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DEPARTMENT OF MINES AND TECHNICAL SURVEYS

DOMINION OBSERVATORIES BRANCH

SEISMOLOGICAL SERVICE OF CANADA

Resolute Bay, N.W.T.

Seismological Bulletin

January - April

1952

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DOMINION OBSERVATORY

OTTAWA - CANADA

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SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

C. S. Beals, Dominion Astronomer

John H. Hodgson, Chief, Seismological Division

The Dominion Observatory seismograph station at RESOLUTE BAY, N. W. T.

φ = 74°41' N. λ = 94°54' W.

Time corrections daily from W.W.V. G.M.T. used throughout.

Foundation: early Palaeozoic limestone

The station operates the following instruments:

N-S component - Sprengnether Series H long period seismometer.
Period of seismometer and galvanometer = 14.1 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the north

E-W component - Sprengnether Series H long period seismometer
Period of seismometer and galvanometer = 13.5 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the east

Z component - Sprengnether Series DH short period seismometer
Period of seismometer and galvanometer = 1.4(3) seconds
Damping - critical
Synchronous magnification = 10,000 ca.
Up-trace indicates a compression.

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SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, North-west territories

January, 1952 No. 1

DATE	PHASE	h m s	REMARKS
1	P_Z	07 16 34	USCGS: Δ = 8800 km.
	S	07 26 34	3 1/2°S., 105°W.
			H = 07:04:36
1	P	15:27:02 d	USCGS: Bonin Island region
			H = 15:15:20
2	eP_Z	05 51.9	
	F_Z	05 57.0	
2	eP_Z	15 40.4	
	F_Z	15 42.0	
2	eP_Z	15 46 52	
	F_Z	15 53.0	
3	eP	06 14 10	USCGS: Δ = 6800
	e_Z	06 14 15	40 1/2°N., 40 1/2°E.
	e_Z	06 14 20	Erzurum Province, Turkey
	ePS_{NE}	06 22 44	H = 06:03:52
	e_N	06 26.2	
	e_E	06 26 46	
	eL	06 32 08	
	F	07.0	
3	eP	10 15 06	USCGS: Δ = 6500
	iP	10 15 07 c	16°N., 99°W.
	e_Z	10 15 15	H = 10:05:05
	e_Z	10 16 09	Mag. = 6 1/2
	eS	10 23 11	
	eL	10 35.7	
	F	11.0	
4	eP_Z	21 06.4	
	F_Z	21 08.0	
5	eP	09 47 05 d	
	F_Z	09 49.0	
6	eP	00 18 51	
	F_Z	00 20.0	
6	eP	04 07 45	
	F	04 11.0	
6	eP	14 40.5	
	F	14 42.0	
6	eP	15 57 52	USCGS: Δ = 6250 km.
	F	16 01.0	19°N., 72°W.
			H = 15:48:01
6	eP_Z	22 58.3	
	e_Z	23 00.3	
	F	23 02.0	

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January, 1952 No. 2

DATE	PHASE	h m s		REMARKS
6	$e P_Z$	23 34 01		
	F_Z	23 36.0		
7	$e P_Z$	03 24 45		
	F_Z	03 26.0		
10	eP	11 46 22		USCGS: Foreshock of Fox Island quake
	F	11 50.0		
11	eP	04 14 36	c	USCGS: Δ = 11,600
	e_Z	04 17.6		7°S., 145 1/2°E.
	e_Z	04 18 51		H = 04 00 35
	e_Z	04 19 34		
	e_Z	04 22 23		
	eS	04 24 57		
	e_N	04 33.0		
	F	04.7		
11	eP	07 12 15	c	USCGS: 45°N., 149°E.
	i_Z	07 12 16		h = 100 km.
	e_Z	07 12 24		H = 07:03:00
	e_Z	07 12 36		
	F	07 17.0		
12	$e P_Z$	20 18 33		USCGS: Δ = 3900
	i_{NEZ}	20 18 36		53°N., 167°W.
	e_Z	20 18 49		Fox Island, Aleutians
	e_Z	20 19 01		H = 20:11:38
	e_Z	20 19 20		
	e_E	20 19 50		
	$e P_c P_Z$	20 21 08		
	e	20 22 12		
	eS	20 24 08		
	e_E	20 24 30		
	e_N	20 26 15		
	$e L_N$	20 27 30		
	F	22.0		
13	eP	04 15 50		USCGS: Δ = 8800
	i_Z	04 15 55	c	22°N., 124 1/2°E.
	e_Z	04 18 42		East coast of Formosa
	$e P P_N$	04 19 03		H = 04:03:37
	e_{ZN}	04 20 17		
	iS	04 25 53		
	e_E	04 27 23		
	e_N	04 28 54		
	e_E	04 30.3		
	eL	04 35.8		
	F	06.0		
14	eP	00 08 16	Probably c	
	F_Z	00 14.0		
15	eP'	02 43 45	Probably d	USCGS: Central Burma
	e	02 44 14		H = 02:31:25
	i	02 45 02		
	e	02 45 20		
	e	02 45 29		
	eS	02 53 48		
	eNE	02 54 31		
	eSS	02 59 06		
	F	03.1		

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DATE	PHASE	h m s		REMARKS
15	eP	05 12 11		
	eZ	05 12 17		
	F	05 15.3		
15	eP	07 12 57	Probably c	USCGS: Δ = 8800
	eS	07 22 55		4°S., 81°W.
	eL	07 39.8		H = 07:00:53
	F	08.0		
18	eP	12 56 01	c	USCGS: Δ = 8300 km.
	F	13 00.0		1/2°S., 92°W.
				H = 12:44:18
19	eP	07 22 33	Probably c	USCGS: 52 1/2°N., 166°W.
	eS	07 28 12		Fox Islands, Aleutians
	e_E	07 29 26		H = 07:15:38
	eL_E	07 37.0		
	F	08.5		
19	eP	21 17 39		
	e	21 17 46		
	F_Z	21 20.0		
19	eP	23 21.2		
	F_Z	23 23.0		
20	eP	05 55 44		
	F_Z	05 57.0		
20	eP	08 19.8		
	F_Z	08 21.0		
20	eP	09 29.7		
	eZ	09 29 59		
	F	09 31.0		
20	eP	14 55.7		
	F	14 57.0		
21	iP	03 49 53	c	USCGS: Δ = 3850
	eZ	03 50 07		53°N., 166 1/2°W.
	e	03 50 51		h = 60 km.
	ePP	03 51 17		H = 03:43:04
	e	03 52 23		
	eS	03 55 22		
	e	03 57 41		
	e	03 58 01		
	eL	03 59 24		
	F	05.0		
23	iP	03 40 10	c	USCGS: Northern Kansu Prov., China
	iZ	03 40 16		H = 03:29:30
	iZ	03 40 41		
	e_{NE}	03 49 06		
	eL	04 04.5		
	F	04.3		
24	eP	09 21 03		
	eL	09 34.0		
	F	10.0		

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January, 1952

DATE	PHASE	h m s	REMARKS
25	eP	05 38.5	Amplitude builds up by steps from indefinite beginning. All readings from short period Z, no trace of disturbance on long period horizontals.
	e	05 38 40	
	e	05 41 44	
	e	05 43 33	
	i	05 43 52	
	F	05 51.0	
26	eP	04 58 22 Probably d	USCGS: Near Adak, Aleutians
	eS	05 04 22	H = 04:50:50
	eL	05 14.7	
	F	05.5	
26	eP	14 22 14	
	eL	15 00.0	
	F	15.6	
27	eP	01 54 45 c	
	F	01 58.0	
27	eP	05 56.5	
	F	05 58.0	
27	eP	09 26 44 d	USCGS: North Central China
	e	09 26 49	H = 09:15:48
	F	09 29.0	
28	eP	06 33 03 Probably c	
29	eP	01 08 44 c	
	e_Z	01 08 50	
	F	01 12.0	
30	iP	07 11 46 c	
	F	07 16.0	
31	eP	08 17 16 Probably d	
	F	08 21.0	
31	iP	20 26 41 c	USCGS: Δ = 6500
	i_Z	20 27 30	15 1/2°N., 93 1/2°W.
	e_Z	20 28 58	Near coast of Chiapas, Mexico
	e_Z	20 30 12	H = 20:16:43
	eS	20 34 43	h = 60 km.
	e_E	20 35 17	
	e_{NE}	20 36 24	
	e	20 37 10	
	eL	20 43.1	
	F	21.0	

R. E. Andrews
Seismologist-in-charge

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SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, North-West Territories

February, 1952 No. 5

DATE	PHASE	h m s		REMARKS
2	iP	10 27 33	c	USCGS: Δ = 44.0°
	iZ	10 27 44		51 1/2°N., 179°W.
	e	10 28 36		Andreanof Islands, Aleutians
	eNE	10 29 19		h = 100 km.
	eZ	10 29 44		H = 10:20:06
	iZ	10 33 22	c	
	eS	10 33 37		
	eL	10 36 45		
	F	11.0		
3	eP	01 27 26	c	
	F	01 30.0		
6	iP	05 37 57	c	USCGS: Kansu Province, China
	i	05 38 03		H = 05:27:10
	F	05 44.0		
6	eP	16 48 55		
	F	16 50.0		
8	eP	18 41 24		
	eZ	18 41 30		
	iZ	18 41 39		
	FZ	18 46.0		
10	eP	06 15 28		USCGS: 72 1/2°N., 2°E.
	eS	06 19 55		H = 06:10:05
	eSS	06 21 15		
	eL	06 23.8		
	F	06 35.0		
11	eP	07 14.4		USCGS: Δ = 12,100
	pP	07 16 47		6°S., 110°E.
	eZ	07 17 30		h = 700 km.
	iZ	07 18 20		Mag. = 7
	iZ	07 18 30		H = 07:01:04
	iZ	07 18 38		
	iZ	07 18 54		
	iZ	07 19 11		
	eZ	07 20 52		
	iZ	07 21 18		
	eNE	07 21 30		
	eZ	07 22 22		
	eNE	07 23 15		
	iSKS	07 24 00		
	iNE	07 25 00		
	iS	07 25 38		
	iSP	07 27 27		
	iNE	07 28 50		
	eZN	07 29 30		
	eNE	07 33 39		
	eNE	07 37 05		
	eL	07 44 31		

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DATE	PHASE	h m s	REMARKS
12	eP	02 10.5	
	F	02 12.0	
12	eP	02 55.5	
	F	02 57.0	
12	eP	05 52.6	
	F	05 54.0	
13	eP	22 25.1	
	F	22 28.0	
13	eP	02 30.3	
	F	02 32.0	
14	eP	03 52 36	USCGS: 8°S., 125°E.
	eZ	03 54 05	Flores Sea
	eZ	03 56 01	H = 03:38:06
	eNEZ	03 56 45	
	iPP	03 57 12	
	eE	04 01 12	
	eE	04 02 17	
	eSKS	04 03 22	
	eZ	04 03 45	
	eZ	04 16 00	
	F	06.5	
16	eP	20 29 06	
	F	20 31.0	
17	eNE	17 52 27	Beginning lost in changing of record
	eNE	17 56 22	
	eNEZ	18 03 10	
18	eP	01 32 11	
	F	01 34.0	
18	eP	07 34 57	
	F	07 37.0	
19	eP	05 06 22	
	F	05 10.0	
20	eP	02 07 10	
	F	02 09.0	
20	eP	09 22 57	USCGS: 16°S., 74°W.
	e	09 23 21	h = 150 km.
	F	09 26.0	H = 09:10:16
21	eZ	16 09 35	
	iZ	16 09 45	
	iZ	16 10 12	
	iZNE	16 12 32	
	iZ	16 12 40	
	iNEZ	16 12 18	
	iNEZ	16 14 29	
	i	16 16 50	
	F	16 22.0	
21	eP	23 53.9	
	eL	00 11 58	
	F	00 20.0	

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DATE	PHASE	h m s		REMARKS
22	e_Z	11 44 30		
	eZ	11 45 02		
	eZ	11 45 23		
	e_Z	11 48 52		
	e_{ZN}	11 52 08		
	eZ	11 52 23		
	e_{NE}	11 54 09		
	F	11 57.0		
23	eP	21 44 31		
	F	21 47.0		
24	eP	06 49 28		
	F	06 52.0		
24	eP	23 07 49		
	e	23 08 24		
	F	23 10.0		
25	eP	01 31 04	c	USCGS: Δ = 11,450
	eZ	01 31 15		17°S., 173 1/2°W.
	eNEZ	01 35 15		Tonga Islands
	e_E	01 38 46		H = 01:17:00
	eSKS	01 41 44		
	eS	01 42 48		
	e_E	01 44 27		
	e_N	01 44 44		
	e_E	01 49 50		
	e_E	02 03.0		
	F	04.0		
25	eP	18 51 49	Probably d	
	F	18 54.0		
26	iP	11 43 36	c	USCGS: Δ = 10,050
	iZ	11 43 50		15°S., 69°W.
	iZ	11 43 57		h = 300 km.
	ipP	11 44 15		H = 11:31:04
	iSP	11 44 39		
	iZ	11 45 03		
	eNE	11 46 50		
	iSKS	11 53 36		
	iS	11 54 05		
	eZN	11 55 07		
	esS	11 56 07		
	eSS	12 00 04		
	esSS	12 01 36		
	eL	12 07 13		
	F	14.0		
26	eP	15 49 46	c	USCGS: 11 1/2°N., 86 1/2°W.
	e_Z	15 49 58		Near coast of Nicaragua
	epP	15 49 14		h = 100
	eS	15 58 09		H = 15:39:23
	e_{NE}	15 58 43		
	e_{NE}	16 00 05		
	eL	16 05 54		
	F	17.0		

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February, 1952 No. 8

DATE	PHASE	h m s	REMARKS
27	eP	17 04 03	
	F	17 16.0	
28	eP	00 37 53 c	
	F	00 39.0	
28	eP	18 54 20 d	
	F	18 56.0	

R. E. Andrews
Seismologist-in-charge

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SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, North-West Territories

March, 1952 No. 9

DATE	PHASE	h m s	REMARKS
1	eP_Z	06 17 58 Probably c	Near northern coast of Celebes Island
	F_Z	06 20.0	H = 06:04:05
1	iP_Z	15 40 47 c	USCGS: Hokkaido Japan
	F_Z	15 44.0	H = 15:31:02
2	eP_Z	04 25 06	
	F_Z	04 27.0	
2	eP_Z	19 03 20	USCGS: Δ = 7000 km.
	F_Z	19 05.0	11°N., 86 1/2°W.
			Near coast of Nicaragua
			h = 100 km.
			H = 18:52:56
3	eP_Z	17 52 32	USCGS: Δ = 7000
	eL_N	18 14.0	11°N., 86 1/2°W.
	eL_E	18 16.0	Near coast of Nicaragua
			h = 100 km.
			H = 17:42:07
3	eP_Z	21 30.3	
	e_Z	21 30 29	
	F_Z	21 31.0	
4	iP	01 32 29 c	USCGS: 42 1/2°N., 143 1/2°E.
	i	01 32 41 c	Near east coast of Hokkaido, Japan
	iS	01 40 44	H = 01:22:41
	eL	01 48 09	
4	eP	02 18 11	
	F	02 20.0	
4	iP_Z	02 49 31 c	
	F_Z	02 51.0	
4	eP_Z	03 11 26	
	F_Z	03 13.0	
4	eP_Z	03 18 08	
	F	03 20.0	
4	eP_Z	03 21 48 c	
	F	03 23.0	
4	eP_Z	03 38 53	
	F	03 41.0	
4	eP_Z	03 45 25	
	F	03 47.0	
4	eP_Z	04 00 15	
	F	04 02	

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March, 1952 No. 10

DATE	PHASE	h m s	REMARKS
4	eP	04 03 15	
	iZ	04 03 17	
	iZ	04 03 22	
	F	04 07.0	
4	eP_Z	04 21 00	
	F_Z	04 23.0	
4	eP_Z	04 31 06	
	F_Z	04 33.0	
4	eP_Z	05 14 21	
	F_Z	05 16.0	
4	eP_Z	05 21 27	
	F_Z	05 23	
4	eP_Z	05 31.8	
	F_Z	05 33.0	
4	eP_Z	05 33 07	
	F_Z	05 35.0	
4	eP_Z	05 40 34	
	F_Z	05 42.0	
4	eP_Z	06 39 56	
	F_Z	06 41.0	
4	eP_Z	06 57 59	
	F_Z	06 59.0	
4	eP_Z	07 03 52	
	F_Z	07 05.0	
4	eP_Z	07 11 18	
	F	07 13.0	
4	eP_Z	08 13 51	
	F	08 15.0	
4	eP_Z	08 14 18	
	F	08 16.0	
4	eP_Z	09 55 09	
4	eP_Z	10 07 14	
	F_Z	10 09.0	
4	eP_Z	10 17 10	
	F	10 19.0	
4	eP_Z	13 34 28	
	F_Z	13 36.0	
4	eP_Z	13 59 55	
	F_Z	14 01.0	
4	eP_Z	14 29 27	c
	F_Z	14 31.0	
4	eP_Z	14 50 41	
	F_Z	14 52.0	

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952 No. 11

DATE	PHASE	h m s		REMARKS
4	eP_Z	14 55 36		
	F_Z	14 57		
4	eP_Z	16 36 57		
	F	16 38.0		
4	iP_Z	16 40 40	c	
	i	16 40 42		
	iS	16 48 31		
	iScS	16 50 30		
	eL	16 54.0		
4	eP_Z	17 27 42		
	F_Z	17 29.0		
4	eP_Z	18 00 39		
	e_Z	18 02 50		
	F	18 04.0		
4	eP_Z	18 36 16		
	e_Z	18 36 34		
	e_Z	18 36 44		
	F	18 40.0		
4	eP	19 44 30		
	F	19 50.0		
4	iP	20 05 59	c	USCGS: Δ = 6250 km.
	i_Z	20 06 07		42°N., 146°E.
	i_Z	20 06 24		Off east coast of Hokkaido, Japan
	i_Z	20 06 46		H = 19:56:10
	i_Z	20 17 22		
	F	20 20.0		
4	eP_Z	20 27 06		
	F	20 29.0		
4	eP_Z	20 31 52		
	F	20 35.0		
4	eP_Z	20 53 39		
	i_Z	20 53 46		
	F	20 57.0		
4	eP_Z	20 59 01	c	
	i	20 59 05		
	i	20 59 07		
	F	21 02.0		
4	eP_Z	21 04 26	d	
	F	21 08.0		
4	eP_Z	21 15 56		
	F	21 18.0		
4	eP_Z	23 01 39		
	F	23 04.0		
5	eP_Z	00 15 24	c	
	F	00 18.0		
5	eP_Z	00 32 46		
	F	00 34.0		

