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International
Seismological
Centre

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1935

ANNUAL SUMMARY

PART D.

SEISMIC RECORDS.

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Director General of Observatories.

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Errata to India Weather Review, 1935, Annual Summary, Part D.

Page.	Place.	For.	Read.
D 4	April 16, hour 0 44 50, column phase	\bar{iS}	$i\bar{S}$
D 8	July 29, hour 7 52 39, column phase	P^1	P'
D 9	August 23, hour 14 13 9, column phase	SR	SR_1
D 15	January 1, hour 13 38 46, column phase	$eP^1(?)$	$eP'(?)$
D 23	July 29, hour 8 1 22, column phase	$\overline{ScPc PcS}$	$\overline{ScPc PcS}$
D 29	December 28, hour 2 53, column amplitude	12	>1250
D 30	Station co-ordinates, height above M. S. L.	7. slight 1 metre	7.1 metres
D 31	January 31, hour 12 3 10, column phase	P	\bar{P}
D 36	September 15, hour 14 30 7, column phase	P_1	P'
D 39	December 14, hour 22 24 59, column phase	P_1	P'
D 43	May 30, hour 21 51, column amplitude	7334	>334
D 44	July 29, hour 7 52 17, column phase	eP_1	eP'

ERRATUM: OMIT THE COLUMN "ε" FROM THE TABLES OF
CONSTANTS OF MILNE-SHAW SEISMOGRAPH PRINTED AT
THE TOP OF THE BOMBAY SEISMIC DATA FOR THE
YEARS 1923 TO 1931.

INDIA WEATHER REVIEW, 1935.

ANNUAL SUMMARY.

PART D.

SEISMIC RECORDS.

Station—Upper Air Observatory, Agra.

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

Height above m. s. l. 163 metres. Lithologic Foundation—Indo-Gangetic Alluvium.

Instruments—Omori-Ewing Seismograph North-South (N) component, and Milne-Shaw Seismograph East-West (E) component, both installed in an underground constant temperature room.

INSTRUMENTAL CONSTANTS.

Component	Steady mass (Kg.)	T (sec.)	Vm	ε	Paper speed (mm./min.)
N	45	32.5	29	1	12
E	0.47	12	250	20:1	8

TABLE D₁.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Jan. 2	E	eP eP̄ S SR ₁ S̄ Mn	22 25 34	...	...	940	Apparently an after shock of the great Tibet earthquake of Dec. 15, 1934.	Jan. 4	E	P P̄ S F	8 3 10	...	...	975	
			26 24	...	...	...					3 58	...	...	...
			27 14	...	...	...					4 55	...	...	...
			27 26	...	...	...		Jan. 4	E	e F	10 27 34	...	...	...
			28 31	...	...	...					55 ...	...	...	...
			30 12	7	11	...		Jan. 4	E	iP PR ₁ iPR ₂ iS SR ₁ SR ₂ L Mn F	14 49 34	...	...	4820	Epc: Turkey. Destructive in Marmara Islands.
Jan. 3	N,E	iP iS S̄ Mn F	1 52 34	...	...	980	Great Epc: Tibet.				51 3	...	...	...
			54 18	...	...	...					51 44	...	...	...
			55 8	...	...	...					56 3	...	...	...
			...	...	>897	...	Motion of recording pen restricted by side-stops for about 3 minutes.				58 39	...	...	...
			3 23	...	...	...					59 51	...	...	...
Jan. 3	E	e F	14 36 41	...	...	...	Tremors.				15 2 29	...	...	...
			45	...	...	...					6 14	...	...	...
Jan. 3	E	F	17 15	...	...	...	Do.				Covered by the following shock.	...	...	4820	Aftershock of the Turkey earthquake.
Jan. 3	E	e	18 22 13	...	...	...	Do.	Jan. 4	E	P ePR ₁ PR ₂ S SR ₁ SR ₂ L Mn F	16 28 8	...	...	...
Jan. 3	E	e	18 31 19	...	...	...	Do.				29 39	...	...	...
Jan. 3	E	e	22 43 22	...	...	...					30 22	...	...	...
Jan. 4	E	e S S̄ F	5 10 2	...	...	900					34 37	...	...	...
			10 39	...	...	...					37 27	...	...	...
			11 34	...	...	...					38 27	...	...	...
			22	...	...	...					41 3	...	...	...
			...	...	...	...					47 5	16	25	...	
			...	...	...	...					Covered by the following shock.	...	...	...

TABLE D₁—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.	
1935.								1935.							
Jan. 4	E	e	17 55 31	...	...	...		Jan. 11	E	e	21 15 59	...	...	...
		F	18 7 ...	...	...	...				e	18 7 ...	...	...	...
Jan. 4	E	e	21 49 27	...	...	...				F	41 ...	...	...	...
		F	22 0 ...	...	...	...		Jan. 13	E	e	20 7 10	...	...	...
Jan. 4	E	e	23 51 34	...	...	...		Jan. 14	E	e	2 16 7	...	...	...
		F	0 3 ...	...	...	...				i	20 37	...	...	...
Jan. 5	E	P	10 14 49	...	...	4555				F	49 ...	...	...	...
		IS	21 5 ...	...	...	...		Jan. 14	E	e	22 36 12	...	...	...
		F	11 1 ...	...	...	...				i	43 26	...	...	...
Jan. 5	E	e	16 26 55	...	...	...		Jan. 17	E	i	2 32 25	...	...	...
		F	17 1 ...	...	...	...		Jan. 18	E	i	2 13 50	...	...	...
Jan. 6	E	iP	7 12 33	...	...	945		Jan. 18	E	e	17 21 40	...	...	...
		P	13 26	...	...	...				Mn	41 35	16	10	...	
		IS	14 15	...	...	...				F	18 25 ...	...	...	...
		S*	14 48	...	...	...		Jan. 19	E	i	17 57 32	...	...	...
		S	15 14	...	...	...				F	18 1 ...	...	...	...
		Mn	16 42	11	13	...		Jan. 22	E	e	3 16 28	...	...	...
		F	43 ...	...	...	...				F	29 ...	...	...	...
Jan. 6	E	e	11 26 7	...	...	...		Jan. 22	E	i	15 7 34	...	...	...
		F	44 ...	...	...	...				i	16 18	...	...	...
Jan. 6	E	e	17 59 27	...	...	...				F	16 10 ...	...	...	...
		F	18 12 ...	...	...	...		Jan. 23	N, E	P	7 36 20	...	...	9200	Epc : Near Alaska.
Jan. 7	E	i	2 55 1	...	...	...	Felt at Gauhati in Assam.		E	PR ₁	39 26	...	...	...
		F	57 ...	...	...	...			E	ScPcS	46 25	...	...	...
Jan. 7	E	e	12 45 39	...	...	...			N	ScPcS?	46 30	...	...	...
		F	52 ...	...	...	...			E	PS	47 27	...	...	...
Jan. 8	E	e	13 4 49	...	...	...			N, E	SR ₁	52 17	...	...	...
		F	88 ...	...	...	...			E	SR ₂	55 30	...	...	...
Jan. 9	E	e	4 18 31	...	...	...	Slight.		E	L	8 3 27	...	...	...
		S	14 44	...	...	...			E	Mn	15 46	19	76	...	
		S	15 44	...	...	...			N	Mn	17 44	22	126	...	
		F	Covered by the following shock.			...			E	F	11 14 ...	...	...	...
Jan. 9	E	i	4 20 6	...	...	...		Jan. 26	E	e	18 13 21	...	...	...
		F	31 ...	...	...	...				F	35 ...	...	...	...
Jan. 9	E	e	16 45 5	...	...	...		Jan. 31	E	eP	12 3 43	...	...	1355	Felt at Jorhat in Assam.
		F	57 ...	...	...	...				S	6 8	...	...	...
Jan. 10	E	e	11 26 29	...	...	...				F	23 ...	...	...	...
		i	27 35	...	...	...		Jan. 31	E	e	18 2 58	...	...	...
		F	52 ...	...	...	...				i	10 ...	...	...	...
Jan. 11	E	eP	0 15 43	...	...	4445		Feb. 2	E	e	15 33 36	...	...	...
		PR ₂ ?	17 41	...	...	...				i	35 11	...	...	...
		S	21 49	...	...	...				F	44 ...	...	...	...
		SR ₂	24 56	...	...	...		Feb. 2	E	e	23 29 32	...	...	...
		F	Lost while changing the chart.			...				F	38 ...	...	...	...

TABLE D₁—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	Km.		
Feb. 3	N	P	2 13 0	...	...	1000	Felt in North India.	Feb. 27	W	P	9 18 29	...	...	5545	
	E	iP	13 5	...	...	...				S	25 47	...	...	...
	N	iS	15 2	...	...	...				F	10 16	...	...	...
	E	iS	14 59	...	...	...		Mar. 2		e	6 10 25	...	...	...
	E	F	3 39	...	...	...				V	23	...	...	...
Feb. 3	N	e	16 42 33	...	...	...		Mar. 3	E	eP	22 48 29	...	...	1055	
	E	e	41 9	...	...	...				iS	50 13	...	...	...
	E	Mn	47 30	10	7	...				S*	50 53	...	...	...
	N	F	17 5	...	...	...				eS?	51 29	...	...	...
	E	F	34	...	...	...				Mn	53 3	10	8	...	
Feb. 4	E	i	8 2 25	...	...	...				F	23 16	...	...	...
		F	39	...	...	...		Mar. 4	E	P	16 17 37	...	...	1055	
Feb. 4	E	e	21 16 35	...	...	...			N	e	19 23	...	...	...
		i	24 4	...	...	...			E	S	19 21	...	...	...
		F	50	...	...	...			E	S	20 33	...	...	...
Feb. 7	E	e	17 37 17	...	...	...			E	Mn	22 23	8	9	...	
		e	43 33	...	...	...			N	F	43	...	...	...
		F	18 34	...	...	...			E	F	52	...	...	...
Feb. 19	E	e	20 19 37	...	...	...		Mar. 5	E	e	3 33 5	...	...	...
		e	27 11	...	...	...				i	35 15	...	...	...
		F	21 15	...	...	...				F	44	...	...	...
Feb. 21	E	e	18 44 11	...	...	...		Mar. 5		e	10 31 46	...	...	...
		i	48 59	...	...	...				e	35 58	...	...	...
		F	19 26	...	...	...		Mar. 5	N, E	iP	22 16 51	...	...	310	Epc: Rohilkhand in U. P. Felt through out North India.
Feb. 22	N	e	9 19 16	...	...	...			N	iS	17 45	...	...	...
	E	e	4 25	...	...	...		Mar. 6	E		0 1	...	...	...
	E	Mn	21 27	14	10	...		Mar. 7	E	e	7 32 37	...	...	...
	E	F	58	...	...	...				F	54	...	...	...
Feb. 22	N	e	17 17 28	...	...	8045	Epc: Aleutian Archipelago.	Mar. 7	E	e	10 46 41	...	...	...
	E	eP	17 23	...	...	...				F	11 29	...	...	...
	E	PR ₁	20 19	...	...	...		Mar. 11	E	e	11 36 37	...	...	...
	E	S	26 43	?	...	...	Failure of light near S.			e	40 1	...	...	...
	E	SR ₁	31 39	?	...	...				Mn	51 25	15	6	...	
	E	SR ₂	34 25	...	...	...				F	12 22	...	...	...
	E	L	40 35	...	...	...		Mar. 11	E	e	15 21 13	...	...	...
	N	Mn	46 55	23	53	...		Mar. 11	E	e	20 13 54	...	...	...
	E	Mn	49 10	19	179	...				F	30	...	...	...
Feb. 23	N	F	18 48	...	...	...		Mar. 13	E	e	3 19 1	...	...	...	Felt at Netrakona in Bengal.
	E	i	3 58 52	...	...	...				i	21 11	...	...	...
		F	5 1	...	...	...				F	45	...	...	...
Feb. 23	E	e	21 14 17	...	...	...		Mar. 15	N, E	P	10 34 42	...	...	310	A slight aftershock of Rohilkhand earthquake.
		F	35	...	...	...			N, E	iS	35 37	...	...	...
Feb. 25	N	e	2 59 47	...	...	4580			N	F	47	...	...	...
	E	iP	59 41	...	...	...			E	F	11 2	...	...	...
	N	i	3 6 22	...	...	...						...	...	...
	E	S	6 4	...	...	...						...	...	...
		SR ₁	8 24	...	...	...						...	...	...
		SR ₂	9 23	...	...	...						...	...	...
		F	4 23	...	...	...						...	...	...

TABLE D₁—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	μ	Km.		
Mar. 15	E	e	12 7 5	...	...	...		Apr. 5	E	i	18 58 41	...	...	...
Mar. 15	E	e	12 30 55	...	...	...				F	19 8 ...	...	...	...
		F	58 ...	...	...	...						...	...	...
Mar. 16	E	e	8 0 2	...	...	...		Apr. 10	E	e	12 26 52	...	...	...
		i	7 53	...	...	...				F	13 32 ...	...	...	...
		F	46 ...	...	...	...		Apr. 10	E	e	19 48 57	...	...	...
Mar. 17	E	i	13 14 6	...	...	...				F	20 10 ...	...	...	...
		F	17 ...	...	...	...		Apr. 11	E	iP	1 22 46	...	...	2455	
Mar. 17	E	e	20 31 36	...	...	...			N	eP	22 52	...	...	...
		F	45 ...	...	...	...			E	iS	26 48	...	...	...
Mar. 17	E	e	22 40 4	...	...	...			N	eS	27 ...	...	...	...
		F	23 5 ...	...	...	...			E	SR ₁	27 47	...	...	...
Mar. 20	E	eP	23 9 49	...	...	9500			E	L	29 9	...	...	...
		ScPcS	20 11	...	...	...			E	Mn	34 30	16	33	...	
		PS	21 11	...	...	...			E	F	3 13 ...	...	...	...
		SR ₁	25 55	...	...	...		Apr. 11	E	e	4 36 26	...	...	...
		F	Masked by the following shock.							F	56 ...	...	...	...
Mar. 21	N,E	iP	0 6 36	...	...	1110	Epc: North Bengal.	Apr. 11	N	e	23 19 51	...	...	2645	Epc: Iran (Near Caspian Sea) Destructive.
	N,E	S	8 40	...	...	...			E	iP	19 44	...	...	...
	N,E	F	Lost while changing chart.				Felt practically throughout Bengal.		E	PR ₁	20 27	...	...	...
Mar. 21	E	e	8 27 51	...	...	...			N,E	iS	24 2	...	...	...
		F	42 ...	...	...	...			E	SR ₁	24 58	...	...	...
Mar. 24	E	i	0 2 2	...	...	...			E	L	26 14	...	...	...
		Mn	5 32	10	7	...			N,E	F	Lost while changing chart.				
		F	25 ...	...	...	...		Apr. 12	E	P	1 11 41	...	...	2565	An aftershock of the Iranian Earthquake.
Mar. 28	E	i	23 55 22	...	...	...				PR ₁	12 7	...	...	...
		i	0 1 22	...	...	...				S	15 51	...	...	...
		F	Lost while changing chart.							SR ₁	16 47	...	...	...
Mar. 29	E	e	12 44 ...	...	...	...		Apr. 12	E	iP	12 49 34	...	...	2620	Do.
		i	53 34	...	...	...				PR ₁	50 3	...	...	...
Mar. 30	E	eP	21 29 1	...	...	5700				iS	53 46	...	...	...
		iS	36 30	...	...	...				SR	54 36	...	...	...
		PS	37 1	...	...	...				Mn	13 0 14	11	14	...	
		eSR ₁	40 11	...	...	...				F	14 0 ...	...	...	...
		Mn	54 47	15	18	...						...	...	...
		F	23 16 ...	...	...	...		Apr. 12	E	P	22 36 54	...	...	2620	An aftershock of the Iranian Earthquake.
Mar. 31	E	e	3 37 17	...	...	...				ePR ₁	37 23	...	...	...
		F	4 12 ...	...	...	...				iS	41 7	...	...	...
Apr. 3	E	e	6 59 45	...	...	...				SR ₁	42 11	...	...	...
		F	8 14 ...	...	...	...				F	23 21 ...	...	...	...
Apr. 3	E	e	10 2 48	...	...	...		Apr. 16	E	e	0 43 5	...	...	...	Felt at Darbhanga.
		F	9 ...	...	...	...				iS	44 50	...	...	...
Apr. 3	N	eP	11 14 35	...	...	1078	Epc: Along western border of Kashmir in N.-W. F. Province.			F	Lost while changing chart.				
	E	iP	14 31	...	...	...		Apr. 18	E	e	15 6 26	...	...	...
	N,E	iS	16 31	...	...	...				F	32 ...	...	...	...
	N	F	39 ...	...	...	...						...	...	...

TABLE D₁—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	Km.	μ	Km.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.				
Apr. 19	N	e	15 32 55	...	...	5905		Apr. 24	E	iP	15 58 42	...	...	2765			
	E	iP	32 40	...	...	...				PR ₁	59 7	...	...	...	
	E	PR ₁	34 50	...	...	...				S	16 3 5	...	...	...	
	E	PR ₂	35 50	...	...	...				SR ₁	4 10	...	...	...	
	N	i	40 16	...	...	...				L	5 22	...	...	...	
	E	iS	40 25	...	...	...				Mn	8 42	11	21	...			
	E	PS	40 50	...	...	...				F	17 38	...	...	...	
	E	SR ₁	44 11	...	...	...		Apr. 24	E	e	17 53 29	...	...	...	
	E	SR ₂	45 58	...	...	...				i	54 39	...	...	...	
	E	L	49 22	...	...	...				Mn	55 56	12	7	...			
	N	Mn	55 41	26	517	...				F	18 12	...	...	...	
	E	Mn	58 15	20	258	...		May 1	E	eP	10 30 59	...	...	3490			Destructive in the district of Kars in N. E. Turkey.
	E	F	19 53	...	...	...			E	PR ₁	31 55	...	...	...	
Apr. 19	E	e	20 43 13	...	...	...			N,E	S	36 14	...	...	...	
	E	e	48 40	...	...	...			E	SR ₁	38 2	...	...	...	
	E	F	22 8	...	...	...			E	L?	40 22	...	...	...	
Apr. 20	E	P	5 20 11	...	...	5920			N	F	11 11	...	...	...	
		PR ₁	22 31	...	...	...			E	F	12 15	...	...	...	
		iS	27 52	...	...	...		May 4	E	e	23 11 23	...	...	...	
		PS	28 23	...	...	...				F	Lost while changing chart.						
		SR ₁	31 31	...	...	...		May 7	E	eP	6 4 21	...	...	5490			
		L	36 43	...	...	...				S	11 33	...	...	...	
		Mn	45 30?	20	...	...				Mn	28 54	...	...	...	
Apr. 20	E	i	7 51 47	...	...	...				F	7 25	...	...	...	
		F	57	...	...	...		May 10	E	eP	17 9 29	...	...	2700			
Apr. 20	N	e	22 9 47	...	...	4300	Great. Destructive in Formosa. Δ from (P—SR ₁) interval.			S	13 45	...	...	...	
	E	P	9 21	...	...	...				SR ₁	14 49	...	...	...	
	E	PR ₁	10 45	...	...	...				eL	16 6	...	...	...	
	E	iS	15 11	...	...	...				eM	18 13	...	...	...	
	E	SR ₁	17 40	...	...	...				F	18 14	...	...	...	
	E	SR ₂	18 25	...	...	...		May 12	E	eP	5 23	...	...	1165			
Apr. 20	E	L	22 20 13	..	...	...			E	eS	25 8	...	...	...	
	N	M	23 36	...	...	...			N,E	S	26 22	...	...	...	
	N	Mn	25 36	19	220	...			E	Mn	27 13	11	29	...				
	E	Mn	27 24	...	...	...			E	F	6 9	...	...	...	
	N	F	23 25	...	...	...		May 13	E	e	2 19 17	...	...	...	
	E	F	Lost while changing chart.						F	33			
Apr. 21	E	e	7 36 24	...	...	...		May 13	N,E	eP	19 58 31	...	...	2510			
	E	iS	41 19	...	...	...				PR ₁	59 9	...	...	...	
	E	Mn	55 7	19	12	...			N	eS	20 2 45	...	...	...	
	E	F	9 3	...	...	...			E	iS	2 38	...	...	...	
Apr. 22	E	i	13 21 31	...	...	...			N	eSR ₁	3 37	...	...	...	
		F	37	...	...	...			E	SR ₁	3 31	...	...	...	
Apr. 23	N,E	P	16 49 11	1465	Felt practically throughout the Province of Bengal.			N	eL	4 51			
	N,E	iS	51 48	...	...	...			E	L	4 47	...	...	...	
	N	F	71 22	...	...	...			E	M	6 47	...	...	...	
	E	F	18 0	...	...	...			E	Mn	9 49	12	36	...			
		F	...	...	...	...			N	F	39	...	...	...	
		F	...	...	...	...			E	F	22 4	...	...	...	

