

No. 60

1950

Geodætisk Institut
Proviantgården, 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. 60. Jan.—Dec. 1950.

Instruments:

Galitzin-Wilip seismographs.

Constants:

Component	l	A_1	T_1		μ^2	T	k
	cm	cm	sec			sec	
N	12.5	100	12.64		0.0	$12\frac{1}{2}$ -13	104
E	12.5	100	12.69	$\frac{1}{1}-\frac{12}{4}$ $\frac{12}{4}-\frac{31}{12}$	+ 0.1	12.1 12.5	100
Z	14.5	100	11.56	$\frac{1}{1}-\frac{24}{5}$ $\frac{24}{5}-\frac{31}{12}$	- 0.1 + 0.1	8.6 9.8	83

Wiechert 1000 kg. horizontal seismograph.

Wiechert 1300 kg. vertical seismograph.

Constants:

Component		T	ν	ρ	V
		sec		mm	
N		8.0	4.5	0.4	212
E		8.1	4.3	0.5	210
Z	$\frac{1}{1}-\frac{15}{7}$ $\frac{15}{7}-\frac{31}{12}$	5.6	5.1 3.4	0.1	159

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

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

From Jan. 1—July 25 a Grenet vertical seismograph was in use on the station. $T_1 = \frac{1}{4}^s$, $T = 1^s$. $V_{\max} = \text{abt. } 30\,000$.

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or P'	S					
	1950		m s	m s	m s	m s	h m	°	
1	Jan. 1	16					47		
2	2	1					46		
3	2	16					.4		
4	3	3	e i 04 30	i 15 05	e 14 57		34	85	15 ^m 18 ^s . SS 20 ^m 26 ^s . SSS 23 ^m .5. Philip- [pine Islands.
5	3	12					07		
6	10	3					52		
7	12	12	i 24 37		i 24 44	i i 27 30			Depth abt. 500 km. Fiji Islands.
8	16	4	e 28 05						Depth abt. 150 km. Rumania.
9	17	7					50.6		
10	17	11					27.4		
11	19	17	i 35 00	e 41 20	i 35 21	i 35 30	47	42	Iran.
12	19	18	i 46 58						Repetition to no. 11.
13	19	23	i 18 37		i 18 45				
14	20	2	i 29 16						
15	22	4	i 14 54	i 21 07			27.6	41	Iran.
16	22	22	i 24 48		i 24 55				
17	23	10					46		
18	24	17	i i 06 21		i 07 04	e 08 54			i 09 ^m 38 ^s . Depth abt. 150 km. New He- brides.
19	26	11	i 26 14						South of Fiji Islands.
20	30	1	e 15 45		18 38	30 30	56.5		SS 35 ^m 03 ^s . SSS 40 ^m .7. Magellan Straits region.
	Febr.								
21	2	23	i 45 00	e 54 09	i 47 47	i 54 19	66	70	i 62 ^m 07 ^s . China.
22	3	3	e 03 05	e 12 13	i 12 29	i 20 15	28	70	Repetition.
23	5	1	e 44 20		60 05	68 32	98		New Zealand.
24	7	10	i i 48 55				72.5		Kurile Islands.
25	8	18	e 25 28				31		North Atlantic Ocean.
26	11	1			e 40 10		71		Indian Ocean.
27	12	23					24		
28	14	8	i 26 34						
29	15	13	e 29 43						Seismic?
30	25	5	i e 56 24				75		Mongolia.
31	25	10	e 03 53		i 08 31		33		Riukiu Islands.
32	28	8					01		
33	28	10	i i 31 40+	i 40 25	i i 33 00	i 33 36			i 41 ^m 14 ^s . 42 ^m 47 ^s . 43 ^m 37 ^s . 45 ^m 13 ^s . Depth abt. 350 km. Japan.
	March								
34	1	9					28		
35	2	19			00 23	10 33	.7		Strong microseims. Sandwich Islands.
36	3	11	i 03 30						Tonga Islands.
37	5	0	i 40 33				55		Turkestan.
38	7	2	i 21 08		i 31 33		52		Philippine Islands.
39	8	4	e 28 42	i 29 41	i 29 05				Euskirchen, Germany.
40	9	10	e 13 24						
41	9	10	i 14 37	e 23 42			35	69	Antilles.
42	10	20	i i 34 42						Fiji Islands region.

