

Geodætisk Institut

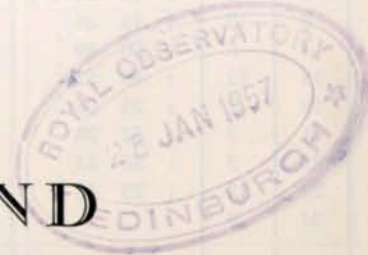
Proviantsgården, Copenhagen, Denmark

Bulletin
of the seismological station

SCORESBY-SUND

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

Lithologic foundation: Gneiss.



No. 26. Jan.—Dec. 1952.

Instruments:

Galitzin-Wilip seismographs.

Constants:

Component	l	A_1	T_1	μ^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, $T_1 = \frac{1}{4}^s$, $T = 1^s$, $V_{\max} = \text{abt. } 30\,000$.

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 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					
	1952		m s	m s	m s	m s	h m	°	
1	Jan. 1	7					56		
2	3	6	e 12 04		e 13 46				Strong microseisms. Turkey.
3	3	10	i 16 26						» Mexico.
4	4	6	e 06 49		e 10 15				» Loyalty Islands.
5	18	12	e 56 52						» Galapagos Islands.
6	19	7	e 25 05						» Aleutian Islands.
7	21	3	e 52 28						» »
8	23	3	i 39 42						» Gobi dessert.
9	23	12	i 23 42						Near Shock.
10	24	9					45		
11	28	6	i 30 43						North Atlantic Ocean.
12	29	1	e 09 03				46		Philippine Islands.
13	30	7	e 13 05						Kurile Islands.
14	Feb. 2	10	e 29 47		e 30 02				Depth abt. 100 km. Aleutian Islands.
15	4	19					43		
16	10	6	e 12 04	i 13 47	i 12 09	15 13			Jan Mayen region.
17	11	7	e 14 23		e 16 44	e 17 56			iPKP 18 ^m 24 ^s . iPP 19 ^m 04 ^s . Depth abt. 700 km. Java Sea.
18	22	11	e 47 27						Alaska.
19	25	1	i 36 04		e 37 44	59.3	76		Tonga Islands.
20	25	2	e 14 32*						Aftershock.
21	26	11	i i 43 41	i 54 15	i i 44 43	i 45 09			iPP 47 ^m 19 ^s . iSKS 53 ^m 49 ^s . ipS 55 ^m 22 ^s . isS 56 ^m 03 ^s . SS 60 ^m .4. Depth abt. 250 km. Peru-Bolivia border.
22	26	15	e 50 ^s 52	e 59 49	e 51 12	53 16	1.2		PPP 55 ^m 13 ^s . eScS 60 ^m .1. SS 64 ^m .9. SSS 68 ^m .0. Depth abt. 100 km. Nicaragua.
23	March 1	3					49		
24	1	15	i 41 56						Japan.
25	4	1	e 33 38+		i 33 47				Illegible after P. Destructive. Japan.
26	4	1	e 50 28		i 50 39				Japan.
27	4	2	e 02 28						»
28	4	2	e 19 22						»
29	4	2	e 50 41						»
30	4	3	e 19 18						»
31	4	3	e 22 59						»
32	4	4	i 04 28-						»
33	4	4	i 22 13-						»
34	4	14	e 30 49						»
35	4	16	i e 41 51		46 46	50 55	70		51 ^m 33 ^s . 51 ^m 46 ^s . Later forerunners uncertain due to microseisms. Japan.
36	4	17	i 28 51-						Japan.
37	4	17	e 31 04						»
38	4	18	e 37 24						»

