s. |
| | | $i_N$ | 34 51 | 6 | +5 | | | | |
| | | $i_E$ | 35 41 | 7 | | -7 | | | |
| | | $i_Z$ | 35 43 | 4 | | | +6 | | |
| | | $i_N$ | 37 32 | 7 | +6 | | | | |
| | | $i(SKS)_E$ | 38 07 | 6 | | -6 | | | |
| | | $e_E$ | 38 17 | 18 | | | | | |
| | | $i(SKKS)_E$ | 40 44 | 6 | | -10 | | | |
| | | $i_N$ | 42 11 | 6 | -8 | | | | |
| | | $eSKSP_E$ | 43 46 | | | | | | |
| | | $iPS_E$ | 44 06 | 12 | | +28 | | | |
| | | $i_N$ | 45 00 | 7 | +8 | | | | |
| | | $ePPS_E$ | 45 51 | | | | | | |
| | | $i_E$ | 46 01 | 12 | | -34 | | | |
| | | $i_N$ | 46 03 | 7 | +8 | | | | |
| | | $i_E$ | 47 35 | 7 | | -16 | | | |
| | | $i_E$ | 48 02 | 8 | | +16 | | | |
| | | $i_E$ | 48 51 | 10 | | +20 | | | |
| | | $i_E$ | 51 19 | 9 | | +18 | | | |
| | | $eSS_N$ | 51 39 | 19 | | | | | |
| | | $i_E$ | 52 49 | 9 | | +13 | | | |
| | | $e_E$ | 54 15 | 22 | | | | | |
| | | $i_E$ | 55 22 | 7 | | -25 | | | |
| | | $iSSS_N$ | 56 43 | 9 | +11 | | | | |
| | | $i_E$ | 57 08 | 12 | | -24 | | | |
| | | $eL_E$ | 04 09.9 | 31 | | | | | |
| | | $eL_E$ | 11.5 | 48 | | | | | |
| | | $eLR_N$ | 13.9 | 42 | | | | | |
| | | $eLR_E$ | 16.0 | 46 | | | | | |
| | | MNZ | 29.3 | 21 | 30 | | 41 | | |
| | | ME | 29.4 | 22 | | 120 | | | |
| 66 | 9 | $i_Z$ | 03 43 48 | 4 | | | +6 | | Compression |
| | | iPPZ | 46 13 | 4 | | | +6 | | |
| | | $i(SKS)_E$ | 50 43 | 7 | | -13 | | | |

1956, July.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | AN | AE | AZ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 267 | July 9 | e(SS)E | 10 36 26 | | | | | | |
| | | e(SS)N | 36 44 | | | | | | |
| | | e(SSS)E | 41 45 | | | | | | |
| | | eLRE | 11 01.5 | 22 | | | | | |
| | | ME | 14.9 | 20 | | 1 | | | |
| 268 | 9 | iZ | 20 45 30 | 3 | | | +2 | | Masked by micros. |
| 269 | 10 | i(P)Z | 15 14 41 | 3 | | | +2 | | Dilatation. Masked |
| | | iE | 18 18 | 3 | | -2 | | | by microseisms. |
| | | eN | 20 13 | 11 | | | | | |
| | | eN | 21 12 | 11 | | | | | |
| | | eLNE | 22.5 | 20 | | | | | |
| | | MN | 25.7 | 11 | 5 | | | | |
| | | ME | 26.1 | 14 | | 2 | | | |
| | 10 | iV | 18 04 56 | 1 | | | + | | Compression |
| 270 | 11 | (iP)V | 19 00 49 | 1 | | | + | | Compression |
| 271 | 12 | iPV | 17 04 49 | 1 | | | + | 48°4 | Compression |
| | | iV | 05 08 | 1 | | | + | | Large microseisms |
| | | iN | 11 41 | 5 | -3 | | | | present. |
| | | iSN | 11 52 | 6 | -9 | | | | H 16 56 00 |
| | | eE | 11 55 | ? | | | | | |
| | | iNE | 11 59 | 6 | +16 | -7 | | | |
| | | iE | 12 05 | 6 | | +13 | | | |
| | | iE | 14 51 | 4 | | +4 | | | |
| | | iN | 16 21 | 5 | +4 | | | | |
| | | eN | 16 33 | 18 | | | | | |
| | | eE | 16 43 | 13 | | | | | |
| | | eLN | 17.4 | 24 | | | | | |
| | | MN | 19.0 | 16 | 5 | | | | |
| | | ME | 19.5 | 13 | | 6 | | | |
| | | MZ | 19.7 | 20 | | | 8 | | |
| 272 | 15 | (P)V | 13 01 51 | 1 | | | | | Masked by micro- |
| | | i(PcP)Z | 02 32 | 4 | | | +2 | | seisms. |
| | | i(S)N | 09 32 | 4 | +3 | | | | |
| 273 | 16 | iPV | 09 37 37 | 1 | | | + | 90° | Compression |
| | | iSN | 48 29 | 4 | -1 | | | | H 09 24 34 |
| | | iPSE | 49 36 | 4 | | +2 | | | |
| | | eLN | 10 06.0 | 25 | | | | | |
| 274 | 16 | iPZ | 15 19 03 | 4 | | | -2 | 78°0 | Dilatation |
| | | iPcPZ | 19 10 | 3 | | | +3 | | H 15 07 10 |
| | | eE | 19 12 | 7 | | | | | Slightly deeper |
| | | ipPZ | 19 18 | 3 | | | +6 | | than normal. |
| | | eZ | 20 10 | 5 | | | | | |
| | | iZ | 20 23 | 4 | | | +2 | | |
| | | iZ | 20 48 | 4 | | | +4 | | |
| | | iZ | 21 18 | 4 | | | -4 | | |
| | | iPPZ | 21 58 | 5 | | | -4 | | |
| | | iZ | 22 06 | 5 | | | -4 | | |
| | | iZ | 22 56 | 4 | | | -2 | | |
| | | iSE | 28 50 | 7 | | -6 | | | |
| | | iN | 29 00 | 7 | -5 | | | | |
| | | iN | 29 20 | 5 | -3 | | | | |
| | | isSE | 29 21 | 9 | | -8 | | | |
| | | iN | 33 26 | 5 | +5 | | | | |
| | | eZ | 34 17 | 27 | | | | | |
| | | eNE | 34 36 | 27 | | | | | |
| | | eN | 38 50 | 22 | | | | | |
| | | eLN | 40.2 | 28 | | | | | |
| | | eLN | 44.4 | 31 | | | | | |
| | | eLE | 45.2 | 45 | | | | | |
| | | eLZ | 45.3 | 50 | | | | | |
| | | MN | 53.4 | 16 | 7 | | | | |
| | | MZ | 58.6 | 19 | | | 11 | | |
| | | ME | 58.9 | 19 | | 12 | | | |
| 275 | 16 | iPV | 21 47 02 | 1 | | | + | | Compression |

1956, July.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 276 | July 17 | $iP_{NEZ}$ | 07 40 28 | 3 | -9 | -9 | +25 | 35°6 | Compression h 0.065, H 07 34 08 |
| | | $i_N$ | 41 07 | 3 | +3 | | | | |
| | | $ipP_Z$ | 41 49 | 3 | | | +6 | | |
| | | $i_Z$ | 41 54 | 3 | | | +4 | | |
| | | $iPPN_Z$ | 42 02 | 3 | -5 | | +10 | | Gutenberg Tables give: Δ 35°5, h 450 km., H 07 34 08 |
| | | $i(sP)_Z$ | 42 36 | 3 | | | +7 | | |
| | | $i_N$ | 42 43 | 4 | -8 | | | | |
| | | $i(PcP)_Z$ | 42 49 | 3 | | | +4 | | |
| | | $i_Z$ | 42 59 | 3 | | | +11 | | |
| | | $i_Z$ | 43 31 | 3 | | | +9 | | |
| | | $i_Z$ | 45 08 | 3 | | | +7 | | |
| | | $i_N$ | 45 10 | 4 | +9 | | | | |
| | | $i_E$ | 45 12 | 4 | | +16 | | | |
| | | $iS_{NEZ}$ | 45 32 | 4 | -42 | +62 | -11 | | |
| | | $i_{NE}$ | 45 38 | 4 | +67 | -33 | | | |
| | | $i_{NZ}$ | 45 42 | 4 | -34 | | +14 | | |
| | | $i_N$ | 46 02 | 4 | +14 | | | | |
| | | $i_N$ | 46 18 | 4 | +10 | | | | |
| | | $i_E$ | 46 30 | 5 | | +10 | | | |
| | | $i_N$ | 46 35 | 3 | -11 | | | | |
| | | $isS_N$ | 47 52 | 4 | +15 | | | | |
| | | $isS_E$ | 47 56 | 4 | | -10 | | | |
| | | $i_{NZ}$ | 48 18 | 4 | +24 | | +9 | | |
| | | $iSS_E$ | 48 26 | 4 | | -11 | | | |
| | | $i_Z$ | 48 32 | 4 | | | -37 | | |
| | | $m_E$ | 48 37 | 4 | | 41 | | | |
| | | $iScS_N$ | 49 53 | 4 | +23 | | | | |
| | | $i_E$ | 50 00 | 4 | | +26 | | | |
| | | $i_E$ | 50 05 | 4 | | +36 | | | |
| 277 | 18 | $iP_V$ | 00 33 22 | 1 | | | - | 28°9 | Dilatation H 00 27 19 |
| | | $i_Z$ | 33 28 | 2 | | | +1 | | |
| | | $i_Z$ | 33 46 | 3 | | | +3 | | |
| | | $i_Z$ | 33 49 | 4 | | | -3 | | |
| | | $i_Z$ | 33 59 | 4 | | | +6 | | |
| | | $iPP_V$ | 34 15 | 1 | | | + | | |
| | | $i_N$ | 34 18 | 4 | +4 | | | | |
| | | $i_Z$ | 34 22 | 3 | | | +1 | | |
| | | $iS_{NZ}$ | 38 12 | 5 | -6 | | -4 | | |
| | | $i_N$ | 38 18 | 5 | +7 | | | | |
| | | $i_N$ | 38 42 | 5 | +9 | | | | |
| | | $e_N$ | 38 45 | 16 | | | | | |
| | | $i_N$ | 39 11 | 7 | +7 | | | | |
| | | $i_N$ | 39 27 | 6 | -6 | | | | |
| | | $iSS_N$ | 39 40 | 6 | -5 | | | | |
| | | $i_E$ | 39 51 | 5 | | +7 | | | |
| | | $SSS_N$ | 39 59 | 9 | | | | | |
| | | $i_E$ | 40 41 | 5 | | -9 | | | |
| | | $i_N$ | 40 53 | 4 | +5 | | | | |
| | | $i_N$ | 41 03 | 5 | +6 | | | | |
| | | $eL_E$ | 42.1 | 21 | | | | | |
| | | $eL_Z$ | 42.2 | 25 | | | | | |
| | | $eL_N$ | 42.7 | 25 | | | | | |
| | | $M_E$ | 44.7 | 14 | | 9 | | | |
| 278 | 18 | $iP_V$ | 05 23 05 | 1 | | | + | 21°1 | Compression H 05 18 17 |
| | | $i_V$ | 23 23 | 1 | | | - | | |
| | | $iPP_Z$ | 23 28 | 4 | | | +5 | | |
| | | $iPPP_V$ | 23 39 | 1 | | | + | | |
| | | $i_E$ | 23 46 | 5 | | +4 | | | |
| | | $i_Z$ | 23 48 | 5 | | | +7 | | |
| | | $i_N$ | 24 00 | 4 | +2 | | | | |
| | | $iS_E$ | 26 56 | 5 | | +2 | | | |
| | | $iPcP_E$ | 27 10 | 4 | | +4 | | | |
| | | $i_N$ | 27 50 | 6 | +3 | | | | |
| | | $eL_E$ | 28.3 | 21 | | | | | |
| | | $eL_N$ | 28.4 | 21 | | | | | |
| | | $M_N$ | 30.5 | 13 | 5 | | | | |
| | | $M_E$ | 31.2 | 12 | | 3 | | | |

RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 279 | July 18 | $iP_Z$ | 06 26 11 | 5 | | | -11 | 34°8 | Dilatation h 0.02, H 06 19 34 |
| | | $iP_{NE}$ | 26 12 | 5 | +5 | -4 | | | |
| | | $i_Z$ | 26 20 | 2 | | | +11 | | |
| | | $i_Z$ | 26 37 | 2 | | | -11 | | |
| | | $ipP_{NEZ}$ | 26 44 | 4 | -12 | +10 | +26 | | |
| | | $i_{NEZ}$ | 26 54 | 4 | +12 | +20 | +51 | | |
| | | $isP_N$ | 27 04 | 4 | +15 | | | | |
| | | $i_E$ | 27 22 | 4 | | +8 | | | |
| | | $i_N$ | 27 23 | 5 | -13 | | | | |
| | | $i_Z$ | 27 24 | 4 | | | -18 | | |
| | | $i_E$ | 27 30 | 4 | | | | | |
| | | $i_N$ | 27 31 | 4 | +13 | | | | |
| | | $i_Z$ | 27 36 | 3 | | | +9 | | |
| | | $i_N$ | 27 41 | 4 | +12 | | | | |
| | | $m_N$ | 27 52 | 12 | 19 | | | | |
| | | $iPcP_Z$ | 28 39 | 3 | | | +17 | | |
| | | $iS_E$ | 31 29 | ? | | - | | | |
| | | $i_N$ | 31 36 | 4 | -52 | | | | |
| | | $i_E$ | 31 40 | 3 | | -36 | | | |
| | | $i_N$ | 31 41 | 7 | +98 | | | | |
| | | $i_E$ | 31 43 | 5 | | -85 | | | |
| | | $i_E$ | 32 19 | 7 | | +45 | | | |
| | | $i_N$ | 32 20 | 7 | -71 | | | | |
| | | $isS_E$ | 32 29 | 9 | | +69 | | | |
| | | $i_N$ | 32 43 | 6 | +49 | | | | |
| | | $i_E$ | 32 50 | 6 | | +51 | | | |
| | | $i_E$ | 33 04 | 7 | | +54 | | | |
| | | $i_N$ | 33 21 | 7 | +57 | | | | |
| | | $i_N$ | 33 37 | 7 | -77 | | | | |
| | | $iSS_E$ | 33 56 | 7 | | +71 | | | |
| | | $i_E$ | 34 05 | 8 | | -72 | | | |
| | | $i_Z$ | 34 07 | 6 | | | +62 | | |
| | | $i_N$ | 34 46 | 7 | +89 | | | | |
| | | $i_E$ | 34 48 | 7 | | +115 | | | |
| | | MNE | 38.6 | 15 | 195* | 260* | | | *MNE from Mainka. |
| 280 | 19 | $(i)_V$ | 20 51 00 | 1 | | | + | | |
| | | $i_N$ | 59 15 | 6 | +3 | | | | |
| | | $i_E$ | 21 00 34 | 4 | | +3 | | | |
| | | $e_N$ | 03 43 | | | | | | |
| 282 | 20 | $(iP)_Z$ | 13 24 36 | 4 | | | +2 | | Masked by micro-seisms. |
| | | $i_Z$ | 24 59 | 4 | | | +2 | | |
| | | $iS_N$ | 30 44 | 4 | +2 | | | | |
| | | $iSS_N$ | 33 30 | 5 | +2 | | | | |
| | | $iSSS_N$ | 34 09 | 5 | +2 | | | | |
| | | ME | 43.6 | 15 | | 1 | | | |
| | | MNZ | 43.8 | 16 | 1 | | 2 | | |
| | | $i_N$ | 44 53 | 6 | +4 | | | | |
| 283 | 20 | $e_Z$ | 17 40 43 | | | | | | Masked by micro-seisms. |
| | | $i_N$ | 48 48 | 6 | +3 | | | | |
| | | $i_N$ | 50 41 | 5 | +3 | | | | |
| | | MNEZ | 59.8 | 17 | 3 | 3 | 4 | | |
| 284 | 21 | $(P)_Z$ | 15 02 38 | | | | | | Very small & masked by micro-seisms. |
| | | $(pP)_Z$ | 04 49 | | | | | | |
| | | $(sP)_Z$ | 05 40 | | | | | | |
| | | $i_Z$ | 08 59 | 4 | | | +2 | | |
| 285 | 21 | $iP_Z$ | 15 26 20 | 4 | | | -3 | | Dilatation |
| | | $iP_{NE}$ | 26 21 | 4 | +1 | +3 | | | |
| | | $i(pP)_Z$ | 26 30 | 3 | | | +2 | | |
| | | $i_E$ | 26 32 | 4 | | +3 | | | |
| | | $ePP_Z$ | 26 45 | | | | | | |
| | | $iPPP_Z$ | 26 55 | 4 | | | +5 | | |
| | | $i_{EZ}$ | 27 58 | | | -5 | +3 | | $T_E$=6s, $T_Z$=4s. |
| | | $i_N$ | 28 00 | 4 | -2 | | | | |
| | | $i_Z$ | 28 23 | 4 | | | +3 | | |
| | | $i_N$ | 28 24 | 4 | -2 | | | | |
| | | $e(S)_E$ | 30 18 | ? | | | | | |
| | | $e_N$ | 30 24 | | | | | | |
| | | $i_N$ | 30 29 | 6 | -7 | | | | |

