

No. 65

1955

Geodætisk Institut

Proviantsgården, Copenhagen, Denmark

Bulletin

of the seismological station

KØBENHAVN

$\varphi = 55^{\circ}41'N$. $\lambda = 12^{\circ}26'E$. $h = 13$ m.

Lithologic foundation: chalk

No. 65. Jan.—Dec. 1955.

Instruments:

Galitzin-Wilip seismographs.

Constants:

Component	l	A_1	T_1	μ^2	T	k
	cm	cm	sec		sec	
<i>N</i>	12.5	100	12.64	0.0	12.5	103
<i>E</i>	12.5	100	12.69	0.0	12.3	103
<i>Z</i>	14.5	100	11.56	0.0	9.0	81

Wiechert 1000 kg. horizontal seismograph.

Wiechert 1300 kg. vertical seismograph.

Constants:

Component	T	ν	q	V
	sec		mm	
<i>N</i>	7.7	3.6	0.3	211
<i>E</i>	8.0	3.8	0.3	215
<i>Z</i>	5.2	4.1	0.2	165

Milne-Shaw seismograph, *E* component, with the approximate constants $T = 12^s$, $\nu = 20$, $V = 300$.

Benioff vertical seismograph, $T_1 = 1/4^s$, $T = 1^s$. $V_{\max} = \text{abt. } 30\,000$.

Phases are denoted by the symbols used in the International Seismological Summary.

i and *e* refer to the Galitzin-instruments, *i* and *e* to the Benioff-instrument.

The signs + or - after the time of a *P* phase mean that the initial motion is upwards or downwards respectively.

In *P* ($\pm a$, $\pm b$, $\pm c$) *a*, *b* and *c* are trace amplitudes in mm. of first swing on NS, EW and vertical component records respectively; + means that ground motion is directed to N, E or up, - that it is S, W or down. When a second set of amplitudes is given, it is those of the second swing. An *x* replaces a small amplitude that cannot be measured accurately.

* affixed to time of phase indicates that the beginning is in a time-mark.

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
			m s	m s	m s	m s	h m	°	
1	1955 Jan. 3	1		e 14 28			17		Central Greece.
2	3	19			14.3		.5		Peru.
3	5	1	e e 10 20		e e 11 06	14 46	62		17 ^m 41 ^s . 18 ^m 36 ^s . 25 ^m 26 ^s . 27 ^m 33 ^s . 28 ^m 31 ^s . SS 35 ^m 13 ^s . SSS 41 ^m .2. New Zealand.
4	5	15	e 39 17				66		Kamchatka.
5	5	18	e e 08 03		10 39	11 36	51		13 ^m 46 ^s . 22 ^m 46 ^s . New Hebrides.
6	6	0	e e 01 33		04 11	i 05 11	47		08 ^m 04 ^s . 08 ^m 56 ^s . 14 ^m 24 ^s . 14 ^m 46 ^s . SS 22 ^m 3. Repetition.
7	6	2			44 36	45 43	1.5		Repetition.
8	7	10			e 01 10	i 08 30	.5		Indian Ocean.
9	8	7			55 26	58.4			No Gal.Z record. L in the paper shift.
10	8	9	e 12 51						Santa Cruz. In previous L-waves. Japan.
11	11	14					31		
12	13	2	i e 15 08+	i 24 27	i 15 13	i 25 13	.6	72	SS 28 ^m .9. Aleutian Islands. Repetition.
13	13	2	i 47 10						
14	18	17					56		
15	20	4					.6		
16	21	14	i 29 59+						Aleutian Islands.
17	25	14	e 55.7				64		P possibly earlier.
18	27	16	e 27 34						Japan.
19	28	7	i 47 08						Off south coast of Crete.
20	28	17	i 11 51	i 19 24	23.3	25.2	29	54	Tibet.
21	29	17	i e 14 49+				45		Kamchatka.
22	31	5	i 16 01-		i 16 03+				Brazil.
23	31	16	i 13 38+	e 23 13	e 16 28	23 40	38	74	eScS 23 ^m 58 ^s . Kurile Islands.
24	Febr. 1	19	i 27 43		i 27 48	e 30 45	55		Japan.
25	2	7	e 42 05		e 42 19	e 42 22			Depth abt. 100 km. Tonga Islands.
26	4	5					55		
27	4	7	e 34 36		i 45 12	e 45 52	61		SS 50 ^m 49. Mascarenes Islands.
28	5	9	i 28 40-						Kurile Islands.
29	5	20	e e 53 24	e 63 02	i 54 33-	e 63 33	77	75	71 ^m .5. Kurile Islands.
30	6	0	e e 59 59	e 63 34			64.7	20	Jan Mayen.
31	6	2	i i 32 16	e 35 54	i 32 19	i 32 25	37.3	20	»
32	7	10	i 42 17						
33	9	10					14.8		
34	9	10	e 44 42						Tibet.
35	9	11					04.2		
36	10	0					42		
37	11	4	e 50 20		i 50 36				Kermadec Islands region.
38	13	17	i e 27 24						Depth abt. 200 km. Kamchatka.
39	13	19	e 57 26						
40	13	20	e 02 59						Tonga Islands region.