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952 No. 12

DATE	PHASE	h m s		REMARKS
5	eP_Z	01 30 00	c	
	F	01 34.0		
5	eP_Z	03 58 50	c	USCGS: Aftershock of Hokkaido quake
	i_Z	03 58 51		H = 03:49:03
	i_E	03 59 02		
	eS	04 06 42		
	eScS	04 08 42		
	e_E	04 11 00		
	eL_E	04 18.0		
	F	05.0		
5	eP_Z	04 25 00		
	F	04 27.0		
5	eP_Z	04 52 22		
	F	04 54.0		
5	eP_Z	05 06 54	c	
	e_Z	05 07 05		
	F	05 10.0		
5	eP_Z	05 47 18		
	i_Z	05 47 28		
	F	05 50.0		
5	eP_Z	07 41 31	c	
	e_Z	07 41 42		
	F	07 44.0		
5	ePZ	07 58 11		
	F	08 01.0		
5	eP_Z	08 14 42		
	F	08 16.0		
5	eP_Z	09 26 51		
	i_Z	09 26 52		
	eS	09 34 44		
	eL_E	09 42.6		
5	eP_Z	09 32 00	c	
	i_Z	09 32 09		
	F	09 36.0		
5	eP_Z	10 55 53		
	F	10 57.0		
5	iP	11 00 35	c	
	i_Z	11 00 50		
	eL_E	11 24.0		
	F_E	11 40.0		
5	eP	10 08 32		
	F	10 11.0		
5	eP_Z	11 28 46		
	e_Z	11 28 56		
	F	11 31.0		
5	eP_Z	15 55 13		
	F	16 01.0		

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952 No. 13

DATE	PHASE	h m s		REMARKS
5	iP	16 04 01	d	
	iZ	16 04 11		
	iZ	16 04 28		
	iNE	16 06 32		
	iNE	16 12 46		
	F	17.0		
5	eP	17 04 25		
	e	17 04 35		
	F	17 08.0		
5	eP	18 22 24		
	i	18 22 34		
	F	18 27.0		
5	eP	19 27 44		
	F	19 29.0		
5	ePZ	20 50 41		
	F	20 53.0		
5	ePZ	20 56.4		
	F	20 58.0		
5	ePZ	22 49 49		
	F	22 51.0		
5	ePZ	22 55 49	c	
	eZ	22 56 03		
	iZ	22 56 11		
	F	23.0		
6	ePZ	18 06 42	c	
	iZ	18 06 52		
	F	18 10.0		
6	ePZ	19 20 08		
	F	19 23.0		
6	ePZ	23 07 29		
	F	23 10.0		
6	ePZ	23 46 02		
	F	23 48.0		
7	eP	01 43 17		
	F	01 46.0		
7	eP	04 02 12		
	i	04 02 22		
	F	04 05.0		
7	eP	06 55 11		
	F	06 57.0		
7	ePZ	07 43 13		USCGS: 36°N., 136 1/2°E.
	iZ	07 43 14		Honshu, Japan
	eZ	07 43 37		
	eE	07 47 53		
	eE	07 48 23		
	eNE	07 51 50		
	eScS	07 53 01		
	eSS	07 56 00		
	eSSS	07 58 54		
	eL	08 02.0		
	F	09.0		

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952 No. 14

DATE	PHASE	h m s	REMARKS
7	ePZ	09 54 29	c
	eZ	09 54 41	
	F	09 59.0	
7	ePZ	11 24 26	c
	F	11 26.0	
7	iPZ	11 54 14	c
	F	11 58.0	
7	eP	16 39 16	
	F	16 41.0	
7	eP	18 25 40	c
	iZ	18 25 42	
	i	18 25 51	
	eL_E	18 45.2	
	F	19 15.0	
7	eP	19 04 25	
	F	19 06.0	
7	eP	19 26 30	
	i	19 26 42	
	F	19 29.0	
7	iP_Z	19 53 34	
	iZ	19 53 43	
	eL_E	20 15.6	
	F	20 45.0	
8	ePZ	07 07 49	
	eZ	07 07 57	
	eZ	07 15 31	
	eZ	07 17 36	
	eZ	07 19.8	
8	ePZ	07 39 19	d
	F	07 44.0	
8	eP	07 54 44	
	F	07 57.0	
8	eP	11 38 04	
	eZ	11 41 55	
	eL	11 46 44	
	F	12.0	
9	eP	05 49 28	
	e	05 49 32	
9	eP	08 11 45	Probably d
	eZ	08 11 53	
	eZ	08 12 07	
	F	08 15.0	
9	eP	16 45 56	c
	F	16 50.0	

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952 No. 15

DATE	PHASE	h m s		REMARKS
9	iP	17 13 34	c	USCGS: 42°N., 143 1/2°E.
	i_E	17 15 38		Hokkaido, Japan
	i_N	17 15 47		H = 17:03:43
	i_{NE}	17 17 17		
	iS	17 21 29		
	eL	17 33.6		
	F	19.0		
9	eP	20 05 11		USCGS: 59 1/2°N., 136°W.
	iZ	20 05 12		H = 20:00:47
	iS	20 09 19		Felt at Sitka, Alaska and at
	eL	20 10.0		Whitehorse, Teslin and Aishihik,
	F	21.0		Yukon Territory
10	iP	18 10 43	c	
	iZ	18 10 53		
	iZ	18 11 12		
	eL_E	18 47.0		
	F_E	19.0		
10	eP_Z	18 47 24		
	F_Z	18 50.0		
10	eP	19 13 02		
	F	19 15.0		
11	eP	00 42 22	d	
	F	00 45.0		
11	eP	03 20 58		
	F	03 23		
11	eP	20 47 08	c	
	iZ	20 47 09		
	iZ	20 47 20		
	eL_E	21 05.0		
	F	21.3		
11	eP	23 51 29		
	F	23 53.0		
12	eP	01 20 29		
	F	01 23.0		
12	eP	09 23 23	c	
	F	09 25.0		
12	eP	12 18 42		
	F	12 24.0		
13	eP	14 08 39	c	Long period horizontals obscured by
	iZ	14 08 40		large amplitude temperature wandering
	iZ	14 08 45		USCGS: Δ = 11,550
	iZ	14 09 45		28 1/2°N., 127°E.
	iZ	14 10 36		East China Sea
	iZ	14 10 57		h = 200 km.
	F	14 22.0		H = 13:57:26
13	eP	19 02 32		
	F	19 04		
14	eP	10 50 30		
	F	10 08.0		

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952

DATE	PHASE	h m s		REMARKS
14	eP	14 38 42		
	F	14 41.0		
14	iP	21 04 58	c	
	iZ	21 05 35		
	e_E	21 12 31		
	eL	21 27.0		
	F	22.0		
15	eP	11 03 02	c	
	F	11 05.0		
15	eP	11 34 20		
	eL_E	11 50.0		
	F_E	13.0		
16	iP	22 19 09	c	USCGS: 42 1/2°N., 144°E.
	iZ	22 19 17		H = 22:09:23
	iZ	22 19 43		
	eS_N	22 27 08		
	e_{NE}	22 28 53		
	eL	22 41.0		
	F	23.0		
18	eP	04 08 14	Probably c	USCGS: 19°N., 155 1/2°W.
	e_N	04 18 57		H = 03:57:35
	eL	04 29.0		
	F	04.7		
18	eP	05 11 32	c	USCGS: Hokkaido, Japan
	F	05 13.0		H = 05:01:45
18	eP	11 10 27	Probably c	USCGS: Δ = 10,750
	eZ	11 13 48		12°S., 168°E.
	eZ	11 14 43		Santa Cruz Islands
	F	11 18.0		H = 10:56:27
18	iP	21 42 18	c	Probably local shock
	i	21 42 20		
	F	21 43		
19	iP	01 37 31		USCGS: 40°N., 29°E.
	e_{NE}	01 46 15		Northwestern Turkey
	eL	02 01.0		H = 01:27:33
	F	02.1		
19	eP	09 13 40	c	USCGS: 41°N., 125°E.
	e_N	09 23 14		Korea - Manchurian border
	eL_N	09 33.0		H = 09:04:18
	eL_E	09 51.0		
	F	10.0		
19	iP	11 10 20	d	USCGS: Δ = 10,250 km.
	iZ	11 10 26		9 1/2°N., 127°E.
	iZ	11 11 12		Mindanao, Philippine Islands
	iPP_Z	11 14 05		H = 10:57:09
	iZ	11 14 47		
	iZ	11 15 17		
	$iPPP_Z$	11 16 02		
	eL_Z	11 36.0		
	F_{NE}	15.0		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
19	eP$_Z$	13 32 42 c	
	F	13 34.0	
19	eP$_Z$	14 52 17	
	F	14 54	
19	eP$_Z$	23 21 17	Probably Pd
	F	23 23.0	
20	eP$_Z$	08 07 31	
	F	08 10.0	
21	eP$_Z$	01 02 34 c	
	F	01 04.0	
21	eP$_Z$	03 59 46 c	
	F	04 01.0	
21	eP$_Z$	08 34 14	
	F	08 36.0	
21	eP	08 58 11	
	F	09 00.0	
21	eP	09 04 15	
	F	09 06.0	
21	eP	11 51 28	
	e$_Z$	11 55 27	
	F	11 58.0	
21	eP	14 18 07	
	F	14 20.0	
21	eP	16 24 37	USCGS: 11°S., 165°E.
	e$_Z$	16 28 41	h = 60
	e$_E$	16 35 14	H = 16:10:38
	eN	16 36 23	
	e$_E$	16 38 04	
	eL$_N$	16 42.3	
	eL$_E$	16 43.3	
	F	17.5	
21	eP	17 45 28	
	F	17 47.0	
22	eP	09 48 57	
	F	09 50.0	
22	eP	12 11 59 c	
	F	12 13.0	
22	eP	14 06 40 c	
	F	14 08.0	
22	eP	14 36 55 c	
	e$_Z$	14 36 56	
	e$_Z$	14 37 03	
	e$_Z$	14 40 02	
	F	14 43.0	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s		REMARKS
22	eP	18 23 04	c	USCGS: 52°N., 173°W.
	e_E	18 24 35		Andreanof Islands, Aleutians
	e_Z	18 25 04		H = 18:15:43
	eS	18 28 52		
	e_Z	18 29 09		
	e_Z	18 29 19		
	eL	18 36.0		
	F	19.5		
22	eP	19 07 00	c	
	e_Z	19 07 11		
	F	19 11.0		
23	eP	14 16 26		
	F	14 19.0		
23	eP	15 34 55		USCGS: Near Samar, Philippine Islands
	e_Z	15 38 54		H = 15:21:50
	e_E	15 45 17		
	eL_E	15 52 15		
	eL_N	15 53 01		
	F	16.5		
24	eP	12 28 06		
	F	12 30.0		
25	eP	00 36 19		
	F	00 38.0		
25	eP	03 45 46		USCGS: Near Crete
	F	03 47.0		H = 03:35:13
25	eP'	09 43 38		USCGS: Δ = 11,300
	e_{NE}	09 57 03		5 1/2°S., 150°E.
	eL_E	10 00.0		New Britain
	eL_N	10 21.0		H = 09:29:42
	F	10 45.0		
25	eP	16 33 06	c	
	F	16 35.0		
26	eP	03 53 26		USCGS: 5 1/2°N., 83°W.
	F	03 55.0		H = 03:42:15
26	eP	07 33 49		
	F	07 35.0		
27	eP	16 23 23		USCGS: Ascension Island Aegean
	F	16 28.0		H = 16:09:50
28	eP	01 13 59		
	F	01 16.0		
28	eP	02 13 24		
	F	02 15		
30	eP	05 51.0		
	F	05 56.0		
30	eP	13 25.8		
	F	13 28.0		

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952 No. 29

DATE	PHASE	h m s		REMARKS
30	eP	21 59 21	Probably c	
	F	22 01.0		
31	eP	06 30 44	d	
	F	06 34.0		
31	eP	08 24 51	c	
	F	08 26.0		
31	eP	23 02 04	c	USCGS: 55 1/2°N., 160°E.
	F	23 04		H = 22:54:15

R. E. Andrews
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, N.W.T.

April, 1952 No. 30

DATE	PHASE	h m s		REMARKS
1	e_Z	00 44.0		
	e_Z	00 48 45		
	e_Z	00 50 42		
	e_{NE}	00 51.9		
	i_Z	00 52 03		
	i_Z	00 53 17		
	e_{NE}	00 53 38		
	F	01.0		
1	eP_Z	12 26 38		
	e_Z	12 26 44		
	F	12 28.0		
1	e_N	14 34 22		USCGS: 15°S., 175 1/2°W.
	e_E	14 34.7		Samoa Islands
	e_E	14 37 23		H = 14:08:47
	eNE	14 41 22		
	eL	14 51.3		
	F	15 30		
1	eP_Z	14 56 15		
	F	14 58.0		
2	eP_Z	10 09 42		
	e_Z	10 09 58		
	F	10 11.0		
2	eP_Z	18 44 46	d	USCGS: 16 1/2°N., 99 1/2°W.
	eP_N	18 44 51		Near coast of Guerrero, Mexico
	iZ	18 44 54		H = 18:34:50
	e_Z	18 45 29		
	ePP_Z	18 46 56		
	eS	18 52 42		
	eL	19 05.0		
	F	19 30.0		
3	eP_Z	02 19.5		USCGS: 50 1/2°N., 129°W.
	e_{NE}	02 28 36		Off coast of Vancouver Island
	e_{NE}	02 29 15		H = 02:13:15
	e_N	02 30 09		
	e_E	02 30 36		
	e_N	02 31 12		
	F	02 36.0		
3	eP_Z	03 30 09	c	
	F	03 32.0		
3	iP_Z	23 02 37	c	
	i_Z	23 02 46		
	F	23 05.0		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s		REMARKS
4	iP	03 01 08	c	USCGS: 52°N., 159 1/2°E.
	i_Z	03 01 22		Near east coast of Kamchatka
	i_Z	03 01 46		H = 02:52:55
	i_{ZNE}	03 02 21		Δ = 4950 km.
	iPP	03 03 08		
	i_Z	03 04 12		
	eS	03 07 42		
	iPS	03 08 04		
	eSS	03 11 12		
	eL	03 13.0		
	F	03 45.0		
4	eP_Z	08 01 32	Probably d	USCGS: 23 1/2°N., 121°E.
	e_Z	08 02 12		Near east coast of Formosa
	F	08 05		H = 07:49:25
4	eP_Z	18 30 22	c	
	F	18 33		
5	eP	15 19 03		
	F	15 21.0		
7	eP	00 04 42	c	
	e	00 04 53		
	F	00 07.0		
7	eP_Z	16 46 17		
	e_Z	16 47 25		
	F	16 50.0		
7	eP_Z	20 54 27	d	
	F	20 56.0		
8	iP_Z	00 30 38	d	USCGS: 9°S., 70 1/2°W.
	e_Z	00 32 46		Western Brazil
	e_N	00 40 13		h = 600 km.
	F	00 45.0		H = 00:19:04
8	eP	03 02 48	c	
	F	03 05.0		
8	eP	03 15 24	c	USCGS: 53 1/2°N., 161°E.
	e_Z	03 15 33		Near east coast of Kamchatka
	eL	03 36.0		h = 60
	F	03 45.0		H = 03:07:30
8	eP_Z	10 13 27		USCGS: Sulu Sea
	e_Z	10 13 40		10:00:06
	e_Z	10 14 23		
	eS	10 24 00		
	e_{NE}	10 24 38		
	ePS	10 25 54		
	e_N	10 27 15		
	eSS	10 30 59		
	eL	10 38.0		
	F	11 30.0		
9	eP_Z	08 09 16		USCGS: 1000 miles S.W. of Galapagos Islands
	e_Z	08 09 26		
	eS	08 19 17		H = 07:57:10
	eL_N	09 32.0		
	eL_E	09 36.0		
	F	09 15.0		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s		REMARKS
9	eZ	16 36.9		USCGS: 35°.4N., 97°.8 W.
	eZ	16 45 47		Central Oklahoma
	iZ	16 46 35		H = 16:29:29.5
	iZ	16 47 46		h = 125 km.
	iZ	16 49 17		
	i_{NEZ}	16 49 35		
	i_{NE}	16 50 09		
	F	17.0		
10	eP_{ZNE}	06 09 14	c	USCGS: 25°N., 126°E.
	iZ	06 09 25		Ryukyu Islands
	iZ	06 09 37		H = 05:57:20
	eS	06 09 05		
	eSS	06 24 14		
	eL	06 30.0		
	F	07 23.0		
12	eP_Z	01 46.0		
	e_N	01 57 05		
	e_N	02 03.6		
	e_E	02 06.6		
	F	02 15.0		
12	eP_Z	02 58 44		
	F	03 00.0		
14	eP_Z	07 37 14		
	e_Z	07 37 22		
	e_Z	07 37 35		
	F	07 40.0		
14	eP_Z	21 31 58		
	eL_N	21 57.3		
	F	22.1		
14	e_Z	23 51.0		
	e_Z	23 54.8		
	F	23 58.0		
15	iP_{ZNE}	00 03 25	c	USCGS: 3 1/2°N., 126 1/2°E.
	i_Z	00 03 34		Molucca Passage
	e_Z	00 06 13		H = 23:49:45 (April 14)
	e_{ZNE}	00 07 17		
	e_{NE}	00 09 20		
	eS_E	00 14 04		
	e_N	00 14 39		
	ePS	00 16 20		
	eL	00 28.3		
	F	00 30.0		
15	iP_Z	06 09 38	c	USCGS: 43°N., 143 1/2°E.
	i_Z	06 09 59		Hokkaido, Japan
	i_Z	06 10 10		H = 05:59:53
	i_Z	06 10 26		Δ = 6200 km.
	e_Z	06 11 39		
	i_{NEZ}	06 17 30		
	e_N	06 17 56		
	iScS	06 19 23		
	iSS	06 21 24		
	eL	06 28.0		
	F	06.8		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s		REMARKS
15	ePZ	09 32.4		USCGS: Fiji Islands region
	eZ	09 33.4		H = 09:15:03
	F	09 39.0		
15	$eP'Z$	19 21 31		USCGS: 56°S., 24°W.
	eZ	19 21 41		Sandwich Islands region
	eZ	19 21 48		H = 19:02:12
	eZ	19 22 22		Δ = 15,400 km.
	eZ	19 23 11		
	eEZ	19 24 28		
	ePKS	19 25 12		
	eNE	19 27 01		
	eNE	19 29 31		
	eSKKS	19 31 16		
	eNE	19 34 33		
	ePPS	19 36 28		
	eSS	19 42 51		
	eNE	19 44 20		
	eSSS	19 48 06		
	eL	19 56.5		
	F	21.5		
16	iPZ	03 49 20	c	USCGS: 47°N., 154°E.
	eZ	03 50 01		Kurile Islands region
	eS	03 56 39		H = 03:40:19
	eSS	04 00 11		
	eL_E	04 02.5		
	eL_N	04 05.5		
	F	04.4		
16	ePZ	11 36 06	d	
	eZ	11 36 24		
	F	11 39.0		
16	ePZ	14 36 15		
	F	14 39.0		
16	ePZ	17 05 11		
	F	17 09.0		
17	ePZ	04 08 28	d	
	eZ	04 08 38		
	F	04 12.0		
18	ePZ	16 12 03	c	USCGS: 12°N., 140°E.
	iZ	16 12 18		Mariana Islands region
	eZ	16 12 45		H = 15:59:10
	eZ	16 13 24		
	eS	16 22 25		
	eSS	16 28 38		
	eL	16 34.0		
	F	17.0		
18	ePZ	17 08 27	c	
	F	17 12.0		
19	iPZ	10 09 54	c	USCGS: 7°N., 71 1/2°W.
	iZ	10 10 03		Columbia-Venezuela border
	$iPPZ$	10 10 20		h = 60
	$iNEZ$	10 12 24		H = 09:58:53
	eNZ	10 13 12		Δ = 7600
	iNE	10 18 56		
	iNE	10 19 55		
	eL	10 31.0		
	F	13.0		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s		REMARKS
19	ePZ	10 38 07		
	F	10 42.0		
19	eP	11 26.5		
	F	11 35.0		
19	ePZ	19 45 19		USCGS: Sandwich Islands region
	eZ	19 45 28		H = 19:26:12
	eZ	19 49 00		
	eL_E	20 30.0		
	eL_N	20 36.0		
	F	21.0		
20	ePZ	06 22 09	c	
	F	06 24.0		
20	ePZ	09 56.8		
	eL	10 56.0		
	F	11.5		
20	iPZ	13 27 47	d	
	eZ	13 27 55		
	F	13 30.0		
20	ePZ	17 10 55	c	
	F	17 15.0		
20	ePZ	21 13 31	Probably d	
	eZ	21 13 44		
	eL	22 10.0		
	F	22.5		
22	eZ	17 00.8		USCGS: 46°N., 111 1/2°W.
	eZ	17 06.5		Western Montana
	eZ	17 07.8		H = 16:54:42 1/2
	eZN	17 09 49		
	iZ	17 09 58		
	$iNEZ$	17 10 08		
	F	17 21.0		
22	ePZ	19 54 06		
	F	19 56.0		
23	eP	16 07 09		
	eL	16 29.0		
	F	17.0		
24	eP	16 22 03		
	e	16 26 49	d	
	F	16 30.0		
25	iPZ	06 12 52	c	USCGS: 8°N., 83°W.
	iZ	06 13 03		Near coast of Costa Rica
	eZ	06 13 16		H = 06:02:00
	eNE	06 21 45		Δ = 7400
	eL	06 37.5		
	F	07.0		
25	iPZ	07 16 40	c	USCGS: Near east coast of Hokkaido
	iZ	07 16 46		H = 07:06:50
	F	07 21.0		