(Continued on next page)

1956, July.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 285 | July 21 | $i_E$ | 15 30 32 | 6 | | -5 | | | |
| cont. | | $i_Z$ | 30 38 | 6 | | | +6 | | |
| | | $i_N$ | 30 41 | 4 | +6 | | | | |
| | | $i_E$ | 30 54 | 7 | | -5 | | | |
| | | $i_N$ | 31 06 | 9 | +6 | | | | |
| | | $i_E$ | 31 12 | 7 | | +4 | | | |
| | | $eL_E$ | 32.0 | 24 | | | | | |
| | | $MEZ$ | 33.1 | 19 | | 7 | 7 | | |
| | | $MN$ | 33.5 | 16 | 6 | | | | |
| 286 | 21 | $iPPZ$ | 15 49 52 | 4 | | | -1 | | Masked by coda of no.285 |
| | | $i_N$ | 50 49 | 5 | +3 | | | | |
| | | $i(SKS)_N$ | 56 30 | 7 | +4 | | | | |
| | | $i(PS)_Z$ | 58 30 | 6 | | | +5 | | |
| | | $eL_N$ | 16 16.6 | 24 | | | | | |
| | | $MN$ | 27.3 | 20 | 2 | | | | |
| | | $MZ$ | 28.2 | 20 | | | 3 | | |
| | | $ME$ | 28.8 | 20 | | 3 | | | |
| 288 | 23 | $(iP)_V$ | 14 31 56 | 1 | | | + | | Compression |
| | | $i_V$ | 32 04 | 1½ | | | + | | |
| | | $i_Z$ | 32 09 | 3 | | | +2 | | |
| | | $eS_N$ | 36 47 | | | | | | |
| | | $e(SS)_E$ | 38 11 | 12 | | | | | |
| | | $eL(Q)_E$ | 38.4 | 22 | | | | | |
| | | $eLR_E$ | 39.4 | 26 | | | | | |
| | | $ME$ | 42.9 | 13 | | 3 | | | |
| | | $MN$ | 43.6 | 13 | 1 | | | | |
| | | $MZ$ | 44.1 | 12 | | | 1 | | |
| 289 | 23 | $iP_Z$ | 19 38 29 | 4 | | | -2 | 82°0 | Dilatation H 19 26 06 |
| | | $e_Z$ | 38 40 | 7 | | | | | |
| | | $i_Z$ | 38 52 | 5 | | | -4 | | |
| | | $ePP_E$ | 41 45 | 7 | | | | | |
| | | $iS_{NE}$ | 48 43 | 7 | +3 | +3 | | | |
| | | $i_{NE}$ | 48 54 | 6 | -2 | +3 | | | |
| | | $i_N$ | 49 07 | 6 | +2 | | | | |
| | | $i_E$ | 49 40 | 6 | | +2 | | | |
| | | $i_N$ | 49 41 | 6 | -3 | | | | |
| | | $eSS_N$ | 54 04 | 13 | | | | | |
| | | $eLQ_{NE}$ | 20 00.3 | 31 | | | | | |
| | | $eLR_E$ | 04.9 | 28 | | | | | |
| | | $MEZ$ | 07.7 | 20 | | 6 | 9 | | |
| | | $MN$ | 07.9 | 19 | 7 | | | | |
| 290 | 23 | $iP_Z$ | 22 02 49 | 3 | | | -2 | 27°0 | Dilatation H 21 56 04 |
| | | $i_Z$ | 02 54 | 3 | | | +3 | | |
| | | $iPPPZ$ | 03 48 | 4 | | | -3 | | |
| | | $iS_N$ | 07 26 | 4 | +2 | | | | |
| | | $i_N$ | 07 54 | 6 | +3 | | | | |
| | | $i_N$ | 08 04 | 4 | +4 | | | | |
| | | $iSSS_N$ | 08 56 | 7 | -4 | | | | |
| | | $eL_N$ | 11.6 | 26 | | | | | |
| | | $ME$ | 12.8 | 15 | | 3 | | | |
| | | $MZ$ | 14.9 | 14 | | | 2 | | |
| | | $MN$ | 15.7 | 13 | 2 | | | | |
| 291 | 24 | $i(P)_V$ | 07 10 20 | 1 | | | + | | Compression |
| 292 | 24 | $(iP)_Z$ | 13 10 16 | 3 | | | +1 | | Compression. Obscured by micros. |
| | | $(iS)_N$ | 18 16 | 4 | +2 | | | | |
| 293 | 24 | $iP_V$ | 19 04 36 | 1 | | | - | 42°5 | Dilatation H 18 56 37 |
| | | $iPP_Z$ | 06 13 | 4 | | | +2 | | |
| | | $iPcP_Z$ | 06 28 | 3 | | | +2 | | |
| | | $eS_E$ | 10 59 | ? | | | | | |
| | | $eL_N$ | 20.6 | 25 | | | | | |
| | | $eL_E$ | 20.8 | 25 | | | | | |
| | | $ME$ | 25.2 | 16 | | 4 | | | |
| | | $MZ$ | 25.3 | 17 | | | 8 | | |
| | | $MN$ | 25.4 | 16 | 7 | | | | |
| 294 | 26 | $(iP)_Z$ | 06 24 57 | 2 | | | +2 | | Masked by microseisms. |

1956, July-August.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 295 | July 26 | $iP_V$ | 17 53 48 | 1 | | | - | 24°6 | Dilatation |
| | | $esP_Z$ | 56 22 | | | | | | h 0.085, |
| | | $iS_{NE}$ | 57 30 | 5 | -1 | +2 | | | H 17 49 10 |
| | | $i_N$ | 18 03 35 | 4 | +1 | | | | |
| | | $iScS_E$ | 03 39 | 4 | | | +4 | | |
| 296 | 26 | $iP_V$ | 18 08 47 | 1 | | | - | | Dilatation |
| | | $iS_N$ | 12 25 | 4 | +1 | | | | |
| | | $i_N$ | 12 29 | 4 | -1 | | | | |
| 297 | 27 | $e(S)_N$ | 16 24 38 | 8 | | | | | |
| | | $i_N$ | 25 11 | 6 | +2 | | | | |
| | | $i_N$ | 25 58 | 6 | +3 | | | | |
| | | $eL_N$ | 26.4 | 20 | | | | | |
| | | MN | 28.0 | 14 | 2 | | | | |
| | | ME | 30.0 | 13 | | 1 | | | |
| 298 | 28 | $(P)_V$ | 02 07 43 | | | | | | |
| | | $iP_Z$ | 07 45 | 2 | | | +2 | | Compression |
| | | $i(pP)_Z$ | 08 07 | 2 | | | -2 | | |
| | | $i(sP)_Z$ | 08 16 | 2 | | | +3 | | |
| | | $iS_N$ | 12 41 | 4 | +1 | | | | |
| | | $i_N$ | 14 46 | 6 | +2 | | | | |
| | | $eL_E$ | 15.6 | 24 | | | | | |
| | | $eL_{NZ}$ | 15.8 | 30 | | | | | |
| | | ME | 17.5 | 13 | | 3 | | | |
| | | MN | 18.0 | 13 | 2 | | | | |
| 299 | 28 | $(P)_Z$ | 11 18 02 | | | | | | Obscured by micr |
| 300 | 29 | $(i)_Z$ | 07 24 49 | 3 | | | +1 | | Masked by micro- |
| | | $i_N$ | 37 45 | 5 | +3 | | | | seisms. |
| | | $eLR_N$ | 44.0 | 29 | | | | | |
| | | MN | 48.6 | 13 | 2 | | | | |
| 301 | 30 | $i_E$ | 09 45 08 | 4 | | +4 | | | |
| | | ME | 10 34 | 19 | | 1 | | | |
| Minor activity: 3d 00.6h, 13.1h; 5d 05.9h; 8d 06.4h; 20d 00.7h; 22d 06.3h. | | | | | | | | | |
| 303 | Aug. 2 | $(i)_Z$ | 20 05 57 | 4 | | | +2 | | Masked by micro- |
| | | $(P)_Z$ | 08 51 | 3 | | | | | seisms. |
| | | $i(PP)_E$ | 10 01 | 4 | | +2 | | | |
| | | $i(PPP)_E$ | 10 14 | 4 | | +2 | | | |
| | | $i_N$ | 10 39 | 4 | +2 | | | | |
| | | $i(S)_N$ | 14 04 | 4 | +2 | | | | |
| | | $i_E$ | 15 06 | 4 | | +2 | | | |
| | | $eL_Z$ | 17.7 | 25 | | | | | |
| | | MN | 18.7 | 18 | 2 | | | | |
| | | MEZ | 19.1 | 19 | | 3 | 3 | | |
| 304 | 4 | $(iP)_V$ | 09 54 41 | 1½ | | | + | | Compression. |
| | | $eS_E$ | 59 24 | 6 | | | | | Masked by very |
| | | $e_N$ | 59 43 | 10 | | | | | large microseisms |
| | | MNE | 10 05.3 | 18 | 1* | 4* | | | *From Mainka. |
| 305 | 6 | $i(S)_{NE}$ | 17 42 08 | 5 | +3 | +3 | | | Large microsseism |
| 306 | 7 | $(P)_Z$ | 00 41 36 | | | | | | Masked by micros |
| 307 | 9 | $i_V$ | 01 44 28 | 1 | | | + | | Compression |
| 308 | 9 | $i(PP)_V$ | 03 11 06 | 1½ | | | + | | Masked by micros |
| 309 | 9 | $i(P)_V$ | 07 25 03 | 1½ | | | + | | Masked by micros |
| 310 | 9 | $i(P)_Z$ | 09 40 18 | 4 | | | +3 | | Masked by micros |
| | | $i_V$ | 40 32 | 1½ | | | + | | |
| | | $i(S)_{NE}$ | 44 17 | 4 | -2 | +2 | | | |
| 311 | 9 | $iP_Z$ | 21 51 19 | 5 | | | +8 | | Compression. |
| | | $i_E$ | 51 56 | 5 | | +3 | | | Microseisms pres |
| | | $i_Z$ | 52 09 | 5 | | | +6 | | |
| | | $i_E$ | 52 12 | 5 | | -4 | | | |
| | | $(S)_N$ | 55 55 | 7 | | | | | |
| | | $i_N$ | 56 22 | 5 | +4 | | | | |
| | | $i(SS)_N$ | 56 53 | 8 | -5 | | | | |
| | | $eL_Z$ | 58.3 | 24 | | | | | |
| | | $eL_E$ | 58.5 | 23 | | | | | |
| | | MN | 59.7 | 17 | 8 | | | | |
| | | MEZ | 22 00.4 | 18 | | 10 | 12 | | |

1956, August.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 312 | Aug. 9 | iPV | 23 07 16 | 2 | | | + | 34°.4 | Compression h 0.02 ca., H 23 00 42 |
| | | $i_Z$ | 07 18 | 2 | | | +5 | | |
| | | $i_E$ | 07 20 | 3 | | +8 | | | |
| | | $i_Z$ | 07 31 | 3 | | | +10 | | |
| | | $i_N$ | 07 48 | 3 | +7 | | | | |
| | | $ipP_Z$ | 07 51 | 3 | | | +6 | | |
| | | $i_{EZ}$ | 07 54 | 3 | | -9 | +10 | | |
| | | $i_Z$ | 08 19 | 3 | | | +9 | | |
| | | $i_Z$ | 08 27 | 4 | | | -6 | | |
| | | $i_Z$ | 08 47 | 4 | | | +7 | | |
| | | $i_Z$ | 08 50 | 4 | | | +13 | | |
| | | iPPPE | 08 57 | 4 | | +15 | | | |
| | | iPPPZ | 08 58 | 4 | | | +11 | | |
| | | $i_N$ | 09 01 | 4 | +6 | | | | |
| | | $i_E$ | 09 04 | 4 | | +12 | | | |
| | | $i_N$ | 09 16 | 6 | +8 | | | | |
| | | $i_Z$ | 09 23 | 4 | | | +13 | | |
| | | $i_E$ | 10 26 | 7 | | +19 | | | |
| | | $i_Z$ | 10 30 | 6 | | | +19 | | |
| | | $i_N$ | 10 34 | 5 | -6 | | | | |
| | | $iS_{NE}$ | 12 31 | 5 | +8 | +8 | | | |
| | | $i_N$ | 13 03 | 5 | -7 | | | | |
| | | $isS_E$ | 13 33 | 5 | | +6 | | | |
| | | $i_N$ | 13 35 | 5 | -8 | | | | |
| | | $i_N$ | 14 19 | 7 | -11 | | | | |
| | | $i_N$ | 14 27 | 9 | +14 | | | | |
| | | $iSS_N$ | 14 52 | 7 | -9 | | | | |
| | | $iSSS_N$ | 15 30 | 9 | -23 | | | | |
| | | $iSSS_Z$ | 15 31 | 7 | | | -14 | | |
| | | $iScS_E$ | 17 11 | 5 | | +14 | | | |
| | | MN | 17.5 | 18 | 16 | | | | |
| | | $i_E$ | 19 22 | 7 | | -13 | | | |
| 314 | 12 | $(iP)_Z$ | 00 06 55 | 3 | | | +2 | | Compression. |
| | | $(ipP)_Z$ | 07 27 | 3 | | | +2 | | Masked by micro-seisms. |
| | | $e_E$ | 23 27 | 19 | | | | | |
| | | $eL_N$ | 33.4 | 27 | | | | | |
| 315 | 12 | $(iP)_Z$ | 00 31 46 | 4 | | | +4 | | Compression. |
| | | $i_Z$ | 32 12 | 4 | | | +3 | | Masked by micro-seisms & coda of no.314. |
| | | $(eS)_N$ | 36 54 | | | | | | |
| | | $i_N$ | 38 28 | 4 | -3 | | | | |
| | | $i(SS)_E$ | 39 08 | 5 | | +3 | | | |
| | | $i_N$ | 39 28 | 5 | -4 | | | | |
| 316 | 12 | $(iP)_Z$ | 05 46 06 | 2 | | | +1 | | Masked by micro-seisms. |
| | | $i_N$ | 46 10 | 4 | -2 | | | | |
| 317 | 12 | $iP_Z$ | 17 10 41 | 4 | | | -2 | 68°.0 | Dilatation H 16 59 38 |
| | | $eS_E$ | 19 40 | | | | | | |
| | | $eS_N$ | 19 41 | | | | | | |
| | | $i_E$ | 19 47 | 6 | | -4 | | | |
| | | $i_N$ | 19 48 | 4 | +3 | | | | |
| | | $i_E$ | 20 00 | 6 | | -3 | | | |
| | | $ePS_N$ | 20 04 | 8 | | | | | |
| | | $iScS_E$ | 20 38 | 3 | | +2 | | | |
| | | $SS_N$ | 24 03 | | | | | | |
| | | $eL_N$ | 27.6 | 21 | | | | | |
| | | $eL_E$ | 29.6 | 34 | | | | | |
| | | $eL_Z$ | 33.2 | 40 | | | | | |
| | | ME | 35.1 | 18 | | 5 | | | |
| | | MN | 36.8 | 20 | 5 | | | | |
| | | MZ | 37.4 | 19 | | | 3 | | |
| | | $i_N$ | 18 00 39 | 4 | +4 | | | | |
| 318 | 13 | $(iP)_V$ | 09 13 35 | 1½ | | | + | | Compression. |
| | | $(iPP)_V$ | 14 14 | 1½ | | | + | | Masked by large microseisms. |
| | | $(iPPP)_V$ | 14 30 | 1½ | | | + | | |
| | | $e(S)_E$ | 18 06 | 9 | | | | | |
| | | $e_N$ | 19 37 | 13 | | | | | |
| | | $eL_{NE}$ | 20.3 | 20 | | | | | |
| | | MNE | 22.8 | 16 | 4 | 3 | | | |
| | | MZ | 23.3 | 16 | | | 4 | | |