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP		S				
			m s	m s	m s	m s	h m	°	
41	1955 Febr. 14	17	e 07.1		11.3	13.1	43		SKS 17 ^m 51 ^s . SS 26 ^m .1. Molucca Passage.
42	15	6			e 43 09	e 44 11	1.5		56 ^m .3. 61 ^m .3. Perhaps two shocks. New Hebrides.
43	15	19					49		
44	17	19	i 34 57						±3 ^s , due to abnormal rate of clock. Sicily.
45	18	22	e i 57 00	i 63 47	67.0		71.5	47	Destructive. Pakistan.
46	21	18	i 55 10-						Kurile Islands.
47	21	19					56.3		
48	21	23					29.6		
49	22	9					53.5		
50	22	17	e 29 00		e 29 46		33.5		Western Greece.
51	23	5	i 16 19+						Depth abt. 250 km. Tonga Islands.
52	23	8	i 55 00-						Depth abt. 600 km. Fiji Islands region.
53	23	11			e 18 51	i 18 53			
54	23	11	e 59 28						Depth abt. 600 km. Fiji Islands region.
55	23	18			e 56 02	58.0	79		SS 63 ^m .5. Indian Ocean.
56	23	20	e 13 56				45		Japan.
57	24	9	i 26 40-						Kurile Islands.
58	24	12	e 27 05						»
59	26	0	i 44 15-						Sumatra.
60	27	21	i 03 13		i 03 20	06 49	55		PPP 10 ^m 34 ^s . SS 26 ^m .4. SSS 31 ^m .7. Kermadec Islands region.
61	28	0	e 36 41						Repetition.
62	28	20	e 54 46						Indian Ocean.
	March								
63	1	0	e 38 03						North Atlantic Ocean.
64	1	1	i 58 58+						Off coast of Brazil.
65	1	4	i i 52 44+	60 32	60 47	64 25	70.8	56	No Gal. H records. Yukon, Canada.
66	1	5	i 06 15+						
67	1	14	e 12 10						Yukon.
68	1	14	i 54 12				1.6		Japan.
69	3	20	e 51 28		e 51 44		56.3		Jan Mayen.
70	4	2	e 23 15*						Kermadec Islands.
71	5	10	i 30 58-						Hindu Kush.
72	6	11			20.8	26.3	42		Philippine Islands.
73	6	13	e 46 44	i 57 56	i 57 20	59 00	78	93	60 ^m 30 ^s . SS 64 ^m .4. Philippine Islands.
74	6	21	i 03 19		e 03 51				Tajik, S.S.R.
75	9	0					09		
76	9	2	e 39.5		43.1	49 27	69		SS 56 ^m .1. Tristan da Cunha region.
77	9	10					.0		
78	10	21			33 37	39 28	1.3		SS 52 ^m .2. Samoa Islands.
79	11	3	i 48 51+						
80	11	21	e 54 47				85		Kamchatka.
81	12	13	i 44 30+						Santa Cruz Islands.
82	12	16	e 50 45				1.1		India-Pakistan border.