International Seismological Centre From the ISC collection scanned by SISMOS

April, 1952 No. 35

DATE	PHASE	h m s		REMARKS
26	eP_Z	02 04 43		
	eZ	02 06 43		
	F	02 12.0		
27	eP_Z	08 31.1		
	eZ	08 31 56		
	F	08 35.0		
27	eP_Z	15 06 37		USCGS: 12°N., 143°E.
	iZ	15 06 38		H = 14:53:52
	F	15 10.0		
28	eP	01 20.7		USCGS: 300 miles N.E. of Jan Mayer Isl.
	eZ	01 20 45		H = 01:15:15
	eZ	01 20 50		
	eN	01 25 04		
	eL	01 28.6		
	F	01.7		
28	eZ	11 03 54		USCGS: 42 1/2°N., 143°E.
	iP_Z	11 04 04	c	Hokkaido, Japan
	iZ	11 04 13		H = 10:54:18
	iPcP	11 04 41		Δ = 6400
	iZ	11 05 36		
	eS	11 11 58		
	eScS	11 13 51		
	eNE	11 14 18		
	eL	11 19.0		
	F	13.0		
28	iP	19 05 42	c	USCGS: 51°N., 157°E.
	F	19 10.0		H = 18:57:15
29	iP_{NEZ}	02 46 53	c	USCGS: 26°N., 122 1/2°E.
	iZ	02 47 03		Off north coast of Formosa
	iNEZ	02 47 28		H = 02:35:00
	eNE	02 49 48		Δ = 8550
	eNE	02 51 25		
	iS	02 56 18		
	iNE	02 56 44		
	iNE	02 58 14		
	eNE	02 59 24		
	F	03.3		
30	eP_Z	01 05 27		
	F	01 08.0		
30	eP_Z	02 01.2		
	F	02 05.0		
30	eP_Z	02 14.6		
	eNE	02 19 42		
	eZE	02 23 42		
	eNE	02 24 00		
	eNE	02 24 30		
	eN	02 25 34		
	eE	02 25 50		
	F	02 32.0		

R. E. Andrews
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

RESOLUTE BAY SEISMIC STATION MICROSEISMS

Maximum double amplitudes of microseisms at six-hour intervals. Measurement in mms. taken at 00:00, 06:00, 12:00, 18:00 on each day's records (anomalous maxima are not used).

December, 1951

DATE	SPV	N-S	E-W
1	1.0	3.5	3.5
	.5	3.0	3.5
	.5	2.5	3.0
	1.0	3.0	2.5
2	1.0	2.5	2.5
	1.0	2.5	2.5
	.5	2.5	2.0
	.5	2.0	2.0
3	.8	3.0	2.0
	.6	4.0	2.5
	.7	4.0	3.0
	.8	3.5	2.5
4	.5	4.0	3.5
	.7	4.0	3.5
	.9	4.5	3.0
	.9	4.0	3.0
5	1.0	4.5	3.5
	1.0	5.0	5.0
	1.5	7.0	4.0
	1.2	7.0	4.5
6	1.5	5.0	3.5
	1.1	5.0	4.0
	.8	4.0	3.5
	.8	4.0	2.5
7	.6	2.5	2.0
	.5	3.0	2.0
	.8	3.0	2.0
	1.0	3.5	3.0
8	1.0	8.0	6.0
	1.7	9.0	7.5
	2.0	10.0	10.0
	2.0	8.0	7.0
9	1.0	5.0	5.0
	.9	3.5	4.0
	1.0	4.0	3.5
	1.8	5.5	5.0
10	1.2	6.0	5.5
	1.3	5.5	4.0
	1.0	5.0	4.5
	1.0	5.5	4.5
11	1.0	5.0	4.0
	1.0	6.0	3.5
	1.0	5.0	4.0
	.8	3.0	2.0
12	.8	2.0	2.0
	.6	2.0	2.0
	.9	4.0	4.0
	1.0	4.0	3.5
13	.8	3.0	2.5
	.9	2.0	2.0
	1.0	2.0	2.0
	.9	2.0	1.5
14	.7	3.0	2.5
	1.0	2.0	2.0
	.8	2.0	2.0
	.8	2.5	2.0
15	.7	2.0	2.0
	1.0	2.5	3.0
	.8	4.0	3.5
	1.0	3.0	3.0
16	1.0	4.0	3.0
	1.5	6.5	5.5
	1.5	7.0	7.0
	1.7	7.0	7.5
17	1.0	6.5	7.0
	1.1	6.5	5.5
	1.4	7.0	5.5
	1.0	6.0	6.0
18	.8	8.0	7.5
	1.2	14.5	8.5
	2.0	14.0	10.0
	1.8	12.5	7.0
19	1.0	8.0	5.0
	1.0	7.0	3.5
	1.5	6.0	4.0
	1.6	5.0	3.5
20	1.3	7.0	4.0
	1.8	9.0	2.5
	1.7	9.0	2.5
	1.1	5.0	3.0
21	1.0	4.5	2.5
	1.2	8.0	2.0
	1.0	6.0	2.0
	.8	4.0	2.5
22	1.0	3.0	3.0
	.9	3.0	3.0
	1.0	3.5	4.0
	1.0	4.0	4.0

International Seismological Centre From the ISC collection scanned by SISMOS

December, 1951

DATE	SPV	N-S	E-W
23	1.0	5.0	4.0
	1.0	3.5	4.0
	1.0	3.5	2.0
	.5	2.0	2.0
24	1.0	2.0	2.0
	.6	2.0	2.0
	.8	2.5	2.5
	1.0	3.5	5.0
25	1.0	3.5	3.0
	.8	3.0	3.0
	1.0	3.0	3.0
	1.0	5.0	5.0
26	1.0	6.5	7.5
	1.7	8.5	8.5
	1.5	9.0	10.0
	1.2	8.7	7.0
27	1.2	5.0	5.0
	1.2	4.5	3.5
	1.2	6.0	4.0
	1.2	4.0	3.5
28	1.1	3.5	4.0
	.7	3.5	2.5
	.8	2.0	2.5
	.7	3.0	3.0
29	.9	3.0	2.5
	.7	3.0	2.0
	.6	3.5	2.0
	.5	3.0	2.5
30	1.0	3.0	2.0
	.7	2.0	3.0
	1.0	4.0	3.5
	1.1	3.5	2.5
31	.6	3.5	4.5
	.6	---	---
	.7	---	---
	1.0	---	---

January, 1952

1	---	---	---
	---	---	---
	---	---	---
	.8	2.5	2.0
2	.7	2.5	1.5
	.8	2.5	2.0
	.8	3.5	3.0
	.9	4.0	---
3	1.0	5.0	3.0
	1.0	5.0	3.5
	.9	3.5	---
	1.2	3.0	---
4	1.1	3.5	2.5
	1.2	4.0	3.0
	1.1	4.0	3.0
	1.0	4.0	3.0
5	1.0	3.0	3.0
	1.0	3.5	3.0
	1.0	4.0	3.0
	.9	5.0	4.0
6	1.1	7.0	5.0
	1.8	8.0	6.0
	1.7	6.5	4.5
	1.5	4.0	3.0
7	1.0	3.5	3.5
	.9	3.5	3.5
	1.2	4.5	5.0
	1.7	7.0	---
8	2.0	10.5	9.0
	1.8	10.0	---
	1.8	6.0	---
	1.6	5.0	---
9	1.7	8.0	7.0
	2.0	11.0	8.0
	2.1	11.5	9.0
	1.8	11.0	8.0
10	1.9	9.5	8.0
	1.8	9.0	9.0
	1.9	9.0	8.0
	1.5	7.5	5.0
11	1.3	5.5	5.0
	1.7	5.5	5.5
	1.8	5.0	5.0
	1.5	5.0	4.5
12	1.5	3.5	5.0
	1.0	4.0	4.0
	1.2	4.0	3.5
	1.0	4.0	3.0
13	1.2	3.5	4.0
	1.2	5.0	5.0
	1.4	8.0	6.0
	1.5	8.0	7.5
14	1.5	8.5	6.0
	1.2	8.0	6.0
	1.2	6.5	4.5
	1.0	4.5	4.0

International Seismological Centre From the ISC collection scanned by SISMOS

January, 1952

DATE	SPV	N-S	E-W
15	1.0	5.0	3.5
	.8	5.0	4.0
	.9	4.0	3.0
	.7	4.0	2.5
16	.8	4.0	3.0
	1.1	4.0	3.5
	1.3	6.0	5.0
	1.1	8.0	6.5
17	1.2	7.0	7.5
	1.5	6.0	4.0
	.8	4.5	4.0
	1.1	4.0	2.5
18	.9	4.0	3.5
	1.1	3.5	3.0
	1.0	3.5	3.0
	1.2	4.0	2.0
19	1.1	4.0	4.0
	1.1	5.0	5.5
	1.2	6.0	4.5
	1.1	6.0	4.5
20	1.3	4.5	5.0
	1.3	4.5	4.0
	1.5	4.5	4.0
	1.5	5.0	3.5
21	1.3	5.0	4.5
	.8	6.0	4.5
	1.2	4.5	4.0
	1.0	4.5	4.5
22	1.0	4.0	4.0
	1.1	3.5	3.0
	1.0	3.5	3.0
	1.5	3.0	4.0
23	1.8	4.5	4.5
	1.5	6.0	4.0
	1.3	5.0	4.5
	1.0	4.5	3.0
24	1.2	3.5	2.5
	1.0	3.5	2.5
	1.2	4.0	2.5
	1.3	4.0	3.0
25	1.1	4.0	3.5
	1.4	5.0	3.0
	1.0	3.0	2.5
	1.0	3.5	3.0
26	.8	3.0	3.0
	.9	3.0	2.5
	1.0	2.5	2.5
	1.0	2.5	2.5
27	.6	2.0	2.0
	.6	2.0	2.0
	.8	2.5	2.0
	1.0	2.5	2.0
28	1.0	4.0	3.0
	.8	3.0	3.0
	.8	2.5	2.5
	.7	2.0	2.0
29	1.0	2.0	2.0
	1.0	2.0	2.0
	1.5	3.0	2.0
	1.5	2.5	2.0
30	1.0	3.5	2.5
	1.2	3.5	3.0
	1.2	3.5	2.5
	1.0	3.5	2.5
31	1.0	3.0	3.0
	1.2	3.0	3.0
	1.2	3.0	3.0
	1.0	3.5	3.5

February, 1952

DATE	SPV	N-S	E-W
1	1.2	5.5	4.5
	1.4	6.5	5.5
	1.5	6.5	7.5
	1.2	7.0	6.0
2	.9	5.5	5.0
	1.0	5.5	3.5
	.8	4.5	3.0
	.8	2.5	2.5
3	.7	2.5	2.0
	.7	2.0	1.5
	.7	2.0	1.5
	.7	2.0	1.5
4	.8	2.5	1.5
	1.0	2.5	2.0
	1.0	3.0	2.0
	1.0	4.0	2.5
5	---	---	---
	---	---	---
	---	---	---
	---	---	---
6	1.0	4.0	2.5
	1.0	6.0	4.0
	1.4	7.5	5.0
	1.1	7.0	5.5

International Seismological Centre From the ISC collection scanned by SISMOS

February, 1952

DATE	SPV	N-S	E-W
7	1.2	7.0	5.0
	1.3	6.0	4.5
	1.2	4.0	4.0
	1.0	5.0	3.0
8	1.5	7.0	6.5
	1.8	8.5	7.0
	1.4	7.0	4.5
	1.0	3.0	3.0
9	1.4	4.0	3.0
	1.5	5.5	5.0
	1.1	6.0	6.0
	1.4	5.0	4.5
10	1.1	4.5	4.0
	1.0	3.5	3.0
	1.0	3.5	5.0
	1.5	6.0	4.5
11	1.1	4.0	3.5
	1.0	4.5	4.5
	.8	4.5	4.5
	1.0	3.5	4.0
12	.8	4.5	3.5
	1.0	3.5	4.0
	1.2	4.5	3.5
	1.3	4.5	3.5
13	1.2	6.5	4.0
	1.4	7.0	4.0
	1.2	6.0	3.5
	1.2	6.0	3.0
14	1.2	4.5	3.0
	1.1	5.0	3.0
	1.3	7.0	4.5
	1.0	5.5	3.5
15	1.1	4.5	3.0
	1.3	3.5	2.5
	1.0	4.0	2.0
	.8	4.0	2.0
16	---	4.0	2.5
	---	3.0	2.0
	---	---	---
	---	---	---
17	1.0	2.5	1.5
	.9	3.0	1.5
	.8	3.0	2.0
	.7	3.0	1.5
18	.7	3.0	2.0
	1.0	4.5	2.0
	1.5	6.5	4.5
	1.8	9.5	5.0
19	2.4	11.0	6.0
	2.3	12.0	5.5
	1.7	12.0	6.0
	1.8	9.0	5.0
20	1.5	9.0	5.0
	1.5	8.0	4.0
	1.6	8.0	4.5
	1.6	9.5	4.5
21	1.7	9.5	3.5
	1.4	7.5	4.0
	1.3	6.0	3.5
	1.1	5.5	---
22	1.0	6.0	2.5
	1.1	4.5	3.0
	1.0	4.0	3.0
	1.3	5.5	3.5
23	1.3	6.5	4.0
	1.2	6.0	3.5
	.8	6.0	3.5
	.7	5.0	2.0
24	.7	3.5	2.0
	1.0	4.0	2.0
	.8	3.0	2.5
	.7	3.0	1.5
25	.7	2.5	2.0
	.8	2.0	2.0
	.8	3.0	2.0
	.8	6.0	3.0
26	.7	5.0	2.5
	.6	4.0	2.0
	1.2	3.5	2.0
	.7	2.5	2.5
27	1.3	3.0	2.0
	1.0	3.0	2.0
	1.1	4.5	2.5
	1.2	5.0	3.0
28	1.4	9.0	4.0
	1.8	12.0	6.0
	2.5	13.0	9.0
	2.3	13.0	10.0
29	1.8	9.0	5.0
	1.8	10.0	6.0
	1.4	8.0	4.0
	1.3	8.5	5.0