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No.	Date	Hour	Forerunners				L	△	Remarks				
			P or P'		S								
			m	s	m	s	m	s	h	m	°		
	1950												
	March												
43	14	3	e	23 10	i	34 11	40 43	46 36				Depth abt. 150 km. Peru.	
44	14	16							57				
45	18	5							35				
46	22	21	i	01 09					07.6			Greece.	
47	22	21	i	19 37					49				
48	25	7							35				
49	26	17	e	01 53					23			Red Sea.	
50	27	13	i e	15 17+	i	24 30	i	25 10	28 45	35	70	Aleutian Islands.	
51	27	22							.2				
52	28	12	i	44 45								Deeper than normal. Japan.	
53	28	20	i	24 22								Depth abt. 200 km. New Hebrides.	
54	29	18	e e	00 27			10 02	16 11	35			SSS 20 ^m .0. New Guinea region.	
	April												
55	1	3							.1				
56	1	3							53				
57	1	22							01				
58	4	4							25				
59	4	18	e i	53 02	e	60 09	i	53 08	i	63 42	67	50	Southwest of Lake Baikal.
60	5	1							53				
61	5	18							27				
62	6	2	i	50 26			i	51 45	59 55	61		Turkoman.	
63	8	9							.1				
64	13	12							27				
65	14	20	e	19 06			e	21 36	i	22 47	62		PPP 24 ^m 29 ^s . PPS 33 ^m 18 ^s . SS 39 ^m 42 ^s . [SSS 44 ^m .2. South of Easter Island.
66	14	20	i	22 01									
67	14	23							50				
68	15	13	i	33 45									
69	15	15	e	04 02			07 21	i	14 35				SS 20 ^m 35 ^s . SSS 24 ^m .5. Depth abt. 100 km. Near coast of Guatemala.
70	16	16	i	31 03									Near coast of Honshu, Japan.
71	18	15					e	06 18		26			Southwest of Galapagos Islands.
72	19	17	e	21 21									
73	20	10	e i	02 21	e	11 45	06 55	20 15	25	72		Kurile Islands.	
74	20	17	e	24 17	e	28 25	i	24 21	30.5	23		Algeria.	
75	26	7	i	16 56	i	26 48	i	17 09	40.5	77		Slightly deeper than normal. Honshu, [Japan.	
76	26	19							35				
77	30	11							30				
	May												
78	1	11	e	45 53									Seismic?
79	1	14							17				
80	1	16	e	52 24			e	53 20					Seismic?
81	2	15							18				
82	2	16							33				
83	2	16							58				

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No.	Date	Hour	Forerunners				L	△	Remarks	
			P or P'		S					
			m s	m s	m s	m s	h m	°		
	1950									
	May									
84	3	7		i 22 09			24		Turkey.	
85	9	6	ee 19 37	i 26 56	21 39	26 34	36.8	52	SS 30 ^m 39 ^s . Gulf of Aden.	
86	9	9	ii 25 25	i 29 52			33	25	Eastern Turkey.	
87	9	11	ii 23 52	i 29 23	25 20	29 45		35	SS 31 ^m 13 ^s . 34 ^m 18 ^s . Deeper than nor-	
88	10	2	i 11 29		15.4		16.5		[mal. Turkoman near Askabad.	
89	10	22					45			
90	10	23	ie 51 13	e 60 57			76.5	76	Madagaskar region.	
91	12	22					21			
92	13	19					.2			
93	16	15	i 50 28		i 50 33				Depth abt. 600 km. Fiji Islands.	
94	17	11	ii 57 15	i 65 48	ii 59 13	ii 60 04			66 ^m 23 ^s . sS 69 ^m 21 ^s . SS 70 ^m 40 ^s . Depth	
95	17	18	ei 32 39		35 42	36 23	1.3		abt. 600 km. Japan Sea.	
96	19	2	i 57 37		60 46	61 23	1.8		SS 54 ^m .3. SSS 59 ^m . New Hebrides.	
97	19	7	e 24 56		28 05	28 46			SS 79 ^m .1. SSS 84 ^m .4. Repetition.	
98	20	9	i 46 06	e 53 06					Repetition.	
99	20	19	ii 01 46		ii 02 12	i 02 25		61	48	North Atlantic Ocean.
100	22	0					.4		Hindu Kush.	
101	24	4	i 15 21							
102	25	18			ee 52 55	53.3		83		New Hebrides.
										59 ^m 14 ^s . 60 ^m 00 ^s . 62 ^m 15 ^s . SS 67 ^m 10 ^s .
										SSS 70 ^m .5. Depth abt. 100 km. Ma-
103	26	1	i 36 33		39 53	40 43	1.3			riana Islands.
										49 ^m 03 ^s . 52 ^m .3. Depth abt. 100 km. New
104	27	12	e 58 50		61 52	62 30	1.9			Hebrides.
										78 ^m .2. Depth abt. 200 km. New He-
105	28	1			59 20	59 54				brides.
106	30	15	ii 22 31							New Hebrides.
										Depth abt. 600 km. Tonga Islands.
	June									
107	4	8						20		
108	4	14	e 16 05					23		Near Rhodos.
109	4	15	e 37 40		e 40 43					Loyalty Islands.
110	5	11	ie 22 41	e 27 50				33	32	North Polar region.
111	7	17	ii 05 40		ei 06 12	16 08				16 ^m 40 ^s . 17 ^m 01 ^s . 17 ^m 30 ^s . iSP 17 ^m 38 ^s .
112	8	16		i 33 38	i 32 19	35 07				Depth abt. 100 km. Northern Peru.
113	11	4					21.5			SS 40 ^m 36 ^s . South of Tristan da Cunha.
114	11	18					04			
115	11	22			54.9	61.0	1.4			South Pacific Ocean.
116	14	4					.9			
117	15	22					.2			
118	16	0	i 05 51							Deep focus. South of Fiji Islands.
119	17	3					.0			
120	17	22	ii 49 31	i 59 23				78	77	Japan.
121	18	12	ie 56 35	64 51			1.2		61	
122	19	12	e 51.0	e 63 02	ee 54 57	61.5		85		South of Java.