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			P or PKP	S					
			m s	m s	m s	m s	h m	°	
83	1955 March	17	e 05 57						
84	13	13	i 23 22-	i 32 30	e 24 01	i 24 12	.8		Southern Iran. 26 ^m 54 ^s . i 33 ^m 42 ^s . Depth abt. 100 km.
85	14	21					00		[Aleutian Islands.
86	16	0	i i 17 41+	i 26 35	i 18 36	22 13	37	67	P (+4.1, -1.2, +5.0) per. 6 sec. [Kamchatka.
87	18	6					57.5		
88	18	5					40		
89	21	13					38		
90	21	2					46.1		
91	22	6	e 24 59				51		Burma.
92	22	14	i i 18 14	29 05	i i 18 21	i 21 56	49	88	24 ^m 06. iSKS 28 ^m 49 ^s . SS 35 ^m .5. Indian [Ocean.
93	23	18					40		
94	27	14					45		
95	27	14	i i 48 49	i 57 01	i 57 07	61 03	70	60	SSS 63 ^m .5. Eastern Tibet. North Atlantic Ocean.
96	28	1		i 09 42			12.5		
97	28	9					23		
98	28	14	e e 50 13	e 53 47			55.2	20	Ionian Sea.
99	31	18	e e 30 38	e 42 09	e i 30 43	34 28		97	SKS 41 ^m 13 ^s . SKKS 41 ^m 23 ^s . i 41 ^m 30 ^s . ScS 41 ^m 45 ^s . PS 43 ^m 18 ^s . SS 49 ^m 13 ^s . [Destructive. Philippine Islands.
100	31	21					44.5		
101	April	18	i 45 49-	e 49 29			51	20	Iceland.
102	4	11	e e 23 47	i 34 00	34 16		51	81	Formosa.
103	4	19	e e 36 41		i 47 13	48 33	1.1		Nicaragua.
104	5	14					45		
105	5	15	e 22 04	i 32 37	e 32 21	37.5	45	85	Gulf of California.
106	6	13			i 14 16	19.8			SSS 23 ^m .2. Mascarenes Islands region.
107	6	20			e e 07 38	17 08	.9		Indian Ocean.
108	6	20	e 27 18						
109	7	23					36		
110	10	18					26		
111	13	20	i i 50 18-	i 53 59			57.5	21	Strong microseisms. Destructive. Greece.
112	14	1	e e 39 47	i 48 32	i 39 54	i 48 41	1.0	62	ScS 49 ^m 49 ^s . Strong microseisms.
113	15	3	e e 48 56	e 55 20	i i 48 58-	i 49 18	61	43	Destructive. Sikang province, China. 50 ^m 47 ^s . iS 55 ^m 25 ^s . Kirghiz province, U.S.S.R.
114	15	4	i i 21 29						Repetition.
115	17	18	i i 46 33	i 55 37	59.3	60.5	68.6	69	Kamchatka.
116	18	9					31		
117	18	19	i 23 49-						Possibly local.
118	18	19					38		
119	19	13					07		
120	19	16	i i 51 29	i 54 58			57.3	19	Destructive. Greece.
121	19	20	e 38 56		43 18	46.4	1.2		SKS 49 ^m 15 ^s . SKKS 50 ^m 38 ^s . iPS [53 ^m 10 ^s . Central Chile.
122	20	3					05		
123	20	6					36		
124	21	7	e e 22 32	i 25 59			27.8	19	Destructive. Greece.
125	22	2					08		

