

GOVERNMENT OF INDIA  
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1934

ANNUAL SUMMARY

PART D.

SEISMIC RECORDS.

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Published by Authority of the Government of India

UNDER THE DIRECTION OF

C. W. B. NORMAND, M.A., D.Sc.,

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LIBRARY

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### PART D.

### SEISMIC RECORDS.

#### STATION—AGRA.

Lat. 27° 8' 15" N. Long. 78° 0' 45" E.

Height above m. s. l. 163 metres. Sub-soil:—Indo-Gangetic Alluvium.

Instruments: (1) Milne-Shaw Seismograph, (magnetic damping), East-west-component (E) erected in underground room.

(2) Omori-Ewing Horizontal Pendulum Seismograph, North-south-component (N) erected in underground room.

#### INSTRUMENTAL CONSTANTS.

	Component	Steady mass (Kg.)	T	Vm	E	S (m. m.)	Paper speed m. m./min.	Remarks.
1	E	0.47	12	640	20.1	111	8	From 1-1-34 to 15-2-34.
		"	"	250	"	43.5	"	From 16-2-1934 to 31-12-1934.
2	N	45	29.5	28	1	...	12	From 1-1-1934 to 15-1-1934
		"	18.0	"	"	...	"	From 16-1-1934 to 17-1-1934.
		"	23.0	"	"	...	"	From 18-1-1934 to 19-3-1934.
		"	32.5	29	"	...	"	From 20-3-1934 to 31-12-1934.

TABLE D1.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude (μ).		△ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude (μ).		△ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
Jan. 1 .	AE								eS	21 03 08	...	...	...		
	eP	06 26 06	...	...	...	5790	Moderate shock.		F	21 51 01	...	...	...		
	iS	06 33 35	...	...	...	...		Jan. 3	AE						
	PS	06 34 11	...	...	...	...			iP	09 52 21	...	...	...	6220	Moderate shock.
	SR <sub>1</sub>	06 38 22	...	...	...	...			PR <sub>2</sub>	09 55 30	...	...	...	...	
	eL	06 42 37	...	...	...	...			S	10 00 16	...	...	...	...	
	Mn	06 52 09	20	...	7	...			PS	10 00 50	...	...	...	...	
	F	07 23 15	...	...	...	...			SR <sub>1</sub>	10 04 12	...	...	...	...	
Jan. 1 .	AE								SR <sub>2</sub>	10 06 05	...	...	...	...	
	e	22 00 17	...	...	...	...	Slight shock.		F	11 43 21	...	...	...	...	
	Mn	22 09 53	11	...	2	...		Jan. 3	AN						
	F	22 30 25	...	...	...	...			P	09 52 21	...	...	...	6220	Do.
Jan. 2 .	AE								iS	10 00 16	...	...	...	...	
	P	20 59 54	...	...	...	1910	Do.		F	10 49 09	...	...	...	...	
	S	21 03 12	...	...	...	...		Jan. 10	AE						
	F	22 38 53	...	...	...	...			i	18 32 27	...	...	...	...	Feeble shock.
Jan. 2 .	AN								F	18 40 42	...	...	...	...	
	e	20 59 50	...	...	...	...	Do.								

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.	AE	H. M. S.						1934.	AE	H. M. S.					
Jan. 11	AE							Jan. 15	e	16 14 41	...	...	...	...	Apparently after-shock of the Great Bihar Earthquake.
	eP	10 33 49	...	...	...	8555	Slight shock. Beginning uncertain.		F	16 17 15	...	...	...	...	
	iS	10 43 41	...	...	...	...		Jan. 15	e	16 20 17	...	...	...	...	Do.
	PS	10 44 18	...	...	...	...			F	16 22 15	...	...	...	...	
	SR.	10 48 47	...	...	...	...		Jan. 15	e	17 22 17	...	...	...	...	Do.
	F	11 43 41	...	...	...	...			F	17 26 57	...	...	...	...	
Jan. 12	AE							Jan. 15	P	18 04 21	...	...	...	...	Do.
	P	13 36 50	...	...	...	2420	Slight shock.		S	18 06 00	...	...	...	...	
	S	13 40 51	...	...	...	...		Jan. 15	e	19 49 25	...	...	...	...	Do.
	eF	14 45 15	...	...	...	...			F	19 59 05	...	...	...	...	
Jan. 12	AN							Jan. 15	iS	20 27 35	...	...	...	...	Do.
	eP	13 36 55	...	...	...	2420	Do.		S	20 28 25	...	...	...	...	
	S	13 40 55	...	...	...	...		Jan. 15	P	20 31 29	...	...	...	...	Do.
	F	14 13 34	...	...	...	...			iS	20 33 13	...	...	...	...	
Jan. 14	AE							Jan. 15	F	20 40 05	...	...	...	...	
	e	03 51 05	...	...	...	...		Jan. 15	iP	21 08 51	...	...	...	...	Do.
Jan. 14	AE								S	21 09 39	...	...	...	...	
	i	18 59 04	...	...	...	...		Jan. 15	iS	21 34 49	...	...	...	...	Do.
Jan. 14	AE								S	21 35 44	...	...	...	...	
	e	22 34 10	...	...	...	...	Probably foreshock of the Great Bihar Earthquake.	Jan. 15	F	21 40 34	...	...	...	...	
	i	22 34 51	...	...	...	...									
Jan. 15	AE							Jan. 15	i	22 23 15	...	...	...	...	Do.
	i	08 45 10	...	...	...	...	The Great Bihar Shock.		S	22 24 30	...	...	...	...	
Jan. 15	AN								F	22 26 23	...	...	...	...	
	e	08 45 10	...	...	...	...	Do.	Jan. 15	e	23 26 15	...	...	...	...	Do.
	i	08 46 10	...	...	...	...			F	23 29 11	...	...	...	...	
Jan. 15	AE							Jan. 16	AE						
	e	14 22 47	...	...	...	...	Apparently after-shock of the Great Bihar Earthquake.		e	00 27 13	...	...	...	...	Do.
	F	14 29 59	...	...	...	...			i	00 27 59	...	...	...	...	
Jan. 15	e	14 54 34	...	...	...	...	Do.		F	00 29 33	...	...	...	...	
	P	14 54 58	...	...	...	...		Jan. 16	e	02 00 42	...	...	...	...	Do.
	iS	14 55 43	...	...	...	...			F	02 03 49	...	...	...	...	
	iS	14 56 42	...	...	...	...		Jan. 16	e	03 00 50	...	...	...	...	Do.
Jan. 15	P	15 03 27	...	...	...	...	Do.		S	03 02 01	...	...	...	...	
	iS	15 04 57	...	...	...	...			i	03 02 57	...	...	...	...	
	S	15 05 57	...	...	...	...			F	03 06 10	...	...	...	...	
Jan. 15	AE							Jan. 16	S	03 19 38	...	...	...	...	Do.
	S	15 21 17	...	...	...	...	Do.		S	03 20 29	...	...	...	...	
	S	15 22 11	...	...	...	...			F	03 23 01	...	...	...	...	
	F	15 24 15	...	...	...	...		Jan. 16	i	04 54 55	...	...	...	...	Do.
Jan. 15	e	15 27 41	...	...	...	...	Do.								
	F	15 31 15	...	...	...	...		Jan. 16	AE						
Jan. 15	P	15 47 51	...	...	...	...	Do.		i	05 00 55	...	...	...	...	After-shock of slight intensity of the Great Bihar Earthquake.
	S	15 49 37	...	...	...	...		Jan. 16	AN						
	F	15 54 41	...	...	...	...			e	05 01 05	...	...	...	...	Do.

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934. Jan. 16	AN	H. M. S.						1934.		H. M. S.					
	P	05 01 35	...	...	...	...		Jan. 19	eS	12 40 29	...	...	...	...	
	iS	05 02 15	...	...	...	...		Jan. 19	AE						
	S	05 02 41	...	...	...	...			i	18 51 37	...	...	...	...	Aftershock of slight intensity of the Great Bihar Earthquake.
	S	05 03 03	...	...	...	...			F	19 23 59	...	...	...	...	
	Mn	05 03 23?	...	...	...	...		Jan. 19	AN						
	F	05 18 19	...	...	...	...			eP	18 51 41	...	...	...	...	Do.
Jan. 16	AE								eP	18 52 26	...	...	...	...	
	P	18 48 29	...	...	...	5400	Slight shock.		iS	18 53 01	...	...	...	...	
	PR <sub>1</sub>	18 50 19	...	...	...	...			S?	18 53 56	...	...	...	...	
	PR <sub>2</sub>	18 51 09	...	...	...	...			M	18 54 24?	...	...	...	...	
	iS	18 55 36	...	...	...	...		Jan. 20	AE						
	PS	18 56 15	...	...	...	...			P	18 02 05	...	...	...	3090	Moderate shock.
	L?	19 03 09	...	...	...	...			iS	18 06 55	...	...	...	...	
	F	19 45 02	...	...	...	...			F	19 25 18	...	...	...	...	
Jan. 16	AE							Jan. 20	AN						
	e	23 22 48	...	...	...	...	Feeble shock.		e	18 04 22	...	...	...	...	Do.
	F	23 30 01	...	...	...	...			F	18 30 51	...	...	...	...	
Jan. 17	e	06 33 28	...	...	...	...	Apparently after shock of the Great Bihar Earthquake.	Jan. 20	AE						
	S	06 34 29	...	...	...	...			e	22 49 13	...	...	...	...	Slight shock.
	iS	06 35 16	...	...	...	...			M	23 16 22	...	...	...	...	
	F	06 37 41	...	...	...	...			F	23 46 16	...	...	...	...	
Jan. 17	AE							Jan. 21	AE						
	S	07 05 01	...	...	...	...	Do.		e	06 53 01	...	...	...	780	Beginning uncertain Slight shock.
	S	07 05 51	...	...	...	...			P	06 53 40	...	...	...	...	
	F	07 08 29	...	...	...	...			S	06 54 22	...	...	...	...	
Jan. 17	AE							Jan. 21	S	06 55 11	...	...	...	...	
	P	18 37 19	...	...	...	...	Do.		S	06 55 11	...	...	...	...	
	S	18 38 04	...	...	...	...		Jan. 21	AN						
	S	18 38 55	...	...	...	...			e	06 53 46	...	...	...	...	Do.
	F	18 41 26	...	...	...	...		Jan. 21	AE						
Jan. 17	AE								e	07 09 01	...	...	...	...	Do.
	e	19 30 17	...	...	...	...	Slight shock	Jan. 21	AE						
	M	19 33 34	...	...	...	...		Jan. 21	e	19 51 30	...	...	...	...	Do.
	Mn	19 34 44?	6	...	1	...			F	20 06 13	...	...	...	...	
	F	19 42 19	...	...	...	...		Jan. 22	AE						
Jan. 17	AE								i	08 13 15	...	...	...	...	Do.
	e	20 47 19	...	...	...	...	Feeble shock.	Jan. 23	F	08 33 29	...	...	...	...	
	F	20 50 27	...	...	...	...			AE						
Jan. 18	AE								e	05 26 52	...	...	...	...	Feeble shock.
	e	15 52 49	...	...	...	...	Do.	Jan. 25	F	05 31 05	...	...	...	...	
	F	16 04 42	...	...	...	...			AE						
Jan. 19	AE							Jan. 25	i	12 40 09	...	...	...	...	Slight shock.
	iP	12 37 19	...	...	...	1865	Slight shock.		F	12 52 01	...	...	...	...	
	S	12 40 33	...	...	...	...		Jan. 26	AE						
	F	13 22 53	...	...	...	...			e	00 00 53	...	...	...	...	Feeble shock.
Jan. 19	AN														
	eP	12 37 19	...	...	...	1865	Do.								

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
Jan. 26	AE i	00 01 51	...	...	...	...		Feb. 2	AE						
	i	00 02 53	...	...	...	...			L	15 35 09	...	...	...	...	
	F	00 08 22	...	...	...	...			F	16 31 33	...	...	...	...	
Jan. 28	AE							Feb. 3	AE						
	i	06 43 01	...	...	...	...	Feeble shock.		P	14 45 08	...	...	...	8345	Slight shock.
	F	06 51 03	...	...	...	...			PR <sub>1</sub>	14 47 06	...	...	...	...	
Jan. 28	AE						Do.		S	14 54 52	...	...	...	...	
	S	15 54 32	...	...	...	...			PS	14 55 30	...	...	...	...	
	S̄	15 55 32	...	...	...	...			SR <sub>1</sub>	15 00 01	...	...	...	...	
	F	15 58 01	...	...	...	...			eL	15 09 51	...	...	...	...	
Jan. 28	AE						Moderate shock.		M	15 15 43	...	...	...	...	
	P'	19 28 58	...	...	...	15550			Mn	15 18 19	22	...	6	...	
	ScPcP	19 32 19	...	...	...	...		Feb. 4	AN						
	ScPcS	19 36 05	...	...	...	...			e	12 52 30	...	...	...	...	Apparently after-shock of Great Bihar Earthquake.
	PPS	19 44 18	...	...	...	...			F	13 13 22	...	...	...	...	
	SR <sub>1</sub>	19 50 01	...	...	...	...		Feb. 4	AN						
	Mn	20 25 04	27	...	42	...			P	13 32 22	...	...	...	2590	Moderate shock.
	F	21 55 27	...	...	...	...			S	13 36 35	...	...	...	...	
Jan. 28	AN								F	14 39 41	...	...	...	...	
	e	19 32 05	...	...	...	...		Feb. 7	AE						
	F	20 53 03	...	...	...	...			e	16 14 17	...	...	...	...	Slight shock.
Jan. 29	AE						Feeble shock.		S	16 18 30	...	...	...	...	
	e	00 06 07	...	...	...	...			Mn	16 25 29	10	...	1	...	
	S	00 06 57	...	...	...	...			F	16 38 43	...	...	...	...	
Jan. 29	AE							Feb. 8	AE						
	iS	00 07 59	...	...	...	...			e	14 41 52	...	...	...	...	Apparently after-shock of the Great Bihar Earthquake.
	F	00 10 26	...	...	...	...			P̄	14 42 17	...	...	...	...	
Jan. 29	AE						Slight shock.		S	14 43 07	...	...	...	...	
	i	12 52 11	...	...	...	...			S̄	14 44 02	...	...	...	...	
	F	13 31 46	...	...	...	...			F	14 51 42	...	...	...	...	
Jan. 30	AE						Do.	Feb. 9	AE						
	e	20 46 23	...	...	...	...			e	06 23 34	...	...	...	...	Slight shock.
	F	22 18 03	...	...	...	...		Feb. 9	AE						
Feb. 1	AE						Feeble shock.		cP	09 40 45	...	...	...	8320	Do.
	e	11 53 20	...	...	...	...			PR <sub>1</sub>	09 43 30	...	...	...	...	
	i	11 53 32	...	...	...	...			PR <sub>2</sub>	09 45 00	...	...	...	...	
	F	11 56 12	...	...	...	...			S	09 50 26	...	...	...	...	
Feb. 2	AE						Apparently after-shock of Great Bihar Earthquake.		PS	09 51 05	...	...	...	...	
	S	12 20 09	...	...	...	...			SR <sub>1</sub>	09 55 29	...	...	...	...	
	S̄	12 21 01	...	...	...	...			cL	10 04 55	...	...	...	...	
	F	12 22 36	...	...	...	...			F	11 15 34	...	...	...	...	
Feb. 2	AE						Slight shock.	Feb. 9	AE						
	P	15 15 44	...	...	...	6790			e	11 39 55	...	...	...	...	Do.
	S	15 24 10	...	...	...	...			F	12 57 29	...	...	...	...	
	PS	15 24 39	...	...	...	...		Feb. 9	AE						
	SR <sub>1</sub>	15 28 20	...	...	...	...			e	22 48 53	...	...	...	...	Slight shock.
	SR <sub>2</sub>	15 30 30	...	...	...	...			F	23 19 28	...	...	...	...	





TABLE D1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.							H. M. S.						
Feb. 17	AE							Feb. 27	AE						
	S	02 53 59	...	...	...	...			e	21 41 33	...	...	...	...	Slight shock.
	S*	02 54 27	...	...	...	...			i	21 51 19	...	...	...	...	
	S̄	02 54 52	...	...	...	...			F	22 28 35	...	...	...	...	
	F	03 02 30	...	...	...	...		Feb. 28	AE						
Feb. 17	AN								eP	14 33 20	...	...	...	9280	Moderate shock.
	e	02 54 07	...	...	...	...	Apparently after-shock of the Great Bihar Earthquake.		PR <sub>1</sub>	14 36 30	...	...	...	...	
		02 54 52	...	...	...	...			PR <sub>2</sub>	14 38 15	...	...	...	...	
	F	02 58 37	...	...	...	...			iS	14 43 43	...	...	...	...	
Feb. 17	AE								PS	14 44 22	...	...	...	...	
	e	21 11 57	...	...	...	...	Feeble shock.		SR <sub>1</sub>	14 49 06	...	...	...	...	
	F	22 02 57	...	...	...	...			SR <sub>2</sub>	14 52 27	...	...	...	...	
Feb. 18	AE								L	15 00 15	...	...	...	...	
	e	13 03 51	...	...	...	...	Slight shock.		M	15 06 48	...	...	...	...	
	S?	13 04 27	...	...	...	...		Feb. 28	AE						
	S̄?	13 05 27	...	...	...	...			e	22 28 05	...	...	...	...	Slight shock.
	F	13 13 23	...	...	...	...			F	23 18 16	...	...	...	...	
Feb. 18	AN							Mar. 3	AE						
	e	13 04 00	...	...	...	...	Do.		e	16 15 45	...	...	...	...	Do.
	S?	13 05 27	...	...	...	...			F	16 52 07	...	...	...	...	
	F	13 09 03	...	...	...	...		Mar. 4	AE						
Feb. 19	AE								e	06 12 19	...	...	...	...	Do.
	P	10 31 51	...	...	...	3945	Do.		i	06 18 47	...	...	...	...	
	PR <sub>2</sub>	10 33 23	...	...	...	...			F	07 37 27	...	...	...	...	
	S	10 37 35	...	...	...	...		Mar. 4	AE						
	SR <sub>2</sub>	10 40 03	...	...	...	...			i	11 36 55	...	...	...	...	Do.
	Mn	10 51 29	14	...	11	...			Mn	11 55 14	20	...	16	...	
	F	12 33 30	...	...	...	...			F	12 43 47	...	...	...	...	
Feb. 20	AE							Mar. 5	AE						
	e	04 33 25	...	...	...	...			e?	12 00 41	...	...	...	12235	Shock of great intensity.
	F	05 27 56	...	...	...	...			PR <sub>2</sub>	12 07 27	...	...	...	...	
Feb. 20	AE								ScPcs	12 11 01	...	...	...	...	
	e	20 11 34	...	...	...	...	Very feeble shock.		ScPePcs	12 11 57	...	...	...	...	
Feb. 20	F	20 33 52	...	...	...	...			S	12 12 41	...	...	...	...	
Feb. 21	AE								PS	12 14 17	...	...	...	...	
	e	11 45 34	...	...	...	...	Do.		iPPS	12 15 17	...	...	...	...	
	F	12 26 35	...	...	...	...			SR <sub>1</sub>	12 20 33	...	...	...	...	
Feb. 22	AE								L	12 38 15	...	...	...	...	
	e	08 12 13?	...	...	...	...	Slight shock.		Mn	12 52 37?	...	...	...	...	
	S	08 18 19?	...	...	...	...			F	16 35 30	...	...	...	...	
	SR <sub>1</sub>	08 20 58?	...	...	...	...		Mar. 5	AN						
	SR <sub>2</sub>	08 21 44?	...	...	...	...			e	12 11 14	...	...	...	...	Do.
	L	08 24 05?	...	...	...	...			Mn	12 51 23	22	865	...	...	
Feb. 26	AE							Mar. 6	AE						
	e	14 51 21	...	...	...	...			i	15 02 33	...	...	...	...	Slight shock.
	F	15 35 43	...	...	...	...			F	15 56 17	...	...	...	...	

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
Mar. 7	AE e	23 25 44	...	...	...	...	Slight shock.	Mar. 24	AE F	16 23 37	...	...	...	...	
Mar. 8	F	00 46 03	...	...	...	...		Mar. 25	AE e	12 45 15	...	...	...	...	Slight shock.
Mar. 9	AE i F	14 21 07 15 14 27	...	...	...	...	Do.		i F	12 46 40 13 01 43	...	...	...	...	
Mar. 11	AE e iS? F	19 14 07 19 17 42 19 44 11	...	...	...	...	Do.	Mar. 27	AE e F	10 56 07 11 01 03	...	...	...	...	Tremors.
Mar. 12	AE i M Mn F	15 32 27 16 06 05 16 08 15 17 26 47	...	...	...	...	Distant moderate shock.	Apr. 2	AE e F	05 06 58 05 48 46	...	...	...	...	Slight shock.
Mar. 12	AE e F	19 19 35 19 47 47	...	...	...	...	Aftershock of slight intensity.	Apr. 3	AE e F	08 49 38 09 42 06	...	...	...	...	Do.
Mar. 13	AE eP PR <sub>1</sub> PR <sub>2</sub> eScPcS ScPcPcS S PS PPS SR <sub>2</sub> F	13 25 03 13 28 45 13 31 07 13 35 21 13 35 57 13 36 19 13 37 17 13 37 55 13 46 35 16 32 07	...	...	...	...	Distant moderate shock.	Apr. 3	AE P	22 41 34	...	...	...	6000	Slight shock.
Mar. 15	AE e F	11 15 45 12 16 25	...	...	...	...	Slight shock.	Apr. 3	AE S PS SR <sub>1</sub> SR <sub>2</sub> F	22 49 14 22 49 46 22 52 43 22 54 22 23 25 41	...	...	...	...	
Mar. 16	AE i	14 25 02	...	...	...	...	Do.	Apr. 3	AE e F	23 00 26 23 05 48	...	...	...	...	Feeble shock.
Mar. 24	AE eP PR <sub>1</sub> ePR <sub>2</sub> iScPcS ScPcPcS S PS ePPS SR <sub>1</sub> SR <sub>2</sub> cL Mn	12 17 17 12 21 07 12 23 11 12 27 41 12 28 11 12 28 31 12 29 35 12 30 21 12 34 51 12 38 40 12 49 12 12 58 25	...	...	...	10555	Distant moderate shock.	Apr. 4	AE e F	21 00 29 21 06 52	...	...	...	...	Do.
								Apr. 5	AE e F	10 42 00 10 44 36 11 06 07	...	...	...	...	Slight shock.
								Apr. 5	AE e F	11 20 44 11 29 20	...	...	...	...	Feeble shock.
								Apr. 6	AE e iS PS SR <sub>1</sub> ? Mn F	19 18 50 19 26 18 19 26 40 19 29 52? 19 43 47 20 17 56	...	...	...	5780	Slight shock.

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TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.	AN	H. M. S.						1934.		H. M. S.					
Apr. 8	AE							Apr. 12	AE						
	e	20 54 14	...	...	...	...	Slight shock. Apparently an after-shock of the Great Bihar Earthquake.		P	09 14 35	...	...	...	2045	Moderate shock.
	e	20 55 07	...	...	...	...			PR <sub>1</sub>	09 14 56	...	...	...	...	
	i	20 55 55	...	...	...	...			S	09 18 04	...	...	...	...	
	F	21 03 04	...	...	...	...			SR <sub>1</sub>	09 18 45	...	...	...	...	
Apr. 8	AN						Do.		Mn	09 23 19	12	...	15	...	
	e	20 55 35	...	...	...	...			F	10 10 35	...	...	...	...	
Apr. 8	F	20 57 36	...	...	...	...		Apr. 12	AN						
	e	15 56 25	...	...	...	...	Distant slight shock.		e	09 17 53	...	...	...	...	Do.
	F	17 48 23	...	...	...	...			F	09 52 48	...	...	...	...	
Apr. 9	AE							Apr. 13	AE						
	iP	10 31 52	...	...	...	5420	Moderate shock.		e	19 53 28	...	...	...	...	Tremors.
	PR <sub>1</sub>	10 33 45	...	...	...	...			F	20 10 07	...	...	...	...	
	PR <sub>2</sub>	10 34 29	...	...	...	...		Apr. 13	AE						
	S	10 39 01	...	...	...	...			P	23 05 55	...	...	...	...	Slight shock. Apparently an after-shock of the Great Bihar Earthquake.
	PS	10 39 39	...	...	...	...			S	23 06 42	...	...	...	...	
	SR	10 42 34	...	...	...	...			S	23 07 34	...	...	...	...	
	eL	10 47 23	...	...	...	...			F	23 13 56	...	...	...	...	
	Mn	10 55 27	17	...	30	...		Apr. 14	AE						
	F	12 13 38	...	...	...	...			i	01 31 55	...	...	...	...	Slight shock, near
Apr. 9	AN						Do.	Apr. 14	AN						
	e	10 31 37	...	...	...	...			e	01 32 07	...	...	...	...	Do.
	Mn	10 55 05	17	26	...	...			F	01 39 29	...	...	...	...	
	F	12 06 08	...	...	...	...		Apr. 15	AE						
Apr. 11	AE						Feeble shock.		e	10 42 31	...	...	...	...	Slight shock.
	e	10 11 35	...	...	...	...			F	11 29 15	...	...	...	...	
	F	10 22 46	...	...	...	...		Apr. 15	AE						
Apr. 11	AE						Slight shock.		P	22 24 12	...	...	...	5445	Shock of great intensity
	E	21 25 56	...	...	...	10780			PR <sub>1</sub>	22 26 07	...	...	...	...	
	PR <sub>1</sub>	21 29 33	...	...	...	...			PR <sub>2</sub>	22 27 02	...	...	...	...	
	PR <sub>2</sub>	21 31 29	...	...	...	...			S	22 31 21	...	...	...	...	
	ScPcS	21 35 42	...	...	...	...			SR <sub>1</sub>	22 34 49	...	...	...	...	
	PPS	21 38 23	...	...	...	...			SR <sub>2</sub>	22 36 12	...	...	...	...	
	SR <sub>1</sub>	21 43 26	...	...	...	...			L	22 39 00	...	...	...	...	
	SR <sub>2</sub>	21 47 16	...	...	...	...			M	22 43 39	...	...	...	...	
	F	22 49 20	...	...	...	...		Apr. 16	F	02 23 07	...	...	...	...	
Apr. 11	AN						Do.	Apr. 15	AN						
	e	21 35 51	...	...	...	...			e	22 24 27	...	...	...	...	
	F	22 38 03	...	...	...	...			i	22 31 39	...	...	...	...	
Apr. 12	AE						Do.	Apr. 16	Mn	22 46 10	25	292	...	...	
	e	03 28 02	...	...	...	...			AE						
	e	03 34 01	...	...	...	...			e	04 08 27	...	...	...	5280	Slight shock.
	F	04 11 47	...	...	...	...			IPR <sub>1</sub>	04 10 07	...	...	...	...	
Apr. 12	AN						Do.		PR <sub>1</sub>	04 10 53	...	...	...	...	
	e	03 35 30?	...	...	...	...			S	04 15 21	...	...	...	...	
	F	04 07 57?	...	...	...	...			SR <sub>1</sub>	04 18 42	...	...	...	...	
									SR <sub>2</sub>	04 19 55	...	...	...	...	