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
	1952		m s	m s	m s	m s	h m	°	
39	March 4	19	i 49 21-						
40	4	20	i e 07 08+	i 16 06	i 16 26	i 17 28	31	68	Solomon Islands. 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
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					
	1952 March		m s	m s	m s	m s	h m	°	
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 ^m .3. SSS 31 ^m .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. Japan.
93	10	18	i 11 55+						
94	12	12	i 14 51*	i 16 10	e 14 59	16 34		7	S _g 16 ^m 49*. Iceland. i 20 ^m 37*. Depth abt. 200 km. China Sea.
95	13	14	e 09 10	i 18 42	e 10 21	e 20 05			
96	14	21					30		
97	15	11			e 34.2	e 41 06	64		e 41 ^m 28*. e 47 ^m 00*. SS 48 ^m .9. South- west of Sumatra. No time-marking on Z-records. Japan.
98	16	1		57 45	57.3				
99	16	22	i 20 18-	i 29 16			45	68	
100	17	17	i 24 54						
101	18	11	i 15 19+						No H-records. Santa Cruz Islands. Asia Minor.
102	19	1	i 35 04						
103	19	11	i 10 48				42.4		Strong microseisms. Philippine Islands. Aleutian Islands.
104	22	18	e 25 28						
105	23	14	e 17 00						
106	23	16					23		
107	25	3	i 43 18+						Southwest of Crete. Deep focus. Tonga Islands region.
108	25	4	e 23 50						
109	25	10						26	
110	27	16	e 22 03						Ascension Island region.
111	30	5	(i) 49 01*						West of Spitsbergen. South of Nicobar Islands.
112	31	6	e 30 17						
113	April 1	14	e 27 47		39.3	45.9			Samoa Islands region. Karakorum.
114	1	20	e 46 34		e 47 26				Strong microseisms. Kamchatka. Depth abt. 600 km. Western Brazil. Depth abt. 250 km. Philippine Islands.
115	4	3	i 02 51-						
116	8	0	i 30 46-	i 32 55+					
117	8	10	e 14 03	e 24 23		e 27 37	47		
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 ^m 58*. SS 23 ^m .0. Molucca Passage. Japan.
124	15	6	i e 10 44+	e 19 36	e 20 01		33	67	
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 ^m .0. Mariana Islands region.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
	1952 April		m s	m s	m s	m s	h m	°	
131	18	17	e 09 58						Kurile Islands.
132	19	10	i i 10 08	i 19 22	i 10 16	i 12 43			13 ^m 16*. 19 ^m 41*. iSKS 20 ^m 06*. i 20 ^m 46*. i 27 ^m 35*. 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 i 05 11+	e 14 01	i 05 13	e 07 41	26	67	i 14 ^m 06*. 14 ^m 31*. Japan.
142	29	2	i i 47 14+	i 57 11	e 48 21+	i 50 24+		78	e 56 ^m 56*. 58 ^m 23*. 58 ^m 59*. 64 ^m .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+						
	May								
147	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 i 10 11	e 19 39	i 10 30	e 10 41	34	73	eSKS 20 ^m 12*. Slightly deeper than normal. Japan.
160	8	21	e 25 01		e 28 10	e 29 11	59		e 34 ^m 30*. eSKS 35 ^m 15. ePKKP 40 ^m 56*. i 48 ^m 53*. Molucca Passage.
161	9	3			e 50 16	e 51 18	1.5		e 58 ^m 13*. SS 67 ^m .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		eSKKS 14 ^m 23*. iSKSP 17 ^m 08*. iSS 23 ^m 43*. iSSS 27 ^m .7. 31 ^m 53*. 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			e 52 ^m 47*. i 52 ^m 59*. SS 57 ^m .0. i 57 ^m 55*. iSSS 59 ^m 45*. M 74 ^m .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-		i 16 18				
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					
	1952		<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>h m</i>	°	
171	May 15	10	i 38 13+	e 48 49	i 41 38+	49.0	75	85	54 ^m .6. Philippine Islands. Aleutian Islands.
172	15	11	e 17 47						
173	15	18	i 25 16-						
174	15	19					16		
175	15	22					09		
176	16	6					06		
177	16	11	e 03 40						Mexico.
178	16	14	i 34 00		i 34 16	35.5			Iceland.
179	16	20	i 57 13-	i 66 42	71.5		81	73	Off Panama.
180	17	9	e 59 09	i 68 26	i 68 52	e 69 34	1.3	71	Japan.
181	19	18	i 43 18	i 52 14	i 52 34	e 53 19	1.1	67	SS 56 ^m .8. SSS 59 ^m .2. Japan.
182	22	23	e 20 18	e 30 14	e 30 30		47	78	Riu-Kiu Islands.
183	23	4	e 32 35				55		Japan.
184	23	22	e 25 05		e 35 32		52		Hawaii.