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			P or PKP		S				
			m s	m s	m s	m s	h m	°	
126	1955 April 22	10					11		Kurile Islands.
127	22	16	i 38 32-						
128	23	3					16		
129	23	5					01		
130	23	16	e 50 54		60 42				
131	23	18	e i 48 02+		51 27		87		Easter Island region. Sinkiang province. China. Kurile Islands. San Salvador. Sinkiang province, China. Aleutian Islands. Nicaragua. » Japan. 17 ^m 25 ^s . Japan. Repetition. Deep? Rumania. Japan. Assam. Japan. North Atlantic Ocean. Kermadec Islands. Algeria. Ecuador. Virgin Islands. 25 ^m 50 ^s . 29 ^m 04 ^s . iSS 31 ^m 40 ^s . No Gal. Z record. Depth abt. 500 km. Bonin Islands region. iSS 53 ^m 12 ^s . Depth abt. 200 km. Hindu Kush. SS 16 ^m 49 ^s . Nicobar Islands.
132	24	13	e i 07 36-	i 14 10	09 17	09 28	22	45	
133	24	13	i 13 33-						
134	26	3	i 16 13+						
135	27	22	i 50 27+		i 52 18		66.3		
136	28	19	e i 16 33+	e 25 53	16 47	26 48	38	72	
137	30	1	e 45 02				1.2		
138	30	1	e 56 33						
139	30	14	e 16 59				46		
140	May 1	10	i i 07 08+	i 16 52	07 18	10 04	32	76	
141	1	14	e e 10 34+	e 20 20	13 27		38	76	
142	1	21	i 25 56+						
143	3	17	e 19 24	e 29 10	30.8	31.1	47	76	
144	4	0	e 27 37				53		
145	6	0	i 16 23-				44		
146	6	11		i 53 25			58		
147	7	1	i 53 38						
148	8	21	e 43 44	e 47 34			49.6	21	
149	11	11			i 27 40	28 02	48		
150	11	16					32		
151	13	3		49.8			63		
152	13	20					05		
153	14	6	i 16 03		17 53	i 18 02	49		
154	14	13	i 43 26	i 49 40	45 40	i 46 20	58		
155	17	15	e e 02 00	i 12 00	i i 02 08	i 12 55	28	79	
156	18	6					10		
157	18	8					08		
158	21	4					14		
159	22	5					02.3		
160	23	17					21		
161	23	18			e 32 27		44		
162	25	3					53		
163	25	12	31.4	e 35 49			39		
164	25	18	i e 32 24	e 41 51			59	73	
165	26	16			e 44 18	45 56	1.4		
166	26	21					53		
167	28	6			e 39 01	i 45 10	66		
									Guatemala. North Atlantic Ocean. Kurile Islands. Solomon Islands. i 46 ^m 02 ^s . i 46 ^m 40 ^s . Depth abt. 200 km. Argentine.

