Oct, Nov, Dec, Copies to H/S

SEISMOLOGICAL BULLETIN. OCTOBER, 1957.

MAGNETIC OBSERVATORY, HERMANUS.

LOCATION.

Lat. 34°25'.5 S., Long. 19°13'.5 E.

85 feet above mean sea-level; 700 yards from coast.

INSTRUMENTS.

Two Milne-Shaw seismographs recording N-S and E-W horizontal ground movements. Nominal magnification 250; damping ratio 20:1; recording speed 8mm/min. Free periods: E-W, 12 secs; N-S, 10 secs.

The time is recorded in the form of a 2-3 sec. break in the record every minute excepting on the hour and half-hour. The clock correction is determined daily to an accuracy of 0.2 sec.

Date 1957.	Phase.	G.M.T. h m s	Epicentre and time of shock.	Δ meas.	Remarks.
Oct. 2	eL F	20 52 01 21 00 ca.			Disturbed by microseisms.
Oct. 4	i i	05 45 41 05 50 04			Disturbed by microseisms.
Oct. 5	e F	12 13 14 12 30 ca.	USCGS: 34½°N, 26½°E (Near Isle of Crete). H = 12h 36m 46s.	68½°	Very weak.
Oct. 12	e F	17 02 14 17 10 ca.			Traces.
Oct. 13	e(SKKS) F	21 10.9 21 24 ca.	USCGS: 60°S, 151°E (Antartic Ocean). H = 20h 33m 01s.	78°	Weak.
Oct. 19	e(SS) F	19 03.7 20 28 ca.	USCGS: 23½°N, 122°E (E.coast of Formosa) H = 18h 28m 50s.	113½°	Weak.
Oct. 20	iS i(PPS) e(SS) eL F	12 25 33 12 26 13 12 30 37 12 38.8 13 36 ca.	USCGS: 11½°N, 42°W (Atlantic Ocean). H = 12h 04m 22s.	74°	
Oct. 23	e F	07 26 .. 08 00 ca.			Traces.
Oct. 24	e F	01 21 .. 01 50 ca.			Traces.
Oct. 24	eL F	20 44 .. 21 26 ca.	USCGS: 29°S, 69°W (Argentina). H = 20h 07m 17s.	73°	Very weak.
Oct. 25	e F	11 24.1 12 ca.	USCGS: 50½°N, 156½°E (S.coast of Kamchatka) H = 10h 03m 32s.	145°	Very weak.

SEISMOLOGICAL BULLETIN. NOVEMBER 1957.

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Lat. 34°25.5' S., Long. 19°13.5' E.

85 feet above mean sea-level, 700 yards from coast.

INSTRUMENTS.

Two Milne-Shaw seismographs, recording N-S and E-W horizontal ground movements. Nominal magnification 250; damping ratio 20:1; recording speed 8mm/min. Free periods: E-W, 12 secs; N-S 10 secs.

The time is recorded in the form of a 2-3 sec. break in the record every minute excepting on the hour and half-hour. The clock correction is determined daily to an accuracy of 0.2 sec.

Date 1957.	Phase	G.M.T. h m s	Epicentre and time of shock.	Δ_{meas}	Remarks
Nov. 2	e F	19 31 20 10			Very weak.
Nov. 7	e F	07 05 07 15			Traces.
Nov. 10	i SKS i PPS e PKKS e(PKPPKP) eL F	03 02 22 08 08 09 20 14 11 03 39 05 07	USCGS: 7°S, 155½°E (Solomon Isl.) H = 02h 36m 21s	122°	Weak phases
Nov. 10	e F	06 25 07 12			Very weak.
Nov. 10	e F	11 13 11 19			Traces.
Nov. 10	e F	20 30 21 05			Traces.
Nov. 13	e (PS) e SS F	17 51(21) 57 29 20 09	USCGS: 33°S, 179°W (Kermadec Isl. region) H = 17h 22m 41s.	111°	Weak.
Nov. 14	eL F	22 55.0 22 58			Weak.
Nov. 15	e F	17 54 18 00			Traces.
Nov. 17	e F	16 02 17 06			Very weak.

SEISMOLOGICAL BULLETIN. DECEMBER 1957.

MAGNETIC OBSERVATORY, HERMANUS.

LOCATION.

Lat. 34°25'.5 S., Long. 19°13'.5 E.

85 feet above mean sea-level, 700 yards from coast.

INSTRUMENTS.

Two Milne-Shaw seismographs, recording N-S and E-W horizontal ground movements. Nominal magnification 250; damping ratio 20:1; recording speed 8mm/min. Free periods: E-W, 12 secs; N-S 10 secs.

The time is recorded in the form of a 2-3 sec. break in the record every minute excepting on the hour and half-hour. The clock correction is determined daily to an accuracy of 0.2 sec.

Date 1957	Phase	G.M.T. h m s	Epicentre and time of shock.	Δ_{meas}	Remarks
Dec. 1 X	e F	14 02 15 00			Traces.
Dec. 4 √ ✓	e P e e PP e PPP i i F	03 52 24 55 27 56 45 59 12 04 03 08 06 08 08 53	USCGS: 45½°N, 99½°E (Outer Mongolia) H = 03h 37m 45s	107½°	at 04h 46m T=15 secs; A_N = 88 mm A_E = 140 mm
Dec. 5 X	e F	14 34 14 46			Traces.
Dec. 10 √ ✓	e PP i SKS_2 e PS e SS F	14 56 34 15 02 02 15 06 15 15 13 20 17 50	USCGS: 6°S, 154½°E (Solomon Isl.) H = 14h 35m 57s	122°	
Dec. 13 √ ✓	i P i S e PS i PPS e L F	01 56 41 02 06 11 06 45 06 54 15 03 04 00	USCGS: 34½°N, 48°E (Iran) H = 01h 44m 59s	73½°	
Dec. 16 X	e F	23 44 23 59			Traces.
Dec. 17 X	e F	05 30 37 08 14	USCGS: 43½°N, 162°E (Near Kamchatha) H = 05h 10m 11s	150°	Weak.

Date 1957	Phase	G.M.T. h m s	Epicentre and time of shock	Δ_{meas}	Remarks.
Dec. 17	e P i PKP i PP i i e e F	14 05 42 09 09 10 54 11 10 12 25 18 31 20 52 17 39	USCGS: 12°S, 167°E (Santa Cruz Isl.) H = 13h 50m 05s	125°	
Dec. 18	i e e F	20 58 35 59 31 21 01 44 21 31	USCGS gives H = 20h 44m 58s (Sandwich Isl.)		Very weak.
Dec. 20	e F	11 40 03 12 32	USCGS: 30½°S, 71°W (Central Chili) H = 11h 18m 42s	73½°	
Dec. 23	e (S_cS) e PS F	12 57 27 58 20 13 45 ca	USCGS: 35°N, 36½°W (Atlantic Ocean) H = 12h 34m 03s	86°	
Dec. 25	e SKS F	16 49 28 17 47	USCGS: 10½°N, 62½°W (Venezuela)	88½°	Weak.
Dec. 28	e P i S e ? F	14 48(22) 58 03 15 02 21 16 24	USCGS: 18°S, 64½°W (Bolivia) H = 14h 36m 40s	74½°	
Dec. 31	e F	14 54 16 00 ca			Very weak.
Dec. 31	e F	21 40 21 44			Traces.