# RIVERVIEW COLLEGE OBSERVATORY.
## SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 319 | Aug.14 | (iP)V | 03 02 30 | 1½ | | | + | | Compression |
| | | (iPP)V | 05 07 | 1½ | | | + | | Masked by large |
| | | i(S)N | 12 29 | 6 | +2 | | | | microseisms. |
| | | i(SKS)N | 12 44 | 6 | +4 | | | | |
| | | i(ScS)E | 12 49 | 4 | | +3 | | | |
| | | iN | 13 21 | 5 | -3 | | | | |
| | | eLE | 24.1 | 30 | | | | | |
| | | ME | 31.4 | 21 | | 5 | | | |
| | | MNZ | 32.8 | 19 | 5 | | 5 | | |
| | 15 | (iP)V | 05 28 02 | 1½ | | | + | | Compression |
| 321 | 15 | iPV | 05 29 59 | 1½ | | | + | 57°1 | Compression |
| | | iN | 30 34 | 3 | +2 | | | | h 0.04, |
| | | iPcPV | 30 50 | 1½ | | | + | | H 05 20 40 |
| | | ipPN | 31 03 | 4 | +3 | | | | |
| | | ipPZ | 31 04 | 3 | | | +4 | | |
| | | iPPE | 32 11 | 5 | | +3 | | | |
| | | iSE | 37 30 | 7 | | +4 | | | |
| | | iSN | 37 31 | 5 | +5 | | | | |
| | | iN | 38 09 | 4 | -2 | | | | |
| | | isSN | 39 18 | 4 | +2 | | | | |
| | | eSSSN | 43 58 | 13 | | | | | |
| | | iE | 44 17 | 5 | | +3 | | | |
| | | iN | 44 29 | 5 | +6 | | | | |
| | | iN | 45 36 | 5 | -3 | | | | |
| | | eLE | 47.3 | ? | | | | | |
| | | iN | 48 30 | 5 | 5 | | | | |
| | | iN | 49 29 | 7 | -6 | | | | |
| | | iN | 50 21 | 4 | +5 | | | | |
| 322 | 15 | iPZ | 10 59 09 | 4 | | | -11 | 43°4 | Dilatation |
| | | iPNE | 59 10 | 4 | +6 | -5 | | | h 0.01, |
| | | ipPZ | 59 32 | 4 | | | +9 | | H 10 51 14 |
| | | isPZ | 59 45 | 5 | | | +13 | | |
| | | iN | 11 00 23 | 5 | +7 | | | | |
| | | iPPZ | 00 54 | 5 | | | +14 | | |
| | | ipPPZ | 01 12 | 5 | | | +8 | | |
| | | iPPPZ | 01 35 | 5 | | | -10 | | |
| | | iPPPNE | 01 36 | 5 | +9 | -7 | | | |
| | | iN | 01 45 | 5 | +8 | | | | |
| | | iE | 01 55 | 5 | | +6 | | | |
| | | iScPV | 04 33 | 1½ | | | + | | |
| | | iPcSV | 04 43 | 1½ | | | + | | |
| | | iPcSZ | 04 44 | 5 | | | +9 | | |
| | | iSN | 05 29 | 6 | -17 | | | | |
| | | iSEZ | 05 30 | 6 | | +31 | -7 | | |
| | | iN | 05 36 | 6 | +17 | | | | |
| | | iE | 05 37 | 7 | | +29 | | | |
| | | isSN | 06 06 | 6 | -5 | | | | |
| | | isSE | 06 07 | 5 | | +21 | | | |
| | | iN | 06 14 | 5 | +8 | | | | |
| | | iE | 06 20 | 5 | | +6 | | | |
| | | iE | 07 28 | 6 | | -8 | | | |
| | | iSSE | 08 36 | 8 | | +10 | | | |
| | | iSSN | 08 39 | 8 | +10 | | | | |
| | | iN | 08 48 | 8 | -19 | | | | |
| | | iScSE | 08 54 | 7 | | -31 | | | |
| | | iZ | 08 55 | 8 | | | +11 | | |
| | | iEZ | 09 19 | 7 | | +24 | +15 | | |
| | | iN | 09 24 | 7 | -13 | | | | |
| | | iSSSE | 09 32 | 8 | | +19 | | | |
| | | iZ | 09 35 | 8 | | | +14 | | |
| | | iZ | 10 25 | 8 | | | -7 | | |
| | | iNE | 10 53 | 7 | +13 | +9 | | | |
| | | iN | 11 04 | 7 | +19 | | | | |
| | | iN | 11 30 | 4 | +10 | | | | |
| | | iE | 11 31 | 7 | | +14 | | | |
| | | iZ | 11 48 | 6 | | | -10 | | |
| | | iN | 12 20 | 6 | -13 | | | | |
| | | iNE | 12 35 | 7 | -13 | -15 | | | |

(Continued on next page)

1956, August.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 22 | Aug.15 | $i_N$ | 11 12 58 | 5 | +9 | | | | |
| ont. | | $i_E$ | 13 08 | 6 | | +15 | | | |
| | | $i_Z$ | 13 32 | 7 | | | -17 | | |
| | | $i_E$ | 13 34 | 6 | | +12 | | | |
| | | $i_N$ | 13 41 | 7 | -16 | | | | |
| | | $i_E$ | 14 06 | 6 | | -14 | | | |
| | | $i_Z$ | 14 07 | 6 | | | -14 | | |
| | | $i_N$ | 14 09 | 7 | +16 | | | | |
| | | $i_N$ | 14 26 | 6 | +7 | | | | |
| | | $i_E$ | 14 34 | 6 | | +11 | | | |
| | | $i_E$ | 14 51 | 7 | | +22 | | | |
| | | $i_Z$ | 14 54 | 6 | | | +16 | | |
| | | $i_E$ | 15 31 | 7 | | +12 | | | |
| | | $i_N$ | 15 32 | 7 | +18 | | | | |
| | | $i_Z$ | 15 37 | 7 | | | -12 | | |
| | | MNEZ | 18.5 | 15 | 14 | 17 | 14 | | |
| 23 | 15 | iPV | 13 24 20 | 1½ | | | + | 78°7 | Compression |
| | | $i_V$ | 28 21 | 2 | | | + | | H 13 12 14 |
| | | $iS_{NE}$ | 34 17 | 6 | -2 | -4 | | | |
| | | $i_N$ | 34 22 | 4 | +5 | | | | |
| | | $i(ScS)_N$ | 34 44 | 4 | +3 | | | | |
| | | $i_N$ | 34 52 | 5 | -3 | | | | |
| | | $i_E$ | 35 10 | 4 | | +3 | | | |
| | | $i_N$ | 35 24 | 4 | -3 | | | | |
| | | $eSS_N$ | 39 30 | 13 | | | | | |
| | | $e_N$ | 42 21 | 20 | | | | | |
| | | $eL_QE$ | 45.2 | 33 | | | | | |
| | | $eL_N$ | 51.3 | 30 | | | | | |
| | | MNE | 55.9 | 21 | 4 | 5 | | | |
| 324 | 15 | eV | 16 43 50 | | | | | | Small tremor, fel at Orange. N.S.W. |
| 325 | 17 | $(iP)_V$ | 11 48 20 | 1½ | | | + | | Microseisms pres- |
| | | $i_E$ | 58 29 | 5 | | -3 | | | ent. |
| | | $i_E$ | 59 54 | 4 | | -2 | | | |
| | | $i_N$ | 12 00 02 | 4 | +3 | | | | |
| | | $i_Z$ | 00 18 | 4 | | | | | |
| | | $i_N$ | 00 21 | 4 | +5 | | | | |
| | | $i_N$ | 01 00 | 4 | -4 | | | | |
| | | $i_N$ | 01 25 | 6 | +7 | | | | |
| | | MNEZ | 03.0 | 12 | 5 | 3 | 5 | | |
| 326 | 17 | iPV | 14 22 03 | 1½ | | | - | 29°9 | Dilatation |
| | | $iS_E$ | 27 00 | 4 | | +2 | | | H 14 15 51 |
| | | $iS_N$ | 27 01 | 5 | +3 | | | | |
| | | $e_N$ | 27.2 | 18 | | | | | |
| | | $e(LQ)_N$ | 28.2 | 18 | | | | | |
| | | $eSS_E$ | 28 39 | 15 | | | | | |
| | | $i_E$ | 29 03 | 8 | | +5 | | | |
| | | $i_N$ | 29 04 | 8 | +3 | | | | |
| | | $eL_E$ | 29.5 | 25 | | | | | |
| | | $eL_N$ | 30.9 | 24 | | | | | |
| | | ME | 33.1 | 16 | | 9 | | | |
| | | MNZ | 33.7 | 18 | 7 | | 10 | | |
| 327 | 17 | iPV | 15 16 21 | 1½ | | | + | | Compression |
| | | $i_V$ | 16 55 | 1½ | | | + | | |
| | | $eL_N$ | 25.7 | 22 | | | | | |
| | | ME | 27.4 | 13 | | 2 | | | |
| | | MN | 28.1 | 16 | 3 | | | | |
| 328 | 19 | iPV | 05 23 28 | 2 | | | + | | Compression |
| | | $i(pP)_V$ | 23 57 | 1½ | | | + | | |
| | | $iS_N$ | 28 05 | 4 | -2 | | | | |
| | | $e_E$ | 28 19 | | | | | | |
| | | $i_N$ | 28 53 | 4 | -2 | | | | |
| | | $i_N$ | 29 23 | 8 | -3 | | | | |
| | | $i_N$ | 29 48 | 7 | -5 | | | | |
| | | $eL_E$ | 31.1 | 22 | | | | | |
| | | MN | 32.9 | 14 | 14 | | | | |
| | | MZ | 33.3 | 16 | | | 5 | | |
| | | ME | 34.8 | 14 | | 5 | | | |

1956, August-September.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 329 | Aug.19 | $(P)_V$ | 08 55 20 | | | | | | Masked by micro- |
| | | $(ipP)_V$ | 55 38 | 1½ | | | + | | seisms. |
| 331 | 22 | $iP_Z$ | 11 31 08 | 2 | | | -4 | 22°1 | Dilatation |
| | | $iS_E$ | 34 56 | 4 | | -3 | | | h 0.02, |
| | | $iPcP_N$ | 35 01 | 3 | -3 | | | | H 11 26 25 |
| | | $iScS_N$ | 42 05 | 3 | +3 | | | | |
| 332 | 24 | $(P)_V$ | 00 06 23 | 1 | | | | | Large microseisms |
| 333 | 24 | $iP_V$ | 04 40 28 | 1 | | | + | | Large microseisms |
| 335 | 25 | $(iP)_Z$ | 00 30 34 | 3 | | | +2 | | Masked by micros |
| 336 | 25 | $(iP)_Z$ | 07 36 01 | 3 | | | +2 | | Masked by micros |
| 337 | 25 | $(iP)_Z$ | 22 08 36 | 2 | | | +2 | | Masked by micros |
| 338 | 26 | $(iP)_V$ | 08 53 50 | 1½ | | | + | | Masked by micro- |
| | | $(S)_N$ | 58 43 | | | | | | seisms. |
| | | $(SS)_N$ | 09 00 17 | | | | | | |
| | | $eL_N$ | 01.0 | 20 | | | | | |
| | | $MN$ | 02.8 | 13 | 4 | | | | |
| 339 | 30 | $i(P)_Z$ | 04 37 57 | 3 | | | +2 | | Compression |
| | | $e(S)_E$ | 49 09 | 6 | | | | | |
| 340 | 31 | $iP_V$ | 22 11 48 | 1 | | | + | | Compression |
| 341 | 31 | $i(P)_V$ | 23 15 10 | 1 | | | + | | Compression |
| Minor activity: 1d 20.5h; 10d 15.7h; 14d 12.0h; 20d 23.9h; 24d 08.6h. | | | | | | | | | |
| 344 | Sept.6 | $(iP)_Z$ | 00 01 26 | 4 | | | -2 | | Masked by large |
| | | $(iPP)_Z$ | 02 24 | 3 | | | +2 | | microseisms. |
| | | $i(S)_N$ | 06 26 | 4 | -2 | | | | |
| | | $eL_N$ | 10.0 | 20 | | | | | |
| | | $ME$ | 13.4 | 16 | | 2 | | | |
| | | $MN$ | 14.1 | 15 | 2 | | | | |
| | | $MZ$ | 15.4 | 15 | | | 2 | | |
| 346 | 7 | $(iP)_Z$ | 04 00 32 | 4 | | | +2 | | Masked by micro- |
| | | $iZ$ | 00 55 | 4 | | | -4 | | seisms. |
| | | $iN$ | 05 09 | 4 | +3 | | | | |
| 347 | 9 | $iP_V$ | 01 38 50 | 1½ | | | + | 25°7 | Compression |
| | | $PP_V$ | 39 28 | 2 | | | | | H 01 33 17 |
| | | $iS_N$ | 43 17 | 4 | +2 | | | | |
| 348 | 9 | $(iP)_V$ | 15 24 48 | 1½ | | | + | | Masked by micros |
| 349 | 9 | $iP_V$ | 17 42 57 | 1½ | | | + | 42°4 | Compression |
| | | $ipP_V$ | 43 20 | 1½ | | | + | | h 0.01, |
| | | $iZ$ | 43 23 | 4 | | | +4 | | H 17 35 11 |
| | | $eS_N$ | 49 11 | ? | | | | | |
| | | $i_E$ | 49 13 | 7 | | +3 | | | |
| | | $i_E$ | 49 44 | 5 | | +3 | | | |
| | | $isS_N$ | 49 47 | 5 | +3 | | | | |
| | | $eSS_E$ | 52 21 | ? | | | | | |
| | | $eN$ | 52 28 | 9 | | | | | |
| | | $iE$ | 52 35 | 4 | | +3 | | | |
| | | $iScS_E$ | 52 48 | 4 | | +3 | | | |
| | | $iSSS_E$ | 53 08 | 4 | | +3 | | | |
| | | $eN$ | 55 24 | 13 | | | | | |
| | | $eE$ | 55 35 | 13 | | | | | |
| | | $eL_E$ | 57.8 | 23 | | | | | |
| | | $MNE$ | 59.9 | 21 | 3 | 7 | | | |
| | | $MNEZ$ | 18 02.5 | 16 | 4 | 6 | 6 | | |
| 350 | 10 | $iP_V$ | 02 16 19 | 1½ | | | + | 52°2 | Compression |
| | | $iZ$ | 16 40 | 4 | | | +2 | | H 02 07 04 |
| | | $iPcP_Z$ | 17 30 | 4 | | | +2 | | |
| | | $eS_E$ | 23 43 | 8 | | | | | |
| | | $i_N$ | 23 48 | 8 | -6 | | | | |
| | | $i_N$ | 24 02 | 8 | -3 | | | | |
| | | $eLR_Z$ | 31.3 | 24 | | | | | |
| | | $ME$ | 33.8 | 20 | | 4 | | | |
| | | $MN$ | 33.9 | 20 | 4 | | | | |
| | | $MZ$ | 34.3 | 20 | | | 7 | | |
| 351 | 10 | $iP_V$ | 12 41 19 | 1 | | | + | | Compression. |