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP		S				
			m s	m s	m s	m s	h m	°	
168	1955 May 29	4					57		
169	29	11					43		
170	29	13		i 51 33	i 52 27	55 40	64		No Gal. Z record. Kodiak Island.
171	29	15			e 52 23	e 58 49	1.4		eSKKS 59 ^m 25 ^s . SS 67 ^m .1. No Gal. Z record. Java.
172	29	21		e 23 19			.6		No Gal. Z record. Kodiak Island.
173	30	10					27		
174	30	12	i i 43 41+		i e 45 45	i 45 53			iPP 47 ^m 24 ^s . 47 ^m 54 ^s . e 51 ^m 04 ^s . iSKS 53 ^m 19 ^s . iSP 54 ^m 55 ^s . iSS 59 ^m 52 ^s . sSS 63 ^m 25 ^s . i 65 ^m 01 ^s . i 66 ^m 39 ^s . Depth abt. 600 km. Volcano Islands.
175	30	23			e 46 10	e 53 40	1.3		ePS 55 ^m 31 ^s . SS 61.6. New Guinea.
176	31	9	i e 50 31-		51 18	73 13			Kermadec Islands.
177	31	14	i 55 36	i 64 57	69 33		79	72	Japan.
178	31	18	e 10 53		14 43	22 35	.7		Galapagos Islands.
179	June 1	16					08		
180	1	17					01		
181	2	0	i i 30 28+	i 39 52	i 40 50	44 45	54	72	Aleutian Islands. PPP to no 181?
182	2	0	i 34 24+						Aleutian Islands.
183	2	0	i 46 00+						»
184	2	2	i e 13 42+	e 23 09			40	73	Turkey.
185	2	23	e e 38 44	e 42 31	i e 38 55		44.3	21	S _g 43 ^m 29 ^s . Off Norway.
186	3	11	i e 41 27		i 41 42	i e 43 13		7 1/2	Seismic?
187	3	14	i 09 24-						
188	4	17	i e 03 06+	e 12 47	i 03 20	05 55	28	75	PPP 07 ^m 41 ^s . PS 13 ^m 13 ^s . Japan.
189	4	17	i e 34 16		e e 34 29				Repetition.
190	5	2	i i 04 47	i 14 14			29	73	Aleutian Islands.
191	5	6	i i 23 32	i 33 38	33 52		50	80	Formosa.
192	5	15	e i 00 57	i 04 46	05 18		06.7	21	Orléansville, Algeria.
193	5	16					06		
194	7	0	e 59 52	e 68 47			83	67	Sikang province, China.
195	7	16					07		
196	9	1					21		
197	11	22			e 42 30	e 43 19			e 43 ^m 51 ^s . e 45 ^m 24 ^s . Depth abt. 600 km. Argentina.
198	12	20	i 42 08	i 51 25			65	71	Kurile Islands.
199	13	20					07		
200	13	22					39		
201	14	6			35 28	35 40	53		Strong motion, but very indefinite. Mexico.
202	14	17	e e 34 00	43.9	37.1		61		Japan.
203	15	1					27		
204	17	8					46		
205	18	16					49		

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			P or PKP	S					
			m s	m s	m s	m s	h m	°	
206	1955 June 18	20					42		
207	19	1					00		
208	19	21	e 36 42*				68		Aleutian Islands.
209	20	12	e i 18 57	i 28 20	i 19 00—	19 07	41.5		PP 21 ^m 50 ^s . PPP 23 ^m 37 ^s . sS 28 ^m 46 ^s . iSKS 29 ^m 04 ^s . Depth abt. 100 km.
210	21	11	e 02 14	e 11 25	e 04 47		26	70	Aleutian Islands. Kamchatka.
211	21	12	i 52 27		62 20		47.4		Bonin Islands region.
212	22	12					17.3		
213	22	16					40.2		Kirghiz, U.S.S.R.
214	23	11	e 26 54		e 27 01				Kurile Islands.
215	23	22	i 25 01—				52.6		»
216	23	22	i 28 41—						Turkey.
217	26	21	e 17.2		e 20 53		39	51	i 34 ^m 29 ^s . India-Tibet border.
218	27	10	i e 23 13	i 30 29	25 12	34 04	.0		
219	27	17					40		
220	27	22							
221	28	4	e e 34 41	e 39 54	e 35 43		44	32	Arctic Ocean.
222	28	7					21		
223	29	4					.2		
224	29	5		e 17 16	17 36		36		Riukiu Islands.
225	29	16					32		
226	30	18	e e 47.8				50		Tonga Islands region.
227	30	22							
228	July 3	14	e e 37 58	i 47 23	e e 38 09	42 28	61.8	72	iPS 47 ^m 45 ^s . Aleutian Islands.
229	4	14	e e 31 14	e 40 39	i 31 24*	e 40 56	55	72	eScS 41 ^m 15 ^s . »
230	4	23					44		
231	6	2	i 05 28—	i 14 38	i 15 09	i 15 27	26	70	Kamchatka.
232	6	10					14		
233	6	15	i 19 02—						Depth abt. 100 km. Tonga Islands.
234	7	9	i e 13 58—						Indian Ocean.
235	8	18	i i 38 45—						Depth abt. 600 km. Fiji Islands.
236	8	18	i e 57 45—		60 15	i 86 26			» »
237	9	17					02		
238	9	23	e e 57 35	i 60 52			62.4	18	Greece.
239	10	4					27		
240	10	14	i i 40 27		i e 40 52		1.5		Tonga Islands.
241	11	20	e e 31 36	e 39 52			50	61	Mid Atlantic Ocean.
242	12	15					12		
243	13	10	i 14 34+		i 14 37				Depth abt. 300 km. Fiji Islands.
244	13	19					40		
245	13	20			e 36 12	41.6	72		45 ^m 54 ^s . SS 52.1. Sandwich Islands region.
246	14	10	e e 03 41	e 13 34	e 03 49	22.1	29.5	77	Nicobar Islands.
247	16	7	i i 11 53+	i 15 41			18	21	P (+20, -17, +11; -36, +23, -22) per. 6 ^s . Greece.

