

No. 26

1952

## Geodætisk Institut

Proviantgården, Copenhagen, Denmark

### Bulletin

of the seismological station

# SCORESBY-SUND

$\varphi = 70^{\circ} 29' N.$   $\lambda = 21^{\circ} 57' W.$   $h = 69 m.$

Lithologic foundation: Gneiss.

No. 26. Jan.—Dec. 1952.

Instruments:

Galitzin-Wilip seismographs.

Constants:

Component	$l$	$A_1$	$T_1$	$\mu^2$	$T$	$k$
	cm	cm	sec		sec	
N	12.0	100	11.91	0	$11\frac{1}{2}-12$	100
E	12.0	100	11.97	0	12	100
Z	14.9	100	10.02	-0.1—+0.1	9—10	95

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

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 Grenet-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.



Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks				
			P or PKP		S								
			m	s	m	s	m	s	h	m	°		
39	1952 March	4 19	i	49 21-								Solomon Islands.	
40	4 20		i e	07 08+	i	16 06	i	16 26	i	17 28	31	68	Japan.
41	4 20		e	54 58								»	
42	4 21		e	00 16	i	09 09					67	»	
43	4 21		e	05 36								»	
44	5 0		e	16 36								»	
45	5 1		e	31 14								»	
46	5 4		i	00 03-						26		»	
47	5 5		i	48 30-								»	
48	5 9		i	28 04-						52		»	
49	5 9		e	33 09								»	
50	5 11		i	01 46+								»	
51	5 15		e	57 04						78		Gulf of California.	
52	5 16		i	05 12+	i	14 07	i	05 22+			67	Japan.	
53	5 16		e	33 42								»	
54	5 18		e	08 46								»	
55	5 22		e	56 59								»	
56	6 18		e	07.9								»	
57	7 4		e	03 33								»	
58	7 7		i	44 06-	e	53 32	e	54 18			66	73	»
59	7 9		i	55 36-									»
60	7 11		i	55 24-									»
61	7 18		e	26 52						51		»	
62	7 19		i	54 49+						84		»	
63	8 10		i	15 50-								Jan Mayen region?	
64	8 10		e	23 10	e	23 34					2	»	
65	8 10		e	26 37								»	
66	8 10		e	32 58			e	33 09			3	»	
67	8 10		e	46 17	e	46 47						»	
68	8 11		e	32 47								»	
69	8 11		e	33 38	e	34 02				34.4	2	Jan Mayen.	
70	8 11									38.0			
71	8 13		e	45 38								Jan Mayen region?	
72	8 17		e	00 03								»	
73	8 17		e	03 35								»	
74	8 17		e	12 47								»	
75	8 17		e	25 59								»	
76	8 17		e	42 17	e e	42 43					2	»	
77	8 18		e	22 33								»	
78	8 21		e	43 25								»	
79	8 21		e	51 55								»	
80	8 22		e	24 13								»	
81	8 22		i	26 07+	e	26 30					2	»	
82	9 0		e	26 20								»	
83	9 4		e	52 59								»	
84	9 5		i	45 04	i	45 29					2	Jan Mayen region.	
85	9 5		e	52 31								Jan Mayen region?	