185	24	2	e 12 42	e 24 04	i 23 20	e 23 58	.8		PS 25 ^m 31 ^s . SS 30 ^m .3. 39 ^m 03 ^s . Chile.
186	24	16	e e 19 45	e 31 20	e 23 50	i 23 53	55		PPP 25 ^m 53 ^s . SKS 30 ^m 08 ^s . SKKS 30 ^m 45 ^s . i 34 ^m 06 ^s . SS 38 ^m .0. i 38 ^m 43 ^s . SSS 42 ^m .1. Sumatra.
187	25	0	e 48 52				51.0		Near shock.
188	25	7	e 14 25	e 24 23			45	78	Riu-Kiu Islands.
189	26	2	e 57 58	e 67 18	i 58 06	e 60 33	81	72	PPP 62 ^m 11 ^s . ScS 68 ^m 03 ^s . SS 71 ^m .6. Tibet-Assam-Burma border.
190	28	7	e 57 05						Deep focus. Hindu Kush.
191	28	8	i 10 02	i 19 00	e 14 44	19 29			19 ^m 39 ^s . i 20 ^m 44 ^s . SS 23 ^m 39 ^s . sSS 26 ^m .6. SSS 27 ^m .3. e 29 ^m 19 ^s . No Gal-Z record. Depth abt. 400 km. Japan.
192	30	1	i 29 37-						Formosa.
193	31	5			e 23 19	e 27 04	1.2		30 ^m 44 ^s . 31 ^m 54 ^s . e 35 ^m 49 ^s . 40 ^m .6. South Pacific Ocean.
194	June 2	10					46		
195	3	6					11		
196	4	6					43		
197	4	7	e 43 04				45.3		
198	4	21	e 42 20		e 42 26				West coast of Columbia.
199	5	6	e 08 07	e 17 40	e 08 12	e 17 59	31	74	Repetition.
200	6	10	e 38 10	e 46.8			54		Mid Atlantic Ocean.
201	7	13	e 04 28		e 04 52				
202	7	16	e 10 48						Depth abt. 200 km. Hindu Kush.
203	9	14	e 56 38						Aegean Sea.
204	10	10			e 19 04	e 21 36	55		30 ^m 46 ^s . e 31 ^m 34 ^s . SS 35 ^m .6. i 36 ^m 04. Fiji Islands region.
205	10	14	i 59 54						New Hebrides.
206	11	0	e e 45 59	e 58 04	e 50 22	i 56 44	1.3	105	SKKS 57 ^m 29 ^s . PS 59 ^m .6. SS 65 ^m .7. [Argentina.]
207	11	1	e 01 24						
208	12	6					15		
209	12	11	i 08 19-						Crete.
210	13	1	i 15 04+						Greece.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
	1952		<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>h m</i>	°	
211	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 ^d 20 ^h - 16 ^d 16 ^h .
215	17	4			e 30 17	45.2	67		SSS 49 ^m .1. Tonga Islands.
216	17	7					58.7		
217	17	12			e 31 43	e 32 41	57		e 34 ^m 53 ^s . 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	50	78	iSS 39 ^m 53 ^s . China.
220	19	21	e 24 42		e 26 33	32.1	64		e 33 ^m 38 ^s . e 36 ^m 53 ^s . SS 43 ^m .8. SSS 48 ^m .6. Southeast of Falkland Islands.
221	20	5	i i 58 39	i 68 54	e 61 43	i 69 31	1.4	81	69 ^m 58 ^s . SS 74 ^m 13 ^s . 80 ^m .5. Formosa.
222	21	6	i i 39 28+	i 47 58	i 48 05		60.2	63	Kurile Islands.
223	22	4					38		
224	22	10	i e 18 44	i 27 17	e 21 13	e 27 24	39	64	Kurile Islands.
225	22	21	i i 52 23+	i 60 53	e 54 48	e 56 27	70.5	63	i 61 ^m 27 ^s . iScS 62 ^m 07 ^s . iSS 64 ^m 59 ^s . SSS 67 ^m .9. P (+ 2.5, + 1.2, + 2.5; - 7.0, - 2.0, - 8.0; + 7.5, + 2.0, + 7.8). Per. 8 ^s . 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 ^m 58 ^s . 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	60	64	
233	25	23	e 31 19	i 40 45	e 41 15		57	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 ^m 12 ^s . 26 ^m 59 ^s . 32 ^m 32 ^s . 36 ^m 00 ^s . No Gal. Z-record. Depth abt. 300 km. New Hebrides.
248	13	17			e 53 43	i 59 39			eSKKS 60 ^m 30 ^s . iPS 63 ^m 00 ^s . SS 69 ^m .0. 73 ^m .3. No Gal. Z-record. Molucca Islands region.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
	1952								
	July								
249	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 ^m 23 ^s . 32 ^m 28 ^s . 33 ^m 02 ^s . 36 ^m 43 ^s . No Gal. Z-record. Depth abt. 100 km. Destructive. Japan.	
253	18	18			e e 59.0	e 65 12	93	ePS 08 ^m 32 ^s . 69 ^m 50 ^s . SS 74 ^m .5. 82 ^m .5. No Gal. Z-record. Easter Island re- gion.	
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				13		
258	21	18					12		
259	21	20					35		
260	21	20					12		
261	21	22					04		
262	22	14					52	60 44 ^m .9. No Z-records. South Pacific Ocean. No Z-records. California.	
263	22	23			e 32.0	37.5	67		
264	23	0	e 48 36	e 56 47	57 00		50		
265	23	3					33		
266	23	4					18		
267	23	6					09		
268	23	8					24		
269	23	8					47	No Z-records. California.	