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			P or PKP	S					
			m s	m s	m s	m s	h m	°	
248	1955 July 17	8	i 05 36				32		Kurile Islands.
249	17	22					34		
250	18	10	i 38 01-						Kurile Islands.
251	18	10	i 47 59-						»
252	18	10	i 52 32-		e 52 39				»
253	18	11	e e 49 02		i 52 16+				Depth abt. 150 km. New Hebrides.
254	19	8	i 55 10+	e 61 07	e 55 16		66.9	39	Uzbekistan, U.S.S.R.
255	19	20	i 03 40+						Aleutian Islands.
256	20	0	e 03 25	e 12 29	12 47		29	69	Kodiak Island.
257	20	21			i 24 45				Ecuador.
258	21	11	e e 59 20	i 70 42	e e 59 49	e 69 52			i 70 ^m 52 ^s . PPS 73 ^m .6. iSS 77 ^m 50 ^s . SSS 82 ^m .3. Depth abt. 100 km.
259	23	13	e 07.7		e 10.1	i 16 47			Southern Peru.
260	23	14			e 14 14	20 36	44		Banda Sea. PS 22 ^m 45 ^s . Philippine Islands.
261	24	11	i 14 11-	e 24 04	24 29	29.2	41	77	Japan.
262	24	16	(i) 32 21*	e 42 29	43 41		59	80	Formosa.
263	26	4	e e 15 18	e 24 21	28 38		37	69	Kodiak Island.
264	26	22					33		
265	27	2					00		
266	27	18	i i 30 10+	i 39 13			51	69	Kodiak Island.
267	28	2					57		
268	29	22	i 04 24				.6		Kamchatka.
269	Aug. 1	4					17		
270	3	17					39		
271	3	23					16		Tibet.
272	4	6		e 58 19			69		
273	4	15					57		
274	5	10	e e 26 22				34.8		Daghestan, U.S.S.R.
275	5	17					11		
276	6	3					15		
277	6	8	i i 50 25+		50 31	51 52			ipP' 51 ^m 58 ^s . iSKP 53 ^m 32 ^s . iPP 53 ^m 50 ^s . i60 ^m 02 ^s . SS 72 ^m .0. Depth abt. 300 km. Tonga Islands region.
278	10	15			34 37	42 17	62		SS 48 ^m 20 ^s . West of Tristan da Cunha.
279	13	18					02		
280	14	17	e 03 15		e 03 45	07 20	.9		10 ^m 02 ^s . SS 28 ^m .1. Kermadec Islands.
281	15	17					18		
282	16	5					03		
283	16	12	e e 05 37		e 07 18	i 07 22	43		iSKS 12 ^m 25 ^s . 13 ^m 58 ^s . SP 16 ^m 37 ^s . 17 ^m .8. iSS 23 ^m 42 ^s . Depth abt. 200 km. Solomon Islands.
284	21	16					41		
285	21	17			i 53 19-	i 53 46	1.6		PPP 55 ^m 36 ^s . iSKS 59 ^m 20 ^s . 60 ^m 54 ^s . iPS 62 ^m 44 ^s . SS 68 ^m 46 ^s . New Guinea.