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks					
			P or PKP		S									
			m	s	m	s	m	s	m	s	h	m	°	
	1952													
	March													
86	9	5	e	55 48										Jan Mayen region?
87	9	10	e	27 41										»
88	9	16	i	47 31										»
89	9	17	i	14 41+	i	23 39	e	17 14	i	25 01	37		68	SS 28 <sup>m</sup> .3. SSS 31 <sup>m</sup> .1. Japan.
90	9	17	e	43 11										
91	9	19	e	01 48										
92	9	20	i	08 18-	e	14 48	e	10 08	i	18 31	21.6		44	Alaska-Canada border.
93	10	18	i	11 55+										Japan.
94	12	12	i	14 51*	i	16 10	e	14 59		16 34			7	S <sub>g</sub> 16 <sup>m</sup> 49 <sup>s</sup> . Iceland.
95	13	14	e	09 10	i	18 42	e	10 21	e	20 05				i 20 <sup>m</sup> 37 <sup>s</sup> . Depth abt. 200 km. China Sea.
96	14	21									30			
97	15	11					e	34.2	e	41 06	64			e 41 <sup>m</sup> 28 <sup>s</sup> . e 47 <sup>m</sup> 00 <sup>s</sup> . SS 48 <sup>m</sup> .9. Southwest of Sumatra.
98	16	1			57 45		57.3							No time-marking on Z-records.
99	16	22	i	20 18-	i	29 16					45		68	Japan.
100	17	17	i	24 54										
101	18	11	i	15 19+										No H-records. Santa Cruz Islands.
102	19	1	i	35 04										Asia Minor.
103	19	11	i	10 48										Strong microseisms. Philippine Islands.
104	22	18	e	25 28							42.4			» Aleutian Islands.
105	23	14	e	17 00										
106	23	16									23			
107	25	3	i	43 18+										Southwest of Crete.
108	25	4	e	23 50										Deep focus. Tonga Islands region.
109	25	10									26			
110	27	16	e	22 03										Ascension Island region.
111	30	5	(i)	49 01*										West of Spitsbergen.
112	31	6	e	30 17										South of Nicobar Islands.
	April													
113	1	14	e	27 47			39.3		45.9					Samoa Islands region.
114	1	20	e	46 34			e	47 26						Karakorum.
115	4	3	i	02 51-										Strong microseisms. Kamchatka.
116	8	0	i	30 46-			i	32 55+						Depth abt. 600 km. Western Brazil.
117	8	10	e	14 03			e	24 23	e	27 37	47			Depth abt. 250 km. Philippine Islands.
118	9	8									47			
119	9	16									56			
120	10	6	i	09 42-							39			Riu-Kiu Islands region.
121	11	13	i	50 29										
122	14	8									48			
123	15	0	e e	03 50	e	15 37	e	07 59	e	15 07	38			e 17 <sup>m</sup> 58 <sup>s</sup> . SS 23 <sup>m</sup> .0. Molucca Passage.
124	15	6	i e	10 44+	e	19 36	e	20 01			33		67	Japan.
125	15	9	i	34 02+			e	36 02						Fiji Islands.
126	15	19	e	21 26			e	31 41	e	39 45				Sandwich Islands region.
127	16	3	i i	50 48+	e	59 23	e	60 43			74		64	Kurile Islands region.
128	16	12									02			
129	17	9	i	31 23+										Siberia.
130	18	16					e	23 36	e	25 51	48			SS 31 <sup>m</sup> .0. Mariana Islands region.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks					
			P or PKP		S									
			m	s	m	s	m	s	m	s	h	m	°	
131	1952 April 18	17	e	09 58										