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952

DATE	SPV	N-S	E-W
1	2,0	12.0	6.5
	1.8	13.0	7.0
	2.0	15.0	8.0
	1.7	15.0	8.0
2	1.7	15.5	8.0
	2.4	16.0	9.0
	2.4	13.0	9.0
	1.7	13.0	8.5
3	2.0	15.0	6.0
	1.5	14.0	5.0
	1.7	8.5	4.5
	1.3	7.0	4.0
4	1.2	7.5	4.0
	1.0	6.5	3.0
	.9	---	3.0
	1.1	---	2.5
5	1.1	6.5	3.5
	1.0	7.5	4.0
	.9	7.0	3.5
	.9	7.5	4.0
6	1.3	6.0	4.0
	1.3	7.5	4.0
	1.9	10.0	5.0
	1.4	8.0	5.5
7	1.3	6.5	4.0
	.8	5.0	3.0
	.8	4.0	2.5
	.8	3.5	2.0
8	.8	4.0	1.5
	1.0	3.5	1.5
	.7	3.0	2.0
	.7	3.0	2.0
9	.7	3.0	2.5
	.7	4.0	2.0
	.9	5.0	2.5
	.7	5.0	2.5
10	.8	3.5	2.5
	.6	3.5	2.0
	.6	3.5	2.0
	.7	3.5	2.0
11	.6	3.0	2.5
	.5	4.0	2.0
	.7	4.0	2.0
	.7	4.5	2.5
12	1.0	4.0	3.0
	1.0	7.0	3.0
	1.2	14.5	8.0
	1.5	19.0	10.5
13	1.3	16.0	4.5
	1.3	---	---
	1.0	---	---
	.9	7.0	4.0
14	1.2	8.5	4.5
	1.0	6.0	4.0
	1.2	7.0	4.5
	1.2	11.0	5.5
15	1.5	8.5	5.5
	1.6	10.0	5.0
	1.3	9.5	5.0
	1.2	6.5	3.5
16	1.5	5.0	3.0
	1.2	4.0	3.0
	1.2	4.0	3.0
	1.0	4.5	2.5
17	1.1	4.0	3.0
	1.2	4.5	2.5
	1.0	4.5	3.5
	1.1	3.5	2.5
18	1.2	4.0	3.0
	.8	4.5	3.0
	1.0	5.0	3.5
	1.0	5.0	3.0
19	1.2	5.0	3.0
	1.2	6.0	4.5
	1.5	6.0	5.0
	1.3	9.0	6.0
20	1.3	6.0	---
	1.2	5.0	---
	1.2	5.0	---
	1.0	5.0	---
21	.8	3.5	2.0
	1.1	3.0	2.0
	.8	2.5	1.5
	.5	2.0	1.5
22	.7	2.0	1.5
	1.0	2.0	1.5
	.6	2.0	1.5
	.7	2.5	2.0
23	1.0	2.5	2.0
	1.0	3.0	2.5
	1.0	4.5	2.5
	1.0	3.0	2.0
24	.8	2.5	2.0
	1.0	2.0	1.5
	.8	2.0	1.5
	1.0	2.0	1.5

International Seismological Centre From the ISC collection scanned by SISMOS

March, 1952

DATE	SPV	N-S	E-W
25	.7	2.0	1.0
	.7	2.0	1.0
	1.0	2.5	1.5
	1.0	3.0	1.5
26	1.3	4.0	2.0
	1.1	4.0	2.5
	1.0	3.0	2.0
	1.0	3.0	1.5
27	1.1	2.5	2.0
	1.0	3.0	2.0
	.7	2.5	2.0
	.8	2.5	2.0
28	.7	2.5	1.5
	.8	2.5	1.5
	.8	2.0	2.0
	.7	2.5	2.0
29	1.0	3.5	3.0
	1.1	4.5	3.0
	.7	4.0	2.5
	.7	3.5	2.0
30	1.1	2.0	3.0
	.8	2.0	3.5
	.7	2.5	3.5
	.7	2.0	3.0
31	.7	3.5	2.5
	.7	3.0	2.0
	.7	2.5	2.0
	.7	2.5	1.5

April, 1952

1	.6	2.0	1.5
	.6	2.0	1.5
	.7	2.0	1.5
	.6	2.0	1.5
2	.8	2.0	1.0
	.9	2.0	1.0
	.6	2.0	1.5
	.7	2.0	1.5
3	.7	2.0	1.5
	.8	2.0	2.0
	.9	2.0	2.0
	1.1	4.0	3.0
4	1.1	3.0	2.5
	1.1	3.5	2.0
	1.0	4.0	2.0
	.9	3.0	2.0
5	.9	3.5	2.0
	.7	3.0	2.5
	.7	2.5	1.5
	.7	2.5	1.5
6	.7	2.0	1.5
	.7	1.5	1.0
	.7	1.5	1.0
	.9	1.5	1.0
7	.7	2.0	1.5
	.8	2.0	1.0
	.7	2.0	1.0
	.7	2.0	1.0
8	.7	2.0	1.5
	.7	2.5	1.5
	.7	2.0	1.0
	.8	2.0	1.0
9	.6	1.5	1.0
	.6	1.5	1.0
	.5	1.5	1.0
	.5	1.5	1.0
10	.5	1.5	.5
	.5	1.5	.5
	.6	1.5	.5
	.6	1.5	.5
11	.6	1.5	.5
	.5	1.5	1.0
	.6	1.5	1.0
	.5	1.5	1.0
12	.6	2.0	1.0
	.6	2.0	1.0
	.5	2.0	1.0
	.6	2.0	1.0
13	.8	1.5	1.0
	.7	2.0	1.0
	.5	2.0	1.0
	.5	2.0	1.0
14	.6	1.5	1.0
	.6	1.5	1.0
	.5	1.5	1.0
	.5	1.5	1.0
15	.6	1.5	.5
	.6	1.0	.5
	.5	1.5	1.0
	.6	2.0	1.0
16	1.0	3.0	2.0
	1.2	4.0	2.0
	1.3	6.0	2.5
	1.3	7.0	3.5

International Seismological Centre From the ISC collection scanned by SISMOS

April, 1952

DATE	SPV	N-S	E-W
17	1.2	7.0	3.5
	1.2	8.0	2.5
	1.4	6.0	2.5
	.7	4.5	2.0
18	.8	3.0	1.5
	.7	3.0	1.5
	.7	3.0	1.0
	.5	2.5	1.0
19	.6	2.0	1.0
	.7	2.0	1.0
	.6	1.5	1.0
	.6	2.0	1.0
20	.7	2.0	1.0
	.6	2.0	1.0
	.6	2.0	1.0
	.6	2.5	1.0
21	.5	3.0	1.0
	.8	3.0	1.5
	.7	2.5	2.0
	.7	3.0	1.5
22	.7	3.0	1.0
	.6	2.5	1.0
	.7	2.0	1.0
	.6	2.0	1.0
23	.5	2.0	1.0
	.5	1.5	1.0
	.5	1.5	1.0
	.5	1.5	1.0
24	.5	1.5	1.0
	.5	1.5	1.0
	.5	1.5	1.0
	.5	1.5	1.0
25	.6	2.0	1.0
	.6	2.0	1.0
	.7	1.5	1.0
	.6	1.5	1.0
26	.7	2.0	1.5
	.7	2.5	1.5
	.9	4.0	2.5
	.9	6.0	2.5
27	.7	4.5	2.0
	.6	3.5	2.0
	.5	2.5	1.5
	.5	2.0	1.0
28	.5	2.0	1.0
	.5	2.0	1.0
	.5	1.5	1.0
	.5	1.5	1.0
29	.6	1.5	1.0
	.7	1.5	1.0
	.6	1.5	1.0
	.7	1.5	1.0
30	.6	2.0	1.0
	.7	3.0	1.5
	1.0	3.0	1.5
	1.2	5.0	2.0

R. E. Andrews
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

DOMINION OBSERVATORIES BRANCH

SEISMOLOGICAL SERVICE OF CANADA

Resolute Bay, N.W.T.

Seismological Bulletin

May - July

1952

000

DOMINION OBSERVATORY

OTTAWA - CANADA

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

C. S. Beals, Dominion Astronomer

John H. Hodgson, Chief, Seismological Division

The Dominion Observatory seismograph station at RESOLUTE BAY, N. W. T.

φ = 74°41' N. λ = 94°54' W.

Time corrections daily from W.W.V. G.M.T. used throughout.

Foundation: early Palaeozoic limestone

The station operates the following instruments:

N-S component - Sprengnether Series H long period seismometer.
Period of seismometer and galvanometer = 14.1 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the north

E-W component - Sprengnether Series H long period seismometer
Period of seismometer and galvanometer = 13.5 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the east

Z component - Sprengnether Series DH short period seismometer
Period of seismometer and galvanometer = 1.4(3) seconds
Damping - critical
Synchronous magnification = 10,000 ca.
Up-trace indicates a compression.

International Seismological Centre From the ISC collection scanned by SISMOS

RESOLUTE BAY SEISMIC STATION MICROSEISMS

Maximum double amplitudes of microseisms at six-hour intervals. Measurement in mms. taken at 00:00, 12:00, 18:00 on each day's records (anomalous maxima are not used.)

May, 1952

DATE	SPV	N-S	E-W	DATE	SPV	N-S	E-W
1	1.3	4.5	2.0	12	.6	1.5	1.0
	1.1	4.0	2.0		.6	1.0	.5
	1.1	3.0	1.0		.6	1.0	.5
	0.7	2.5	1.0		.6	1.0	.5
2	.7	1.5	1.0	13	.8	1.0	.5
	.7	2.0	1.0		.7	1.0	.5
	.9	3.0	1.5		.7	1.0	.5
	.9	3.5	2.0		.7	1.0	.5
3	.7	2.5	1.5	14	1.0	1.5	.5
	.6	2.0	1.0		.9	1.5	.5
	.7	2.0	1.0		1.2	1.5	.5
	.6	1.5	1.0		1.2	1.5	.5
4	1.0	1.5	1.0	15	1.1	1.5	.5
	1.0	1.5	1.0		.7	1.5	.5
	1.1	2.0	---		.7	1.5	.5
	1.0	1.5	1.0		.6	1.5	.5
5	1.3	1.5	.5	16	.6	2.0	.5
	1.3	1.0	.5		.8	2.0	.5
	1.1	1.0	.5		1.0	2.0	.5
	1.0	1.0	.5		1.1	1.5	.5
6	1.0	1.0	.5	17	1.1	2.0	.5
	.7	1.0	.5		1.1	2.0	.5
	.9	1.0	.5		1.2	2.0	.5
	.8	1.0	.5		1.1	2.0	.5
7	.8	1.0	.5	18	1.1	2.0	1.0
	1.1	1.0	.5		1.0	2.0	1.0
	1.0	1.0	.5		.9	2.0	1.0
	.8	1.5	1.0		.9	2.0	1.0
8	.8	1.0	.5	19	.7	1.5	.5
	.7	1.0	.5		.6	1.5	.5
	.6	1.0	.5		.6	1.0	.5
	.6	1.0	.5		.6	1.0	.5
9	.5	1.0	.5	20	.6	2.0	1.0
	.6	1.0	.5		.9	1.5	.5
	.4	1.5	.5		.7	1.0	.5
	.4	1.5	.5		.7	1.0	.5
10	.5	1.0	.5	21	.5	1.0	.5
	.6	1.0	.5		.4	1.0	.5
	.6	1.0	.5		.5	1.0	.5
	.5	1.5	.5		.3	1.0	.5
11	.5	1.5	1.0	22	.5	1.5	.5
	.5	2.0	1.0		.5	2.0	.5
	.5	2.0	1.0		.7	2.5	1.0
	.5	1.5	.5		.9	2.0	1.0

International Seismological Centre From the ISC collection scanned by SISMOS

May, 1952

DATE	SPV	N-S	E-W
23	.8	2.0	1.0
	1.1	2.0	1.0
	1.1	1.5	1.0
	.9	1.5	1.0
24	1.0	1.5	1.0
	1.2	1.0	1.0
	1.1	1.0	.5
	.7	1.0	.5
25	1.1	1.0	.5
	1.1	1.0	.5
	.9	1.0	.5
	.7	1.0	.5
26	.5	1.0	.5
	.4	1.0	.5
	.7	1.0	.5
	1.0	1.0	1.0
27	1.1	1.0	.5
	.8	1.0	.5
	.7	1.0	.5
	.9	1.0	.5
28	1.5	1.0	.5
	1.4	1.0	.5
	1.1	1.0	.5
	1.3	1.0	.5
29	1.7	1.0	.5
	1.7	1.0	.5
	1.7	1.0	.5
	1.6	1.0	.5
30	1.6	1.0	.5
	1.0	1.0	.5
	1.1	1.0	.5
	1.3	1.0	.5
31	1.3	1.0	.5
	.7	1.0	.5
	.6	1.5	.5
	.7	1.0	.5

June, 1952

DATE	SPV	N-S	E-W
1	.7	1.5	.5
	.7	1.5	.5
	.7	2.0	1.0
	.8	3.0	1.5
2	.8	5.0	2.5
	.9	5.0	2.5
	1.1	4.0	2.0
	1.2	4.0	2.0
3	1.1	3.5	1.5
	1.0	2.5	1.5
	1.1	2.5	1.0
	1.0	1.5	.5
4	.8	1.0	.5
	1.0	1.0	.5
	1.2	1.0	.5
	1.1	1.0	.5
5	.7	1.0	.5
	.8	1.0	.5
	.7	1.5	.5
	.7	2.0	1.0
6	.8	1.5	.5
	---	1.5	.5
	---	1.0	.5
	.4	1.0	.5
7	.4	1.0	.5
	.4	1.0	.5
	.4	1.0	.5
	.4	1.0	.5
8	.4	1.0	.5
	.4	2.0	1.0
	.6	6.0	2.5
	.6	4.5	3.0
9	.7	4.5	2.0
	.6	4.0	1.5
	.6	3.0	1.0
	.6	3.0	1.0
10	.7	2.5	1.0
	.8	2.0	1.0
	1.0	2.0	1.0
	.8	2.0	1.0
11	.7	1.5	1.0
	.5	1.5	.5
	.5	1.0	.5
	.5	1.0	.5
12	.6	1.0	.5
	.8	1.0	.5
	1.2	1.0	.5
	1.3	1.0	.5
13	1.2	1.0	.5
	1.1	1.0	.5
	1.1	1.0	.5
	1.2	1.0	.5
14	1.4	2.0	1.0
	1.3	4.0	2.0
	1.3	4.0	2.5
	1.5	3.0	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

June, 1952

DATE	SPV	N-S	E-W	DATE	SPV	N-S	E-W
15	1.3	2.5	1.5	23	1.0	1.0	.5
	1.0	2.0	1.0		1.2	1.0	.5
	.9	1.5	.5		1.2	1.0	.5
	.7	1.0	.5		1.1	1.0	.5
16	1.1	1.0	.5	24	1.2	1.0	.5
	1.2	1.0	.5		1.3	1.0	.5
	.9	1.0	.5		1.2	1.0	.5
	.5	1.0	.5		1.0	1.0	.5
17	.6	1.0	.5	25	1.0	1.0	.5
	.7	1.0	.5		.9	1.0	.5
	.7	1.0	.5		1.0	1.5	1.0
	.7	1.0	.5		1.0	2.0	1.0
18	.7	1.0	.5	26	1.1	2.0	1.0
	.7	1.0	.5		1.0	2.0	1.0
	.8	1.0	.5		1.0	2.0	1.0
	.8	1.0	.5		1.1	2.0	1.0
19	1.0	1.0	.5	27	1.0	1.5	1.0
	1.3	1.0	.5		1.1	1.5	1.0
	1.1	1.0	.5		1.1	1.5	.5
	1.1	1.0	.5		1.1	1.5	.5
20	1.2	1.0	.5	28	1.1	1.0	.5
	1.4	1.0	.5		1.0	1.0	.5
	1.0	1.0	.5		.8	1.0	.5
	.8	1.0	.5		.8	1.0	.5
21	.7	1.0	.5	29	.7	1.0	.5
	.7	1.0	.5		.8	1.0	.5
	.7	1.0	.5		.7	1.0	.5
	.8	1.0	.5		.9	1.0	.5
22	1.0	1.0	.5	30	.7	1.0	.5
	1.0	1.0	.5		1.0	1.5	.5
	1.0	1.0	.5		1.3	1.5	.5
	1.0	1.0	.5		1.1	1.5	.5

R. E. Andrews
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, CANADA

STATION: Resolute Bay, North-west Territories

May, 1952 No.36

DATE	PHASE	h m s	REMARKS
1	eP	15 12 00 c	U.S.C.G.S.
	e_Z	15 12 13	Near Islands, Aleutian Islands
	eS_N	15 18 11	H=15 04 07
	e_Z	15 18 25	
	e_N	15 21 11	
	eL	15 27.0	
	F	15.7	
1	eP	16 20 02	U.S.C.G.S.
	eS_N	16 27 34	28°N 43-1/2°W
	eL	16 38.0	North Atlantic Ocean
	eL	16 38.0	H=16 10 41
	F	16.7	
1	eP	16 43 22	
	F_Z	16 45.0	
2	eP	11 24 20 c	U.S.C.G.S. 36°N, 140°E
	F_Z	11 27.0	Honshu, Japan
			h=200 km H=11 14 04
3	eP	12 27 11 c	U.S.C.G.S. 15°S, 76-1/2°W
	P_Z	12 31.0	off coast of Southern Peru
			H = 12 14 09
4	eP	17 28 05	U.S.C.G.S.
	eS_{NE}	17 33 44	
	eL	17 37.7	
	F	17.8	
4	e_E	22 53 13	
	e_{NE}	22 56 11	
	e_{NE}	22 56 35	
	e_N	22 57 19	
	e_{NE}	23 00 15	
	F	23 16.0	
7	e_N	16 25 38	
	e_{NEZ}	16 29 24	
	e_E	16 29 32	
	e_{NE}	16 29 56	
	e_{NE}	16 30 35	
	e_{ZE}	16 31 33	
	F	16 39.0	
8	eP	01 09 13	Prob. d
	eZE	01 09 17	U.S.C.G.S. 35-1/2°N 140°E
	ipP_Z	01 09 32	Honshu, Japan
	i_Z	01 09 47	h = 60 km
	iS_{NE}	01 17 47	H = 00:58:40
	i_{NE}	01 19 03	Δ = 7150
	i_N	01 19 33	
	e_N	01 21 45	
	eL_N	01 30.0	
	eL_E	01 31.0	
	F	01 48.0	