TABLE D₁—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.		
May 14	E	ePR ₁ ScPcS PS F	23 43 5 48 33 53 51	... ... ...	... ... ...	13000	△ From (PS ^c ePR ₁)	May 28	E	e F	17 31 43 18 6 ...	... ...	... ...	...
			Masked by the following shock.						May 29	E	e F	19 56 3 20 39	
May 15	E	P	2 3 48	...	...	945	Felt in some parts of Upper Sind.	May 30	N	eP	21 35 15	...	...	1020	Disastrous Quetta Earthquake.
	N,E	P	4 18	...	...	...			E	P	35 11	...	...	...
	N,E	S	5 31	...	...	...			N,E	P*	35 46	...	...	...
	N	F	45 ...	...	...	...			N	P	36 10	...	...	...
	E	F	3 54 ...	...	...	...			N,E	S	37 ...	...	...	...
May 16	E	eP	17 27 12	...	...	1265			N	S*	37 34	...	...	...
	N,E	S	29 30	...	...	...			N	S	38 10	...	...	...
	E	M	31 18	...	...	...			N	Mn	?	...	>1590	...	Motion of the recording pen restricted by stops for about 7 minutes.
	N	F	18 46 ...	...	...	...			E	F	Masked by the following shock.				
	E	F	47 ...	...	...	...		May 30	E	eP	23 36 22	...	...	1020	Apparently aftershock of Quetta Earthquake.
May 16	E	e	21 1 21	...	...	...			N	e	38 17	...	...	...
		F	23 31 ...	...	...	...			E	eS	39 10	...	...	...
									E	S	39 17	...	...	...
May 21	E	P	4 24 45	...	...	975	Felt at Dhubri, Assam.		E	F	Masked by the following shock.				
	N,E	P*	25 12	...	...	...		May 31	E	P	2 5 51	...	...	1090	Do.
	E	P	25 38	...	...	...			E	P*	6 20	...	...	...
	N,E	S	26 29	...	...	...			N	eS	7 45	...	...	...
	N	S*	27 3	...	...	...			E	iS	7 45	...	...	...
	N,E	S	27 37	...	...	...			E	S*	8 23	...	...	...
	N	F	54 ...	...	...	...			N,E	S	8 59	...	...	...
	E	F	5 2 ...	...	...	...			E	Mn	13 20	7	18	...	
May 21	E	iP	7 3 12	...	...	7955			N	F	49 ...	...	...	...
		iS	12 35	...	...	...		May 31	E	i	8 26 25	...	...	...
		PS	13 9	...	...	...				F	Masked by the following shock.				
		F	8 48 ...	...	...	...		May 31	E	e	9 4 7	...	...	...
May 21	E	i	13 17 33	...	...	...				F	44 ...	...	...	...
		F	14 24 ...	...	...	...		May 31	E	e	13 26 39	...	...	...
May 24	E	iP	5 45 1	...	...	5245	Epc: Philippine Islands.			F	55 ...	...	...	...
	E	PR ₁	46 53	...	...	...		May 31	E	eP	17 14 36	...	...	1050	Apparently aftershock of Quetta Earthquake.
	N	S?	51 54	...	...	...			N	S	16 28	...	...	...
	E	iS	52 ...	...	...	...			E	iS	16 28	...	...	...
	E	SR ₁	55 4	...	...	...			E	S*	17 2	...	...	...
	E	SR ₂	56 14	...	...	...			E	S	17 35	...	...	...
	E	L	59 23	...	...	...			E	Mn	20 20	7	21	...	
	E	Mn	6 7 17	...	...	...			E	F	56 ...	...	...	...
	E	F	10 18 ...	...	...	...		June 1	N	eP	4 32 36	...	...	1020	An aftershock of the great Quetta Earthquake.
May 26	E	P	22 12 19	...	...	5180			E	iP	32 36	...	...	...
		PR ₁	14 9	...	...	...			E	P	33 35	...	...	...
		PR ₂	14 47	...	...	...			N	eS	34 25	...	...	...
		S	10 14			E	S	34 25		
		SR ₁	22 21			E	S*	35		
		L	26 28			N,E	S	35 32		
		F	23 59			E	Mn	38 22	7	29	...		
May 27	E	e	3 36 54			N	F	53		
									E	F	5 22		

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TABLE D₁—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.		
1935.										1935.									
July 10	E	i	20 40 46	...	...	...	...			July 20	E	iP	10 36 54	...	...	...	2335		
		Mn	45 49	12	15	...	...					PR ₁	37 12	...	...	...
		F	21 11	...	...	...	...					iS	40 46	...	...	...
July 11	E	i	8 41 20	...	...	...	...					SR ₁	41 34	...	...	...
		e	44 47	...	...	...	...					S*	42 33	...	...	...
		Mn	57 58	16	15	...	...					S	43 24	...	...	...
July 12	E	P	1 46 2	...	...	...	2100					Mn	45 43	8	25	...			
		iS	49 35	...	...	...	...			July 27	E	e	12 24 42	...	...	...
		SR ₁	50 29	...	...	...	...					F	47	...	...	...
		L	51 1	...	...	...	...			July 28	E	P	5 26 25	...	...	...	1010		
		Mn	52 59	...	...	...	...					P	27 18	...	...	...
		F	2 17	...	...	...	...					S	28 20	...	...	...
July 16	E	P	16 26 17	...	...	...	4235	Near Formosa Island.				F	55	...	...	...
	E	PR ₂	28 5	...	...	...	...			July 29	E	P ¹	7 52 39	...	...	...	13720		
	N	eS	32 17	...	...	...	...				E	ScPcP	55 17	...	...	...
	E	S	32 17	...	...	...	...				E	PR ₂	56 56	...	...	...
	N	eSR ₁	34 43	...	...	...	...				E	ScPcS	59 36	...	...	...
	E	SR ₁	34 43	...	...	...	...				E	ScPcPcS	8 1 8	...	...	...
	E	SR ₂	35 19	...	...	...	...				E	S	2 16	...	...	...
	E	L	37 43	...	...	...	...				N, E	PS	4 17	...	...	...
	E	M	40 57	...	...	...	...				E	PPS	5 56	...	...	...
	E	Mn	44 13	10	26	...	...				E	SR ₁	10 51	...	...	...
	N	F	17 13	...	...	...	...				E	SR ₂	15 42	...	...	...
July 16	E	F	18 6	...	...	...	...				E	L	32 25	...	...	...
	E	e	20 9 49	...	...	...	...				E	M	41 44	...	...	...
		i	17 11	...	...	...	...				E	F	10 55	...	...	...
		F	51	...	...	...	...			July 29	E	P	23 19 41	...	...	...	1335		
July 17	E	e	5 2 52	...	...	...	...				N	eS	21 57	...	...	...
		F	6 5	...	...	...	...				E	S	21 57	...	...	...
July 17	E	e	11 6 17	...	...	...	...				E	S*	22 45	...	...	...
		Mn	?	23	17	...	...				N, E	S	23 21	...	...	...
		F	13 23	...	...	...	...			Aug. 1	E	eP	14 15 2	...	...	...	5270		
July 17	E	e	16 20 52	...	...	...	...	Felt at Quetta.				ePR ₁	16 50	...	...	...
		Mn	25 8	8	3	...	...					PR ₂	17 35	...	...	...
		F	34	...	...	...	...					S	22 3	...	...	...
July 19	E	P	0 59 8	...	...	...	5900					SR ₁	25 22	...	...	...
	N	e	59 15	...	...	...	...					SR ₂	26 30	...	...	...
	E	PR ₁	1 1 9	...	...	...	...					Mn	37 35	16	12	...			
	N, E	iS	6 43	...	...	...	...					F	15 39	...	...	...
	N, E	PS	7 23	...	...	...	...			Aug. 1	E	e	17 3 36	...	...	...
	E	iSR ₁	10 16	...	...	...	...					F	18 15	...	...	...
	E	iSR ₂	11 53	...	...	...	...			Aug. 3	N, E	P	1 15 56	...	...	...	3080	Epc: Near north Sumatra.	
	E	L	15 32	...	...	...	...				N, E	PR ₁	16 33	...	...	...
	E	Mn	23 58	20	80	...	...				N, E	iS	20 45	...	...	...
	N	F	54	...	...	...	...				E	SR ₁	22 2	...	...	...
July 20	E	P	9 14 41	...	...	...	2335				N	L	23 38	...	...	...
		S	18 28	...	...	...	...				E	L?	23 42	...	...	...
		SR ₁	19 15	...	...	...	...				E	M	25 48	...	...	...
		Mn	23 25	9	5	...	...				N	Mn	26 41	24	898	...			
											E	F	4 59	...	...	...

TABLE D₁—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.	
1935.								1935.							
Aug. 3	E	P	11 53 58	...	...	5165		Aug. 31	E	i	17 49 57	...	...	...
		ePR ₁	55 43	...	...	...				i	58 13	...	...	...
		PR ₁	56 22	...	...	...				Mn	18 21 37	16	7	...	
		S	12 0 50	...	...	...		Sep. 3	E	e	11 20 23	...	...	...	Tremors.
		SR ₁	3 53	...	...	...				F	40 ...	...	...	...
		SR ₂	5 2	...	...	...		Sep. 4	E	IP	1 45 13	...	...	4220	Epc: Near Formosa Island.
		L	7 57	...	...	...				PR ₁	46 38	...	...	...
		F	57 ...	...	...	...				PR ₂	46 56	...	...	...
Aug. 3	E	eP	13 23 31	...	...	2220				S	51 14	...	...	...
		iS	27 16	...	...	...				SR ₁	53 33	...	...	...
		Mn	32 16	10	5	...				L	56 38	...	...	...
		F	56 ...	...	...	...				F	5 3 ...	...	...	...
Aug. 3	E	e	14 15 16	...	...	...		Sep. 5	E	e	12 38 49	...	...	...	Reported to have been felt in North Bengal.
		Mn	20 13	9	3	...			N, E	S ?	41 6	...	...	...
Aug. 17	E	P	1 58 38	...	...	11445		Sep. 9	E	P	6 28 1	...	...	6890	
		iPR ₁	2 2 43	...	...	...			E	PR ₁	30 21	...	...	...
		iPR ₂	5 4	...	...	...			E	PR ₂	31 28	...	...	...
	N, E	iScPcS	9 11	...	...	...			N, E	iS	36 33	...	...	...
	N, E	ScPcPcS	9 57	...	...	...			E	PS	37 3	...	...	...
	N, E	S	10 29	...	...	...			N, E	SR ₁	40 41	...	...	...
	N	ePS	11 48	...	...	...			N	iSR ₂ (?)	43 43	...	...	...
	E	PS	11 43	...	...	...			E	SR ₂	42 52	...	...	...
	N, E	PPS	12 26	...	...	...			E	L	47 17	...	...	...
	N, E	SR ₁	17 20	...	...	...			N	F	7 42 ...	...	...	...
	E	SR ₂	21 39	...	...	...			E	F	10 8 ...	...	...	...
	E	L	33 29	...	...	...		Sep. 11	E	e	12 10 55	...	...	...	Tremors.
	E	F	5 18 ...	...	...	...		Sep. 11	N	P	14 13 44	...	...	6120	
Aug. 23	N, E	i	0 57 51	...	...	...	Record partially lost during shifting. Very near slight shock. Felt at Delhi and Meerut.		E	IP	13 44	...	...	...
Aug. 23	N, E	P	14 5 13	...	...	4120			E	PR ₂	16 49	...	...	...
	E	PR ₁	6 24	...	...	...			N	iS	21 31	...	...	...
	N, E	PR ₂	6 45	...	...	...			E	S	21 31	...	...	...
	N, E	iS	11 9	...	...	...			N	PS	22 5	...	...	...
	E	SR	13 9	...	...	...			E	SR ₁	25 22	...	...	...
	E	L	15 54	...	...	...			E	SR ₂	27 7	...	...	...
	E	Mn	22 14	19	31	...			N	eL	30 53	...	...	...
	N	F	15 8 ...	...	...	...			E	L	31 3	...	...	...
	E	F	16 5 ...	...	...	...			E	M ₀	...	17	...	...
Aug. 23	E	P̄	18 37 19	...	...	845	Felt at Muzaffarpur.		N	F	15 48 ...	...	...	...
	N, E	S	38 ...	...	...	...			E	F	18 12 ...	...	...	...
	E	eS*	38 23	...	...	...		Sep. 15	E	P	11 27 15	...	...	8780	
	N, E	S̄	38 53	...	...	...				S	37 17	...	...	...
	N	F	41 ...	...	...	...				PS	37 55	...	...	...
	E	F	44 ...	...	...	...				SR ₁	42 35	...	...	...
Aug. 23	E	i	23 31 37	...	...	...	Felt at Delhi and Meerut.	Sep. 15	E	P'	14 29 18	...	...	18000	
Aug. 25	E	eP	5 19 22	...	...	5155				P'	30 28	...	...	...
		eS	26 15	...	...	...				PR ₁	34 18	...	...	...
		eSR ₁	29 22	...	...	...				SR ₁	56 16	...	...	...
		F	6 44 ...	...	...	...						...	...	...

TABLE D₂ -- 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	Km.
1935.									1935.									
Sep. 18	E	P	8 33 13	...	...	5880			Sep. 28	E	e	8 22 3	...	...	...
		S	40 47	...	...	...					i	24 11	...	...	...
		PS	41 22	...	...	...					F	44 ...	...	...	...
		SR ₁	44 25	...	...	...			Sep. 29	E	e	4 15 27	...	...	...		Tremors.
		SR ₂	45 55	...	...	...					F	27 ...	...	...	...
		L?	49 35	...	...	...			Sep. 29	E	e	6 39 1	...	...	...
		M	53 53	...	...	...					e	41 21	...	...	...
Sep. 19	E	P	2 38 16	...	...	8720					i	43 8	...	...	...
		e (S?)	48 15	...	...	...					F	7 13 ...	...	...	...
		i (PS?)	48 49	...	...	...			Sep. 30	E	e	19 19 31	...	...	...
		i (SR ₁ ?)	53 33	...	...	...					eL	33 53	...	...	...
Sep. 20	E	iP	1 57 39	...	...	7000					Mn	37 49	...	...	...
		PR ₁	2 0 17	...	...	...					F	20 0 ...	...	...	...
		S	6 47	...	...	...			Sep. 30	E	P	23 57 21	...	...	5210		
		PS	7 20	...	...	...					eS	0 4 23	...	...	...
		SR ₁	11 25	...	...	...					SR ₁	7 27	...	...	...
		F	Masked by the following					shock.				SR ₂	8 39		
Sep. 20	E	P	5 34 17	...	...	7680					L	11 37	...	...	...
		PR ₁	36 56	...	...	...					F	Lost while changing chart.					
		PR ₂	38 20	...	...	...			Oct. 1	E	e	6 15 29	...	...	...		Tremors.
		iS	43 27	...	...	...					F	44 ...	...	...	...
		PS	43 57	...	...	...			Oct. 2	E	iP	5 42 35	...	...	6265		
		SR ₁	48 8	...	...	...					PR ₁	44 46	...	...	...
		SR ₂	50 43	...	...	...					PR ₂	45 45	...	...	...
		L	56 22	...	...	...					S	50 29	...	...	...
		M	6 1 59	...	...	...					PS	50 56	...	...	...
		F	Lost while changing chart.									SR ₁	54 22		
Sep. 20	E	P	21 15 14	...	...	7835					SR ₂	56 3	...	...	...
		S	24 32	...	...	...			Oct. 4	E	iP	5 23 41	...	...	5000 (?)		L-waves poor.
		PS	25 3	...	...	...					ePR ₁	25 19	...	...	...
		F	22 48 ...	...	...	...					S	30 19	...	...	...
Sep. 23	E	iP	9 29 23	...	...	7680					SR ₁ (?)	33 21	...	...	...
		PR ₁	32 1	...	...	...					F	6 24 ...	...	...	...
		PR ₂	33 31	...	...	...			Oct. 4	E	eP	14 53 9	...	...	1190		
		iS	38 33	...	...	...					e	55 8	...	...	...
		PS	39 5	...	...	...					eS	55 21	...	...	...
		SR ₁	43 5	...	...	...					S	56 33	...	...	...
		SR ₂	45 52	...	...	...					F	15 42 ...	...	...	...
		L	51 31	...	...	...			Oct. 6	E	i	5 0 45	...	...	...
		M	56 36	...	...	...					F	6 10 ...	...	...	...
		F	13 0 ...	...	...	...			Oct. 6	E	e	14 48 30	...	...	...
Sep. 24	E	P	5 12 7	...	...	7500					Mn	53 39	11	8	...		
		PR ₁	14 35	...	...	...					F	15 22 ...	...	...	...
		S	21 9	...	...	...			Oct. 7	E	e	6 14 31	...	...	...		Tremors.
		PS	21 43	...	...	...					F	42 ...	...	...	...
Sep. 25	E	iP	10 30 47	...	...	7620							...	...	...
		PR ₁	33 12	...	...	...							...	...	...
		iS	39 54	...	...	...							...	...	...
		F	12 4 ...	...	...	...							...	...	...

TABLE D₁—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Oct. 8	N, E	P	9 22 9	...	...	1280		Oct. 17	E	e	14 39 51	...	...	2300	
	N	S	24 26	...	...	...			N	e	43 57	...	...	...
	E	S	24 19	...	...	...			E	eS	43 40	...	...	...
	E	S̄	25 41	...	...	...			E	SR ₁	44 17	...	...	...
	N	F	57 ...	...	...	...			E	L	45 17	...	...	...
	E	F	10 52 ...	...	...	...			E	M	47 5	...	...	...
Oct. 9	E	i	22 29 15	...	...	...			N	F	15 17 ...	...	...	...
		F	23 26 ...	...	...	...			E	F	16 1 ...	...	...	...
Oct. 10	E	e	20 18 37	...	...	...	Tremors.	Oct. 18	N, E	P	0 21 27	...	...	6265	Epc : Japan.
		F	21 4 ...	...	...	...			E	PR ₁	23 33	...	...	...
Oct. 11	E	P	4 22 50	...	...	1045	L-waves poor. Deep-focus (△ from Brunner chart) Felt at Peshawar.		E	PR ₂	24 36	...	...	...
		S	24 43	...	...	...			N, E	-	29 21	...	...	...
		F	52 ...	...	...	...			N, E	SR ₁	33 11	...	...	...
Oct. 11	E	P	22 27 13	...	...	7765			E	SR ₂	35 2	...	...	...
		iS	36 27	...	...	...			N	L	39 1	...	...	...
		PS	36 52	...	...	...			E	L	38 47	...	...	...
		SR ₁	41 9	...	...	...			N	F	Lost while changing chart.	...	...	...
		L	49 35	...	...	...			E	F	4 2 ...	...	...	...
		F	Lost while changing chart.	...	...	...		Oct. 18	E	e	6 21 38	...	...	...	Tremors.
Oct. 12	N, E	eP	16 54 50	...	...	6280	Epc Japan.	Oct. 18	E	F	7 1 ...	...	...	...
	N, E	S	17 2 31	...	...	...			E	iP	11 15 32	...	...	6720	
	E	SR ₁	6 30	...	...	...				PR ₂	18 55	...	...	...
	E	SR ₂	8 19	...	...	...				iS	23 52	...	...	...
	E	L	12 13	...	...	...				SR ₁	27 58	...	...	...
	N	Mn	21 17 16 34	...	...	...				L	34 27	...	...	...
	E	Mn	25 20 13 30	...	...	...				M	39 18	...	...	...
	N	F	19 3 ...	...	...	...				F	14 21 ...	...	...	...
	E	F	20 19 ...	...	...	...		Oct. 18	E	iP	15 3 24	...	...	6000	
Oct. 13	E	P	2 7 1	...	...	6080				PR ₁	5 30	...	...	...
		PR ₁	9 7	...	...	...				S	10 57	...	...	...
		S	14 49	...	...	...				PS	11 26	...	...	...
		SR ₁	18 27	...	...	...				SR ₁	14 47	...	...	...
		SR ₂	20 17	...	...	...				SR ₂	16 16	...	...	...
		Mn	33 37 15 9	...	...	...				M	24 11	...	...	...
				...	...	...				Mn	33 55 13 22	...	...	...
Oct. 13	E	e	10 27 27	...	...	...		Oct. 18	E	P	22 0 56	...	...	6210	
		F	11 9 ...	...	...	...				S	8 45	...	...	...
Oct. 13	E	e	19 46 37	...	...	...	Tremors.			SR ₁	12 28	...	...	...
		F	20 7 ...	...	...	...				Mn	27 38 14 7	...	...	...
Oct. 14	E	e	20 26 20	...	...	...		Oct. 19	L	eP	2 48 29	...	...	...
		i	27 19	...	...	...				eS (?)	56 11	...	...	...
		F	51 ...	...	...	...				SR ₁ (?)	59 59	...	...	...
Oct. 15	E	e	17 12 8	...	...	...	Tremors.	Oct. 19	E	e	5 20 27	...	...	...
		F	30 ...	...	...	...				F	6 27 ...	...	...	...
Oct. 15	E	e	21 8 57	...	...	...	Tremors.	Oct. 19	E	i	20 28 33	...	...	...	Felt at Shillong and Jorhat in Assam.
		F	34 ...	...	...	...				F	45 ...	...	...	...
				...	...	...		Oct. 20	E	iP	4 55 40	...	...	2200	
				...	...	...				S	59 12	...	...	...