132	19	10	i	10 08	i	19 22	i	10 16	i	12 43				Kurile Islands. 13 <sup>m</sup> 16 <sup>s</sup> . 19 <sup>m</sup> 41 <sup>s</sup> . <i>i</i> SKS 20 <sup>m</sup> 06 <sup>s</sup> . <i>i</i> 20 <sup>m</sup> 46 <sup>s</sup> . <i>i</i> 27 <sup>m</sup> 35 <sup>s</sup> . Some depth. Colombia-Ve- [nezuela border.
133	23	16										39		Costa Rica.
134	25	6	i	13 30+								41		Japan.
135	25	7	e	17 49										Komandorski Islands.
136	26	2	e	06 45										
137	27	0										05		
138	27	13										52		
139	27	21	i	33 35			i	33 52						
140	28	1	i	17 37				17.9	e	19 47		20		Greenland Sea.
141	28	11	i	05 11+	e	14 01	i	05 13	e	07 41		26	67	<i>i</i> 14 <sup>m</sup> 06 <sup>s</sup> . 14 <sup>m</sup> 31 <sup>s</sup> . Japan.
142	29	2	i	47 14+	i	57 11	e	48 21+	i	50 24+			78	<i>e</i> 56 <sup>m</sup> 56 <sup>s</sup> . 58 <sup>m</sup> 23 <sup>s</sup> . 58 <sup>m</sup> 59 <sup>s</sup> . 64 <sup>m</sup> .0. Off [north coast of Formosa.
143	29	3										51		
144	30	2										33		
145	30	10	e	08 31										
146	30	10	i	41 59+										
147	May 1	15	e	14 06								35		Aleutian Islands.
148	1	16	e	18 54								34		North Atlantic Ocean.
149	1	16	e	34 12										
150	1	16	e	42 14										
151	2	11	e	25 19										Japan.
152	3	12	e	27 27										
153	4	14										12		
154	4	14					e	36 55	e	41 27		1.3		Tonga Islands region. Aleutian Islands region.
155	6	2	i	26 53-										
156	6	4	i	e 27 41-										
157	6	17										49		
158	6	23										01		
159	8	1	i	10 11	e	19 39	i	10 30	e	10 41		34	73	<i>e</i> SKS 20 <sup>m</sup> 12 <sup>s</sup> . Slightly deeper than normal. Japan.
160	8	21	e	25 01			e	28 10	e	29 11		59		<i>e</i> 34 <sup>m</sup> 30 <sup>s</sup> . <i>e</i> SKS 35 <sup>m</sup> 15. <i>e</i> PKKP 40 <sup>m</sup> 56 <sup>s</sup> . <i>i</i> 48 <sup>m</sup> 53 <sup>s</sup> . Molucca Passage.
161	9	3					e	50 16	e	51 18		1.5		<i>e</i> 58 <sup>m</sup> 13 <sup>s</sup> . SS 67 <sup>m</sup> .8. Depth abt. 400 km. Kermadec Islands region.
162	9	15	i	41 11-										California.
163	9	18	e	06 23			e	07 29	e	09 23		42		<i>e</i> SKKS 14 <sup>m</sup> 23 <sup>s</sup> . <i>i</i> SKSP 17 <sup>m</sup> 08 <sup>s</sup> . <i>i</i> SS 23 <sup>m</sup> 43 <sup>s</sup> . <i>i</i> SSS 27 <sup>m</sup> .7. 31 <sup>m</sup> 53 <sup>s</sup> . Slightly deeper than normal. Solomon Islands [region.
164	10	10										01		
165	13	19	e	42 58	e	52 20	e	45 54	e	47 30				<i>e</i> 52 <sup>m</sup> 47 <sup>s</sup> . <i>i</i> 52 <sup>m</sup> 59 <sup>s</sup> . SS 57 <sup>m</sup> .0. <i>i</i> 57 <sup>m</sup> 55 <sup>s</sup> . <i>i</i> SSS 59 <sup>m</sup> 45 <sup>s</sup> . M 74 <sup>m</sup> .7. Depth abt. [100 km. Costa Rica.
166	14	0										07		
167	14	0	e	30 03								32.2		
168	14	0	e	i 47 52+	i	56 49	i	48 48-				69	68	Japan.
169	14	1	i	15 15-										
170	14	21	i	22 23+	e	31 11		35.7		38.7		42	66	Off north coast of Honduras.



Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks			
			P or PKP		S							
			m	s	m	s	m	s	h	m	°	
211	1952 June 14	2	i	14 01-	e	20 48			28		47	Alaska.
212	14	8	i	07 05-								Japan.
213	15	15	e	26 58				43.6	50			Tibet.
214	15	15							30			No time-marks on the records 15 <sup>d</sup> 20 <sup>h</sup> -16 <sup>d</sup> 16 <sup>h</sup> .
215	17	4					e	30 17	45.2	67		SSS 49 <sup>m</sup> .1. Tonga Islands.
216	17	7							58.7			
217	17	12					e	31 43	e	32 41		e 34 <sup>m</sup> 53 <sup>s</sup> . Molucca Passage.
218	17	22			e	50 06			55.7			Off Portugal.
219	19	12	e	e 25 02	i	34 59	e	27 49	i	35 28	78	iSS 39 <sup>m</sup> 53 <sup>s</sup> . China.
220	19	21	e	24 42			e	26 33	32.1	64		e 33 <sup>m</sup> 38 <sup>s</sup> . e 36 <sup>m</sup> 53 <sup>s</sup> . SS 43 <sup>m</sup> .8. SSS 48 <sup>m</sup> .6. Southeast of Falkland Islands.
221	20	5	i	i 58 39	i	68 54	e	61 43	i	69 31	81	69 <sup>m</sup> 58 <sup>s</sup> . SS 74 <sup>m</sup> 13 <sup>s</sup> . 80 <sup>m</sup> .5. Formosa.
222	21	6	i	i 39 28+	i	47 58	i	48 05			63	Kurile Islands.
223	22	4							38			
224	22	10	i	e 18 44	i	27 17	e	21 13	e	27 24	64	Kurile Islands.
225	22	21	i	i 52 23+	i	60 53	e	54 48	e	56 27	63	i 61 <sup>m</sup> 27 <sup>s</sup> . iScS 62 <sup>m</sup> 07 <sup>s</sup> . iSS 64 <sup>m</sup> 59 <sup>s</sup> . SSS 67 <sup>m</sup> .9. P (+ 2.5, + 1.2, + 2.5; - 7.0, - 2.0, - 8.0; + 7.5, + 2.0, + 7.8). Per. 8 <sup>s</sup> . Kurile Islands.
226	22	22	e	e 10 34								Following phases disturbed by previous [shock. Repetition.
227	22	22	e	21 27								
228	22	22	e	23 20								
229	23	12	e	15 32*			e	18 40	25 42	42		SS 30 <sup>m</sup> 58 <sup>s</sup> . Formosa.
230	23	18	e	19 42	e	28 17				44	64	Kurile Islands.
231	24	8	e	14 11					38			Repetition.
232	24	16	e	e 39 34	i	48 07	e	43 57	e	49 36	64	»
233	25	23	e	31 19	i	40 45	e	41 15			73	China.
234	26	13							22			
235	26	15	e	39 41		45 07	47.2		48		34	Azores.
236	27	13	i	16 38								Greece.
237	28	5	e	11 13	e	18 52			30		55	Kamchatka.
238	28	17							09			
239	30	21	e	16 38	e	26 36			42		78	Lake Victoria.
240	July 2	2							58			
241	2	17							32			
242	3	1			e	13 36			.5			Near west coast of Columbia.
243	5	17							43			
244	6	0							05			
245	7	3			e	10 03	14.6		22			Aleutian Islands.
246	9	18			e	36 22			47			No Z-records. Near coast of Panama.
247	13	12	i	17 10			i	i 19 14	i	20 32		e 22 <sup>m</sup> 12 <sup>s</sup> . 26 <sup>m</sup> 59 <sup>s</sup> . 32 <sup>m</sup> 32 <sup>s</sup> . 36 <sup>m</sup> 00 <sup>s</sup> . No Gal. Z-record. Depth abt. 300 km.
248	13	17					e	53 43	i	59 39		New Hebrides. eSKKS 60 <sup>m</sup> 30 <sup>s</sup> . iPS 63 <sup>m</sup> 00 <sup>s</sup> . SS 69 <sup>m</sup> .0. 73 <sup>m</sup> .3. No Gal. Z-record. Molucca Islands region.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
			m s	m s	m s	m s	h m	°	
249	1952 July 15	6		e 27 03			41		No Gal. Z-record. Near Guatemala.
250	15	19					51		
251	16	2					08		
252	17	16	i e 21 22	i 30 50	e 24 22	26.3	44		isS 31 <sup>m</sup> 23 <sup>s</sup> . 32 <sup>m</sup> 28 <sup>s</sup> . 33 <sup>m</sup> 02 <sup>s</sup> . 36 <sup>m</sup> 43 <sup>s</sup> . No Gal. Z-record. Depth abt. 100 km. Destructive. Japan.
253	18	18			e 59.0	e 65 12	93		ePS 08 <sup>m</sup> 32 <sup>s</sup> . 69 <sup>m</sup> 50 <sup>s</sup> . SS 74 <sup>m</sup> .5. 82 <sup>m</sup> .5. No Gal. Z-record. Easter Island region.
254	19	21					44		
255	20	6					52		
256	21	12	i i 02 18+	i 10 15	e 06 16		21	58	No Gal. Z-record. Destructive. Southern [California].
257	21	12	e 15.5						
258	21	18					13		
259	21	20					12		
260	21	20					35		
261	21	22					12		
262	22	14					04		
263	22	23			e 32.0	37.5	52		44 <sup>m</sup> .9. No Z-records. South Pacific Ocean.
264	23	0	e 48 36	e 56 47	57 00		67	60	No Z-records. California.
265	23	3					50		
266	23	4					33		
267	23	6					18		
268	23	8					09		
269	23	8					24		
270	23	13		e 35 20	42 19		47		No Z-records. California.
271	24	11					.6		
272	24	22	e 20 08	i 28 55	29 18	29 58	.7		30 <sup>m</sup> 27 <sup>s</sup> . SSS 36 <sup>m</sup> .5. No Z-records. [Deeper than normal. Japan.
273	25	13					45		
274	25	15					.1		
275	25	15					38		
276	25	19		28.0			39		No Z-records. California.
277	25	20		01.8			12		» »
278	27	3					14		
279	27	8			e 43 45	e 44 11			i 45 <sup>m</sup> 01 <sup>s</sup> . iSS 60 <sup>m</sup> 20 <sup>s</sup> . e 60 <sup>m</sup> 41 <sup>s</sup> . 76 <sup>m</sup> .6. Gal. N-record only. Depth abt. 500 km. [Fiji Islands.
280	27	21					39.1		
281	29	7		e 21 58			32		Gal. N-record only. California.
282	29	20	e 04 07	11.7			25		Aleutian Islands.
283	31	12	e 19 11	e 27 19			37	59	No Gal. Z-record. California.
284	Aug. 1	11					05		
285	1	13					36		
286	1	20			e 23.3	e 26 37			No Z-records.
287	3	13	e 26 55	37.8			62		No Gal. Z- and E-records.
288	6	15					25.8		No time-marking on Grenet. Near shock?
289	6	17					10.7		No time-marking on Grenet. Near shock?
290	7	10					57.9		Near shock?



Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks					
			P or PKP		S									
			m	s	m	s	m	s	m	s	h	m	°	
291	1952 Aug. 7	17									04			
292	7	22	i e	04 23	e	13 13							67	Near coast of Hokkaido, Japan.
293	9	10									19			
294	12	13	e	57 57		e	58 13	i	58 20					
295	12	16	e	07.5										
296	13	5	e	34.7										
297	13	9	e	39 17										
298	13	14	e	39 52							1.0			Kamchatka.
299	14	16			e	25 13	28.6				51			Iran.
300	14	23					36.1	42	14		72			Depth abt. 300 km. Sumatra. ePS 46 <sup>m</sup> 09 <sup>s</sup> . eSS 52 <sup>m</sup> .6. SSS 56 <sup>m</sup> .8. Solomon Islands.
301	16	14					e	11.6	e	14 03	48			ePS 20 <sup>m</sup> 56 <sup>s</sup> . Solomon Islands region.
302	16	18									42.0			
303	16	19									43.1			
304	17	16	i e	13 14-	i	22 22	e	15 53	e	23 22	33.1		69	SS 27 <sup>m</sup> 16 <sup>s</sup> . SSS 29 <sup>m</sup> 51 <sup>s</sup> . Tibet.
305	18	13					e	23.6	e	29.8	56			31 <sup>m</sup> 18 <sup>s</sup> . ePS 32 <sup>m</sup> 53 <sup>s</sup> . Central Chile.
306	19	0									35			
307	19	11									02			
308	19	14	i	13 22										Lesser Antilles.
309	19	19									45			
310	20	9									36			
311	20	10									28			
312	20	15	e e	34 35	i	42 22	i i	34 50	e	35 11	51		56	e 37 <sup>m</sup> 11 <sup>s</sup> . iPS 42 <sup>m</sup> 27 <sup>s</sup> . e 42 <sup>m</sup> 52 <sup>s</sup> . e 44 <sup>m</sup> 22 <sup>s</sup> . i 46 <sup>m</sup> 42 <sup>s</sup> . i 47 <sup>m</sup> 45 <sup>s</sup> . Off [coast of Oregon.
313	21	10									15			
314	23	5					e	13.3	e	16 32				
315	23	14									54			
316	24	13					e	08 45			.5			No vertical records. Bonin Islands.
317	24	21									11			
318	25	1	e	56 14		65.6	60.6	66.4			87			Assam.
319	26	23					i	41 20	i	41 29				42.3. Some preceding movement on Grenet.
320	27	11	e	36 51				37 05			55			Deeper than normal. Alaska.
321	28	2						e	53.4					Strong microseisms. North Atlantic Ocean.
322	28	10	e	59 55										New Zealand.
323	28	11	i	01 45							19			Alaska.
324	28	13									.8			
325	28	15									31			
326	29	16									49			
327	Sept. 9	13	i e	06 12	e	15 53					25			Deeper than normal. No Gal. N-record. Near coast of Costa Rica.
328	15	12									08			No horizontal records.
329	21	2	i	43 43+			e	44 48	i	47 40+				No Gal. records. Depth abt. 250 km. Argentina-Bolivia border.
330	21	11	e	23 55			i	24 11*	i	24 24+				No Gal. records. Depth abt. 100 km. Off south coast of Japan.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
			m s	m s	m s	m s	h m	°	
331	1952 Sept. 22	9	e 34.6						No Gal. records. Deeper than normal. Off south coast of Japan.
332	22	11	e 51 19						No Gal. records. California.
333	24	8					.0		
334	24	20		e 45 14	e 47 52		52		Near south coast of Alaska.
335	28	2					44		
336	30	13	i e 03 36	i 13 08	e 13 37	i 18 32	26	74	i 19 <sup>m</sup> 39 <sup>s</sup> . e 21 <sup>m</sup> 38 <sup>s</sup> . China.
337	Oct. 1	8					40		
338	1	10					.1		
339	1	12	i 34 11						Easter Island region.
340	1	13					58		
341	3	7	e 48 26				73		Strong microseisms. Off south coast of
342	6	19					54.8		[Panama.
343	6	22	e 39.6				59		Off east coast of Kamchatka.