International Seismological Centre From the ISC collection scanned by SISMOS

May, 1952

DATE	PHASE	h m s	REMARKS
8	eP	21 24 25	U.S.C.G.S
	i_Z	21 24 34	2-1/2°N, 127°E
	e_Z	21 27 39	Molucca Passage
	e_Z	21 27 59	H = 21 10 40
	e_Z	21 28 16	Δ = 11,000
	e_N	21 28 34	
	e_{NE}	21 28 55	
	$ePPP_N$	21 30 50	
	e_E	21 32 40	
	$eSKS_{NEZ}$	21 34 58	
	eS_{NE}	21 35 49	
	e_N	21 36 26	
	ePS_E	21 37 34	
	e_N	21 40 58	
	e_N	21 42 00	
	e_{NE}	21 42 38	
	e_N	21 44 20	
	e_{NE}	21 46 33	
	eL_E	21 49.5	
	eL_N	21 50.5	
	F	23.7	
9	eP	15 38 44 d	
	eL	15 51.4	
	F	16.0	
9	eP_Z	18 01 30	U.S.C.G.S. 6-1/2°S, 155°E
	epP_Z	18 01 50	Solomon Islands
	e_Z	18 04 54	h = 60 km
	e_{ZE}	18 05 42	H = 17 47 40
	e_Z	18 08 00	
	e_N	18 08 54	
	eS_E	18 12 03	
	eSS_{NEZ}	18 18 02	
	eL_Z	18 25 53	
	F	20.5	
10	eP_Z	09 34 39	
	eL_{NE}	09 59.7	
	F	10 10.0	
10	eP	14 32 37 c	
	e_Z	14 32 44	
	i_Z	14 32 47	
	i_Z	14 33 00	
	F	14 35.0	
10	eP	17 17 51 c	
	e_Z	17 18 13	
	e_Z	17 21 29	
	e_Z	17 22 11	
	F	17 24.0	
13	eP	19 42 15 Prob.c	U.S.C.G.S. 10-1/2°N, 85°W
	epP_Z	19 42 37	Costa Rica
	e_N	19 42 48	h = 100 km
	e_N	19 42 56	H = 19 31 45
	ePP	19 44 39	Δ = 7050 km
	$ePPP_{NE}$	19 46 14	
	eS_{NE}	19 50 40	
	esS_{NE}	19 51 23	
	e_N	19 52 25	
	eL	20 00.0	
	F	21.7	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
14	iP	00 46 41 c	U.S.C.G.S
	i_Z	00 46 50	43°N 145-1/2° E
	i_{NZ}	00 47 20	Hokkaido, Japan
	iS_{NES}	00 54 35	H = 00 36 59
	$eScS_N$	00 56 35	Δ = 6200
	e_N	00 57 31	
	eL	01 04.0	
	F	02.3	
14	iP	21 21 31 d	U.S.C.G.S.
			16-1/2° N, 86-1/2°W
		21 21 37	Off north coast of Honduras
	i_Z	21 22 02	H = 21:11:36
	e_Z	21 22 51	Δ = 6400 km
	eS_{NE}	21 29 40	
	eScS	21 31 18	
	e	21 33 30	
	eL	21 37.8	
	F	22.3	
15	iP	10 37 54 d	U.S.C.G.S.
	e_Z	10 38 01	Luzon, Phillippine Islands
	F_Z	10 41.0	H = 10 25 25
15	eP	11 15 34 c	U.S.C.G.S.
	e_Z	11 16 01	Rat Island, Aleutians
	F_Z	11 19.0	H = 11 07 45
15	iP	18 24 58 d	
	F_Z	18 27.0	
15	eP	18 54 06	U.S.C.G.S.
	eS_N	19 02 19	14°N, 92-1/2°W
	e_E	19 09 53	Near coast of Guatemala
	eL_N	19 10.5	H = 18 43 52
	eL_E	19 11.5	Δ = 6650 km
15	eP	21 44 41 c	U.S.C.G.S.
	eS_E	21 51 08	Rat Island, Aleutians
	eL	21 57.5	H = 21 36 48
	F	22.3	
16	eP	02 58 35	
	e_Z	02 58 47	
	F	03 01.0	
16	eP	05 52 19 c	U.S.C.G.S.
	e_Z	05 53 05	14°N, 92-1/2°W
	eS_N	06 00 33	Near Coast of Guatemala
	e_N	06 04.3	H = 05 42 09
	eL	06 08.0	
	F	06.8	
16	eP	10 20 56	
	i_Z	10 21 01	
	e_Z	10 21 14	
	e_N	10 31.2	
	eL	10 50.0	
	F	11.1	
16	eP	11 02 14 d	
	eL_E	11 24.1	
	eL_N	11 27.9	
	F	11.6	

International Seismological Centre From the ISC collection scanned by SISMOS

May, 1952

DATE	PHASE	h m s	REMARKS
16	iP	16 25 34 c	
	e_Z	16 25 47	
	eL_N	16 47.1	
	F	17.1	
16	iP	20 56 44 d	U.S.C.G.S.
	i_Z	20 56 51	6-1/2°N, 79°W
	e_Z	20 57 36	Off Coast of Panama
	e_{NE}	20 58 13	H = 20 45 40
	ePP	20 59 13	Δ = 7600
	ePPP	21 00 58	
	iS	21 05 45	
	iScS	21 06 45	
	eSS	21 10 10	
	eL	21 12.7	
	F	22.2	
17	iP	09 58 01	U.S.C.G.S.
	i_Z	09 58 12	42-1/2°N 144-1/2°E
	e_Z	09 59 07	Near East Coast of Hokkaido, Japan
	iS	09 05 57	H = 09 48 16
	iScS	09 07 50	Δ = 6350
	eL	09 12.0	
	F	11.3	
18	iP	20 42 30 c	
	F	20 44.0	
19	iP	18 42 08 c	U.S.C.G.S
	i_Z	18 42 37	43°N 144-1/2°E
	i_E	18 44 04	Near East Coast of Hohhaido,Japan
	i_N	18 44 19	H = 18 32 24
	i_{NE}	18 47 14	Δ = 6200
	iS	18 50 03	
	iS	18 50 03	
	iScS	18 51 56	
	eSS	18 54 06	
	eSSS	18 56 21	
	eL	18 57.5	
	F	20.5	
20	iP	15 24 33 c	
	e_Z	15 24 41	
	F	15 27.0	
22	iP	23 19 38 d	U.S.C.G.S.
	i_Z	23 19 50	29-1/2°N, 131-1/2°E
	e_Z	23 22 12	Ryukyu Islands
	eS	23 28 57	h = 60 km
	eL	23 45.0	Δ = 7900
	F	00.3	
23	eP	04 31 44	U.S.C.G.S.
	i_Z	04 31 57	33°N, 136°E
	e_Z	04 32 04	Near south coast of Honshu, Japan
	e_{NE}	04 40 41	h = 60 km
	eL	04 51.0	Δ = 7450 km
	F	05.2	
23	eP	16 33 54	
	e_Z	16 34 07	
	e_{ZNE}	16 37 50	
	i_Z	16 37 59	
	e_{NE}	16 38 33	
	F	16 40.0	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
23	eP	22 23 00 c	U.S.C.G.S.
	e_Z	22 23 18	20°N, 156°W
	eS	22 31 37	near West Coast of Hawaii
	eScS	22 32 50	H = 22 12 26
	e_{NE}	22 35 46	
	eL	22 41.7	
	F	23.1	
24	eSKS	02 23 13	U.S.C.G.S.
	eS	02 23 54	21-1/2°S 71°W
	eSS	02 30 20	Near Coast of Northern Chile
	eL	02 43.8	H = 01 59 05
	F	03.4	
24	iP_Z	05 16 21 c	
	F	05 18.0	
24	e_Z	16 23.5	U.S.C.G.S.
	e_Z	16 24 16	Off West coast of Sumatra
	e_{NE}	16 24.6	H=16 05 53
	e_Z	16 26 27	
	e_{NZ}	16 26 47	
	e_N	16 27 57	
	e_{NE}	16 30 44	
	e_E	16 34 07	
	eL	17 02.0	
	F	18.4	
25	eP	07 13 44 d	
	e_Z	07 13 59	
	e	07 23 05	
	eL	07 42.0	
	F	08.1	
25	eP_Z	16 12 37 d	
	F	16 14.0	
26	eP_Z	02 58 28	U.S.C.G.S.
	e_Z	02 58 35	
	e_Z	02 58 46	Assam
	ePP_N	03 01 26	H = 02 46 25
	eS_N	03 08 13	
	e_{NE}	03 13 21	
	eL	03 29.3	
	F	04.0	
28	iP	08 09 13 d	
	i_Z	08 09 29	U.S.C.G.S.
	i_Z	08 09 43	35-1/2°N, 136°E
	i_Z	08 10 24	Central Honshu, Japan
	ipP_Z	08 10 36	h = 400 km
	i_{ZNE}	08 11 35	H = 07 59 09
	i_Z	08 13 10	Δ = 7150 km
	i_Z	08 13 33	
	iS_{NE}	08 17 26	
	iSSS	08 25 30	
	eL	08 26 53	
	F	09.0	

R. E. Andrews
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, Northwest Territories

June, 1952 No.41

DATE	PHASE	h m s	REMARKS
1	iP	13 30 52 c	
	i_Z	13 30 56	
	e_Z	13 31 09	
	F_Z	13 33.0	
4	eP	21 41 59	Foreshock of next
	F	21 43.0	H = 21 30 52
5	eP	06 07 46 Prob. d	U.S.C.G.S.
	epP	06 07 59	6°N 77-1/2°W
	eS_N	06 16 46	Near West Coast of Columbia
	e_N	06 17 43	h = 60 km
	e_N	06 21.1	H = 05 56 35
	e_N	06 24 56	Δ = 7600
	eL	06 31.5	
	F	07.0	
7	eP	16 12 04 d	
	e_Z	16 12 53	
	F	16 16.0	
10	eP	10 12 28	U.S.C.G.S.
	$eSKS_{NE}$	10 23 07	15-1/2°S, 178-1/2°W
	eS_N	10 24 12	Fiji Island Region
	ePS	10 26 01	H = 09 58 27
	eSS	10 31 26	
	eL	10 42.5	
	F	11.5	
11	e_Z	00 49 57	U.S.C.G.S.
	e_Z	00 50 10	32°S, 67-1/2°W
	e_Z	00 50 14	San Juan Province, Argentina
	e_{NE}	00 50 29	H = 00 31 32
	e_{NE}	00 58 02	Δ = 11,950
	e_{NE}	00 59 24	
	e_{NE}	01 00 47	
	e_L	01 21.0	
	F	03.0	
11	eP_Z	07 53 24	
	F_Z	07 55.0	
14	iP	02 11 24 c	U.S.C.G.S.
	i_Z	02 11 30	58°N, 153-1/2°W
	ipP	02 11 47	Near Coast of Alaska Peninsula
	i_Z	02 12 31	h = 60 km
	i_Z	02 13 12	H = 02 05 33
	e_{NE}	02 15 46	
	eS	02 16 03	
	eL	02 19 42	
	F	02.5	
15	iP	15 16 21 c	U.S.C.G.S.
	iZ	15 17 26	66°N, 134°W
	i_Z	15 18 00	Yukon, Canada
	iS	15 19 11	H = 15 12 41
	iL	15 20 56	
	F	15.7	

International Seismological Centre From the ISC collection scanned by SISMOS

June, 1952

DATE	PHASE	h m s	REMARKS
15	eP_Z	16 30 26 Prob.c	
	F_Z	16 32.0	
17	eP	12 21.7	
	e_Z	12 22 10	
	e_{NE}	12 31 47	
	F	14.0	
18	eP	04 07.5	
	e_{NE}	04 15.5	
	eL	04 50.0	
	F	05.2	
19	eP	12 25 20 Prob. d	
	i_Z	12 25 25	U.S.C.G.S.
	i_Z	12 25 27	23°N, 100°E
	i_Z	12 27 00	Southern Yunnan Prov., China
	ePP	12 28 30	H = 12 12 56
	e_N	12 32 06	Δ = 9150
	eS	12 35 35	
	ePS	12 36 30	
	e_E	12 40 35	
	F	14.0	
19	iP	19 21 25 c	U.S.C.G.S.
	i_Z	19 21 36	42-1/2°N, 145°E
	i_Z	19 21 45	Near east coast of Hokkaido, Japan
	F	19 23.0	H = 19 11 42
19	eP	21 24 45	U.S.C.G.S.
	e_Z	21 24 56	Tonga Islands Region
	e_{NE}	21 28 05	H = 20 57 01
	e_{NE}	21 28 19	
	eL	21 39.0	
	F	23.5	
20	eP	05 58 18 c	U.S.C.G.S.
	i_Z	05 58 20	25-1/2°N, 122°E
	i_Z	05 58 27	near North Coast of Formosa
	i_Z	05 58 46	H = 05 46 20
	i_Z	05 58 54	Δ = 8550 km.
	i_{NE}	06 01 06	
	i_Z	06 01 15	
	e_{NE}	06 04 31	
	e_{NE}	06 08 13	
	eL_E	06 15.7	
	eL_N	06 17.7	
	F	07.3	
20	iP	09 25 35 c	
	i_Z	09 25 43	
	F	09 27.0	
21	iP	06 38 00 c	U.S.C.G.S.
	e_Z	06 38 48	Kurile Islands foreshock
	ePcP	06 39 15	H = 06 28 57
	ePP	06 39 58	
	eS	06 45 14	
	eScS	06 47 47	
	eSS	06 48 50	
	eL	06 54.0	
	F	07.5	

International Seismological Centre From the ISC collection scanned by SISMOS

June 22, 1952

DATE	PHASE	h m s	REMARKS
22	iP	10 17 16	U.S.C. G. S.
	e_Z	10 18 01	Kurile Islands foreshock
	eZ	10 18 30	H = 10 08 14
	e_Z	10 18 42	
	ePP	10 19 21	
	e_Z	10 19 49	
	eS	10 24 33	
	eScS	10 27 00	
	eSS	10 28 10	
	eL	10 33.0	
	F	11.5	
22	eP	21 50 55 c	
	i_Z	21 50 58	U.S.C.G.S.
	ePP	21 52 55	46°N, 153-1/2°E
	eS	21 58 14	Kurile Islands
	eScS	22 00 42	H = 21 41 53
	eSS	22 01 52	Δ = 5750 km.
	eL	22 04.0	
	F	01.5	
23	eP	12 15 11	U.S.C.G.S.
	e_Z	12 16 00	24-1/2°N, 122°E
	eS_{NE}	12 25 02	Near East Coast of Formosa
	eL	12 40.5	H = 12 03 09
	F	13.5	
24	eP	16 38 04	U.S.C.G.S.
	e_Z	16 38 15	46-1/2°N, 154°E
	ePP	16 40 00	Kurile Islands
	eS	16 45 22	H = 16 29 02
	eScS	16 47 54	
	eSS	16 48 58	
	eL	16 49.5	
	F	17.3	
25	eP	12 15 41	U.S.C.G.S.
	e_{NEZ}	12 22 13	Southern Alaska - Yukon border
	e_Z	12 22 29	H = 12 10 41
	e_Z	12 23 09	
	e_E	12 24 06	
	F	12.5	
25	iP	23 31 36 c	U.S.C.G.S.
	eS	23 41 15	31°N, 101°E
	eSS	23 46 00	Sikang Province, China
	eL	23 50.0	H = 23 19 58
	F	00.5	
28	eP	16 37 42	U.S.C.G.S.
	eL	16 59.0	16-1/2°N, 97-1/2 W
	F	17.3	Oaxaca, Mexico
			H = 16 27 47
30	e_Z	20 45.9	
	S	20 46 17	
	F	20.8	
30	S	21 48 57	
	L	22 05.1	
	F	22.4	

R. E. Andrews
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, CANADA

STATION: RESOLUTE BAY, Northwest Territories

July, 1952 No.44

Note: Mr. R. E. Andrews was replaced as Seismologist-in-charge at Resolute Bay by Mr. F. Lombardo during the month of August. Preliminary readings of July grams were made by Andrews but final reading and preparation of bulletins was carried out by Lombardo.