1956, September.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 353 | Sept.10 | iPZ | 23 57 56 | 4? | | | + | 29°9 | Compression |
| | | ePPZ | 58 54 | | | | | | H 23 51 44 |
| | | iPPPE | 59 07 | 5 | | +3 | | | |
| | | iE | 59 16 | 6 | | +3 | | | |
| | | iE | 59 26 | 6 | | -3 | | | |
| | | eSE | 24 02 53 | 7 | | | | | |
| | | eLN | 04.6 | 24 | | | | | |
| | | iE | 08 28 | 7 | | -7 | | | |
| | | iE | 08 45 | 5 | | -7 | | | |
| | | MN | 10.2 | 12 | 7 | | | | |
| | | MZ | 10.5 | 15 | | | 5 | | |
| | | ME | 10.7 | 14 | | 5 | | | |
| 354 | 11 | iPZ | 02 38 43 | 4 | | | -3 | 30°8 | Dilatation |
| | | iPE | 38 44 | 4 | | +2 | | | H 02 32 24 |
| | | iPPPE | 39 59 | 4 | | +3 | | | |
| | | iSNE | 43 47 | 7 | -5 | -7 | | | |
| | | iE | 43 57 | 8 | | -8 | | | |
| | | iN | 45 00 | 7 | -6 | | | | |
| | | iSSE | 45 27 | 7 | | -9 | | | |
| | | eN | 45 43 | 20 | | | | | |
| | | iSSSE | 45 51 | 7 | | +4 | | | |
| | | MN | 46 10 | 20 | 15 | | | | |
| | | iN | 46 37 | 7 | +7 | | | | |
| | | eLE | 46.9 | 30 | | | | | |
| | | MZ | 47.8 | 22 | | | 14 | | |
| | | MN | 48.2 | 17 | 18 | | | | |
| | | ME | 48.3 | 21 | | 20 | | | |
| 356 | 11 | iPZ | 15 49 09 | 3 | | | +3 | 23°6 | Compression |
| | | iPE | 49 10 | 3 | | -2 | | | h 0.00, |
| | | ipPZ | 49 18 | 3 | | | +4 | | H 15 44 00 |
| | | isPNEZ | 49 23 | 4 | -5 | -6 | +10 | | |
| | | iNZ | 49 35 | 4 | +5 | | +5 | | |
| | | eSN | 53 18 | | | | | | |
| | | iZ | 53 22 | 4 | | | +5 | | |
| | | iE | 53 26 | 5 | | +8 | | | |
| | | iN | 53 27 | 7 | -22 | | | | |
| | | iN | 53 41 | 7 | -22 | | | | |
| | | iE | 53 42 | 7 | | -15 | | | |
| | | iN | 53 55 | 6 | +13 | | | | |
| | | iSSE | 54 07 | 8 | | +14 | | | |
| | | iN | 54 28 | 7 | -13 | | | | |
| | | iN | 54 46 | 8 | -19 | | | | |
| | | iE | 54 54 | 9 | | -14 | | | |
| | | eLREZ | 55.1 | 27 | | | | | |
| | | MZ | 56.3 | 20 | | | 21 | | |
| | | ME | 57.9 | 14 | | 14 | | | |
| | | MN | 58.3 | 13 | 27 | | | | |
| 357 | 11 | (i)V | 20 45 44 | 1 | | | + | | Masked by micro- |
| | | eE | 54 13 | | | | | | seisms. |
| | | eN | 54 51 | | | | | | |
| | | eLN | 56.1 | 18 | | | | | |
| | | ME | 58.9 | 16 | | 4 | | | |
| | | MN | 59.0 | 13 | 3 | | | | |
| | | MZ | 59.1 | 18 | | | 5 | | |
| 358 | 11 | (iP)V | 21 16 27 | 1 | | | + | | Compression. |
| | | iV | 16 35 | 1 | | | + | | Masked by micro- |
| | | e(S)E | 26 45 | | | | | | seisms & coda of |
| | | eLE | 44.2 | 25 | | | | | no.357 |
| 359 | 13 | iPNZ | 14 04 47 | 4 | +1 | | +1 | 19°1 | Compression |
| | | iPPPZ | 05 10 | 4 | | | +1 | | H 14 00 20 |
| | | eSE | 08 17 | | | | | | |
| | | eLRN | 09.4 | 25 | | | | | |
| | | eLZ | 09.7 | 28 | | | | | |
| | | ME | 10.4 | 21 | | 7 | | | |
| | | MNZ | 10.7 | 20 | 6 | | 8 | | |

1956, September.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 360 | Sept.13 | iPNZ | 14 34 39 | 4 | +3 | | +2 | 18°5 | Compression H 14 30 20 |
| | | eSE | 38 05 | | | | | | |
| | | iEZ | 38 20 | 7 | | -3 | +2 | | |
| | | eLZ | 39.2 | 27 | | | | | |
| | | eLN | 39.3 | 25 | | | | | |
| | | MZ | 40.6 | 21 | | | 9 | | |
| | | ME | 41.1 | 11 | | 5 | | | |
| | | MNZ | 41.9 | 10 | 6 | | 5 | | |
| 361 | 13 | e(S)E | 18 53 04 | | | | | | |
| | | e(S)N | 53 06 | | | | | | |
| | | iN | 53 14 | 4 | -2 | | | | |
| | | iNE | 53 24 | 5 | -3 | -4 | | | |
| | | iN | 53 50 | 4 | +2 | | | | |
| | | eLE | 54.8 | 26 | | | | | |
| | | ME | 56.5 | 18 | | 3 | | | |
| | | MN | 57.1 | 15 | 4 | | | | |
| | | MZ | 58.4 | 15 | | | 1 | | |
| 364 | 15 | iPV | 10 38 50 | 1½ | | | - | 30°2 | Dilatation h 0.06, H 10 33 14 |
| | | ipPN | 40 08 | 3 | -1 | | | | |
| | | iSN | 43 19 | 3 | -2 | | | | |
| | | eSSN | 45 45 | 9 | | | | | |
| | | eSSE | 45 48 | 7 | | | | | |
| 365 | 15 | iSN | 16 35 49 | 7 | -2 | | | | |
| | | iN | 38 07 | 6 | +2 | | | | |
| | | eLE | 38.2 | 21 | | | | | |
| | | MN | 40.4 | 13 | 2 | | | | |
| 366 | 16 | (eP)Z | 08 51 15 | | | | | 102° ca | |
| | | ePPZ | 55 34 | 5 | | | | | |
| | | eE | 09 01 37 | 9 | | | | | |
| | | iSN | 02 58 | 4 | +1 | | | | |
| | | ePSN | 04 36 | 10 | | | | | |
| | | eE | 08 31 | 16 | | | | | |
| | | eSSN | 10 01 | 12 | | | | | |
| | | eSSE | 10 10 | 9 | | | | | |
| | | eLQN | 19.5 | 25 | | | | | |
| | | eLRN | 25.3 | 39 | | | | | |
| | | ME | 33.2 | 25 | | 9 | | | |
| | | MN | 34.5 | 25 | 8 | | | | |
| | | MZ | 38.4 | 24 | | | 6 | | |
| 367 | 16 | iPV | 13 33 01 | 1 | | | + | 32°8 | Compression h 0.02, H 13 26 41 |
| | | eSN | 38 05 | | | | | | |
| | | eLN | 41.0 | 18 | | | | | |
| | | iScSE | 43 08 | 4 | | +2 | | | |
| 368 | 16 | iPV | 23 36 43 | 1 | | | - | | Dilatation |
| 370 | 19 | (iP)V | 23 59 39 | 1 | | | + | | Masked by micro- |
| | | iV | 24 00 35 | 1½ | | | + | | seisms. |
| 371 | 22 | iN | 07 02 13 | 4 | +2 | | | | Obscured by very |
| | | iN | 02 26 | 4 | +5 | | | | large microseism |
| | | iN | 03 16 | 4 | +6 | | | | |
| | | iN | 05 58 | 4 | +6 | | | | |
| 372 | 23 | i(P)V | 00 39 53 | 1 | | | + | | Compression |
| | | iV | 40 06 | 1 | | | - | | |
| 373 | 24 | (iP)V | 06 11 59 | 1½ | | | - | | Dilatation |
| | | iV | 12 09 | 1 | | | + | | Masked by micro- |
| | | i(PP)E | 13 27 | 4 | | -2 | | | seisms. |
| | | i(PP)Z | 13 28 | 5 | | | -3 | | |
| | | e(S)E | 17 58 | 13 | | | | | |
| | | i(SS)N | 20 38 | ? | + | | | | |
| | | eLQN | 20.9 | 23 | | | | | |
| | | eLRE | 22.5 | 27 | | | | | |
| | | MN | 24.4 | 15 | 2 | | | | |
| | | MZ | 25.3 | 16 | | | 4 | | |
| | | ME | 25.4 | 16 | | 3 | | | |

1956, September-October.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| o. | Date | Phase | Time (G.M.T.) | Per | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 74 | Sept.24 | $iP_V$ | 07 07 30 | 1 | | | - | 24°8 | Dilatation |
| | | $isP_{EZ}$ | 07 37 | 4 | | +5 | -5 | | |
| | | $iPP_N$ | 08 04 | 4 | +5 | | | | |
| | | $iPP_E$ | 08 05 | 3 | | +3 | | | |
| | | $i_E$ | 08 09 | 4 | | +3 | | | |
| | | $iS_N$ | 11 51 | 6 | +5 | | | | |
| | | $i_E$ | 11 58 | 9 | | +8 | | | |
| | | $i_N$ | 12 03 | 6 | +8 | | | | |
| | | $i_Z$ | 12 05 | 4 | | | +5 | | |
| | | $i_E$ | 12 12 | 9 | | +16 | | | |
| | | $i_E$ | 12 22 | 5 | | -15 | | | |
| | | $eL_N$ | 12.9 | 26 | | | | | |
| | | MN | 14.9 | 16 | 33 | | | | |
| | | MZ | 15.8 | 16 | | | 18 | | |
| | | ME | 16.4 | 15 | | 19 | | | |
| 75 | 24 | $(iP)_V$ | 10 34 38 | 1½ | | | + | | Compression |
| | | ME | 11 20.8 | 23 | | 2 | | | |
| 76 | 26 | $(iP)_V$ | 01 28 40 | 1 | | | + | | Compression |
| 77 | 26 | $i(S)_N$ | 14 10 09 | 4 | -2 | | | | |
| | | $i_N$ | 12 21 | 6 | +3 | | | | |
| 79 | 29 | $iP_V$ | 04 03 03 | 1 | | | + | | Compression |
| | | $eN_E$ | 12 44 | | | | | | |
| 80 | 29 | $iP_V$ | 09 14 39 | 1½ | | | + | | Compression |
| | | $i_Z$ | 14 46 | 3 | | | +2 | | |
| | | $i(ScS)_E$ | 24 36 | 4 | | +2 | | | |
| | | $eLR_N$ | 35.9 | 33 | | | | | |
| | | MEZ | 42.0 | 22 | | 4 | 4 | | |
| | | MN | 42.6 | 16 | 5 | | | | |
| | | MEZ | 47.0 | 19 | | 6 | 5 | | |
| 81 | 29 | $(S)_N$ | 21 41 44 | | | | | | |
| 82 | 29 | $(P)_V$ | 22 30 43 | | | | | | Masked by micro-seisms. |
| | | $e(S)_E$ | 37 07 | | | | | | |
| | | $i(SS)_N$ | 40 10 | 7 | -3 | | | | |
| | | $i_E$ | 40 17 | 5 | | +4 | | | |
| | | $i_N$ | 40 28 | 7 | +3 | | | | |
| | | $i_E$ | 40 41 | 5 | | +3 | | | |
| | | $i_N$ | 41 13 | 5 | +2 | | | | |
| 83 | 29 | $iP_Z$ | 23 31 59 | 2 | | | +2 | 68°9 | Compression |
| | | $ipP_Z$ | 32 18 | 2 | | | +2 | | h 0.005, |
| | | $iS_N$ | 41 01 | 6 | +2 | | | | H 23 20 53 |
| | | $sS_N$ | 41 31 | ? | | | | | |
| | | $iPS_E$ | 41 41 | 5 | | -3 | | | |
| | | $iSKS_N$ | 41 50 | 5 | -2 | | | | |
| 84 | 30 | $iP_V$ | 14 50 17 | 1½ | | | - | | Dilatation |

Minor activity: 1d 00.7h; 3d 18.3h; 7d 01.1h; 10d 15.0h; 11d 08.9h; 15d 08.1h & 09.8h; 18d 02.7h; 27d 13.0h.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 85 | Oct.2 | $(iP)_V$ | 15 09 08 | 1 | | | + | | Compression |
| | | $(SKS)_N$ | 19 26 | | | | | | |
| | | $(S)_E$ | 19 45 | | | | | | |
| | | $eLR_N$ | 38.3 | 30 | | | | | |
| 86 | 3 | $e(Pg)_V$ | 06 55 37 | ½ | | | | | |
| 87 | 3 | $i(PKP)_Z$ | 08 37 01 | 3 | | | +2 | | Compression |
| 88 | 3 | $(P)_V$ | 14 56 33 | 1 | | | | | |
| | | ME | 15 03.2 | 9 | | 1 | | | |
| 91 | 4 | $(P)_V$ | 02 28 44 | 1 | | | | | Masked by micro-seisms. |
| | | $e(S)_N$ | 33 10 | 7 | | | | | |
| | | $eE$ | 33 25 | 14 | | | | | |
| | | $eL_E$ | 35.3 | 20 | | | | | |
| | | MZ | 37.5 | 18 | | | 1 | | |
| | | MNE | 38.3 | 13 | 2 | 3 | | | |
| | 4 | $i_V$ | 07 33 35 | 1½ | | | - | | |
| 92 | 5 | $iP_V$ | 21 48 33 | 1 | | | + | | Compression |
| 93 | 6 | $iP_V$ | 06 24 06 | 1 | | | + | | Compression |
| | | $eE$ | 34 16 | | | | | | |
| | | ME | 44.2 | 16 | | 1 | | | |
| | | MNZ | 44.6 | 15 | 1 | | 1 | | |

1956, October.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 394 | Oct. 7 | $iP_V$ | 21 33 10 | 1 | | | + | 25°5 | Compression |
| | | $i_V$ | 33 26 | 1 | | | + | | h 0.01, |
| | | $ipP_V$ | 33 35 | 1 | | | + | | H 21 27 49 |
| | | $iPP_V$ | 33 53 | 1 | | | + | | |
| | | $iS_N$ | 37 28 | 4 | +3 | | | | |
| | | $i_E$ | 37 34 | 4 | | +3 | | | |
| | | $i_E$ | 37 42 | 4 | | +3 | | | |
| | | $isS_N$ | 38 11 | 4 | -3 | | | | |
| | | $iSS_N$ | 38 34 | 5 | -3 | | | | |
| | | $i_N$ | 38 43 | 5 | -4 | | | | |
| | | $eL_E$ | 39.7 | 26 | | | | | |
| | | $i_E$ | 44 35 | 4 | | +3 | | | |
| 397 | 8 | $iP_Z$ | 15 02 33 | 3 | | | +3 | 34°3 | Compression |
| | | $i_Z$ | 02 39 | 4 | | | +3 | | H 14 55 43 |
| | | $iPP_Z$ | 03 48 | 4 | | | +3 | | Microseisms pres |
| | | $iS_E$ | 08 00 | 7 | | -3 | | | ent. |
| | | $i_N$ | 08 02 | 4 | -2 | | | | |
| | | $i_Z$ | 09 02 | 3 | | | +3 | | |
| | | $eLQ_N$ | 10.1 | 17 | | | | | |
| | | $eL_Z$ | 12.7 | 20 | | | | | |
| | | MN | 14.2 | 13 | 6 | | | | |
| | | MZ | 15.8 | 17 | | | 9 | | |
| | | ME | 16.6 | 16 | | 10 | | | |
| 398 | 9 | $(eP)_V$ | 06 26 14 | | | | | | Masked by micro- |
| | | $i_Z$ | 26 57 | 4 | | | +2 | | seisms. |
| | | $e_N$ | 32 59 | | | | | | |
| | | $e_N$ | 34 49 | 13 | | | | | |
| | | $eL_E$ | 37.2 | 21 | | | | | |
| | | MN | 39.9 | 12 | 4 | | | | |
| | | MEZ | 40.8 | 16 | | 4 | 5 | | |
| 400 | 10 | $iPg_V$ | 02 12 24 | ¼ | | | + | 0°3 | Compression |
| | | $iSg_V$ | 12 27½ | ½ | | | + | | H 02 12 18 |
| 401 | 10 | $e_E$ | 02 15 12 | | | | | | |
| | | $i_E$ | 15 43 | 4 | | +2 | | | |
| | | $eL_N$ | 16.6 | 16 | | | | | |
| | | $i_E$ | 18 33 | 3 | | +2 | | | |
| 402 | 11 | $iP_Z$ | 02 36 32 | 5 | | | -31 | 79°5 | Dilatation |
| | | $i_{NE}$ | 36 34 | 4 | +12 | +3 | | | h 0.01., |
| | | $i_Z$ | 36 44 | 4 | | | -26 | | H 02 24 34 |
| | | $i_N$ | 36 52 | 5 | -10 | | | | |
| | | $ipP_Z$ | 37 01 | 5 | | | -6 | | |
| | | $isP_Z$ | 37 03 | 4 | | | -30 | | |
| | | $isP_N$ | 37 09 | 5 | +15 | | | | |
| | | $i_Z$ | 37 18 | 8 | | | +47 | | |
| | | $i_Z$ | 39 18 | 5 | | | -12 | | |
| | | $i(PP)_Z$ | 39 30 | 7 | | | -16 | | |
| | | $i_Z$ | 39 44 | 7 | | | +28 | | |
| | | $i_Z$ | 40 01 | 7 | | | -12 | | |
| | | $i_N$ | 40 09 | 5 | -10 | | | | |
| | | $i_Z$ | 40 19 | 4 | | | +18 | | |
| | | $i_N$ | 46 16 | 7 | +6 | | | | |
| | | $iS_E$ | 46 24 | 6 | | -11 | | | |
| | | $i_E$ | 46 30 | 8 | | -41 | | | |
| | | $iSKS_N$ | 46 34 | 9 | +80 | | | | |
| | | $i_Z$ | 46 36 | 6 | | | +22 | | |
| | | $m_E$ | 46 37 | 10 | | 36 | | | |
| | | $iScS_N$ | 46 46 | 7 | -64 | | | | |
| | | $i_Z$ | 47 06 | 10 | | | -21 | | |
| | | $isS_N$ | 47 16 | 8 | +75 | | | | |
| | | $i_E$ | 47 23 | 6 | | +9 | | | |
| | | $i_N$ | 47 33 | 8 | +68 | | | | |
| | | $eL_E$ | 03 01.4 | 27 | | | | | |
| | | ME | 09.1 | 19 | | 29 | | | |
| | | MN | 09.6 | 16 | 18 | | | | |
| | | MZ | 09.9 | 19 | | | 33 | | |
| 403 | 11 | $eSS_E$ | 17 22 40 | 13 | | | | | |
| | | $eLQ_N$ | 32.4 | 36 | | | | | |
| | | $eLR_Z$ | 37.9 | 30 | | | | | |