344	10	11	e 39 35						Off west coast of Greece.
345	10	16					47		
346	10	18	e 58 01	e 66 36	10.8	13.0	19	64	Central Pakistan.
347	11	0			51.2	53 16	72		New Britain.
348	11	11	e 03 40						Near quake?
349	12	7	e 02 27						»
350	12	9	e 19 33		e 19 54				»
351	13	16	e 49 55						Greece.
352	14	0					.7		
353	15	0					33		
354	18	6					27		Strong microseisms.
355	19	3	i 42 23				44.3		» Iceland.
356	20	1	e e 09 15		e 14 51				» Off coast of La- brador.
357	21	2	e 42.3				70		Strong microseisms. Near Costa Rica.
358	21	2					53		»
359	25	15					06		»
360	26	8	i 52 11	e 61 24	i 52 17	i 53 20			e 62 <sup>m</sup> 26 <sup>s</sup> . e 62 <sup>m</sup> 43 <sup>s</sup> . e 64 <sup>m</sup> 05 <sup>s</sup> . 70 <sup>m</sup> .0. No Gal. E-record. Strong microseisms. Depth abt. 300 km. Near Japan.
361	26	16	e 04.0	e 13 29	e 06 07	e 18 04	26		Strong microseisms. Near coast of Japan.
362	26	18	e e 13 12	i 22 24	e 23 02		32	70	Repetition.
363	26	19	i i 30 30		e 31 00		55		»
364	27	3	i e 28 27	i 37 35	e 38 00		51	70	»
365	28	4	e 40 07	48 26			58	61	Strong microseisms. Destructive. Haiti.
366	28	6	i 42 15	e 51 27			72	70	» Near Japan.
367	31	17					.2		»
368	Nov. 2	0	i 04 32		i 07 45				Strong microseisms. Depth abt. 150 km. Fiji Islands region.
369	4	17	i i 08 17						Strong microseisms. Near Kamchatka.
370	4	18	i 38 49						Repetition.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks				
			P or PKP		S								
			m	s	m	s	m	s	h	m	°		
371	1952 Nov. 4	20	i	58	50								Disturbed by preceding quake. Repetition.
372	4	21	i	10	41								Repetition.
373	4	22	e	02	58								»
374	4	22	e	22	50								»
375	4	22	e	29	11								»
376	4	23	i	39	04	i	47	13		64	60		Strong microseisms. Near Kamchatka.
377	5	2	i	30	01	i	38	10	39.8	49	60		»
378	5	3	e	39	47	i	47	56		58	60		»
379	5	4							e 45 24	48			»
380	5	6	i	07	58	e	16	17		25	61		» Kurile Islands.
381	5	10								04			»
382	5	11	e	44	33					1.1			» Kamchatka.
383	5	11	i	56	41					78			»
384	5	13	e	16	18	e	24	09	24 29	32	57		»
385	5	14	e	20	57				23.5	27			»
386	5	14	i	58	48					81			»
387	5	19	e	18	18	e	26	01		36	55		»
388	5	20	e	40	33					62			»
389	5	21	e	56	12								»
390	5	22	e	55.9						73			»
391	6	1		07	57					34			»
392	6	2		33.8						59			»
393	6	4		04.4						41			»
394	6	11								.5			»
395	6	14								38			»
396	6	20								.2			»
397	7	2	e	32	07					55			»
398	7	4	e	05	21								»
399	7	12	e	19	01					40			»
400	7	13	i	51	35					72			»
401	7	14	i	18	33	e	26	40	27 04	31 06	38	59	34 <sup>m</sup> 01 <sup>s</sup> . Strong microseisms. Kamchatka.
402	7	21	e	05	42					28			Gulf of California.
403	7	22	e	15	44	e	24	16		38	63		Strong microseisms. Kurile Islands.
404	7	23	e	31	37					1.4			Kermadec Islands.
405	8	2								48			Strong microseisms.
406	8	3	e	20	44								»
407	8	5								32			»
408	8	14	e	05	58								»
409	8	17								37			»
410	8	19	e	43	36					64	63		» Kurile Islands.
411	9	6	e	07	04								» Kamchatka.
412	9	15	i	41	45								» Kurile Islands.
413	10	1								33			»
414	10	6								41			»
415	10	20	i	36	25	e	44	28		57	58		Kamchatka.
416	10	22	e	04.0						27			»