270	23	13		e 35 20	42 19				
271	24	11				.6			
272	24	22	e 20 08	i 28 55	29 18	29 58	.7	30 ^m 27 ^s . SSS 36 ^m .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 ^m 01 ^s . iSS 60 ^m 20 ^s . e 60 ^m 41 ^s . 76 ^m .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.	
	Aug.								
284	1	11					05		
285	1	13					36		
286	1	20						No Z-records.	
287	3	13	e 26 55	37.8	e 23.3	e 26 37	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					
	1952								
	Aug.								
291	7	17					04		
292	7	22	i e 04 23	e 13 13			19	67 Near coast of Hokkaido, Japan.	
293	9	10							
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				1.0	Kamchatka.	
298	13	14	e 39 52				51	Iran.	
299	14	16		e 25 13	28.6		72	Depth abt. 300 km. Sumatra.	
300	14	23			36.1	42 14		ePS 46 ^m 09 ^s . eSS 52 ^m .6. SSS 56 ^m .8. Solomon Islands.	
301	16	14			e 11.6	e 14 03	48	ePS 20 ^m 56 ^s . 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 ^m 16 ^s . SSS 29 ^m 51 ^s . Tibet.	
305	18	13			e 23.6	e 29.8	56	31 ^m 18 ^s . ePS 32 ^m 53 ^s . Central Chile.	
306	19	0					35		
307	19	11					02		
308	19	14	i 13 22				45	Lesser Antilles.	
309	19	19					36		
310	20	9							
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 ^m 11 ^s . iPS 42 ^m 27 ^s . e 42 ^m 52 ^s . e 44 ^m 22 ^s . i 46 ^m 42 ^s . i 47 ^m 45 ^s . 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				19	New Zealand.	
323	28	11	i 01 45				.8	Alaska.	
324	28	13					31		
325	28	15					49		
326	29	16							
	Sept.								
327	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					
331	1952 Sept. 22	9	<i>m s</i> e 34.6	<i>m s</i>	<i>m s</i>	<i>m s</i>	<i>h m</i>	°	No Gal. records. Deeper than normal. Off south coast of Japan. No Gal. records. California.
332	22	11	<i>e</i> 51 19				.0		
333	24	8					52		Near south coast of Alaska.
334	24	20		<i>e</i> 45 14	<i>e</i> 47 52		44		
335	28	2					26	74	<i>i</i> 19 ^m 39 ^s . <i>e</i> 21 ^m 38 ^s . China.
336	30	13	<i>i e</i> 03 36	<i>i</i> 13 08	<i>e</i> 13 37	<i>i</i> 18 32			
337	Oct. 1	8					40		
338	1	10					.1		Easter Island region.
339	1	12	<i>i</i> 34 11						
340	1	13					58		
341	3	7	<i>e</i> 48 26				73		Strong microseisms. Off south coast of [Panama.
342	6	19					54.8		Off east coast of Kamchatka.
343	6	22	<i>e</i> 39.6				59		Off west coast of Greece.
344	10	11	<i>e</i> 39 35				47		
345	10	16					19	64	Central Pakistan.
346	10	18	<i>e</i> 58 01	<i>e</i> 66 36	10.8	13.0			New Britain.
347	11	0			51.2	53 16	72		Near quake?
348	11	11	<i>e</i> 03 40						"
349	12	7	<i>e</i> 02 27						"
350	12	9	<i>e</i> 19 33		<i>e</i> 19 54				"
351	13	16	<i>e</i> 49 55						Greece.
352	14	0					.7		
353	15	0					33		
354	18	6					27		Strong microseisms.
355	19	3	<i>i</i> 42 23				44.3		" Iceland.
356	20	1	<i>e e</i> 09 15		<i>e</i> 14 51				" Off coast of La- brador.
357	21	2	<i>e</i> 42.3				70		Strong microseisms. Near Costa Rica.
358	21	2					53		"
359	25	15					06		"
360	26	8	<i>i</i> 52 11	<i>e</i> 61 24	<i>i</i> 52 17	<i>i</i> 53 20			<i>e</i> 62 ^m 26 ^s . <i>e</i> 62 ^m 43 ^s . <i>e</i> 64 ^m 05 ^s . 70 ^m 0. No Gal. E-record. Strong microseisms. Depth abt. 300 km. Near Japan.
361	26	16	<i>e</i> 04.0	<i>e</i> 13 29	<i>e</i> 06 07	<i>e</i> 18 04	26		Strong microseisms. Near coast of Japan.
362	26	18	<i>e e</i> 13 12	<i>i</i> 22 24	<i>e</i> 23 02		32	70	Repetition.
363	26	19	<i>i i</i> 30 30		<i>e</i> 31 00		55		"
364	27	3	<i>i e</i> 28 27	<i>i</i> 37 35	<i>e</i> 38 00		51	70	"
365	28	4	<i>e</i> 40 07	48 26			58	61	Strong microseisms. Destructive. Haiti.
366	28	6	<i>i</i> 42 15	<i>e</i> 51 27			72	70	" Near Japan.
367	31	17					.2		"
368	Nov. 2	0	<i>i</i> 04 32		<i>i</i> 07 45				Strong microseisms. Depth abt. 150 km. Fiji Islands region.
369	4	17	<i>i i</i> 08 17						Strong microseisms. Near Kamchatka.
370	4	18	<i>i</i> 38 49						Repetition.