TABLE D₁—contd.

Date	Compt.	Phase.	G. M. T.		Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Amplitude.	△	Remarks.
			H. M. S.	Sec.							Sec.	μ.				H. M. S.	Sec.	μ.	Km.
1935.			H. M. S.	Sec.	μ.	Km.					H. M. S.	Sec.	μ.	Km.	
Oct. 20	E	F	6 17	...	...	...		Nov. 12	E	i	21 39	14	...	...
Oct. 24	E	i	0 30	37	...	...				Mn	47 19	20	...	...
		Mn	31 15	...	...	...		Nov. 13	E	i	3 41	40	...	...	Tremors. Probably the one felt at Kalat near Quetta.
Oct. 25	E	e	17 55	7	...	...		Nov. 14	E	P	20 8	40	...	...	8610
		F	18 49	...	...	...				PR ₁	11 35	...	...	...
Oct. 26	E	e	21 20	33	...	1220				S	18 25	...	...	...
	N, E	S	22 13	...	...	...				PS	10 0	...	...	...
	N, E	S̄	23 29	...	...	...				SR ₁ (?)	23 56	...	...	...
	E	F	22 4	...	...	...		Nov. 16	E	P	5 58	43	...	...	5100
Oct. 27	E	eP	6 47	45	...	...				PR ₂	6 1	3	...	...
		S (?)	51 27	...	...	...				S	5 33	...	...	...
		Mn	57 33	13	5	...				SR ₁	8 28	...	...	...
Oct. 27	E	e	13 45	37	...	...	Tremors.			SR ₂ (?)	9 38	...	...	...
Oct. 28	E	eP	12 10	3	...	1220		Nov. 17	E	e	7 59	37	...	...	...
		S	11 37	...	...	...				F	9 18	...	...	...
		S̄	12 55	...	...	...		Nov. 22	E	e	0 22	41	...	...	Probably felt at Mettur in Madras.
		F	51	...	...	...				F	28	...	...	...
Oct. 30	E	eP	2 33	59	...	1245		Nov. 22	E		11 57	42	...	...	...
		eS	30 7	...	...	...				i	58 17	...	...	...
		S̄	37 34	...	...	...				F	12 18	...	...	...
		Mn	40 5	7	9	...		Nov. 23	E	e	8 54	5	...	...	...
Nov. 1	E	e	6 28	3	...	...				F			...	...	Masked by the following shock.
		F	8 38	...	...	...		Nov. 23	E	e	9 54	6	...	...	...
Nov. 1	E	eP	16 27	15	...	2700				i	54 24	...	...	...
	N, E	i	27 20	...	...	...		Nov. 24	E	e	16 22	57	...	...	Tremors.
	N, E	iS	31 29	...	...	...				F	35	...	...	...
	E	SR ₁	32 37	...	...	...		Nov. 25	N, E	P	10 8	34	...	...	2955
	N, E	L	33 51	...	...	...			N, E	S	13 7	...	...	...	Epc: Possibly in the vicinity of Sumatra.
	N	Mn	36 53	16	302	...			E	SR ₁	14 23	...	...	...
	E	Mn	38 37	12	113	...			E	L	16 1	...	...	...
	N	F	17 40	...	...	...			E	M	18 17	...	...	...
Nov. 1	E	e	21 3	50	...	...			E	Mn	20 3	18	80	...	
		Mn	10 53	11	4	...		Nov. 26	E	e	0 42	28	...	...	...
Nov. 3	N	e	16 41	42	...	...				F			...	...	Lost while changing chart.
		i	42 14	...	...	...		Nov. 26	N, E	P	18 38	52	...	...	2980
Nov. 5	E	e	9 41	21	...	...			N, E	S	43 31	...	...	...
		e	51 21	...	...	...			E	SR ₁	44 42	...	...	...
		F	11 3	...	...	...			E	L	46 15	...	...	...
Nov. 5	E	P	21 6	20	...	5390			E	M	48 33	...	...	...
		PR ₂	8 59	...	...	...			E	Mn	50 31	...	...	...
		iS	13 33	...	...	...			N	F	19 56	...	...	...
		PS	14 9	...	...	...		Nov. 29	E	e	18 32	15	...	...	...
		SR ₂	18 8	...	...	...		Nov. 29	E		19 36	9	...	...	...
		F	22 20	...	...	...				e	39 15	...	...	...
Nov. 11		e	13 24	1	...	...							...	...
		F	14 48	...	...	...							...	...

TABLE D₁—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Nov. 30	E	e	3 39 9	...	...	...		Dec. 15	N	i	31 29	...	...	...
		i	56 50	...	...	...			E	PPS	33 27	...	...	...
		F	6 32	...	...	...			E	SR ₁	37 39	...	...	...
Nov. 30	E	e	16 35 39	...	...	...	Felt at Dhubri, Gauhati, Cooch Behar and Jalpal- guri.		E	SR ₁	41 35	...	...	...
		i	36 57	...	...	...			E	L?	47 49	...	...	...
		F	53	...	...	...			N	Mn	50 23	31	1016	...	
Dec. 1	E	eP	23 53 9	...	...	4730		Dec. 17	E	e	13 40 2	...	...	...
		S	59 39	...	...	...		Dec. 17	E	iP	19 25 31	...	...	4680	Epc: East of Formosa.
		Mn	0 13 55	11	18	...			E	PR ₁	27 3	...	...	...
		F	Lost while changing chart.			...			N, E	i	27 23	...	...	...
Dec. 2	E	e	16 50 50	...	...	...			N, E	iS	31 59	...	...	...
		e(S?)	57 13	...	...	...			N	iSR ₂	35 25	...	...	...
		Mn	17 11 33	13	13	...			E	SR ₁ ?	35 31	...	...	...
Dec. 5	E	eP	18 9 3	...	...	9555		Dec. 18	E	eP	7 15 32	...	...	2510	
		ScPcS	19 3	...	...	...			N, E	i	15 40	...	...	...
		iSR ₁	25 3	...	...	...			E	PR ₁	15 57	...	...	...
		F	20 29	...	...	...			N, E	S	19 39	...	...	...
Dec. 7	E	e	4 42 25	...	...	...			E	SR ₁	20 46	...	...	...
		e	43 18	...	...	...			E	L	21 48	...	...	...
		F	5 7	...	...	...			E	F	Masked by the following shock.				
Dec. 8	E	i	17 35 19	...	...	...		Dec. 18	E	P	8 9 28	...	...	2510	
		F	18 32	...	...	...				ePR ₁	9 57	...	...	...
Dec. 9	E	e	7 48 46	...	...	...				iS	13 34	...	...	...
Dec. 9	E	e	16 2 52	...	...	...				SR ₁	14 36	...	...	...
		F	19	...	...	...				Mn	19 16	12	8	...	
Dec. 11	E	e	9 0 40	...	...	...		Dec. 18	E	e	13 24 2	...	...	...
		Mn	12 5	12	5	...		Dec. 18	E	P	17 4 29	...	...	2510	
		F	45	...	...	...			E	PR ₁	4 57	...	...	...
Dec. 11	E	e	12 19 25	...	...	...			N, E	S	8 37	...	...	...
		F	36	...	...	...			E	SR ₁	9 37	...	...	...
Dec. 14	E	iP	1 49 43	...	...	...			E	Mn	14 18	...	...	...
		ePR ₁	52 11	...	...	...			N	F	38	...	...	...
		S?	59 1	...	...	...			E	F	18 14	...	...	...
		SR ₁ ?	2 6 17	...	...	...		Dec. 19	E	e	9 48 1	...	...	...
Dec. 14	E	eP ¹	22 24 43	...	...	15400	Epc: 14° N, 94° W (U. S. C. G. S.)			Mn	57 47	12	5	...	
		PR ₁	27 27	...	...	...		Dec. 19	E	e	13 31 47	...	...	...
	N, E	ScPcP	28 19	...	...	...				i	35 51	...	...	...
	E	SR ₁	45 32	...	...	...				Mn	41 28	...	...	...
	N	Mn	23 29 18	22	65	...		Dec. 19	E	e	21 32 2	...	...	...
	E	F	Lost while changing chart.			...				i	33 9	...	...	...
Dec. 15	E	P	7 20 37	...	...	10100	Epc: 12° S, 161° E. (U. S. C. G. S.)	Dec. 19	E	eP	23 13 14	...	...	1005	Felt at Quetta.
	N	e	21 15	...	...	...				iS	15 10	...	...	...
	E	PR ₁	24 13	...	...	...	Felt in Solomon Islands.			F	33	...	...	...
	E	PR ₁	26 13	...	...	...		Dec. 20	E	e	0 26 39	...	...	...
	E	ScPcS	30 57				F	41	
								Dec. 20	E	e	18 49 47	
										i	19 0 5	
								Dec. 22	E	e	21 39 31	
								Dec. 23	E	e	14 53 35	
										Mn	15 22 40	20	14	...	

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TABLE D₁—concl'd.

Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.			1935.			H. M. S.	Sec.	μ	Km.		
Dec. 24	E	e	12 43 45	...	...	...		Distant shock.	Dec. 29	E	i	3 54 41	...	...	...
Dec. 28	E	iP	2 41 59	...	...	3620		Great. Epc: North Sumatra	Dec. 29	E	e	13 5 15	...	...	...
		iS	47 23	...	...	...					F	13 ...	...	...	...
		SR ₁	48 59	
Dec. 28	E	e	17 34 8	...	...	...			Dec. 29	E	iP	23 47 9	...	...	...	6335	
		i	36 48	...	...	...					PR ₁	49 19	...	...	...
Dec. 28	E	e	19 8 59	...	...	...					iS	55 8	...	...	...
		F	36 ...	...	...	...					PS	55 44	...	...	...
Dec. 29	E	eP	3 35 26	...	...	6355					SR ₁	58 52	...	...	...
		ePR ₂	38 41	...	...	...					SR ₂	0 1 4	...	...	...
		S	43 27	...	...	...					F	Lost while changing chart.					
		PS	43 58			Dec. 30	E	e	4 22 39		
		SR ₁	47 11					i	25 34		
Large waves masked by the following shock.											F	5 17		

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TABLE D₂—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.	
1935.	N,E	L	33 30	...	...	...		1935.							
	N	Mn	41 30	...	...	...		June 1	N,E	e	12 28 ...	...	...	...	Tremors.
	E	Mn	42 28	...	...	...			N,E	f	41 ...	...	...	...
	N	F	1 31 ...	...	...	...		June 1	N,E	i	12 49 3	...	...	...	Seismic activity.
	E	F	1 38 ...	...	...	...		June 2	N,E	IP	9 19 26	...	...	1235	Moderate. Aftershock of the Great Quetta Earthquake.
May 26	N,E	IP	22 13 02	...	...	5445	Slight. Aftershock of the Philippine Earthquake.		N,E	IS	21 41	...	...	...
	N,E	IS	20 17	...	...	...			N,E	SR ₁	22 4	...	...	...
	N	SR ₁	23 47	...	...	...			N,E	L	22 26	...	...	...
	E	Mn	37 37	...	...	...			N	Mn	24 10	7	37	...	
	N,E	F	23 40 ...	...	...	...			E	Mn	24 4	5	33	...	
May 27	N,E	e	3 37 ...	...	...	...	Feeble. Distant.	June 9	N,E	F	11 7 ...	...	...	...
	N	Mn	4 23 25	...	...	...			E	Mn	7 9 35	...	...	...	Seismic activity.
	E	Mn	23 23	...	...	...		June 18	N,E	Mn	16 58 57	...	...	...	Seismic activity.
	N,E	F	5 10 ...	...	...	...		June 18	E	IP	22 36 46	...	...	5520	Slight. Epc: Philippine Islands.
May 28	E	Mn	17 44 30	...	...	...	Seismic activity.		N,E	IS	44 0	...	...	...
	N	Mn	44 50	...	...	...			E	PS	44 38	...	...	...
May 29	N,E	e	20 1 ...	...	...	...	Feeble.		E	Mn	23 2 53	...	...	...
	N	f	34 ...	...	...	...			N,E	F	Mixed up with microseisms.				
	E	f	36 ...	...	...	...		June 22	E	IP	15 57 52	...	...	5720	Slight.
May 30	N,E	IP	21 35 33	...	...	1310	Great Epc: Baluchistan.		E	PR ₁	16 0 3	...	...	...	N—disturbed by insects.
	N,E	IS	37 55	...	...	...			E	IS	5 15	...	...	...
	N,E	SR ₁	38 17	...	...	...			E	L	14 ...	...	...	...
	N,E	L	38 39	...	...	...			E	Mn	20 40	15	8	...	
	N,E	Mn	?	...	400	...			E	F	17 18 ...	...	...	...
May 31	N,E	eP	2 6 2	...	...	1335	Slight. Aftershock of the Great Quetta shock.	June 23	E	e	7 29 ...	...	...	...	Tremors.
	N,E	eS	8 26	...	...	...			E	f	36 ...	...	...	...
	N	Mn	13 23	9	18	...		June 24-25	N,E	IP	23 36 46	...	...	11220	Moderate. L-waves very poor (Deep-focus). Epc: 19° S., 168° 5 E. (J. S. A.), New Hebrides.
	E	Mn	11 23	10	15	...			N,E	ScPcS	... 47 12	...	...	...
	N,E	F	56 ...	...	...	...			E	PS	... 49 46	...	...	...
May 31	N,E	i	8 27 32	...	...	...	Feeble. Distant.		N,E	PPS	50 36	...	...	...
	N,E	e	31 3	...	...	...			N,E	SR ₁	55 30	...	...	...
	N,E	i	34 41	...	...	...			N,E	F	Masked by microseisms.				
	N,E	F	Masked by microseisms.				...								
May 31	N,E	i	13 26 52	...	...	...	Feeble.	June 25	N,E	eP	12 44 51	...	...	7170	Slight.
	N,E	F	58 ...	...	...	...			N,E	S	53 37	...	...	...
May 31	N	eP	17 15 13	...	...	1480	Slight. Aftershock of the Great Quetta shock.		N	Mn	13 16 40	11	5	...	
	N	S	17 51	...	...	...			E	Mn	12 21	15	8	...	
	N	SR ₁	18 14	...	...	...		June 28	N,E	F	58 ..	...	...	...
	N	L	18 36	...	...	...			E	Mn	3 20 34	...	...	...	Seismic activity.
	N	Mn	23 4	...	...	...		June 29	E	PR ₁	7 8 27	...	...	15500	Slight.
	N	F	53 ...	...	...	...			N,E	PR ₂	11 33	...	...	...	△(PR ₁ -PR ₂)=139.5° of arc.
June 1	N,E	eP	4 33 1	...	...	1180	Slight. Aftershock of the Great Quetta shock.		N,E	eL(?)	53 ...	...	...	...	Epc: 18° 2N. 103° 3' W (J. S. A.).
	N,E	eS	35 11	...	...	...			N	Mn	8 10 47	18	10	...	
	N,E	L	35 38	...	...	...			E	Mn	20 34	17	9	...	
	N	Mn	39 46	7	8	...			N,E	F	Masked by microseisms.				
	E	Mn	37 43	6	8	...		June 30	N,E	e	8 11 ...	...	...	...	Feeble.
	N,E	F	5 13 ...	...	...	...			N,E	F	27 ...	...	...	...

TABLE D₂—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	Km.
1935.															
June 30	N,E	i	9 54 12	...	...	...	July 18	N,E	e	2 24 ...	...	...	...	Tremors.
July 2	E	Mn	15 40 30	...	...	...		N,E	f	30 ...	...	...	...
July 4	N,E	e	2 57 ...	...	...	...	July 19	E	iP	1 00 14	...	...	6710	Moderate. Epc: Kasimanada, Japan (Manila).
	N,E	f	Masked by microseisms.					E	iS	8 35	...	...	...
July 5	N,E	P	17 57 31	...	...	2200		E	PS	9 0	...	...	...
	N,E	iS	18 1 13	...	...	...		E	SR ₁	12 49	...	...	...
	N,E	SR ₁	1 59	...	...	...		E	L	19 00	...	...	...
	N,E	L	2 43	...	...	...		E	Mn	28 41	...	...	...
	N	Mn	6 42	10	21	...		E	F	2 55 ...	...	...	...
	E	Mn	7 4	13	17	...									
	N,E	F	Masked by microseisms.				July 19	E	Mn	3 26 36	...	...	...	Seismic activity.
July 7	E	P	13 31 28	...	...	4835	July 20	N,E	iP	7 41 45	...	...	220	Slight. Epc: Probably near Tapti Valley. Felt at Surat, Baroda, Kapadvanj (Kaira Dist.) and Bombay.
	N,E	S	38 3	...	...	...		N,E	S*	42 12	...	...	...
	N,E	eL	44 42	...	...	...		N,E	S	42 22	...	...	...
	N	Mn	55 42	13	5	...		N	F	Masked by microseisms.					
	E	Mn	53 57	15	8	...		E	F	52 ...	...	...	...
	N,E	F	Masked by microseisms.												
July 9	E	Mn	13 49 39	...	...	...	July 22	N,E	e	19 30 ...	...	...	...	Tremors.
July 10	N	i	20 33 45	...	...	...		N,E	f	37 ...	...	...	...
	N,E	i	37 11	...	...	...	July 23	N,E	iP	4 00 8	...	...	2335	Slight. L-waves poor.
	N	Mn	40 12	7	3	...		N,E	iS	4 0	...	...	...
	E	Mn	40 7	11	6	...		N,E	SR ₁	5 0	...	...	...
	N,E	F	Masked by microseisms.					N,E	eL	6 ...	...	...	...
July 11	N,E	e	9 1 0	...	...	...		E	Mn	7 15	11	7	...	
July 12	E	Mn	1 58 24	...	...	...		N,E	F	Masked by microseisms.				
July 12	E	e	21 12 ..	...	...	...						
	E	f	31 ...	...	...	...	July 26	N,E	e	9 21 ...	...	...	...	Feeble. Near.
July 13	E	e	0 59 ...	...	...	...		N,E	e	25 ...	...	...	...
	E	f	1 26 ...	...	...	...		N,E	f	45 ...	...	...	...
July 15	E	Mn	18 54 13	...	...	...	July 26	N,E	e	10 40 ...	...	...	...	Slight. Near.
July 16	N,E	iP	16 27 15	...	...	4950		N,E	i	43 9	...	...	...
	E	PR ₁	29 2	...	...	...		N	Mn	48 23	12	38	...	
	N,E	iS	33 57	...	...	...		E	Mn	49 14	15	28	...	
	N,E	SR ₁	37 0	...	...	...		E	F	11 54 ...	...	...	...
	N,E	SR ₁	38 23	...	...	...		N	F	36 ...	...	...	...
	N,E	L	42 ...	...	...	...	July 27	N	e	12 18 ...	...	...	...	Feeble. Near.
	N	Mn	46 1	15	25	...		N	e	21 35	...	...	...
	E	Mn	49 37	9	8	...		E	i	21 35	...	...	...
	N	F	17 38 ...	...	...	...		N,E	F	39 ...	...	...	...
	E	F	43 ...	...	...	...	July 28	N,E	i	5 27 59	...	...	...	Slight. Felt at Srinagar, Drosh, Gulmarg.
July 17	E	e	5 18 ...	...	...	...		N,E	i	31 16	...	...	...
		f	48 ...	...	...	...		N,E	F	57 ...	...	...	...
July 17	N,E	e	11 11 21	...	...	...	July 29	N,E	i	4 32 15	...	...	...	Feeble. Near.
	N,E	i	14 45	...	...	...		N,E	i	33 8	...	...	...
	N	i	15 13	...	...	...		N,E	i	33 40	...	...	...
	N	Mn	45 43	15	3	...	July 29	N,E	eP ¹	7 52 59	...	...	14020	Moderate. Epc: Near 22° 0 S., 178° 2 W (J.S.A.).
	E	Mn	48 35	15	5	...		N,E	ScPcS	59 59	...	...	...
	N	F	12 58 ...	...	...	...		E	ScPcPcS	8 1 22	...	...	...
	E	F	13 2 ...	...	...	...		N,E	S	2 50	...	...	...