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>			
1934.		H. M. S.						1934.		H. M. S.						
Apr. 16	AE							Apr. 27	AE							
	e	12 49 30	...	...	...	...	Slight shock.		e	09 34 01	...	...	...	...	Slight shock.	
	F	14 35 46	...	...	...	...		Apr. 27	AE							
Apr. 19	AE								e	21 05 08	...	...	...	...	Distant moderate shock.	
	e	16 22 05	...	...	...	...	Do.		i	21 11 41	...	...	...	...		
Apr. 19	AE							Apr. 28	AE							
	i	16 29 01	...	...	...	...			e	15 19 57	...	...	...	...	Slight shock.	
	F	17 00 44	...	...	...	...			i	15 30 41	...	...	...	...		
Apr. 19	AE								F	16 30 44	...	...	...	...		
Apr. 19	eP	23 30 07	...	...	...	...	Do.	Apr. 28	AE							
	S (?)	23 33 29	...	...	...	...			e	18 22 25	...	...	...	...	Do.	
	L (?)	23 34 53	...	...	...	...			F	19 02 09	...	...	...	...		
	M (?)	23 36 33	...	...	...	...		Apr. 30	AE							
	F	Masked by the following shock.								e	12 30 11	...	...	...	...	Slight shock, not distant.
Apr. 19	AE								F	12 39 29	...	...	...	...		
	e	23 45 17	...	...	...	...	Do.	May 1	AE							
	S ?	23 46 57	...	...	...	...			P	03 42 55	...	...	...	800	Slight shock.	
	F	23 55 23	...	...	...	...			$\bar{P}$	03 43 49	...	...	...	...		
Apr. 19	AN								S	03 44 30	...	...	...	...		
	e	23 33 31	...	...	...	...	Do.		F	04 57 10	...	...	...	...		
	F	Masked by the following shock.							May 1	AN						
Apr. 19	AN								e	03 43 19	...	...	...	800	Do.	
	eS ?	23 46 55	...	...	...	...			eS	03 44 30	...	...	...	...		
	F	23 49 43	...	...	...	...			S*	03 45 00	...	...	...	...		
Apr. 24	AE								$\bar{S}$	03 45 34	...	...	...	...		
	e	18 55 33	...	...	...	...	Do.		F	04 22 22	...	...	...	...		
	F	20 04 19	...	...	...	...		May 1	AE							
Apr. 25	AE								P	07 10 50	...	...	...	2445	Do.	
	e	05 20 11	...	...	...	...	Feeble shock.		eS	07 14 51	...	...	...	...		
	F	05 30 12	...	...	...	...			SR <sub>1</sub>	07 15 39	...	...	...	...		
Apr. 26	AE								L	07 16 48	...	...	...	...		
	e	05 55 25	...	...	...	...	Slight shock.		F	09 04 44	...	...	...	...		
Apr. 26	AE								AN							
	e	08 21 33	...	...	...	...	Do.		e	07 11 27	...	...	...	...	Do.	
	F	09 50 02	...	...	...	...		May 3	AE							
Apr. 26	AE								P	01 40 45	...	...	...	6110	Do.	
	eP	13 48 35	...	...	...	5220	Do.		S	01 48 30	...	...	...	...		
	ePR <sub>1</sub>	13 50 23	...	...	...	...			Mn	02 00 05	10	...	8	...		
	PR <sub>2</sub>	13 51 09	...	...	...	...			F	03 20 31	...	...	...	...		
	IS	13 55 35	...	...	...	...		May 4	AE							
	SR <sub>1</sub>	13 58 47	...	...	...	...			P	04 48 40	...	...	...	919	Shock of great intensity.	
	L	14 02 49	...	...	...	...			PR <sub>2</sub>	04 53 45	...	...	...	...		
	F	14 56 00	...	...	...	...			IS	04 58 59	...	...	...	...		
Apr. 26	AE								PS	04 59 51	...	...	...	...		
	e	21 17 29	...	...	...	...	Do.	May 4	AE							
	i	21 24 21	...	...	...	...			ISR <sub>1</sub>	05 04 37	...	...	...	...		
	F	23 44 56	...	...	...	...										

TABLE D 1--contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
May 4	AE							May 12	AE						
	SR <sub>2</sub>	05 08 23	...	...	...	...			F	21 31 08	...	...	...	...	
	eL	05 16 10	...	...	...	...									
	Mn	05 26 01	27	...	172	...		May 13	AE						
	F	08 53 33	...	...	...	...			IP	09 14 09	...	...	...	8610	Moderate shock.
May 4	AN								PR <sub>1</sub>	09 17 07	...	...	...	...	
	P	04 48 40	...	...	...	9190	Shock of great intensity.		PR <sub>2</sub>	09 18 49	...	...	...	...	
	S	04 58 59	...	...	...	...			IS	09 24 03	...	...	...	...	
	Mn	05 29 25	24	182	...	...			PS	09 24 41	...	...	...	...	
May 4	AE								SR <sub>1</sub>	09 29 13	...	...	...	...	
	e	02 28 59	...	...	...	...	Slight shock.		SR <sub>2</sub>	09 32 21	...	...	...	...	
	F	02 53 00	...	...	...	...			L	09 39 23	...	...	...	...	
May 4	AE								M	09 45 37	...	...	...	...	
	e	14 51 57	...	...	...	...	Do.	May 13	AE						
	F	16 18 09	...	...	...	...			e	17 12 12	...	...	...	...	Slight shock.
May 4	AE								F	17 55 03	...	...	...	...	
	i]	16 59 58	...	...	...	...	Feeble shock.	May 22	AE						
	F	17 27 09	...	...	...	...			P	01 27 17	...	...	...	2745	Do.
May 6	AE								PR <sub>1</sub>	01 27 47	...	...	...	...	
	e	06 42 29	...	...	...	...			IS	01 31 42	...	...	...	...	
	F	06 53 45	...	...	...	...			SR <sub>1</sub>	01 32 47	...	...	...	...	
May 6	AE							May 22	AE						
	e	09 44 59	...	...	...	...			L	01 34 19	...	...	...	...	
	F	09 55 09	...	...	...	...			Mn	01 43 07	15	...	14	...	
May 7	AE							May 22	AN						
	e	02 05 42	...	...	...	...	Do.		e	01 27 34	...	...	...	...	Do.
	F	02 58 03	...	...	...	...			F	02 40 32	...	...	...	...	
May 7	AE							May 22	AE						
	e	04 15 29	...	...	...	...	Slight shock.		e	11 29 21	...	...	...	...	Do.
	F	05 19 41	...	...	...	...			F	12 28 51	...	...	...	...	
May 9	AE							May 27	AE						
	e	16 23 55	...	...	...	...	Do.		e	13 39 45	...	...	...	...	Do.
May 9	AE								Mn	13 46 57	13	...	8	...	
	Mn	16 52 51	15	...	5	...			F	14 42 56	...	...	...	...	
	F	17 43 43	...	...	...	...		May 30	AE						
May 9	AE								e	23 12 53	...	...	...	...	Do.
	e	19 00 55	...	...	...	...			F	23 47 25	...	...	...	...	
	F	19 26 55	...	...	...	...		June 1	AE						
May 11	AE								P	19 26 45	...	...	...	890	Do.
	e	18 33 37	...	...	...	...	Do.		S	19 27 31	...	...	...	...	
	F	19 13 20	...	...	...	...			S*	19 27 55	...	...	...	...	
May 12	AE								S	19 28 23	...	...	...	...	
	i	10 52 00	...	...	...	...	Feeble shock.		F	19 35 32	...	...	...	...	
	F	11 41 10	...	...	...	...		June 2	AE						
May 12	AE								P	05 58 04	...	...	...	1520	Moderate shock.
	e	20 37 18	...	...	...	...	Slight shock.		S	06 00 46	...	...	...	...	
									F	06 44 35	...	...	...	...	

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A N	A E							A N	A E		
1934.		H. M. S.						1934.		H. M. S.					
June 2	AN							June 13	AE						
	e	05 58 06	...	...	...	...	Moderate shock.		PR <sub>1</sub>	02 02 46	...	...	...		
	S	06 00 46	...	...	...	...			PR <sub>2</sub>	02 03 44	...	...	...		
June 2	AE								IS	02 08 27	...	...	...		
	e	14 02 21	...	...	...	...	Slight shock.		PS	02 09 05	...	...	...		
	F	15 19 38	...	...	...	...			SR <sub>2</sub>	02 13 57	...	...	...		
June 3	AE								L?	02 17 52	...	...	...		
	i	16 39 19	...	...	...	...	Very feeble shock.		M <sub>n</sub>	02 27 20	18	...	8		
	F	16 55 37	...	...	...	...			F	03 29 40	...	...	...		
June 3	AE							June 13	AN						
	e	21 12 34	...	...	...	...	Feeble shock.		e	02 00 32	...	...	...		Moderate shock.
	S	21 21 44	...	...	...	...		June 13	AE						
	F	22 16 35	...	...	...	...			IP	22 13 33	...	...	...	1310	Do.
June 4	AE								S	22 15 54	...	...	...	...	
	iP	05 58 28	...	...	...	...	Slight shock.	June 13	AN						
	eS	06 00 29	...	...	...	...			P	22 13 33	...	...	...	Do.	Do.
	F	06 18 17	...	...	...	...			S	22 15 54	...	...	...	...	Do.
June 4	AN								SR	22 16 09	...	...	...	...	
	e	05 58 17	...	...	...	...	Do.	June 16	L	22 16 33	...	...	...	...	
	S	06 00 29	...	...	...	...			AE						
June 5	AE								e	20 17 27	...	...	...	...	Slight shock.
	i	11 31 29	...	...	...	...	Do.		i	20 18 53	...	...	...	...	
	iS	11 32 36	...	...	...	...		June 18	F	20 28 42	...	...	...	...	
	F	11 44 46	...	...	...	...			AE						
June 5	AE								i	09 36 27	...	...	...	...	Feeble shock.
	e	13 10 47	...	...	...	...	Do.	June 18	F	10 46 12	...	...	...	...	
	F	13 36 54	...	...	...	...			AE						
June 6	AE								e	11 54 13	...	...	...	...	Do.
	e	04 25 34	...	...	...	...	Do.		i	11 55 06	...	...	...	...	
	F	05 34 45	...	...	...	...		June 23	F	12 02 06	...	...	...	...	
June 6	AE								AE						
	e	06 41 33	...	...	...	...	Do.		P	05 23 11	...	...	...	1510	Moderate shock.
	F	07 37 37	...	...	...	...			S	05 25 52	...	...	...	...	
June 9	AE							June 23	SR <sub>1</sub>	05 26 10	...	...	...	...	
	P	13 10 09	...	...	...	7955	Do.		AN						
	PcP	13 10 47	...	...	...	...			eP	05 23 11	...	...	...	...	
	PR <sub>1</sub>	13 12 49	...	...	...	...		June 24	SR <sub>1</sub>	05 26 05	...	...	...	...	
	S	13 19 34	...	...	...	...			AE						
June 9	PS								PR <sub>1</sub>	06 22 46	...	...	...	16110	Distant moderate shock.
	F	13 20 10	...	...	...	...			ScPcP	06 23 14	...	...	...	...	
	F	14 33 30	...	...	...	...			PR <sub>2</sub>	06 26 09	...	...	...	...	
June 10	AE								ScPcS	06 26 47	...	...	...	...	
	P	08 09 47	...	...	...	...	Feeble shock.		ScPcPcS	06 29 23	...	...	...	...	
	F	08 17 21	...	...	...	...			PScPcS	06 33 02	...	...	...	...	
June 13	AE								PPS	06 35 40	...	...	...	...	
	P	02 00 32	...	...	...	6255	Moderate shock.		SR <sub>1</sub>	06 41 40	...	...	...	...	
									SR <sub>2</sub>	06 47 07	...	...	...	...	

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		$\Delta$ Kms.	Remarks.
				A N	A E							A N	A E		
1934.		H. M. S.						1934.		H. M. S.					
June 24	AE							July 18	AE						
	eL	07 08 34	...	...	...	...			PR <sub>1</sub>	02 03 8	...	...	...	...	
June 24	AN								ScPc PcS	02 06 14	...	...	...	...	
	e	06 19 04	...	...	...	...			PScPcS	02 10 01	...	...	...	...	
	eF	08 05 20	...	...	...	...			PPS	02 12 55	...	...	...	...	
June 29	AE								SR <sub>1</sub>	02 19 07	...	...	...	...	
	P	08 33 49	...	...	...	5000	Moderate shock.		SR <sub>2</sub>	02 24 54	...	...	...	...	
	PR <sub>1</sub>	08 35 27	...	...	...	...			eL	02 48 23	...	...	...	...	
	PR <sub>2</sub>	08 36 11	...	...	...	...			F	06 02 25	...	...	...	...	
	S	08 40 33	...	...	...	...									
June 29	AE							July 18	AN						
	SR <sub>1</sub>	08 43 18	...	...	...	...			eP' <sub>1</sub>	01 55 55	...	...	...	17000	Shock of great intensity.
	SR <sub>2</sub>	08 44 18	...	...	...	...			PR <sub>1</sub>	61 59 38	...	...	...	..	
	eL	08 47 10	...	...	...	...			eL	02 48 23	...	...	...	...	
	F	09 49 18	...	...	...	...			F	06 02 28	...	...	...	...	
June 29	AN							July 18	AE						
	P	08 33 49	...	...	...	5000	Do.		e	16 37 12	...	...	...	...	Feeble shock.
	S	08 40 33	...	...	...	...			F	17 07 14	...	...	...	...	
	eL	08 47 00	...	...	...	...									
	F	09 41 19	...	...	...	...		July 18	AE						
June 29	AE								P	17 19 12	...	...	...	...	Moderate shock.
	e	12 48 56	...	...	...	...	Feeble shock.		PR <sub>1</sub>	17 22 51	...	...	...	...	
	F	13 08 48	...	...	...	...			PR <sub>2</sub>	17 24 51	...	...	...	...	
July 3	AE								ScPcS	17 29 25	...	...	...	...	
	i	08 55 10	...	...	...	...	Slight near shock.		S?	17 30 23	...	...	...	...	
	i	08 55 37	...	...	...	...			PS?	17 31 36	...	...	...	...	
July 3	AN								SR <sub>1</sub>	17 36 58	...	...	...	...	
	e	08 55 11	...	...	...	...	Do.		SR <sub>2</sub>	17 40 37	...	...	...	...	
	F	09 16 44	...	...	...	...			L	17 50 09	...	...	...	...	
July 5	AE							July 18	AN						
	e	07 34 01	...	...	...	...	Do.		e	17 19 18	...	...	...	...	
	F	07 37 16	...	...	...	...		July 18	F	19 12 34	...	...	...	...	
July 6	AE							July 18	AE						
	e	23 17 04	...	...	...	...	Distant slight shock.		P	19 53 50	...	...	...	10720	Shock of great intensity.
July 12	AE								PR <sub>1</sub>	19 57 18	...	...	...	...	
	i	14 41 08	...	...	...	...	Tremors.		ScPcS	20 04 20	...	...	...	...	
	F	15 08 55	...	...	...	...			PS	20 05 48	...	...	...	...	
July 15	AE								SR <sub>1</sub>	20 10 46	...	...	...	...	
	e	02 11 49?	...	...	...	...	Slight shock.		SR <sub>2</sub>	20 15 11	...	...	...	...	
	F	02 18 23?	...	...	...	...			L	20 30 02	...	...	...	...	
July 18	AE							July 19	F	00 04 01	...	...	...	...	
	P' <sub>1</sub>	01 56 00	...	...	...	17000	Shock of great intensity.	July 18	AN						
July 18	AE								eP	19 53 54	...	...	...	...	Do.
	ScPcP?	01 59 22	...	...	...	...		July 19	AE						
	PR <sub>1</sub>	01 59 38	...	...	...	...			P	01 37 34	...	...	...	6290	Moderate shock.
	ScPcS	02 02 48	...	...	...	...			PR <sub>1</sub>	01 39 47	...	...	...	...	
									PR <sub>2</sub>	01 40 40	...	...	...	...	

TABLE D 1—contd.

Date	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
July 19	AE							July 28	AE						
	S	01 45 31	...	...	...	...			P	02 09 32	...	...	...	1280	Slight shock.
	PS	01 46 08	...	...	...	...			S	02 11 50	...	...	...	...	
	SR <sub>1</sub>	01 49 35	...	...	...	...		July 28	SR <sub>1</sub>	02 12 10	...	...	...	...	
	SR <sub>2</sub>	01 51 24	...	...	...	...			Mn	02 15 32	10	...	22	...	
	eL	01 55 28	...	...	...	...			F	02 43 02	...	...	...	...	
	F	03 39 14	...	...	...	...		July 28	AN						
July 19	AN								P	02 09 32	...	...	...	1280	Slight shock.
	eP	01 37 34	...	...	...	...			S	02 11 50	...	...	...	...	
July 19	AE							July 30	AE						
	e	06 02 13	...	...	...	...	Feeble shock.		e	03 34 51	...	...	...	...	Feeble shock.
	i	06 09 10	...	...	...	...			F	03 44 28	...	...	...	...	
July 19	AN							July 31	AE						
	e	06 10 06	...	...	...	...			e	06 12 17	...	...	...	...	
July 19	AE								F	06 29 31	...	...	...	...	
	P	07 50 15	...	...	...	11090	Slight shock.	July 31	AE						
	eP (?)	07 53 35	...	...	...	...			P	11 55 22	...	...	...	3035	Slight shock.
	ePR <sub>1</sub>	07 54 09	...	...	...	...			S	12 00 08	...	...	...	...	
	PR <sub>2</sub>	07 56 23	...	...	...	...			F	12 29 02	...	...	...	...	
	ScPcS	08 00 43	...	...	...	...		Aug. 2	AE						
	PS	08 02 29	...	...	...	...			i	07 36 03?	...	...	...	...	Tremors.
	SR <sub>1</sub>	08 07 55	...	...	...	...			F	08 14 08?	...	...	...	...	
	SR <sub>2</sub>	08 12 11	...	...	...	...		Aug. 3	AE						
	F	10 21 49	...	...	...	...			e	02 16 31	...	...	...	...	Do.
July 19	AN								F	02 21 46	...	...	...	...	
	e	07 53 30	...	...	...	...		Aug. 4	AE						
	F	09 12 14	...	...	...	...			i	13 29 34	...	...	...	...	Feeble shock.
July 20	AE								i	13 28 56	...	...	...	...	
	e	02 55 35	...	...	...	...			F	13 58 19	...	...	...	...	
	F	03 19 11	...	...	...	...		Aug. 7	AE						
July 20	AE								iP	03 53 24	...	...	...	10555	Moderate shock.
	i	18 34 15	...	...	...	...			PR <sub>1</sub>	03 57 10	...	...	...	...	
	F	20 23 52	...	...	...	...			PR <sub>2</sub> ?	03 59 29	...	...	...	...	
July 21	AN								ScPcS	04 03 52	...	...	...	...	
	P	06 31 56	...	...	...	...	Moderate shock.		ScPc PcS?	04 04 18	...	...	...	...	
	F	09 45 45	...	...	...	...			S	04 04 44	...	...	...	...	
July 21	AE								PS	04 05 52	...	...	...	...	
	eP	11 01 25	...	...	...	...	Slight shock.		PPS?	04 06 36	...	...	...	...	
	F	13 10 42	...	...	...	...			SR <sub>1</sub>	04 11 25	...	...	...	...	
July 21	AN								SR <sub>2</sub> ?	04 15 15	...	...	...	...	
	e	11 01 30	...	...	...	...	Do.		L?	04 26 03	...	...	...	...	
	F	13 02 28	...	...	...	...			M	04 32 47	...	...	...	...	
July 22	AE								F	07 04 19	...	...	...	...	
	iP	19 59 29	...	...	...	1055	Moderate shock.	Aug. 7	AN						
	S	20 01 22	...	...	...	...			e	03 53 32	...	...	...	...	Moderate shock.
	F	20 46 40	...	...	...	...			F	06 11 30	...	...	...	...	



TABLE D 1—contd.

Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.								H. M. S.					
Aug. 7	AE							Aug. 12	AN						
	eP	11 54 03	...	...	...	2100	Slight shock.		P	23 58 15	...	...	...	5390	Moderate Shock.
	PR <sub>1</sub> ?	11 54 20	...	...	...	...		Aug. 13	S	00 05 21	...	...	...	...	
	PR <sub>2</sub> ?	11 54 29	...	...	...	...		Aug. 13	AE						
	S	11 57 44	...	...	...	...			e	11 01 28	...	...	...	...	Tremors.
	SR <sub>1</sub>	11 58 35	...	...	...	...			F	11 24 11	...	...	...	...	
	L	11 59 29	...	...	...	...		Aug. 14	AE						
	M	12 01 10	...	...	...	...			e	09 07 16	...	...	...	...	Feeble shock.
	Mn	12 02 41	13	...	20	...			F	10 03 03	...	...	...	...	
	F	13 12 28	...	...	...	...		Aug. 18	AE						
Aug. 7	AN						Do.		e	02 55 05	...	...	...	...	Do.
	e	11 54 15	...	...	...	...			F	03 42 02	...	...	...	...	
	S	11 57 44	...	...	...	...		Aug. 21	AE						
	F	12 50 08	...	...	...	...			e	19 33 04	...	...	...	...	Slight shock.
Aug. 9	AE						Feeble shock.		S	19 33 06	...	...	...	...	
	e	19 55 55	...	...	...	...			SR <sub>1</sub> ?	19 40 50	...	...	...	...	
	F	21 05 44	...	...	...	...			L	19 44 30	...	...	...	...	
Aug. 11	AE						Moderate shock.		F	21 26 38	...	...	...	...	
	eP	08 25 41	...	...	...	4465		Aug. 22	AE						
	PR <sub>2</sub>	08 27 27	...	...	...	...			e	06 55 36	...	...	...	...	Tremors.
Aug. 11	AE								F	07 21 32	...	...	...	...	
	S	08 31 57	...	...	...	...		Aug. 22	AE						
	SR <sub>2</sub>	08 35 12	...	...	...	...			e	10 30 21	...	...	...	...	Feeble shock.
	L	08 37 09	...	...	...	...			F	11 08 22	...	...	...	...	
	M	08 40 30	...	...	...	...		Aug. 23	AE						
	F	10 01 40	...	...	...	...			e	23 54 17	...	...	...	...	Do.
Aug. 11	AN						Do.	Aug. 24	F	01 44 47	...	...	...	...	
	e	08 25 39	...	...	...	...		Aug. 29	AE						
	F	09 41 34	...	...	...	...			eP	03 44 18	...	...	...	710	Slight shock.
Aug. 11	AE						Distant slight shock.		P*	03 44 40	...	...	...	...	
	e	12 09 37	...	...	...	...			P	03 44 55	...	...	...	...	
	i	12 19 28	...	...	...	...			S	03 45 32	...	...	...	...	
	F	13 55 21	...	...	...	...			S	03 46 22	...	...	...	...	
Aug. 11	AN						Do.		F	04 07 36	...	...	...	...	
	e	12 10 07	...	...	...	...		Aug. 29	AN						
	F	13 49 22	...	...	...	...			eP*	03 44 40	...	...	...	710	Do.
Aug. 12	AE								S	03 45 32	...	...	...	...	
	P	23 58 15	...	...	...	5390	Moderate shock.		S	03 46 22	...	...	...	...	
Aug. 13	PR <sub>1</sub>	00 00 01	...	...	...	...			F	03 56 18	...	...	...	...	
	PR <sub>2</sub>	00 00 52	...	...	...	...		Aug. '31	AE						
	S	00 05 21	...	...	...	...			P	05 14 43	...	...	...	8490	Distant slight shock.
	PS	00 05 52	...	...	...	...			S	05 24 25	...	...	...	...	
	SR <sub>1</sub>	00 08 42	...	...	...	...			PS	05 25 07	...	...	...	...	
	SR <sub>2</sub> ?	00 10 06	...	...	...	...			SR <sub>1</sub>	05 29 27	...	...	...	...	
	L	00 12 51	...	...	...	...			SR <sub>2</sub>	05 32 21	...	...	...	...	
	Mn	00 21 06	20	...	46	...			L?	05 39 09	...	...	...	...	
	F	01 58 14	...	...	...	...			M	05 44 06	...	...	...	...	

TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
Aug. 31	AE							Sep. 9	AN						
	F	08 09 49	...	...	...	...	Distant slight shock.		e	05 00 41	...	...	...	...	Slight shock.
Aug. 31	AN								S	05 01 55	...	...	...	...	
	eP	05 14 43	...	...	...	...	Do.		S	05 02 40	...	...	...	...	
	F	07 52 41	...	...	...	...		Sep. 11	AE						
Aug. 31	AE								e	06 45 09	...	...	...	...	Feeble shock.
	iP	15 00 47	...	...	...	1300	Shock of great intensity.		F	06 59 47	...	...	...	...	
	iS	15 03 07	...	...	...	...		Sep. 11	AE						
	L	15 03 51	...	...	...	...			e	08 20 17	...	...	...	...	Do.
	F	16 36 41	...	...	...	...			F	09 05 51	...	...	...	...	
Aug. 31	AN							Sep. 11	AE						
	iP	15 00 47	...	...	...	1300	Do.		e	14 12 05	...	...	...	1000	Slight shock.
	S	15 03 07	...	...	...	...			P	14 13 07	...	...	...	...	
	Mn	15 05 18	...	483	...	...			S	14 13 55	...	...	...	...	
	F	16 06 56	18	...	...	...			S	14 15 05	...	...	...	...	
Aug. 31	AE								F	14 28 43	...	...	...	...	
	e	17 50 15	...	...	...	...	Tremors.	Sep. 12	AE						
	F	18 00 59	...	...	...	...			e	14 42 28	...	...	...	...	Feeble shock.
Sep. 1	AE								F	15 35 48	...	...	...	...	
	e	12 36 44	...	...	...	...	Slight shock.	Sep. 12	AE						
	i	12 38 31	...	...	...	...			e	18 01 16	...	...	...	...	Do.
	F	12 59 47	...	...	...	...			F	18 35 47	...	...	...	...	
Sep. 5	AE							Sep. 13	AE						
	e	02 31 35	...	...	...	...	Tremors.		e	03 23 08	...	...	...	...	
	F	02 49 01	...	...	...	...			F	03 51 26	...	...	...	...	
Sep. 5	AE							Sep. 13	AE						
	e	10 26 32	...	...	...	...	Do.		e	14 36 46	...	...	...	...	Tremors.
	F	10 38 36	...	...	...	...			F	15 19 52	...	...	...	...	
Sep. 5	AE							Sep. 18	AE						
	e	12 31 19	...	...	...	...	Feeble shock.		e	07 14 24	...	...	...	...	
	F	12 48 41	...	...	...	...			F	07 29 21	...	...	...	...	
Sep. 6	AE							Sep. 20	AE						
	i	02 25 31	...	...	...	...	Do.		e	19 48 37	...	...	...	...	Do.
	F	03 23 34	...	...	...	...			F	20 02 47	...	...	...	...	
Sep. 8	AE							Sep. 21	AE						
	P	06 48 01	...	...	...	1310	Slight shock.			12 45 19	...	...	...	...	Slight shock.
	S	06 50 23	...	...	...	...			i	12 45 45	...	...	...	...	
	L?	06 51 12	...	...	...	...			i	12 50 29	...	...	...	...	
	Mn	06 53 37	10	...	9	...			L?	12 51 43	...	...	...	...	
	F	07 29 49	...	...	...	...			M	12 53 47	...	...	...	...	
Sep. 8	AE							Sep. 23	AE						
	e	14 11 00	...	...	...	...	Feeble shock.		P	01 29 55	...	...	...	910	Do.
	F	14 29 22	...	...	...	...									
Sep. 9	AE							Sep. 23	AE						
	e	05 00 42	...	...	...	...	Slight shock.								
	S	05 01 59	...	...	...	...			P*	01 30 23	...	...	...	...	
	F	05 29 32	...	...	...	...			P	01 30 51	...	...	...	...	



TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A <sub>N</sub>	A <sub>E</sub>							A <sub>N</sub>	A <sub>E</sub>		
1934.		H. M. S.						1934.		H. M. S.					
Oct. 26	AE							Nov. 11	AE						
	PR <sub>1</sub>	17 21 24	...	...	...	...			P	04 18 13	...	...	...	930	Slight shock.
	PR <sub>2</sub>	17 22 05	...	...	...	...			iS	04 19 03	...	...	...	...	
	S	17 26 24	...	...	...	...			S	04 19 53	...	...	...	...	
	SR <sub>1</sub>	17 29 33	...	...	...	...			F	04 29 42	...	...	...	...	
	SR <sub>2</sub>	17 30 57	...	...	...	...									
Oct. 26	AE							Nov. 11	AN						
	M <sub>D</sub>	17 43 39	15	...	27	...			iS	04 19 03	...	...	...	930	Do.
	F?	19 32 49	...	...	...	...			iS	04 19 53	...	...	...	...	
Oct. 26	AN							Nov. 12	AE						
	i	17 26 26	...	...	...	...			eP	07 26 03	...	...	...	3565	Moderate shock.
Oct. 29	AE								PR <sub>2</sub> ?	07 27 27	...	...	...	...	
	IP	16 21 33	...	...	...	3020	Slight shock.		eS	07 31 17	...	...	...	...	
	ePR <sub>1</sub>	16 22 17	...	...	...	...			L	07 35 07	...	...	...	...	
	iS	16 26 18	...	...	...	...			M	07 38 09	...	...	...	...	
	SR <sub>1</sub>	16 27 41	...	...	...	...			F	08 53 07	...	...	...	...	
	L	16 29 20	...	...	...	...									
	F?	18 08 05	...	...	...	...		Nov. 12	AN						
Oct. 29	AN								e	07 31 19	...	...	...	...	Do.
	e	16 26 13	...	...	...	...	Do.		M <sub>n</sub>	07 39 27	20	77	...	...	
	i	16 27 01	...	...	...	...		Nov. 15	AE						
	F	16 50 21	...	...	...	...			IP	23 17 21	...	...	...	1020	Slight shock.
Nov. 2	AE								P*	23 17 51	...	...	...	...	
	e	15 21 51	...	...	...	...	Do.		iS	23 19 11	...	...	...	...	
	F	15 39 59	...	...	...	...		Nov. 15	AE						
Nov. 3	AE								iS*	23 19 51	...	...	...	...	
	e	13 26 53	...	...	...	...	Do.		F	23 43 41	...	...	...	...	
	F	13 38 06	...	...	...	...		Nov. 15	AN						
Nov. 4	AE								P	23 17 21	...	...	...	1020	Do.
	e	02 12 18	...	...	...	...	Distant moderate shock.		eS	23 19 17	...	...	...	...	
	e	02 21 23	...	...	...	...		Nov. 16	AE						
	F	Masked by the following shock.							cP	13 54 43	...	...	...	...	Distant slight shock.
Nov. 4	AE								i	14 04 09	...	...	...	...	
	i	03 40 27	...	...	...	...	Do.		F	15 42 37	...	...	...	...	
	F	06 23 40	...	...	...	...		Nov. 18	AE						
Nov. 5	AE								IP	03 23 55	...	...	...	...	Moderate shock (Fell at Peshawar, Lahore, Delhi and Amritsar).
	IP	23 14 27	...	...	...	...	Do.		eF	04 58 35	...	...	...	...	
	S?	23 24 19	...	...	...	...		Nov. 18	AN						
Nov. 5	AE								IP	03 23 55	...	...	...	...	Do.
	SR <sub>1</sub> ?	23 29 45	...	...	...	...			P	03 24 45	...	...	...	...	
	F	Lost while removing chart.							S	03 25 12	...	...	...	...	
Nov. 9	AE								S*	03 25 40	...	...	...	...	
	e	04 18 09	...	...	...	...	Feeble shock.		S	03 26 19	...	...	...	...	
	F	04 42 33	...	...	...	...			F	04 03 45	...	...	...	...	
Nov. 9	AE							Nov. 18	AE						
	i	13 55 29	...	...	...	...	Tremors.		e	09 38 02	...	...	...	...	Slight shock.
	F	14 01 27	...	...	...	...			F	10 34 47	...	...	...	...	



TABLE D 1—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A N	A E							A N	A E		
1934.		H. M. S.						1934.		H. M. S.					
Dec. 15	AE							Dec. 17	AE						
	i	19 38 51?	...	...	...	...			e	22 37 15	...	...	...	...	Apparently an after-shock of the Tibet Earthquake
	F	20 44 35	...	...	...	...			F	22 43 18	...	...	...	...	
Dec. 16	AE							Dec. 17	AE						
	e	16 15 03	...	...	...	...	Apparently an after-shock of the Tibet Earthquake.		i	23 14 39	...	...	...	...	Slight shock. Felt at Muzaffarpur.
	e	16 16 13	...	...	...	...			F	23 17 45	...	...	...	...	
	F	16 37 46	...	...	...	...		Dec. 17	AN						
Dec. 16	AE								e	23 14 41	...	...	...	...	Do.
	e	19 17 36	...	...	...	...	Tremors.	Dec. 18	AE						
	F	19 34 43	...	...	...	...			P	11 24 47	...	...	...	...	Apparently an after-shock of the Tibet Earthquake.
Dec. 16	AE								iS	11 26 43	...	...	...	...	
	e	20 44 33	...	...	...	...	Apparently an after-shock of the Tibet Earthquake.		S*	11 27 14	...	...	...	...	
	F	20 59 20	...	...	...	...			iS	11 27 41	...	...	...	...	
Dec. 16	AE								eF	12 39 31	...	...	...	...	
	eP	23 37 49	...	...	...	...	Do.	Dec. 18	AN						
	S	23 39 41	...	...	...	...			S	11 26 43	...	...	...	...	Do.
	S	23 40 55	...	...	...	...			S*	11 27 14	...	...	...	...	
Dec. 17	AE								iS	11 27 41	...	...	...	...	
	F	00 02 19	...	...	...	...			F	11 52 23	...	...	...	...	
Dec. 17	AE							Dec. 19	AE						
	e	06 50 17	...	...	...	...	Apparently an after-shock of the Tibet Earthquake.		eP	03 06 23	...	...	...	...	Do.
	F	07 12 10	...	...	...	...			S	03 08 18	...	...	...	...	
Dec. 17	AN								iS	03 09 27	...	...	...	...	
	e	06 51 30	...	...	...	...	Do.		eF	03 45 14	...	...	...	...	
Dec. 17	AE							Dec. 21	AE						
	e	09 20 14	...	...	...	...	Do.		eP	06 37 09	...	...	...	...	Do.
	e	09 21 31	...	...	...	...			P	06 38 17	...	...	...	...	
	F	09 46 28	...	...	...	...			S	06 39 07	...	...	...	...	
Dec. 17	AN								S*	06 39 38	...	...	...	...	
	e	09 21 11	...	...	...	...	Do.		S	06 40 12	...	...	...	...	
	F	09 30 59	...	...	...	...			F	07 15 01	...	...	...	...	
Dec. 17	AE							Dec. 21	AN						
	e	14 45 19	...	...	...	...	Do.		eS	06 39 07	...	...	...	...	Do.
	e	14 46 25	...	...	...	...		Dec. 21	AN						
	F	15 07 49	...	...	...	...			S	06 40 12	...	...	...	...	
Dec. 17	AN								F	06 54 31	...	...	...	...	
	e	14 46 25	...	...	...	...	Do.	Dec. 21	AE						
	F	14 51 21	...	...	...	...			P	12 41 33	...	...	...	...	Do.
Dec. 17	AE								P	12 42 35	...	...	...	...	
	P	16 04 13	...	...	...	8625	Distant slight shock.		S	12 43 33	...	...	...	...	
	iS	16 13 47	...	...	...	...			S*	12 44 16	...	...	...	...	
	PS	16 14 30	...	...	...	...			iS	12 44 35	...	...	...	...	
	SR <sub>1</sub>	16 18 57?	...	...	...	...			M <sub>1</sub>	12 46 30?	8	...	23	...	
	SR <sub>2</sub>	16 21 49?	...	...	...	...			F?	13 31 05	...	...	...	...	
	F	18 14 51	...	...	...	...		Dec. 21	AN						
Dec. 17	AN								eP	12 41 33	...	...	...	...	Do.
	e	16 13 44	...	...	...	...	Do.		iS	12 43 33	...	...	...	...	
Dec. 17	AE								S*	12 44 16	...	...	...	...	
	e	22 35 51	...	...	...	...	Apparently an after-shock of the Tibet Earthquake.		S	12 44 35	...	...	...	...	
	F	22 58 28	...	...	...	...			F	13 05 55	...	...	...	...	

TABLE D 1--concl'd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ ).		$\Delta$ Kms.	Remarks.
				A N	A E							A N	A E		
		H. M. S.								H. M. S.					
1934.								1934.							
Dec. 22	AE							Dec. 27	AE						
	e	10 59 37	...	...	...	...	Slight shock.		F	12 53 19?	...	...	...	...	
	F	12 11 41	...	...	...	...									
Dec. 22	AN							Dec. 27	AE						
	e	11 04 59	...	...	...	...	Do.		P	13 39 53	...	...	...	645	Slight shock, Felt at Lahore.
Dec. 22	AE								$\bar{P}$	13 40 36	...	...	...	..	
	e	14 52 35	...	...	...	...	Distant moderate shock.		S	13 41 11	...	...	...	...	
	F	17 05 43	...	...	...	...			$\bar{iS}$	13 41 50?	...	...	...	...	
Dec. 23	AE								$\bar{r}$	14 09 33	...	...	...	...	
	e	10 12 09	...	...	...	...	Slight shock.	Dec. 27	AN						
	e	10 15 37	...	...	...	...			e	13 41 05	...	...	...	...	Do
	F	11 48 29	...	...	...	...			i	13 41 56	...	...	...	...	
Dec. 25	AE								F	13 50 10	...	...	...	...	
	e	06 37 41	...	...	...	...	Do.	Dec. 29	AE						
Dec. 27	AE								e	23 22 03	...	...	...	...	Tremors.
	e	12 39 39?	...	...	...	..	Do.		F	23 28 53	...	...	...	...	

Upper Air Observatory, Agra.

G. CHATTERJEE,  
Meteorologist-in-charge.

## STATION—COLABA, BOMBAY.

Lat. 18° 54' N Long. 72° 49' E. Height above M.S.L.—6 metres.

LITHOLOGIC FOUNDATION : TRAP ROCK.

INSTRUMENTS :—Milne-Shaw seismographs, North-South (N) and East-West (E) components, installed in an underground constant temperature room. Photographic Registration.

### INSTRUMENTAL CONSTANTS.

Compt.	Steady mass Kg.	T. (sec.).	Vm	ε	Paper speed mm./min.
N	0.45	12	250	20 : 1	8
E	0.45	12	350	22 : 1	8

TABLE D 2.

Date.	Compt.	Phase.	G. M. T.			△	Remarks.	Date.	Compt.	Phase.	G. M. T.			△	Remarks.
			H. M. S.	Sec.	μ						Km.	H. M. S.	Sec.		
1934.															
Jan. 1	N,E	P	06 26 06	...	...	5870	Slight.	Jan. 15	N,E	eP	08 46 46	...	...	1610	iP preceded by small fore-running tremors eP of 6 seconds' duration. E-W. Milne-Shaw failed to record after iP and N-S after incidence of S-Phase. Times of P, S and L taken from Omori-Ewing seismographs. N-S maximum movements not recorded, E-W maximum movements restricted by stops. Epc: 26° N 86° E. Origin time of eP: Sh. 43 m. 16 s. Disastrous North Behar Earthquake.
	N,E	S	06 33 39	...	...	...		N	iP	08 46 52	...	...	...		
	E	L	06 44 24	...	...	...		N	PR (?)	08 47 01	...	...	...		
	N	Mn	06 55 01	...	...	...		N,E	P̄	08 48 20	...	...	...		
	E	Mn	06 51 58	...	...	...		N,E	S	08 49 38	...	...	...		
	N	F	07 30 ...	...	...	...		N,E	L	08 50 30	...	...	...		
	E	F	07 28 ...	...	...	...		E	Mn	...	...	...	10,000		
Jan. 2	N,E	iP	20 59 49	...	...	2090	Slight.	N	F	13 30 ...	...	...	...		
	N,E	iS	21 03 22	...	...	...	Epc: 33° N., 59° E., (Persia).	E	F	13 28 ...	...	...	...		
	N,E	L	21 05 14	...	...	...									
	N	Mn	21 09 18	14	9	...		Jan. 16	E	eP	05 02 29	...	...	1445	Slight.
	E	Mn	21 10 33	12	9	...		N,E	eS	05 05 03	...	...	...	Aftershock of Behar Earthquake.	
	N	F	21 55 ...	...	...	...		N,E	SR <sub>1</sub>	05 05 26	...	...	...		
	E	F	21 53 ...	...	...	...		N,E	eL	05 05 48	...	...	...		
Jan. 3	N,E	iP	09 53 21	...	...	7300	Slight. L-waves poor.	N	Mn	05 06 52	3	12	...		
	N,E	PR <sub>1</sub>	09 55 58	...	...	...	Epc: 53° N., 155° E., (U. S. C. G. S.)	N	F	05 31 ...	...	...	...		
	NE	PR <sub>2</sub>	09 56 59	...	...	...	Sea of Okhotsk.	E	F	05 38 ...	...	...	...		
	N,E	iS	10 02 14	...	...	...									
	E	PS	10 02 49	...	...	...		Jan. 16-17	N,E	P	18 48 54	...	...	5665	Slight.
	N,E	SR <sub>2</sub>	10 08 58	...	...	...		N,E	S	18 56 16	...	...	...	Epc: 4° N., 122° E., Celebes Sea.	
	E	Mn	10 20 05	...	...	...		N,E	L	19 06 09	...	...	...		
	N	F	11 14 ...	...	...	...		E	Mn	19 17 09	15	4	...		
	E	F	11 08 ...	...	...	...		N	F	01 02 ...	...	...	...		
Jan. 11	N	Mn	11 18 34	...	...	...	Very feeble.	E	F	01 06 ...	...	...	...		
	E	Mn	11 17 08	...	...	...	Beginning uncertain.	Jan. 19	N,E	iP	12 38 34	...	...	2600	Slight.
	N	F	11 33 ...	...	...	...		N,E	iS	12 42 48	...	...	...	Epc: 27° N., 96° E., North Burma.	
	E	F	11 31 ...	...	...	...		N	Mn	12 47 37	7	9	...		
Jan. 12	N,E	eP	13 37 43	...	...	3055	Slight.	E	Mn	12 47 55	...	...	...		
	N,E	eS	13 42 30	...	...	...	Epc: 25° N., 102° E., China.	N,E	F	13 27 ...	...	...	...		
	N	eL	13 45 27	...	...	...		Jan. 19	N,E	eP	18 53 16	...	...	1490	Slight.
	N	Mn	13 52 15	...	...	...		N,E	PR <sub>2</sub>	18 53 26	...	...	...	Aftershock of Behar Earthquake.	
	E	Mn	13 50 56	...	...	...		N,E	iS	18 55 55	...	...	...		
	N	F	14 37 ...	...	...	...		N,E	SR <sub>1</sub>	18 56 21	...	...	...		
	E	F	14 36 ...	...	...	...		N,E	eL	18 56 41	...	...	...		



TABLE D 2—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1934.			H M S.	Sec.	μ	Km.		1934.			H. M. S.	Sec.	μ	Km.	
Jan. 19	N	Mn	18 57 51	3	18	...		Feb. 2	E	L	15 38 10	...	...	...	
	N,E	F	19 17 ...	...	...	...			E	Mn	15 44 17	15	4	...	Epc: 2° S., 133° E., Dutch New Guinea.
Jan. 20	N	Mn	17 46 12	...	...	...	Seismic activity.		N	F	16 52 ...	...	...	...	
	E	Mn	17 47 12	...	...	...			E	F	16 51 ...	...	...	...	
Jan. 20	N,E	P	18 03 27	...	...	4010	Slight. Epc: 40° N., 107° E., Ordos District in Mongolia.	Feb. 2	N	e	19 24 ...	...	...	...	Tremors.
	N,E	S	18 09 15	...	...	...			E	e	19 23 ...	...	...	...	
	N,E	L	18 14 44	...	...	...			N	f	19 50 ...	...	...	...	
	N,E	M	18 19 46	N15	13	...			E	f	19 54 ...	...	...	...	
	N	F	19 32 ...	E 14	9	...		Feb. 3	N,E	P	14 45 22	...	...	8860	Slight.
Jan. 20	E	F	19 31 ...	...	...	...	Slight. Distant.		N,E	S	14 55 27	...	...	...	Epc: 8° N., 153° E. Caroline Islands.
	N,E	e	22 51 56	...	...	...			N,E	PS	14 56 04	...	...	...	
	N	Mn	23 20 42	...	...	...			N	L	15 09 27	...	...	...	
	E	Mn	23 23 33	...	...	...			E	L	15 09 57	...	...	...	
	N	F	23 54 ...	...	...	...			N	Mn	15 18 16	22	8	...	
	E	F	23 53 ...	...	...	...			E	Mn	15 18 50	23	10	...	
Jan. 21	N	e	06 56 31	...	...	...	Slight. Aftershock of Behar Earthquake.		N	F	17 33 ...	...	...	...	
	N	Mn	06 59 19	...	...	...			E	F	17 36 ...	...	...	...	
	N	F	Marked by the following shock.	...	...	...		Feb. 3	N	e	03 20 55	...	...	...	Slight. Distant.
Jan. 21	N	i	07 10 58	...	...	...	Feeble. Distant.		E	i	03 20 48	...	...	...	
	N	Mn	07 24 02	...	...	...			N,E	i	03 29 01	...	...	...	
	N	F	08 11 ...	...	...	...			N	F	03 56 ...	...	...	...	
Jan. 21	N	eS	19 55 43	...	...	...	Slight. Aftershock of Behar Earthquake. Beginning uncertain	Feb. 4	N,E	e	12 55 52	...	...	...	Slight. Near.
	N	eL	19 56 45	...	...	...			N,E	i	12 56 38	...	...	...	
	N	Mn	19 57 36	...	...	...			N	Mn	13 01 11	7	5	...	
	N	F	20 09 ...	...	...	...			E	Mn	13 01 12	7	3	...	
Jan. 22	N,E	e	07 59 49	...	...	...	Slight. Distant.		N	F	13 26 ...	...	...	...	
	N	Mn	08 18 25	...	...	...			E	F	13 27 ...	...	...	...	
	E	Mn	08 21 15	...	...	...		Feb. 4	N,E	P	13 32 18	...	...	2480	Moderate. L-Waves not well developed Max. movement near S. Epc: 31° N., 52° E., Persia.
	N	F	08 53 ...	...	...	...			N,E	PR <sub>1</sub>	13 32 48	...	...	...	
	E	F	08 52 ...	...	...	...			N,E	S	13 36 22	...	...	...	
Jan. 28	N,E	eP	19 29 42	...	...	16135	Moderate. Epc: 17° N., 100° W. (U. S. C. G. S.) Destructive in southern and central Mexico.		N,E	SR <sub>1</sub>	13 37 22	...	...	...	
	N	PR <sub>1</sub>	19 32 56	...	...	...			E	L	13 38 45	...	...	...	
	N,E	ScPcP	19 33 15	...	...	...			N	F	15 28 ...	...	...	...	
	N,E	PR <sub>2</sub>	19 36 07	...	...	...			E	F	15 29 ...	...	...	...	
	N,E	ScPcS	19 36 33	...	...	...		Feb. 4	N,E	P	22 11 27	...	...	6620	Slight.
	E	ScPcPcS	19 39 33	...	...	...			N,E	S	22 19 43	...	...	...	Epc: 5° S., 127° E., Banda Sea (East Indies).
	N,E	PScPcS	19 42 56	...	...	...			N,E	L	22 32 24	...	...	...	
	N,E	SR <sub>1</sub>	19 51 35	...	...	...			E	Mn	22 38 01	21	8	...	
	N,E	eL	20 19 ...	...	...	...			N	F	23 33 ...	...	...	...	
	N	Mn	20 45 18	17	10	...			E	F	23 35 ...	...	...	...	
	E	Mn	20 42 52	19	11	...		Feb. 9	N	e	06 21 ...	...	...	...	Tremors.
	N	F	21 45 ...	...	...	...			E	e	06 18 ...	...	...	...	
	E	F	21 47 ...	...	...	...			N	f	06 29 ...	...	...	...	
Jan. 30	N	Mn	21 35 20	...	...	...	Very feeble. Distant.		E	f	06 36 ...	...	...	...	
	E	Mn	21 34 12	...	...	...		Feb. 9	N,E	eP	09 41 06	...	...	8735	Slight.
	N,E	F	22 15 ...	...	...	...			N,E	S	09 51 06	...	...	...	Epc: 10° S., 144° E.
Feb. 2	N,E	P	15 15 59	...	...	7110	Slight.		N	Mn	10 11 21	30	10	...	Torres Strait (South of British New Guinea).
	N,E	S	15 24 42	...	...	...			E	Mn	10 10 24	33	9	...	

TABLE D 2—contd.

Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.								H. M. S.	Sec.				
					μ	μ	Km.							μ	μ	Km.	
1934.									1934.								
Feb. 9	N	F	10 53 ...	...	...	...	...	Feb. 13	N,E	e	20 39 ...	...	...	...	...	...	Tremors.
	E	F	11 01 ...	...	...	...	...		N	f	21 12 ...	...	...	...	...	...	
									E	f	21 13 ...	...	...	...	...	...	
Feb. 9	N,E	e	11 39 16	...	...	...	...	Feb. 14	N,E	e	01 30 37	...	...	...	...	...	Slight. Near.
	N	Mn	12 17 16	19	3	...	...		N,E	Mn	01 39 17	...	...	...	...	...	
	E	Mn	12 18 16	19	2	...	...		N	F	01 56 ...	...	...	...	...	...	
	N	F	12 50 ...	...	...	...	...		E	F	01 33 ...	...	...	...	...	...	
	E	F	13 03 ...	...	...	...	...	Feb. 14	N,E	iP	04 07 49	...	...	...	...	4700	Great.
Feb. 9	N,E	e	16 35 ...	...	...	...	...		N	ePR <sub>1</sub>	04 09 19	...	...	...	...	...	Epc: 17° 20' N., 119° 20' E. (Manila) China Sea.
	N	f	16 41 ...	...	...	...	...		E	PR <sub>2</sub>	04 09 50	...	...	...	...	...	
	E	f	15 39 ...	...	...	...	...		N,E	iS	04 14 17	...	...	...	...	...	
Feb. 9	N	e	22 56 ...	...	...	...	...		N	iPS	04 14 32	...	...	...	...	...	
	E	e	22 51 ...	...	...	...	...		N,E	iSR <sub>1</sub>	04 17 07	...	...	...	...	...	
	N,E	f	23 15 ...	...	...	...	...		N,E	iSR <sub>2</sub>	04 17 57	...	...	...	...	...	
Feb. 10	N,E	e	04 50 29	...	...	...	...		N,E	L	04 20 31	...	...	...	...	...	
	N,E	e	04 53 18	...	...	...	...		N	Mn	04 30 37	13	232	...	...	...	
	N,E	eL	04 55 22	...	...	...	...		N	F	09 16 ...	...	...	...	...	...	
	N	Mn	04 56 14	...	...	...	...		E	F	09 22 ...	...	...	...	...	...	
	E	Mn	04 56 33	...	...	...	...	Feb. 14	N,E	cP	17 22 57	...	...	...	...	4645	Slight. Probably aftershock of the previous great shock.
	N	F	05 12 ...	...	...	...	...		N,E	cS	17 29 22	...	...	...	...	...	
	E	F	05 08 ...	...	...	...	...		N,E	cL	17 36 34	...	...	...	...	...	
Feb. 11	N,E	e	09 12 02	...	...	...	...		N	Mn	17 42 38	13	3	...	...	...	
	N	Mn	09 22 21	...	...	...	...		E	Mn	17 44 27	13	2	...	...	...	
	E	Mn	09 23 02	...	...	...	...		N	F	18 10 ...	...	...	...	...	...	
	N	F	09 48 ...	...	...	...	...		E	F	18 17 ...	...	...	...	...	...	
	E	F	10 03 ...	...	...	...	...	Feb. 14	N	e	19 28 ...	...	...	...	...	...	Tremors.
Feb. 11	N,E	e	14 59 ...	...	...	...	...		E	e	19 16 ...	...	...	...	...	...	
	N	f	15 07 ...	...	...	...	...		N	f	19 54 ...	...	...	...	...	...	
	E	f	15 05 ...	...	...	...	...		E	f	19 59 ...	...	...	...	...	...	
Feb. 12	N,E	e	04 00 10	...	...	...	...	Feb. 15	N	e	02 36 ...	...	...	...	...	...	Tremors.
	N,E	e	04 03 02	...	...	...	...		E	e	02 30 ...	...	...	...	...	...	
	N,E	eL	04 04 10	...	...	...	...		N,E	f	03 05 ...	...	...	...	...	...	
	N,E	F	04 16 ...	...	...	...	...	Feb. 16	N,E	eP	06 36 00	...	...	...	...	10335	Slight.
Feb. 12	N,E	eP	11 36 14	...	...	...	3240		N,E	eS	06 47 08	...	...	...	...	...	
	N,E	S	11 41 14	...	...	...	...		N	Mn	07 14 48	13	3	...	...	...	
	N,E	L	11 44 50	...	...	...	...		E	Mn	07 14 25	13	3	...	...	...	
	N,E	Mn	11 49 19	11	15	...	...		N	F	07 49 ...	...	...	...	...	...	
	N,E	F	13 21 ...	...	...	...	...		E	F	07 57 ...	...	...	...	...	...	
Feb. 13	N	e	10 03 ...	...	...	...	...	Feb. 16	N	e	07 59 ...	...	...	...	...	...	Tremors.
	N	f	10 14 ...	...	...	...	...		E	e	08 05 ...	...	...	...	...	...	
Feb. 13	N	e	10 31 ...	...	...	...	...		N	f	08 26 ...	...	...	...	...	...	
	E	e	10 29 ...	...	...	...	...		E		08 31 ...	...	...	...	...	...	
	N	f	10 46 ...	...	...	...	...	Feb. 17	N	e	02 54 30	...	...	...	...	...	Slight. Near.
	E		10 45 ...	...	...	...	...		N	e	02 57 30	...	...	...	...	...	
Feb. 13	N,E	e	20 35 ...	...	...	...	...		N	F	03 09 ...	...	...	...	...	...	
	N,E	f	Marked by the following tremors.					Feb. 18	N,E	e	21 12 15	...	...	...	...	...	Slight. Distant.
									N,E	e	21 20 26	...	...	...	...	...	



TABLE D 2—contd.