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			P or P'		S							
			m	s	m	s	m	s	h	m	°	
	1950											
	June											
123	20	1	i	21 54			24.4			26		Rumania.
124	20	14	i	16 10	e	19 50				23		Southwest of Spitsbergen.
125	21	7	e	15 07								PKS 18 ^m 55 ^s . SS 36 ^m .9. New Hebrides.
126	21	10					e	15 47	18 20	51		iSKS 21 ^m 40 ^s . PS 25 ^m 29 ^s . SS 31 ^m .7.
127	22	1								59		[SSS 35 ^m .9. New Guinea.
128	24	22	e	i 44 57			48 00	48 41		89		PPS 60 ^m 16 ^s . 61 ^m 44 ^s . 66 ^m .6. SS 68 ^m .3.
129	25	11		e 19.8			e	30 15	32 24	55		SSS 72 ^m .1. New Hebrides.
130	27	15	i	i 53 09+	i	62 31				76		Philippine Islands.
												Japan.
131	28	16	i	36 24								
132	28	23	i	42 59						1.2		Kurile Islands.
	July											
133	2	23					12 21	13 38		30		15 ^m 33 ^s . 21 ^m 24 ^s . Colombia.
134	3	10			e	29 07	30 57	31 46		51		Caroline Islands.
135	3	12	i	48 59								Depth abt. 200 km. Tonga Islands.
136	5	3					57.5			1.8		New Hebrides.
137	6	7								.4		Forerunners masked by longperiodical microseisms.
138	7	17					08 19	09 31		.9		SS 29 ^m 49 ^s . Solomon Islands.
139	9	0	e	e 37 04	e	43 59	39 00	47 09		.9	47	Baluchistan.
140	9	1	e	i 58 54			61 24			.8		Easter Island region.
141	9	4	i	52 15	i	62 29	i	54 34	61 53			63 ^m 39 ^s . 66 ^m 36 ^s . Depth abt. 600 km.
142	9	5	e	02 25	i	12 29	i	11 48	16 31			Western Brazil.
143	9	9	i	57 18	i	67 28	59 33	71 10				18 ^m .0. Repetition. Masked by preceding shock.
144	9	16	i	i 18 05	i	24 17	i	19 16	i	20 53		71 ^m 22 ^s . Repetition.
145	10	5	e	46.0	e	56 26				1.2		sS 25 ^m 42 ^s . SS 27 ^m 36 ^s . 29 ^m .0. 30 ^m 45 ^s .
146	10	14	i	09 55								Depth abt. 200 km. Pakistan.
147	12	11	i	i 20 38	e	29 55	30 14	37 40		44.0	71	Indian Ocean.
148	12	16			e	06 22				22		Depth abt. 600 km. Fiji Islands.
149	13	4	i	i 15 39			i	i 17 33	i	25 23		SSS 37 ^m .8. Aleutian Islands.
150	14	6					e	37 30				Kamchatka.
151	17	0								52		iS 28 ^m 45 ^s . iSS 31 ^m 11 ^s . Depth abt.
152	17	4								06		[500 km. Bonin Islands region.
153	17	15	e	50 05			e	50 30	e	50 40		
154	17	20	e	e 37 18								Seismic?
155	18	0	e	37 49								New Hebrides.
156	18	1	i	45 44	e	55 32	i	45 57		74	76	
157	18	17								.2		
158	19	10	e	25 21								Seismic?
159	19	12	e	50 29								Seismic?
160	20	9	e	50 14			e	53 10	53 49	1.5		SKS 57 ^m 27 ^s . SS 71 ^m .7. SSS 76 ^m .7.
161	20	17										Fiji Islands region.
162	21	7	i	38 55			i	39 12		40		Kermadec Islands.