1956, October.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 425 cont. | Oct.24 | ePS$_E$ | 15 12 41 | 20 | | | | | |
| | | i$_E$ | 13 43 | 5 | | +7 | | | |
| | | ePPS$_{NE}$ | 14 14 | 18 | | | | | |
| | | e$_E$ | 18 43 | 19 | | | | | |
| | | eSS | 19 55 | 28 | | | | | |
| | | i$_E$ | 23 00 | 7 | | -11 | | | |
| | | eLQ$_N$ | 34.2 | 31 | | | | | |
| | | eLR$_Z$ | 39.7 | 30 | | | | | |
| | | MNEZ | 41.8 | 23 | 12 | 16 | 20 | | |
| | | MEZ | 54.1 | 17 | | 13 | 13 | | |
| | | eW$_2$E | 16 42.6 | 30 | | | | | |
| 426 | 24 | i(P)Z | 17 28 45 | 3 | | | +5 | | Compression |
| | | i$_N$ | 33 45 | 6 | +3 | | | | Masked by micro- |
| | | i$_N$ | 34 31 | 5 | +4 | | | | seisms. |
| | | eL$_N$ | 35.6 | 21 | | | | | |
| | | ME | 37.9 | 18 | | 5 | | | |
| | | MN | 40.6 | 13 | 2 | | | | |
| 429 | 26 | ePZ | 02 52 52 | | | | | 27°2 | H 02 47 05 |
| | | i$_Z$ | 52 57 | 4 | | | -2 | | |
| | | i$_Z$ | 56 24 | 5 | | | -4 | | |
| | | eS$_N$ | 57 30 | 7 | | | | | |
| | | e$_E$ | 57 37 | 8 | | | | | |
| | | i$_Z$ | 57 39 | 4 | | | -3 | | |
| | | eSS$_N$ | 58 48 | 9 | | | | | |
| | | iSSS$_N$ | 59 12 | 8 | + | | | | |
| | | eL$_E$ | 59.8 | 27 | | | | | |
| | | MZ | 03 01.1 | 19 | | | 4 | | |
| | | ME | 01.5 | 20 | | 5 | | | |
| | | MN | 02.5 | 12 | 2 | | | | |
| | | i$_N$ | 04 04 | 6 | +6 | | | | |
| 430 | 26 | iPZ | 09 01 16 | 3 | | | -3 | 34°1 | Dilatation |
| | | ipPZ | 01 49 | 3 | | | +2 | | h 0.02, |
| | | i$_Z$ | 01 55 | 4 | | | -3 | | H 08 54 45 |
| | | iS$_E$ | 06 29 | 6 | | +5 | | | |
| | | i$_N$ | 06 34 | 7 | +4 | | | | |
| | | isS$_{NE}$ | 07 26 | 6 | -3 | -3 | | | |
| | | i$_N$ | 08 24 | 4 | -4 | | | | |
| | | i$_E$ | 08 28 | 4 | | +5 | | | |
| | | i$_N$ | 08 32 | 4 | -4 | | | | |
| | | i$_E$ | 08 40 | 7 | | +4 | | | |
| | | i$_N$ | 09 00 | 6 | +10 | | | | |
| | | i$_E$ | 09 01 | | | [illegible] | | | |
| | | i$_E$ | 09 57 | 3 | | +6 | | | |
| | | MNE | 13.6 | 10 | 9 | | | | |
| 432 | 26 | iPV | 22 55 48 | 1 | | | + | 24°6 | Compression |
| | | iPNEZ | 55 49 | 4 | -9 | -8 | +14 | | Compression |
| | | iNEZ | 56 01 | 4 | -7 | -7 | +6 | | H 22 50 25 |
| | | iNEZ | 56 08 | 4 | -9 | -9 | +14 | | |
| | | i$_Z$ | 56 17 | 4 | | | +11 | | |
| | | i$_{NE}$ | 56 19 | 4 | +14 | +12 | | | |
| | | iPPP$_N$ | 56 34 | 5 | +15 | | | | |
| | | i$_Z$ | 56 35 | 5 | | | +16 | | |
| | | i$_Z$ | 56 40 | 5 | | | +13 | | |
| | | i$_E$ | 56 43 | 4 | | -12 | | | |
| | | i$_N$ | 56 44 | 4 | +8 | | | | |
| | | i$_N$ | 56 48 | 4 | +6 | | | | |
| | | i$_E$ | 56 49 | 4 | | -8 | | | |
| | | i$_Z$ | 56 53 | 4 | | | +5 | | |
| | | i$_Z$ | 57 01 | 4 | | | +12 | | |
| | | i$_N$ | 57 03 | 5 | -9 | | | | |
| | | i$_Z$ | 57 09 | 5 | | | -7 | | |
| | | i$_N$ | 57 11 | 4 | +8 | | | | |
| | | i$_Z$ | 57 23 | 5 | | | +11 | | |
| | | i$_N$ | 57 42 | 6 | +11 | | | | |
| | | i$_E$ | 57 44 | 4 | | +9 | | | |
| | | i$_N$ | 58 16 | 6 | +8 | | | | |
| | | iS$_{NZ}$ | 23 00 07 | 7 | -45 | | | | |

- (Continued on next page)

RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 432 cont. | Oct.26 | iZ | 23 00 22 | 6 | | | +31 | | |
| | | iE | 00 23 | 7 | | -38 | | | |
| | | iE | 00 34 | 6 | | -28 | | | |
| | | iN | 00 36 | 6 | +27 | | | | |
| | | iNZ | 00 45 | 6 | +58 | | +23 | | |
| | | iE | 00 49 | 7 | | -46 | | | |
| | | iN | 00 54 | 7 | -60 | | | | |
| | | iE | 00 56 | 7 | | +37 | | | |
| | | iN | 01 11 | 7 | +18 | | | | |
| | | iN | 01 21 | 14 | +93 | | | | |
| | | iZ | 01 27 | 7 | | | +13 | | |
| | | iE | 01 29 | 9 | | -43 | | | |
| | | LEZ | 02.1 | 25 | | | | | |
| | | ME | 03.4 | 21 | | 88 | | | |
| | | MZ | 03.5 | 20 | | | 87 ca | | |
| | | MN | 04.6 | 16 | 41 | | | | |
| 436 | 27 | PV | 19 43 36 | | | | | 19°5 | |
| | | iN | 43 38 | 4 | +2 | | | | |
| | | iE | 43 39 | 4 | | -2 | | | |
| | | eSE | 47 11 | 6 | | | | | |
| | | eLQE | 47.3 | 17 | | | | | |
| | | eLN | 47.4 | 17 | | | | | |
| | | ME | 48.3 | 13 | | 3 | | | |
| | | MN | 48.6 | 11 | 2 | | | | |
| | | MZ | 49.1 | 13 | | | 1 | | |
| | | TV | 20 02.9 | ½ | | | | | |
| 437 | 28 | (ipP)V | 03 01 51 | 1½ | | | + | | Obscured by larg microseisms. |
| | | iN | 04 15 | 4 | +2 | | | | |
| | | i(ScS)E | 10 41 | 4 | | +2 | | | |
| 438 | 28 | iPEZ | 03 34 08 | 3 | | -14 | +21 | 24°7 | Compression h 0.00, H 03 28 49 |
| | | iPN | 34 09 | 4 | +4 | | | | |
| | | iZ | 34 12 | 3 | | | -22 | | |
| | | ipPZ | 34 16 | 3 | | | +14 | | |
| | | ipPEZ | 34 18 | 3 | | -10 | +12 | | |
| | | iZ | 34 25 | 4 | | | -12 | | |
| | | iE | 34 26 | 3 | | +6 | | | |
| | | iE | 34 29 | 4 | | -16 | | | |
| | | iZ | 34 37 | 4 | | | +9 | | |
| | | iPPEZ | 34 45 | 4 | | -25 | +39 | | |
| | | iN | 34 48 | 5 | -7 | | | | |
| | | iZ | 35 05 | 4 | | | +19 | | |
| | | iN | 35 13 | 4 | -13 | | | | |
| | | iE | 35 14 | 6 | | +19 | | | |
| | | iZ | 35 21 | 3 | | | +14 | | |
| | | iZ | 35 30 | 4 | | | +14 | | |
| | | iN | 35 36 | 4 | +6 | | | | |
| | | iE | 35 46 | 3 | | +8 | | | |
| | | iPcPV | 37 45 | 2 | | | - | | |
| | | iE | 38 20 | 5 | | +9 | | | |
| | | iSN | 38 25 | 4 | +7 | | | | |
| | | iN | 38 29 | 5 | +18 | | | | |
| | | iE | 38 30 | 5 | | -12 | | | |
| | | isSN | 38 44 | 6 | +21 | | | | |
| | | iZ | 38 45 | 7 | | | -13 | | |
| | | iE | 38 46 | 5 | | -19 | | | |
| | | iN | 38 54 | 6 | +22 | | | | |
| | | iZ | 38 57 | 6 | | | -27 | | |
| | | iE | 39 05 | 6 | | -22 | | | |
| | | iSSN | 39 19 | 7 | +24 | | | | |
| | | iSSEZ | 39 21 | 6 | | -21 | +20 | | |
| | | iSSSN | 39 36 | 7 | +40 | | | | |
| | | iN | 39 54 | 7 | -38 | | | | |
| | | eLRZ | 40.5 | 36 | | | | | |
| | | MN | 41.7 | 19 | 57 | | | | |
| | | ME | 42.0 | 25 | | 94 | | | |
| | | MZ | 42.1 | 23 | | | 94 | | |
| | | iScSN | 45 08 | 5 | -11 | | | | |

1956, October-November.
RIVERVIEW COLLEGE OBSERVATORY.
Seismological Bulletin.

| No | Date | Phase | Time (G.M.T.) h m s | Per. s | Amplitude $A_N$ μ | $A_E$ μ | $A_Z$ μ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | | | | | | | |
| 440 | Oct.28 | $i_Z$ | 06 50 17 | 3 | | | +2 | | Masked by micro-seisms. |
| | | $i_Z$ | 51 42 | 3 | | | +2 | | |
| | | $eS_E$ | 55 37 | 6 | | | | | |
| | | $eL_Z$ | 59.6 | 24 | | | | | |
| | | ME | 07 02.3 | 18 | | 2 | | | |
| | | MNZ | 03.6 | | 2 | | 1 | | $T_N$=13s, $T_Z$= 18s. |
| 441 | 28 | $iP_Z$ | 10 54 39 | 3 | | | -2 | 54°7 | Dilatation |
| | | $i_Z$ | 54 44 | 4 | | | +3 | | H 10 45 06 |
| | | $eS_N$ | 11 02 19 | | | | | | |
| | | $iS_E$ | 02 20 | 4 | | +2 | | | |
| | | $ePS_E$ | 02 31 | | | | | | |
| | | $i_N$ | 02 45 | 4 | -2 | | | | |
| | | $i_E$ | 03 12 | 5 | | -3 | | | |
| | | $i_E$ | 04 17 | 4 | | -2 | | | |
| | | $eSS_N$ | 06 02 | 14 | | | | | |
| | | $eSS_E$ | 06 08 | 18 | | | | | |
| | | ME | 13.4 | 22 | | 7 | | | |
| | | MN | 15.1 | 18 | 6 | | | | |
| 443 | 30 | (P)Z | 00 51 14 | | | | | | |
| | | $eL_N$ | 01 06.4 | 20 | | | | | |
| 444 | 31 | $i_V$ | 14 22 26 | 1 | | | + | | Compression |
| | | iPPZ | 22 47 | 4 | | | -2 | | |
| | | $i_Z$ | 24 24 | 4 | | | +2 | | |
| | | $iSKS_E$ | 28 57 | 7 | | +3 | | | |
| | | $i_N$ | 29 01 | 5 | +1 | | | | |
| | | $iS_N$ | 30 27 | 7 | +4 | | | | |
| | | $ePS_E$ | 32 22 | 7 | | | | | |
| | | $i_N$ | 32 25 | 7 | +3 | | | | |
| | | e(PPS)Z | 33 11 | 13 | | | | | |
| | | e(PPS)E | 33 13 | 13 | | | | | |
| | | eN | 33 25 | 10 | | | | | |
| | | $i_Z$ | 33 26 | 6 | | | -4 | | |
| | | $eSS_N$ | 38 05 | 18 | | | | | |
| | | $eSS_E$ | 38 12 | 11 | | | | | |
| | | $eSSS_N$ | 42 27 | 13 | | | | | |
| | | $eLQ_N$ | 49.5 | 33 | | | | | |
| | | $eL_N$ | 51.5 | 40 | | | | | |
| | | MNEZ | 15 01.3 | 20 | 6 | 6 | 9 | | |

Minor activity: 3d 15.6h,21.5h;8d 00.5h,04.9h;9d17.2h;13d 15.4h;14d 04.2h,21.4h; 15d 04.0h; 22d 19.0h;23d 10.3h;25d 06.3h,19.4h;26d 21.9h; 27d 12.8,13.7h,16.6h; 28d 05.7h;29d 12.3h;31d 22.8h.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 447 | Nov. 2 | iPV | 01 09 17 | 1 | | | + | | Compression |
| | | $i_V$ | 10 20 | 1½ | | | + | | |
| 448 | 3 | $iP_Z$ | 18 07 09 | 3 | | | -5 | 26°9 | Dilatation h 0.07, H 18 02 07 |
| | | $iP_E$ | 07 10 | 3 | | +1 | | | |
| | | i(pP)Z | 08 32 | 3 | | | +3 | | |
| | | i(sP)EZ | 09 33 | 4 | | -2 | +4 | | |
| | | $i_{NZ}$ | 10 02 | 4 | -3 | | +4 | | |
| | | $i_Z$ | 10 12 | 3 | | | +3 | | |
| | | $i_{EZ}$ | 10 22 | 4 | | -3 | +4 | | |
| | | $iS_E$ | 11 12 | 5 | | +6 | | | |
| | | $iS_N$ | 11 13 | 4 | -2 | | | | |
| | | $i_E$ | 11 20 | 5 | | +6 | | | |
| | | $i_N$ | 13 50 | 5 | -2 | | | | |
| | | $i_E$ | 13 59 | 7 | | +4 | | | |
| | | $i_N$ | 14 01 | 5 | -3 | | | | |
| | | $iScS_E$ | 17 03 | 4 | | +6 | | | |
| | | $i_N$ | 17 06 | 5 | +3 | | | | |
| | | $i_E$ | 20 07 | 5 | | +3 | | | |
| | | $i_E$ | 20 39 | 7 | | +6 | | | |
| 449 | 4 | (iP)Z | 05 48 14 | 3 | | | +2 | | Compression |
| | | $i_N$ | 58 16 | 4 | +1 | | | | |
| 450 | 4 | iPV | 06 23 30 | 1½ | | | + | 26°1 | Compression |
| | | $i_N$ | 24 02 | 4 | -2 | | | | |
| | | $eS_N$ | 28 00 | 9 | | | | | |
| | | $eL_E$ | 29.9 | 25 | | | | | |
| | | MNEZ | 33.5 | 13 | 4 | 5 | 3 | | |