DATE	PHASE	h m s		REMARKS
5	iP	17 30 29	c	U.S.C.G.S.
	S_{NE}	17 39 19		36-1/2°N, 71°E
	e_N	17 40 12		Hindu Kush
	SS_N	17 43 57		h = 200 km
	F	17.9		
6	eP	06 23 30		U.S.C.G.S.
	S_{NE}	06 34 12		Mid-Atlantic Ocean, 600
	L	06 53.0		Miles southwest of Liberia
	F	07.1		H = 06 10 45
7	P	02 59 43		U.S.C.G.S.
	S	03 05 03		54°N, 164°W
	ScS	03 10 01		Near South Coast of Unimak Isl.
	L	03 07.1		H =02 53 01
	F	03.8		
8	eP	03 08 10		
9	iP	18 26 17	c	U.S.C.G.S.
	S	18 35 14		7-1/2°N 82°W
	ScS	18 36 00		Off Coast of Panama
	SSS	18 42 47		H = 18 15 18
	L	18 49.0		
	F	19.3		
9	eP	20 07 38		
9	eP	20 47 45		U.S.C. G. S.
	S	20 56 44		Panama Aftershock
	L	21 01.0		H = 20 36 48
	F	21.8		
13	PPP	12 12 33		U.S.C.G.S.
	SKKS	12 17 06		18-1/2°S, 169-1/2°E
	L	12 26.4		New Hebrides
	F	13.3		h = 300 km
				H = 11 58 34
13	PPP	17 48 47		U.S.C.G.S.
	SKS	17 52 51		3°S, 128°E
	L	17 59.1		Ceram Sea
	F	20.3		H = 17 34 26
15	eP	06 16 27		U.S.C.G.S.
	PcP	06 17 07		14-1/2°N, 92-1/2°W
	PPP	06 20 01		Near Coast of Guatemala
	S	06 24 41		H = 06 06 20
	ScS	06 25 17		
	L	06.6		
	F	07.6		

International Seismological Centre From the ISC collection scanned by SISMOS

July, 1952

DATE	PHASE	h m s	REMARKS
17	iP	16 20 32 d	U.S.C.G.S.
	i	16 20 49	34-1/2°N, 136°E
	S	16 29 04	Southern Honshu, Japan
	SS	16 33 35	h = 100 km
	L	16 38.0	H = 16 09 52
	F	17.6	
18	e_N	18 53 21	U.S.C.G.S.
	S	19 04 05	23°S 114-1/2°W
	PS	19 06 16	Easter Isl. region
	e	19 11 35	
20	eP	12 46 26.5	Local Shock
	iS	12 47 00	
21	iP	12 00 00 c	U.S.C.G.S.
	S	12 06 07	35.1°N, 118.9°W
	F_Z	13.5	Tehachapi, California
	F_{NE}	16.6	H = 11 52 11.5
21	eP	19 49 17	U.S.C.G.S.
	S	19 55 23	Tehachapi aftershock
	e_Z	20 01 40	W = 19 41 18
	L	20 03.8	
	F	20.6	
22	eP	11 06 02	Probably local shock
	e_{NE}	11 07 20	
23	e_Z	08 01 10	U.S.C.G.S.
	S_N	08 07 17	Tehachapi aftershock
	L	08 14 28	H = 00 38 33
	F	08.5	
23	eP	13 24 55	U.S.C.G.S.
	S	13 31 04	Tehachapi aftershock
	L	13 38.3	H = 13 17 02
	F	14.2	
24	i_Z	10 49 22	
24	iP	22 18 58 c	U.S.C.G.S.
	S	22 26 44	42-1/2°N, 145-1/2°E
	L	22 37.0	Off Coast of Hokkaido, Japan
	F	23.0	H = 22 09 20
25	eP	19 17 29	U.S.C.G.S.
	S	19 22 04	Tehachapi aftershock
	L	19 29.0	H = 19 09 42
	F	20.9	
27	eP'	08 41 09	U.S.C.G.S.
	S	08 48 18	20-1/2°S 179°W
	SS	08 56 05	Fiji Islands
	SSS	09 00.0	h = 500 km
	L	09 05.0	H = 08 23 22
	F	09.9	
29	eP	07 11 32	U.S.C.G.S.
	S	07 17 41	Tehachapi aftershock
	SS	07 20 48	H = 07 03 45
	L	07 23 54	
	F	08.5	

International Seismological Centre From the ISC collection scanned by SISMOS

July, 1952. No.46

DATE	PHASE	h	m	s	REMARKS
31	eP	12	16	57	U.S.C.G.S.
	S	12	23	07	Tehachapi aftershock
	SS	12	26	07	H = 12 09 08
	L	12	30.9		
	F	13.2			

Preliminary readings by

R. E. Andrews
Seismologist-in-charge 1951-52

Final readings and bulletin by

F. Lombardo
Seismologist-in-charge 1952-53

International Seismological Centre From the ISC collection scanned by SISMOS

ROYAL OBSERVATORY
13 FEB 1953
EDINBURGH

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

DOMINION OBSERVATORIES BRANCH

SEISMOLOGICAL SERVICE OF CANADA

Resolute Bay, N.W.T.

Seismological Bulletin

August-October

1952

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DOMINION OBSERVATORY

OTTAWA - CANADA

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

C. S. Beals, Dominion Astronomer

John H. Hodgson, Chief, Seismological Division

The Dominion Observatory seismograph station at RESOLUTE BAY, N.W.T.

φ = 74°41' N. λ = 94° 54' W.

Time corrections daily from W.W.V. G.M.T. used throughout.

Foundation: early Palaeozoic limestone

The station operates the following instruments:

N-S component - Sprengnether Series H long period seismometer.
Period of seismometer and galvanometer = 14.1 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the north
Paper speed 60 mm/min
Designated N in bulletin

E-W component - Sprengnether Series H long period seismometer
Period of seismometer and galvanometer = 16.0 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the east
Paper speed 60 mm/min.
Designated E in bulletin

Long-period Vertical Component - A long period vertical seismometer designed at Palisades and lent to the Resolute station through the courtesy of Dr. Ewing.
Period of seismometer = 12.2 seconds
Period of galvanometer = 15.5 seconds
Damping - approximately critical
Paper speed 30mm/min
Designated Z in bulletins

Note: This seismometer is situated about 1000' N 15°W of the other three.

Short-period Vertical Component - Sprengnether Series DH short period seismometer.
Period of seismometer and galvanometer = 1.4 seconds
Damping - critical
Synchronous magnification = 10,000 ca.
Up-trace indicates a compression.
Paper speed 60mm/min
Designated z in bulletin

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, Northwest Territories

August, 1952

DATE	PHASE	h m s	REMARKS
7	iP_Z	22 03 15 d	U.S.C.G.S.
	eS_{NE}	22 11 08	43°N, 144 1/2°E
	eL_N	22 24.5	near east coast of Hokkaido, Japan
	F	22.7	H=21:53:31
			Δ=6200 km
9	iP_Z	09 47 50 c	U.S.C.G.S.
			Hokkaido, Japan
			H=09:38:17
14	eS_{NE}	16 35 59	U.S.C.G.S.
	eL_{NE}	16 49.3	South coast of Indo-China
	F	17.2	H=16:01:07
14	eS_{NE}	23 41 03	U.S.C.G.S.
	eL	23 49.6	6°S, 155°E
	F	24.9	Solomon Islands
			H=23:16:42
16	e_E	14 16 12	U.S.C.G.S.
	e_E	14 18 45	Solomon Islands region
	eL_{NE}	14 41.4	H=13:51:35
	F	15.7	
17	iP	16 13.8	Minute marks missing from records
	iS	16 22.6	U.S.C.G.S.
	F	18.1	30 1/2°N 91 1/2°E
			Eastern Tibet
			H=16:02:05
18	iS	13 31 01	U.S.C.G.S.
	eL	14 02.8	Central Chile - Argentina border
	F	14.8	H=13:04:50
19	iP_Z	14 13 08 d	U.S.C.G.S.
	eS_N	14 21 28	16° N, 60 1/2°W
			Leeward Islands
			H=14:03:00
			Δ=6750
20	iP_{ZNE}	15 31 55 c	U.S.C.G.S.
	iPP	15 33 14	43°N, 127°W
	iS_N	15 27 29	Off coast of Oregon
	eSS	15 39 42	H=15:24:59
	eL_{NEz}	15 43.2	
	F_Z	16.4	
	F_{NE}	18.3	

LONG PERIOD VERTICAL (INDICATED Z) placed in operation

21	eS_{NE}	09 57 17	U.S.C.G.S.
	eL_{NEZ}	10 05.4	Aftershock of Oregon quake
	F_Z	10.3	H=09:44:48

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
21	eS_{NE}	19 36 55	U.S.C.G.S.
	L_{NE}	19 42.6	Aftershock of Oregon 'quake
	F_{NEZ}	19.9	H=19:08:30
22	eP_z	22 49 04	U.S.C.G.S.
	$eP\bar{P}$	22 50 45	35.3°N 119.0°W
	eS_N	22 55 04	near Bakerfield, California
	eSS_E	22 58 19	H=22:41:22
	eL_Z	23 00.8	
	F_Z	24.0	
23	eS_N	14 42 31	U.S.C.G.S.
	eL_Z	14 53.4	7°N, 82°W
	eL_{NE}	14 54.9	Off coast of Panama
	F	15.4	H=14:22:33
24	eP_z	13 01 29	U.S.C.G.S.
	eS_{NE}	13 06 54	Bonin Islands
	eL_{NE}	13 31.8	H=12:45:40
	F	13.8	
27	iP_z	11 34 03 d	U.S.C.G.S.
	$ip\bar{P}_{zE}$	11 34 21	55 1/2N 160°W
	$isP\bar{P}_{zE}$	11 35 25	Alaska Peninsula
	$iPcP_{zE}$	11 35 40	h=60 km
	iS_{NE}	11 39 08	H=11:27:54
	eL_E	11 46.8	Δ=3450 km
	F_E	12.1	
28	iP_{zNEZ}	10 59 04 c	U.S.C.G.S.
	$iP\bar{P}_z$	11 00 17	55°N, 160°W
	$iPcP_z$	11 01 56	near south coast of Alaska Peninsula
	iS_{NE}	11 04 05	H=10:52:41
	$eScS_N$	11 05 24	Δ=3450 km
	eL_{NEZ}	11 12	
	F_{NE}	12.2	
28	eP'_z	14 41 10	U.S.C.G.S.
	i_z	14 41 39	Indian Ocean, 1800 miles south of Capetown. H=14:21:49
28	e_E	15 28 25	U.S.C.G.S.
	eL_E	15 32.1	16°N 91 1/2°W Mexico Guatemala Border
	F_E	16.6	h=150 km. H=15:23:15
29	eP_z	05 40 26	
	eS_N	05 45 25	
	eL_{NE}	06 25.2	
	eL_Z	06 27	
	F_Z	06.8	
	F_{NE}	07.1	
29	e_N	16 31 24	U.S.C.G.S.
	eL_{NE}	16 35.3	Fox Islands, Aleutian Islands, h=60km
	F	16.9	H=16:15:05

International Seismological Centre From the ISC collection scanned by SISMOS

August, 1952.

DATE	PHASE	h m s	REMARKS
31	iP_Z	16 19 21 d	U.S.C.G.S.
	iPP_Z	16 21 24	42° N, 142 1/2 E
	iS_{NE}	16 27 16	near south coast of Hokkaido, Japan
	SS_{NE}	16 31 14	H=16:09:33
	L	16 45.7	Δ=6450
	F	17.0	

F. Lombardo
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, Northwest Territories 50

September, 1952

DATE	PHASE	h m s	REMARKS
2	e_Z	07 46 22	U.S.C.G.S.
	e_{ZNEZ}	07 46 29	13°S 167°E , Santa Cruz Islands
			H=07:24:11
7	iP_Z	04 36 25 c	U.S.C.G.S.
	ipP_Z	04 36 27	51 1/2N, 173°W
	isP_Z	04 36 35	Andreanof Islands, Aleutian
	eS_E	04 40 45	h=60 km
	esS_E	04 46 24	H=04:30:17
	eL_E	04 51.3	Δ=4200 km
	F	05.3	
8	eP_Z	11 05 06	
8	e_Z	23 17 35	
9	e_Z	02 00 53	
9	e_Z	05 32 27	
9	iP_{ZNE}	13 05 28 d	U.S.C.G.S.
	i_{ZNZ}	13 05 33	9°N 84 1/2°W
	$iPcP_{ZN}$	13 06 01	near coast of Costa Rica
	iPP_{ZN}	13 07 57	H=12:54:42
	$iPPP_Z$	13 09 17	Δ=7250 km
	iS_E	13 14 10	
	i_Z	13 18 09	
	iSS_{NE}	13 18 23	
	$iSSS_Z$	13 21 15	
	eL_Z	13 23.1	
	F	15.8	
10	e_Z	14 38 16	
11	i_Z	22 46 30	U.S.C.G.S.
	e_{NE}	22 54 25	29°S 177°W
	iS_{ZNE}	22 56 13	Kermadec Islands
	eL_Z	23 24.4	H=22:26:41
	F	24.8	Δ=12,800 km
13	e_Z	14 20 04	
14	ePP_Z	09 47 43	U.S.C.G.S.
	$ePPP_Z$	09 49 51	93 1/2°E 34°N
	e_{NE}	09 55 05	Chinghai Province, China
	eL	10 10.9	H=09:34:10
	F	10.6	Δ=7950 km
15	e_{NE}	11.4	U.S.C.G.S.
			Central Chile-Argentina border
			h=100 km
			H=11:01:27
17	e_Z	01 42 06	U.S.C.G.S.
	i_Z	01 42 59	17 1/2°S 179°W
	e_Z	01 44 09	Fiji Islands
			h=600 km
			H=01:16:53

International Seismological Centre From the ISC collection scanned by SISMOS

September, 1952

DATE	PHASE	h m s	REMARKS
17	e_Z	17 21 19	
	e_Z	17 23 11	
	e_{NE}	17 23 17	
18	eP_Z	20 48 55	Local shock
	iS_{NEZ}	20 50 04	
	F	20.9	
20	eP_Z	13 32 32	
	i_Z	13 32 39	
	eS_{NE}	13 40 26	
	eL	14 13.3	
	F	15.0	
21	iP_Z	02 43 48 c	U.S.C.G.S.
	ipP_Z	02 44 48 d	22 1/2°S, 65°W
	$iSKS_{NE}$	02 53 58	Argentina-Bolivia border
	.	..	h=250 km
	iS_{NE}	02 54 48	H=02:30:30
	ipS_{NE}	02 55 42	Δ=10,800
	F	05.0	
22	iS_N	11 54 43	U.S.C.G.S.
	eL	11 58.7	40 1/2 124°W
	F	12.5	Cape Mendocino, California
			H=11:41:27
			Δ=4050 km
24	eP_Z	20 35 24	U.S.C.G.S.
	iP_Z	20 35 25 c	56 1/2°N 157°W
	isP	20 36 04	near south coast of Alaska Peninsula
	iPP_{ZE}	20 36 25 d	h=100 km
	iS_{NE}	20 40 15	H=20:29:30
	$eScS_{NE}$	20 45 53	Δ=3250
	F	20.8	
27	iP_Z	19 14 07 c	U.S.C.G.S.
	iPP_{ZE}	19 15 58	50 1/2°N, 157°E
	iS_{NEZ}	19 20 45	near coast of Kamchatka
	$iScS_{NEZ}$	19 23 55	h=100 km
	iSS_Z	19 24 19	H=19:05:46
	iL	19 25.9	Δ=5150
	F	19.8	
28	i_{ZNE}	02 33.3	U.S.C.G.S.
			58 1/2°N, 137°W
			H=02:21:20
30	iP_Z	13 03 53 d	U.S.C.G.S.
	iPP_Z	13 06 46	28 1/2°N, 102°E
	iS_E	13 13 38	Szechwan Province, China
	$iPPS_{ZE}$	13 14 43	H=12:52:00
	iSS_E	13 18 33	Δ=8500km
	eL	13 22 29	
	F	14.9	

F. Lombardo
Seismologist-in -charge

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, Northwest Territories

October, 1952

DATE	PHASE	h m s	REMARKS
2	iP_Z	03 19 59 d	U.S.C.G.S. 43°N 143°E Hokkaido, Japan H=03:10:12
3	iP_Z $iPPP_Z$ eS_E F	07 47 57 d 07 52 09 07 56 47 08.0	U.S.C. G.S. 6 1/2°N, 83°W off south coast of Panama H=07:36:45 Δ=7450 km
5	iP_Z iS_E	11 05 09 c 11 13 22	U.S.C.G.S. near west coast of Greece H=10:55:00
5	iP_Z eS_{NE} F_E	22 15 50 c 22 24 45 23.0	U.S.C.G.S. 37° N, 93°E Chinghai Province, China H=22:04:28
6	iP_Z	14 20 06 d	U.S.C.G.S. Central Peru h=100 km H=14:07:01
6	iP_Z	22 37 36 d	U.S.C.G.S. 53 1/2°N, 161°E off east coast of Kamchatka H=22:29:35 Δ=4750
7	eP_Z	18 13 52 Prob.c	U.S.C.G.S. Central Tibet H=18:02:10
8	eP_Z eS_E F_E	14 34 46 Prob.d 14 43 33 15.1	U.S.C.G.S. 39°N, 113°E Northeastern China H=14:24:02
8	eP_Z eS_E	20 35 55 Prob.c 20 40 15	U.S.C.G.S. Southwestern Alaska H=20:30:10
9	iP_Z	16 53 19 c	
10	ePP_{NE} $iSKS_{NE}$ iS_N eL_E F_E	16 21 04 16 27 05 16 28 10 16 40.7 17.5	U.S.C.G.S. Samoa Isl. Region H=15:55:35
10	iP_Z iS_{ZNE} eSS_E eL_{ZE} F	18 59 17 d 19 09 04 19 13 55 19 17.7 22.1	U.S.C.G.S. 30 1/2°N 69°E Central Pakistan H=18:47:37