Date.	Compt.	Phase.	G. M. T.			△	Remarks.	Date.	Compt.	Phase.	G. M. T.			△	Remarks.	
			H. M. S.	Sec.	μ						Km.	H. M. S.	Sec.			μ
1934.			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.		
March 4	N	e	06 12 ...	...	...	...	Slight. Distant.	March 12	N	e	15 25 54	...	...	...	Slight. Distant.	
	E	e	06 12 01	...	...	...			E	e	15 26 06	...	...	...		
	N,E	e	06 19 24	...	...	...			N	Mn	16 23 24	16	7	...		
	N	F	06 35 ...	...	...	...			N	F	17 43 ...	...	...	...		
	E	F	06 42 ...	...	...	...			E	F	16 54 ...	...	...	...		
Mar. 4	E	eP	11 29 23	...	...	8090	Slight.	Mar. 12	N	e	19 24 ...	...	...	...	Tremors.	
	E	iS	11 38 53	...	...	...			N	f	19 47 ...	...	...	...		
	E	Mn	12 03 38	15	8	...			Mar. 13	N	e	13 25 08	...	...	...	Slight. Distant.
	E	F	13 00 ...	...	...	...				E	e	13 25 11	...	...	...	
Mar. 5	N,E	eP	12 00 49	...	...	12780	Great.		N	Mn	14 22 50	15	3	...		
	N	eP <sup>1</sup>	12 04 31	...	...	...	Epc : 42° 7 S., 173° 7 E. (J. S. A.). New Zealand.		N	F	16 27 ...	...	...	...		
	E	eP <sup>1</sup>	12 04 39	...	...	...			E	F	15 52 ...	...	...	...		
	N,E	PR <sub>1</sub>	12 05 39	...	...	...		Mar. 14	N,E	e	10 46 ...	...	...	...	Tremors.	
	E	PR <sub>2</sub>	12 08 16	...	...	...			N	e	11 27 ...	...	...	...		
	N,E	Sc. PcS.	12 11 32	...	...	...			E	f	11 26 ...	...	...	...		
	E	eS	12 13 31	...	...	...		Mar. 15	E	e	11 05 49	...	...	...	Slight. Distant.	
	N,E	PS	12 15 08	...	...	...			N	e	11 06 19	...	...	...		
	N,E	SR	12 21 50	...	...	...			N,E	i	11 15 56	...	...	...		
	N,E	SR <sub>2</sub>	12 26 16	...	...	...			N	Mn	11 49 19	19	5	...		
	N,E	eL	12 41 ...	...	...	...			E	Mn	11 50 37	20	6	...		
	N	Mn	12 52 16	17	148	...			N	F	12 50 ...	...	...	...		
	E	Mn	12 49 46	23	279	...			E	F	13 49 ...	...	...	...		
	N	F	16 48 ...	...	...	...		Mar. 16	E	iP	14 25 21	...	...	8145	Slight.	
	E	F	16 39 ...	...	...	...			N	iP	14 25 25	...	...	...	Epc : 6° S., 142° E., British New Guinea.	
Mar. 6	N	e	15 04 25	...	...	...	Slight. Distant.		N	iS	14 34 55	...	...	...		
	E	i	15 04 25	...	...	...			E	eS	14 34 56	...	...	...		
	N	Mn	15 25 02	22	4	...			N	PS	14 35 55	...	...	...		
	E	Mn	15 25 04	22	4	...			E	PS	14 35 51	...	...	...		
	N	F	15 49 ...	...	...	...			N	F	15 36 ...	...	...	...		
	E	F	16 08 ...	...	...	...			E	F	15 55 ...	...	...	...		
Mar. 7	N,E	e	16 13 ...	...	...	...	Tremors.	Mar. 16	N	e	17 23 47	...	...	...	Slight. Distant.	
	N	f	16 25 ...	...	...	...			E	e	17 23 45	...	...	...		
	E	f	16 24 ...	...	...	...			N	Mn	17 50 06	...	...	...		
Mar. 8	N	Mn	00 29 ...	...	...	...	Seismic activity.		N	F	18 30 ...	...	...	...		
	E	Mn	00 15 ...	...	...	...			E	F	18 39 ...	...	...	...		
Mar. 8	N	e	23 11 ...	...	...	...	Tremors.	Mar. 18	N,E	iP	04 44 52	...	...	7845	Slight.	
	N	f	23 45 ...	...	...	...			N,E	eS	04 54 09	...	...	...	Epc : 47° N., 153° E., Kurile Islands.	
Mar. 9	N,E	e	14 23 05	...	...	...	Slight. Distant.		N,E	iPS	04 54 50	...	...	...		
	N	Mn	14 44 ...	...	...	...			N	eL	05 09 ...	...	...	...		
	E	Mn	14 48 ...	...	...	...			E	eL	05 08 ...	...	...	...		
	N	F	15 12 ...	...	...	...			E	Mn	05 19 24	17	9	...		
	E	F	15 00 ...	...	...	...			N	F	05 41 ...	...	...	...		
Mar. 10	N,E	i	02 12 00	...	...	...	Very feeble. Near.		E	F	05 59 ...	...	...	...		
Mar. 11	N,E	i	19 20 50	...	...	...	Slight. Probably distant.	Mar. 18	N,E	e	07 20 ...	...	...	...	Tremors.	
	N	Mn	19 28 52	8	4	...			N	f	08 14 ...	...	...	...		
	E	Mn	19 29 24	7	1	...			E	f	07 52 ...	...	...	...		
	N	F	19 48 ...	...	...	...										
	E	F	19 44 ...	...	...	...										

TABLE D 2—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.	
1934.								1934.							
Mar. 18	N,E	i	12 40 41	...	...	...	Very feeble. Near	Mar. 20	N,E	e	03 07 35	...	...	...	Slight. Near.
	N	F	13 05 ...	...	...	...			E	Mn	03 09 05	...	...	...	
	E	F	13 19 ...	...	...	...			N	Mn	03 10 30	...	...	...	
Mar. 18	E	e	22 24 ...	...	...	...	Very feeble. Near.		E	F	03 18 ...	...	...	...	
	N,E	o	22 27 52	...	...	...			N	F	03 23 ...	...	...	...	
	E	F	22 44 ...	...	...	...		Mar. 29	N,E	iP	20 15 09	...	...	5010	Slight. Reported to be destructive in the Balkans. L-waves not well-marked.
	N	F	22 45 ...	...	...	...			N	i	20 17 12	...	...	...	
Mar. 18	N,E	e	22 48 57	...	...	...	Feeble. Near.		N,E	iS	20 21 53	...	...	...	
	N,E	i	22 52 55	...	...	...			N	F	20 44 ...	...	...	...	
	N	F	23 12 ...	...	...	...			E	F	20 52 ...	...	...	...	
	E	F	23 21 ...	...	...	...		Mar. 31	E	Mn	18 44 11	...	...	...	Seismic activity.
Mar. 19	N,E	iP	03 33 06	...	...	2345	Slight.		N	Mn	18 44 23	...	...	...	
	N,E	iS	03 36 59	...	...	...		Apr. 2	N	i	05 16 58	...	...	...	Feeble. Distant.
	E	F	04 26 ...	...	...	...			E	Mn	05 33 14	22	2	...	
	N	F	04 27 ...	...	...	...		Apr. 2	N,E	e	10 51 ...	...	...	...	Tremors.
Mar. 20	N,E	P	02 50 31	...	...	8545	Slight.		N,E	f	11 09 ...	...	...	...	
	E	PR <sub>1</sub>	02 53 30	...	...	...	Epc: 7° S., 145° E., British New Guinea.	Apr. 3	E	e	08 43 ...	...	...	...	Slight. Distant.
	N,E	eS	03 00 22	...	...	...			N	e	08 44 ...	...	...	...	
	N	PS	03 00 56	...	...	...			N	f	09 41 ...	...	...	...	
	N,E	SR <sub>1</sub>	03 05 31	...	...	...			E	f	10 08 ...	...	...	...	
	E	Mn	03 27 26	18	3	...		Apr. 3	E	Mn	19 10 19	...	...	...	Seismic activity.
	N	F	04 41 ...	...	...	...		Apr. 3	N,E	iP	22 43 23	...	...	6880	Slight.
	E	F	05 38 ...	...	...	...			N,E	iS	22 51 51	...	...	...	Epc: 23° 5 N., 138° 5 E. Southwest of Volcano Islands (Pacific).
Mar. 20-21	E	e	20 46 ...	...	...	...	Seismic activity.		N	F	23 33 ...	...	...	...	
	E	f	01 34 ...	...	...	...		Apr. 4	E	F	23 35 ...	...	...	...	
Mar. 22	N	Mn	21 00 16	...	...	...	Seismic activity.		N	e	21 05 ...	...	...	...	Tremors.
	E	Mn	21 00 19	...	...	...			E	e	21 06 ...	...	...	...	
Mar. 23	E	Mn	08 38 01	...	...	...	Seismic activity.		E	f	21 14 ...	...	...	...	
	N	Mn	08 38 13	...	...	...			N]	f	21 17 ...	...	...	...	
Mar. 24	N,E	P	12 17 37	...	...	10220	Moderate.	Apr. 5	N,E	e	10 46 24	...	...	...	Slight. Near.
	E	PR <sub>1</sub>	12 21 16	...	...	...	Epc: 9° 3 S., 161° 5 E. (U. S. C. G. S.) Solomon Islands.		N,E	i	10 48 32	...	...	...	
	E	PR <sub>2</sub>	12 23 19	...	...	...			E	Mn	10 51 01	9	3	...	
	E,N	ScPcS	12 28 01	...	...	...			N	Mn	10 51 19	7	5	...	
	N,E	iS	12 28 58	...	...	...			N	F	11 07 ...	...	...	...	
	N,E	iPS	12 29 58	...	...	...			E	F	11 13 ...	...	...	...	
	N,E	PPS	12 30 35	...	...	...		Apr. 5	N,E	e	11 26 ...	...	...	...	Tremors.
	N,E	SR <sub>1</sub>	12 34 50	...	...	...			N	f	11 33 ...	...	...	...	
	E	SR <sub>2</sub>	12 38 43	...	...	...			E	f	11 35 ...	...	...	...	
	E	eL	12 48 ...	...	...	...		Apr. 6	N,E	P	19 19 57	...	...	6690	Slight.
	N	eL	12 50 ...	...	...	...			N,E	eS	19 28 17	...	...	...	Epc: 37° 1 N., 141° 5 E. Tokyo. (Japan Sea).
	E	Mn	13 10 35	18	14	...			N,E	PS	19 28 49	...	...	...	
	N	Mn	13 13 13	...	...	...			N,E	SR <sub>1</sub>	19 32 22	...	...	...	
	N	F	16 17 ...	...	...	...			N	eL	19 39 ...	...	...	...	
	E	F	16 52 ...	...	...	...			E	eL	19 40 ...	...	...	...	
Mar. 25	N	e	12 50 ...	...	...	...	Tremors.		N	F	20 15 ...	...	...	...	
	E	e	12 48 ...	...	...	...			E	F	20 40 ...	...	...	...	
	E	f	13 05 ...	...	...	...						...	...	...	
	N	f	13 09 ...	...	...	...						...	...	...	

TABLE D 2—contd.

Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.								H. M. S.	Sec.				
							Km.										
1934.									1934.								
Apr. 8	N,E	i	20 59 45	...	...	...	...	Feeble. Near.	Apr. 12	N	F	10 04 ..	...	...	...	...	
	N	i	21 07 ...	...	...	...	...	Felt locally at Bha-		E	F	10 16 ...	...	...	...	...	
	E	f	21 08 ...	...	...	...	...	galpur and Raxaul.	Apr. 13	N,E	e	04 46 38	...	...	...	...	Feeble. Near.
Apr. 9	N	e	15 49 50	...	...	...	...	Slight. Very distant.		N,E	i	04 48 10	...	...	...	...	
	E	e	15 50 03	...	...	...	...			N	F	04 58 ...	...	...	...	...	
	E	Mn	16 51 05	23	4	...	...			E	F	04 59 ...	...	...	...	...	
	N	Mn	16 51 10	21	4	...	...		Apr. 13	N,E	e	19 54 ...	...	...	...	...	Feeble. Distant.
	N	F	17 52 ...	...	...	...	...			N	F	20 17 ...	...	...	...	...	
	E	F	18 03 ...	...	...	...	...			E	F	20 18 ...	...	...	...	...	
Apr. 10	E	e	06 53 ...	...	...	...	...	Tremors.	Apr. 13	N,E	e	22 45 ...	...	...	...	...	Very feeble. Near.
	E	f	07 12 ...	...	...	...	...			N,E	f	22 51 ...	...	...	...	...	Felt locally at Dar-
Apr. 10	N,E	iP	10 31 52	...	...	5400	...	Moderate.									bhanga.
	N,E	PR <sub>1</sub>	10 33 44	...	...	...	...	Epc: 5° S., 114° 5 E.	Apr. 13	N	e	23 10 ...	...	...	...	...	Very feeble. Near.
	N,E	S	10 38 59	...	...	...	...	South of Borneo.		E	e	23 11 ...	...	...	...	...	
	N,E	PS	10 39 24	...	...	...	...			N	f	23 16 ...	...	...	...	...	
	E	SR <sub>2</sub>	10 43 31	...	...	...	...			E	f	23 18 ...	...	...	...	...	
	N,E	L	10 46 44	...	...	...	...		Apr. 14	N	eP	01 33 27	...	...	1145	...	Slight.
	E	Mn	10 53 49	15	12	...	...			N,E	S	01 35 34	...	...	...	...	Epc: 29° N., 75° 5 E.
	N	Mn	10 55 23	15	10	...	...			N,E	S	01 36 23	...	...	...	...	South-East Punjab.
	N	F	12 34 ...	...	...	...	...			N	F	01 48 ...	...	...	...	...	Felt locally at Delhi.
	E	F	12 43 ...	...	...	...	...			E	F	01 49 ...	...	...	...	...	
Apr. 11	N	e	08 05 ...	...	...	...	...	Tremors.	Apr. 15	N,E	i	10 43 41	...	...	...	...	Feeble. Distant.
	N	f	08 35 ...	...	...	...	...			N,E	e	10 51 55	...	...	...	...	
Apr. 11	N	e	10 08 ...	...	...	...	...	Tremors.		N,E	F	11 24 ...	...	...	...	...	
	E	e	10 07 ...	...	...	...	...		Apr. 15	N,E	Mn	15 42 23	...	...	...	...	Seismic activity.
	N	f	10 27 ...	...	...	...	...										
	E	f	10 31 ...	...	...	...	...		Apr. 15-16.	N,E	P	22 24 36	...	...	5720	...	Beginning of P in
Apr. 11	E	e	21 26 19	...	...	11110	...	Slight.		N,E	PR <sub>1</sub>	22 26 38	...	...	...	...	minute break.
	E	PR <sub>1</sub>	21 29 25	...	...	...	...	Epc: 12° S., 167° E.,		N,E	iS	22 32 01	...	...	...	...	Moderate. Epc:
	E	PR <sub>2</sub>	21 31 45	...	...	...	...	Charlotte Islands.		N,E	iPS	22 32 36	...	...	...	...	7° N., 124° E., South
	N,E	ScPcS	21 36 00	...	...	...	...			N	SR <sub>1</sub>	22 35 31	...	...	...	...	of Mindanao Island.
	N,E	ScPc PcS	21 36 46	...	...	...	...			N,E	SR <sub>2</sub>	22 37 06	...	...	...	...	
	N,E	S	21 37 06	...	...	...	...			N,E	L	22 40 29	...	...	...	...	
	N,E	SR <sub>1</sub>	21 44 14	...	...	...	...			E	Mn	22 50 14	18	88	...	...	
	N	F	23 08 ...	...	...	...	...			N	Mn	22 53 18	16	41	...	...	
	E	F	23 34 ...	...	...	...	...			N	F	02 15 ...	...	...	...	...	
Apr. 12	N,E	eP	03 28 58	...	...	4920	...	Slight.	Apr. 16	N,E	eP	04 08 41	...	...	6135	...	Slight.
	N,E	S	03 35 39	...	...	...	...	Epc: 17° N., 118° E.,		E	PR <sub>1</sub> (?)	04 10 50	...	...	...	...	Epc: 7° 5 N., 127° E.,
	N	Mn	03 48 19	14	3	...	...	West of Philippine		N,E	cS	04 16 29	...	...	...	...	Mindanao Island.
	E	Mn	03 52 07	15	3	...	...	Islands.		N,E	PS	04 17 12	...	...	...	...	
	N	F	04 18 ...	...	...	...	...			E	SR <sub>1</sub>	04 20 41	...	...	...	...	
	E	F	04 33 ...	...	...	...	...			E	cL	04 26 ...	...	...	...	...	
Apr. 12	N,E	eP	09 16 00	...	...	2690	...	Slight.		N	Mn	04 33 58	...	...	...	...	
	N,E	S	09 20 21	...	...	...	...	Epc: 27° N., 99° 5 E.,		E	Mn	04 34 11	16	3	...	...	
	N,E	L	09 24 ...	...	...	...	...	North Burma.		N	F	05 20 ...	...	...	...	...	
	N	Mn	09 29 26	8	3	...	...			E	F	05 25 ...	...	...	...	...	
	E	Mn	09 32 16	10	2	...	...										

TABLE D 2—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.	
1984.								1984.							
Apr. 16	N	e	13 48 53	...	...	...	Slight. Distant.	Apr. 26	N,E	e	08 16 ...	...	...	...	Feeble. Very distant.
	N,E	e	13 55 45	...	...	...			E	Mn	08 55 13	...	...	...	
	N	Mn	14 09 15	12	2	...			N	Mn	09 02 13	...	...	...	
	E	Mn	14 12 16	15	1	...			E	F	09 48 ...	...	...	...	
	N	F	14 33 ...	...	...	...			N	F	09 49 ...	...	...	...	
	E	F	14 36 ...	...	...	...		Apr. 26	N	e	13 48 59	...	...	...	Slight. Distant.
								E	i						
Apr. 19	N,E	i	16 23 02	...	...	...	Slight. Distant.		N,E	i	13 56 06	...	...	...	
	N,E	i	16 30 40	...	...	...			E	Mn	14 17 23	19	5	...	
	N,E	i	16 33 16	...	...	...			N	F	14 47 ...	...	...	...	
	N	F	16 56 ...	...	...	...			E	F	15 05 ...	...	...	...	
	E	F	17 02 ...	...	...	...		Apr. 26	N	i	21 24 40	...	...	...	Feeble.
Apr. 19	N,E	e(?)	23 29 05	...	...	...	Slight. Near.		N	F	22 54 ...	...	...	...	
	N	Mn	23 37 19	10	2	...		Apr. 27	N,E	e	21 05 32	...	...	...	Slight. Very distant.
	E	Mn	23 36 12	11	2	...			N,E	i	21 11 39	...	...	...	
Apr. 19-20.	N,E	i	23 50 42	...	...	...	Probably feeble, near shock.		N	Mn	21 58 54	16	4	...	
	N	F	23 59 ...	...	...	...	Seismic activity.		E	Mn	21 50 48	17	3	...	
	E	F	00 10 ...	...	...	...	Tremors.		N	F	23 14 ...	...	...	...	
Apr. 21	N,E	Mn	06 52 28	...	...	...			E	F	Uncertain due to wandering s of zero.				
Apr. 23	N	e	04 51 ...	...	...	...		Apr. 28	N	e	15 20 27	...	...	...	Slight. Distant.
	E	e	04 53 ...	...	...	...		E	i						
	N	f	05 04 ...	...	...	...			N	i	15 30 06	...	...	...	
	E	f	05 07 ...	...	...	...			E	i	15 30 31	...	...	...	
Apr. 24	E	iP	02 09 28	...	...	6665	Slight.		N	F	16 33 ...	...	...	...	
	E	PR <sub>1</sub>	02 11 51	...	...	...	N-beginning lost in shifting paper.		E	F	16 35 ...	...	...	...	
	E	PR <sub>2</sub>	02 12 51	...	...	...	Epc: 4° S., 128° E.	Apr. 30	N	e	12 30 ...	...	...	...	Tremors.
	N,E	18	02 17 50	...	...	...	Banda Sea.		E	e	12 31 ...	...	...	...	
	N	F	02 45 ...	...	...	...			N	f	12 40 ...	...	...	...	
	E	F	03 03 ...	...	...	...			E	f	12 42 ...	...	...	...	
Apr. 24	E	e	17 57 ...	...	...	...	Feeble. Distant.	Apr. 30	N,E	e	15 31 ...	...	...	...	Tremors.
	N	e	18 00 ...	...	...	...			N		15 47 ...	...	...	...	
	N,E	f	19 27 ...	...	...	...			E		15 49 ...	...	...	...	
Apr. 24	E	e	20 36 ...	...	...	...	Tremors.	May 1	N,E	iP	03 42 56	...	...	811	Slight.
	N	e	20 37 ...	...	...	...			N,E	P*	03 43 17	...	...	...	
	N,E	f	20 47 ...	...	...	...			N,E	P̄	03 43 43	...	...	...	
Apr. 25	N,E	i	05 21 36	...	...	...	Slight.		N,E	S	03 44 26	...	...	...	Epc: 25° 5 N., 69° E. Sind. Felt locally at Larkana, Dadu, Mehar, Sehwan and Kakar.
	N	i	05 22 28	...	...	...			N,E	S̄	03 45 15	...	...	...	
	E	F	05 37 ...	...	...	...			N	Mn	03 46 12	...	...	...	
	N	F	05 39 ...	...	...	...			E	Mn	03 46 15	6	10	...	
Apr. 25	N	e	07 46 ...	...	...	...	Tremors.		N	F	04 24 ...	...	...	...	
	N	f	08 18 ...	...	...	...			E	F	04 39 ...	...	...	...	
Apr. 26	E	e	05 49 ...	...	...	...	Feeble. Very distant.	May 1	N,E	iP	07 10 45	...	...	2300	Slight.
	N	e	05 55 ...	...	...	...			N,E	PR <sub>2</sub>	07 11 18	...	...	...	Epc: 10° N. 98° E. South of Andaman Islands.
	E	Mn	06 35 03	...	...	...			N,E	S	07 14 35	...	...	...	
	N	Mn	06 36 21	...	...	...			N,E	SR <sub>1</sub>	07 15 18	...	...	...	
	N	F	07 14 ...	...	...	...			N,E	L	07 16 18	...	...	...	
	E	F	07 15 ...	...	...	...			E	Mn	07 17 39	8	13	...	
									N	Mn	07 18 07	6	16	...	







TABLE D 2—cont'd.

Date.	Compt.	Phase.	G.M.T.			△	Remarks.	Date.	Compt.	Phase.	G.M.T.			△	Remarks.
			H.	M.	S.						Period.	Amplitude.	H.		
				Sec.	μ	Km.						Sec.	μ	Km.	
1934.															
June 13	N,E	S	02 10 17	...	...	...	Epc: 43° 8' N., 146° 8' E. (Tokyo), Japan.	June 26	E	Mn	09 16 21	...	...	...	Seismic activity.
	N,E	PS	02 10 40	...	...	...			N	Mn	09 16 48	...	...	...	
	N,E	SR <sub>1</sub>	02 14 38	...	...	...									
	N,E	SR <sub>2</sub>	02 16 41	...	...	...									
	N,E	eL	02 22 ...	...	...	...		June 29	N,E	P	08 33 54	...	...	5135	Moderate.
	N	F	03 16 ...	...	...	...			N,E	PR <sub>2</sub>	08 36 13	...	...	...	
	E	F	03 24 ...	...	...	...			N,E	iS	08 40 46	...	...	...	I-Waves not well-developed.
June 13-14.	N,E	iP	22 13 24	...	...	1445	Great.		N,E	SR <sub>1</sub>	08 44 39	...	...	...	Epc: 1° N., 115° 5' E., Borneo.
	N,E	ePR <sub>1</sub>	22 13 37	...	...	...	Epc: 30° N., 64° E. South Afghanistan. Felt locally at Dera Ismail Khan, Gwador, Dada and Rawalpindi.		N,E	F	Masked by microseisms.	...	...	...	
	N,E	P* (?)	22 14 12	...	...	...		June 30	N	Mn	12 52 37	...	...	...	Seismic activity.
	N,E	eP	22 14 46	...	...	...			E	Mn	12 55 17	...	...	...	
	N,E	iS	22 15 59	...	...	...									
	N,E	eSR <sub>1</sub>	22 16 25	...	...	...		July 3	N	Mn	09 00 51	...	...	...	Slight. Near. Felt locally at Drosh.
	N	L	22 17 08	...	...	...			E	Mn	09 00 59	...	...	...	
	N	Mn	22 20 01	13	134	...									
	E	Mn	22 18 31	14	199	...		July 4	E	e	02 40 0	...	...	...	Tremors.
	N	F	00 24 ...	...	...	...			E	f	02 56 0	...	...	...	
	E	F	00 21 ...	...	...	...									
June 16	N	Mn	20 22 14	...	...	...	Very feeble. Near. Felt locally at Gauhati, Salona, Cooch Behar, Dhubri and Shillong.	July 6-7	N,E	PR <sub>1</sub>	23 09 01	...	...	12700	Slight.
	E	Mn	20 22 27	...	...	...			N,E	ScPc PcS	23 15 56	...	...	...	Beginning masked by microseisms.
June 18	N,E	Mn	10 10 02	...	...	...	Seismic activity.		N,E	PS	23 18 38	...	...	...	Epc: 42° N., 126° W. (U. S. C. G. S.), Pacific Ocean off southern Oregon.
June 20	N,E	P	09 20 07	...	...	2565	Slight.		N,E	SR <sub>1</sub>	23 25 01	...	...	...	
	N,E	PR <sub>1</sub>	09 20 34	...	...	...			N,E	SR <sub>2</sub>	23 29 21	...	...	...	
	N,E	S	09 24 18	...	...	...			N,E	eL	23 14 0	...	...	...	
	N,E	SR <sub>1</sub>	09 25 15	...	...	...			E	Mn	23 50 50	25	13	...	
	E	L	09 26 24	...	...	...			N	Mn	23 50 58	24	14	...	
	N,E	F	Mixed up with microseisms.	...	...	...			N	F	01 15 0	...	...	...	
				...	...	...			E	F	01 24 0	...	...	...	
June 23	N	eP	05 25 00	...	...	2500	Moderate.	July 7	E	Mn	15 42 31	...	...	...	Seismic activity.
	N	iS	05 29 06	...	...	...									
	N	iL	05 31 10	...	...	...	Epc: 32° N., 92° 5' E. (Tibet).	July 12	E	Mn	10 36 13	...	...	...	Seismic activity.
	N	Mn	05 33 10	10	36	...									
	N	F	Mixed with microseisms.	...	...	...		July 12	N,E	e	14 35 57	...	...	...	Very feeble.
June 24	N,E	iP	06 19 25	...	...	15480	Moderate. Epc: 23° S., 68° W (U. S. C. G. S.) Argentine.		N,E	i	14 40 42	...	...	...	
	E	PR <sub>1</sub>	06 22 13	...	...	...			E	Mn	14 50 34	15	2	...	
	E	ScPcP	06 22 41	...	...	...			N	Mn	14 52 04	...	...	...	
	N,E	ScPc PcS	06 28 44	...	...	...			N,E	F	Mixed up with microseisms.	...	...	...	
	E	PScPcS	06 32 21	...	...	...		July 15	N,E	eS	02 13 35	...	...	...	Feeble.
	E	PPS	06 36 13	...	...	...			N,E	iL	02 15 03	...	...	...	Felt locally at Mymensingh, Dhubri, Cooch Behar, Shillong and Gauhati.
	N	SR <sub>1</sub>	06 40 59	...	...	...			N,E	F	Masked by microseisms.	...	...	...	
	E	SR <sub>1</sub>	06 41 21	...	...	...									
	E	SR <sub>2</sub>	06 46 17	...	...	...		July 18	N,E	P	01 55 57	...	...	16380	Great.
	E	eL	07 08 ...	...	...	...			N,E	PR <sub>1</sub>	01 59 20	...	...	...	Epc: 8° 2' N., 82° 5' W. (J. S. A.) Panama. Destructive at David city and Puerto Armuelles.
	E	Mn	07 21 23	20	20	...			E	PR <sub>2</sub>	02 02 28	...	...	...	
	N	Mn	07 23 13	19	10	...			N,E	ScPc PcS	02 06 07	...	...	...	
	N,E	F	Masked by microseisms.	...	...	...			N,E	P ScPcS	02 09 35	...	...	...	
June 25	E	Mn	16 13 59	...	...	...	Seismic activity.		N,E	PPS	02 12 12	...	...	...	
	N	Mn	16 14 08	...	...	...			N,E	SR <sub>1</sub>	02 18 32	...	...	...	