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			P or P'		S									
			m	s	m	s	m	s	m	s	h	m	°	
199	1950 Aug. 15	17	i	06 53										Repetition to no. 189.
200	15	17	i	27 23										» »
201	15	17	i	27 34										» »
202	15	17	i	49 47										» »
203	15	18	i	49 16										» »
204	15	20	i	46 29										» »
205	15	21	i	12 11										» »
206	15	21	i	27 02										» »
207	15	21	i	52 54	i	61 29								» »
208	15	21	i	53 05	i	61 47								» »
209	15	23	i	55 10										» »
210	16	5	i	43 41	i	52 10	i	53 37			67			» »
211	16	6	i	52 32	i	61 10	i	62 27			73			» »
212	16	12									02			
213	16	15			e	48 14	49 44	55 18			61			Repetition to no. 189.
214	16	17									14			
215	16	18			e	10 23	11 48	14.5						Repetition to no. 189.
216	16	23	i	32 06			42.2				56			
217	17	1	e	57 42										Very short period.
218	17	2	i	04 42	i	13 11	14 36	17.0			27			Repetition to no. 189.
219	17	5	i	39 36	i	48 02	49 31				61			» »
220	17	15									24			
221	17	16	i	33 55			36 16	37 20						37 ^m 34 ^s . 40 ^m 02 ^s . 49 ^m 30 ^s . 50 ^m 50 ^s . Depth abt. 600 km. Fiji Islands.
222	18	1	i	18 20	i	26 49	20 42	27 02			38			ScS 28 ^m 14 ^s . 28 ^m 29 ^s . SSS 33 ^m .6. Repetition to no. 189
223	18	11									.9			
224	18	17	i	09 18	e	17 47	13 06				.5			Repetition to no. 189.
225	18	19									55			
226	18	22									50			
227	19	21									.9			
228	19	23									07			
229	20	9	i	14 00	e	22 21	i	14 05			35	62		Southeastern Tibet.
230	21	6	i	02 11			11.0	12 15			24			Repetition to no. 189.
231	21	8	i	39 40							59			» »
232	21	8					47 34	49 35						
233	21	19									.3			
234	21	23	i	06 02							30			Repetition to no. 189.
235	22	2	e	32 58	41 24	42 44					52			» »
236	22	6			25 36									» »
237	22	6	i	53 36			i	63 31			1.3			Repetition to no. 229.
238	22	7	i	51 14							1.3			Kamchatka.
239	22	13	e	33 04			i	33 08	43 06		52			Repetition to no. 189.
240	23	3	i	19 46	28 12	28 24	29 41				41	62		29 ^m 53 ^s . Tibet.
241	23	15	e	44 40							67			Repetition to no. 189.
242	23	18	i	57 32	e	66 06	67 27	67 41			80			» »
243	24	2									.0			