TABLE D₂—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.		
1935.	N,E	PS	4 44	...	...	...		1935.	N,E	L	33 ...	...	...	...
	N,E	PPS	6 18	...	...	...		Aug. 17	N	Mn	40 7	23	15	...	
	E	Mn	49 47	19	14	...			E	Mn	46 37	23	27	...		
	N	F	10 13	...	...	...			N	F	4 24	...	...	...
	E	F	20	...	...	...			E	F	5 0	...	...	...
July 29	N,E	eP	23 21 40	...	...	2110	Slight. Felt at Srinagar.	Aug. 23	N,E	e	01 0	...	...	1890	Feeble tremors felt at Delhi.
	N,E	eS	25 14	...	...	...			N,E	f	06	...	...	...
	N,E	L	26 43	...	...	...		Aug. 23	N,E	eP	14 4 58	...	...	3935	Moderate. Epc: South Sumatra (Batavia).
	N	Mn	29 10	7	4	...			N,E	PR ₂	6 07	...	...	...
	E	Mn	28 18	11	7	...			N,E	S	10 41	...	...	...
	N,E	F	23 35	...	...	...			N,E	SR ₂	13 21	...	...	...
July 30	N,E	e	0 11	...	...	...	Tremors.		N,E	L	16	...	...	...
	N,E	f	32	...	...	...			N	Mn	20 43	23	30	...	
July 30	N,E	e	5 55	...	...	...	Slight. Distant.		E	Mn	21 5	15	15	...	
	N	Mn	6 14 45	...	...	...			N,E	F	16 13	...	...	...
	E	Mn	14 30	...	...	...		Aug. 25	N,E	e	5 18	...	...	...	Feeble. Distant.
	N,E	F	Masked by microseisms.				...			N	Mn	55 34	15	3	...	
July 31	E	e	10 7	...	...	...	Seismic activity.		E	Mn	55 14	15	4	...	
	N	Mn	11 30	...	...	...			N,E	F	6 34	...	...	...
Aug. 1	E	e	14 12	...	...	...	Slight. Distant.	Aug. 26	N,E	i	12 26 39	...	...	...	Seismic activity.
	N,E	i	23 13			Aug. 26	N	Mn	17 0 31	Seismic activity.
	E	Mn	40 19	...	...	...			E	Mn	17 3 23	...	...	...
	N,E	F	15 33	...	...	...		Aug. 27	N,E	e	5 48	...	...	...	Tremors.
Aug. 1	E	Mn	17 55 28	...	...	...	Seismic activity.		N,E	f	6 7	...	...	...
Aug. 3	N,E	iP	1 15 49	...	...	2955	Great. Epc: 5°5' N. 96°5' E. off North Sumatra. O; 1h. 10m. 6s. G.M.T.	Aug. 31	N,E	e	17 45	...	...	...	Feeble. Distant.
	N,E	PR ₁	16 25	...	...	...			N,E	Mn	18 24 27	...	...	...
	N,E	S	20 29	...	...	...			N,E	F	Masked by microseisms.				
	N,E	SR ₁	21 42	...	...	...		Sept. 4	N,E	iP	1 46 00	...	...	4955	Moderate. Epc: 22° 30' N 121° 30' E, (Taihoku) off Formosa Island.
	N	L	23 18	...	...	...			N,E	iPR ₁	48 3	...	...	...
	E	L	23 10	...	...	...			N,E	iS	52 42	...	...	...
	N	Mn	32 13	15	253	...			N,E	L	50 18	...	...	...
	E	Mn	27 25	15	> 378	...			N,E	Mn	2 4 59	19	51	...		
	N	F	4 53	...	...	...			N	Mn	7 58	19	53	...	
	E	F	4 45	...	...	...			N,E	F	Mixed up with the following shock.				
Aug. 3	E	Mn	12 19 13	...	...	...	Seismic activity.	Sept. 4	N,E	i	3 36 36	...	...	...	Aftershock of the previous shock.
Aug. 3	E	e	13 30	...	...	...	Feeble. Near.		N,E	e	43 0	...	...	...
	N	i	34 47	...	...	...			N	Mn	55 0	18	7	...	
	N,E	F	54	...	...	...			N,E	F	Masked by microseisms.				
Aug. 6	E	Mn	1 10 25	...	...	...	Seismic activity.	Sept. 5	N,E	e	12 43	...	...	...	Feeble. Felt locally at Dhubri, Cooch Behar Tremors.
Aug. 11	N,E	e	9 6	...	...	...	Tremors.	Sept. 7	N	e	8 1	...	...	...
	N,E	f	20	...	...	...			N	f	22	...	...	...	Felt at Drosch.
Aug. 17	N	eP	1 58 29	...	...	11780	E=Bcg. lost in shift- ing. Moderate.	Sept. 9	N,E	P	6 28 30	...	...	7420	Moderate. L-Waves poor Epc: 5°8' N., 139° E. (J. S. A.).
	N	PR ₁	2 2 55	...	...	...			N,E	iS	37 28	...	...	...
	N	ScPcS	9 12	...	...	...			N,E	PS	37 48	...	...	...
	N,E	ScPc Pcs	10 7	...	...	...	Epc: 20° S, 171° 5' E., (J. S. A.). Near New Hebrides.		N,E	SR ₁	41 40	...	...	...
	N,E	PS	12 18	...	...	...			E	Mn	57 57	19	18	...	
	N,E	SR ₁	17 55	...	...	...			N,E	F	Masked by microseisms				

TABLE D₂—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.			
1935.										1935.										
Sept. 11	N	Mn	12 58 27	...	...	...	...	...	Feeble. Distant.	Sept 20	E	i	21 15 34	...	...	...	...	...	Feeble. Distant.
	E	Mn	57 29	...	...	...	...	...			N	e	14 ...	...	...	...	...	...
Sept. 11	N,E	IP	14 14 42	...	...	...	7110	Moderate.	Epc : 45° N, 146° E (U. S. C. G. S.). off Hokaido Island (Japan).		N	F	22 34 ...	...	...	...	...	...
	N,E	IS	23 25			Sept. 23	N,E	e	9 14	Feeble.
	N,E	PS	23 57				N,E	f	Mixed up with the following shock.							
	N,E	SR ₁	27 42	...	...	...	...			Sept. 23	N,E	IP	9 29 47	...	...	...	7945	Moderate. After-	shock of the great shock of 20th.
	E	SR ₂	29 57	...	...	...	...				E	PR ₁	32 15	...	...	...	...
	N,E	L	36 ...	...	...	...	...				N,E	IS	39 10	...	...	...	...
	N	Mn	44 1 9	18	...	...	...				N,E	PS	30 45	...	...	...	...
	E	Mn	46 19	17	53	...	...				N,E	L	53 ..	...	...	...	...
	N	F	17 20 ...	...	...	...	...				N	F	12 35 ..	...	...	...	...
	E	F	17 23 ...	...	...	...	...				E	F	42 ..	...	...	...	...
Sept. 12	N,E	Mn	17 27 28	Seismic activity.	Sept. 24	N	e	5 12		Feeble. Distant.
Sept. 15	N,E	e	11 27 38	Feeble. Distant.		E	i	12 28		
	N,E	e	37 46			N,E	f	6 3		
	E	Mn	12 4 17	...	...	...	...	...		Sept. 24	N	e	22 3 ..	...	...	...	...	...	Feeble. Distant.
	N	Mn	3 20	...	...	...	...	...			N	Mn	23 19 20	...	...	...	...	...
	E	F	13 12 ...	...	...	...	...	...			E	Mn	15 56	...	...	...	...	...
	N	F	13 1 ...	...	...	...	...	...			N,E	F	53 ..	...	...	...	...	...
Sept. 15	N,E	e	14 29 ...	...	...	...	...	...	Slight. Distant.	Sept. 25	N	eP	10 31 8	...	...	...	7820	Slight. Aftershock	
	N	Mn	15 40 5	18	4	...	...	...		E	IP	of the great shock of 20th.							
	E	Mn	40 27	23	12	...	...	...		N,E	IS		40 24	...	...	...	...
	N,E	F	16 57 ...	...	...	...	...	...		N,E	PS		40 54	...	...	...	...	...
Sept. 15	N,E	P	19 33 38	Very slight.		E		Mn	11 4 24	
	N,E	S	33 45	△ = 30 miles (approx- imately.)		N,E		F	12 0	
	N,E	F	Masked by microseisms						Felt locally at Thana, Thakurli and Dombivli.	Sept. 26	N		Mn	23 22 39	
Sept. 18	N,E	e	8 34	Slight. Distant.	Sept. 29	N,E		e	6 41	Slight. Near .
	E	Mn	9 3 53			N,E		i	45 2	
	N,E	F	Masked by microseisms								N		Mn	51 14	
Sept. 19	E	Mn	3 16 36	Seismic activity.		E		Mn	50 18	
Sept. 20	N,E	P	01 58 02	...	...	...	7910	Great.	Epc : 3° S, 143° E, Near British New Guinea.	Sept. 30	N	Mn	19 46 30	...	...	...	...	...	Seismic activity.
	N	S	2 7 23	...	...	...	...				E	Mn	47 25	...	...	...	...	...
	N,E	SR ₁	12 1				Oct. 1	E	Mn	1 06 18	
	N,E	SR ₂	15 2				Oct. 1	N,E	e	6 21	Feeble.
	N,E	L	21					N,E	f	42	
	N	Mn	25 23	20	234	...	...				Oct. 2	N,E	IP	5 43 38	...	...	...	7065	Slight.
	E	Mn	32 30	23	283	...	...					N,E	PR ₁	46 6	...	...	...	...	Epc : 40° N., 144° E., near Japanese Is- lands.
	N,E	F	Mixed up with the following shock.									N,E	IS	52 19	...	...	...	...	O : 5h. 33m. 07s.
Sept. 20	N,E	IP	5 34 32	...	...	...	7945	Moderate. After-		shock of the pre- vious great shock.	Oct. 4	E	IP	5 24 0	...	...	...	5190(?)	Slight.
	N,E	PR ₁	37 14						E	IS	31 01	Epc : 6° 20' N., 125° E. (Manila), Mind- anao Islands. Deep focus.
	N,E	IS	43 55	...	...	...	...					E	F	6 1 ...	...	...	...	...
	N,E	SR ₂	51 37	...	...	...	...								...	...	...	...
	N,E	L	58 ..	...	...	...	...								...	...	...	...
	E	Mn	6 7 40	...	...	...	...								...	...	...	...
	N,E	F	Masked by microseisms													

TABLE D₂—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	Km.
1935.							1935.									
Oct. 4	E	eP	14 53 25	...	...	1270	Slight. Epc: Aftershock of Baluchistan Earth- quake O: 14h. 50m. 40s.	Oct. 13	N	e	10 26 0	...	...	...	Feeble.	
	E	eS	55 43	...	...			E	i							
	E	L	56 17	...	...			E	Mn	32 9	15	4	...			
	E	F	15 50	...	...			N,E	F	11 6	...	...	...
Oct. 6	N,E	i	14 54 30	...	...	...	Slight. Near.	Oct. 14	N,E	i	20 24 54	...	...	...	Tremors.	
	N,E	e	58 0	...	...			N,E	F	55	...	...	...
	N	Mn	15 0 16	7	4	...		Oct. 15	N,E	e	17 8	...	...	...	Feeble. Felt at Bushire.	
	N,E	F	21	...	...	...		N,E	f	27	...	...	...
Oct. 7	N,E	e	6 12	...	...	...	Tremors.	Oct. 17	N,E	e	14 38 35	...	...	...	Feeble. Distant.	
	N,E	f	32	...	...	...		N,E	e	43 26	...	...	...
Oct. 8	N,E	P	9 23 43	...	...	2255	Slight. Epc: 39° N., 73° E., (Palmir Plateau) O: 9h. 19m. 15s.	Oct. 18	N	Mn	54 33	...	...	...
	N,E	iS	27 29	...	...	...		E	Mn	53 10	14	3	...			
	N,E	SR ₁	28 12	...	...	...		N,E	F	15 50	...	...	...
	N,E	L	29	...	...	...							
	N,E	Mn	32 20	...	...	...							
	N	F	10 44	...	...	...							
	E	F	40	...	...	...							
Oct. 9	N,E	e	22 30	...	...	...	Feeble. Distant.	Oct. 18	N	IP	0 22 31	...	...	6945	Moderate. Epc. Japan.	
	N,E	f	23 21	...	...	...		N	iS	31 5	...	...	...
Oct. 11	N,E	iP	4 24 13	...	...	1940	Slight. Deep focus. Depth about 200 kms. Epc: 36° N., 74.5° E., (Border of N. W. F. Province and Kashmir). Felt at Peshawar, Kabul and Drosh.	Oct. 18	N,E	iP	11 16 12	...	...	7110	Slight. Epc.: 43° 8 N, 147° E, (J. S. A.).	
	N	SP	25 6	...	...	...		E	PR ₁	18 39	...	...	...
	N,E	iS	27 21	...	...	...		N,E	eS	24 55	...	...	...
	N,E	L(?)	28 23	...	...	...		N,E	PS	25 28	...	...	...
	N,E	M	Movements small.			...		E	SR ₁	29 21	...	...	...
	N,E	F	5 0	...	...	...		N,E	eL	36	...	...	...
Oct. 11-12	N,E	iP	22 27 33	...	...	8165	Slight. L-waves poorly de- veloped. Epc. Near 1° N., 145° E., (Manila).	Oct. 18	N,E	Mn	46 55	19	16	...		
	E	PR ₁	30 18	...	...	...		N,E	F	14 15	...	...	...
	N,E	S	37 7	...	...	...		Oct. 18	N,E	iP	15 4 26	...	...	6980	Slight. Epc. Japan.	
	N,E	PS	37 40	...	...	...		N,E	iS	13 2	...	...	...
	N,E	SR ₁	41 52	...	...	...		E	PS	13 39	...	...	...
	N,E	L	51 20	...	...	...		E	SR ₁	17 17	...	...	...
	N,E	M	Movements small.			...		N,E	L	24	...	...	...
	N	F	0 39	...	...	...		N	Mn	35 42	15	13	...			
Oct. 12	N,E	eP	16 55 50	...	...	6980	Moderate. Epc: 42° N., 141° E., (Japan). O: 16h. 45m. 30s.	Oct. 18	N,E	F	17 37	...	...	...
	N,E	iS	17 4 26	...	...	...		E	F	55	...	...	...
	N,E	PS	4 56	...	...	...		Oct. 18	N,E	e	22 2	...	...	...	Feeble, Distant.	
	E	SR ₁	8 41	...	...	...		N	Mn	37 28	15	3	...			
	N,E	L	16	...	...	...		E	Mn	36 16	14	3	...			
	N	Mn	25 14	16	20	...		N	F	23 18	...	...	...
	E	Mn	25 26	15	19	...		E	F	31	...	...	...
	N,E	F	19 46	...	...	...		Oct. 19	N	Mn	1 33	...	...	...	Seismic activity.	
Oct. 13	N,E	e	2 8	...	...	...	Feeble. Distant.	Oct. 19	N,E	e	2 49 30	...	...	...	Feeble. Distant.	
	N	Mn	39 17	14	3	...		N	Mn	3 22 11	...	...	...
	E	Mn	39 40	13	2	...		E	Mn	19 23	...	...	...
	N,E	F	3 33	...	...	...		N,E	F	55	...	...	...

TABLE D₂—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	Km.
1935.									1935.								
Oct. 19	E	Mn	6 0 37	...	...	...	...	Selismic activity.	Nov. 1	N,E	eP	16 28 1	...	...	...	3210	Moderate. Epc: 32° N, 103° E Sip-song Chow Thai (French Indo China.)
	N	Mn	2 26	...	...	...	...			N,E	iS	32 59	...	...	...	...
Oct. 19	N,E	e	20 31 2	...	...	...	...	Feeble. Near		N,E	SR ₁	34 24	...	...	...	...
	N	Mn	33 40	6	4	...	...	Felt at Shillong and Jorhat (Agra), Gauhati and Salona		N	Mn	40 45	13	163	...	...	O: 16h 22m 01S G. M. T.
	N	F	50 ...	...	...	...	...			E	Mn	40 49	12	53	...	...
	E	F	42 ...	...	...	...	...			N,E	F	Masked by microselsms.					
Oct. 20	E	e	4 54 ...	...	...	...	...	Slight.	Nov. 1	N	e	21 0 0	...	...	...	...	Seismic activity.
	N	e	57 ...	...	...	...	...	Felt at Salona.		N	Mn	12 46	...	...	...	...
	E	Mn	5 0 37	14	7	...	...		Nov. 3	N,E	e	16 36 ...	...	...	...	...	Feeble. Near.
	E	F	6 5 ...	...	...	...	...			N	Mn	47 29	7	4	...	...
	N	F	5 56 ...	...	...	...	...			E	Mn	47 32	13	5	...	...
Oct. 20	N,E	e	19 2 ...	...	...	...	...	Feeble selismic move- ments.		N,E	F	17 10 ...	...	...	...	...
	N,E	f	10 ...	...	...	...	...		Nov. 5	N	e	21 7 10	...	...	...	...	Feeble. Distant.
Oct. 25	N,E	e	0 18 28	...	...	...	...	Feeble. Very distant.		E	i	6 50	...	...	...	...
	N,E	Mn	1 2 20	...	...	...	...			N,E	i	14 20	...	...	...	...
	N,E	F	49 ...	...	...	...	...			E	Mn	32 30	...	...	...	...
Oct. 25	N,E	e	18 12 ...	...	...	...	...	Feeble.		N,E	F	22 4 ...	...	...	...	...
	N	Mn	17 30	...	...	...	...		Nov. 10	E	Mn	19 57 30	...	...	...	...	Seismic activity.
	E	Mn	18 23	15	4	...	...		Nov. 11	N,E	e	13 24 ...	...	...	...	...	Feeble.
Oct. 26	N	e	21 21 ...	...	...	...	...	Slight. Near.		N,E	f	14 42 ...	...	...	...	...
	N,E	e	25 12	...	...	...	...		Nov. 12	N,E	eP	21 34 15	...	...	...	3080	Slight.
	N	Mn	28 51	11	4	...	...			N,E	eS	39 4	...	...	...	...
	N,E	F	58 ...	...	...	...	...			N,E	i	39 27	...	...	...	...
Oct. 27	N,E	e	6 47 28	...	...	...	...	Feeble. Distant.		N,E	SR ₁	40 27	...	...	...	...
	N,E	e	51 6	...	...	...	...			N,E	L	42 ...	...	...	...	...
	N,E	f	7 34 ...	...	...	...	...			N	Mn	48 50	...	...	...	...
Oct. 28	N	e	12 11 0	...	...	...	...	Slight. Near.		E	Mn	48 45	15	8	...	...
	N,E	e	14 34	...	...	...	...		Nov. 14	N,E	F	22 56 ...	...	...	...	...	Feeble. Distant.
	N	Mn	18 17	9	4	...	...			N,E	e	20 9 ...	...	...	...	...
	E	Mn	18 32	...	...	...	...			N,E	e	19	...	...	...	...
	N	F	55 ...	...	...	...	...			N	Mn	Movements small.					
	E	F	48 ...	...	...	...	...			E	Mn	38 30	...	...	...	...
Oct. 30	N,E	e	2 35 37	...	...	...	...	Slight. Near.		N	F	21 18 ...	...	...	...	...
	N,E	e	39 35	...	...	...	...			E	F	34 ...	...	...	...	...
	N	Mn	43 16	11	8	...	...		Nov. 16	N,E	e	5 59 ...	...	...	...	...	Feeble. Distant.
	E	Mn	43 45	11	4	...	...			N,E	f	7 8 ...	...	...	...	...
	N,E	F	3 6 ...	...	...	...	...		Nov. 17	N,E	e	7 59 ...	...	...	...	...	Feeble. Distant.
Oct. 30	N,E	e	16 26 ...	...	...	...	...	Feeble. Felt at Dhubri, Gauhati and Shillong.		N,E	f	9 15 ...	...	...	...	...
	N,E	f	17 2 ...	...	...	...	...		Nov. 23	N,E	e	8 12 25	...	...	...	...	Feeble. Distant.
Oct. 31	E	Mn	19 41 29	...	...	...	...	Seismic activity.		E	Mn	9 27 32	...	...	...	...
Oct. 31	N,E	i	23 14 5	...	...	...	...	Seismic activity.		N	Mn	Movement small.					
Nov. 1	N,E	e	6 22 33	...	...	...	...			N,E	F	10 0 ...	...	...	...	...
	N,E	i	32 14	...	...	...	...		Nov. 25	N,E	iP	10 8 23	...	...	...	2680	Moderate.
	N	Mn	7 12 16	...	...	...	...			N,E	iS	12 43	...	...	...	...	Epc: 7° N., 94° E. South of Nicobar Islands.
	E	MN	15 38	...	...	...	...			N,E	SR ₁	13 46	...	...	...	...	O: 10h. 3m. 7s. G. M. T.
	N,E	F	16 ...	...	...	...	...			N,E	J	15 ...	...	...	...	...