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks										
			P or PKP		S														
			m	s	m	s	m	s	m	s	h	m	°						
	1952																		
	Nov.																		
417	11	0										03							
418	11	1										30							
419	11	8										53							
420	11	9										42							
421	11	14	e	20	28							44		Kamchatka.					
422	11	15	e	50.5				e	51.2					»					
423	11	19	e	30	38							52		»					
424	13	8	i	08	48-	e	17	00	i	08	52+	27	60	Strong microseisms. Kamchatka.					
425	13	16										56		»					
426	13	22	i	35	39-							58		»					
427	15	5	i	10	49							31		»					
428	15	5	e	32	57							57		»					
429	16	1	i	58	00									Kamchatka.					
430	16	4										43							
431	16	8						08	06*	14.7		38		Near New Guinea.					
432	17	12										40							
433	17	13	i	31	12-									Kurile Islands region.					
434	18	7	i	52	40-									Kamchatka.					
435	18	8	i	23	37-	i	31	48	i	24	25	e	25	38	e 32 <sup>m</sup> 20 <sup>s</sup> . Kamchatka.				
436	19	9	e	45	56														
437	19	10	e	34	31									Tibet.					
438	20	5	e	33	19									Microseisms?					
439	20	6										01							
440	20	11	i	36	03-							61		Kamchatka.					
441	20	15	e	e	48	28	e	57	49	e	63	35	66	36	74	Deeper than normal. Near coast of Nicaragua.			
442	21	17	i	34	43-		41.1			e	36	31			50	West of Alaska.			
443	22	5	e	29	13										52	Kamchatka.			
444	22	7	i	i	56	43+	i	64	58	e	60	21	68	56	77	60	California.		
445	23	19	e	55	24														
446	24	2	i	26	59												Depth abt. 500 km. Bonin Islands region.		
447	27	7	i	29	50												Depth abt. 220 km. Hindu Kush.		
448	28	5	i	46	01-												Assam.		
449	28	8	i	15	25+	e	23	47				34	62		Kamchatka.				
450	28	21	e	20	05	e	28	46	e	e	21	40	e	e	30	33	54	e 31 <sup>m</sup> 48 <sup>s</sup> . e 38 <sup>m</sup> 08 <sup>s</sup> . Depth abt. 100 km. Solomon Islands.	
451	29	2	e	43	35							e	48.6						
452	29	8	e	i	32	26	i	40	19	i	i	32	38	33	41			35 <sup>m</sup> 34 <sup>s</sup> . 37 <sup>m</sup> 26 <sup>s</sup> . 40 <sup>m</sup> 34 <sup>s</sup> . 42 <sup>m</sup> 32 <sup>s</sup> . 45 <sup>m</sup> 35 <sup>s</sup> . Kamchatka.	
453	29	23	i	i	55	18-	i	62	22	i	56	32	i	i	57	13	69.7	49	57 <sup>m</sup> 46 <sup>s</sup> . ScS 65 <sup>m</sup> 01 <sup>s</sup> . iSS 65 <sup>m</sup> 59 <sup>s</sup> . Off south coast of Alaska peninsula.
454	30	6	e	44	02								63					Kodiak Island.	
455	30	16	e	39	14								60					»	
456	30	18	e	41	29								59						
457	30	19	e	e	38	36	e	46	27	e	49	52	e	51	29	54	57	Kamchatka.	