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP		S				
			m s	m s	m s	m s	h m	°	
286	1955 Aug. 23	14					33		
287	23	15	e 44 28	i 54 12			73	76	Off Oregon.
288	23	21					09.4		
289	25	22					56		
290	26	10					34		
291	27	10	i 15 05+	i 15 17			i 15 ^m 33 ^s	58 km	Explosion 56°10' N, 12° 07' E.
292	28	13	e e 44 05	e 47 57			51.6	22	Turkey.
293	28	20	e e 26 11		29 32	31.0			eSKS 36 ^m 38 ^s . 37 ^m 17 ^s . SS 42 ^m 18 ^s . Guatemala.
294	29	15			55 50	60.2	71		Aleutian Islands.
295	Sept. 1	18					.2		
296	3	8					01.6		
297	3	12	i 48 55	e 59 37	52 18	54 12	1.3	86	eSKS 59 ^m 20 ^s . 62 ^m 24 ^s . SSS 68 ^m .8. Guatemala.
298	3	16	e e 36 43		i 46 53	47 33	74		49 ^m 11 ^s . Celebes.
299	4	11					53		
300	4	19	i 21 09	e 30 38	i 21 22		44	73	Japan.
301	5	2					41		
302	7	3	e 30 54	e 40 25			59	74	Indian Ocean.
303	8	2			e 23 20	e 29 08	59		eSKKS 30 ^m 32 ^s . ePS 33 ^m 17 ^s . eSS 39 ^m 42 ^s . SSS 43 ^m .5. Sandwich Islands.
304	8	3	e 46 17		e 48 03		85		Partly masked by previous quake. Solomon Islands.
305	9	4	e 55 02	e 66 22	e 55 16	i 65 53	89	95	SKKS 66 ^m 14 ^s . Sumatra.
306	10	6					30		
307	10	21					53		
308	11	18			e 15 07	25 06	51		Solomon Islands.
309	12	6	i i 15 00	i 19 25	i 15 19		23.0	26	Destructive. Egypt.
310	13	2					36		
311	15	12			49 51	58.7	88		New Guinea.
312	19	4					58		
313	20	13	e 40 42		60.6	69.6	1.7		Kermadec Islands.
314	21	7			e 37 38		48		
315	22	3	e e 37 22	i 47 31	47 44		63	80	Formosa.
316	23	15	i i 17 21	i 26 24	i 19 52	i 27 10	42	69	Yunnan province, China.
317	24	3					33		
318	24	10	e e 33 51	i 44 04			63.8	81	Formosa.
319	25	19	e 13 17		17 05	e 24 09	47		24 ^m .3. iSP 25 ^m 39 ^s . Depth abt. 100 km. Philippine Islands.
320	26	8	e e 40 43	i 50 59	i i 40 45	i i 41 38	67		sP 41 ^m 59 ^s *. eiPP 44 ^m 05 ^s . ipPP 44 ^m 49 ^s . isPP 45 ^m 10 ^s . ipS 52 ^m 05 ^s . isS 52 ^m 24 ^s . iSS 57 ^m 39 ^s . Depth abt. 200 km. Mexico.
321	28	1	i 57 39+				82		Yunnan province, China.
322	28	5					08		
323	28	18					56		