TABLE D₂ - 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.				
1935.									1935.								
Nov. 25	N	Mn	19 16	15	32	...	...		Dec. 11	N	c	9 15 51	...	...	...	...	Seismic activity
	E	Mn	20 1	15	48	...	...			E	c	20 32	...	...	...	...
	N,E	F	13 18	...	...	...	...		Dec. 11	E	c	12 24 42	...	...	...	...	Seismic activity.
Nov. 26	N,E	e	0 44 37	...	...	...	...	Feeble.	Dec. 14	N	i	1 49 41	...	...	...	...	Slight. Distant.
	N,E	f	1 2	...	...	...	...			N	c	52 5	...	...	...	...
Nov. 26	N	iP	18 38 40	...	...	...	2810	Slight. Epc: Near that of Nov. 25.		E	F	3 54	...	...	...	...
	N	eS	43 14	...	...	...	...			N	F	3 47	...	...	...	...
	N	SR ₁	44 11	...	...	...	...		Dec. 14	N,E	i	12 57 43	...	...	...	...	Feeble. Distant.
	N	L	46	...	...	...	...			N,E	i	13 6 10	...	...	...	...
	N	F	21 3	...	...	...	...			N,E	c	8 10	...	...	...	...
Nov. 29	N,E	e	18 25	...	...	...	...	Feeble. Distance.		N,E	F	56	...	...	...	...
	N,E	f	Masked by the following shock.				...	...		Dec. 14	N,E	P ¹	22 24 58	...	...	10235	Moderate. Epc: 14° N., 94° W. (U. S. C. G. S.)
Nov. 29	N,E	i	19 42 27	...	...	...	...	Slight. Near.		N	i	35 5	...	...	...	...
	N	Mn	49 19	...	...	...	...			N,E	SR ₁	47 13	...	...	...	...
	E	Mn	48 49	...	...	...	...			N,E	SR ₂	52 21	...	...	...	...
	N,E	F	20 11	...	...	...	...			N,E	L	23 8	...	...	...	...
Nov. 30	N,E	e	3 40	...	...	...	...	Feeble. Very distant.		N	Mn	32 50	23	61	...	...
	N,E	f	6 25	...	...	...	...			E	Mn	27 42	29	48	...	...
	N	f	6 15	...	...	...	...		Dec. 15	N,E	F	1 06	...	...	...	...
Dec. 1	N,E	P	23 54 10	...	...	...	5600	Slight.		N,E	eP	7 21 1	...	...	10145	Great. Epc: 12° S., 161° E. (U. S. C. G. S.) Felt in Solomon Island.	
	N,E	S	0 1 28	...	...	...	...			N,E	PR	24 54	...	...	...	...
	E	L	10	...	...	...	...			N,E	PR ₂	27 9	...	...	...	...
	N	Mn	18 0	13	4	...	...			N,E	S	32 01	...	...	...	...
	E	Mn	18 34	12	4	...	...			N,E	SR ₁	38 01	...	...	...	...
	N	F	1 12	...	...	...	...			N,E	SR ₂	42 01	...	...	...	...
	E	F	1 22	...	...	...	...			N,E	L	51	...	...	...	...
Dec. 2	N,E	e	16 51 40	...	...	...	...	Feeble. Distant.		N	Mn	50 16	28	122	...	...
	N,E	e	59 0	...	...	...	...			E	Mn	8 2 50	23	170	...	...
	N	Mn	17 15 28	11	4	...	...		Dec. 16	N,E	F	11 50	...	...	...	...
	E	Mn	18 11	10	3	...	...				i	17 15 53	...	...	...	Seismic activity.	
	N,E	F	18 7	...	...	...	...		Dec. 17	N,E	e	13 31	...	...	...	...	Feeble. Distant.
Dec. 3	N,E	e	3 26	...	...	...	...	Feeble. Near. Felt at Gauhati.		N,E	f	14 54	...	...	...	...
	N,E	f	40	...	...	...	...		Dec. 17	E	iP	19 26 22	...	...	5510	Moderate. Epc: 24° N., 124° E. East of Formosa. Felt in Northern Luzon (Manila).	
Dec. 5	N,E	e	18 10	...	...	...	...	Feeble. Distant.		E	PR ₁	28 28	...	...	...	...
	E	Mn	19 3 30	...	...	...	...			E	iS	33 35	...	...	...	...
	N	F	20 2	...	...	...	...			E	PS	34 16	...	...	...	...
	E	F	20 11	...	...	...	...			E	SR ₁	36 57	...	...	...	...
Dec. 7	N,E	e	11 58	...	...	...	...	Tremors.		E	L	42	...	...	...	...
	N,E	f	12 38	...	...	...	...			E	Mn	49 22	16	31	...	...
Dec. 8	N,E	e	17 27 14	...	...	...	...	Slight.	Dec. 18	E	F	23 22	...	...	...	...
	N,E	e	33 4	...	...	...	...			N,E	iP	7 16 47	...	...	3155	Slight.	
	E	Mn	41 18	...	...	...	...			N,E	eS	21 41	...	...	...	...	Epc: 32° N., 103° E. French Indo-China.
	N,E	F	18 38	...	...	...	...			N,E	SR ₁	23 9	...	...	...	...
Dec. 9	E	e	7 41	...	...	...	...	Feeble. Distant.		N,E	L	25	...	...	...	...
	E	f	9 11	...	...	...	...			N	Mn	29 6	13	10	...	...
										E	Mn	30 25	15	10	...	...
										E	F	9 8	...	...	...	...

TABLE D₂—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.		1935.			H. M. S.	Sec.	μ	Km.	
1935.								1935.							
Dec. 18	N,E	e	11 53 ...	...	...	...	Tremors.	Dec. 23	N,E	l	14 54 30	...	...	...	Feeble. Felt at Srinagar.
	N,E	f	12 1 ...	...	...	...			N,E	l	15 3 46	...	...	...
Dec. 18	N,E	e	13 24 ...	...	...	...	Tremors.		N,E	f	16 2 ...	...	...	...
	N,E	f	47 ...	...	...	...		Dec. 24	N,E	l	12 43 52	...	...	...	Feeble. Distant.
Dec. 18	N,E	iP	17 5 39	...	...	3155	Slight.		N	Mn	14 6 47	15	4	...	
	N,E	eS	10 33	...	...	...			E	Mn	2 58	16	6	...	
	E	SR ₁	12 3	...	...	...			N,E	F	15 13 ...	...	...	...
	N,E	L	14 ...	...	...	...		Dec. 26	N,E	e	20 25 ...	...	...	...	Feeble. Distant.
	N	Mn	20 33	7	4	...			N,E	f	21 41 ...	...	...	...
	E	Mn	19 26	7	4	...		Dec. 27	N,E	e	19 12 ...	...	...	...	Feeble. Near.
	N,E	F	18 8 ...	...	...	...			N,E	f	30 ...	...	...	...
Dec. 18	N,E	e	21 19 ...	...	...	...	Tremors.	Dec. 28	N,E	iP	2 41 47	...	...	3490	Great. Epc: North Sumatra. O: 2h. 35m. 24s. G. M. T.
	N,E	f	46 ...	...	...	...			N,E	PR ₁	42 37	...	...	...
Dec. 19	N,E	e	9 52 ...	...	...	...	Feeble.		N,E	PR ₂	43 ...	...	...	...
	N,E	f	10 17 ...	...	...	...			N,E	IS	47 2	...	...	...
Dec. 19	N,E	e	13 37 ...	...	...	...	Feeble.		N	SR ₁	48 41	...	...	...
	N,E	f	14 5 ...	...	...	...			E	Mn	53 ...	25	12	...	
Dec. 19	N	e	21 33 ...	...	...	...	Feeble.		N	F	8 8 ...	...	...	...
	N,E	e	37 30	...	...	...			E	F	8 11 ...	...	...	...
	N	Mn	40 6	...	...	...		Dec. 28	N,E	cP	17 28 25	...	...	3380	Aftershock of the great shock of 28d. 2h. 41m. 47s. G.M.T.
	E	Mn	39 58	8	3	...			N,E	S	33 33	...	...	...
	N,E	F	59 ...	...	...	...			N,E	F	Mixed up with the following tremor.				
Dec. 19	N	iP	23 14 40	...	...	1900	Feeble.	Dec. 28	N	Mn	19 8 35	...	...	...	Seismic activity.
	E	eP							E	Mn	7 20	...	...	...
	N	i	15 34	...	...	...	Felt at Quetta.	Dec. 29	N,E	s	3 36 37	...	...	...	Slight.
	N,E	eS	17 57	...	...	...			N,E	e	41 00	...	...	...
	N,E	F	42 ...	...	...	...			N,E	f	4 56 ...	...	...	...
Dec. 20	N,E	e	18 50 0	...	...	...	Slight. Very distant.	Dec. 29	N,E	iP	23 47 23	...	...	6345	Slight.
	N,E	e	19 0 35	...	...	...			N,E	S	55 23	...	...	...
	N,E	F	21 46 ...	...	...	...			N	PS	56 5	...	...	...
Dec. 22	N,E	e	12 33 30	...	...	...	Feeble.		E	L	00 05 ...	...	...	...
	N,E	e	40 56	...	...	...			N,E	F	1 50 ...	...	...	...
	N,E	f	13 12 ...	...	...	...		Dec. 30	N,E	e	4 15 ...	...	...	...	Feeble. Distant.
Dec. 22	N,E	e	20 33 ...	...	...	...	Slight. Near.		N,E	f	5 41 ...	...	...	...
	N,E	e	37 16	...	...	...		Dec. 31	N,E	e	1 36 ...	...	...	...	Feeble. Distant.
	E	Mn	45 24	...	...	...			N,E	f	2 20 ...	...	...	...
	N,E	F	21 17 ...	...	...	...						

S. C. ROY,

Meteorologist, Colaba Observatory, Bombay.

STATION—ALIPORE OBSERVATORY, CALCUTTA.

Lat. 22° 32' N. Long. 88 °20' E. Height above M. S. L. 7· slight 1 metre.

Lithologic Foundation : Alluvial.

Instrument :—Milne-Shaw Seismograph East—West (E) component.

INSTRUMENTAL CONSTANTS.

Component.	Steady mass (Kg.)	T. (sec.).	Vm	€	Paper speed mm./min
E-W	0·45	12	250	20 : 1	8

TABLE D₃.

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	Km.
1935.															
Jan. 1	E	eP	13 34 24	...	...	11,550	Slight.	Jan. 4	E	P	16 29 38	...	...	5,940	Slight.
		PR ₁	38 34	...	...	...	L-waves poor.			S	37 10	...	...	...
		ScPcS	44 52	...	...	...				L	46 30	...	...	...
		SR ₁	53 1	...	...	...				Mn	51 57	15	17	...	
		SR ₁	57 24	...	...	...				F	17 51	...	...	...
		F	15 38	...	...	...		Jan. 4	E	e	17 53 38	...	...	...	Tremor.
Jan. 2	E	eP	22 25 43	...	...	820	Slight.	Jan. 4	E	e	21 52 41	...	...	...	Do.
		S	27 8	...	...	...		Jan. 4	E	e	23 50 56	...	...	...	Do.
		Mn	29 15	8	20	...		Jan. 5	E	e	10 18 47	...	...	...	Slight.
		F	55	...	...	...				i	21 35	...	...	...
Jan. 3	E	P	1 52 21	...	...	860	Great.	Jan. 5	E	e	16 29 32	...	...	...	Tremor.
		S	53 49	...	...	...		Jan. 6	E	P	7 12 24	...	...	800	Slight.
Jan. 3	E	e	3 11	...	...	...	Tremor.			S	13 47	...	...	...
Jan. 3	E	e	6 52 20	...	...	...	Do.			L	14 44	...	...	...
Jan. 3	E	e	12 49 6	...	...	...	Do.			Mn	16 10	5	18	...	
Jan. 3	E	e	14 36 49	...	...	...	Do.			F	41 0	...	...	...
Jan. 3	E	e	17 7 28	...	...	...	Do.	Jan. 6	E	P	11 20 0	...	...	820	Slight.
Jan. 3	E	e	18 22 28	...	...	...	Do.			S	21 25	...	...	...
Jan. 3	E	e	22 39 40	...	...	...	Do.			eL	22 9	...	...	...
Jan. 4	E	e	0 25 33	...	...	...	Do.	Jan. 6	E	P	17 57 5	...	...	810	Slight.
Jan. 4	E	e	5 14 44	...	...	...	Do.			S	58 30	...	...	...
Jan. 4	E	P	8 4 22	...	...	760	Slight.			L	59 14	...	...	...
		S	5 42	...	...	...				Mn	18 0 44	8	13	...	
		L	6 22	...	...	...				F	16	...	...	...
		F	31	...	...	...		Jan. 7	E	P	2 50 30	...	...	440	Slight.
Jan. 4	E	e	10 31 12	...	...	...	Tremor.			S	51 17	...	...	...
Jan. 4	E	P	14 50 52	...	...	6,030	Moderate.			L	51 34	...	...	...
	...	S	58 32	...	...	...				F	3 0	...	...	...
		SR ₁	15 2 16	...	...	...		Jan. 8	E	e	13 2 29	...	...	...	Tremor.
		L	7 54	...	...	...		Jan. 9	E	e	4 14 0	...	...	...	Do.
		Mn	13 42	14	23	...		Jan. 10	E	e	11 25 38	...	...	...	Do.
		F	Masked by misrosetams.			...						...	...	...

TABLE D₃—contd.

Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Period.	△	Remarks.
			H. M. S.	Sec.								H. M. S.	Sec.				μ	(Km.)
1935.																
Jan. 11	E	eP	0 14 28	...	...	3,265	Slight. Beginning uncertain.	Jan. 31	E	P	17 58 21	...	...	9,270	Slight.
		S	19 29	...	...	...				S	18 8 44	...	...	...
		Mn	29 49	14	10	...				SR ₁	14 22	...	...	...
		F	1 0 ...	...	...	...				F	19 39 ...	...	...	...
Jan. 11	E	e	21 16 40	...	...	...	Tremor.	Feb. 2	E	e	15 33 9	...	...	...	Tremors.
Jan. 12	E	P (?)	4 4 52	...	...	360	Slight.	Feb. 3	E	P	2 15 9	...	...	2,180	Moderate.
		P̄ (?)	5 2	...	...	...				S	18 49	...	...	...
		F	9 ...	...	...	...				SR ₁	19 29	...	...	...
Jan. 14	E	e	22 30 46	...	...	...	Tremor.			L	20 24	...	...	...
Jan. 16	E	e	6 20 57	...	...	...	Do.			Mn	22 19 6 31	...	...	...
Jan. 17	E	P	2 21 43	...	...	...	Slight. Beginning uncertain due to microseisms.	Feb. 3	E	P	16 37 7	...	...	3,650	Slight.
		S (?)	31 35	...	...	...				S	42 32	...	...	...
		F	Mixed with microseisms.				...				L	46 29	
Jan. 17	E	e	17 25 4	...	...	...	Tremor.			F	17 26 ...	...	...	...
Jan. 18	E	i	2 20 14	...	...	...	Slight. i probably S.	Feb. 7	E	e	17 37 19	...	...	...	Tremors.
		Mn	27 24	...	...	...						...	...	...
		F	Mixed up with microseisms.				
Jan. 18	E	P	17 20 34	...	...	4,920	Slight.	Feb. 9	E	eP	19 26 0	...	...	3,335	Slight.
		PR ₁	22 10	...	...	...				S	31 5	...	...	...
		S (?)	28 4	...	...	...				Mn	39 38 18 64	...	...	...
		Mn	37 15	14	13	...				F	20 24 ...	...	...	...
		F	18 8 ...	...	...	...						...	...	...
Jan. 18	E	e	20 57 14	...	...	...	Tremor.	Feb. 10	E	e	20 20 49	...	...	...	Tremors.
Jan. 19	E	e	13 37 16	...	...	...	Do.	Feb. 17	E	e	16 27 18	...	...	...	Do.
Jan. 22	E	P	15 6 18	...	...	6,060	Slight.	Feb. 19	E	eP	20 18 48	...	...	5,850	Slight.
		PR ₁	8 22	...	...	...				S	26 18	...	...	...
		PR ₂	9 21	...	...	...				SR ₁	30 1	...	...	...
		S	14 1	...	...	...				Mn	39 38 14 3	...	...	...
		F	58 ...	...	...	...				F	54 ...	...	...	...
Jan. 22	E	P	23 40 19	...	...	350	Slight.	Feb. 21	E	eP	18 45 32	...	...	1,230	Slight.
		S	40 54	...	...	...				S	47 44	...	...	...
		L	41 13	...	...	...				L	48 30	...	...	...
		F	50 ...	...	...	...						...	...	...
Jan. 23	N,E	P	7 36 18	...	...	8,430	Moderate (Omori-Ewing seismograms).	Feb. 22	E	eP	9 7 5	...	...	3,050	Slight.
	N,E	S	7 46 4	...	...	...				S	11 48	...	...	...
				...	...	...				SR ₁	13 15	...	...	...
Jan. 25	E	e	1 27 52	...	...	...	Tremor.			L	14 47	...	...	...
Jan. 26	E	e	18 16 47	...	...	...	Do.			Mn	17 17 10 12	...	...	...
Jan. 27	E	e	23 10 54	...	...	...	Do.			F	50 ...	...	...	...
Jan. 30	E	e	0 45 41	...	...	...	Do.	Feb. 22	E	P	17 17 22	...	...	7,920	Great.
Jan. 31	E	P (?)	12 2 50	...	...	550	Slight.			S	26 42	...	...	...
		P	3 10	...	...	...				SR ₁	31 29	...	...	...
		S	3 50	...	...	...				SR ₂	34 12	...	...	...
		F	33 ...	...	...	...				L	40 46	...	...	...
				...	...	...				Mn	47 35 18 127	...	...	...
				...	...	...				F	20 49 ...	...	...	...
						Feb. 23	E	e	21 8 16	Tremors.

TABLE D₃—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.					
1935.			H. M. S.	Sec.	μ	Km.						H. M. S.	Sec.	μ	Kms.			
Feb. 25	E	P	3 1 3	3	...	5,980	Slight.	Mar. 21	E	P	23 8 45	4	...	8,190	Slight			
		S	8 42	5	...	...				S	18 19	6	...	...		
		PS	9 15	5	...	...				L	32 43	10	...	...		
		SR ₁	12 9	6	...	...				M	38 17	15	14	...			
		F	Mixed up with microseisms.						Mar. 21	E	P	0 4 36	?	...	150	Data from Omori-Ewing E-W. Comp. Moderate. Felt locally.		
Mar. 3	E	P	22 49 44	...	...	1,710	Slight.			S	5 8	2	...	...		
		P*	50 36	...	...	...				L	5 19	3	...	...		
		S	53 44	...	...	...				F	41 ...	...	...	...	
		F	23 19			Mar. 24	E	e	0 6 16	2	Slight.		
Mar. 4	E		16 18 43	...	...	1,680	Slight.			i	8 31	3	...	...		
		P*	19 38	...	...	...				F	31 ...	...	...	...	
		S	21 40			Mar. 28	E	e	23 34 46	Tremors.		
		F	53			Mar. 29	E	PR ₁	12 42 42	11,450	Slight.		
Mar. 5	E	e	3 34 50	...	...	...	Tremors.			ScPcS	49 11	...	...	...	
		F	46 ...	...	...	...				L	13 28 5	...	...	...	
Mar. 5	E	e	10 34 23	...	...	...	Slight.			Mn	40 25	20	17	...			
		i	40 55	...	...	...				F	15 10 ...	...	...	...	
		Mn	48 51	12	33	...		Mar. 30	E	e	17 43 12	...	...	...	Tremors.		
Mar. 5	E	P	22 18 21	...	...	1,080	Moderate.			F	51 ...	...	...	...	
		S	20 13	...	...	...		Mar. 30	E	e	20 47 7	...	...	...	Tremors.		
		L	21 3	...	...	...				F	21 8 ...	...	...	...	
		Mn	22 53	8	196	...		Mar. 30	E	P	21 28 24	...	...	5,170	Slight.		
		F	23 56 ...	...	...	...				S	35 17	...	...	...	
Mar. 6	E	e	3 58 12	...	...	...	Tremors.			SR ₁	38 23	...	...	...	
		F	4 16 ...	...	...	...				L	42 33	...	...	...	
Mar. 7	E	P	3 23 21	...	...	670	Slight.			Mn	48 50	16	20	...			
		S	24 36	...	...	...		Apr. 3	E	eP	6 52 44	...	...	3,140	Slight.		
		F	46 ...	...	...	...				S	57 37	...	...	...	
Mar. 11	E	e	11 41 37	...	...	...	Tremors.			L	7 0 48	...	...	...	
		Mn	47 41	...	...	...		Apr. 3	E	P	11 16 28	...	...	2,100	Slight.		
		F	12 13 ...	...	...	...				S	20 2	...	...	...	
Mar. 13	E	P	3 16 26	2	...	610	Moderate.			L	21 23	8	...	...		
		S	17 32	3	...	...		Apr. 3	E	e	12 47 39	...	...	...	Tremor.		
		L	17 53	4	...	...		Apr. 11	E	eP	1 20 40	...	...	1,180	Moderate. Beginning doubtful.		
		F	39 ...	...	...	...				S	22 50	...	...	...	
Mar. 14	E	e	9 19 31	...	...	...	Tremors.			Mn	28 42	10	48	...			
Mar. 15	E	eP	10 36 24	1,078	Slight.		Apr. 11	E	eP	4 31 44	550	Slight.		
		S	38 23	...	...	...				S	32 44	...	...	...	
		L	38 55	...	...	...				L	33 4	...	...	...	
		F	11 2 ...	...	...	...				F	54 ...	...	...	...	
Mar. 16	E	e	7 58 44	...	...	...	Tremors.	Apr. 11	E	P	23 21 21	...	...	3,790	Moderate.		
Mar. 16	E	e	9 34 17	...	...	...	Do.			S	26 55	...	...	...	
Mar. 17	E	e	20 24 40	...	...	...	Do.			SR ₁	28 51	...	...	...	
Mar. 18	E	e	9 52 8	...	...	...	Do.			L	31 14	...	...	...	
										Mn	39 27	8	84	...				