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
			m s	m s	m s	m s	h m	°	
458	1952 Dec. 1	1					10		
459	1	4	e 53 41						Kamchatka.
460	1	5	e 04 03		e 04.8		18		
461	1	13	e 07 53				32		Kamchatka.
462	1	14	e 42 24				68		»
463	2	8	e 59 28				79		
464	2	19	e 10 04				32		Kamchatka.
465	2	19	e 24 57						»
466	2	21					54		
467	3	0	e 40 01				57		
468	3	0	e 46 18						
469	3	11					56		
470	3	14	e 17 54				40		Kamchatka.
471	3	22	i 35 29	e 43 12	e 45 19		54	55	»
472	4	4	i i 01 13	i 08 54	e 01 53	e 09 56			14 <sup>m</sup> 12 <sup>s</sup> . Depth abt. 100 km. Aleutian Islands.
473	4	10	e 59 47		e 68.5		81		Kamchatka.
474	4	11	e 06 19						»
475	5	7					41		
476	6	3	i 44 32				66		Kamchatka.
477	6	11	e 00 08		e 01 27	e 04 02			e 08 <sup>m</sup> 22 <sup>s</sup> . i 09 <sup>m</sup> 14 <sup>s</sup> . e 09 <sup>m</sup> 58 <sup>s</sup> . iPS 11 <sup>m</sup> 13 <sup>s</sup> . Solomon Islands.
478	6	21			e 20.4		50		Repetition.
479	7	1	i e 00 04	i 07 55	i i 00 06	01 16	18	57	ePP 02 <sup>m</sup> 15 <sup>s</sup> . ePPP 03 <sup>m</sup> 13 <sup>s</sup> . 08 <sup>m</sup> 03 <sup>s</sup> . ScS 09 <sup>m</sup> 52 <sup>s</sup> . SS 11 <sup>m</sup> 46 <sup>s</sup> . Aleutian Islands.
480	7	16	e 43.1	e 51 25			62		Kamchatka.
481	8	4	e 30 28*						»
482	8	15	e 21 37				.7		China-Burma border.
483	9	22	e 23 56		e 24 39				
484	10	5	i i 59 22+						Strong microseisms. Jan Mayen region.
485	10	12	e 52 55						» Arctic Ocean.
486	10	14	e 11 53	e 16 15				25	»
487	11	9	e 08 28	e 16 42	17 01	18 16	27	60	e 18 <sup>m</sup> 46 <sup>s</sup> . Strong microseisms. Kurile Islands.
488	11	17			e <sub>H</sub> 59.4				Kamchatka?
489	12	0	e 56 34				76		Kodiak Island.
490	12	5	e 29 45		e 31 22				»
491	12	20	e 42 00		i 42 10		68		Kamchatka region.
492	13	13					.6		
493	15	10					17		No Grenet record. Strong microseisms.
494	17	23	i i 12 05+	i 18 34	i i 13 43	14 15	25	44	ScS 22 <sup>m</sup> 14 <sup>s</sup> . Strong microseisms. South of Crete.
495	18	9	e 30 15						Strong microseisms. Kamchatka.
496	20	4	i 15 33						»
497	22	22	i 34 24-				54		»
498	22	23	e 59 41						» Near Crete.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	Δ	Remarks					
			P or PKP		S									
			m	s	m	s	m	s	h	m	°			
499	1952 Dec. 24	19				08	10		09	14	93		SS 15 <sup>m</sup> 53 <sup>s</sup> . SSS 20 <sup>m</sup> 13 <sup>s</sup> . 22 <sup>m</sup> 18 <sup>s</sup> . No Grenet record. Strong microseisms. New Britain.	
500	25	2				e 58	20				88		Repetition.	
501	25	4									18			
502	25	4									.8			
503	25	22	e 33	16		e 49	10				55		Pakistan.	
504	26	5	e 53	02										
505	26	11	e 33	13		e 35	31	i 35	42				Depth abt. 600 km. Fiji Islands.	
506	26	15	e 00	03										
507	27	0	i 02	33										
508	27	1	e 35	45	e 43	50	37	58	44	08	56	59	Depth abt. 300 km. Tyrrhenian Sea. ScS 45 <sup>m</sup> .7. Kamchatka.	
509	28	5	e 03	06	e 09	17	e 04	56	e 13	11	16	41	Alaska.	
510	28	15	e 03	29			13	56					23 <sup>m</sup> 21 <sup>s</sup> . 25 <sup>m</sup> 37 <sup>s</sup> . 26 <sup>m</sup> 01 <sup>s</sup> . 29 <sup>m</sup> 21 <sup>s</sup> . 33 <sup>m</sup> 03 <sup>s</sup> . 34 <sup>m</sup> 09 <sup>s</sup> . Philippine Islands.	
511	28	15	e 15	29						19	23	49		
512	29	2	e 19	26	e 27	52						39	62	Kamchatka region.
513	29	2	e 48	49										
514	29	12	e 27	23										Kamchatka region.
515	29	23	e 39	32		e 41	20	e 42	09					Depth abt. 500 km. Fiji Islands.
516	30	12									38			
517	31	0	e 03	49										Antilles region.
518	31	1	e 48	47										Kamchatka region.
519	31	12	e 26	19										Near Crete.
520	31	14	e 56	42										
521	31	17	e 26	45										»
522	31	21	e 54	01										Kurile Islands.

November 1956

HENRY JENSEN