København

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
	1955		<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>h m</i>	°	
324	Sept. 29	13					33		Depth abt. 150 km. Japan.
325	29	20	<i>i 09 58—</i>	<i>i 19 28</i>	<i>20 10</i>		56		
326	30	3					50		
327	30	7							
328	Oct. 1	7					06		Kamchatka.
329	5	3					07.1		
330	5	9	<i>i i 08 55</i>	<i>e 17 48</i>	<i>i 17 54</i>		32	67	
331	6	11			<i>e 22 48</i>	<i>23 30</i>	56		<i>iSKS 28^m21^s. 29^m39^s. PS 32^m.4. eSS 38^m38^s. Depth abt. 150 km. Argentine.</i>
332	9	18				10.4	41		New Britain.
333	9	23	<i>ee 25 11</i>	<i>i 34 35</i>	<i>e 25 23</i>	<i>35 07</i>	50	72	Aleutian Islands.
334	10	9	<i>ee 16 41</i>		<i>e 18 05</i>	<i>i 23 45</i>	56		<i>SKKS 25^m13^s. SKSP 27^m50^s. PS 28^m05^s. PPS 29^m12^s. SS 34^m.2. SSS 39^m.3. New Britain.</i>
335	10	23	<i>e 15 23</i>						Japan.
336	11	2					52		Solomon Islands.
337	11	22					40		
338	13	9	<i>e 45 53</i>		<i>48 04</i>	<i>54 49</i>	40		
339	14	9					20.5		
340	19	2							
341	19	10	<i>ei 06 02</i>	<i>e 15 20</i>	<i>i 16 21</i>		29.5	71	
342	21	4	<i>i 44 29</i>	<i>e 54 41</i>			81		Sumatra.
343	21	19	<i>ii 21 07—</i>		<i>i 21 20</i>	<i>ei 23 30</i>			<i>PP 24^m29^s. 36^m06^s. 38^m10^s. SS 42^m28^s. Depth abt. 650 km. Fiji Islands.</i>
344	21	23		<i>35 22</i>	<i>34 22</i>	<i>37 11</i>	59		Celebes.
345	22	22			<i>27 14</i>	<i>29 44</i>	62		New Britain.
346	26	11					57		
347	28	1					40		
348	31	1					41		
349	Nov. 2	0					26		Depth abt. 100 km. Kermadec Islands.
350	6	22	<i>i 27 15—</i>						
351	10	2	<i>ie 03 16</i>		<i>i 03 27</i>	<i>i 06 19</i>			<i>i 07^m02^s. 16^m22^s. 18^m37^s. SS 24^m.5 SSS 30^m.0. Depth abt. 100 km. Samoa [Islands.</i>
352	11	9					17		Turkey.
353	11	18	<i>e 31 57</i>				39		
354	11	20					16		
355	12	5	<i>ie 39 06—</i>	<i>i 44 35</i>			49.4	35	Red Sea.
356	12	12					04		
357	15	10	<i>ii 17 56</i>	<i>i 27 02</i>	<i>27 12</i>	<i>27 59</i>	42	69	South of Alaska Peninsula.
358	15	22					34.4		
359	17	0		<i>e 05 04</i>			08.5		Arctic Ocean.
360	17	7			<i>e 12 14</i>	<i>e 18 21</i>	45		<i>iPS 21^m41^s. SS 28^m.0. Chile.</i>

No. 65

— 11 —

1955

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
	1955		<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>h m</i>	°	
361	Nov. 22	3	<i>e 43 27</i>		46 00	46 56	90		PPP 48 ^m 24 ^s . 69 ^m 45 ^s . South Pacific Ocean.
362	23	6	<i>i i 40 40—</i>	<i>i 49 44</i>	<i>i 43 14</i>		62	69	SS 54 ^m .2. <i>i 55^m07^s</i> . Strong microseisms. Kamchatka.
363	28	19					30		
	Dec.						23		
364	6	5					47		PS 27 ^m .7. SS 32 ^m .4. Strong micro-
365	7	15	<i>e e 16 05</i>		19 31	26 32	00		[seisms. Bonin Islands.
366	10	21					24		Forerunners masked by microseisms.
367	14	11					02		Very strong microseisms.
368	15	20					23.1		Strong microseisms. Iran.
369	17	8	<i>i 13 26</i>				02		Forerunners masked by microseism.
370	19	4							
371	27	2	<i>i e 47 25+</i>						Depth abt. 200 km. Kermadec Islands

January 1957

HENRY JENSEN