TABLE D₃—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
May 20	E	e	5 29 23	...	...	...	Tremor.	June 2	E	P	9 21 10	...	...	2,370	Moderate.
May 21	N, E	P	4 24 5	...	...	660	Slight.			S	25 5	...	...	...
	N, E	S	25 19	...	...	...	Data of Omori-Ewing components.			L	26 50	...	...	...
	N, E	L	25 41	...	...	...		June 18	E	e	16 50 18	...	...	...	Tremor.
	N	F	55 ...	...	...	...		June 18	E	eP	22 34 53	...	...	4,055	Slight.
	E	F	52 ...	...	...	...				iS	40 44	...	...	...
May 23	E	e	14 29 35	...	...	...	Slight. Near.	June 22	E	eP	15 55 6	...	...	6,010	Slight.
		e	30 2	...	...	...				S	16 2 47	...	...	...
May 24	E	P	5 43 46	...	...	4,020	Moderate.			SR ₁	6 30	...	...	...
		PR ₂	45 21	...	...	...		June 24	E	P	23 35 45	...	...	9,670	Moderate.
		S	49 36	...	...	...				ScPcS	45 58	...	...	...	L-waves poor (Deep focus) Maximum motion near ScPcS
		L	54 18	...	...	...				eP	12 43 16	...	...	5,870	Slight.
		Mn	6 13 18	12	71	...		June 25	E	S	50 49	...	...	...	P uncertain due to microseisms.
May 25	E	eP	0 15 8	...	...	4,000	Slight.			Mn	13 11 41	13	15	...	
		S	20 55	...	...	...		June 29	E	e	7 12 0	...	...	...	Tremor.
		L	25 40	...	...	...				Mn	8 10 37	...	...	...
May 26	E	P	22 11 7	...	...	4,190	Slight.			F	9 8 ...	...	...	...
		PR ₂	12 50	...	...	...		June 30	E	e	6 48 7	...	...	...	Tremor.
		S	17 4	...	...	...		June 30	E	e	9 18 15	...	...	...	Tremor.
		SR ₂	19 56	...	...	...		June 30	E	e	9 46 54	...	...	...	Slight. Near.
		eL	22 15	...	...	...				i	47 53	...	...	...
		Mn	33 33	14	23	...		July 4	E	P	2 49 57	...	...	400	Slight.
		F	23 42	...	...	...				P	50 18	...	...	...
May 29	E	e	19 54 29	...	...	...	Tremor.			S	50 40	...	...	...
		F	20 34	...	...	...				Mn	52 35	4	36	...	
May 30	E	P	21 37 36	...	...	2,370	Very Great. Destructive Baluchistan.	July 5	E	P	17 58 23	...	...	2,610	Moderate.
		PR ₁	37 59	...	...	...				S	18 2 38	...	...	...
		S	41 31	...	...	...				L	4 43	...	...	...
May 30	N, E	P	21 37 40	...	...	2,370	Do.			M	6 43	6	71	...	
	N, E	S	41 35	...	...	...	Omori-Ewing data.	July 7	E	eP	13 29 16	...	...	3,290	Moderate.
	N	F	23 36	...	...	...				S	34 19	...	...	...
May 31	E	eP	2 8 21	...	...	2,370	Slight.			L	39 6	...	...	...
		S	12 16	...	...	...		July 9	E	e	5 6 24	...	...	...	Tremor.
		L	14 1	...	...	...		July 9	E	e	13 11 28	...	...	...	Do.
		Mn	14 56	8	43	...		July 10		e	20 39 45	...	...	...	Do.
May 31	E	e	8 25 51	...	...	...	Tremor.	July 11	E	e	8 40 53	...	...	...	Do.
May 31	E	eP	17 16 56	...	...	2,370	Slight.			F	14 10 ...	...	...	...
		S	20 51	...	...	...						...	...	...
		L	22 36	...	...	...						...	...	...
		Mn	23 56	8	30	..						...	...	...
June 1	E	P	4 34 55	...	...	2,370	Slight.					...	...	...
		S	38 50	...	...	...						...	...	...
		L	40 0	...	...	...						...	...	...
		M	41 0	8	34	...						...	...	...

TABLE D₃—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
July 12	E	e	1 50 11	...	...	...	Tremor.	Aug. 1	E	eP	14 13 44	...	...	4,260	Slight.
		Mn	54 37	...	...	...				PR ₂	15 24	...	...	...
July 15	E	e	14 36 8	...	...	...	Tremor.			S	10 48	...	...	...
July 16	E	P	16 25 11	...	...	3,330	Moderate.			SR ₁	22 6	...	...	...
		S	30 16	...	...	...				SR ₂	22 42	...	...	...
		L	33 45	...	...	...				F	15 36 0	...	...	...
		Mn	39 38	7	34	...		Aug. 3	N,E	P	1 14 35	...	...	2,300	Great.
		F	17 45	...	...	...			N,E	S	18 23	...	...	...
July 17	E	e	11 23 4	...	...	...	Tremor.		N,E	L	20 9	...	...	...
		Mn	48 29	...	...	...		Aug. 3	E	e	7 51 36	...	...	...	Tremor.
		F	12 53	...	...	...		Aug. 3	E	P	11 54 27	...	...	5,270	Slight.
July 19	E	P	0 58 29	...	...	5,510	Moderate.			S	12 1 27	...	...	...
		S	1 5 42	...	...	...				L	8 50	...	...	...
		Mn	21 21	20	52	...				F	39 ...	...	...	...
		F	2 24	...	...	...		Aug. 3	E	P	13 25 34	...	...	1,060	Slight.
July 23	E	e	4 4 56	...	...	...	Tremor.			S	27 26	...	...	...
		Mn	15 1	...	...	...				L	28 10	...	...	...
July 26	E	eP	9 16 47	...	...	1,060	Slight.			M	30 10	10	26	...	
		S	18 39	...	...	...				F	55 0	...	...	...
		L	19 25	...	...	...		Aug. 3	E	P	14 14 6	...	...	930	Slight.
		M	21 19	8	19	...				S	15 46	...	...	...
		F	36 ...	...	...	...				L	16 21	...	...	...
July 26	E	eP	10 35 20	...	...	2,290	Moderate.			F	37 ...	...	...	...
		PR ₂	35 49	...	...	...		Aug. 11	E	e	9 1 41	...	...	...	Tremor.
		S	39 8	...	...	...				F	21 ...	...	...	...
		L	40 50	...	...	...		Aug. 17	E	P	1 57 56	...	...	10,300	Moderate.
		Mn	43 27	10	186	...				RP ₁	2 1 36	...	...	...	L—waves poor.
		F	11 55	...	...	...				ScPcS	8 21	...	...	...
July 28	E	P	5 28 27	...	...	2,210	Slight.			PS	10 12	...	...	...
		S	32 9	...	...	...				Mn	32 36	20	64	...	
		L	33 49	...	...	...				F	4 45	...	...	...
		F	58 ...	...	...	...		Aug. 17	E	e	13 50 26	...	...	...	Tremor.
July 29	E	eP	7 51 20	...	...	12,650	Moderate.	Aug. 17	E	e	20 38 30	...	...	...	Tremor.
		PR ₁	55 57	...	...	...		Aug. 23	E	P	14 3 59	...	...	3,190	Moderate.
		PR ₂	58 27	...	...	...				PR ₁	4 42	...	...	...
		ScPcS	8 1 50	...	...	...				S	8 54	...	...	...
		PS	4 25	...	...	...				eL	12 10	...	...	...
		PPS	5 27	...	...	...				Mn	25 57	14	45	...	
July 29	E	eP	23 21 26	...	...	2,370	Slight.			F	16 3 ...	...	...	...
		S	25 23	...	...	...		Aug. 23	E	e	18 36 39	...	...	...	Slight.
		SR ₁	26 10	...	...	...				S (?)	37 22	...	...	...
		L	27 10	...	...	...				F	18 48 ...	...	...	...
July 30	E	eP	5 56 45	...	...	4,570	Slight.	Aug. 25	E	P	5 21 33	...	...	6,350	Slight.
		PR ₁	58 15	...	...	...				S	29 33	...	...	...
		PR ₂	58 49	...	...	...				L	39 18	...	...	...
		S	6 3 5	...	...	...				Mn	47 48	20	23	...	
		eL	9 13	...	...	...				F	6 48 ...	...	...	...

TABLE D₃—contd.

Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ.	Km.			1935.			H. M. S.	Sec.	μ.	Km.		
Aug. 26		E	16 46 38	...	...	...		Tremor.	Sept. 20	E	P	5 33 6	...	...	0,650		Moderate.
		F	17 22 0	...	...	...					S	41 24	...	...	
Aug. 27	E	e	5 36 50	...	...	...		Tremor.			L	51 59	...	...	
		F	6 10 ...	...	...	...			Sept. 20	E	P	21 14 14	...	...	6,750		Slight.
Aug. 31	E	e	17 31 17	...	...	...		Slight.			S	22 38	...	...	
		i	43 33	...	...	...					L	33 23	...	...	
		Mn	18 17 58	16	8	...			Sept. 23	E	P	9 28 19	...	...	6,600		Slight.
		F	44 ...	...	...	...					PR ₁	30 36	...	...	
Sept. 4	E	P	1 44 0	...	...	3,270		Great.			S	36 34	...	...	
		PR ₁	45 8	...	...	...					SR ₂	42 42	...	...	
		S	49 1	...	...	...					L	46 55	...	...	
		SR ₁	50 21	...	...	...			Sept. 24	E	P	5 11 4	2	...	6,440		Slight.
		L	52 10	...	...	...					S	19 9	...	...	
		Mn	56 46	10	145	...			Sept. 24	E	P	22 36 52	...	...	6,390		Slight.
		F	3 7 ...	...	...	...					S	44 55	...	...	
Sept. 4	E	e	3 35 36	...	...	...		Slight.			eL	54 55	...	...	
		Mn	47 56	20	58	...					F	23 50 ...	...	...	
Sept. 5	E	P	12 36 48	...	...	500		Slight.	Sept. 25	E	P	10 29 43	...	...	6,450		Slight.
		S	37 41	...	...	...					S	37 48	...	...	
		L	38 2	...	...	...					eL	48 4	...	...	
		Mn	13 38 22	3	30	...			Sept. 29	E	P	6 44 23	...	...	2,120		Slight.
		F	55 ...	...	...	...					S	47 58	...	...	
Sept. 9	E	P	6 26 56	...	...	5,950		Moderate.			L	49 23	...	...	
		S	34 33	...	...	...					Mn	51 28	7	8	...		
		L	43 26	...	...	...					F	7 10 ...	...	...	
		Mn	47 19	15	57	...			Oct. 1	E	P	6 14 54	...	...	1,580		Slight.
Sept. 11	E	P	14 13 11	...	...	5,670		Moderate.			S	17 41	...	...	
		S	20 33	...	...	...					SR ₁	18 7	...	...	
		L	28 50	...	...	...					L	18 31	...	...	
		Mn	38 1	12	41	...					Mn	20 1	8	65	...		
		F	17 39 ...	...	...	...					F	41 ...	...	...	
Sept. 15	E	e	11 28 14	...	...	...		Slight.	Oct. 2	E	P	5 42 5	...	...	5,620		Slight.
		i	35 57	...	...	...					S	49 25	...	...	
		F	12 25 ...	...	...	...					PS	50 0	...	...	
Sept. 15	E	P ₁	14 30 7	...	...	17,020		Slight.			SR ₁	52 53	...	...	
		PR ₁	33 56	...	...	...					L	57 33	...	...	
		PR ₂	37 23	...	...	...			Oct. 4	E	i	5 22 25	...	...	...		Slight. L-waves poor.
		PPS	47 17	...	...	...					f	59 ...	...	...	
		SR ₂	59 24	...	...	...					P	14 55 33	...	...	2,370		Slight.
		Mn	34 34	18	14	...					PR ₁	55 56	...	...	
		F	16 45 ...	...	...	...					S	59 28	...	...	
Sept. 18	E	e	8 39 46	...	...	...		Tremor.			L	15 1 13	5	19	...		
Sept. 20	E	P	1 56 34	...	...	6,620		Great.			Mn	2 8	5	...			
		S	2 4 50	...	...	...					F	46 ...	...	...	
		L	15 57	...	...	...			Oct. 6	E	e	7 27 21	...	...	...		Tremor.
		Mn	19 24	15	286	...					f	37 ...	...	...	

TABLE D₃—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	Km.
1935.									1935.								
Oct. 6	E	P	14 48 24	...	...	1,820	Slight.	Oct. 18	E	P	0 20 50	...	...	...	5,550	Moderate.
		S	51 34	...	...	...				S	28 5	...	...	...	...
		SR ₁	52 5	...	...	...				L	36 11	...	...	...	...
		L	52 38	...	...	...				Mn	45 11	15	79	...	...
		Mn	54 3	10	36	...				F	Lost in microseisms.						
		F	15 22	...	...	...		Oct. 18	E	P	11 14 33	...	...	...	15,590	Moderate.
Oct. 8	E	P	9 24 10	...	...	2,430	Moderate.			PR ₁	16 25	...	...	...	...
		PR ₁	24 34	...	...	...				S	21 51	...	...	...	...
		S	28 11	...	...	...				L	30 0	...	...	...	...
		SR ₁	29 0	...	...	...				Mn	37 51	12	27	...	...
		L	30 6	...	...	...				F	13 12	...	...	...	...
		Mn	33 33	6	71	...		Oct. 18	E	P	15 2 48	...	...	...	5,600	Slight.
		F	10 4	...	...	...				S	10 6	...	...	...	...
Oct. 10	E	e	20 15 21	...	...	...	Tremor.			L	18 15	...	...	...	...
		f	21 0	...	...	...				Mn	27 40	18	21	...	...
				...	...	...				F	16 41	...	...	...	...
Oct. 11	E	eP	4 24 56	...	...	2,110	Slight	Oct. 18	E	P	22 0 20	...	...	...	5,650	Slight.
		sP	25 45	...	...	...	L-waves poor. Deep focus (△ from Brunner chart).			S	7 42	...	...	...	...
		S	28 21	...	...	...				F	22 54	...	...	...	...
		F	58	...	...	...		Oct. 19	E	e	1 22 47	...	...	...	...	Tremor
Oct. 11	E	P	22 26 8	...	...	6,450	Slight.	Oct. 19	E	e	2 52 41	...	...	...	...	Tremor.
		PR ₁	28 21	...	...	...		Oct. 19	E	P	20 25 20	...	...	...	400	Slight.
		S	34 14	...	...	...				S	26 1	...	...	...	...
		L	44 21	9	...	...				L	26 19	4	...	...	...
		F	0 12	...	...	...				F	45	...	...	...	...
Oct. 12	E	P	16 54 8	...	...	5,490	Moderate.	Oct. 20	E	P	4 57 22	...	...	...	3,070	Slight.
		PR ₁	56 19	...	...	...				S	5 2 10	...	...	...	...
		S	17 1 20	...	...	...				L	5 8	8	...	...	...
		PS	1 55	...	...	...				F	6 6	...	...	...	...
		eL	10 25	7	...	...		Oct. 26	E	i	8 41 7	...	...	...	...	Slight. Very near L-waves poor.
		Mn	18 40	15	89	...				i	42 18	...	...	...	...
		F	19 47	...	...	...				F	Lost in microseisms.					
Oct. 13	E	P	2 6 19	...	...	5,570	Slight.	Oct. 26	E	i	21 25 59	...	...	...	...	Slight. Probably S.
		S	13 35	...	...	...				F	57	...	...	...	...
		eL	21 43	8	...	...		Oct. 27	E	e	6 55 42	...	...	...	...	Tremor.
		F	Lost in microseisms.														
Oct. 14	E	P	20 29 7	...	...	,900	Slight.	Oct. 28	E	i	12 15 18	...	...	...	...	Slight.
		S	32 24	...	...	...				F	46	...	...	...	...
		L	33 32	5	...	...									
		F	58	...	...	...		Oct. 30	E	P	2 34 40	...	...	...	780	Slight.
Oct. 17	E	P	14 37 28	...	...	2,350	Slight.			P (?)	35 26	...	...	...	...
		PR ₁	37 51	...	...	...				S	36 00	...	...	...	...
		S	41 21	...	...	...				Mn	38 5	7	21	...	...
		L	43 6	...	...	...				F	Lost in microseism.					
		Mn	49 23	16	24	...		Oct. 31	E	e	19 34 6	...	...	...	...	Tremor.
		F	15 32	...	...	...				F	20 2	...	...	...	...

TABLE D₃—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	Km.
1935.																
Oct. 31	E	e	23 4 19	...	...	...	Tremor.	Nov. 25	E	P	10 7 10	...	...	1930	Moderate.
		F	47 ...	...	...	...				PR ₁	7 25	...	...	...
Nov. 1	E	e	6 22 41	...	...	...	Tremor.			S	10 30	...	...	...
		F	7 35 ...	...	...	...				SR ₁	11 4	...	...	...
Nov. 1	E	P	16 25 24	...	...	1,500	Great.			L	11 44	...	...	...
		S	28 12	...	...	...				Mn	25 27	10	183	...	
		L	29 12	10	...	...				F	12 52	...	...	...
		Mn	33 42	15	682	...		Nov. 26	E	eP	0 37 26	...	...	550	Slight.
		F	18 35 ...	...	...	...				S	38 26	...	...	...
Nov. 1	E	e	21 0 10	...	...	...	Tremor.			L	38 46	5	...	...
		F	20 ...	...	...	...				F	1 2 ...	...	...	...
Nov. 3	E	e	16 37 32	...	...	...	Slight.	Nov. 26	E	P	18 37 32	...	...	1,970	Slight
		Mn	42 42	7	...	...				S	40 55	...	...	...
		F	Lost in microseism.			...					L	42 14	
Nov. 5	E	P	21 5 18	...	...	3,850	Slight.	Nov. 29	E	e	19 39 3	...	...	...	Slight
		PR ₁	6 45	...	...	...				e	41 12	...	...	...
		S	10 55	...	...	...				F	20 2 ...	...	...	...
		L	15 20	7	...	...								...
		F	22 5 ...	...	...	...		Nov. 30	E	e	3 38 10	...	...	...	Tremor.
Nov. 12	E	e	18 51 20	...	...	...	Tremor.			Mn	53 37	...	...	...
		F	19 9 ...	...	...	...		Nov. 30	E	e	4 55 49	...	...	...	Tremor.
Nov. 12	E	P	21 32 58	...	...	2,370	Moderate.			Mn	5 8 25	...	...	...
		S	36 53	...	...	...				F	6 1 ...	...	...	...
		L	38 41	...	...	...		Nov. 30	E	eP	16 23 45	...	...	350	Slight.
		Mn	44 57	15	43	...				S	24 25	...	...	...
		F	22 33 ...	...	...	...				L	24 31	...	...	...
Nov. 14	E	P	20 7 47	...	...	7,350	Slight.	Nov. 30	E	P	16 32 20	...	...	430	Slight.
		S	16 42	...	...	...				S	33 8	...	...	...
		SR ₁	21 12	...	...	...				eL	33 20	...	...	...
		F	21 1 ...	...	...	...				F	16 54 ...	...	...	...
Nov. 16	E	eP	5 57 30	...	...	3,970	Slight.	Dec. 1	E	eP	23 52 18	...	...	4,000	Slight.
		PR ₂	59 2	...	...	...				PR ₁	53 51	...	...	...
		S	6 3 15	...	...	...				S	58 4	...	...	...
		eL	7 59	...	...	...				SR ₂	0 0 36	...	...	...
Nov. 17	E	P	18 16 20	...	...	610	Slight.			L	2 50	...	...	...
		S	17 23	...	...	...				Mn	9 43	10	19	...	
		eL	17 44	...	...	...				F	Lost in microseisms.			...	
		F	18 37 ...	...	...	...		Dec. 2	E	eP	16 49 48	...	...	4,010	Slight.
Nov. 22	E	P	12 1 55	...	...	1,000	Slight.			S	55 36	...	...	...
		S	3 42	...	...	...				L	17 0 38	...	...	...
		L	4 18	...	...	...				Mn	7 11	14	16	...	
		F	21 ...	...	...	...				F	18 7 ...	...	...	...
Nov. 23	E	e	9 58 47	...	...	...	Slight.	Dec. 5	E	e	18 8 37	...	...	...	Tremor.
		F	10 11 ...	...	...	...				Mn	43 29	20	17	...	
										F	Lost in microseisms.			...		