1956, November.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 451 | Nov. 4 | iPEZ | 07 12 05 | 4 | | +2 | -3 | 31°2 | Dilatation |
| | | $i_{EZ}$ | 12 35 | 5 | | +3 | -3 | | H 07 05 42 |
| | | $i_Z$ | 13 13 | 4 | | | +2 | | |
| | | $i_Z$ | 13 28 | 4 | | | -2 | | |
| | | $i_E$ | 13 44 | 4 | | +5 | | | |
| | | $i_Z$ | 13 45 | 4 | | | -2 | | |
| | | $i_E$ | 13 54 | 4 | | -3 | | | |
| | | $i_Z$ | 13 55 | 4 | | | -3 | | |
| | | $i_N$ | 14 48 | 5 | +3 | | | | |
| | | $iS_{NE}$ | 17 11 | 6 | -6 | -5 | | | |
| | | $e_E$ | 17 29 | 16 | | | | | |
| | | $e(L)_N$ | 19.0 | ? | | | | | |
| | | $i_N$ | 19 17 | 6 | +6 | | | | |
| | | $i_N$ | 19 28 | 10 | +10 | | | | |
| | | $i_N$ | 19 45 | 11 | +24 | | | | |
| | | $i_E$ | 19 48 | 7 | | +6 | | | |
| | | $eL_E$ | 20.2 | 30 | | | | | |
| | | MN | 21.4 | 16 | 37 | | | | |
| | | MEZ | 22.1 | 19 | | 24 | 22 | | |
| | | $iScS_E$ | 22 41 | 5 | | +7 | | | |
| | | MEZ | 24.7 | 18 | | 28 | 26 | | |
| 456 | 6 | $(iP)_V$ | 14 19 05 | 1½ | | | + | | Compression |
| | | $i_V$ | 19 14 | 1½ | | | + | | Masked by micro- |
| | | $i_Z$ | 19 16 | 3 | | | +1 | | seisms. |
| | | $eS_{NE}$ | 24 22 | 10 | | | | | |
| | | $e_E$ | 24 30 | 15 | | | | | |
| | | $e_N$ | 24 31 | 18 | | | | | |
| | | $e(SS)_E$ | 26 13 | 5 | | | | | |
| | | $e(SSS)_E$ | 26 41 | 10 | | | | | |
| | | $i_E$ | 26 57 | 4 | | -3 | | | |
| | | $eL_N$ | 27.3 | 21 | | | | | |
| | | $i_E$ | 27 39 | 4 | | -3 | | | |
| | | $i_N$ | 27 41 | 4 | +4 | | | | |
| | | $i_Z$ | 29 29 | 4 | | | -4 | | |
| | | $i_N$ | 29 34 | 4 | +7 | | | | |
| | | $i_E$ | 29 40 | 7 | | -7 | | | |
| | | $i_Z$ | 29 52 | 4 | | | -4 | | |
| | | $i_N$ | 29 57 | 4 | +5 | | | | |
| | | $i_Z$ | 30 11 | 4 | | | +7 | | |
| | | $i_E$ | 30 12 | 4 | | +14 | | | |
| | | $i_E$ | 30 23 | 4 | | +21 | | | |
| | | $i_N$ | 30 30 | 4 | +12 | | | | |
| | | MNEZ | 33.4 | 12 | 21 | 21 | 30 | | |
| 457 | 7 | $e(Pg)_V$ | 02 04 06 | | | | | (0°5) | |
| | | $i_V$ | 04 10 | ¼ | | | + | | |
| | | $i_N$ | 04 11 | 1 | +1 | | | | |
| | | $iSg_V$ | 04 13 | ½ | | | + | | |
| 459 | 8 | $iP_V$ | 03c50 48 | 1½ | | | - | | Dilatation |
| | | $i(sP)_{EZ}$ | 53 25 | 4 | | +3 | -2 | | Masked by micro- |
| | | $iS_E$ | 54 42 | 4 | | +2 | | | seisms. |
| | | $i(ScP)_V$ | 56 42 | 1½ | | | + | | |
| 460 | 8 | $iP_V$ | 06 56 10 | 1½ | | | + | 32°0 | Compression |
| | | $ipP_Z$ | 57 40 | 4 | | | +3 | | h 0.075, |
| | | $ipP_E$ | 57 41 | 4 | | -2 | | | H 06 50 25 |
| | | $i_Z$ | 58 16 | 4 | | | +2 | | |
| | | $isP_Z$ | 58 33 | 4 | | | -2 | | |
| | | $iSNEZ$ | 07 00 46 | 4 | +2 | +6 | +4 | | |
| | | $i(ScP)_N$ | 01 33 | 4 | +3 | | | | |
| | | $iScS_E$ | 05 50 | 4 | | +4 | | | |
| | | $iScS_N$ | 05 51 | 4 | +4 | | | | |
| 461 | 8 | $iP_V$ | 15 53 46 | 1½ | | | + | 49°6 | Compression |
| | | $eS_N$ | 16 00 54 | | | | | | H 15 44 51 |
| | | $e(PS)_E$ | 01 05 | 18 | | | | | |
| | | $e(PPS)_N$ | 01 11 | 16 | | | | | |
| | | $eSS_N$ | 04 29 | 13 | | | | | |
| | | $e_E$ | 04 38 | 11 | | | | | |
| | | $eL_N$ | 09.5 | 24 | | | | | |
| | | MNE | 11.2 | 15 | 1 | 1 | | | |

1956, November.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.



| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 465 | Nov. 9 | (P)$_V$ | 12 03 38 | | | | | | Masked by micro-seisms. |
| | | e(S)$_E$ | 10 09 | | | | | | |
| | | eL$_N$ | 13.7 | 16 | | | | | |
| | | MN | 22.1 | 14 | 1 | | | | |
| | | ME | 22.9 | 16 | | 1 | | | |
| 466 | 9 | ePP$_E$ | 13 26 11 | 13 | | | | | |
| | | ePP$_Z$ | 26 15 | 13 | | | | | |
| | | eSKS$_E$ | 31 35 | 7 | | | | | |
| | | e(SKKS)$_E$ | 32 39 | 13 | | | | | |
| | | i$_E$ | 34 09 | 10 | | -4 | | | |
| | | ePS$_E$ | 36 00 | 10 | | | | | |
| | | i$_E$ | 36 15 | 9 | | +4 | | | |
| | | e$_Z$ | 36 45 | 18 | | | | | |
| | | iPPS$_E$ | 37 01 | 11 | | -9 | | | |
| | | eSS$_N$ | 42 21 | 22 | | | | | |
| | | e$_E$ | 42 40 | 18 | | | | | |
| | | eSSS$_N$ | 46 51 | 30 | | | | | |
| | | eLQ$_N$ | 56.7 | 27 | | | | | |
| | | eLR$_E$ | 14 01.8 | 27 | | | | | |
| 467 | 9 | ipP$_{EZ}$ | 18 02 45 | 5 | | | +2 | | Compression |
| | | isS$_N$ | 07 52 | 7 | +5 | | | | |
| | | eL$_N$ | 08.2 | 20 | | | | | |
| 468 | 10 | iP$_V$ | 14 49 52 | 1½ | | | + | 58°2 | Compression H 14 39 54 |
| | | eS$_E$ | 57 53 | | | | | | |
| | | eL$_E$ | 15 08.8 | 19 | | | | | |
| | | MN | 16.3 | 19 | 3 | | | | |
| 469 | 10 | i(P)$_V$ | 15 53 03 | 1½ | | | + | | Masked by micros. |
| 470 | 11 | iP$_V$ | 03 19 23 | 1 | | | - | | Dilatation. Masked by large micros. |
| | | i$_N$ | 19 49 | 4 | +4 | | | | |
| 471 | 12 | (iP)$_Z$ | 08 41 17 | 4 | | | +4 | | Compression |
| | | ME | 58.5 | 12 | | 1 | | | |
| 472 | 12 | (iP)$_Z$ | 15 19 52 | 4 | | | +3 | | Masked by micro-seisms. |
| | | (i)$_Z$ | 20 20 | 4 | | | +3 | | |
| | | e(S)$_N$ | 26 01 | | | | | | |
| | | i$_N$ | 26 26 | 6 | +4 | | | | |
| | | eL$_E$ | 29.0 | 21 | | | | | |
| | | MN | 31.8 | 15 | 2 | | | | |
| | | ME | 32.5 | 13 | | 3 | | | |
| 473 | 13 | iP$_V$ | 03 28 39 | 1½ | | | + | 49°3 | Compression H 03 19 46 |
| | | iS$_N$ | 35 44 | 6 | +2 | | | | |
| | | iS$_E$ | 35 45 | 5 | | +2 | | | |
| | | i(ScS)$_N$ | 38 22 | 7 | +2 | | | | |
| | | e(LQ)$_N$ | 40.6 | 15 | | | | | |
| | | MN | 46.6 | 20 | 2 | | | | |
| 474 | 13 | iP$_Z$ | 07 46 10 | 3 | | | -2 | 24°1 | Dilatation H 07 40 52 |
| | | i$_E$ | 46 12 | 3 | | -2 | | | |
| | | i$_{EZ}$ | 46 18 | 3 | | -2 | +5 | | |
| | | i$_N$ | 46 20 | 3 | +2 | | | | |
| | | i$_Z$ | 46 32 | 3 | | | +5 | | |
| | | iPP$_N$ | 46 43 | 4 | +3 | | | | |
| | | iPP$_Z$ | 46 44 | 4 | | | +4 | | |
| | | iPPP$_E$ | 46 53 | 4 | | +4 | | | |
| | | iPPP$_Z$ | 46 54 | 4 | | | +4 | | |
| | | i$_E$ | 47 02 | 4 | | +2 | | | |
| | | i$_Z$ | 47 18 | 4 | | | +3 | | |
| | | i$_E$ | 48 17 | 6 | | -3 | | | |
| | | i$_Z$ | 48 25 | 6 | | | +5 | | |
| | | eS$_E$ | 50 25 | | | | | | |
| | | e$_N$ | 50 30 | | | | | | |
| | | i$_{NE}$ | 50 37 | 7 | +11 | -7 | | | |
| | | iSS$_E$ | 51 13 | 6 | | -7 | | | |
| | | i$_N$ | 51 19 | 6 | +9 | | | | |
| | | eLR$_N$ | 51.9 | 19 | | | | | |
| | | eLR$_{EZ}$ | 52.1 | 30 | | | | | |
| | | MZ | 53.5 | 18 | | | 7 | | |
| | | MN | 53.6 | 15 | 20 | | | | |
| | | ME | 53.9 | 16 | | 7 | | | |
| | | iScS$_E$ | 57 14 | 7 | | -8 | | | |

1956, November
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | AN | AE | AZ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 475 | Nov.13 | (iP)V | 08 41 25 | 1 | | | + | | Compression |
| | | $iS_N$ | 45 47 | 4 | +1 | | | | Masked by micro- |
| | | $i_N$ | 45 59 | 4 | +3 | | | | seisms & coda of |
| | | $eL_N$ | 47.1 | 21 | | | | | no.474. |
| | | $eL_E$ | 47.5 | 28 | | | | | |
| | | MN | 48.5 | 16 | 5 | | | | |
| 476 | 13 | $iP_Z$ | 10 00 59 | 4 | | | -2 | 25°8 | Dilatation |
| | | $iNZ$ | 01 01 | 5 | +3 | | +5 | | H 09 55 25 |
| | | $i_E$ | 01 02 | 5 | | +2 | | | |
| | | $iPP_Z$ | 01 42 | 4 | | | +2 | | |
| | | $iPPP_Z$ | 01 53 | 5 | | | -5 | | |
| | | $eS_E$ | 05 27 | 9 | | | | | |
| | | $i_N$ | 05 41 | 8 | -8 | | | | |
| | | $i_Z$ | 05 48 | 7 | | | +7 | | |
| | | $i_N$ | 05 56 | 7 | -10 | | | | |
| | | $i_E$ | 06 14 | 7 | | +9 | | | |
| | | $iSS_N$ | 06 33 | 9 | +9 | | | | |
| | | $iSSS_N$ | 06 46 | 5 | +11 | | | | |
| | | $eL_N$ | 07.1 | 22 | | | | | |
| | | $i_N$ | 07 19 | 5 | +6 | | | | |
| | | $eLR_N$ | 07.4 | 21 | | | | | |
| | | ME | 09.2 | 10 | | 21 | | | |
| | | MN | 10.1 | 9 | 14 | | | | |
| | | MZ | 10.7 | 9 | | | 14 | | |
| 477 | 13 | $i_Z$ | 13 24 12 | 3 | | | +2 | | |
| | | eN | 30 22 | 12 | | | | | |
| | | MN | 34.6 | 13 | 3 | | | | |
| | | MEZ | 35.8 | 16 | | 2 | 2 | | |
| 479 | 14 | $iP_Z$ | 09 42 16 | 4 | | | -2 | 19°6 | Dilatation |
| | | $iS_E$ | 45 52 | 5 | | -2 | | | Large microseisms |
| | | $eL_N$ | 47.0 | 25 | | | | | present. |
| | | MNEZ | 48.7 | 15 | 3 | 4 | 4 | | |
| | | $i_E$ | 49 12 | 4 | | +5 | | | |
| | | $i_N$ | 53 20 | 4 | +3 | | | | |
| 481 | 15 | $e(S)_E$ | 17 53 25 | | | | | | |
| | | $eSS_E$ | 18 00 25 | 20 | | | | | |
| | | $eLR_E$ | 15.5 | 27 | | | | | |
| | | MEZ | 24.7 | 17 | | 1 | 1 | | |
| | | MN | 26.0 | 17 | 1 | | | | |
| 482 | 16 | $e_Z$ | 08 54 56 | | | | | | |
| | | $i(S)_E$ | 59 32 | 4 | | +3 | | | Masked by large |
| | | $i_E$ | 09 02 40 | 3 | | +5 | | | microseisms. |
| | | ME | 05.7 | 9 | | 9 | | | |
| | | MN | 06.5 | 9 | 6 | | | | |
| 483 | 16 | $eS_E$ | 12 00 53 | | | | | | |
| | | $eSS_N$ | 04 32 | 15 | | | | | Obscured by micro |
| | | ME | 11.9 | 16 | | 2 | | | seisms. |
| | | MN | 12.5 | 16 | 2 | | | | |
| 484 | 16 | $eP_E$ | 16 21 16 | | | | | | |
| | | $iS_E$ | 25 10 | 4 | | +7 | | | Masked by micro- |
| | | $i_N$ | 25 13 | 4 | +4 | | | | seisms. |
| | | $i_E$ | 25 32 | 4 | | -4 | | | |
| | | $eLR_N$ | 26.6 | 19 | | | | | |
| | | $eLR_E$ | 26.7 | 21 | | | | | |
| | | $i_N$ | 27 39 | 3 | +3 | | | | |
| 486 | 18 | $eP_Z$ | 18 22 32 | | | | | | |
| | | $iPP_{EZ}$ | 23 24 | 6 | | +5 | -5 | 28°3 | Microseisms pres- |
| | | $eS_N$ | 27 18 | | | | | | ent. |
| | | $i_N$ | 27 38 | 4 | +3 | | | | H 18 16 35 |
| | | eN | 28 41 | 17 | | | | | |
| | | $eL_Z$ | 30.3 | 22 | | | | | |
| | | MEZ | 32.8 | 16 | | 9 | 10 | | |
| | | MN | 34.4 | 14 | 16 | | | | |
| 487 | 19 | eN | 03 03 28 | | | | | | |
| | | $i_N$ | 07 41 | 3 | +3 | | | | Obscured by micro |
| | | $i_E$ | 07 44 | 4 | | -5 | | | seisms. |
| | | MNZ | 10.9 | 12 | 8 | | 8 | | |
| | | ME | 12.7 | 10 | | 5 | | | |