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			P or P'		S				
			m s	m s	m s	m s	h m	°	
244	1950 Aug. 26	4	e e 49 33	57 46			66	60	Alaska.
245	26	6	e e 43.7	52.3	53 16			65	Repetition to no. 189.
246	26	14					.1		
247	27	11					.6		
248	27	22	i i 08 33	e 13.0			16		Eastern Turkey.
249	31	7	e 19 19		23 20	26.0	51		iSKS 29 ^m 48 ^s . Philippine Islands.
250	31	17					27.7		Yugoslavia.
251	31	20		11 33	13 00		26		Repetition to no. 189.
252	Sept. 1	3			10 08		.5		Indian Ocean.
253	1	14					33		
254	1	21					01		
255	1	23	i 55 03	e 63.5			77		Repetition to no. 189.
256	2	2	i e 58 41	e 68.0			72		Aleutian Islands.
257	2	4	e 25 07						
258	2	13			e 39.0				
259	2	16	i i 25 08	e 33 35	35 07		44		Repetition to no. 189.
260	3	3					31		
261	4	6	i 29 35		39.5		.9		Repetition to no. 189.
262	4	12	e e 21 47	e 25.5					Turkey.
263	5	4	e e 12 12				15.5		Grand Sasso region, Italy.
264	9	11					.3		
265	10	3	i e 33 27	43 21	43 39	48 41	60	78	Japan.
266	10	15	e 35 15		i 35 20	i i 38 39			38 ^m 53 ^s . 39 ^m 32 ^s . 41 ^m 23 ^s . 44 ^m 38 ^s . 51 ^m .0. SS 55 ^m .9. New Hebrides.
267	11	0	i 29 00						Repetition to no. 189.
268	11	10					16		
269	13	0					.7		
270	13	11					.6		
271	14	9			i 24 07		.9		Molucca Islands.
272	15	14	i 34 01						Tonga Islands region.
273	16	22	i 09 17						
274	18	19					.6		
275	19	20			e 48 44	i 49 05	82		iSKS 55 ^m 06 ^s . iPS 58 ^m 27 ^s . SS 64 ^m .8.
276	19	22					21		[New Guinea.
277	21	23	e i 03 06	e 13 05			32	78	Indian Ocean.
278	22	1	i i 47 48+						Depth abt. 150 km. Kurile Islands.
279	22	3	e 44 07		59.4		77		
280	22	8	e 11 11		14 35				Easter Islands region.
281	23	0	e i 12 11		i 12 17	i i 15 17			iSKS 18 ^m 20 ^s . 20 ^m 45 ^s . 32 ^m 07 ^s . 33 ^m 23 ^s . 35 ^m .9. Depth abt. 450 km. Fiji Islands.
282	23	6	i 28 45	i 32 51			35.5	23	Crete.
283	23	19					.5		
284	24	23	e i 04 07	i 10 09	15 14		17	40	Afghanistan.
285	26	0					03		
286	26	19					48		

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			P or P'		S				
			m s	m s	m s	m s	h m	°	
287	1950 Sept. 26	21					47		
288	27	4					20		
289	28	4					10		
290	29	6			i 56 13	61 43		Strong microseisms. Mexico.	
291	30	7	i i 39 21	e 48.0	i 39 31	i 49 14	61	49 ^m .29 ^s . Repetition to no. 189.	
292	Oct. 1	18					.1		
293	1	19					46		
294	3	7					03		
295	5	1					41		
296	5	16	e e 22 09	i 32 55	25.7	e 32 30	49	PS 33 ^m .7. 34 ^m .0. 35 ^m 18 ^s . 35 ^m .7. SS 38 ^m .4. SSS 42 ^m .2. Depth abt. 100 km. Costa Rica.	
297	8	3	e 37 35		e e 41 06	41 43	75	i 42 ^m 07 ^s . iSKS 48 ^m 20 ^s . Seismic sea wave. Molucca Islands.	
298	8	5	i 00 40				27	Tibet.	
299	10	0	i 10 34						
300	10	4	i 00 21						
301	15	16			26.4		63	Solomon Islands region.	
302	16	15	e 53 03				75	Repetition to no. 189.	
303	19	10	e 10 42				1.2		
304	21	4	e 32 23				82	Tonga Islands region.	
305	21	10			07 24		27	Mexico.	
306	23	16	i i 26 01	36 40	36 25	42 10	53	SSS 46 ^m .3. Depth abt. 100 km. Guatemala.	
307	23	17	e 18 06					Repetition. Masked by preceding shock.	
308	23	18	e 00 33					»	
309	24	0			03 12		23	»	
310	24	1			14 43	15 15	34	»	
311	24	6					34		
312	24	23					03		
313	25	7	e 15 26	i 25 23				Depth abt. 100 km. Riukiu Islands.	
314	26	5					22		
315	26	17					.0		
316	28	22					58		
317	29	1					45		
318	29	6					36		
319	30	23					43		
320	31	3					28		
321	31	19			34.3		40	Atlantic Ocean.	
322	31	21					01		
323	Nov. 1	13					29		
324	2	7		29 54			49	Foochow region, eastern China.	
325	2	15	e i 42 23		42 34	46 42	80	SS 62 ^m .6. Banda Sea.	