TABLE D 2—contd.

Date.	Compt.	Phase.	G.M.T.		Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G.M.T.		Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.								H. M. S.	Sec.				
1934.									1934.								
July 18	N,E	SR	02 24 02	...	...	...			July 19	N,E	i	06 10 21	...	...	...		Slight. Distant.
	N	Mn	03 06 42	21	47	...				E	Mn	06 49 30	21	5	...		
	E	Mn	03 03 00	23	84	...				N	Mn	06 53 13	17	3	...		
	N	F	06 29 ...	...	...	...				N	F	07 34 ...	...	...	...		
	E	F	06 30 ...	...	...	...				E	F	07 36 ...	...	...	...		
July 18	N,E	Mn	08 42 28	...	...	...		Seismic activity.	July 19	N,E	P	07 50 43	...	...	11090		Slight. Aftershock of the great earthquake of July 18 in New Hebrides.
July 18	N,E	Mn	16 46 51	...	...	...		Seismic activity.		N,E	ScPcS	08 01 13	...	...	...		
July 18	N,E	P	17 19 16	...	...	16420		Slight.		N	ScPc PcS	08 01 54	...	...	...		
	N,E	PR <sub>1</sub>	17 22 44	...	...	...		Aftershock of the great Panama Earthquake of the 18th.		N,E	PS	08 03 36	...	...	...		
	N,E	PR <sub>2</sub>	17 26 14	...	...	...				N	SR <sub>1</sub>	08 09 13	...	...	...		
	E	P ScPcS	17 32 57	...	...	...				E	eL	08 26 0	...	...	...		
	N,E	SR <sub>1</sub>	17 41 28	...	...	...		Epc: 8°·2 N., 82°·2 W. (J. S. A.)		E	Mn	08 46 36	19	9	...		
	N,E	SR <sub>2</sub>	17 47 06	...	...	...				N	Mn	08 51 13	17	9	...		
	N	Mn	18 33 21	23	9	...				N	F	10 30 0	...	...	...		
	E	Mn	18 35 53	20	9	...			July 19	N,E	i	23 21 57	...	...	...		Seismic activity.
	N	F	19 33 ...	...	...	...				N,E	F	23 31 0	...	...	...		
	E	F	19 43 ...	...	...	...			July 20	N	Mn	03 05 30	...	...	...		Seismic activity.
July 18-19.	N,E	iP	19 53 58	...	...	10910		Great.		E	Mn	03 06 00	...	...	...		
	E	e (?)	19 57 08	...	...	...		Epc: 16°·8 S., 16°·7 E. (J. S. A.). New Hebrides.	July 20	N,E	i	19 13 01	...	...	...		Feeble. Distant.
	N,E	P (?)	19 57 38	...	...	...				E	Mn	19 48 30	16	3	...		
	N,E	PR <sub>2</sub>	20 00 06	...	...	...				N	Mn	20 00 34	15	3	...		
	N,E	ScPc PcS	20 05 02	...	...	...				N	F	20 40 0	...	...	...		
	N,E	PS	20 06 38	...	...	...				E	F	20 45 0	...	...	...		
	N,E	PPS	20 07 20	...	...	...			July 21	N	eP	06 32 26	...	...	11100		Moderate.
	N,E	SR <sub>1</sub>	20 12 13	...	...	...				N	iPR <sub>1</sub>	06 36 13	...	...	...		Epc: 18°·2 S., 164° E. (J. S. A.). Near New Hebrides of Islands. E-out of order.
	N,E	SR <sub>2</sub>	20 16 09	...	...	...				N	ScPcS	06 43 00	...	...	...		
	N	eL	20 27 58	...	...	...				N	ScPc PcS	06 43 37	...	...	...		
	E	eL	20 27 35	...	...	...				N	SR <sub>1</sub>	06 51 05	...	...	...		
	E	Mn	20 41 21	21	99	...				N	SR <sub>2</sub>	06 55 00	...	...	...		
	N	Mn	20 45 12	19	99	...				N	eL	07 08 0	...	...	...		
	N	F	00 10 ...	...	...	...				N	Mn	07 30 13	19	58	...		
	E	F	00 11 ...	...	...	...				N	F	10 25 0	...	...	...		
July 19	E	e	00 20 21	...	...	...		Slight. Very distant.	July 21	N	P	10 58 43	...	...	16220		Slight. Epc: Aftershock of the great Panama Earthquake of 18. E.—Out of order.
	E	i	00 31 02	...	...	...				N	PR <sub>1</sub>	11 01 43	...	...	...		
	E	Mn	00 57 30	...	...	...		Mixed up with the following shock.		N	ScPcP	11 02 13	...	...	...		
July 19	N,E	P	01 37 58	...	...	6655		Moderate.		N	ScPc PcS	11 08 58	...	...	...		
	N,E	PR <sub>1</sub>	01 40 19	...	...	...				N	P ScPcS	11 12 20	...	...	...		
	E	PR <sub>2</sub>	01 41 22	...	...	...		Epc: 1° S., 129°·5 E. Southeast of Malucca Islands.		N	PPS	11 15 00	...	...	...		
	N,E	IS	01 46 16	...	...	...				N	SR <sub>1</sub>	11 20 35	...	...	...		
	N,E	PS	01 46 47	...	...	...				N	SR <sub>2</sub>	11 26 56	...	...	...		
	E	SR <sub>1</sub>	01 50 22	...	...	...				N	eL	11 48 ...	...	...	...		
	N,E	L	01 57 ...	...	...	...				N	Mn	12 33 05	18	5	...		
	E	Mn	02 10 35	19	21	...				N	F	13 22 ...	...	...	...		
	N	F	04 29 ...	...	...	...			July 22	N	Mn	04 09 30	16	4	...		Seismic activity.
	E	F	04 39 ...	...	...	...									...		

TABLE D 2—contd.

Date.	Compt.	Phase.	G.M.T.			△	Remarks.	Date.	Compt.	Phase.	G.M.T.			△	Remarks.
			H. M. S.	Sec.	μ						Km.	H. M. S.	Sec.		
1934.															
July 22	N	P	20 00 50	...	...	1745	Slight.	Aug. 4	E	i	13 19 54	...	...	...	Feeble. Distant.
	N	PR <sub>1</sub>	20 01 01	...	...	...	Epc: 34°N., 71°E. Felt at Srinagar, Gulmarg, Gilgit, Dras, Drosh, Cherut, Peshawar, Rawalpindi, Sialkot, Lahore, Delhi, Amritsar and Dera Ismail Khan. E.—out of order.		N,E	i	13 24 08	...	...	...	
	N	P*	20 01 45	...	...	...			N,E	i	13 29 30	...	...	...	
	N	P(?)	20 02 38	...	...	...			N,E	F	14 22 ...	...	...	...	
	N	S	20 03 53	...	...	...									
	N	SR <sub>1</sub>	20 04 27	...	...	...		Aug. 7	N,E	iP	03 53 43	...	...	10810	Slight.
	N	i	20 04 53	...	...	...			E	e(?)	03 56 38	...	...	...	Epc: 16° S. 163° E. West of New Hebrides Islands.
	N	L(?)	20 05 23	...	...	...			N,E	PR <sub>2</sub>	03 59 46	...	...	...	
	N	F	Masked by microseisms.			...			N,E	ScPcS	04 04 19	...	...	...	
July 28	E	P	02 11 26	...	...	2355	Slight.		E	PS	04 06 23	...	...	...	
	N,E	iS	02 15 20	...	...	...	P lost in N-S component in shifting paper. Epc: 35° N., 87° E. Tibet.		N	PPS	04 06 59	...	...	...	
	E	SR <sub>1</sub>	02 16 18	...	...	...			N,E	SR <sub>1</sub>	04 11 49	...	...	...	
	N,E	iL	02 17 37	...	...	...		N,E	SR <sub>2</sub>	04 15 49	...	...	...		
	E	Mn	02 20 52	9	8	...		E	Mn	04 44 27	18	9	...		
	N	Mn	02 21 22	7	6	...		N	Mn	04 49 08	19	10	...		
	N,E	F	Mixed up with microseisms.			...		N	F	06 31 ...	...	...	...		
								E	F	06 51 ...	...	...	...		
July 28-29.	E	P	21 50 25	...	...	10690	Moderate.	Aug. 7	N,E	e	12 00 49	...	...	...	Slight. Near.
	E	PR	21 54 08	...	...	...	N—out of order.		E	i	12 03 54	...	...	...	
	E	PR	21 56 25	...	...	...	Epc: 55° 1' N., 154° 8' W. (J. S. A.) South of Alaska.		N,E	eL(?)	12 05 30	...	...	...	
	E	ScPcS	22 00 54	...	...	...			N	Mn	12 08 36	11	13	...	
	E	PS	22 02 58	...	...	...		E	Mn	12 08 30	13	11	...		
	E	SR <sub>1</sub>	22 08 30	...	...	...		N,E	F	Mixed up with microseisms.					
	E	eL	22 23 30	...	...	...									
	E	Mn	22 36 28	23	53	...		Aug. 9	N,E	i	19 56 24	...	...	...	Slight.
	E	F	00 36 ...	...	...	...		N	F	20 57 ...	...	...	...		
								E	F	20 59 ...	...	...	...		
July 30	N	i	03 38 ...	...	...	...	Slight.	Aug. 11	N,E	P	08 26 43	...	...	5045	Slight.
	E	Mn	03 44 25	...	...	...			N,E	S	08 33 30	...	...	...	Epc: 24° 7' N., 121° 7' E. (Manila, Formosa) Islands.
	N,E	F	Masked by microseisms.			...			N,E	SR <sub>2</sub>	08 37 26	...	...	...	
July 31	N,E	i	06 13 28	1	1	...	Seismic activity.		N	Mn	08 45 11	15	21	...	
	N,E	F	Masked by microseisms.			...			E	Mn	08 45 20	15	12	...	
								N,E	F	Masked by microseisms.					
July 31	N,E	i	11 09 17	...	...	...	Seismic activity.	Aug. 11	E	e	12 10 ...	...	...	...	Slight. Distant.
	N	Mn	11 15 27	...	...	...			N,E	i	12 20 11	...	...	...	
	E	Mn	11 14 20	...	...	...			E	Mn	12 48 27	15	3	...	
									N	F	13 22 ...	...	...	...	
									E	F	13 30 ...	...	...	...	
July 31	N,E	P	11 55 07	...	...	2955	Slight.	Aug. 12-13.	N,E	iP	23 58 37	...	...	5865	Moderate.
	N,E	PR <sub>1</sub>	11 55 44	...	...	...	Epc: 5° N., 96° E. North Sumatra.		E	PR <sub>1</sub>	00 00 41	...	...	...	Epc: 7° 6' N., 126° 2' E. (J. S. A.).
	N,E	PR <sub>2</sub>	11 56 04	...	...	...			N	PR <sub>2</sub>	00 01 40	...	...	...	Mindanao Islands.
	N,E	S	11 59 47	...	...	...			N	S	00 06 12	...	...	...	
	N,E	SR <sub>1</sub>	12 01 01	...	...	...			E	S	00 06 08	...	...	...	
	N,E	eL	12 03 ...	...	...	...			N,E	PS	00 06 44	...	...	...	
	N	Mn	12 06 20	...	...	...			N,E	SR <sub>1</sub>	00 09 44	...	...	...	
	E	Mn	12 06 31	17	6	...			N,E	SR <sub>2</sub>	00 11 14	...	...	...	
	N,E	F	Masked by microseisms.			...			N	L	00 15 ...	...	...	...	
Aug. 2	N	Mn	08 12 18	...	...	...	Seismic activity.		E	L	00 15 26	...	...	...	
	E	Mn	08 13 ...	...	...	...			E	Mn	00 24 18	17	47	...	

TABLE D 2—contd.

Date.	Compt.	Phase.	G.M.T.			△	Remarks.	Date.	Compt.	Phase.	G.M.T.			△	Remarks.
			H. M. S.	Sec.	μ.						Km.	H. M. S.	Sec.		
1934.															
Aug. 12-13	N	Mn	00 29 08	16	16	...		Aug. 31	N,E	SR <sub>1</sub>	15 06 54	...	...	...	
	N	F	01 30 ...	...	...	...			N,E	L	15 07 51	...	...	...	
	E	F	01 45 ...	...	...	...			E	Mn	15 08 41	8	30	...	
Aug. 18	N	Mn	03 14 ...	...	...	...	Seismic activity.		N	Mn	15 10 37	8	36	...	
	E	Mn	03 17 23	...	...	...			N	F	16 57 ...	...	...	...	
									E	F	17 ...	...	...	...	
Aug. 21	N,E	e	19 32 54	...	...	3890	Slight. △ from (S <sub>1</sub> SR <sub>2</sub> ) interval. Epc: South Sumatra's West Coast (Batavia).	Aug. 31	N	e	17 54 ...	...	...	...	Tremors.
	N,E	S	19 37 40	...	...	...			E	e	17 55 ...	...	...	...	
	N,E	SR <sub>2</sub>	19 40 01	...	...	...			N	f	18 07 ...	...	...	...	
	E	Mn	19 45 24	17	9	...			E	f	18 05 ...	...	...	...	
	N	Mn	19 47 09	15	7	...									
	N,E	F	Masked by microseisms.					Sept. 1	N	e	08 21 ...	...	...	...	Tremors.
									E	e	08 24 ...	...	...	...	
Aug. 22	N,E	e	10 41 ...	...	...	...	Seismic activity.		N	f	08 43 ...	...	...	...	
	N	f	10 55 ...	...	...	...			E	f	08 40 ...	...	...	...	
	E	f	10 53 ...	...	...	...		Sept. 1	N,E	e	12 40 ...	...	...	...	Feeble. Near
Aug. 23-24	E	i	23 54 39	...	...	...	Slight. Distant.		E	i	12 42 12	...	...	...	
	N,E	i	00 12 59	...	...	...			N	Mn	12 44 27	...	...	...	
	E	Mn	00 57 16	15	2	...			N	F	12 56 ...	...	...	...	
	N	Mn	01 01 ...	...	...	...			E	F	12 54 ...	...	...	...	
	N,E	F	01 30 ...	...	...	...		Sept. 3	N	e	10 23 56	...	...	...	Feeble. Near.
Aug. 26	N,E	i	17 41 13	...	...	...	Slight. Distant.		E	i	10 27 40	...	...	...	
	E	Mn	17 53 15	...	...	...			N	Mn	10 33 59	...	...	...	
	N	Mn	17 54 16	...	...	...			N	F	10 46 ...	...	...	...	
	N	F	18 10 ...	...	...	...			E	F	10 48 ...	...	...	...	
	E	F	18 17 ...	...	...	...		Sept. 4	E	e	16 49 14	...	...	...	Feeble. Distant.
Aug. 29	N,E	i	03 48 13	...	...	...	Feeble. Beginning doubtful. Felt locally at Shambalpur, Muzaffarpur and Benares.		N,E	i	16 52 56	...	...	...	
	N	Mn	03 50 14	2	10	...			N	Mn	17 39 ...	15	4	...	
	E	Mn	03 50 14	2	4	...			E	Mn	17 34 ...	17	3	...	
	N	F	04 01 ...	...	...	...			E	F	18 39 ...	...	...	...	
	E	F	04 05 ...	...	...	...		Sept. 5	N	F	18 44 ...	...	...	...	
Aug. 31	N,E	P	05 15 29	...	...	9620	Slight.		N,E	i	02 29 45	...	...	...	Feeble.
	E	PR <sub>1</sub>	05 18 51	...	...	...	Epc: 71°7' N., 70° W. (J. S. A.). Baffin Bay.		E	Mn	02 39 15	...	...	...	
	N	PR <sub>2</sub>	05 20 46	...	...	...			E	F	02 47 ...	...	...	...	
	N,E	ScPcS	05 25 44	...	...	...		Sept. 6	N	F	02 48 ...	...	...	...	
	N	S	05 26 08	...	...	...			N,E	i	02 33 15	...	...	...	Feeble.
	N,E	PPS	05 27 28	...	...	...			N,E	i	02 35 27	...	...	...	
	N,E	SR <sub>1</sub>	05 32 04	...	...	...			N	F	03 07 ...	...	...	...	
	E	eL	05 43 ...	...	...	...			E	F	03 08 ...	...	...	...	
	N	Mn	05 59 23	20	6	...		Sept. 8	N	eP	06 49 36	...	...	2265	Slight.
	E	Mn	05 50 27	23	8	...			N,E	S	06 53 23	...	...	...	Epc: After shock of the Pamir Plateau earthquake of Aug. 1931.
	N	F	07 08 ...	...	...	...			N,E	eL	06 55 30	...	...	...	
	E	F	07 39 ...	...	...	...			N	Mn	06 58 30	7	2	...	
Aug. 31	N,E	iP	15 02 21	...	...	2280	Moderate.		E	F	07 15 ...	...	...	...	
	N,E	PR <sub>1</sub>	15 02 40	...	...	...	Epc: 39° N., 75° E. Pamir Plateau.		N	F	07 17 ...	...	...	...	
	N,E		15 06 00	...	...	...		Sept. 8	N	Mn	14 18 ...	...	...	...	Seismic activity.

TABLE D 2 - contd.

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.	
1934.								1934.							
Sept. 9	N	e	05 04 ...	...	...	...	Tremors.	Oct. 5	N,E	i	20 36 28	...	...	...	Slight.
	N	f	05 23 ...	...	...	...	E—out of order.		N,E	e	20 45 ...	...	...	...	
Sept. 11	N,E	i	08 31 ...	...	...	...	Seismic activity.		N	Mn	21 06 52	16	4	...	
	E	F	08 55 ...	...	...	...			E	Mn	21 06 26	14	2	...	
Sept. 11	N,E	i	14 17 32	...	...	...	Seismic activity.		N	F	21 34 ...	...	...	...	
									E	F	21 35 ...	...	...	...	
Sept. 12	E	Mn	15 01 30	...	...	...	Seismic activity. N—out of order.	Oct. 5	N	Mn	22 32 33	...	...	...	Probably seismic.
									E	Mn	22 30 30	...	...	...	
Sept. 12	E	Mn	19 17 30	...	...	...	Seismic activity. N—out of order.	Oct. 6	N	Mn	14 20 15	13	2	...	Seismic activity
									E	Mn	14 20 20	13	1	...	
Sept. 13	N,E	Mn	14 52 40	...	...	...	Seismic activity.	Oct. 10	N,E	e	16 00 30	...	...	...	Slight. Distant.
Sept. 16	N,E	Mn	06 40 ...	...	...	...	Feeble seismic activity.		N,E	e	16 02 31	...	...	...	Beginning uncertain.
									N,E	i	16 05 38	...	...	...	L—waves poor.
Sept. 16	N,E	Mn	13 48 15	...	...	...	Feeble seismic activity.		N,E	i	16 06 46	...	...	...	
Sept. 17	N,E	i	17 26 23	...	...	...	Feeble seismic activity.		N,E	i	16 07 37	...	...	...	
Sept. 17	N	i	18 52 02	...	...	...	Feeble seismic activity.		E	i	16 09 12	...	...	...	
	E	i	18 49 30	...	...	...			N	F	17 46 ...	...	...	...	
Sept. 21	N,E	eP	12 45 09	...	...	3455	Slight. Probably deep focus.	Oct. 15	E	e	08 32 ...	...	...	...	Slight.
	N,E	e	12 48 41	...	...	...	Maximum movements near SR <sub>1</sub> .		N	e	08 37 ...	...	...	...	
	N,E	iS (?)	12 50 22	...	...	...	Epc: 3° N., 100° E., North Sumatra.		E	Mn	08 46 52	7	1	...	
	N,E	SR <sub>1</sub> (?)	12 52 18	...	...	...			N,E	F	09 06 ...	...	...	...	
	N	F	13 50 ...	...	...	...		Oct. 18	E	e	08 01 29	...	...	...	Slight. Distant.
	E	F	13 42 ...	...	...	...	Felt in Tapanoeili (Batavia).		N	e	08 01 36	...	...	...	Time uncertain.
Sept. 23	N,E	e	01 33 ...	...	...	...	Seismic activity.		E	Mn	08 47 46	16	3	...	
	N,E	F	01 47 ...	...	...	...			N	F	09 55 ...	...	...	...	
Sept. 23	N	Mn	09 08 14	...	...	...	Seismic activity.		E	F	09 54 ...	...	...	...	
	E	Mn	09 07 29	...	...	...		Oct. 19	N,E	iP	21 02 13	...	...	1690	Slight.
Sept. 24	N	Mn	11 33 30	...	...	...	Seismic activity.		N,E	iS	21 05 11	...	...	...	Epc.: 32° N., 81° E. Tibet.
	E	Mn	11 38 25	...	...	...			E	SR <sub>1</sub>	21 05 36	...	...	...	
Sept. 25	N,E	i	19 26 38	...	...	...	Feeble.		N	SR <sub>1</sub>	21 05 40	...	...	...	
	N	Mn	19 37 23	...	...	...			E	L	21 06 15	...	...	...	
	E	Mn	19 37 15	...	...	...			N	cL	21 06 25	...	...	...	
	N,E	F	20 02 ...	...	...	...			E	Mn	21 07 44	9	17	...	
Sept. 25	N,E	e	23 32 ...	...	...	...	Feeble.		N	Mn	21 07 46	13	19	...	
	N,E	Mn	23 36 30	...	...	...			N,E	F	21 44 ...	...	...	...	
	N	F	23 55 ...	...	...	...		Oct. 20	N	e	08 21 ...	...	...	...	Slight.
	E	F	23 57 ...	...	...	...			N	Mn	08 26 30	...	...	...	
Sept. 26	N,E	e	01 11 ...	...	...	...	Feeble.		E	Mn	08 28 40	...	...	...	
	E	F	01 38 ...	...	...	...			N,E	F	08 41 ...	...	...	...	
	N	F	01 40 ...	...	...	...	Felt locally at Lahore, Peshawar, Doshi, Srinagar and Gulmarg.	Oct. 21	N,E	iP	18 04 26	...	...	7110	Slight.
Sept. 26	N	Mn	08 33 29	...	...	...	Seismic activity.		N,E	iS	18 13 09	...	...	...	
	E	Mn	08 34 20	...	...	...			N,E	PS	18 14 03	...	...	...	
Sept. 27	N,E	e	23 00 ...	...	...	...	Tremors.		N,E	SR1	18 17 37	...	...	...	
	N,E	f	23 15 ...	...	...	...			N	F	19 01 ...	...	...	...	
									E	F	19 04 ...	...	...	...	







TABLE D 2—*contd.*

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.		
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.			
1934.								1934.									
Dec. 15	N	Mn	07 36 20	...	...	...	Probably aftershock of Tibetan shock of 15th December 1934.	Dec. 17	N	F	09 41 ...	...	...	...			
	E	Mn	07 36 37	...	...	...			E	F	09 43 ...	...	...	...			
Dec. 15	N	Mn	09 07 40	...	...	...	Probably after shock of Tibetan shock of 15th December 1934.	Dec. 17	N	Mn	14 53 15	8	2	...	Aftershock of the Tibetan shock of 15th December 1934.		
								E	Mn	14 53 11	8	1	...				
Dec. 15	N	Mn	10 39 35	...	...	...	Probably aftershock of Tibetan shock of 15th December 1934.		N,E	F	15 09 ...	...	...	...			
	E	Mn	10 39 45	...	...	...											
Dec. 15	N,E	e	17 57 20	...	...	...	Slight. Aftershock of the Tibetan shock of 15th December 1934.	Dec. 17	N,E	eP	16 04 33	...	...	8565	Slight.		
	N,E	e	18 00 57	...	...	...			E	PR <sub>1</sub>	16 07 40	...	...	...	Epc: 6° 5' N., 145° E. British New Guinea.		
	N	Mn	18 05 17	9	4	...			E	PR <sub>2</sub>	16 09 17	...	...	...			
	E	Mn	18 05 15	7	2	...			N,E	iS	16 14 25	...	...	...			
	N	F	18 22 ...	...	...	...			N,E	PS	16 15 10	...	...	...			
	E	F	18 24 ...	...	...	...			N,E	SR <sub>1</sub>	16 19 31	...	...	...			
Dec. 15	N,E	i	19 38 06	...	...	...	Slight. Distant.		N,E	SR <sub>2</sub>	16 22 40	...	...	...			
	N,E	i	19 39 12	...	...	...			N,E	eL	16 29 ...	...	...	...			
	N,E	F	20 32 ...	...	...	...			N	F	17 39 ...	...	...	...			
Dec. 16	N	Mn	00 40 12	7	3	...	Aftershock of the Tibetan shock of 15th December 1934.		E	F	17 40 ...	...	...	...			
	E	Mn	00 40 07	7	1	...			Dec. 17	N	Mn	22 43 45	8	2	...	Probably aftershock of the Tibetan shock of 15th December 1934.	
Dec. 16	N,E	e	16 18 58	...	...	...	Aftershock of the Tibetan shock of 15th December 1934.		E	Mn	22 43 43	8	1	...			
	E	Mn	16 22 48	...	...	...			N,E	F	22 59 ...	...	...	...			
	N	Mn	16 23 09	...	...	...			Dec. 18	N,E	iP	11 26 44	...	...	2145	Moderate.	
	E	F	16 34 ...	...	...	...				N,E	iS	11 30 21	...	...	...	Epc: 32° N., 88° E. South Tibet.	
	N	F	16 35 ...	...	...	...				N,E	SR <sub>1</sub>	11 31 01	...	...	...		
Dec. 16	N	e	19 18 ...	...	...	...	Tremore.		N	Mn	11 34 44	8	28	...			
	E	e	19 16 ...	...	...	...				E	Mn	11 34 26	8	14	...		
	E	f	19 35 ...	...	...	...				N	F	12 27 ...	...	...	...		
	N	f	19 37 ...	...	...	...				E	F	12 26 ...	...	...	...		
Dec. 16-17	N,E	eP	23 39 46	..	...	2080	Slight. Aftershock of the Tibetan shock of 15th December 1934.	Dec. 19	N	Mn	03 15 12	8	2	...	Aftershock.		
	N,E	eS	23 43 18	...	...	...			E	Mn	03 16 12	7	1	...			
	N	eL	23 44 57	...	...	...			N,E	F	03 32 ...	...	...	...			
	E	eL	23 47 35	7	3	...			Dec. 21	N,E	eP	06 39 08	...	...	2110	Slight.	
	N	Mn	23 47 39	7	1	...				N,E	iS	06 42 42	...	...	...	Epc: Tibet. After-shock.	
	E	Mn	00 08 ...	...	...	...				N	SR <sub>1</sub>	06 43 20	...	...	...		
	N,E	F	00 08 ...	...	...	...				N,E	eL	06 44 ...	...	...	...		
Dec. 17	N,E	e	03 54 ...	...	...	...	Tremors.		N	Mn	06 47 01	8	8	...			
	N,E	F	04 17 ...	...	...	...				E	Mn	06 47 24	8	3	...		
Dec. 17	N,E	Mn	06 57 56	...	...	...	Probably aftershock of the Tibetan shock of 15th December 1934.		N	F	07 19 ...	...	...	...			
	N,E	F	07 10 ...	...	...	...				E	F	07 18 ...	...	...	...		
Dec. 17	N	Mn	09 28 10	7	2	...		Aftershock of the Tibetan shock of 15th December 1934.	Dec. 21	N,E	iP	12 43 31	...	...	2145	Moderate.	
	E	Mn	09 28 07	7	1	...					N,E	iS	12 47 08	...	...	...	Epc: Tibet. After-shock.
											N,E	SR <sub>1</sub>	12 47 48	...	...	...	
										N	eL	12 48 ...	...	...	...		
										E	eL	12 49 ...	...	...	...		
									N	Mn	12 51 12	8	9	...			
									E	Mn	12 51 14	7	5	...			
									N	F	13 21 ...	...	...	...			
									E	F	13 26 ...	...	...	...			