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DATE	PHASE	h m s	REMARKS
10	eP_Z	21 59 09	U.S.C.G.S. Northern Alaska Peninsula h=100 km H=21:53:46
11	iS_E	00 47 01	U.S.C.G.S.
	eL_E	01 00.8	6°S 149E
	F	01.5	New Britain H=00:13:59
11	i_Z	06 11 57 c	
	i_Z	06 12 16 c	
	i_Z	06 12 37 c	
13	eP_Z	00 07 51	
	i_Z	00 09 57 d	
13	ePP_Z	23 43 00	U.S.C.G.S.
	$eSKS_{ZN}$	23 49 19	34°S 178°W
	ePS_{ZN}	23 52 29	South of Kermadec Islands
	eSS_N	24 00 58	H=23:24:10
	eL_{ZNE}	24 29.9	
	F_{ZNE}	01.3	
14	iP_Z	22 09 45 d	U.S.C.G.S.
	iS_{ZN}	22 15 12	48°N 70°W
	iL_Z	22:16.3	Southwestern Quebec, Canada
	F	22.4	H=22:03:41
15	iP_Z	00 06 59 d	U.S.C.G.S.
	iS_{ZN}	00 15 46	8 1/2°N 83°W
	iL	00 34.7	Near south coast of Costa Rica
	F	01.0	H=14:23:56:03 Δ=7300 km
15	iP_Z	00 21 00 d	U.S.C.G.S. 36°N, 141 1/2°E near east coast of Honshu, Japan H=00:10:25
15	iP_Z	19 13 40 c	U.S.C.G.S. 43°N, 145 1/2E near east coast of Hokkaido, Japan H=19:04:00
16	iP_Z	09 57 42 d	U.S.C.G.S. 41 1/2°N 142°E near north coast of Honshu, Japan h=60 km H=09:47:51 Δ=6450 km
18	iS_Z	05 41 31	U.S.C.G.S.
	iPS_Z	05 44 09	16°S 168°E
	iSS_{ZN}	05 48 47	New Hebrides
	iL_Z	06.2	H=05:22:32
	F_Z	08.0	Δ=11,850 km
18	iP_Z	12 08 24	U.S.C.G.S.
	iPP_Z	12 11 00	13° N 46°W
	$iPPP_Z$	12 12 20	Atlantic Ocean
	iS_Z	12 17 08	H=11:57:36
	$iPPS_Z$	12 17 48	Δ=7350 km
	iL	12 30.1	
	F	13.0	

International Seismological Centre From the ISC collection scanned by SISMOS

October, 1952

DATE	PHASE	h m s	REMARKS
20	iP_Z	01 09 37 d	U.S.C.G.S.
	eS_{ZE}	01 13 46	57°N 57°W
	eL	01 18.0	Off coast of Labrador
	F	01.5	H=01:04:35
			Δ=2450 km
20	e_Z	15 17 43	U.S.C.G.S.
	i_Z	15 17 45 d	Mariana Islands, about 500 miles north of Guam
			H=15:05:45
21	iP_Z	01 43 29 d	
21	eP_Z	02 38 01	U.S.C.G.S.
	ePP_E	02 40 25	9 1/2°N 84 1/2°W
	eS_{ZNE}	02 46 25	near coast of Costa Rica
	ePS_E	02 47 05	H=02:30:46
	eSS_{ZE}	02 50 48	Δ=7200
	eL	02 51.0	
	F	03.1	
22	iP_Z	17 11 13 d	U.S.C.G.S.
			Southern Turkey
			H=17:00:35
25	iP_Z	03 26 10 d	U.S.C.G.S.
			off east coast of Hokkaido, Japan
			H=03:16:35
25	iP_Z	14 40 06 d	U.S.C.G.S.
	ePP_Z	14 42 01	26°N 112°W
	eS_Z	14 45 33	Lower California
	iL_N	14 54.1	H=14:31:09
	F	15.5	
26	eP	07 44 15 Prob.d	
26	iP_Z	08 51 19 c	U.S.C.G.S.
	$iPcP_Z$	08 51 47	34 1/2°N 137°E
	ipP_Z	08 52 26	near south coast of Honshu, Japan
	isP_Z	08 53 03	h=300 km
	iPP_Z	08 54 00	H=08:41:03
	iS_{NE}	08 59 38	
	$iScS_N$	09 00 45	
	isS_N	09 01 39	
	iSS_{NE}	09 04 13	
	iL_{NE}	09 04.0	
	F	09.5	
26	iP_Z	13 30 23 d	U.S.C.G.S.
			39°N 143 1/2°E
			off east coast of Honshu, Japan
			H=13:20:14
26	iP_Z	14 40 08 prob.c	U.S.C.G.S.
			40°N, 143 1/2°E
			Off north east coast of Honshu, Japan
			H=14:30:04
26	iP_Z	15 56 21	U.S.C.G.S.
	iS_Z	16 04 08	Foreshock of Honshu 'quake
	i_{NE}	16 04 31	H=15:46:14

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
26	iP_Z	16 03 12 d	Probably preshock of Honshu, Japan
	iS	16 11 09	'quake
	iSS	16 15 12	
	iL	16 17.1	
	F	17.2	
26	iP_Z	18 12 17 prob.d	U.S.C.G.S.
	iS_{NEZ}	18 20 21	39°N 143°E
	$iScS_{NE}$	18 21 57	off east coast of Honshu, Japan
	iSS_{NE}	18 24 19	H=18:02:00
	iL	18 33.6	Δ=6700 km
26	iP_Z	19 29 24 d	U.S.C.G.S.
	iS_{NE}	19 37 36	38 1/2N, 143 1/2E
	iL_Z	19 50.7	off east coast of Honshu, Japan
	F	20.4	H=19:19:12
			Δ=6700 km
26	iP_Z	20 37 33 d	U.S.C.G.S.
	iS_{NE}	20 45 43	40 1/2°N 143°E
	iSS_E	20 49 26	off northeast coast of Honshu, Japan
	iL	20 51.2	H=20:27:28
	F	20.8	
26	iP_Z	22 10 43 d	U.S.C.G.S.
	iS_{NE}	22 18 56	40°N 143 1/2°E
	eSS_{NE}	22 22 56	off northeast coast of Honshu, Japan
			H=22:00:38
27	iP_Z	03 27 20 c	U.S.C.G.S.
	iP_Z	03 27 21 d	Honshu aftershock
	iS_{NE}	03 35 31	H=03:17:12
	iSS_{NE}	03 39 32	
	iL	03 46.0	
	F	04.8	
28	iP_{ZZ}	04 39 42 d	U.S.C.G.S.
	iS_{NEZ}	04 47 40	18 1/2°N 73 1/2°W
	iSS	04 51 46	Haiti
	iL	04 54.0	H=04:29:51
	F	05.2	Δ=6300 km
28	eP_Z	06 41 07	U.S.C.G.S.
	iP_{ZZ}	06 41 09 d	40°N 144°E
	iS_{ZN}	06 49 19	off east coast of Honshu, Japan
	eSS_{NEZ}	06 53 16	H=06:31:04
	eL	07:03.0	Δ=6550 km
	F	07.6	
28	iP_Z	16 55 28 d	U.S.C.G.S.
	eS_E	17 03 39	39°N 143°E
	eL_E	17 17.6	off east coast of Honshu, Japan
	eL_N	17 22.1	H=16:45:21
	F	17.6	
29	eP_Z	03 28 24	
	iS	03 37 37	
29	iP_Z	09 11 50 c	U.S.C.G.S.
			52°N, 177°E
			Rat Island, Aleutians
			h=100 km
			H=09:04:20
29	eP_Z	14 59 02	

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October, 1952

DATE	PHASE	h	m	s		REMARKS
29	iP_Z	19	48	03	c	U.S.C.G.S.
	iPP_{ZE}	19	52	16	c	17°S, 174°W
	$iSKS_{NEZ}$	19	58	31		Tonga Islands
	iS_{NEZ}	19	59	40		h=150 km
	iSS_{NE}	20	06	46		H=19:34:14
	$iSSS_Z$	20	10	53		Δ=11,400 km
	iL_Z	20	11.4			
	F	20.8				

F. Lombardo
Seismologist-in-charge

International Seismological Centre From the ISC collection scanned by SISMOS

ROYAL OBSERVATORY
26 NOV 1953
EDINBURGH

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

DOMINION OBSERVATORIES BRANCH

SEISMOLOGICAL SERVICE OF CANADA

Resolute Bay, N.W.T.

SEISMOLOGICAL BULLETIN

November, December, 1952

000

DOMINION OBSERVATORY

OTTAWA - CANADA

NOTE: This will be the last bulletin issued separately for Resolute Bay. Beginning with January, 1953 the Resolute Bay readings will be included in the regular bulletin of the Eastern Division.

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

C. S. Beals, Dominion Astronomer

John H. Hodgson, Chief, Seismological Division

The Dominion Observatory seismograph station at RESOLUTE BAY, N.W.T.

φ = 74°41' N. λ = 94° 54' W.

Time corrections daily from W.W.V. G.M.T. used throughout.

Foundation: early Palaeozoic limestone

The station operates the following instruments:

N-S component - Sprengnether Series H long period seismometer.
Period of seismometer and galvanometer = 14.1 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the north
Paper speed 60 mm/min
Designated N in bulletin

E-W component - Sprengnether Series H long period seismometer
Period of seismometer and galvanometer = 16.0 seconds
Damping - critical
Synchronous magnification = 1600
Up-trace corresponds to ground movement to the east
Paper speed 60 mm/min.
Designated E in bulletin

Long-period Vertical Component - A long period vertical seismometer designed at Palisades and lent to the Resolute station through the courtesy of Dr. Ewing.
Period of seismometer = 12.2 seconds
Period of galvanometer = 15.5 seconds
Damping - approximately critical
Paper speed 30mm/min
Designated Z in bulletins

Note: This seismometer is situated about 1000' N 15°W of the other three.

Short-period Vertical Component - Sprengnether Series DH short period seismometer.
Period of seismometer and galvanometer = 1.4 seconds
Damping - critical
Synchronous magnification = 10,000 ca.
Up-trace indicates a compression.
Paper speed 60mm/min
Designated z in bulletin

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, Northwest Territories

November, 1952

DATE	PHASE	h m s	REMARKS
1	eP_Z	00 03 01 probably c	U.S.C.G.S.
	iS_E	00 12 28	
	eL_Z	00 22.0	
	F	01.0	
2	iS_E	00 03 25	U.S.C.G.S.
	iSS	00 20 07	23 1/2°S, 178°W
	F	00.8	Fiji Islands Region, H=1:23:45:36, d=150 km
			Δ=12,250 km
2	eP	01 52 25 probably d	U.S.C.G.S., Honshu, Japan
			H=01:41:58, d=60 km.
3	iP	00 28 46 c	
4	iP_Z	17 06 28 c	U.S.C.G.S.
	i_Z	17 06 31 d	52 1/2N, 159E, near east coast of Kamchatka
	All remaining phases obscured by large magnitude		H=16:58:20, Δ=4900 km.
	F_Z	20.0	
4	iP_Z	19 48 52 d	U.S.C.G.S., 52 1/2 N, 159 1/2E
			H=19:40:41
4	iP_Z	20 20 14 c	
4	eP_Z	20 36 22	
4	iP_Z	20 57 14 d	Kamchatka aftershock, H=20:48:53
4	iP_Z	21 08 59 c	Kamchatka aftershock, H=21:00:53
4	iP_Z	21 23 45 d	
4	iP_Z	21 38 26 d	
4	iP_Z	21 57 04 c	Kamchatka aftershock, H=21:52:50
4	iP_Z	22 01 20 d	
	iPP_Z	22 02 54 c	
4	iP_Z	22 21 02 c	Kamchatka aftershock
	iPP_Z	22 22 45	H=22:12:54
	iS	22 27 32	
4	iP_Z	22 40 25 c	
4	iP_Z	22 45 27 probably d	

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DATE	PHASE	h m s	REMARKS
4	iP_Z	23 37 27 d	Kamchatka aftershock
	iPP_Z	23 39 12	H=23:28:58
4	iP_Z	23 49 39 c	
4	iP_Z	23 57 54 prob. c.	
5	iP_Z	00 19 08 c	
5	iP_Z	00 24 42 c	
5	iP_Z	00 40 23 c	
5	iP_Z	00 52 32 probably c	
5	iP_Z	00 59 50 c	
5	eP_Z	01 31 40 probably d	
5	iP_Z	02 28 27 c	U.S.C.G.S.
	iPP_Z	02 30 00	Kamchatka aftershock
	iS_{NE}	02 35 14	H=02:19:58
	$i\ ScS_{NE}$	02 38 17	
	iSS_{NE}	02 38 39	
	iL_N	03 40.9	
	F	03.5	
5	eP	02 47 17 c	
5	iP	03 07 41	
5	eP	03 38 03 probably c	U.S.C.G.S.
	iPP	03 39 45	Kamchatka aftershock
	iS_{NE}	03 44 49	H=03:29:44
	$iScS_N$	03 48 02	
	iSS_N	03 48 15	
	iL_E	03 56.2	
5	eP_Z	04 19 07	
	iS_E	04 30 17	
	iL_{NE}	04 35.4	
	F	04.8	
5	e_Z	06 06 21	U.S.C.G.S.
	iP_Z	06 06 25 c	49°N 156°E, Kurile Islands
	iS_{NE}	06 13 18	H=05:57:43
	$iScS_{NE}$	06 16 23	
	iSS	06 16 55	
	F	07.5	
5	iP_Z	06 43 47 d	
5	iP_Z	07 14 24 c	
5	iP_Z	07 31 41 c	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
5	iP_Z	07 43 38 c	
5	iP_Z	08 29 42 c	
5	iP_Z	09 06 53 d	
	iS_{NE}	09 17 06	
	i_{NE}	09 20 33	
	iL_E	09 31.9	
5	eP_Z	09 38 14	
	eS_E	09 48 23	
	eL_E	10 02.3	
	F	10.2	
5	eP_Z	10 23 18	
5	iP_Z	11 26 58 probably d	
	iS_{NE}	11 34 08	
5	iP_Z	11 42 54 d	U.S.C.G.S., Kamchatka aftershock
	eS_{NE}	11 48 00	H=11:34:37
5	iP_Z	11 55 07 d	U.S.C.G.S.
	ePP_E	11 56 50	Kamchatka aftershock
	iS_{NE}	12 01 58	H=11:46:34
	$iScS_{NE}$	12 05 00	
	eL_E	12 12.3	
	F	12.8	
5	iP_{ZNE}	13 14 36	U.S.C.G.S.
	iPP_{ZNE}	13 16 18	Kamchatka aftershock
	iS_{NE}	13 21 08	H=13:06:24
	$iScS_{NE}$	13 24 25	
	eL_{NE}	13 26.0	
5	eP_Z	14 10 05 probably c	
5	iP_Z	14 19 20 c	
5	iP_Z	14 34 39 c	
	iS_E	14 40 03	
5	eP_Z	14 56 24 d	U.S.C.G.S.
	iPP_Z	14 57 13	Kamchatka aftershock
	iS_{NE}	15 04 25	H=14:48:41
	eL	15 08.9	
	F	15.6	
5	iP_Z	15 15 36 d	
5	iP_Z	15 34 48 c	
5	iP_Z	15 43 47 probably c	
	iS_E	15 49 02	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s		REMARKS
5	eP_Z	16 12 12		
	iS_{NE}	16 18 45		
5	iP_Z	16 43 19	d	
5	iP_Z	16 50 22	Probably c	
	iS_E	16 54 38		
5	iP_Z	17 12 24		
5	iP_{ZZE}	19 16 21	Probably c	U.S.C.G.S.
	$iPPP_Z$	19 18 29		Kamchatka aftershock
	iS_N	19 22 43		H=19:08:26
	iSS_Z	19 25 38		
	$iScS_{NE}$	19 26 06		
	eL	19 26.0		
5	iP_Z	19 43 38	c	
	iS_E	19 50 15		
5	eP_Z	20 19 03	d	
5	iP_Z	20 39 00	c	U.S.C.G.S.
	iS_E	20 45 26		Kamchatka aftershock
	i_Z	20 47 46		H=20:30:22
	eL_E	20 53.0		
	F	21.2		
5	iP_Z	21 17 01	c	
5	iP_Z	21 54 37	Probably c	U.S.C.G.S.
				Kamchatka aftershock
				H=21:46:00
5	iP_Z	22 02 41	c	
5	iP_Z	22 54 14		
	iS_{NE}	23 00 55		
	i_{ZN}	23 01 08		
	$iScS_Z$	23 04 08		
	iL_Z	23 05.0		
	F	23.8		
6	eP_Z	01 04 27		
	i_Z	01 06 40		
	i_Z	01 07 23		
6	eP_Z	02 32 01		
6	iP_Z	04 02 51	c	U.S.C.G.S.
				Kamchatka aftershock
				H=03:54:21

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DATE	PHASE	h m s	REMARKS
6	iP_Z	04 43 41 d	
6	eP_Z	05 04 57	
6	eP_Z	05 36 10 Probably d	
6	iP_Z	05 50 20 d	
6	iP_Z	05 57 21 c	
	eS_E	06 03 44	
	eL_E	06 09.1	
	F	06.7	
6	iP_Z	08 14 04 c	
6	iP_Z	11 05 23 d	U.S.C.G.S.
	i_Z	11 05 37	Kamchatka aftershock H=10:57:11
6	iP_Z	12 50 28 d	
6	eP_Z	14 14 54	
	eS_E	14 21 18	
	F	14.8	
6	iP_Z	14 30 32 d	
6	iP_Z	17 48 55 c	
6	iP_Z	17 58 11 Probably c	
6	iP_Z	19 54 14 Probably c	U.S.C.G.S.
	iPP_E	19 55 59	Kamchatka aftershock
	iS_{NE}	20 00 50	H=19:45:57
	F_Z	20.3	
	F_{NE}	22.5	
6	iP_Z	20 47 22 d	
6	iP_Z	23 37 21 d	
	eS_N	23 44 20	
	eL_E	23 57.8	
	F	24.2	
7	iP_Z	02 30 29 d	
	iS_{NE}	02 37 24	
	eL_E	02 46.3	
	F	03.1	
7	iP_Z	03 14 35 d	
7	iP_Z	04 03 43 d	