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
371	1952 Nov. 4	20	<i>i i</i> 58 50						Disturbed by preceding quake. Repe- tition.
372	4	21	<i>i i</i> 10 41						Repetition.
373	4	22	<i>e</i> 02 58						"
374	4	22	<i>e</i> 22 50						"
375	4	22	<i>e</i> 29 11						"
376	4	23	<i>i</i> 39 04	<i>i</i> 47 13			64	60	Strong microseisms. Near Kamchatka.
377	5	2	<i>i</i> 30 01	<i>i</i> 38 10	39.8		49	60	" "
378	5	3	<i>e</i> 39 47	<i>i</i> 47 56			58	60	" "
379	5	4			<i>e</i> 45 24		48		"
380	5	6	<i>i</i> 07 58	<i>e</i> 16 17			25	61	" Kurile Islands.
381	5	10					04		"
382	5	11	<i>e</i> 44 33				1.1		" Kamchatka.
383	5	11	<i>i</i> 56 41				78		"
384	5	13	<i>e i</i> 16 18	<i>e</i> 24 09	24 29	26 06	32	57	"
385	5	14	<i>e</i> 20 57		23.5		27		"
386	5	14	<i>i</i> 58 48				81		"
387	5	19	<i>e</i> 18 18	<i>e</i> 26 01			36	55	"
388	5	20	<i>e</i> 40 33				62		"
389	5	21	<i>e</i> 56 12						"
390	5	22	<i>e</i> 55.9	64 02			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	<i>e</i> 32 07				55		"
398	7	4	<i>e</i> 05 21						"
399	7	12	<i>e</i> 19 01				40		"
400	7	13	<i>i</i> 51 35				72		"
401	7	14	<i>i</i> 18 33	<i>e</i> 26 40	27 04	31 06	38	59	34 ^m 01 ^s . Strong microseisms. Kam- chatka.
402	7	21	<i>e</i> 05 42				28		Gulf of California.
403	7	22	<i>e</i> 15 44	<i>e</i> 24 16			38	63	Strong microseisms. Kurile Islands.
404	7	23	<i>e</i> 31 37				1.4		Kermadec Islands.
405	8	2					48		Strong microseisms.
406	8	3	<i>e</i> 20 44						"
407	8	5					32		"
408	8	14	<i>e</i> 05 58						"
409	8	17					37		"
410	8	19	<i>e</i> 43 36	52 08			64	63	" Kurile Islands.
411	9	6	<i>e</i> 07 04						" Kamchatka.
412	9	15	<i>i</i> 41 45						" Kurile Islands.
413	10	1					33		"
414	10	6					41		"
415	10	20	<i>i</i> 36 25	<i>e</i> 44 28			57	58	Kamchatka.
416	10	22	<i>e</i> 04.0				27		"