1956, November.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 508 | Nov.27 | iPEZ | 06 22 06 | 4 | | -3 | +3 | 21° ca. | Compression |
| | | i(pP)Z | 22 16 | 4 | | | -3 | | H 06 17 20 |
| | | iN | 22 19 | 4 | -2 | | | | |
| | | iPPE | 22 29 | 4 | | -3 | | | |
| | | iPPZ | 22 32 | 4 | | | -3 | | |
| | | iN | 22 33 | 4 | +3 | | | | |
| | | iSE | 25 56 | 4 | | +3 | | | |
| | | iZ | 26 00 | 6 | | | -5 | | |
| | | iN | 26 03 | 6 | +5 | | | | |
| | | iEZ | 26 15 | 6 | | -5 | +5 | | |
| | | eLE | 26.8 | 25 | | | | | |
| | | eLZ | 27.1 | 26 | | | | | |
| | | MN | 29.9 | 12 | 3 | | | | |
| 509 | 27 | ePZ | 17 05 34 | | | | | 28:0 | |
| | | iNZ | 05 52 | 4 | +3 | | -3 | | |
| | | iN | 06 04 | 4 | -3 | | | | |
| | | iZ | 06 05 | 4 | | | -4 | | |
| | | iSN | 10 18 | 5 | -3 | | | | |
| | | iN | 10 32 | 6 | -5 | | | | |
| | | iN | 10 53 | 6 | -4 | | | | |
| | | eLE | 13.3 | 20 | | | | | |
| | | ME | 16.2 | 13 | | 6 | | | |
| | | MZ | 18.2 | 15 | | | 6 | | |
| | | MN | 18.3 | 15 | 7 | | | | Compression |
| 511 | 27 | (iP)V | 09 48 38 | 1 | | | + | | |
| | | (i)V | 49 08 | 1 | | | + | 21° ca. | Compression |
| 512 | 27 | iPV | 13 23 43 | 1 | | | + | | |
| | | iZ | 23 48 | 4 | | | -7 | | |
| | | iE | 23 49 | 4 | | +8 | | | |
| | | iNZ | 23 54 | 4 | -3 | | +8 | | |
| | | iEZ | 23 58 | 4 | | +7 | -8 | | |
| | | iEZ | 24 10 | 4 | | -2 | +5 | | |
| | | iEZ | 24 21 | 6 | | +10 | -11 | | |
| | | iN | 24 28 | 6 | -8 | | | | |
| | | iEZ | 24 29 | 6 | | -8 | +8 | | |
| | | i(S)NE | 27 33 | 6 | +5 | +6 | | | |
| | | iZ | 27 36 | 7 | | | +10 | | |
| | | iE | 27 39 | 5 | | +12 | | | |
| | | iZ | 27 48 | 9 | | | +31 | | |
| | | iNE | 27 50 | 8 | -16 | +19 | | | |
| | | eLE | 28.0 | 23 | | | | | |
| | | iN | 28 16 | 7 | +13 | | | | |
| | | eLRE | 28.6 | 24 | | | | | |
| | | MN | 31.3 | 13 | 20 | | | | |
| | | MEZ | 31.5 | 14 | | 10 | 8 | | |
| 513 | 27 | (eP)Z | 15 57 00 | | | | | | |
| | | iZ | 57 05 | 5 | | | +3 | | |
| | | iN | 16 00 53 | 5 | +3 | | | | |
| | | eLE | 01.6 | 24 | | | | | Local. Felt in |
| 514 | 28 | eV | 00 26 53 | | | | + | | Sydney MM.I. |
| | | iV | 26 55 | ¼ | | | -2 | | |
| 515 | 28 | (iP)Z | 03 47 48 | 3 | | | | | |
| | | eLE | 53.2 | 18 | | | | | Local. Felt in |
| 516 | 28 | eV | 04 52 05 | | | | + | | Sydney MM.I. |
| | | iV | 52 07 | ¼ | | | +3 | | |
| 517 | 28 | iZ | 07 04 04 | 3 | | | + | 27:0 | Compression |
| 518 | 28 | iPV | 15 17 32 | 1 | | | | | |
| | | iN | 18 15 | 3 | +2 | | | | |
| | | eSN | 22 09 | | | | | | |
| | | iE | 22 55 | 5 | | +2 | | | |
| | | eLE | 24.9 | 28 | | | | | |
| | | MN | 25.8 | 15 | 2 | | | | |
| | | ME | 27.8 | 16 | | 1 | | | |
| | | MZ | 28.0 | 16 | | | 1 | | |

RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 519 | Nov.28 | $iP_Z$ | 19 39 37 | 4 | | | +4 | 83°7 | Compression |
| | | $ipP_Z$ | 39 50 | 4 | | | +6 | | h 0.00, |
| | | $iPP_Z$ | 42 49 | 3 | | | -2 | | H 19 27 10 |
| | | $iS_E$ | 49 56 | 6 | | -3 | | | |
| | | $i_N$ | 49 58 | 4 | +3 | | | | |
| | | $i_N$ | 50 14 | 4 | +3 | | | | |
| | | $i_E$ | 50 16 | 6 | | +2 | | | |
| | | $ePS_N$ | 50 53 | 10 | | | | | |
| | | $eSS_N$ | 55 23 | 19 | | | | | |
| | | $eL_E$ | 20 01.7 | 40 | | | | | |
| | | $eL_N$ | 03.7 | 37 | | | | | |
| | | $MN$ | 11.0 | 22 | 7 | | | | |
| | | $MEZ$ | 11.9 | 22 | | 2 | 10 | | |
| 520 | 29 | $iP_V$ | 04 26 24 | 1½ | | | + | | Compression |
| | | $iP_Z$ | 26 25 | 3 | | | +3 | | Compression |
| | | $iPcP_V$ | 26 28 | 1½ | | | + | | |
| | | $iPP_Z$ | 29 45 | 5 | | | +4 | | |
| | | $i_E$ | 36 36 | ? | | + | | | |
| | | $iSKS_N$ | 36 46 | 5 | +3 | | | | |
| | | $e_N$ | 37 42 | 11 | | | | | |
| | | $eSS_N$ | 42 40 | 16 | | | | | |
| | | $eLR_N$ | 53.8 | 30 | | | | | |
| | | $MZ$ | 05 06.1 | 16 | | | 2 | | |
| | | $MN$ | 07.8 | 16 | 3 | | | | |
| 521 | 29 | $iP_Z$ | 09 25 40 | 4 | | | -4 | 62°ca. | Dilatation |
| | | $i_N$ | 25 42 | 5 | -2 | | | | h (0.00), |
| | | $i_Z$ | 25 47 | 3 | | | +6 | | H 09 15 20 ca. |
| | | $i_N$ | 25 49 | 5 | +4 | | | | |
| | | $i(pP)_Z$ | 25 52 | 5 | | | +9 | | |
| | | $i_Z$ | 26 01 | 5 | | | +7 | | |
| | | $i_N$ | 26 23 | 5 | -3 | | | | |
| | | $i_Z$ | 26 25 | 5 | | | -5 | | |
| | | $i_N$ | 26 46 | 5 | +5 | | | | |
| | | $i_N$ | 27 18 | 6 | +5 | | | | |
| | | $iPP_Z$ | 27 57 | 5 | | | +6 | | |
| | | $i_Z$ | 28 15 | 4 | | | -4 | | |
| | | $i_{NZ}$ | 28 21 | 5 | +4 | | -7 | | |
| | | $i_N$ | 30 54 | 5 | +4 | | | | |
| | | $i_N$ | 31 13 | 5 | +4 | | | | |
| | | $iS_N$ | 34 01 | 6 | -5 | | | | |
| | | $i_E$ | 34 09 | 5 | | -5 | | | |
| | | $i(sS)_N$ | 34 17 | 6 | +9 | | | | |
| | | $i_E$ | 34 25 | 5 | | +3 | | | |
| | | $i_E$ | 34 38 | 8 | | +6 | | | |
| | | $i_E$ | 35 01 | 5 | | +7 | | | |
| | | $i_N$ | 35 16 | 6 | +6 | | | | |
| | | $i_E$ | 35 25 | 6 | | | | | |
| | | $i_E$ | 35 39 | 5 | | +4 | | | |
| | | $i_N$ | 35 52 | 5 | -4 | | | | |
| | | $i_N$ | 36 37 | 6 | +5 | | | | |
| | | $i_E$ | 36 40 | 7 | | -6 | | | |
| | | $i_N$ | 37 27 | 6 | +4 | | | | |
| | | $i_E$ | 37 31 | 6 | | +3 | | | |
| | | $iSS_E$ | 38 03 | 5 | | -3 | | | |
| | | $iSSS_E$ | 40 52 | 8 | | -5 | | | |
| | | $eL_E$ | 41.5 | 27 | | | | | |
| | | $i_E$ | 43 54 | 6 | | -6 | | | |
| | | $eL_N$ | 44.2 | 27 | | | | | |
| | | $i_E$ | 44 47 | 10 | | -17 | | | |
| | | $ME$ | 46.5 | 15 | | 7 | | | |
| | | $MNZ$ | 47.5 | 16 | 5 | | 3 | | |
| 522 | 29 | $iN$ | 10 10 28 | 6 | +5 | | | | |
| 523 | 29 | $(iP)_Z$ | 14 46 36 | 3 | | | -3 | | Obscured by |
| | | $e_N$ | 59 27 | | | | | | microseisms. |

Minor activity: 1d 08.2h;4d 10.5h, 11.3h;6d 00.3h;7d 15.6h;8d 07.3h;9d 07.8h,10.1
13d 15.1h;15d 15.1h;18d 10.0h;23d 18.2h;25d 02.0h,02.4h,12.3h,15.0h;27d 03.9h,08.
29d 23.7h; 30d 11.7h,17.1h.

1956, December.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 527 | Dec. 1 | iP$_{NEZ}$ | 07 48 25 | 4 | -1 | -2 | +3 | 20°8 | Compression |
| | | iZ | 48 33 | 4 | | | +2 | | H 07 43 40 |
| | | iPP$_{NEZ}$ | 48 43 | 4 | -3 | -4 | +4 | | |
| | | iS$_N$ | 52 13 | 5 | +3 | | | | |
| | | iS$_E$ | 52 14 | 4 | | -4 | | | |
| | | i$_E$ | 52 20 | 4 | | +4 | | | |
| | | i$_{NZ}$ | 52 22 | 5 | -3 | | -7 | | |
| | | i$_E$ | 52 30 | 7 | | +5 | | | |
| | | i$_N$ | 52 52 | 7 | -4 | | | | |
| | | eL$_{EZ}$ | 53.7 | 26 | | | | | |
| | | MNEZ | 55.4 | 17 | 4 | 8 | 6 | | |
| | 2 | (iP)$_V$ | 06 03 40 | 1½ | | | + | | Compression |
| 529 | 2 | e(P)$_V$ | 16 40 50 | | | | | | |
| | | i$_V$ | 40 53 | 1½ | | | + | | Compression |
| | | e(S)$_E$ | 46 31 | | | | | | |
| | | eL$_N$ | 49.2 | 22 | | | | | |
| | | ME | 54.8 | 17 | | 3 | | | |
| | | MZ | 55.3 | 17 | | | 3 | | |
| | | MN | 55.4 | 11 | 2 | | | | |
| 530 | 4 | iP$_Z$ | 10 19 34 | 4 | | | -3 | 74°5 | Dilatation |
| | | iPcP$_Z$ | 19 48 | 4 | | | +3 | | H 10 07 52 |
| | | eS$_N$ | 29 09 | | | | | | |
| | | i$_N$ | 29 31 | 4 | +2 | | | | |
| | | eSS$_N$ | 33 50 | 19 | | | | | |
| | | e$_E$ | 34 08 | 16 | | | | | |
| | | eL$_Z$ | 43.5 | 21 | | | | | |
| 534 | 8 | iPV | 16 23 25 | 1½ | | | + | 88°3 | Compression |
| | | eZ | 23 28 | | | | | | H 16 10 30 |
| | | iZ | 23 43 | 4 | | | -2 | | |
| | | iSKS$_N$ | 33 49 | 5 | +5 | | | | |
| | | eZ | 33 54 | 14 | | | | | |
| | | iS$_E$ | 34 09 | 6 | | -8 | | | |
| | | iScS$_N$ | 34 14 | 5 | +8 | | | | |
| | | i$_N$ | 34 19 | 5 | -9 | | | | |
| | | i$_N$ | 35 08 | 6 | -6 | | | | |
| | | iPPS$_N$ | 35 38 | 5 | +4 | | | | |
| | | e$_N$ | 39 23 | 15 | | | | | |
| | | eSS$_E$ | 39 55 | 16 | | | | | |
| | | eLQ$_E$ | 46.7 | 26 | | | | | |
| | | eLR$_Z$ | 51.4 | 30 | | | | | |
| | | eLR$_N$ | 51.6 | 30 | | | | | |
| | | MN | 55.6 | 22 | 11 | | | | |
| | | ME | 57.6 | 21 | | 6 | | | |
| | | MZ | 59.8 | 19 | | | 12 | | |
| 535 | 9 | (iP)$_V$ | 00 18 24 | 2 | | | + | | Masked by micro- |
| | | i$_V$ | 19 14 | 1½ | | | + | | seisms. |
| | | i$_V$ | 19 27 | 1½ | | | + | | |
| | | e(S)$_N$ | 24 52 | | | | | | |
| | | eL$_E$ | 33.8 | 22 | | | | | |
| 536 | 9 | (iP)$_V$ | 11 34 04 | 1½ | | | + | | Masked by micro- |
| | | i$_V$ | 35 06 | 1½ | | | + | | seisms. |
| | | i$_N$ | 39 23 | 4 | -1 | | | | |
| | | ME | 44.8 | 14 | | 2 | | | |
| | | MNZ | 46.9 | 15 | 2 | | 1 | | |
| 537 | 9 | (iP)$_V$ | 21 02 04 | 1 | | | + | | |
| | | i$_Z$ | 08 15 | 4 | | | +3 | | |
| | | MN | 19.5 | 13 | 1 | | | | |
| 539 | 13 | iP$_V$ | 15 00 00 | 1 | | | + | | Compression |
| | | i$_Z$ | 00 02 | 3 | | | +2 | | |
| | | eSS$_E$ | 09 30 | 19 | | | | | |
| | | eSS$_N$ | 09 31 | 18 | | | | | |
| | | eL$_E$ | 15.5 | 30? | | | | | |
| | | e$_N$ | 17 17 | 12 | | | | | |
| | | ME | 17.4 | 19 | | 2 | | | |
| | | e$_Z$ | 19 49 | 24 | | | | | |
| | | MZ | 20.5 | 15 | | | 2 | | |
| | | MN | 20.6 | 17 | 3 | | | | |