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No.	Date	Hour	Forerunners				L	△	Remarks
			P or P'		S				
			m s	m s	m s	m s	h m	°	
326	1950 Nov. 2	15	e 43 36		47 16	i 48 15			50 ^m 33 ^s . SKS 54 ^m 11 ^s . iPS 57 ^m 24 ^s . SS 63 ^m .7. Repetition to preceding shock. Some phases are possibly given to the [wrong quake.
327	2	20					48		
328	5	17					.2		
329	5	17	i i 49 29	i 59 24	i i 49 34	52 21	77.4	78	54 ^m .5. 59 ^m 45 ^s . PPS 60 ^m 08 ^s . SS 64 ^m .5. SSS 68 ^m .4. Japan. Solomon Islands.
330	6	22			e 42 49	48 15	81		
331	8	2	i 37 24		e i 39 20	40 50	74		iSKS 44 ^m 36 ^s . SKKS 46 ^m 21 ^s . 49 ^m 19 ^s . [Solomon Islands.
332	11	4					.7		
333	12	22					04		
334	14	5					.3		
335	14	22					.5		
336	16	9					42		
337	17	16		e 16.5			26		Mid Atlantic Ocean.
338	17	19	e 41 15	52 08	44 38	51 38	69	89	i 52 ^m 16 ^s . SS 57 ^m 46 ^s . Mexico.
339	17	22					22		
340	18	1					19		
341	22	10	e 28 06	e 37 29	42 42		50	72	Aleutian Islands.
342	25	17	i 24 37	e 29.9			34		Iran.
343	26	2	i 53 19				63		
344	26	6	e 28 53						Kermadec Islands region.
345	28	18					03		
346	Dec. 1	15	e e 01 11	09 32	11 06				Mid Atlantic Ocean.
347	2	20	i i 11 14		14 10	18 27	55		Strong microseisms. New Hebrides.
348	3	6	e 37 23				1.0		Strong microseisms. Himalaya.
349	3	18	i 34 07						Hindu Kush.
350	4	16			48 10	48 35			i 58 ^m 22 ^s . 64 ^m .5. 67 ^m .2. 68 ^m .0. New Britain region.
351	5	22					34		
352	9	21	52 47		53 12	57 00			57 ^m 21 ^s . iSKS 63 ^m 15 ^s . 63 ^m 41 ^s . 66 ^m 00 ^s . SS 71 ^m 21 ^s . Depth abt. 200 km. Northern Argentina-Chile border.
353	10	3	e 04 45		i 15 03	22.8	38.6		Peru.
354	10	13	i 42 26-		i 43 45	i 46 15			47 ^m 36 ^s . 52 ^m 25 ^s . 56 ^m 32 ^s . i 58 ^m 56 ^s . 60 ^m .7. 61 ^m .5. Kermadec Islands region.
355	14	2	e 11 56		i i 12 00	12 55			PP 15 ^m 12 ^s . PKS 15 ^m 36 ^s . pPP 16 ^m 02 ^s . i 23 ^m 33 ^s . SS 33 ^m 40 ^s . SSS 39 ^m 03 ^s . Depth abt. 200 km. Tonga Islands region.
356	14	14	i e 28 39	i 39 30	32 12	40 18	58	88	40 ^m 48 ^s . 45 ^m .0. Mexico.
357	18	16		e 10 40			35		Flores Sea.
358	19	21					40		
359	22	9	i 22 43	i 32 37	25 27		77	47	Nicobar Islands.
360	24	5					51		

No. 60

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1950

København

No.	Date	Hour	Forerunners				L	Δ	Remarks
			P or P'	S					
			m s	m s	m s	m s	h m	°	
	1950								
	Dec.								
361	24	17					.1		
362	26	14					.7		
363	28	22					43		
364	29	12	i 05 44	i 13 38	17.5		26	57	Turkestan.
365	29	20		i 36 21			.8		Antilles.
366	29	22	i e 46 03	e 54 38	48 30		67	64	Assam.
367	30	3	i 34 26						

February 1955

HENRY JENSEN