Scoresby-Sund

No.	Date	Hour	Forerunners				L	△	Remarks
			P or PKP	S					
417	1952 Nov. 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		52	"	
423	11	19	e 30 38				27	"	
424	13	8	i 08 48-	e 17 00	i 08 52+		56	Strong microseisms. Kamchatka.	
425	13	16					58	"	
426	13	22	i 35 39-				31	"	
427	15	5	i 10 49				57	"	
428	15	5	e 32 57				43	Kamchatka.	
429	16	1	i 58 00						
430	16	4							
431	16	8			08 06*	14.7	38	Near New Guinea.	
432	17	12					40		
433	17	13	i 31 12-						
434	18	7	i 52 40-						
435	18	8	i i 23 37-	i 31 48	i 24 25	e 25 38	43	60 Kurile Islands region. Kamchatka. e 32 ^m 20 ^s . Kamchatka.	
436	19	9	e 45 56						
437	19	10	e 34 31						
438	20	5	e 33 19						
439	20	6					01	Tibet. Microseisms?	
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, Assam.	
448	28	5	i 46 01-						
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 ^m 48 ^s . e 38 ^m 08 ^s . 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	49	57 35 ^m 34 ^s . 37 ^m 26 ^s . 40 ^m 34 ^s . 42 ^m 32 ^s . 45 ^m 35 ^s . Kamchatka.	
453	29	23	i i 55 18-	i 62 22	i 56 32	i i 57 13	69.7	49 57 ^m 46 ^s . ScS 65 ^m 01 ^s . iSS 65 ^m 59 ^s . Off south coast of Alaska peninsula. Kodiak Island.	
454	30	6	e 44 02				63	"	
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					
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 ^m 12 ^s . 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 ^m 22 ^s . i 09 ^m 14 ^s . e 09 ^m 58 ^s . iPS 11 ^m 13 ^s . 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 ^m 15 ^s . ePPP 03 ^m 13 ^s . 08 ^m 03 ^s . ScS 09 ^m 52 ^s . SS 11 ^m 46 ^s . 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				"	
487	11	9	e 08 28	e 16 42	17 01	18 16	27	60 e 18 ^m 46 ^s . Strong microseisms. Kurile Islands.	
488	11	17			e _H 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		
494	17	23	i i 12 05+	i 18 34	i i 13 43	14 15	25	44 No Grenet record. Strong microseisms. ScS 22 ^m 14 ^s . 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	△	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 ^m 53 ^s . SSS 20 ^m 13 ^s . 22 ^m 18 ^s . No Grenet record. Strong microseisms. New Britain. Repetition.	
500	25	2					e 58	20			88			
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
506	26	15	e	00	03								Depth abt. 600 km. Fiji Islands.	
507	27	0	i	02	33								Depth abt. 300 km. Tyrrhenian Sea.	
508	27	1	e	35	45	e	43	50	37	58	44	08	56	59
509	28	5	e	03	06	e	09	17	e	04	56	e	13	11
510	28	15	e	03	29						13	56	16	41
511	28	15	e	15	29								19	23
512	29	2	e	19	26	e	27	52					49	
513	29	2	e	48	49								39	62
514	29	12	e	27	23									
515	29	23	e	39	32				e	41	20	e	42	09
516	30	12											38	
517	31	0	e	03	49									
518	31	1	e	48	47									Antilles region.
519	31	12	e	26	19									Kamchatka region.
520	31	14	e	56	42									Near Crete.
521	31	17	e	26	45									»
522	31	21	e	54	01									Kurile Islands.

November 1956

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