TABLE D 2—contd.

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.	
1934.								1934.							
Dec. 22	N,E	e	05 19 ...	...	...	...	Tremors.	Dec. 27	N,E	e	12 41 ...	...	...	...	Tremors.
	N	f	05 27 ...	...	...	...			N,E	f	13 ...	...	...	...	
	E	f	05 28 ...	...	...	...		Dec. 27	N	iP	13 41 27	...	...	1745	Slight.
Dec. 22	N,E	eP	10 57 33	...	...	3280	Slight.		N	PR <sub>1</sub>	13 41 58(?)	...	...	...	Epc: 35° N., 72° 5
	N,E	PR <sub>2</sub> (?)	10 58 39	...	...	...	L—waves poor.		N,E	eS	13 44 30	...	...	...	E. North-West Frontier.
	N,E	S	11 02 35	...	...	...	Largest movement in S—phase.		N,E	SR <sub>1</sub>	13 45 12	...	...	...	Felt at Drosh, Peshawar and Lahore.
	N,E	SR <sub>1</sub>	11 03 59	...	...	...			N,E	L (?)	13 45 43	...	...	...	
	N	eL	11 05 33	...	...	...			N	F	14 13 ...	...	...	...	
	E	eL	11 05 39	...	...	...			E	F	14 12 ...	...	...	...	
	N	F	12 11 ...	...	...	...									
	E	F	12 12 ...	...	...	...		Dec. 28	N,E	Mn	12 38 30	...	...	...	Seismic activity.
Dec. 22	N,E	e	14 49 ...	...	...	...	Slight. Very distant.	Dec. 30	N,E	e	14 13 ...	...	...	...	Slight. Distant.
	N	Mn	15 48 30	...	...	...			N	Mn	15 11 46	...	...	...	
	E	Mn	15 58 25	...	...	...			E	Mn	15 08 30	...	...	...	
	N	F	17 15 ...	...	...	...			N	F	16 39 ...	...	...	...	
	E	F	16 54 ...	...	...	...			E	F	16 12 ...	...	...	...	
Dec. 23	E	i	10 11 44	...	...	...	Slight. Very distant	Dec. 31	N,E	PR <sub>1</sub>	19 07 38	...	...	15000	Moderate.
	N,E	i	10 12 23	...	...	...			N,E	ScPcP	19 08 38	...	...	...	Beginning uncertain.
	N,E	i	10 15 ...	...	...	...			E	PR <sub>2</sub>	19 10 36	...	...	...	
	N,E	e	10 34 ...	...	...	...			N,E	ScPcS	19 12 08	...	...	...	Epc: 28° N., 104° W: North Mexico.
	E	Mn	11 19 30	...	...	...			N,E	PPS	19 19 46	...	...	...	
	N	F	11 41 ...	...	...	...			N,E	SR <sub>1</sub>	19 25 32	...	...	...	
	E	F	11 45 ...	...	...	...			N	eL	19 49 48	...	...	...	
Dec. 24	N	Mn	05 18 20	...	...	...	Seismic activity.		E	eL	19 48 ...	...	...	...	
	E	Mn	05 15 20	...	...	...			N	Mn	20 09 15	15	14	...	
Dec. 24	N,E	e	16 15 15	...	...	...	Seismic activity.		E	Mn	20 04 40	21	14	...	
Dec. 25	N,E	e	06 37 ...	...	...	...	Feeble. Distant.		N	F	22 22 ...	...	...	...	
	N	f	07 58 ...	...	...	...			E	F	22 18 ...	...	...	...	
	E	f	07 49 ...	...	...	...									

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TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance. $\Delta$ (Km.)	Remarks	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance. $\Delta$ (Km.)	Remarks.
				AN	AE							AN	AE		
1934.		H. M. S.							H. M. S.						
Jan. 17	F	19 55 56	...	...	...	...		Jan. 21	P	06 52 02	?	...	...	400	Slight.
	eP	02 45 43	...	...	...	...	Tremor.		S	?	?	...	...	...	
	eP	03 12 20	...	...	...	...	Do.		L	06 53 04	4	...	...	...	
	P	03 49 47	...	...	...	...	Do.			?	?	...	...	...	
	P	03 54 07	...	...	...	...	Do.	Jan. 21	P	06 58 25	4	...	...	4,850	Slight.
	P	06 30 40	...	...	...	...	Do.			07 05 03	6	...	...	...	
	P	07 06 47	...	...	...	...	Do.		L	07 12 47	10	...	...	...	
	P	08 37 11	...	...	...	...	Do.		M	07 16 57	10	27	...	...	
	P	18 36 44	...	...	...	...	Do.		F	08 11 01	...	...	...	...	
	P	19 30 04	...	...	...	...	Do.	Jan. 21	P	14 59 17	?	...	...	300	Slight.
Jan. 17	P	20 20 09	4	...	...	3,200	Slight.		S	?	?	...	...	...	
	S	20 25 09	6	...	...	...			L	14 59 57	2	...	...	...	
	L	20 28 56	8	...	...	...			F	15 08 52	...	...	...	...	
	F	20 43 09	...	...	...	...		Jan. 21	P	19 50 54	?	...	...	300	Slight.
Jan. 17	P	20 45 46	...	...	...	...	Tremor.		S	?	?	...	...	...	
	P	21 20 51	...	...	...	...	Do.		L	19 51 54	4	...	...	...	
	P'	22 04 27	...	...	...	...	Do.		F	20 12 24	...	...	...	...	
Jan. 17	P	23 18 05	...	...	...	...	Do.	Jan. 22	P	21 27 37	4	...	...	1,750	Slight.
Jan. 18	P	04 48 11	...	...	...	...	Do.		S	21 30 43	6	...	...	...	
	P	11 20 33	...	...	...	...	Do.		L	21 31 49	9	...	...	...	
	P	13 12 37	...	...	...	...	Do.		F	21 43 41	...	...	...	...	
	P	15 56 30	...	...	...	...	Do.	Jan. 23	P	05 26 09	?	...	...	300	Slight.
Jan. 19	P	12 35 49	4	...	...	1000	Moderate.		S	?	?	...	...	...	
	S	12 37 28	8	...	...	...			L	05 26 55	2	...	...	...	
	L	12 38 15	10	...	...	...			F	05 34 25	...	...	...	...	
	M	12 41 43	10	67	...	...		Jan. 24	P	07 03 10	?	...	...	400	Slight.
	F	13 38 15	...	...	...	...			S	?	?	...	...	...	
Jan. 19	P	18 50 51	1	...	...	440	Moderate (Omori N.-S. inst.)		L	07 04 08	3	...	...	...	
	S	18 51 43	2	...	...	...			F	07 14 30	...	...	...	...	
	L	18 52 ...	3	...	...	...		Jan. 25	P	23 59 46	?	...	...	500	Slight.
	M	18 52 30	3	121	...	...			S	?	?	...	...	...	
	F	19 27 20	...	...	...	...		Jan. 26	L	00 00 58	3	...	...	...	
Jan. 20	P	18 01 22	6	...	...	3,060	Moderate.		F	00 09 41	...	...	...	...	
	S	18 06 10	9	...	...	...		Jan. 28	eP'	19 32 38	5	...	...	16,350	Moderate.
	L	18 10 12	12	...	...	...			PR <sub>1</sub>	19 35 59	6	...	...	...	
	M	18 13 28	12	44	...	...			SR <sub>1</sub>	19 55 01	10	...	...	...	
	F	19 26 28	...	...	...	...			eL <sub>1</sub>	20 22 41	16	...	...	...	
Jan. 20	P	22 19 17	6	...	...	12,300	Slight.		M <sub>1</sub>	20 31 23	20	23	...	...	
	S	22 31 44	9	...	...	...			M <sub>2</sub>	20 32 38	20	23	...	...	
	L	23 02 51	11	...	...	...			M <sub>3</sub>	20 38 53	20	29	...	...	
	M	23 14 38	14	23	...	...			F	22 07 36	...	...	...	...	
Jan. 21	F	00 11 02	...	...	...	...		Jan. 30	P	15 39 02	2	...	...	900	Slight.
Jan. 21	P	02 34 34	?	...	...	400	Slight.		S	15 40 26	3	...	...	...	
	S	?	?	...	...	...			L	15 41 28	5	...	...	...	
Jan. 21	L	02 35 28	3	...	...	...			F	15 47 28	...	...	...	...	
	F	02 42 13	...	...	...	...						...	...	...	

TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude (μ)		Distance △ (Km.)	Remarks.	Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude (μ)		Distance △ (Km.)	Remarks.
				AN.	AE.							AN.	AE.		
1934.		H. M. S.						1934.		H. M. S.					
Jan. 30	P	20 27 30	0	..	...	12,950	Slight.	Feb. 12	S	03 59 16	3	...	...	...	
	S	20 40 36	10	...	...	...		contd.	L	03 59 36	5	...	...	...	
	L	21 12 04	20	...	...	...			M	03 59 51	5	14	...	...	
	F	?		...	...	...			F	04 11 51	...	...	...	...	
Jan. 30	P	23 07 36	?	...	...	300	Slight.	Feb. 12	P	11 35 39	6	...	...	2,150	Moderate (Omor. N S. inst.)
	S	?	?	...	...	...			S	11 39 09	10	...	...	...	
	L	23 08 15	2	...	...	...			L	11 41 19	15	...	...	...	
	F	23 10 45	...	...	...	...			M	11 45 39	20	759	...	...	
Feb. 2	P	15 13 53	4	...	...	5,755	Slight.		F	?	...	...	...	...	
	S	15 21 20	8	...	...	...		Feb. 14	P	04 05 56	6	...	...	3,200	Very great.
	L	15 28 27	14	...	...	...			S	04 10 56	12	...	...	...	
	M	15 34 57	20	29	...	...			L	04 14 48	22	...	...	...	
	F	17 08 57	...	...	...	...			M	04 25 34	30	89	...	...	
Feb. 3	P	14 41 44	5	...	...	7,285	Slight.		F	09 23 59	...	...	...	...	
	S	14 50 34	7	...	...	...		Feb. 16	P	06 29 15	5	...	...	9,200	Moderate
	L	15 02 34	20	...	...	...			S	06 39 35	8	...	...	...	
	M	15 08 14	22	42	...	...			L	06 59 55	10	...	...	...	
	F	17 44 14	...	...	...	...			M <sub>1</sub>	07 06 49	12	25	...	...	
Feb. 4	P	12 51 05	1	...	...	400	Slight (Omor. N. S. inst.)		M <sub>2</sub>	07 10 19	12	22	...	...	
	S	12 51 47	2	...	...	...			F	08 00 19	...	...	...	...	
	L	12 52 13	?	...	...	...		Feb. 17	P	02 52 22	2	...	...	490	Slight.
	M	12 52 36	5	121	...	...			S	02 53 15	4	...	...	...	
	F	13 1 13	...	...	...	...			L	02 53 37	6	...	...	...	
Feb. 4	P	13 33 49	5	...	...	3,245	Great.		F	03 04 50	...	...	...	...	
	S	13 38 49	7	...	...	...		Feb. 18	P	13 02 05	?	...	...	500	Slight.
	L	13 42 59	15	...	...	...			S	13 02 59	2	...	...	...	
	M	13 46 24	20	244	...	...			L	13 03 34	4	...	...	...	
	F	15 37 24	...	...	...	...			F	13 12 25	...	...	...	...	
Feb. 4	P	22 10 29	5	...	...	5,600	Slight.	Feb. 19	eP	10 31 05	?	...	...	4,000	Slight.
	S	22 17 39	7	...	...	...			S	10 36 50	5	...	...	...	
	L	22 27 39	10	...	...	...			L	10 43 02	10	...	...	...	
	M	22 29 19	14	16	...	...			F	?	...	...	...	...	
	F	23 36 19	...	...	...	...		Feb. 22	eP	08 14 32	4	...	...	4,000	Slight
Feb. 8	eP	14 41 45	?	...	...	400	Slight.		S	08 20 29	6	...	...	...	
	S	14 42 41	?	...	...	...			L	08 26 04	10	...	...	...	
	L	14 42 51	?	...	...	...			M	08 13 14	10	11	...	...	
	F	14 53 36	...	...	...	...			F	?	...	...	...	...	
Feb. 10	eP	04 46 45	?	...	...	700	Slight.	Feb. 24	P	06 32 45	6	...	...	5,900	Great
	S	04 48 01	2	...	...	...			S	06 40 20	10	...	...	...	
	L	04 48 33	4	...	...	...			eL	06 51 ...	20	...	...	...	
	F	05 07 35	...	...	...	...			M <sub>1</sub>	06 55 50	20	134	...	...	
Feb. 11	eP	14 54 12	?	...	...	480	Slight.		M <sub>2</sub>	06 59 15	20	143	...	...	
	S	14 55 07	2	...	...	...			F	?	...	...	...	...	
	L	14 55 22	4	...	...	...		Feb. 24	P	15 24 57	?	...	...	480	Slight
	F	15 03 34	...	...	...	...			S	15 25 49	2	...	...	...	
Feb. 12	eP	03 58 46	2	...	...	300	Slight.		L	15 26 09	4	...	...	...	
									F	15 45 29	...	...	...	...	

TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.
				AN.	AE.							AN.	AE.		
1934.		H. M. S.						1934.		H. M. S.					
Feb. 25	eP	16 32 13	5	...	...	4,300	Slight.	Mar. 12	M	16 18 04	16	10	...	...	
	S	16 38 20	9	...	...	...			F	?	...	...	...	...	
	L	16 44 50	12	...	...	...		Mar. 13	P	13 25 25	5	...	...	10,400	Slight.
	M	16 51 10	12	13	...	...			S	13 36 41	7	...	...	...	
	F	17 33 50	...	...	...	...			L	14 00 45	9	...	...	...	
Feb. 27	P	21 43 16	3	...	...	4,800	Slight.		M	14 09 05	14	6	...	...	
	S	21 49 46	6	...	...	...			F	16 53 29	...	...	...	...	
	L	21 57 28	10	...	...	...		Mar. 16	P	14 22 04	4	...	...	3,300	Slight.
	M	22 00 43	10	13	...	...			S	14 27 07	7	...	...	...	
	F	22 35 33	...	...	...	...			L	14 31 19	9	...	...	...	
Feb. 28	P	14 33 40	4	...	...	7,550	Moderate.		F	?	...	...	...	...	
	S	14 42 44	...	...	...	...		Mar. 18	P	04 42 31	3	...	...	6,700	Slight.
	PS	14 43 15	6	...	...	...			S	04 50 42	5	...	...	...	
	L	14 55 05	10	...	...	...			eL	05 03 52	7	...	...	...	
	Mn	15 11 23	17	96	...	...			F	?	...	...	...	...	
	P	15 08 40	...	...	...	...		Mar. 19	P	03 40 06	5	...	...	2,400	Slight.
Mar. 1	P <sup>1</sup>	22 05 35	4	...	...	17,400	Slight.		S	03 44 06	6	...	...	...	
	Sc Pc PcS	22 16 05	5	...	...	...			L	03 46 32	7	...	...	...	
	SR <sub>1</sub>	22 29 32	...	...	...	...			F	?	...	...	...	...	
Mar. 2	F	00 02 25	...	...	...	...		Mar. 20	P	02 51 23	5	...	...	4,750	Slight.
Mar. 3	P	01 38 42	2	...	...	1,650	Slight.		S	02 57 53	8	...	...	...	
	S	01 41 37	7	...	...	...			L	03 05 24	12	...	...	...	
	L	01 42 53	10	...	...	...			F	04 12 42	...	...	...	...	
	F	02 06 03	...	...	...	...		Mar. 24	P	12 14 20	5	...	...	750	Moderate.
Mar. 3	P	16 11 31	...	...	...	...	Tremor.		S	12 24 20	10	...	...	...	
Mar. 4	eP	11 27 58	?	...	...	6,500	Slight.		eL	12 40 ...	18	...	...	...	
	S	11 35 59	7	...	...	...			M	12 45 30	18	12	...	...	
	L	11 48 42	10	...	...	...			F	16 13 50	...	...	...	...	
	M	11 55 27	15	25	...	...		Mar. 25	P	12 47 10	4	...	...	1,450	Slight.
	F	13 00 12	...	...	...	...			S	12 49 40	5	...	...	...	
Mar. 5	eP	12 02 32	6	...	...	12,150	Great.		L	12 50 48	7	...	...	...	
	PR	12 10 24	8	...	...	...			F	?	...	...	...	...	
	Sc Pc S	12 13 06	9	...	...	...		Mar. 26	P	03 01 17	?	...	...	60	Slight.
	SR <sub>1</sub>	12 21 31	10	...	...	...			S	03 02 17	2	...	...	...	
	eL	12 40 16	17	...	...	...			L	03 02 41	4	...	...	...	
	M	12 49 26	20	44	...	...			F	?	...	...	...	...	
	F	16 20 09	...	...	...	...		Apr. 3	P	22 41 21	...	...	...	...	Tremor
Mar. 7	P	16 1 29	...	...	...	...	Tremor.	Apr. 5	P	10 41 45	...	...	...	...	Do.
Mar. 11	P	19 15 16	2	...	...	2,000	Slight.	Apr. 6	P	19 18 04	2	...	...	4,900	Slight (Inst. changed from N. S. to E. W.)
	S	19 18 34	6	...	...	...			S	19 24 44	4	...	...	...	
	L	19 20 37	7	...	...	...			eL	19 31 24	7	...	...	...	
	M	19 22 52	10	11	...	...			F	?	...	...	...	...	
	F	?	...	...	...	...		Apr. 8	P	20 54 06	?	...	...	350	Slight.
Mar. 12	eP	15 31 04	6	...	...	10,800	Slight.		S	20 54 44	?	...	...	...	
	eS	15 42 36	8	...	...	...							...	...	
	L	16 08 14	10	...	...	...							...	...	

TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.
				AN.	AE.							AN.	AE.		
1934.		H. M. S.						1934.		H. M. S.					
Apr. 8	L	20 54 59	?	...	...	...		Apr. 19	L	?	...	...	...	...	
	F	21 01 39	...	...	...	...			F	?	...	...	...	...	
Apr. 10	P	10 30 42	5	...	...	4,500	Moderate.	Apr. 26	P	13 46 55	5	...	...	4,700	Slight.
	S	10 36 55	7	...	...	...			S	13 53 55	6	...	...	...	
	L	10 44 15	9	...	...	...			L	14 04 25	8	...	...	...	
	M	10 48 20	18	...	43	...			M	14 08 18	12	...	...	...	
	F	?	...	...	...	...			F	?	...	...	...	...	
Apr. 11	P	21 25 21	4	...	...	8,100	Slight.	Apr. 26	P	21 13 28	5	...	...	9,450	Slight.
	S	21 34 41	6	...	...	...			S	21 23 53	7	...	...	...	
	eL	21 52 13	?	...	...	...			eL	21 43 48	9	...	...	...	
	F	?	...	...	...	...			F	?	...	...	...	...	
Apr. 12	P	03 27 17	?	...	...	2,550	Slight.	Apr. 27	P	20 59 58	4	...	...	10,650	Slight.
	S	03 31 07	4	...	...	...			S	21 11 18	8	...	...	...	
	L	03 34 47	6	...	...	...			eL	21 32 08	10	...	...	...	
	M	03 36 17	18	...	19	...			F	23 35 13	...	...	...	...	
	F	?	...	...	...	...		Apr. 29	P	03 22 ...	...	...	...	...	Tremor.
Apr. 12	P	09 14 16	5	...	...	900	Slight.	May 1	P	03 44 38	3	...	...	2,550	Moderate.
	S	09 16 ...	10	...	...	...			S	03 48 48	4	...	...	...	
	eL	09 16 27	?	...	...	...			L	03 51 04	6	...	...	...	
	F	?	...	...	...	...			M	?	...	...	...	...	
Apr. 13	P	04 40 17	?	...	...	300	Slight.		F	?	...	...	...	...	
	S	04 40 47	?	...	...	...		May 1	P	07 09 15	3	...	...	2,300	Moderate
	L	04 40 57	5	...	...	...			S	07 13 05	4	...	...	...	
	F	?	...	...	...	...			L	07 15 05	7	...	...	...	
Apr. 13	P	23 05 00	?	...	...	450	Slight.		M	?	...	...	...	...	
	S	23 05 50	?	...	...	...			F	?	...	...	...	...	
	L	23 06 05	4	...	...	...		May 4	P	04 48 42	4	...	...	11,100	Great.
	F	?	...	...	...	...			Sc Pe S	04 59 13	8	...	...	...	
Apr. 14	P	01 37 35	...	...	...	...	Tremor.		eL	05 22 53	10	...	...	...	
Apr. 15	P	22 23 21	6	...	...	4,050	Great.		M	05 29 33	23	...	226	...	
	S	22 29 55	10	...	...	...			F	07 38 25	...	...	...	...	
	L	22 38 35	15	...	...	...		May 13	P	09 13 21	4	...	...	7,550	Slight
	M <sub>1</sub>	22 41 47	18	...	395	...			S	09 22 25	6	...	...	...	
	M <sub>2</sub>	22 46 07	18	...	360	...			L	09 35 17	8	...	...	...	
	F	?	...	...	...	...			F	?	...	...	...	...	
Apr. 16	eP	13 51 20	2	...	...	4,350	Slight.	May 14	P	22 25 37	3	...	...	9,150	Slight.
	S	13 57 24	6	...	...	...		May 14	S	22 35 55	4	...	...	...	
	L	14 04 07	10	...	...	...			L	22 53 22	7	...	...	...	
	F	?	...	...	...	...			M	?	...	...	...	...	
Apr. 19	P	23 36 30	2	...	...	2,000	Slight.		F	23 43 25	...	...	...	...	
	S	23 39 52	5	...	...	...		May 22	...	...	...	...	...	...	Tremor, lost in micro-seism.
	L	23 41 34	6	...	...	...		May 30	P	23 08 18	6	...	...	2,000	Slight.
	F	23 54 49	...	...	...	...			S	23 11 28	8	...	...	...	
Apr. 19	P	23 44 54	?	...	...	200	Slight.		L	23 13 48	10	...	...	...	
	S	23 45 17	...	...	...	...			M	23 15 28	10	...	7	...	
									F	23 31 58	...	...	...	...	





TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ .)		Distance $\Delta$ (Km.)	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ .)		Distance $\Delta$ (Km.)	Remarks.
				AN.	AR.							AN.	AR.		
1934.		H. M. S.						1934.		H. M. S.					
	eL	18 09 31	6	...	...	...		Aug. 7	P	03 52 38	...	...	...	9,410	Slight.
	M	18 20 31	15	...	4	...			S	04 03 06	6	...	...	...	
	F	19 34 51	...	...	...	...			SR <sub>1</sub>	04 08 53	6	...	...	...	
July 18	P	19 52 45	4	...	...	9,490	Great.		L	04 19 43	16	...	...	...	
	S	20 03 19	10	...	...	...			M <sub>1</sub>	04 26 53	20	...	17	...	
	Ps	20 04 09	10	...	...	...			M <sub>2</sub>	04 29 33	20	...	23	...	
	SR <sub>1</sub>	20 08 55	12	...	...	...			F	06 58 39	...	...	...	...	
	L	20 21 15	20	...	...	...		Aug. 7	P	11 55 15	2	...	...	2,870	Slight.
	M	20 27 49	23	...	410	...			eS	11 59 49	5	...	...	...	
	F	23 44 43	...	...	...	...			L	12 02 25	13	...	...	...	
July 19	e	00 19 39	...	...	...	...	Tremor.		M	12 03 35	13	...	18	...	
	F	?	...	...	...	...			F	12 57 35	...	...	...	...	
July 19	eP	01 36 19	?	...	...	5,670	Moderate.	Aug. 11	P	08 23 36	4	...	...	4,020	Moderate.
	PR <sub>2</sub>	01 39 05	5	...	...	...			S	08 29 25	6	...	...	...	
	S	01 43 41	7	...	...	...			SR <sub>1</sub>	08 31 33	7	...	...	...	
	L	01 53 41	9	...	...	...			eL	08 34 19	9	...	...	...	
	M	01 57 47	12	...	31	...			M	08 37 19	12	...	110	...	
	F	?	...	...	...	...			F	09 31 34	...	...	...	...	
July 19	e	05 57 39	...	...	...	...	Tremor.	Aug. 11	e	12 09 09	...	...	...	...	Tremor.
	F	?	...	...	...	...			F	?	...	...	...	...	
	e	07 50 39	...	...	...	...	Tremor.	Aug. 12	e	04 52 39	...	...	...	...	Tremor.
	F	?	...	...	...	...			F	?	...	...	...	...	
July 21	P	06 30 36	5	...	...	9,550	Great.	Aug. 12	P	23 57 01	3	...	...	4,810	Great.
	Ps	06 41 51	8	...	...	...			PR <sub>1</sub>	23 58 33	5	...	...	...	
	eL	06 58 23	10	...	...	...		Aug. 13	SR <sub>1</sub>	00 06 25	6	...	...	...	
	M	07 05 46	20	...	110	...			eL	00 09 51	10	...	...	...	
	F	?	...	...	...	...			M <sub>1</sub>	00 13 34	20	...	128	...	
July 21	P	10 58 53	4	...	...	19,000	Slight.		M <sub>2</sub>	00 14 34	20	...	157	...	
	PSc PcS	11 14 33	8	...	...	...			M <sub>3</sub>	00 16 14	20	...	198	...	
	eL	11 58 58	23	...	...	...			F	?	...	...	...	...	
	M	12 12 48	23	...	22	...		Aug. 21	P	19 31 06	4	...	...	4,410	Moderate.
	F	?	...	...	...	...			PR <sub>1</sub>	19 32 29	5	...	...	...	
July 22	P	20 01 30	4	...	...	2,200	Moderate.		SR <sub>1</sub>	19 39 46	6	...	...	...	
	S	20 05 12	5	...	...	...			eL	19 43 01	8	...	...	...	
	eL	20 06 48	6	...	...	...			M	19 46 21	15	...	28	...	
	M	?	...	...	...	...			F	?	...	...	...	...	
	F	?	...	...	...	...		Aug. 22	e	06 52 09	...	...	...	...	Tremor.
July 28	P	02 11 04	3	...	...	3,230	Slight.		F	?	...	...	...	...	Do.
	S	02 15 59	5	...	...	...			e	10 35 09	...	...	...	...	Do.
	L	02 18 59	10	...	...	...			F	?	...	...	...	...	Do.
	M	02 21 52	10	...	29	...		Aug. 24	P	07 14 38	4	...	...	530	Slight.
	F	?	...	...	...	...			P	07 14 56	4	...	...	...	
July 31	e	06 04 39	...	...	...	...	Tremor.		S	07 15 34	?	...	...	...	
	F	?	...	...	...	...	Do.		L	07 16 04	6	...	...	...	
July 31	e	11 55 22	...	...	...	...	Do.		M	?	...	...	...	...	
	F	?	...	...	...	...	Do.		F	07 31 38	...	...	...	...	

TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.
				AN.	AE.							AN.	AE.		
		H. M. S.								H. M. S.					
1934.								1934.							
Aug. 29	P	03 43 54	?	...	...	390	Moderate ; reported to have been felt in North Bihar, Darjeeling, etc.	S	12 48 22	6	...	...	...		
	S	03 44 28	?	...	...	...		L	12 51 18	7	...	...	...		
	L	03 44 42	?	...	...	...		M	?	...	...	...	...		
	M	?	...	...	...	...		F	13 25 41	...	...	...	...		
	F	?	...	...	...	...									
Aug. 31	P	05 15 07	3	...	...	9,710	Slight.	Sep. 23	e	01 29 39	...	...	...	...	Tremor.
	Sc Pc S	05 25 21	5	...	...	...		Sep. 23	P	08 52 08	4	...	...	270	Slight.
	L	05 44 13	8	...	...	...			eS	08 52 39	?	...	...	...	
	M	05 51 43	20	...	23	...			L	08 52 46	?	...	...	...	
	F	06 49 43	...	...	...	...			F	08 56 39	...	...	...	...	
Aug. 31	P	15 01 58	3	...	...	2,490	Great.	Sep. 26	One slight shock ; could not be calculated owing to congestion of li lines						
	S	15 06 03	5	...	...	...		Sep. 26	e	01 11 39	...	...	...	...	Tremor
	L	15 08 58	10	...	...	...		Sep. 27	eP	23 00 18	3	...	...	2,260	Slight
	M	15 10 58	16	...	246	...			S	23 03 58	5	...	...	...	
	F	16 38 33	...	...	...	...			L	23 06 01	7	...	...	...	
Sep. 1	P	12 40 20	3	...	...	2,010	Slight.		F	23 18 18	...	...	...	...	
	S	12 43 45	4	...	...	...		Oct. 1	e	17 18 57	...	...	...	...	Tremor.
	L	12 45 08	5	...	...	...		Oct. 5	e	10 00 34	...	...	...	...	"
	F	?	...	...	...	...		Oct. 5	e	20 34 44	...	...	...	...	"
Sep. 3	e	09 23 39	...	...	...	...	Tremor.	Oct. 6	e	14 07 30	...	...	...	...	"
Sep. 4	e	16 38 39	...	...	...	...	"	Oct. 10	e	09 16 19	...	...	...	...	"
Sep. 8	P	06 49 49	3	...	...	2,430	Slight.	Oct. 10	P	15 57 04	5	...	...	6,050	Moderate.
	PR <sub>1</sub>	06 50 12	4	...	...	...			S	16 04 49	6	...	...	...	
	S	06 53 51	5	...	...	...			SR <sub>2</sub>	16 10 09	6	...	...	...	
	SR <sub>1</sub>	06 54 37	6	...	...	...			eL	16 13 57	9	...	...	...	
	L	06 55 39	6	...	...	...			F	17 39 40	...	...	...	...	
	F	07 27 5	...	...	...	...		Oct. 15	e	08 32 01	...	...	...	...	Tremor
Sep. 9	P	05 06 17	3	...	...	840	Slight.	Oct. 18	P	08 00 47	4	...	...	9,210	Slight.
	S	05 07 48	4	...	...	...			S	08 11 06	7	...	...	...	
	eL	05 08 26	5	...	...	...			eL	08 28 11	8	...	...	...	
	F	05 32 17	...	...	...	...			M	08 35 03	28	...	52	...	
Sep. 11	e	08 27 39	...	...	...	...	Tremor.		F	?	...	...	...	...	
Sep. 11	e	14 19 39	...	...	...	...	"	Oct. 19	P	21 01 16	4	...	...	1,100	Moderate
Sep. 12	e	14 35 39	...	...	...	...	"		P*	21 01 48	...	...	...	...	
Sep. 12	e	17 58 39	...	...	...	...	"		P	21 02 8	...	...	...	...	
Sep. 13	e	14 36 39	...	...	...	...	"		S	21 03 18	6	...	...	...	
Sep. 15	e	08 08 39	...	...	...	...	"		SR <sub>1</sub>	21 03 40	...	...	...	...	
Sep. 17	e	17 19 39	...	...	...	...	"		S*	21 03 58	...	...	...	...	
Sep. 17	P	18 43 33	3	...	...	1,680	Slight.		S	21 04 32	...	...	...	...	
	eS	18 46 25	4	...	...	...			L	21 04 50	8	...	...	...	
	L	18 47 36	7	...	...	...			Mn	21 08 05	...	...	29	...	
	F	19 06 07	...	...	...	...			F	21 54 08	...	...	...	...	
Sep. 21	P	12 43 34	3	...	...	3,070	Moderate.	Oct. 20	e	04 27 11	...	...	...	...	Tremor
								Oct. 20	e	08 21 14	...	...	...	...	"



TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (K-m.)	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (K-m.)	Remarks.
				AN.	AE.							AN.	AE.		
1934.		H. M. S.							H. M. S.						
Nov. 26	P	12 15 37	5	...	...	3,300	Slight.	Dec. 15	e	07 25 11	...	...	...	...	Tremor.
	S	12 20 40	7	...	...	...			e	10 30 51	...	...	...	...	"
	SR <sub>1</sub>	12 22 08	...	...	...	...			e	17 55 14	...	...	...	...	"
	eL	12 24 10	10	...	...	...			eP	19 29 19	3	...	...	6,230	Slight.
	M	12 30 30	15	...	17	...			S	19 37 14	5	...	...	...	
	F	13 39 10	...	...	...	...			SR <sub>1</sub>	19 41 05	5	...	...	...	
Nov. 27	P	06 22 12	2	...	...	4,020	Slight.		eL	19 46 49	7	...	...	...	
	S	06 28 37	4	...	...	...			F	20 40 49	...	...	...	...	
	SR <sub>1</sub>	06 32 07	4	...	...	...		Dec. 16	e	00 31 13	...	...	...	...	Tremor.
	eL	06 34 32	6	...	...	...			e	16 14 26	...	...	...	...	"
	F	Masked by microseisms.				...			e	19 12 29	...	...	...	...	"
Nov. 27	e	19 58 44	...	...	...	...	Tremor.		e	20 43 35	...	...	...	...	"
Nov. 29	e	22 39 24	4	...	...	...	Slight.	Dec. 17	e	23 39 48	...	...	...	...	"
	e	22 41 22	9	...	...	...			e	03 52 02	...	...	...	...	"
	M	22 44 42	12	...	11	...			e	06 50 16	...	...	...	...	"
	F	23 03 12	...	...	...	...			e	09 20 14	...	...	...	...	"
Nov. 30	e	02 24 58	5	...	...	...	Moderate; very distant. Phases not discernible owing to overlapping of lines.	Dec. 17	eP	16 03 18	4	...	...	7,000	Slight.
	eL	03 10 28	12	...	...	...			PR <sub>2</sub>	16 06 55	5	...	...	...	
	M	03 20 48	20	...	34	...			S	16 11 55	6	...	...	...	
	F	04 45 08	...	...	...	...			SR <sub>1</sub>	16 18 29	7	...	...	...	
Dec. 4	e	17 44 49	4	...	...	...	Slight; very distant.	Dec. 17	F	17 28 12	...	...	...	...	
	i	17 56 01	5	...	...	...			e	21 35 08	...	...	...	...	Tremor.
	F	19 35 17	...	...	...	...			e	22 12 37	...	...	...	...	Slight.
Dec. 9	e	11 30 55	4	...	...	...	Slight.		i	22 13 07	...	...	...	...	
	M	11 45 55	17	...	9	...			F	?	...	...	...	...	
	F	12 13 45	...	...	...	...		Dec. 18	eP	11 24 28	2	...	...	890	Moderate.
	e	22 06 54	...	...	...	...	Tremor.		S	11 26 03	4	...	...	...	
Dec. 13	eP	01 07 09	...	...	...	2,200	Slight.		L	11 26 53	8	...	...	...	
	S	01 10 52	3	...	...	...			M	Maximum movements not recorded.					
	eL	01 12 21	6	...	...	...			F	12 25 26	...	...	...	...	
	M	01 14 18	10	...	12	...		Dec. 19	eP	03 06 14	...	...	...	900	Slight.
	F	01 27 00	...	...	...	...			eS	03 07 50	...	...	...	...	
Dec. 14	e	11 20 29	...	...	...	...	Tremor.		L	03 08 37	5	...	...	...	
Dec. 14	eP	20 44 54	2	...	...	890	Moderate.	Dec. 21	F	Masked by microseisms.					
	S	20 46 29	3	...	...	...			eP	06 36 44	2	...	...	950	Slight.
	L	20 47 26	4	...	...	...			S	06 38 24	3	...	...	...	
	M <sub>1</sub>	20 48 51	5	...	30	...			L	06 39 13	5	...	...	...	
	M <sub>2</sub>	20 49 41	5	...	32	...			M	06 40 03	5	...	16	...	
	F	21 38 41	...	...	...	...			F	07 06 15	...	...	...	...	
Dec. 15	P	01 59 55	3	...	...	950	Very great.	Dec. 21	eP	12 41 14	3	...	...	920	Moderate.
	S	02 01 35	5	...	...	...			S	12 42 52	4	...	...	...	
	L	02 02 19	10	...	...	...			L	12 43 34	5	...	...	...	
	M <sub>1</sub>	Maximum movements not recorded.				...			M	12 45 11	6	...	39	...	
	F	04 46 31	...	...	...	...			F	13 30 02	...	...	...	...	
	e	06 31 54	...	...	...	...	Tremor.	Dec. 22	eP	10 59 59	3	...	...	4,080	Slight.
	e	07 10 33	...	...	...	...	"		S	11 05 49	5	...	...	...	

TABLE D 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude ( $\mu$ )		Distance $\Delta$ (Km.)	Remarks.
				AN.	AE.							AN.	AE.		
1934.		H. M. S.						1934.		H. M. S.					
Dec. 20	L	11 10 54	15	...	...	...			F	14 11 08	...	...	...	...	
	M	11 13 29	15	...	12	...		Dec. 28	eP	11 43 50	4	...	...	10,820	Slight
	F	12 08 14	...	...	...	...			eL	12 16 45	18	...	...	...	
	e	14 49 26	7	...	...	...			F	Not discernible.			...		
	M	15 57 06	23	...	...	...		Dec. 30	eP	14 12 19	4	...	...	12,200	Slight.
	F	17 07 06	...	...	...	...			S	14 24 34	6	...	...	...	
Dec. 23	e	10 13 05	5	...	...	...			SR <sub>1</sub>	14 32 24	7	...	...	...	
	F	11 58 25	...	...	...	...			L	14 50 39	15	...	...	...	
Dec. 27	eP	12 36 16	3	...	...	1,810	Slight.		M	14 59 39	15	...	7	...	
	S	12 39 16	5	...	...	...			F	16 26 39	...	...	...	...	
	L	12 40 30	8	...	...	...		Dec. 31	P	19 06 24	5	...	...	14,350	Moderate.
	M	12 41 30	8	...	7	...			eS	19 19 38	6	...	...	...	
	F	13 01 06	...	...	...	...			PPs	19 23 07	7	...	...	...	
Dec. 27	eP	13 42 08	2	...	...	2,140	Slight.		SR <sub>1</sub>	19 33 57	10	...	...	...	
	S	13 45 45	4	...	...	...			L	19 51 02	14	...	...	...	
	L	13 47 19	5	...	...	...			M	20 00 57	20	...	47	...	
	M	13 49 06	5	...	8	...			F	22 21 47	...	...	...	...	

Alipore Observatory,  
CALCUTTA.

S. N. SEN,  
Meteorologist.

## STATION—KODAIKANAL.

Lat. 10° 14', Long. 77° 28'.

Height above M. S. L. 2,343 m. Lithologic Foundation ; Rock.

Instruments ; Milne-Shaw (Magnetic damping.)

### INSTRUMENTAL CONSTANTS.

Compt.	Steady mass Kg.	T. (sec.).		Vm.	E	Paper speed mm/min.
E	0.45	Jan.	11.30	250	20:1	8
		Feb.	11.75			
		Mar.	12.30			
		April	12.30			
		May-July	11.00			
		Aug.-Dec.	11.50			

TABLE D. 4.

Date.	Compt.	Phase.	G. M. T.		Period.	Ampli- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Period.	Ampli- tude.	△	Remarks.
1934.			H. m. S.	Sec.	m.m.	Km.			1934.			H. M. S.	Sec.	m.m.	Km.		
Jan. 2nd	E	P	21 01 28	...	...	...			Jan. 29th	E	P <sup>1</sup>	19 30 00	...	...	17,120		
		S	21 06 44	...	...	...					PR <sub>1</sub>	19 33 52?	...	...	...		
		L	21 12 34	...	...	...					L	20 27 43	...	...	...		
		M	21 14 13	...	0.6	3,500					M	20 44 53	...	1.2	...		
		F	21 36 00	...	...	...					F	21 33 00	...	...	...		
Jan. 3rd	E	IP	09 53 45	...	...	7,730			Feb. 2nd	E	P	15 15 22	...	...	6,380		
		S	10 02 57	...	...	...					S	15 23 24	...	...	...		
		L	?	...	...	...					L	15 30 19	...	...	...		
		M	?	...	...	...					M	15 40 07	...	0.4	...		
		F	10 37 00	...	...	...					F	16 20 00	...	...	...		
Jan. 11th			Lines overlapping.					Local Shock.	Feb. 3rd			Lines overlapping.					
Jan. 12th			Lines overlapping.						Feb. 4th			Ditto.					
Jan. 15th	E	IP	08 47 36	...	...	2,380(?)			Feb. 5th			Ditto.					
		S	08 51 32(?)	...	...	...			Feb. 5th			Ditto.					
Light thrown off at 08 h 51 m 32 s, probably beginning of S.																	
Jan. 16th	E	S	05 06 35	...	...	...		Beginning not clear.	Feb. 9th	E	P	09 45 33	...	...	...		Tremor.
		L	05 08 36	...	...	...					F	10 21 00	...	...	...		
Jan. 16th	E	IP	18 38 18	...	...	5,100			Feb. 10th	E	P	03 24 29	...	...	...		Tremor.
		PR <sub>1</sub>	18 40 05(?)	...	...	...					F	04 27 00	...	...	...		
		S	18 45 08	...	...	...			Feb. 11th			No minute marks.					Tremor.
		M	?	...	...	...			Feb. 12th	E	P	11 36 19	...	...	2,845		
Jan. 19th	E	P?	18 57 40	...	...	...		Record very faint, phases not clear Tremors.			S	11 40 51	...	...	...		
		F?	19 12 00	...	...	...					L	11 46 31	...	...	...		
Jan. 20th			Lines overlapping.								M	11 55 27	...	1.1	...		
Jan. 22nd			Ditto.						Feb. 14th			No minute marks.					Tremors.
Jan. 27th			Ditto.						Feb. 14th	E	IP	04 07 22	...	...	4,000		

TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	
1934.			H. M. S.	Sec.	m.m.	Km.		1934.			H. M. S.	Sec.	m.m.	Km.		
		iS	04 13 09	...	...	...		Mar. 13th	E	i	13 24 54	...	...	...		
		iL	04 18 23	...	...	...				i	13 35 15	...	...	...		
		M	?	...	...	...				M	14 09 21	...	1.0	...		
		F	07 48 00	...	...	...				F	16 11 00	...	...	...		
Feb. 16th	E	P	06 46 37	...	...	...	Tremor.	Mar. 14th	E	P	10 31 03	...	...	...	Tremor.	
		F	08 03 00	...	...	...				F	11 32 00	...	...	...		
Feb. 19th	E	iP	10 30 27	...	...	2,900		Mar. 15th	E	P	11 05 07	...	...	...	Tremor.	
		iS	10 35 03	...	...	...				F	12 35 00	...	...	...		
		iL	10 37 35	...	...	...		Mar. 16th			Lines overlapping.					
		M	10 44 18	...	4.9	...		Mar. 18th	E	iP	04 44 53	...	...	8,100		
		F	...	...	...	...				iS	04 54 24	...	...	...		
Feb. 21st		Lines overlapping.						Tremor.			L	?	...	...	...	
Feb. 22nd	E	S	08 21 00	...	...	4,320				M	?	...	...	...		
		SR <sub>2</sub>	08 24 00	...	...	...				F	05 41 00	...	...	...		
		M	08 32 58	...	1.1	...		Mar. 19th	E	P	03 34 24	...	...	...	Tremor.	
		F	09 37 00	...	...	...				F	03 57 00	...	...	...		
Feb. 24th	E	iP	06 34 22	...	...	6,915		Mar. 24th	F	iP	12 17 09	...	...	9,230		
		iS	06 42 55	...	...	...				iS	12 27 32	...	...	...		
		iL	06 56 18	...	...	...				iL	12 56 41	...	...	...		
		M	07 01 15	...	16.6	...				M	13 02 06	...	1.4	...		
		F	10 34 00	...	...	...		Mar. 25th	E	P	12 53 32	...	...	...	Tremor.	
Feb. 26th		Lines overlapping.									F	13 10 00	...	...	...	
Feb. 27th		Ditto.							April 5th	E	P	10 48 21	...	...	...	Tremor.
Feb. 28th	E	P	14 33 17	...	...	8,495				F	11 06 00	...	...	...		
		iS	14 43 06	...	...	...		April 6th	E	P	19 19 58	...	...	...	Tremor.	
		L	14 49 14	...	...	...				F	19 53 00	...	...	...		
		M	15 06 18	...	1.1	...		April 10th		Lines overlapping.						
		F	16 45 00	...	...	...		April 10th	E	iP	10 30 50	...	...	4,565		
Feb. 28th	E	P	22 25 35	...	...	...	Tremors.			S	10 37 11	...	...	...		
		F	22 47 00	...	...	...				L	10 45 26	...	...	...		
Mar. 3rd		Lines overlapping.									M	10 47 26	...	1.4	...	
Mar. 4th	E	P	06 18 55	...	...	...	Tremor.			F	11 53 00	...	...	...		
		F	06 30 00	...	...	...		April 11th	E	P	10 04 20	...	...	...	Tremor.	
Mar. 4th	E	P	11 39 00	...	...	...	Tremor. No mi- nute marks, approximate.	April 11th	E	F	10 21 00	...	...	...		
		F	12 43 00	...	...	...				P	21 25 46	...	...	...	Feeble shock.	
Mar. 5th		Lines overlapping.							April 12th	E	P	03 28 42	...	...	...	Tremor.
Mar. 9th		Ditto.						Tremors.	April 12th	E	F	03 56 00	...	...	...	
Mar. 12th	E	P	15 26 47	...	...	...		April 12th	E	P	09 16 11	...	...	...	Tremor.	
		iS (?)	15 44 00	...	...	...				F	09 48 00	...	...	...		
		L	16 07 00	...	...	...		April 14th		Lines overlapping.						
		M	16 15 26	...	1.0	...		April 15th	E	iP	22 24 03	...	...	5,400		
		F	17 38 00	...	...	...				iS	22 31 10	...	...	...		

TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.
1934.			H. M. S.	Sec.	m.m.	Km.		1934.			H. M. S.	Sec.	m.m.	Km.	
		iL	22 40 06	...	5.6	...		May 12th	E	P	20 31 06	...	...	2,190	
		M	22 42 13	...	...	...				S	20 34 47	...	...	...	
April 16th		F	01 36 00	...	...	...				L	20 36 32	...	...	...	
April 16th	E	P	04 08 08	...	...	...	Feeble shock.			M	...	...	...	...	
		F	04 59 00	...	...	...				F	21 21 00	...	...	...	
April 19th	E	P	23 31 12	...	...	...	Tremor.	May 13th	E	P	09 14 00	...	...	8,427	
		F	24 00 00	...	...	...	Tremor.			S	09 23 46	...	...	...	
April 24th	E	P	17 54 15	...	...	...	Tremor.			L	09 50 03	...	...	...	
		F	19 01 00	...	...	...				M	...	...	...	...	
April 26th	E	P	05 56 11	...	...	...	Tremor.	May 14th	E	P	22 26 40	...	...	...	Tremor.
		F	06 51 00	...	...	...				F	23 31 00	...	...	...	
April 26th	E	P	08 22 00	...	...	...	Tremor.	May 16th	E	P	09 30 00	...	...	...	Tremor
		F	09 22 00	...	...	...				F	09 38 00	...	...	...	
April 26th	E	IP	13 48 00	...	...	5,027		May 18th			Lines overlapping.				
		iS	13 54 46	...	...	...		May 19th	E	P	01 39 45	...	...	...	
		L	14 08 05	...	...	...				F	02 42 00	...	...	...	
		M	...	...	...	...		May 22nd	E	P	01 25 32	...	...	...	
		F	14 37 00	...	...	...				M	01 50 30	...	2.4	...	
April 26th	E	IP	21 13 32	...	...	9,500				F	03 50 00	...	...	...	End from the next day's sheet.
		iS	21 24 05	...	...	...		May 23rd	E	P	23 18 56	...	...	...	Feeble shock.
		L	21 48 10	...	...	...				F	23 51 00	...	...	...	
		M	22 00 43	...	0.3	...		May 27th	E	P	13 31 36	...	...	2,490	
		F	22 36 00	...	...	...				S	13 35 41	...	...	...	
April 27th	E	P	20 58 00	...	...	...	Feeble shock.			L	13 36 25	...	...	...	
		F	23 02 00	...	...	...				M	13 38 28	...	8.0	...	
April 28th	E	P	15 18 46	...	...	...	Tremor.			F	14 36 00	...	...	...	
		F	15 41 00	...	...	...		May 31st	E	e	06 23 17	...	...	...	Tremor.
May 1st	E	IP	03 45 06	...	...	2,165				F	06 41 00	...	...	...	
		iS	03 48 45	...	...	...		June 2nd	E	P	05 59 13	...	...	2,265	Moderate.
		iL	03 50 45	...	...	...				S	06 03 ?	...	...	...	
		M	03 51 22	...	3.2	...				F	06 34 00	...	...	...	
		F	04 19 00	...	...	...		June 2nd	E	e	14 05 32	...	...	...	Tremor
May 1st	E	IP	07 09 37	...	...	2,327				F	15 05 00	...	...	...	
		iS	07 13 29	...	...	...		June 4th			No minute marks.				
		L	...	...	...	...		June 4th	E	i	06 06 42	...	...	...	Feeble shock.
		M	07 14 54?	...	6.5	...				F	06 22 00	...	...	...	
		F	08 37 00	...	...	...		June 5th	E	e	11 41 00	...	...	...	Tremors.
May 4th	E	P	04 49 52	...	...	11,290				F	11 53 00	...	...	...	
		PR <sub>1</sub>	04 54 08	...	...	...		June 5th	E	e	13 16 37	...	...	...	Tremors.
		PS	05 02 56	...	...	...				F	13 35 00	...	...	...	
		L	05 28 02	...	...	...		June 9th	E	P	13 10 00	...	...	7,465	Slight. L-waves poorly developed.
		M	05 38 36	...	5.0	...				iS	13 19 00	...	...	...	
May 5th	E	P	14 51 00	...	...	...	Tremor.			F	14 59 00	...	...	...	
		F	15 39 00	...	...	...						...	...	...	



TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. L.	Period.	Ampl- tude.	△	Remarks.
1934.			H. M. S	Sec.	m. m.	Km.		1934.			H. M. S.	Sec.	m. m.	Km.	
June 13th	E	P (?)	02 02 00	...	...	7,200	Feeble shock.	July 19th		PS	08 02 21	...	...	...	
		iS	02 10 48	...	...	...				M	08 36 57	...	2.1	...	
		F	02 51 00	...	...	...				F	09 56 00	...	...	...	
June 14th	E	IP	22 15 21	...	...	2,490		July 21st	E	P	06 31 43	...	...	10,445	
		iS	22 19 26	...	...	...				PR <sub>1</sub>	06 35 26	...	...	...	
June 15th		F	00 06 00	...	...	...				PR <sub>2</sub>	06 37 19	...	...	...	
June 20th	E	P	09 18 47	...	...	2,680				Sc Pc S	06 42 12	...	...	...	
		iS	10 21 07	...	...	...				PS	06 43 52	...	...	...	
		F	10 07 00	...	...	...				SR <sub>1</sub>	06 49 14	...	...	...	
June 23rd	E	iS	05 30 13	...	...	2,945				PS	06 43 52	...	...	...	
		L	05 33 25	...	...	...				M	07 15 05	...	...	...	
		M	05 36 04	...	...	...		July 21st	E	e	10 59 05	...	...	...	Very distant; phases not clear.
		F	06 00 00	...	5.4	...				M	12 04 20	...	1.1	...	
June 24th		Very distant; phases not clear.													
June 29th	E	i	08 35 00	...	...	...		July 22nd	E	P	20 02 47	...	...	2,255	
		e	08 42 47?	...	...	...				iS	20 06 34	...	...	...	
		F	09 30 00	...	...	...				L	?	...	...	...	
July 6th	E	e	11 03 26	...	...	...	Feeble near shock.			M	20 10 55	...	...	...	
		F	11 14 00	...	...	...				F	...	...	6.4	...	
July 6th	E	e	23 26 33	...	...	...	Feeble distant shock.	July 28th	E	e	02 19 37	...	...	...	Tremor.
July 7th		F	01 03 00	...	...	...				F	02 35 00	...	...	...	
July 12th	E	ePR <sub>1</sub>	14 34 08	...	...	3,555		July 28th	E	i	21 55 03	...	...	...	Slight distant shock.
		S	14 38 42	...	...	...				M	22 37 36	...	...	...	
		eL	14 44 41	...	...	...				F	23 05 00	...	3.3	...	
		M	14 47 44	...	0.5	...									
		F	14 58 00	...	...	...		July 31st	E	iP	11 53 53	...	...	2,120	
July 18th	E	P <sub>1</sub>	01 56 15	...	...	17,000	Great shock.			iS	11 57 28	...	...	...	
		PR <sub>1</sub>	02 00 00	...	...	...				iL	11 59 06	...	...	...	
		PR <sub>2</sub>	02 03 30	...	...	...				M	12 00 38	...	...	...	
		ScPcPcS	02 07 09	...	...	...				F	12 21 00	...	1.6	...	
		PSc Pc S	02 10 20	...	...	...		Aug. 7th	...	P	03 53 14	...	...	11,780	
		PPS	02 13 19	...	...	...				P <sup>1</sup>	03 56 54	...	...	...	
		SR <sub>1</sub>	02 19 24	...	...	...				Sc Pc S	04 03 43	...	...	...	
		SR <sub>2</sub>	02 25 40	...	...	...				Sc Pc Pc S	04 04 48	...	...	...	
		M	03 20 30	...	...	...				eL	04 30 00	...	...	...	
		F	06 30 00	...	10	...				Mn	04 37 50	20	1.8	...	
July 18th	E	P <sub>1</sub>	17 20 35	...	...	...	Probably after shock of the previous great shock.			F	07 05 00	...	...	...	
		M	18 35 55	...	...	...				Another shock after 12h. 00m. 00s. Minute contact failed. Time not determinable.					
		F	...	...	1.6	...	F lost in the record.	Aug. 11th	E	iP	08 26 38	...	...	4,915	
July 19th	E	e	06 09 00	...	...	...	Feeble shock.			PR <sub>1</sub>	08 28 22	...	...	...	
		F	07 15 00	...	...	...				eS	08 33 18	...	...	...	
July 19th	E	P	07 50 07	...	...	10,330				SR <sub>1</sub>	08 36 19	...	...	...	
		PR <sub>1</sub>	07 53 43	...	...	...				SR <sub>2</sub>	08 37 21	...	...	...	
		ScPcS	08 00 33	...	...	...				L	08 40 11	...	...	...	

TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.
1934.			H. M. S.	Sec.	m.m.	Km.		1934.			H. M. S.	Sec.	m.m.	Km.	
		Mn	08 47 29	16	1.0	...		Sept. 9th	E	e	05 07 40	...	...	...	Feeble shock.
		F	09 59 00	...	...	...				F	05 25 00	...	...	...	
Aug. 11th	E	i	12 19 07	...	...	...	Feeble shock.	Sept. 11th	E	e	08 28 43	...	...	...	Feeble shock.
		F	13 23 00	...	...	...				F	08 55 00	...	...	...	
Aug. 12th	E	eP	23 58 04	...	...	5,360		Sept. 12th	E	e	14 54 10	...	...	...	Feeble shock.
		PR <sub>1</sub>	23 59 41	...	...	...				F	15 29 00	...	...	...	
Aug. 13th	...	PR <sub>1</sub>	00 00 11	...	...	...		Sept. 15th	E	e?	08 11 10	...	...	...	Feeble shock.
		iS	00 05 09	...	...	...				F	08 48 00	...	...	...	
		SP	00 05 56	...	...	...		Sept. 15th	E	e	12 06 26	...	...	...	Feeble shock.
		SR <sub>1</sub>	00 09 00	...	...	...				F	12 17 00	...	...	...	
		SR <sub>2</sub>	00 10 25	...	...	...		Sept. 16th	E	e	06 28 19	...	...	...	Feeble shock.
		L	00 14 08	...	...	...				F	06 59 00	...	...	...	
		Mn	00 18 44	18	6.8	...		Sept. 21st	E	iP	12 43 56	...	...	2,620	
		F	01 40 00	...	...	...				iPR <sub>1</sub>	12 44 26	...	...	...	
Aug. 26th	E	e	17 41 16	...	...	...	Feeble shock.			iS	12 48 12	...	...	...	
		F	17 55 00	...	...	...				iSR <sub>1</sub>	12 49 06	...	...	...	
Aug. 31st	E	eP	05 16 11	...	...	10,720				L	12 50 08	...	...	...	
		PR <sub>1</sub>	05 20 07	...	...	...				M	...	...	...	...	
		ScPcS	05 26 47	...	...	...				F	14 23 00	...	...	...	
		ScPcPcS	05 27 18	...	...	...		Sept. 23rd	E	e	01 30 50	...	...	...	Feeble shock.
		eS	05 27 42	...	...	...				F	01 50 00	...	...	...	
		SR <sub>1</sub>	05 34 35	...	...	...		Sept. 23rd	E	e	08 27 00	...	...	...	Feeble shock.
		L	?	...	...	...				F	09 21 —	...	...	...	
		Mn	05 57 48	...	0.5	...		Sept. 25th	E	iP	19 26 10	...	...	9,010	
		F	06 45 00	...	...	...				ePR <sub>1</sub>	19 29 05	...	...	...	
Aug. 31st	E	eP	15 03 53	...	...	3,165				iS	19 36 22	...	...	...	
		iS	15 08 50	...	...	...				IPS	19 37 02	...	...	...	
		SR <sub>1</sub>	15 10 02	...	...	...				SR <sub>1</sub>	19 41 30	...	...	...	
		L	15 11 55	...	...	...				L	19 51 52	...	...	...	
		M	15 14 06?	11	19	...				M	...	...	...	...	
		F	?	...	...	...	Minute contact not clear. lines overlapping.			F	20 15 00	...	...	...	
Sept. 1st	E	e	12 43 28	...	...	...	Feeble shock.	Sept. 25th	E	e	23 35 11	...	...	...	
		F	12 58 00	...	...	...		Sept. 26th	...	F	00 03 00	...	...	...	
Sept. 1st	E	e	13 15 47	...	...	...	Feeble shock.	Sept. 26th	E	e	01 16 59	...	...	...	Minute marks not clear.
		F	13 24 00	...	...	...				M	01 23 39	...	...	...	
Sept. 3rd	E	e	10 30 18	...	...	...	Feeble schock.			F	...	...	...	...	
		F	10 48 00	...	...	...		Sept. 26th	E	e	07 49 00	...	...	...	Feeble shock.
Sept. 4th	E	e	16 51 12	...	...	...	Distant feeble shock.			F	08 48 00	...	...	...	
		F	18 15 00	...	...	...		Sept. 26th	E	e	13 44 17	...	...	...	Feeble shock.
Sept. 6th			Lines overlapping. Feeble shock at about 02 h.							F	14 14 00	...	...	...	
Sept. 8th	E	e	06 56 02	...	...	...	Beginning un- certain: probably much earlier.	Sept. 26th	E	e	16 08 19	...	...	...	Feeble shock.
		Mn	07 01 09	7	0.9	...				F	16 22 00	...	...	...	
		F	07 29 00	...	...	...		Sept. 27th	E	e	03 52 29	...	...	...	Feeble shock.
										F	04 08 00	...	...	...	

TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.
1934.			H. M. S.	Sec.	m.m.	Km.		1934.			H. M. S.	Sec.	m.m.	Km.	
Oct. 5th	E	e	20 24 35	...	...	...	} Two distant feeble shocks overlapping.	Oct. 25th		eS	01 45 05	...	...	...	
		F	?	...	...	...				SR <sub>1</sub>	01 45 34	...	...	...	
		e	?	...	...	...				L	01 46 10	...	...	...	
		F	23 01 00	...	...	...				Mn	01 47 1	...	...	...	
Oct. 10th	E	e	13 55 45	...	...	...	Feeble shock.			F	02 24 00	...	...	...	
		F	14 13 00	...	...	...		Oct. 26th	E	P	14 52 25	...	...	4,020	
Oct. 10th	E	eP	15 54 39	...	...	11,785				PR <sub>1</sub>	14 53 43	...	...	...	
		PR <sub>1</sub>	15 58 45	...	...	...				PR <sub>2</sub>	14 54 27	...	...	...	
		PR <sub>2</sub>	16 01 06	...	...	...				iS	14 58 49	...	...	...	
		Sc Pc S	16 05 13	...	...	...				SR <sub>1</sub>	15 01 41	...	...	...	
		ScPcPcS	16 06 02	...	...	...				L	15 05 11	...	...	...	
		iS	16 06 31	...	...	...				Mn	?	...	...	...	
		PS	16 08 08	...	...	...				F	16 24 00	...	...	...	
		PPS	16 09 06	...	...	...		Oct. 26th	E	IP	17 20 33	...	...	5,800	
		SR <sub>1</sub>	16 14 03	...	...	...				PR <sub>1</sub>	17 22 25	...	...	...	
		SR <sub>2</sub>	16 18 29	...	...	...				S	17 28 03	...	...	...	
		L	16 31 05	...	...	...				SR <sub>1</sub>	17 31 28	...	...	...	
		M	16 39 08	...	...	...				SR <sub>2</sub>	17 33 00?	...	...	...	
		Mn	16 44 40	17	1.0	...				L	17 36 30	...	...	...	
		F	18 43 00	...	...	...				Mn	17 48 02	18	1.5	...	
Oct. 18th	E	eP	08 01 24	...	...	11,100				F	19 29 00	...	...	...	
		PR <sub>1</sub>	08 05 24	...	...	...		Oct. 27th	E	e	10 32 27	...	...	...	
		Sc Pc S	08 11 54	...	...	...				F	12 27 00	...	...	...	
		ScPcPcS	08 12 47	...	...	...		Oct. 28th	...	} Distant feeble shocks. No time marks.					
		S	08 13 20	...	...	...		Oct. 29th	...						
		PS	08 14 31	...	...	...		Nov. 2nd	E	e	15 29 00	...	...	...	Tremor.
		PPS	08 15 23	...	...	...				F	15 39 00	...	...	...	
		L	08 36 35	...	...	...		Nov. 4th	E	e	02 11 34	...	...	...	Part of the record lost while changing paper.
		Mn	08 44 34	17	0.6	...				i	02 18 17	...	...	...	
		F	10 41 00	...	...	...				L	?	...	...	...	
Oct. 19th	E	iP	21 03 29	...	...	2,545				Mn	02 52 44	22	3.6	...	
		eS	21 07 39	...	...	...				F	06 20 00	...	...	...	
		SR <sub>1</sub>	21 08 24	...	...	...		Nov. 5th	E	eP	23 15 34	...	...	10,600	
		L	21 09 27	...	...	...				iScPc S	23 26 02	...	...	...	
		Mn	21 11 28	7	4.5	...				PS	23 28 00	...	...	...	
		F	21 55 00	...	...	...		Nov. 6th	...	Mn	00 02 20	18	1.0	...	
Oct. 21st	E	iP	18 04 09	...	...	7,965				F	02 33 00	...	...	...	
		eS	18 13 33	...	...	...		Nov. 12th	E	iS ?	07 34 04	...	...	...	Beginning certain.
		PS	18 14 05	...	...	...				SR <sub>1</sub> ?	07 37 14	...	...	...	
		SR <sub>1</sub>	18 18 22	...	...	...				eL ?	07 40 58	...	...	...	
		SR <sub>2</sub>	18 21 13	...	...	...				Mn	07 46 30	20	1.5	...	
		L	18 27 11	...	...	...				F	?	...	...	...	
		Mn	?	...	...	...		Nov. 15th	E	eP	23 20 17	...	...	2,845	Epc. Kashmir: preliminary movements very feeble.
		F	18 59 00	...	...	...				S	23 24 40	...	...	...	
Oct. 22nd	E	e	01 10 22	...	...	...						...	...	...	
		F	01 35 00	...	...	...						...	...	...	
Oct. 25th	E	eP	01 42 18	...	...	1,580						...	...	...	

TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	
1934.			H. M. S.	Sec.	m.m.	Km.		1934.			H. M. S.	Sec.	m.m.	Km.		
Nov. 15th		iSR <sub>1</sub>	23 25 59	...	...	...		Nov. 30th		SR <sub>1</sub>	02 48 01	...	...	...		
		L	23 27 11	...	...	...				iSR <sub>2</sub>	02 54 00	...	...	...		
		Mn ?	23 29 21	?	0.7	...				eL	03 17 19	...	...	...		
		F	23 52 00	...	...	...				Mn	03 29 14	21	3.2	...		
Nov. 16th	E	e	10 49 00	...	...	...	Tremor.			F	05 52 00	...	...	...		
		F	11 27 00	...	...	...		Nov. 30th	E	e	21 46 00	...	...	...	Tremor.	
Nov. 16th	E	eP	13 54 32	...	...	8,360	Preliminary move- ments very feeble.			F	21 54 00	...	...	...		
		S	14 04 15	...	...	...		Dec. 3rd	E	e	02 57 59	...	...	...		
		PS	14 04 51	...	...	...				F	03 04 59	...	...	...		
		SR <sub>1</sub>	14 09 11	...	...	...		Dec. 3rd	E	e	03 54 33	...	...	...		
		L	14 18 25	...	...	...				F	04 58 59	...	...	...		
		Mn	14 25 12	23	0.6	...		Dec. 4th	E	e	17 44 11	...	...	...		
		F	16 11 00	...	...	...				F	19 38 59	...	...	...		
Nov. 18th	E	eP	03 27 48	...	...	2,735		Dec. 5th	E	e	08 21 48	...	...	...		
		iS	03 32 12	...	...	...				F	08 46 30	...	...	...		
		iSR <sub>1</sub>	03 33 17	...	...	...		Dec. 5th	E	e	21 31 18	...	...	...		
		Mn	03 36 35	10?	6.4	...				F	22 05 00	...	...	...		
		F	06 25 00	...	...	...		Dec. 7th	E	e	03 08 15	...	...	...		
Nov. 18th	E	iP	22 53 04	...	...	8,385				F	03 59 00	...	...	...		
		iS	23 02 48	...	...	...		Dec. 7th	E	e	05 46 08	...	...	...		
		iPS	23 03 18	...	...	...				F	06 24 00	...	...	...		
		L	23 18 12	...	...	...		Dec. 7th								
		Mn	23 24 40	30	1.0	...										
		F	?	...	...	...	Lines overlapping.	Dec. 7th							Lines overlapping.	
Nov. 19th		Feeble shock : lines overlapping and no minute marks.							Dec. 10th							Ditto.
Nov. 19th	E	e	08 01 00	...	...	...	Tremor.	Dec. 14th								Ditto.
		F	08 37 00	...	...	...		Dec. 15th	E	iP	02 02 50	...	...	2,590		
Nov. 22nd	E	e	22 29 00	...	...	...	Tremor.			iS	02 07 03	...	...	...		
		F	22 59 00	...	...	...				L	02 09 13	...	...	...		
Nov. 24th		Feeble shock ; lines overlapping ; times uncertain.									Mn	02 22 56?	20	51.0	...	
Nov. 25th	E	e	10 22 00	...	...	...	Tremor.	Dec. 15th	...	e	10 30 00	...	...	...		
		F	10 44 00	...	...	...				F	10 48 00	...	...	...		
Nov. 27th	E	P	06 23 03	...	...	5,290		Dec. 15th	...	e	19 31 53	...	...	...		
		PR <sub>1</sub>	06 24 46	...	...	...				F	20 36 00	...	...	...		
		iPR <sub>2</sub>	06 25 30	...	...	...		Dec. 16th	...	e	00 40 00	...	...	...		
		iS	06 30 04	...	...	...				F	00 51 00	...	...	...		
		iSR <sub>1</sub>	06 32 51	...	...	...		Dec. 18th	...	e	16 20 00	...	...	...		
		iSR <sub>2</sub>	06 34 22	...	...	...				F	16 30 00	...	...	...		
		L	06 37 53	...	...	...		Dec. 16th	...	e	20 51 00	...	...	...		
		Mn	06 43 27	22	1.7	...				F	21 01 00	...	...	...		
		F ?	08 18 00	...	...	...		Dec. 16th	...	e	23 46 00	...	...	...	Feeble shock.	
Nov. 29th	E	e	22 46 00	...	...	...				F	23 59 00	...	...	...		
		F	23 06 00	...	...	...		Dec. 17th	...	e	06 58 00	...	...	...		
Nov. 30th	E	P	02 25 13	...	...	16,765	Part of the record lost while chang- ing paper.			F	07 09 00	...	...	...		

TABLE D 4—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.
1934.			H. M. S.	Sec	m.m.	Km.		1934.			H. M. S.	Sec.	m.m.	Km.	
Dec. 17th	...	e	09 26 00	...	...	...		Dec. 21st		IS	12 48 34	...	...	...	
		F	09 37 00	...	...	...				L	12 51 25	...	...	...	
Dec. 17th	...	e	14 51 00	...	...	...				Mn	12 53 47	9.2	1.5	...	
		F	15 05 00	...	...	...				F	13 40 00	...	...	...	
Dec. 17th	E	eP	16 04 06	...	...	7,395		Dec. 22nd	E	IP	10 56 26	...	...	2,590	L-waves poor maximum movements in secondary; probably deep focus and of submarine origin
		PR <sub>1</sub>	16 07 00	...	...	...				S	11 00 40	...	...	...	
		S	16 13 28	...	...	...				SR <sub>1</sub>	11 01 33	...	...	...	
		PS	16 14 00	...	...	...				eL	11 02 35	...	...	...	
		SR <sub>1</sub>	16 18 23	...	...	...				F	12 27 00	...	...	...	
		SR <sub>2</sub>	16 21 08	...	...	...									
		eL	16 27 00	...	...	...									
		M	?	...	...	...		Dec. 22nd	E	e	14 49 00	...	...	...	
		F	?	...	...	...				F	17 59 00	...	...	...	
Dec. 18th	E	IP	11 27 29	...	...	2,590		Dec. 23rd	E	e	10 10 00	...	...	...	
		iS	11 31 42	...	...	...				F	11 51 00	...	...	...	
		eL	11 34 20	...	...	...									
		Mn	11 36 39	8	3.5	...		Dec. 25th	E	e	06 38 20	...	...	...	
		F	12 25 00	...	...	...				F	08 43 00	...	...	...	
Dec. 19th	E	e	03 10 30	...	...	...		Dec. 25th			Lines overlapping.				
		F	03 23 00	...	...	...		Dec. 27th	E	e	13 48 00	...	...	...	
Dec. 21st	E	IS ?	06 44 09	...	...	...	P not recorded.			F	14 06 00	...	...	...	
		L ?	06 47 00	...	...	...		Dec. 28th	E	e	11 49 29	...	...	...	
		Mn	06 49 10	9.2	1.0	...				F	14 01 00	...	...	...	
		F	07 15 00	...	...	...		Dec. 30th			Lines overlapping.				
Dec. 21st	E	IP	12 44 14	...	...	2,680		Dec. 31st			Distant moderate shock: lines missing in middle and end.				

Solar Physics Observatory,  
Kodaikanal.

T. ROYDS,  
Director.

The following table contains a list of earthquakes that were reported by voluntary Observers from various stations.

TABLE D-5.

Place at which felt.	Date.	G.M.T. of earthquake.	Duration.	Intensity (Rossi-Forel scale).	No. of shocks.	Remarks.	Place at which felt.	Date.	G.M.T. of earthquake.	Duration.	Intensity (Rossi-Forel scale).	No. of shocks.	REMARKS.
	1934.	H. M.	Sec.					1934.	H. M.	Sec.			
Dhubri . . . . .	Jan. 1	13 19	14	7	2		Ajmer . . . . .	Jan. 15	08 45	54	8	...	
Mandalay . . . . .	" 1	22 30	2-3	3	2		Narayanganj . . . . .	" 15	08 42	60	5	4	
Do. . . . .	" 3	00 30	1-2	3	1		Gauhati . . . . .	" 15	08 49	225	7	1	
Do. . . . .	" 4	08 30	1-2	3	1		Chittagong . . . . .	" 15	08 48	5	4	2	
Myitkyina . . . . .	" 4	03 14	2 5	6	2		Salona . . . . .	" 15	08 55	180	8	...	Slow vibrations.
		04 13							Jaipur . . . . .	" 15	08 48	300	6
Andipatti (Madura Dist.)	" 11	21 15	10	5	...		Yatung, Tibet . . . . .	" 15	08 48	80-90	9	...	Several tremors.
Sibsagar . . . . .	" 14	03 50	65	5	1		Kaira Distt. . . . .	" 15	08 55	...	5	...	Buildings damaged.
Chittagong . . . . .	" 14	15 03	3	4	1		Deesa . . . . .	" 15	09 00	3	3	1	
Srinagar . . . . .	" 15	08 50	2	6	1		Srinagar . . . . .	" 16	23 23	6	6	2	separate shocks.
Cocanada . . . . .	" 15	08 43	120	5	6		Sonamarg . . . . .	" 16	23 28	6	6	5	
Roorkee . . . . .	" 15	08 50	60	6	1		Dras . . . . .	" 16	23 30	10	7	2	
Indore . . . . .	" 15	08 50	90	4	2		Several tremors. Drosh . . . . .	" 17	00 22	40	6	3	
Hazaribagh . . . . .	" 15	08 41	240	7	...	Several tremors.	Hazari Bagh . . . . .	" 19	18 42	180	5	...	Several tremors.
Daltonganj . . . . .	" 15	08 43	300	8	1	Almost all the buildings cracked.	Daltonganj . . . . .	" 19	18 40	60	9	...	Post Office building cracked.
Pachmarhi . . . . .	" 15	08 40	120	5	1		Nowgong . . . . .	" 19	18 50	30	5	1	
Masulipatam . . . . .	" 15	08 30	120	4	1		Dhubri . . . . .	" 21	02 30	4	6	1	
Poona . . . . .	" 15	08 50	6	3	1		Barmer . . . . .	" 27	07 22	3	5	1	
Sambhar (Jodhpur State)	" 15	07 48	90	...	...		Peshawar . . . . .	" 27	22 15	10	5	1	
Didwana (Do.) . . . . .	" 15	08 45	90	...	...		Naya Dumka . . . . .	Feb. 8	14 30	1½	3	1	
Nagur (Do.) . . . . .	" 15	08 45	60	...	...		Salona . . . . .	" 14	09 08	30	3	1	
Merta (Do.) . . . . .	" 15	08 50	60	...	...		Dhubri . . . . .	" 19	07 13	4	7	1	
Jodhpur (Do.) . . . . .	" 15	08 50	25-30	6	3		Do. . . . .	" 19	07 28	3	7	1	
Bilara (Do.) . . . . .	" 15	08 46	180	...	...		Akyab . . . . .	" 24	15 24	3	6	2	
Chandbali . . . . .	" 15	08 50	...	...	...		Salona . . . . .	Mar. 7	15 55	3-4	4	1	
Cawnpore . . . . .	" 15	08 40	240	8	...	Houses cracked & collapsed. Mosque pillar cracked.	Shillong . . . . .	" 7	19 29	1	4	2	
Bahraich . . . . .	" 15	...	...	...	...		Gilgit . . . . .	" 11	02 25	3-4	6	1	
Berhampore . . . . .	" 15	08 40	240	...	...		Salona . . . . .	" 17	18 15	6	4	1	
Delhi . . . . .	" 15	08 51	...	...	...		Drosh . . . . .	" 20	14 25	5	5	1	
Calingapatam . . . . .	" 15	08 50	30	...	...		Yatung, Tibet . . . . .	Apr. 3	06 59	5	5	...	Several tremors.
Akyab . . . . .	" 15	08 51	5	3	3		Do. . . . .	" 11	20 47	3	5	1	
Shillong . . . . .	" 15	08 45	200	4	...	Series of tremors.	Didwana (Jodhpur State).	" 14	01 30	10	...	...	
Lahore . . . . .	" 15	09 00	2-3	3	1		Drosh . . . . .	" 22	05 50	2	6	2	
Dhubri . . . . .	" 15	08 41	56	8	6		Do. . . . .	" 23	02 00	2	6	2	
Nowgong . . . . .	" 15	08 50	240	8	3		Johi (Dadu Dist.) . . . . .	May 1	03 40	2	4	2	
Khulna . . . . .	" 15	08 43	135	6	...	Mild vibrations.	Dadu . . . . .	" 1	03 45	2	4	2	
Rangpur . . . . .	" 15	08 44	80	8	...		Mehar (Dadu Distt.) . . . . .	" 1	03 55	1	4	2	
Sibsagar . . . . .	" 15	08 46	272	5	1		Schwan . . . . .	" 1	03 55	2	4	2	
Mymensingh . . . . .	" 15	08 45	180	7	1		Kakar (Dadu Dist.) . . . . .	" 1	03 55	2	4	2	
Peshawar . . . . .	" 15	08 50	60	5	2		Cooch Behar . . . . .	" 22	19 06	10	5	1	
Muktesar . . . . .	" 15	08 50	60	5	2		Srinagar (Kashmir) . . . . .	" 24	12 25	2	7	1	
Cherrapunji . . . . .	" 15	08 46	10	2	3		Faridpur . . . . .	June 2	05 57	1	4	1	
Ranchi . . . . .	" 15	08 42	180	9	2	Buildings damaged.*	Gauhati . . . . .	" 2	05 55	10	6	1	
Faridpur . . . . .	" 15	08 47	120	7	4		Shillong . . . . .	" 2	05 56	80	5	2	
Cooch Behar . . . . .	" 15	08 46	180	8	1		Salona . . . . .	" 2	05 53	90	6	3	
							Sibsagar . . . . .	" 2	05 53	10	0	1	
							Naya Dumka . . . . .	" 2	05 50	2	2	1	

TABLE D 5—contd.

Place at which felt.	Date.	G.M.T. of earthquake.	Duration.	Intensity (Rossi-Forel scale).	No. of shocks.	REMARKS.	Place at which felt.	Date.	G.M.T. of earthquake.	Duration.	Intensity (Rossi-Forel scale).	No. of shocks.	REMARKS.
	1934.	H. M.	Sec.					1934.	H. M.	Sec.			
Cherrapunji	June 2	05 55	15	3	2		Yatung, Tibet	Aug. 30	13 33	30	4	...	Several tremors.
Dhubri	" 2	05 56	56	6	3		Shillong	Sept. 2	10 49	2	5	1	
Dera Ismail Khan	" 13	22 20	5	5	2		Salona	" 10	20 30	6	5	1	
Rawalpindi	" 13	22 16	30	3	1		Dhubri	" 23	08 48	22	6	2	
Gwador	" 13	22 15	...	5	...		Cooch Behar	" 24	15 41	5	6	1	
Mehar (Dadu Dist.)	" 13	22 00	1	3	1		Lahore	" 26	01 10	3	3	1	
Kakar, (Dadu Dist.)	" 13	22 00	2	3	2		Peshawar	" 26	01 05	180	4	2 or 3	
Cooch Behar	" 16	21 14	12	6	1		Drosh	" 26	01 08	20	6	3	
Dhubri	" 16	20 14	20	7	3		Srinagar (Kashmir)	" 26	01 08	2	4	1	
Shillong	" 16	20 14	7	5	2		Gulmarg	" 26	01 11	2	6	1	
Gauhati	" 16	20 15	5	6	1		Dhubri	Oct. 20	04 24	3	6	1	
Salona	" 16	20 08	2	4	1		Drosh	" 25	10 20	30	6	3	
Drosh	July 5	08 28	50	6	3		Salona	Nov. 9	06 07	15	5	1	
Gauhati	" 13	23 21	15	6	1		Dhubri	" 9	07 25	18	6	3	
Salona	" 13	23 03	10	6	...		Drosh	" 15	23 16	90	5	6	
Shillong	" 15	02 07	5	5	1		Srinagar (Kashmir)	" 15	23 20	3	5	1	
Cooch Behar	" 15	02 06	10	6	1		Drosh	" 17	11 16	13	6	1	
Dhubri	" 15	02 08	12	6	2		Dera Ismail Khan	" 18	03 24	1/2	6	2	
Gauhati	" 15	02 11	5	6	1		Drosh	" 18	03 23	120	8	9	
Poona	" 16	23 50	5	5	1		Sialkot	" 18	03 30	15	5	2	
Salona	" 18	13 07	2-3	3	1		Peshawar	" 18	03 20	150	7	2 or 3	
Drosh	" 22	19 30	5	8	1	Civil Hospital buildings walls cracked in some places.	Cherat	" 18	03 21	15	6	2	
Do.	" 22	19 50	60	8	1		Rawalpindi.	" 18	03 12	40	8	2	
Srinagar (Kashmir)	" 22	20 02	5	8	2		Muzaffarabad	" 18	03 20	5	4	2	
Gulmarg	" 22	19 56	7	8	3		Srinagar (Kashmir)	" 18	03 23	5	8	2	
Miranshah	" 22	20 10	4	5	5		Gilgit	" 18	03 22	45	6	2	
Gilgit	" 22	20 10	2-3	6	2		Kabul	" 18	03 37	30	5	1	
Peshawar	" 22	19 56	90	8	3	Buildings damaged.	Sonamarg	" 18	03 20	18	6	1	
Rawalpindi.	" 22	19 58	40-45	7	1		Dras	" 18	03 20	18	6	1	
Sialkot	" 22	19 55	100-130	6	3		Skardu	" 18	03 21	60	6	7	
Cherat	" 22	20 02	98	8	2		Lahore	" 18	03 25	50-60	5	3	
Dera Ismail Khan	" 22	19 58	12	5	4		Parachinar	" 18	03 25	3	...	...	
Dros	" 22	19 56	40	9	2	Walls cracked.	Gurez	" 18	03 40	about half	2	2	
Salona	" 27	03 36	5-7	3	1		Skardu	" 19	09 57	3	3	1	
Dras	" 29	04 11	24	8	3		Akyab	" 23	09 38	2	6	3	
Salona	Aug. 2	01 10	3	5	1		Salona	Dec. 8	07 09	6-8	4	1	
Sibeagar	" 2	02 05	6	4	1		Drosh	" 10	20 11	4	5	1	
Salona	" 3	02 03	8	4	...	Small vibrations.	Chittagong	" 16	19 13	5	3	1	
Skardu	" 3	09 00	10	6	1		Drosh	" 27	13 46	3	6	3	
							Peshawar	" 27	13 40	15	5	1	

 Meteorological Office,  
Poona.

 J. M. SIL,  
Meteorologist.

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<b>CYCLONE MEMOIRS—</b>		Part IV. The winds of Karachi . . . . .	F. Chambers.
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Ditto.

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Ditto.

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Ditto.

Ditto.

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