1956, December.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude $A_N$ | Amplitude $A_E$ | Amplitude $A_Z$ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 540 | Dec.13 | $(iP)_V$ | 19 42 53 | 1 | | | + | | |
| | | $eL_E$ | 55.9 | 20 | | | | | |
| | | MNE | 20 00.8 | 16 | 1 | 1 | | | |
| 541 | 14 | $P_{gV}$ | 06 37 17 | | | | | 0°3 | H 06 37 11 |
| | | $iS_{gV}$ | 37 20½ | ½ | | | - | | |
| | | $i_{NV}$ | 37 21½ | ½ | +4 | | - | | |
| 544 | 14 | $(P)_V$ | 19 31 39 | | | | | | |
| | | $e_N$ | 38 44 | 12 | | | | | |
| | | $eL_N$ | 39.7 | 19 | | | | | |
| 546 | 15 | $iP_Z$ | 13 58 40 | 3 | | | +3 | | Compression |
| | | $e(L)_N$ | 14 09.3 | | | | | | |
| 547 | 15 | iPV | 17 29 42 | 1 | | | + | 25°3 | Compression |
| | | $iP_Z$ | 29 43 | 3 | | | +5 | | Compression |
| | | $ipP_V$ | 30 12 | 1 | | | + | | h 0.02 ca., |
| | | $i_Z$ | 30 25 | 3 | | | +6 | | H 17 24 30 |
| | | $i_E$ | 30 29 | 4 | | +5 | | | |
| | | $i_N$ | 30 30 | 3 | +3 | | | | |
| | | $iPP_Z$ | 30 31 | 4 | | | +8 | | |
| | | $iPPP_Z$ | 30 46 | 3 | | | +6 | | |
| | | $iS_N$ | 33 55 | 7 | -7 | | | | |
| | | iNE | 34 10 | 6 | +14 | +5 | | | |
| | | $i_N$ | 34 47 | 6 | +8 | | | | |
| | | $i_N$ | 34 59 | 6 | +9 | | | | |
| | | $iSS_E$ | 35 09 | 7 | | +11 | | | |
| | | $i_N$ | 35 15 | 7 | -15 | | | | |
| | | $i_N$ | 35 27 | 4 | +7 | | | | |
| | | $i_N$ | 35 40 | 4 | -11 | | | | |
| | | $i(ScS)_E$ | 40 30 | 4 | | +4 | | | |
| | | $i(ScS)_N$ | 40 31 | 4 | -6 | | | | |
| 548 | 15 | $i(P)_V$ | 20 12 26 | 1 | | | + | | Compression |
| 550 | 16 | $(iP)_V$ | 10 44 57 | 1 | | | + | | Compression |
| | | $i(SS)_N$ | 49 42 | 4 | -1 | | | | |
| | | MN | 53.3 | 14 | 2 | | | | |
| 553 | 18 | $(iPKP)_V$ | 02 49 33 | 1 | | | + | | Compression |
| | | $i(PP)_Z$ | 50 02 | 3 | | | -5 | | Confused by micro |
| | | $(SKS)_E$ | 56 08 | | | | | | seisms & non-seis |
| | | $(SKS)_N$ | 56 12 | | | | | | mic disturbances. |
| | | $(PS)_Z$ | 59 33 | | | | | | |
| | | $e(SSS)_N$ | 03 09 43 | 25 | | | | | |
| | | $eLQ_E$ | 17.0 | 42 | | | | | |
| | | $eLR_E$ | 21.8 | 30 | | | | | |
| | | $eLR_{NZ}$ | 22.0 | 30 | | | | | |
| | | MZ | 27.0 | 18 | | | 5 | | |
| | | MNE | 29.4 | 20 | 3 | 4 | | | |
| 554 | 18 | $iP_Z$ | 19 30 11 | 4 | | | -2 | 60°2 | Dilatation |
| | | $i_Z$ | 30 25 | 4 | | | +3 | | H 19 19 59 |
| | | $i_Z$ | 30 37 | 4 | | | -2 | | |
| | | $i_Z$ | 30 44 | 4 | | | -4 | | |
| | | $iPcP_V$ | 30 57 | 1 | | | + | | |
| | | $iS_N$ | 38 24 | 7 | -3 | | | | |
| | | $i_N$ | 38 34 | 6 | -3 | | | | |
| | | $iScS_N$ | 40 02 | 5 | -2 | | | | |
| | | $eSS_N$ | 42 24 | 12 | | | | | |
| | | $eSSS_N$ | 44 54 | 12 | | | | | |
| | | $eLQ_N$ | 45.1 | 22 | | | | | |
| | | $eLR_Z$ | 48.2 | 25 | | | | | |
| | | MNEZ | 51.7 | 19 | 3 | 7 | 8 | | |
| 555 | 20 | $e_Z$ | 11 06 14 | | | | | | P masked by micro |
| | | $i_E$ | 06 27 | 5 | | +5 | | | seisms. |
| | | $i(PPP)_E$ | 07 02 | 5 | | +7 | | | |
| | | $i_Z$ | 07 05 | 4 | | | -4 | | |
| | | $eL_N$ | 12.1 | ? | | | | | |
| | | $eL_Z$ | 13.1 | 25 | | | | | |
| | | $eL_E$ | 13.9 | 27 | | | | | |
| | | MN | 18.0 | 13 | 37 | | | | |
| | | ME | 18.4 | 15 | | 36 | | | |
| | | MZ | 18.6 | 15 | | | 30 | | |

1956, December.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) h m s | Per. s | Amplitude $A_N$ μ | $A_E$ μ | $A_Z$ μ | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | | | | | | | |
| 557 | Dec.21 | $(i)_Z$ | 09 21 11 | | | | | | Masked by micro-seisms. |
| | | $e(PS)_E$ | 27 20 | 12 | | | | | |
| | | $e_N$ | 31 14 | | | | | | |
| | | $e(SS)_E$ | 32 53 | 15 | | | | | |
| | | $e(SS)_N$ | 33 09 | 15 | | | | | |
| | | $eLQ_N$ | 44.4 | 30 | | | | | |
| | | $eLR_Z$ | 48.8 | 30 | | | | | |
| | | MEZ | 53.0 | 22 | | 5 | 6 | | |
| | | MN | 55.7 | 19 | 5 | | | | |
| | | $eW_2Z$ | 11 05.1 | 22 | | | | | |
| 558 | 21 | $iS_N$ | 20 30 14 | 4 | +3 | | | | |
| | | $iS_E$ | 30 17 | 4 | | +3 | | | |
| | | $eL_E$ | 41.1 | 22 | | | | | |
| | | MN | 48.0 | 17 | 1 | | | | |
| 559 | 21 | $i(P)_V$ | 22 48 33 | 1 | | | + | | Compression |
| 560 | 22 | $iP_V$ | 22 43 52 | 1 | | | + | 27°2 | Compression |
| | | $isP_V$ | 43 59 | 1 | | | + | | H 22 38 05 |
| | | $iZ$ | 44 14 | 4 | | | +3 | | |
| | | $iZ$ | 41 24 | 4 | | | +4 | | |
| | | $iEZ$ | 44 31 | 4 | | +3 | -3 | | |
| | | $iPPP_E$ | 44 53 | 6 | | -7 | | | |
| | | $iS_E$ | 48 30 | 4 | | +4 | | | |
| | | $iE$ | 48 49 | 7 | | +4 | | | |
| | | $iE$ | 49 11 | 6 | | +5 | | | |
| | | $iN$ | 49 12 | 6 | +5 | | | | |
| | | $eLQ_N$ | 49.5 | 22 | | | | | |
| | | $eLR_N$ | 50.8 | 21 | | | | | |
| | | $eL_Z$ | 51.2 | 24 | | | | | |
| | | MNEZ | 53.1 | 18 | 6 | 13 | 12 | | |
| | | iScSNE | 54 41 | 5 | +4 | -10 | | | |
| 561 | 22 | $i(P)_V$ | 23 23 46 | 1½ | | | - | | Dilatation. Obscured by micros. |
| | | $eL_E$ | 43.2 | 30 | | | | | |
| 562 | 23 | $iP_{NZ}$ | 08 47 00 | 3 | -2 | | +3 | | Compression |
| | | $iV$ | 47 01 | 2 | | | - | | Dilatation |
| | | $i(sP)_V$ | 47 40 | 1½ | | | + | | |
| | | $iN$ | 56 44 | 4 | -2 | | | | |
| | | $eE$ | 09 01 28 | 11 | | | | | |
| | | $eL_E$ | 03.6 | 18 | | | | | |
| 564 | 24 | $(e)_N$ | 08 27 39 | | | | | | Confused by non-seismic waves. |
| | | $(e)_N$ | 31 34 | | | | | | |
| | | $eE$ | 31 37 | | | | | | |
| | | $eE$ | 34 58 | | | | | | |
| | | $eL_E$ | 42.6 | 22 | | | | | |
| 567 | 26 | $(iP)_V$ | 07 42 35 | 1½ | | | + | | Compression |
| | | $e(SS)_N$ | 52 13 | 9 | | | | | Masked by micro-seisms. |
| | | $i(ScS)_E$ | 52 27 | 4 | | +4 | | | |
| | | MEZ | 59.8 | 24 | | 10 | 7 | | |
| | | MN | 08 00.4 | 19 | 9 | | | | |
| 568 | 26 | $iV$ | 07 52 29 | 1½ | | | + | | Confused by preceding shock. |
| | | $iE$ | 52 42 | 6 | | +3 | | | |
| | | $e(S)_N$ | 56 53 | 8 | | | | | |
| 569 | 27 | $iP_Z$ | 00 20 01 | 3 | | | +9 | 29°2ca. | Compression |
| | | $iE$ | 20 04 | 4 | | -7 | | | h 0.02 ca., |
| | | $iEZ$ | 20 08 | 3 | | +16 | - | | H 00 14 13 ca. |
| | | $iEZ$ | 20 19 | 4 | | +10 | -14 | | |
| | | $i(pP)_Z$ | 20 32 | 4 | | | +16 | | |
| | | $iEZ$ | 20 38 | 4 | | +20 | - | | Vertical trace |
| | | $iE$ | 20 51 | 4 | | +13 | | | very faint. |
| | | $i(sP)_Z$ | 21 00 | 4 | | | - | | |
| | | $i(PPP)_E$ | 21 16 | 5 | | -40 | | | |
| | | $i(PPP)_N$ | 21 19 | 5 | +9 | | | | |
| | | $iE$ | 21 26 | 4 | | +25 | | | |
| | | $iE$ | 21 43 | 6 | | +28 | | | |
| | | $iN$ | 21 54 | 5 | +12 | | | | |
| | | $iE$ | 22 01 | 6 | | +42 | | | |
| | | $iE$ | 22 15 | 4 | | +25 | | | |
| | | $iN$ | 22 31 | 5 | +18 | | | | |
| | | $iE$ | 22 41 | 5 | | -22 | | | (Continued on next page) |

1956, December.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude AN | Amplitude AE | Amplitude AZ | Δ | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | | h m s | s | μ | μ | μ | | |
| 569 | Dec.27 | $i_E$ | 00 22 57 | 5 | | +20 | | | |
| | | $i(PcP)_E$ | 23 04 | 7 | | +55 | | | |
| | | $i_N$ | 23 31 | 5 | +28 | | | | |
| | | $i_E$ | 23 56 | 7 | | +41 | | | |
| | | $i_E$ | 24 26 | 6 | | +12 | | | |
| | | $i_E$ | 24 37 | 6 | | +28 | | | |
| | | $iS_N$ | 24 40 | 7 | +34 | | | | |
| | | $i_N$ | 24 48 | 6 | -46 | | | | |
| | | $i_N$ | 24 56 | 6 | -79 | | | | |
| | | $i_N$ | 25 07 | 5 | +22 | | | | |
| | | $i_E$ | 25 09 | 6 | | +70 | | | |
| | | $i(sS)_N$ | 25 37 | 6 | +38 | | | | |
| | | $i_E$ | 26 06 | 7 | | -32 | | | |
| | | $i(SS)_E$ | 26 23 | 7 | | -48 | | | |
| | | $i_N$ | 26 29 | 7 | +42 | | | | |
| | | $i(PcS)_E$ | 26 36 | 6 | | +38 | | | |
| | | $i(SSS)_N$ | 26 47 | 9 | -85 | | | | |
| | | $i_N$ | 27 07 | 10 | +77* | | | | *From Mainka. |
| | | $i_E$ | 27 16 | 12 | | +63* | | | |
| | | $L_N$ | 27.4 | 24 | | | | | |
| | | $i_N$ | 27 40 | 11 | +88* | | | | |
| | | $iMN$ | 28 39 | 9 | -73* | | | | |
| | | ME | 29.8 | 19 | | 94 | | | |
| | | MZ | 30.0 | 15 | | | 64 | | |
| | | MN | 30.2 | 12 | 170* | | | | |
| | | $i(ScS)_E$ | 30 29 | 6 | | +87 | | | |
| | | $i_E$ | 31 00 | 9 | | +135 | | | |
| 571 | 27 | $(iP)_N$ | 21 40 02 | 2 | +1 | | | | |
| | | $e(S)_N$ | 47 10 | 10 | | | | | |
| | | $eSS_E$ | 50 37 | 15 | | | | | |
| | | MNE | 58.7 | 15 | 1 | 1 | | | |
| 573 | 28 | $eS_N$ | 13 56 09 | | | | | | |
| | | $eSS_N$ | 59 40 | | | | | | |
| 574 | 28 | $iP_Z$ | 14 29 28 | 4 | | | +4 | (23:3) | Compression Surface focus. |
| | | $i_E$ | 29 30 | 4 | | +6 | | | |
| | | $i_N$ | 29 31 | 4 | -3 | | | | |
| | | $i_Z$ | 29 32 | 4 | | | +12 | | |
| | | $i(PPP)_{NEZ}$ | 30 08 | 4 | +10 | -16 | +23 | | |
| | | $i_Z$ | 33 08 | 4 | | | +16 | | |
| | | $i(S)_N$ | 33 37 | 5 | +8 | | | | |
| | | $e_E$ | 33 51 | | | | | | |
| | | $i_N$ | 33 54 | 6 | -18 | | | | |
| | | $i_E$ | 34 19 | 6 | | +26 | | | |
| | | $i_Z$ | 34 20 | 6 | | | -14 | | |
| | | $i(SS)_N$ | 34 23 | 9 | +28 | | | | |
| | | $i_N$ | 34 33 | 9 | -54 | | | | |
| | | $i_E$ | 34 42 | 7 | | +42 | | | |
| | | $i_E$ | 34 57 | 7 | | +25 | | | |
| | | $i_N$ | 35 03 | 7 | +46 | | | | |
| | | $i_N$ | 35 13 | 7 | -50 | | | | |
| | | $eLR_E$ | 35.4 | 22 | | | | | |
| | | $i_N$ | 35 32 | 8 | -44 | | | | |
| | | MZ | 37.6 | 16 | | | 49 | | |
| | | MNE | 38.2 | 14 | 210ca | 105 | | | |
| 575 | 28 | $(iP)_V$ | 21 18 54 | 1 | | | + | | Compression Masked by micro-seisms. |
| | | $e(S)_N$ | 24 29 | | | | | | |
| | | $e_E$ | 24 31 | | | | | | |
| | | $e_N$ | 27 15 | 13 | | | | | |
| | | $eL_N$ | 28.0 | 18 | | | | | |
| | | MN | 30.6 | 14 | 1 | | | | |
| | | ME | 33.8 | 16 | | 2 | | | |

1956, December.
RIVERVIEW COLLEGE OBSERVATORY.
SEISMOLOGICAL BULLETIN.

| No. | Date | Phase | Time (G.M.T.) | Per. | Amplitude | | | Δ | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | $A_N$ | $A_E$ | $A_Z$ | | |
| | 1956 | | h m s | s | μ | μ | μ | | |
| 579 | Dec.29 | $i_E$ | 20 29 39 | 4 | | -2 | | | P obscured by microseisms. |
| | | $i(PP)_E$ | 29 51 | 4 | | -2 | | | |
| | | $i_Z$ | 29 59 | 3 | | | +4 | | |
| | | $i_E$ | 30 01 | 5 | | -4 | | | |
| | | $i(PPP)_E$ | 30 06 | 4 | | +4 | | | |
| | | $iS_N$ | 33 52 | 5 | -3 | | | | |
| | | $i_N$ | 33 58 | 6 | +5 | | | | |
| | | $i_E$ | 34 00 | 5 | | +5 | | | |
| | | $eLQ_N$ | 35.7 | 26 | | | | | |
| | | $(SSS)_N$ | 36 09 | 12 | | | | | |
| | | $eL_N$ | 36.7 | 20 | | | | | |
| | | $eL_Z$ | 37.6 | 25 | | | | | |
| | | $MN$ | 40.2 | 13 | 17 | | | | |
| | | $MZ$ | 41.0 | 18 | | | 18 | | |
| | | $ME$ | 41.2 | 16 | | 20 | | | |
| | | $i_E$ | 56 18 | 6 | | +10 | | | |
| 582 | 31 | $i(S)_N$ | 04 29 01 | 5 | +3 | | | | |
| | | $i_E$ | 29 13 | 5 | | -3 | | | |
| | | $eL_E$ | 31.0 | 22 | | | | | |
| | | $MN$ | 34.7 | 13 | 1 | | | | |

Minor Activity: 2d 03.dh; 6d 02.0h; 7d 20.9h; 8d 06.1h; 14d 17.6h, 18.3h; 15d 07.1h; 16d 02.7h, 12.5h, 22.3h; 20d 21.7h; 23d 17.9h; 25d 04.8h, 13.8h; 27d 14.5h; 28d 02.8h; 29d 03.8h, 07.0h, 20.2h; 30d 05.4h; 31d 03.6h.

T.N.BURKE-GAFFNEY, S.J.
Director.

P.F.RHEINBERGER.