TABLE D₃—concl'd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Dec. 7	E	P	4 41 25	...	...	450	Slight.	Dec. 19	E	e	9 40 43	...	...	...	Tremor.
		S	42 11	...	...	...		Dec. 19	E	e	13 33 29	...	...	...	Slight, near.
		L	42 33	...	...	...				Mn	38 32	...	...	...
		F	55 ...	...	...	...				F	14 0 ...	...	...	...
Dec. 9	E	e	16 6 2	...	...	...	Tremor.	Dec. 19	E	e	21 31 20	...	...	...	Slight, near.
		f	17 ...	...	...	...				Mn	34 40	...	...	...
Dec. 14	E	eP	1 50 34	...	...	8,100	Slight.	Dec. 19	E	P	23 15 15	...	...	2,210	Slight.
		PR ₁	54 54	...	...	...				S	18 57	...	...	...
		S	2 0 4	...	...	...				L	20 34	...	...	...
		SR ₁	7 46	...	...	...				F	40 ...	...	...	...
		L	14 4	...	...	...		Dec. 20	E	P	18 48 56	...	...	8,630	Slight.
		F	3 33 ...	...	...	...				S	58 51	...	...	...
Dec. 14	E	i	12 55 53	...	...	...	Tremor.			SR ₁	19 4 4	...	...	...
		f	13 56 ...	...	...	...				eL	14 15	...	...	...
Dec. 14	E	P ₁	22 24 59	...	...	16,370	Moderate.			F	21 0 ...	...	...	...
		ScPc PcS	34 59	...	...	...		Dec. 22	E	e	12 31 22	...	...	...	Tremor.
		PS cPcS	38 37	...	...	...	Epc: 14° N, 94° W (U. S. C. G. S.)	Dec. 22	E	e	20 39 36	...	...	...	Tremor.
		SR ₁	47 26	...	...	...				F	21 19 ...	...	...	...
		L	23 11 37	...	...	...		Dec. 23	E	e	5 22 22	...	...	...	Slight, near.
		Mn	31 12	25	97	...				Mn	25 35	...	...	...
		F	0 56 ...	...	...	...				F	41 ...	...	...	...
Dec. 15	E	P	7 19 50	...	...	8,940	Great	Dec. 23	E	e	11 36 4	...	...	...	Tremor.
		PF ₁	24 38	...	...	...	Epc: 12° S, 161° E (U. S. C. G. S.)			f	50 ...	...	...	...
		S	29 58	...	...	...	Felt in Solomon Islands.	Dec. 24	E	e	12 44 6	...	...	...	Slight, very distant.
		PS	30 40	...	...	...				i	50 10	...	...	...
		F	11 0 ...	...	...	...				i	13 7 44	...	...	...
Dec. 17	E	e	13 31 26	...	...	...	Tremor.			F	14 52 ...	...	...	...
Dec. 17	E	P	19 24 28	...	...	3,720	Moderate.	Dec. 28	E	P	2 40 43	...	...	2,720	Great.
		S	29 57	...	...	...	Epc: East of Formosa.			S	45 6	...	...	...	Epc: North Sumatra.
		L	34 11	...	...	...		Dec. 28	E	P	17 27 27	...	...	2,670	Slight.
		Mn	39 59	20	56	...				S	31 48	...	...	...	Aftershock of the previous one.
		F	21 52 ...	...	...	...				eL	34 2	...	...	...
Dec. 17	E	e	22 42 48	...	...	...	Tremor.			F	18 32 ...	...	...	...
Dec. 18	E	P	7 14 22	...	...	1,710	Slight.	Dec. 29	E	e	3 35 39	...	...	...	Slight.
		S	17 22	...	...	...				i	37 6	...	...	...
		L	18 22	...	...	...				F	4 39 ...	...	...	...
		Mn	20 1	7	46	...		Dec. 29	E	P	23 45 59	...	...	5,110	Slight.
Dec. 18	E	Mn	8 16 40	...	...	...	Seismic activity, masked by mic- roseisms. Tremor.			S	52 50	...	...	...	Data from Omori- Ewing.
Dec. 18	E	e	13 21 49	...	...	...				L	59 56	...	...	...
Dec. 18	E	eP	17 2 42	...	...	1,710	Slight.	Dec. 30	E	eP	4 16 21	...	...	2,680	Slight.
		S	5 42	...	...	...				S	20 41	...	...	...
		L	6 43	...	...	...				eL	22 56	...	...	...
		Mn	9 50	10	29	...		Dec. 30	E	e	16 4 58	...	...	...	Tremor.
		F	18 3 ...	...	...	...				F	25 ...	...	...	...
Dec. 18	E	e	21 15 23	...	...	...	Tremor.	Dec. 31	E	e	1 41 4	...	...	...	Tremor.
		F	38 ...	...	...	...						...	...	...

S. N. SEN,
Meteorologist, Alipore Observatory, Calcutta.

STATION—SOLAR PHYSICS OBSERVATORY, KODAIKANAL.

Lat. 10° 13' 50"N, Long. 77° 28' 00"E.

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

Instruments : Milne-Shaw Seismograph East-West (E) Component.

INSTRUMENTAL CONSTANTS.

Component.	Steady mass. (Kg.)	T. (sec.)	Vm	ε	Paper speed (mm/min.)
E-W	0.45	11.5	250	20 : 1	8

TABLE D. 4.

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.		
1935.								1935.								
Jan. 1	E	e	13 37 8	...	...	12,220	Beginning uncertain. Long waves poor.	Jan. 4	E	eP	16 29 24	...	...	6,110	
		ScPcs	46 10					PR ₁	31 29	
		SR ₁	55 37					PR ₂	32 29	
		F	16 21					eS	37 11	
Jan. 3	E	iP	1 55 12	...	...	2,565				PS	37 40	...	...	...
		iS	59 23	...	...	...				SR ₁	40 56	...	...	...
		Mn	2 4 17	9	248	...				SR ₂	42 41	...	...	...
		F	4 12	...	...	...				L	46 6	...	...	...
Jan. 3	E	e	6 11 27	...	...	...	Tremors.	Jan. 4	E	e	19 46 36	...	...	...	Tremors.
		F	7 28	...	...	...				F	20 12	...	...	...
Jan. 4	E	e	0 25 18	...	...	...	Tremors.	Jan. 5	E	iP (?)	10 13 26	...	...	3,510	
		F	1 9	...	...	...				PR ₂	14 31	...	...	...
Jan. 4	E	e	8 10 6	...	...	...	Tremors.			iS	18 43	...	...	...
		F	28	...	...	...				L	21 48	...	...	...
Jan. 4	E	e	10 34 12	...	...	...	Feeble shock.	Jan. 5	E	e	16 22 48	...	...	...	Feeble shock.
		F	11 10	...	...	...				F	17 28	...	...	...
Jan. 4	E	eP	14 50 50	...	...	5,855		Jan. 6	E	e	7 15 22	...	...	...	Feeble shock.
		ePR ₁	52 43	...	...	...				F	8 13	...	...	...
		ePR ₂	53 38	...	...	...		Jan. 10	E	e	11 31 35	...	...	...
		cS	58 23	...	...	...				Mn	36 4	11	3	...	
		PS	53 57	...	...	...				F	12 6	...	...	...
		SR ₁	15 1 56	...	...	...		Jan. 11	E	?	?	...	...	Feeble shock. Time not estimable.	
		SR ₂	3 26	...	...	...		Jan. 13	E	e	15 52 23	...	...	...
		L	6 57	...	...	...				F	16 3	...	...	...
		Mn	18 56	16	20	...										
		F	Mixed up with the following shock.													

TABLE D₄—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Jan. 17	F	eP	2 21 35	...	...	3,310		Feb. 13	F	e	17 37 39	...	...	...	Feeble shock.
		PR ₁	22 22	...	...	...				F	19 12	...	...	...
		S	26 39	...	...	...		Feb. 14	E	e	15 53 31	...	...	...	Tremors.
		SR ₁	28 8	...	...	...				F	16 40	...	...	...
		L	30 18	...	...	...		Feb. 19	E		No minute marks.			Feeble shock.	
		Mn	32 51	9	8	...		Feb. 22	E	eP	17 18 47	...	...	9,700	
		F	3 55	...	...	...				PR ₁	21 51	...	...	...
Jan. 18	E		No time marks.				Feeble shock.			IPR ₁	23 56	...	...	...
Jan. 18	E	e	11 49 40	...	...	...	Tremors.			ScPcS	29 4	...	...	...
		F	12 16	...	...	...				IS	29 28	...	...	...
Jan. 19	E	e	3 14 14	...	...	...	Feeble shock.			L	46 25	...	...	...
		F	36	...	...	...				Mn	59 35	22	66	...	
Jan. 22	E	e	15 7 14	...	...	...	Tremors.			F	20 59	...	...	...
		F	50	...	...	...		Feb. 23	E	e	21 6 38	...	...	...	Tremors.
Jan. 23	E	eP	7 37 22	...	...	9,755				F	51	...	...	...
		PR ₁	42 42	...	...	...		Feb. 24	E	e	11 12 45	...	...	...	Tremors.
		ScPcS	47 39	...	...	...				F	12 40	...	...	...
		IS	48 6	...	...	...		Feb. 25	E	P	3 0 ?	...	...	6,000	Beginning lost under clip mark.
		PS	49 8	...	...	...				i	8 14	...	...	...
		PPS	49 36	...	...	...				iSR ₁	12 00	...	...	...
		SR ₁	54 10	...	...	...				L	17 20	...	...	...
		SR ₂	57 51	...	...	...				Mn	25 57	20	16	...	
		L	8 6 58	...	...	...				F	4 26	...	...	...
		Mn	23 53	19	16	1.4		Feb. 28	E	e	13 18 15	...	...	...	Tremors.
		F	11 2	...	...	...				F	33	...	...	...
Jan. 31	E		No time marks.				Tremors.	Feb. 28	E	e	14 28 14	...	...	...	Tremors.
Feb. 3	E	eP	2 16 18?	...	...	...	Time uncertain minute marks being irregular.	Feb. 28	E	e	15 4	...	...	...
		PR ₁	16 5?	...	...	...		Mar. 4	E	S	16 24 33	...	...	2,980	Beginning uncertain.
		eS	20 26?	...	...	...				L	27 22	...	...	...
		L	22 33?	...	...	...				F	49	...	...	...
		Mn	24 26?	8	19	...		Mar. 5	E	P	10 32 38	...	...	4,400	Beginning uncertain.
		F	5 14	...	...	...				eS	38 50	...	...	...
Feb. 4	E	eP	7 54 36	...	...	3,690				SR ₁	41 20	...	...	...
		IS	8 0 4	...	...	...				SR ₂	42 5	...	...	...
		Mn	8 6 43	22	5	...				L	44 30	...	...	...
		F	9 36	...	...	...				F	11 56	...	...	...
Feb. 5	E		Time not readable.				Feeble shock.	Mar. 5	E	iP	22 20 26	...	...	1,935	
Feb. 5	F	e?	3 49 43	...	...	...	Feeble shock.			IS	23 46	...	...	...
		F	4 22	...	...	...				Mn	26 28	5	70	...	
Feb. 7	E		...	...	...	...	Feeble shock. Phases not clear.	Mar. 7	E	e	7 20 53	...	...	...	Feeble shock.
Feb.	E	eP	19 27 48	...	...	4,835	Preliminary move- ments very feeble			F	24 15	...	...	...
		eS	34 23	...	...	...		Mar. 12	E		Lines overlapping.				
		L	43 48	...	...	...		Mar. 13	E		Lines overlapping.				
		Mn	48 25	17	6	...									
		F	22 20	...	...	...						

TABLE D₄—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Mar. 15	E	e	10 41 42	...	...	...		April 20	E	IP	22 10 3	...	...	4,810	Epc: Formosa.
		S(?)	44 4	...	...	...				IS	16 37	...	...	...
Mar. 15	E		Lines overlapping.							IPS	17 21	...	...	...
Mar. 21	E	e	8 19 38	...	...	...	Tremors.			ISR ₁	20 30	...	...	...
		F	33	...	...	...				ISR ₂	21 43	...	...	...
Mar. 25	E	e	5 18 00	...	...	...	Tremors.			IL	24 18	...	...	...
		F	39	...	...	...				Mn	31 55	15	38	...	
April 3	E	eP	11 17 19	...	...	2,619		April 21	E	e	7 33 30	...	...	...	No minute marks.
		IS	21 40	...	...	...				IS	39 30	...	...	...	Times approximate.
		ISR	22 38	...	...	...				Mn	50	...	17	9	...
		L	24 1	...	...	...				F	8 44	...	...	...
		Mn	26 3	5	8	...		April 23	E	IP	16 50 20	...	...	2,310	Epc: Assam.
		F	12 1	...	...	...				IS	54 11	...	...	...
April 10	E	e	19 45 20	...	...	...				L	56 28	...	...	...
		f	20 0	...	...	...				F	17 33	...	...	...
April 11	E	eP	1 22 15	...	...	2,250		April 24	E	IP	15 54 54	...	...	1,155	Epc: Southeast Maldiva Island
		iPR ₂	22 53	...	...	...				S	57 02	...	...	...
		eS	26 00	...	...	...				F	17 19	...	...	...
		L	28 31	...	...	...		April 24	E	e	17 58 43	...	...	...	Tremors.
		Mn	30 40	15	7	...				f	18 19	...	...	...
		F	2 38	...	...	...		May 1	E	eP	10 32 42	...	...	4,610	
April 11	E	iP	23 21 30	...	...	3,700				eS	39 5	...	...	...
		IS	26 59	...	...	...				iSR ₂	42 33	...	...	...
		IL	31 4	...	...	...				L	45 2	...	...	...
		Mn	36 30	9	15	...				F	11 37	...	...	...
		F	1 52	...	...	...		May 1	E	e	14 19 00	...	...	...	Tremors
April 12	E	e	12 51 17	...	...	...	Feeble.			f	32	...	...	...
		f	13 41	...	...	...		May 7	E	e	6 3 00	...	...	...
Apr 1 12	E	e	22 40 10	...	...	...	Feeble.			f	35	...	...	...
		f	23 11	...	...	...		May 12	E	e	3 6	...	...	...	Series of tremors.
April 19	E	iP	15 33 41	...	...	6,550	Great.			f	4 0	...	...	...
		iPR ₁	36 6	...	...	...	Epc: Mediterranean Sea off Coast of Tripoli.	May 12	E	e	5 30 46	...	...	...	Feeble.
		IS	41 53	...	...	...				i	34 16	...	...	...
		IPS	15 42 26	...	...	...				f	6 6	...	...	...
		ISR ₁	46 05	...	...	...		May 13	E	iP	19 59 1	...	...	2,680	
		ISR ₂	48 25	...	...	...				IS	20 3 21	...	...	...
		IL	55 11	...	...	...				SR ₂	4 33	...	...	...
		Mn	16 1 23	19	305	...				L	5 58	...	...	...
		F	19 13	...	...	...				F	21 5	...	...	...
April 19	E	e	20 50 10	...	...	...	Feeble.	May 14	E	FR ₁	23 41 32	...	...	11,670	Beginning uncertain due congestion of lines.
		f	21 29	...	...	...				ScPcS	47 41	...	...	...
April 20	E	iP	5 21 8	...	...	6,600	After shock of Mediterranean Sea Earthquake.			PS	50 38	...	...	...
		IS	29 23	...	...	...				F	1 5	...	...	...
		L	43 00	...	...	...						...	...	...
		Mn	48 47	14	17	...						...	...	...
		F	6 53	...	...	...						...	...	...

TABLE D₄—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.		
July 23	E	e	3 58 59	...	...	...	No minute marks.	Aug. 17	E	eP	1 58 12	...	...	10900	L-waves poor.
		i	4 01 52	...	...	...				ePR ₁	2 2 7	...	...	...
		Mn	04 04?	10	36	...				IPR ₁	4 13	...	...	...
		F	51 ...	...	...	...				ScPcS	8 36	...	...	...
July 27	E	e	12 12 25	...	...	...	Beginning un- certain.			ScPcPcS	9 16	...	...	...
		e	17 09	...	...	...				PS	11 00	...	...	...
		L	19 31	...	...	...				iSR ₁	16 20	...	...	...
		Mn	21 37	10	6	...				Mn	29 0 40	79	...	...
July 28	E	e	10 31 30	...	...	...	Phases not clear.	Aug. 23	E	IP	14 3 45	...	...	3,065	
		Mn	56 45	6	5	...				iS	8 33	...	...	...
		F	11 53	...	...	...				iSR ₁	9 51	...	...	...
July 28	E	e	5 30 55	...	...	...				L	11 51	...	...	...
		i	34 50	...	...	...				Mn	13 14 19	37	...	...
		L	36 38	...	...	...				F	15 26	...	...	...
		Mn	38 24	4	5	...			Aug. 25	E	e	5 49 20	Tremors.
July 29	E	eP ₁	7 52 17	...	...	13510		Sept. 4	E	IP	1 45 50	...	...	4635	
		PR ₁	53 31	...	...	...				PR ₁	47 20	...	...	...
		ScPcP	55 06	...	...	...				iPR ₁	47 47	...	...	...
		PR ₂	56 14	...	...	...				iS	52 15	...	...	...
		Sc P c S	59 7	...	...	...				SR ₁	55 2	...	...	...
		ScPcPcS	8 00 43	...	...	...				SR ₂	55 48	...	...	...
		S	01 40	...	...	...				L	58 30	...	...	...
		PS	03 43	...	...	...				Mn	2 9 6 10	8	...	...
		PPS	04 56	...	...	...				F	Mixed up with the following shock.				
		SR ₁	10 28			Sept. 4	E	e	3 36 8	Feeble shock.
		SR ₂	14 55	...	...	...				f	4 33	...	...	...	...
July 29		e	23 27 44		Lines overlapping.	Sept. 9	E	eP	6 28 8	6,820	
		Mn	33 35	8	12	...					iS	36 36	
July 30	E	e	5 55 30	...	...	...	Other phases not clear.			PS	37 7	...	...	...
		L	6 8 37	...	...	...				SR ₁	40 43	...	...	...
		Mn	12 29	17	9	...				SR ₂	42 52	...	...	...
		F	7 4	...	...	...				L	47 29	...	...	...
Aug. 1	E	e	14 27 24	...	...	...	Slight shock.	Sept. 11	E	e	12 42 42	...	...	...	Tremors.
		f	49 ...	...	...	...				f	13 14	...	...	...
Aug. 3	E	iP	1 14 36	...	...	2245		Sept. 11	E	IP	14 14 58	...	...	7,365	
		iS	18 21	...	...	...				PR ₁	17 23	...	...	...
		SR ₁	19 6	...	...	...				PR ₂	18 41	...	...	...
		L	20 4	...	...	...				iS	23 54	...	...	...
		Mn	21 45	13	429	...				PS	24 22	...	...	...
		F	3 56	...	...	...				SR ₁	28 21	...	...	...
										SR ₂	30 45	...	...	...
									L	35 45	...	...	...
									Mn	51 3 19	16	...	...	
									F	17 25	...	...	...

TABLE D₄—contd.

Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampli- tude.	△	Remarks.	
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.		
Sept. 12	E	eP?	17 13 40	...	...	2,180?	Beginning certain.	Oct. 2	E	iP	5 43 57	...	...	7,355	
		eS	17 20	...	...	...				PR ₁	46 19	...	...	...
		L	19 0	...	...	...				S	52 52	...	...	...
		Mn	20 50	9	3	...				PS	53 22	...	...	...
		F	44 ...	...	...	...				SR ₁	57 28	...	...	...
Sept. 15	E	e	11 37 13	...	...	...	Tremors.			SR ₂	59 50	...	...	...
		f	13 1 0	...	...	...				F	7 1 ...	...	...	...
Sept. 15	E	e	14 53 51	...	...	...	Other phases not clear.	Oct. 4	E	i	5 23 28	...	...	...	Feeble. Other phases not clear.
		L	15 22 34	...	...	...				f	49 ...	...	...	...
		Mn	39 35	19	16	...		Oct. 4	E	eP	14 55 41	...	...	2,360	Feeble. L-waves poor.
		F	16 59 ...	...	...	...				S	59 35	...	...	...
Sept. 18	E	e	8 34 30	...	...	...	Feeble shock.			SR ₁	15 0 35	...	...	...
		f	9 38 ...	...	...	...				L	1 18	...	...	...
Sept. 20	E	iP	1 57 18	...	...	7,200				Mn	2 48	6	9	...	
		PR ₁	59 45	...	...	...				F	40 ...	...	...	...
		S	2 6 3	...	...	...		Oct. 6	E	e	14 53 27	...	...	...	Feeble shock
		PS	6 44	...	...	...				f	15 28 ...	...	...	...
		SR ₁	10 33	...	...	...				e	5 39 25	...	...	...	Tremors.
		L	21 20	...	...	...				f	6 38 ...	...	...	...
		Mn	26 51	25	544	...				e	9 25 40	...	...	2885	
		F	Mixed up with the following shock			...					S	30 15	
Sept. 20	E	iP	5 33 55	...	...	7,255				SR ₁	31 29	...	...	...
		PR ₁	36 17	...	...	...				L	33 0	...	...	...
		PR ₂	37 42	...	...	...				Mn	34 47	7	21	...	
		IS	42 45	...	...	...				F	10 21 ...	...	...	...
		PS	43 15	...	...	...				e	4 27 11	...	...	...	Slight.
		SR ₁	47 18	...	...	...		Oct. 11	E	iS (?)	30 4	...	...	...
		SR ₂	49 33	...	...	...				iP	22 26 56	...	...	7,455	
		L	54 33	...	...	...				PR ₁	29 28	...	...	...
		Mn	6 4 17	15	18	...				eS	35 56	...	...	...
		F	8 44 ...	...	...	...				PS	36 29	...	...	...
Sept. 23	E	iP	9 29 7	...	...	7,310				SR ₂	43 36	...	...	...
		PR ₁	31 36	...	...	...				L ?	49 6	...	...	...
		PR ₂	32 55	...	...	...				F	24 0 ...	...	...	...
		IS	38 0	...	...	...				eP	16 55 35	...	...	7,705	
		PS	38 33	...	...	...		Oct. 12	E	S	17 4 46	...	...	...
		SR ₁	42 30	...	...	...				PS	5 13	...	...	...
		SR ₂	44 50	...	...	...				SR ₁	9 25	...	...	...
		Mn	58 43	18	14	...				SR ₂	12 14	...	...	...
Sept. 24	E	e	22 48 ...	...	...	...	Feeble shock.			L	18 20	...	...	...
		F	0 14 ...	...	...	...				Mn	30 0	15	9	...	
Sept. 25	E	e	10 30 33	...	...	...	Feeble shock.			F	19 30 ...	...	...	...
		f	11 38 ...	...	...	...				e	15 57 52	...	...	...	Tremors.
Sept. 29	E	e	6 48 19	...	...	...	Tremors.	Oct. 13	E	f	16 33 ...	...	...	...
		f	7 17 ...	...	...	...						...	...	...

TABLE D₄—contd.

Date.	Compt.	Phase.	G. M. T.		Ampl. tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.		Ampl. tude.	△	Remarks.	
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.		
1935.								1935.								
Oct. 17	E	IP	14 37 24	...	...	2,455		Oct. 30	E	e	2 40 33	...	...	...	Tremors.
		iPR ₁	37 44	...	...	...				f	3 45 ...	...	...	...
		PR ₂ ?	37 52	...	...	...		Oct. 31	E	e	19 32 ...	...	...	...	Tremors.
		IS	41 26	...	...	...				f	20 23 ...	...	...	...
		SR ₁	42 15	...	...	...		Nov. 1	E	e	7 7 13	...	...	...	Tremors.
		cL	43 30	...	...	...				f	8 0 ...	...	...	...
		Mn	45 21	20	7	...		Nov. 1	E	IP	16 27 53	...	...	2,855	
		F	15 31 ...	...	...	...				PR ₁	28 29	...	...	...
Oct. 18		eP	0 22 36	...	...	7,195				IS	32 26	...	...	...
		PR ₁	24 58	...	...	...				L	35 17	...	...	...
		PR ₂	26 15	...	...	...				Mn	40 58	15	57	...	
		iS	31 24	...	...	...				F	19 7 ...	...	...	...
		iPS	31 53	...	...	...		Nov. 3	E	eP	16 46 0	...	...	1,600	
		SR ₁	35 54	...	...	...				eS	48 49	...	...	...
		L	42 24	...	...	...				SR ₁	49 20	...	...	...
		Mn	57 36	17	18	...				L	49 45	...	...	...
		F	2 3 ...	...	...	...				M	51 9	9	3	...	
Oct. 18	E	IP	11 15 45	...	...	6,955				F	17 8 ...	...	...	...
		PR ₁	18 9	...	...	...		Nov. 5	E	IP	21 6 8	...	...	5,300	
		PR ₂	19 17	...	...	...				PR ₁	7 50	...	...	...
		S	24 20	...	...	...				PR ₂	8 27	...	...	...
		PS	24 50	...	...	...				iS	13 10	...	...	...
		SR ₁ ?	28 46	...	...	...				SR ₁	16 14	...	...	...
		SR ₂ ?	30 49	...	...	...				SR ₂	17 20	...	...	...
		L	35 33	...	...	...				L	20 7	...	...	...
		Mn	39 30	20	8	...				Mn	24 4	25	13	...		
		F	12 30 ...	...	...	...				F	22 32	...	...	...
Oct. 18	E	e	15 57 52	...	...	...	Tremors.	Nov. 6	E	Lines overlapping.		Times indecipherable.		Tremors.	
		f	16 33 ...	...	...	...		Nov. 9	E	e	6 5 25	...	...	...	Feeble.
Oct. 20	E	eP	4 55 45	...	...	...				f	55 ...	...	...	...
		eS	59 15	...	...	...		Nov. 10	E	e	9 14 25	...	...	...	Tremors.
		SR ₁	5 0 9	...	...	...				f	10 18 ...	...	...	...
		L	1 0	...	...	...		Nov. 10	E	e	18 50 25	...	...	...	Distant. Feeble.
		Mn	3 0	14	7	...				f	20 59 ...	...	...	...
		F	55 ...	...	...	...		Nov. 11	E	e	13 23 40	...	...	...	Distant. Feeble.
Oct. 26	E	e	21 27 52	...	...	...	Feeble shock.			f	15 3 ...	...	...	...
		L	31 24	...	...	...		Nov. 12	E	iP	21 33 0	...	...	2,345	
		Mn	32 22	11	8	...				PR ₂	33 31	...	...	...
		f	49 ...	...	...	...				iS	36 53	...	...	...
Oct. 27	E	e	5 49 ...	...	...	...	Tremors.			L	38 37	...	...	...
		f	6 35 ...	...	...	...				M	40 30	20	23	...	
Oct. 28	E	e	12 17 48	...	...	...	Feeble.			F	23 7 ...	...	...	...
		L	20 46	...	...	...		Nov. 14	E	e	20 23 30	...	...	...	Feeble.
		Mn	21 32	10	7	...				f	21 11 ...	...	...	...
Oct. 29	E	e	10 14 ...	...	...	...	Tremors.					...	...	...
		f	49 ...	...	...	...						...	...	...

TABLE D₄—contd.

Date	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Ampl- tude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Nov. 16	E	e	5 58 48	...	...	...	Feeble.	Dec. 15	E	eP	7 20 28	...	...	9,500	Epc : 12° S, 161° E (U. S. C. G. S.). Felt in 4 Solomon Islands.
		f	6 56 ...	...	...	...				IS	31 04	...	...	...
Nov. 22	E	e	12 3 10	...	...	...	Tremors.			L	51 42	...	...	...
		f	30 ...	...	...	...				Mn	59 35	20	142	...	
Nov. 23	E	e	9 12 31	...	...	...	Tremors.			F	11 18 ...	...	...	...
		f	10 10 ...	...	...	...		Dec. 17	E	IP	19 26 12	...	...	5,300	
Nov. 25	E	IP	10 6 58	...	...	2,045				IPR ₂	28 44	...	...	...	Epc : East of For- mosa.
		PR ₁	7 15	...	...	...				IS	33 14	...	...	...
		IS	10 27	...	...	...				ISR ₁	35 35	...	...	...
		SR ₁	11 10	...	...	...				ISR ₂	37 13	...	...	...
		L	11 55	...	...	...				IL	39 41	...	...	...
		Mn	18 15	13	60	...				Mn	44 00	22	12	...	
		F	13 1 ...	...	...	...				F	21 09 ...	...	...	...
Nov. 30	E	e	3 39 40	...	...	...	Feeble shock.	Dec. 18	E	e	7 17 00	...	...	...	Feeble.
		f	4 36 ...	...	...	...				f	8 7 ...	...	...	...
Nov. 30	E	e	4 51 38	...	...	...	Feeble shock.	Dec. 18	E	e	17 5 45	...	...	...	Tremors.
		f	5 56 ...	...	...	...				f	43 ...	...	...	...
Dec. 1	E	e	23 48 05	...	...	...	Tremors.	Dec. 19	E	e	21 38 00	...	...	...	Tremors.
		f	43 ...	...	...	...				f	21 48 ...	...	...	...
Dec. 2	E	...	...	...	...	...	Tremors. Lines overlapping.	Dec. 19	E	e	23 19 15	...	...	...	Feeble shock.
Dec. 5	E	e	18 7 24	...	...	...	Tremors.			f	36 ...	...	...	...
		f	38 ...	...	...	...		Dec. 20	E	e	18 49 38	...	...	...	Feeble shock.
Dec. 5	E	e	18 43 38	...	...	...	Feeble shock.			f	20 22 ...	...	...	...
		f	19 15 ...	...	...	...		Dec. 22	E	e	20 34 23	...	...	...	Do.
Dec. 8	E	e	17 31 08	...	...	...	Feeble shock.			f	21 9 ...	...	...	...
			18 08 ...	...	...	...		Dec. 24	E	e	12 44 14	...	...	...	Tremors.
Dec. 14	E	IP	1 49 47	...	...	8,230	Lines overlapping.			f	13 27 ...	...	...	...
		IPR ₁	52 21	...	...	...		Dec. 24	E	e	13 48 33	...	...	...	Feeble shock.
		IS	50 24	...	...	...				f	14 37 ...	...	...	...
		eSR ₂	4 9	...	...	...		Dec. 28	E	IP	2 40 35	...	...	2,600	Great. Epc. North Sumatra.
		eL	8 3	...	...	...				iS	44 49	...	...	...
		Mn	12 44	24	6	...				L	47 02	...	...	...
		F	3 14 ...	...	...	...				Mn	48 43	22	1,438	...	
Dec. 14	EP	eP ?	22 24 52	...	...	18,200	Epc : 14° N, 94° W, (U. S. C. G. S.).			F	6 51 ...	...	...	...
		IP ¹	20 10	...	...	...		Dec. 28	E	IP	17 27 09	...	...	2,800	
		ScPc PcS	37 13	...	...	...				IS	31 23	...	...	...
		PScPcS	41 6	...	...	...				L	33 31	...	...	...
		PPS	43 59	...	...	...				Mn	35 30	18	3	...	
		SR ₁	50 27	...	...	...				F	18 21 ...	...	...	...
		ISR ₂	56 28	...	...	...		Dec. 28	E	e	18 56 47	...	...	...	Tremors.
		iL	23 22 00	...	...	...				f	19 21 ...	...	...	...
		Mn	34 45	22	34	...						...	...	...
		F	40 ...	...	...	...						...	...	...

TABLE D₄—concl'd.

Date.	Compt.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
Dec. 29	E	e	3 41 11	...	...	...	Feeble shock.	Dec. 30	E	eP	4 15 57	...	...	2,600	
		f	4 38					iS	20 11
Dec. 29	E	iP	23 46 86	...	...	6,635				L	22 20	...	...	...
		iPR ₁	49 07	...	...	...				Mn	24 25	18	4	...	
		iPR ₂	50 15	...	...	...				F	5 11 ...	...	...	...
		iS	54 53	...	...	...						
		iPS	55 24	...	...	...						
		L	0 6 07	...	...	...		Dec. 31	E	e	1 35 27	...	...	...	Feeble shock.
		F	1 24 ...	...	...	...				f	2 27 ...	...	...	...

T. ROYDS,
Director, Kodaikanal Observatory.

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

TABLE D₅.

Station	Date.	Time (G.M.T.) of earthquake.	Duration.	Intensity (Rossi-Forel scale).	Number of shocks.	Remarks.	Station.	Date.	Time (G.M.T.) of earthquake.	Duration.	Intensity (Rossi-Forel scale).	Number of shocks.	Remarks.
	1935.	H. M.	Sec.					1935.	H. M.	Sec.			
Salona	Jan. 3	13 09	5 to 7	4	1		Srinagar	Apr. 3	11 16	About 3	8	2	
Dhubri	" 7	02 50	4	5	1		Muzaffarabad	" 3	11 15	2	4	1	
Drosh	" 9	04 20	4	6	1		Drosh	" 5	18 50	30	5	2	
Angul	" 21	15 30	About 3	5	1		Srinagar	" 5	19 04	About 1	7	1	
Dhubri	" 22	23 42	5	7	2		Salona	" 10	18 36	" 10	4	1	
Shillong	" 22	23 40	40	5	2		Drosh	" 17	17 30	35	4	2	
Gauhati	" 22	23 50	About 40	6	2		Akyab	" 18	16 00	3	6	3	
Do.	" 31	12 11	" 15	4	1		Naya Dumka	" 23	16 50	2	3	1	
Salona	" 31	12 00	" 25-30	5	2	With small vibrations.	Dhubri	" 23	16 41	64	7	3	Continuous.
Cherrapunji	" 31	12 03	2	3	1		Faridpur	" 23	16 37	3	5	3	
Sialkot	Feb. 2	23 35	2	6	1		Cherrapunji	" 23	16 45	30	3	1	
Do.	" 3	02 30	10-15	6	3		Shillong	" 23	16 47	120	7	2	
Lahore	" 3	02 15	3	5	1		Gauhati	" 23	16 50	About 70	6	3	
Dera Ismail Khan	" 3	02 00	2 each	6	2		Chittagong	" 23	16 50	" 5	4	2	
Cherat	" 3	02 22	2	6	2		Salona	" 23	16 48	" 45	5	...	Fairly severe shaking for about 10 secs.
Peshawar	" 3	02 10	100	7	2		Mymensingh	" 23	17 10	2	7	2	
Drosh	" 3	02 09	39	6	2		Sibsagar	" 23	16 49	About 40	5	2	
Srinagar	" 3	02 12	About 4	6	2		Do.	" 25	03 33	" 5	4	1	
Dras	" 3	02 15	15	6	2		Drosh	May 12	05 45	25	3	...	No prominent shock.
Sonamarg	" 3	02 15	15	6	2		Yatung (Tibet)	" 13	21 13	About 4	6	1	Followed by tremors.
Rawalpindi	" 18	23 52	About 7-10	6	1		Kabul	" 19	02 54	5	5	2	
Cawnpore	Mar. 5	22 15	3	5	1		Dhubri	" 26	16 53	4	7	1	
Roorkee	" 5	22 20	60	6	1		Dera Ismail Khan	" 30	21 27	2	5	2	
Muktesar	" 5	22 26	About 60	6	1		Multan	" 30	21 30	20-25	5	1	
Gauhati	" 13	03 17	12	6	1		Drosh	June 2	04 20	3	5	...	
Muktesar	" 15	10 39	About 4	5	1		Srinagar	" 2	04 30	About 3		2	
Salona	" 20	23 50	" 3	3	...	Only small vibrations.	Do.	" 23	05 02	" 2	6	1	
Naya Dumka	" 20	23 50	" 20	3	...	Unusual sound like motor car was heard.	Gulmarg	" 23	04 57	2	7	1	
Shillong	" 21	00 00	40	6	3		Drosh	" 25	23 50	20	6	...	
Rangpur (Bengal)	" 21	00 28	70	4	...		Peshawar	" 25	23 55	30	7	2	
Gauhati	" 21	00 15	About 15	5	1	Jerking continued till about 50 secs.	Do.	" 26	19 00	5	4	1	
Khulna	" 21	00 05	3 or 4	3	3	Separate shocks, middle shock was strongest.	Srinagar	" 26	00 05	About 2	5	2	
Dhubri	" 21	00 02	30	7	3		Do.	July 5	18 00	" 3	6	2	
Cherrapunji	" 21	00 03	10	3	1		Cooch Behar	" 12	15 36	" 10	6	1	
Faridpur	" 21	00 08	5	6	3		Dhubri	" 12	16 01	28	7	2	
Berhampore (Bengal)	" 21	00 05	13	5	1		Drosh	" 13	19 30	15	5	...	
Mymensing	" 21	00 05	2	7	2		Jaipur	" 16	21 59	2	5	1	
Rawalpindi	" 23	11 16	30	4	2		Salona	" 18	02 26	About 10	5	1	
Dhubri	" 30	17 38	18	7	2		Kapadvanj (Dist. Kaira)	" 20	07 48	1	3	2	
Do.	" 31	17 43	10	7	2		Yatung (Tibet)	" 20	20 27	About 3	4	...	Several tremors.
Peshawar	Apr. 3	11 15	10	6	1		Bhuj	" 22	21 18	4	...	...
Kabul	" 3	10 06	10	5	1		Salona	" 27	06 40	" 7-8	5	1	
Drosh	" 3	11 10	45	6	...	Many shocks; two very heavy.	Srinagar	" 28	05 28	" 3	6	2	
							Drosh	" 28	05 25	" 40	5	1	
							Gulmarg	" 28	05	10	8	3	
							Srinagar	" 29	23 7	About 2	5	1	
							New Delhi	Aug. 22	00 57	2	7	2	
							Dhubri	Sept. 5	12 36	8	7	2	
							Cooch Behar	" 5	12 37	About 40	6	2	
							Drosh	" 7	08 30	3	5	..	

TABLE D₅—concl'd.

Station.	Date.	Time (G.M.T.) of earthquake.	Duration.	Intensity (Rossi-Forel scale).	Number of shocks.	Remarks.	Station.	Date.	Time (G.M.T.) of earthquake.	Duration.	Intensity (Rossi-Forel scale).	Number of shocks.	Remarks.
	1935.	H. M.	Sec.					1935.	H. M.	Sec.			
Peshawar	Oct. 11	04 25	5	5	1		Salona	Nov. 28	19 47	4-5	5	1	
Kabul	" 11	03 40	2	5	2		Dhubri	" 30	16 19	9	7	2	
Drosh	" 11	04 15	30	5	1		"	" 30	16 32	8	7	2	
Bushire	" 15	17 10	about 30	...	1		Gauhati	" 30	16 33	10	6	1	
Gauhati	" 19	20 25	" 15	6	1		"	" 30	16 40	55	6	2	
Salona	" 19	20 25	" 30	5	...	Severe vibration 3 or 4 being in the nature of shocks.	Shillong	" 30	16 55	30	6	2	
							Dhubri	Dec. 3	03 32	8	7	2	
Shillong	" 19	20 25	30	6	1		Drosh	" 15	21 40	10	5	1	
Salona	" 20	04 38	2-3	4	...	Few severe vibration.	"	" 17	21 40	5	3	1	
Drosh	" 20	19 00	40	5	1		"	" 19	22 25	2	5	1	
Bushire	" 24	12 30 16 00	...	...	...		Kabul	" 19	22 25	2	5	1	
Drosh	" 24	14 30	5	5	1		Drosh	" 19	23 00	7	3	1	
Bushire	" 26	12 30 18 30	...	...	...		Srinagar	" 23	14 44	3	6	1	
"	" 27	04 00 08 00 11 45	...	...	...		" . . . . .	" 24	16 43	2	8	1	
Salona	Nov. 18	05 23	3-4	4	...	Only vibrations.	Shillong	" 26	00 22	5	5	1	
Hazaribagh	" 25	23 30	4	3	1		Drosh	" 28	20 00	10	5	1	
							"	" 29	21 00	5	3	1	
							"	" 30	16 35	5	5	1	

J. M. SIL,
Meteorologist, Meteorological Office, Poona.

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