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DATE	PHASE	h m s		REMARKS
7	iP_Z	06 00 02	c	
7	iP_Z	06 19 15	d	
7	iP_Z	06 58 14	d	
	eS	07 03 06		
	i_N	07 05 12		
	eL	07 16.4		
	F	07.5		
7	iP_Z	07 34 29	c	
7	iP_Z	12 17 17	d	U.S.C.G.S.
	iS_{NE}	12 23 46		Kamchatka aftershock
	iL	12 31.9		H=12:09:09
	F	12.8		
7	iP_Z	13 49 51	c	U.S.C.G.S. Kamchatka aftershock H=13:41:45
7	iP_Z	14 17 01	d	U.S.C.G.S.
	iS_{NE}	14 23 46		Kamchatka aftershock
	i_{NE}	14 24 07		H=14:08:25
	iSS_E	14 27 14		
	iL	14 28.3		
	F	15.6		
7	iP_Z	15 49 23	d	
7	iP_Z	17 02 44	d	
7	eP_ZZ	21 03 51		U.S.C.G.S.
	$iPcP_Z$	21 05 19		26°N, 110 1/2°W
	iPP_Z	21 05 48		Lower Gulf of California
	iS_{NE}	21 11 02		H=20:54:58
	iSS_Z	21 14 44		Δ=5300km.
	eL	21 18.5		
	F	22.0		
7	iP_Z	22 14 17	Probably c	U.S.C.G.S.
	iS_E	22 21 27		47°N 155°E
	F_E	23.0		Kurile Islands H=22:05:19
7	iP_Z	23 30 53	d	
7	iP_Z	23 41 26	c	
8	iP_Z	00 49 20	c	

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DATE	PHASE	h m s	REMARKS
8	iP_Z	05 08 05 c	
	iS_E	05 14 38	
	F_E	05.8	
8	iP_Z	08 58 26 c	
8	iP_Z	12 16 25 d	
8	iP_Z	18 04 05 c	
8	iP_Z	18 43 36 d	
8	iP_Z	19 42 02 c	U.S.C.G.S.
	iPP_Z	19 44 01	48 1/2°N 156°E
	iS_{NEZ}	19 49 06	Kurile Islands
	i_Z	19 49 15	H=19:33:18
	iL	19 50.7	
	F	20.7	
8	iP_Z	20 23 31 d	
8	iP_Z	22 11 45 c	
	i_Z	22 14 31	
9	iP_Z	00 01 30 Probably c	
9	iP_{ZZE}	00 31 01 c	U.S.C.G.S.
	i_{ZZE}	00 31 12	48 1/2°N 155 1/2°E
	iS_{ZE}	00 38 00	Kurile Islands
	$iScS_E$	00 40 58	H=00:22:15
	eSS	00 41 26	
	iL	00 51.2	
9	iP_{ZZ}	01 25 49 Probably d	U.S.C.G.S.
	iS_{ZE}	01 32 26	Kamchatka aftershock
	i_Z	01 36 36	H=01:17:39
	eL_Z	01 40.5	
	F	01.9	
9	eP_Z	01 45 15 Probably c	
9	iP_{ZZ}	04 43 44 c	U.S.C.G.S.
	i_Z	04 44 02	Kamchatka aftershock
	iPP_Z	04 45 51	H=04:35:05
	iS_N	04 50 53	
	iSS_N	04 54 41	
	eL	04 58.4	
9	iP_Z	05 14 28	U.S.C.G.S.
	eS_{NE}	05 20 10	Kamchatka aftershock
	eL_E	05 25.8	H=05:06:29

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DATE	PHASE	h m s	REMARKS
9	iP_{zZ}	05 40 49 d	U.S.C.G.S.
	i_{zZ}	05 42 20	Kamchatka aftershock
			H=05:32:15
9	i_{z}	06 05 29	U.S.C.G.S.
	iP_{z}	06 05 30	Kamchatka aftershock
	iS_{E}	06 12 05	H=05:56:54
	i_{E}	06 15 55	
	F	06.7	
9	iP_{z}	12 31 24 Probably d	
9	iP_{z}	15 16 48 d	
9	iP_{z}	15 31 05	
	iS_{NE}	15 37 47	
	i_{NE}	15 41 13	
	eL_{NE}	15 47.4	
	F	16.6	
9	iP_{z}	15 40 22 c	U.S.C.G.S.
			45°N, 151 1/2°E
			Kurile Islands
			H=15:31:06
9	iP_{z}	15 56 04 Probably d	
9	eP_{zZ}	18 20 28	
	iS_{ZNE}	18 26 59	
	eL_{ZE}	18 36.9	
	F	18.9	
9	eP_{z}	20 50 28 Probably c	
	iS_{N}	20 56 53	
	iSS	20 59 59	
	eL	21 03.4	
	F	21.4	
10	iP_{zNE}	01 03 30	U.S.C.G.S.
	iPP_{NE}	01 05 21	Kamchatka aftershock
	iS_{NE}	01 10 19	H=00:55:00
	$iScS_{N}$	01 13 15	
	iSS	01 13 53	
	eL_{N}	01 17.0	
	F	01.9	
10	eP_{z}	03 36 30 Probably d	
10	iP_{z}	05 33 58 c	
	iS_{NE}	05 40 31	
	eL_{NE}	05 52.0	
	F	06.0	

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DATE	PHASE	h m s	REMARKS
10	e_Z	06 14 26	
	iS_{NE}	06 21 25	
	eL_N	06 27.0	
	F	06.9	
10	eP_Z	09 48 21	
	eS_{NE}	09 55 10	
	F	10.4	
10	e_Z	20 34 40	
	iP_ZZNE	20 34 42 d	
	iS_{NE}	20 41 10	
	F	21.4	
10	iP_Z	22 02 21 c	
10	iP_Z	23 20 32 d	
11	iP_Z	01 04 51 c	
	eS_{NE}	01 11 28	
	eL_E	01 21.8	
	F	01.7	
11	iP_Z	01 18 28 c	
11	iP_Z	03 27 08 c	
11	e	05 35 25	
11	iP_Z	14 18 49 c	
11	iP_Z	19 28 57 c	
	iS_{NE}	19 35 34	
	eL_E	19 45.4	
	F	20.0	
12	eP_Z	00 49 30 Probably d	
12	iP_Z	13 47 02 c	
	eS_E	13 53.9	
	F	14.2	
12	e_Z	16 05 35	
12	e_Z	16 50 13	
	iS_{NE}	16 56 45	
	eL_E	17 11.6	
	F	17.5	
12	eP_Z	17 34 41	

International Seismological Centre From the ISC collection scanned by SISMOS

November, 1952

DATE	PHASE	h m s	REMARKS
13	iP NE	08 07 13	U.S.C.G.S.
	iPPzE	08 09 03	50 1/2N 157E
	iSNE	08 14 00	Near south coast of
	iScSE	08 16 53	Kamchatka
	iSS	08 17 31	H=07:58:45
	eL	08 19.6	
	F	09.3	
13	e_z	10 46 11	
13	e_z	15 30 43	
	iSNE	15 36 59	
	eL	15 46.9	
	F	16.3	
13	iPzZ	22 34 02	U.S.C.G.S.
	iPPz	22 35 38	50°N 158°E
	iSZNE	22 40 57	Off south coast of
	i	22 43 33	Kamchatka
	eL	22 52.5	H=22:25:34
	F	23.3	
15	iPz	01 12 52 c	
15	iPz	05 08 24 c	
	iE	05 23 23	
	F	06.1	
15	e_z	05 31 17	
	iPz	05 31 26 d	
16	iPz	01 56 23	U.S.C.G.S.
			50 1/2°N 157°E
			Near south coast of
			Kamchatka
			H=01:47:54
16	e_z	04 18 48	
16	e_z	12 38 24	
16	e_z	15 17 20	U.S.C.G.S.
			2°N 29 1/2°W
			Mid-Atlantic Ocean
			H=15:05:02
16	iE	08 03 15	U.S.C.G.S.
	iE	08 05 37	Near southeast coast of
	F	08.9	New Guinea
			H=07:38:25
17	iPz	12 11 07 d	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
17	iP_Z	13 29 42 d	
18	iP_Z	07 50 56 d	
18	iP_{ZNE}	08 22 02 c	U.S.C.G.S.
	iPP_Z	08 23 48	49 1/2°N 156 1/2°E
	iS_{NE}	08 28 52	off south coast of
	$iScS_{NE}$	08 31 41	Kamchatka
	eL	08 37.0	H=08:13:25
	F	09.3	
18	iP_Z	08 51 04	U.S.C.G.S.
	iPP_Z	08 52 48	50 1/2°N 156°E
			near south coast of
			Kamchatka
			H=08:42:30
19	iP_Z	10 35 16 c	U.S.C.G.S.
			29 1/2°N 86 1/2°E
			Southern Tibet
			H=10:23:28
19	e_Z	21 19 45	
20	iP_Z	05 31 41 c	
20	iP_Z	11 34 30 d	
20	eP_Z	15 47 36	U.S.C.G.S.
	iP_Z	15 47 37 c	12 1/2°N 88°W
	iPcP	15 48 05	off coast of Nicaragua
	isP	15 48 17	h = 60 km.
	iS	15 56 03	H = 15:37:17
	iSS	16 00 37	Δ = 6850 km.
	iL	16 01.6	
	F	17.4	
21	iP_Z	02 36 28 d	
21	iP_Z	03 28 00 c	
	iS_E	03 34 56	
	eL_E	03 44.7	
	F	04.2	
21	iP_Z	07 19 34 c	U.S.C.G.S.
			About 200 miles northeast
			of Puerto Rico
			H = 07:06:13
21	e_Z	14 23 08	

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DATE	PHASE	h m s	REMARKS
21	eP_z	17 32 09	U.S.C.G.S.
	iP_{zNE}	17 32 10 d	66°N 166°W
	iS_{NE}	17 36 30	Western Alaska
	eL_{NE}	17 39.9	H=17:26:50
	F	18.2	
22	iP_z	05 17 33 c	
22	iP_{zNE}	07 54 22 d	U.S.C.G.S.
	iPcP	07 56 52	35°.8N 121°.1W
	iS_{NE}	08 00 36	San Luis Obispo County,
	iSS	08 03 29	California
	iL_E	08 07.	H=07:46:37
	F	9.0	Δ=4550 km.
22	iP_z	16 22 11 c	
23	iP_z	23 29 52 c	
24	iP_z	00 22 32 c	
24	iP_z	02 26 07 d	
24	iP_z	07 56 55 c	
24	e_z	17 06 35	
24	eP_z	21 44 00	
	iS_z	21 50 17	
	i_z	21 52 06	
	F	22.1	
24	iP_z	22 23 46 Probably c	
25	eP_z	16 25 33	
26	e_z	00 14 06	
26	e_z	00 20 28	
26	e_z	07 51 54	
	i_z	07 53 29	
26	iP_{zE}	13 33 21	U.S.C.G.S.
	iS_{NE}	13 39 48	Foreshock of Kamchatka quake
	eL_E	13 49.0	of Nov. 29
	F	14.2	H=13:25:18
26	eP_z	23 14 27	
27	eP_z	04 38 03	
	F	[illegible]	H=23:40:[illegible]
30	iP_{zNE}	06 41 24 c	U. S. C. G. S.
	eS_N	06 45.4	Near south coast of Kodiak
	F	06.9	Island, Alaska
			56 1/2°N 154°W
			H=06:35:14

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	PHASE	h m s	REMARKS
21	eP_Z	17 32 09	U.S.C.G.S.
	iP_{ZNE}	17 32 10 d	66°N 166°W
	iS_{NE}	17 36 30	Western Alaska
	eL_{NE}	17 39.9	H=17:26:50
	F	18.2	
22	iP_Z	05 17 33 c	
22	iP_{ZNE}	07 54 22 d	U.S.C.G.S.
	iPcP	07 56 52	35°8N 121°1W
	iS_{NE}	08 00 36	San Luis Obispo County,
	iSS	08 03 29	California
	iL_E	08 07.	H=07:46:37
	F	9.0	Δ=4550 km.
22	iP_Z	16 22 11 c	
23	iP_Z	23 29 52 c	
24	iP_Z	00 22 32 c	
24	iP_Z	02 26 07 d	
24	iP_Z	07 56 55 c	
24	e_Z	17 06 35	
24	eP_Z	21 44 00	
	iS_Z	21 50 17	
	i_Z	21 52 06	
	F	22.1	
24	iP_Z	22 23 46 Probably c	
25	eP_Z	16 25 33	
26	e_Z	00 14 06	
26	e_Z	00 20 28	
26	e_Z	07 51 54	
	i_Z	07 53 29	
26	iP_{ZE}	13 33 21	U.S.C.G.S.
	iS_{NE}	13 39 48	Foreshock of Kamchatka quake
	eI_E	13 49.0	of Nov. 29
	F	14.2	H=13:25:18
26	eP_Z	23 14 27	
27	eP_Z	04 38 03	

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DATE	PHASE	h m s	REMARKS
27	ePz	07 31 17	U. S. C. G. S.
	iPz	07 31 18 d	37°N 70°E
	iSN	07 40 08	Northern Afghanstan
	iN	07 40 54	H=07:20:13
	iNE	07 41 16	Δ=7600
	iSS	07 44 33	
	eL	07 47.7	
	F	07.9	
28	iPz	05 46 38 d	U. S. C. G. S.
			Assam-Burma border
			H=05:34:21
28	ez	01 24 06	U. S. C. G. S.
			7°N 79°W
			Off south coast of Panama
			H=01:12:56
			Δ=7500km.
28	iPz	08 13 44 c	U. S. C. G. S.
	iSN	08 20 21	52°N 160°E
	iN	08 20 35	Near east coast of Kamchatka
	iScS	08 23.7	H=08:05:30
	eLN	08 27.4	
	F	08.9	
28	iPz	21 15 13 d	U. S. C. G. S.
	eS	21 26 38	6 1/2S 155 1/2E
	iSS	21 27 32	Solomon Islands
	F	22.2	h=100 km.
			H=21:01:27
			Δ=11200
29	$ePzNE$	08 30 41	U. S. C. G. S.
	iPz	08 30 44 d	53°N 160°E
	$iPPzNE$	08 32 28	Near east coast of Kamchatka
	$iPPPz$	08 33 13	H=08:22:34
	iS	08 37 12	Δ=4800 km.
	F	10.2	
29	$iPzN$	23 52 26	U. S. C. G. S.
	iPPE	23 53 24	56°N 155°W
	$iSzE$	23 58 55	Off south coast of Alaska
	F	27.5	Peninsula
			H=23:46:25
30	$iPzNE$	06 41 24 c	U. S. C. G. S.
	eSN	06 45.4	Near south coast of Kodiak
	F	06.9	Island, Alaska
			56 1/2°N 154°W
			H=06:35:14

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DATE	PHASE	h m s	REMARKS
30	iP_z	12 37 36 d	
30	eP_z	16 36 28	U.S.C.G.S. Aftershock of Kodiak Island quake H=16:30:25
30	eP_z	18 39 43	
30	iP_z	19 36 54 Probably d	U.S.C.G.S. 52 1/2°N 159°E Near east coast of Kamchatka H=19:28:44
	iPP_{zZ}	19 38 47	
	iS_{NE}	19 43 23	
	iSS_{NE}	19 46 40	
	eL_{ZNE}	19 49.0	
	F	20.4	

F. Lombardo
Seismologist-in-charge
Resolute Bay.

International Seismological Centre From the ISC collection scanned by SISMOS

SEISMOLOGICAL SERVICE OF CANADA

DOMINION OBSERVATORY, OTTAWA

STATION: Resolute Bay, Northwest Territories

December, 1952

DATE	PHASE	h m s	REMARKS
1	iP_Z	13 06 10 d	
1	iP_Z	14 40 40 d	
2	eP_Z	08 56 41	
	eL_{NE}	09 09.1	
	F	09.3	
2	eP_Z	19 08 22 Probably d	
	iS_E	19 14 56	
	eL_{NE}	19 34.2	
	F	19.8	
3	eP_Z	00 16 20 Probably c	
	i_Z	00 16 43 c	
	i_Z	00 17 19 d	
3	eP_Z	00 38 25 Probably d	
	e_N	00 42 56	
	eL	00 48.3	
	F	01.2	
3	eP_Z	14 15 55	
	i_Z	14 15 57 d	
	i_Z	14 16 03	
3	e_Z	22 33 44	
4	iP_{ZE}	03 59 03 d	U.S.C.G.S.
	i_pP_Z	03 59 15	52°N 178°E
	isP_{ZE}	03 59 33	Rat Island, Aleutians
	iPP_Z	04 00 34	h=100 km.
	$iPcP_Z$	04 01 03	H=03:51:25
	iS_E	04 04 56	Δ=4400 km.
	iSS_E	04 08 12	
	iL_E	04 10.1	
	F	04.5	
4	eP_Z	10 58 39	U.S.C.G.S. 49°N 157°E Off south coast of Kamchatka H=10:49:35
4	eP_Z	11 18 43	
6	e_Z	01 14 10	

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DATE	PHASE	h m s		REMARKS
6	eP_Z	03 43 01		
	iP_Z	03 43 02	d	
	i_Z	03 43 23		
	iS_E	03 50 04		
	F	04.5		
6	e_Z	06 56 01		
6	eP_{ZE}	10 55 16	Probably c	U.S.C.G.S.
	iPP_E	10 59 35		8°S 157°E
	iS_E	11 06 44		Solomon Islands
	i_E	11 08 44		H=10:41:14
	iSS_E	11 13 48		Δ=11,300 km.
	F	14.5		
6	eP_Z	21 04 32		U.S.C.G.S.
	eS_E	21 17 43		Solomon Islands
	i_E	21 17 49		aftershock
	i_E	21 18 41		H=20:50:35
	eL	21 42.2		
	F	22.1		
7	iP_{ZNE}	oo 58 00	c	U.S.C.G.S.
	iPP_{ZNE}	oo 59 51		53°N 172 1/2°E
	$iPPP_{ZE}$	01 00 28		Aleutian Islands
	iS_{NE}	01 04 09		H=00:50:12
	F	02.9		Δ=4450
7	iP_Z	16 41 27		
	iS_{NE}	16 48 05		
	eSS_E	16 51 31		
	eL_E	16 57.1		
	F	17.3		
8	e_Z	04 28 48		
8	eP_Z	15 21 53	Probably c	U.S.C.G.S.
	eS_E	15 32 16		23°N 99 1/2°E
	eSS	15 37 22		Chura-Burma border
	iL	15 51.5		H=15:09:30
	F	16.4		Δ=9050 km.
10	iP_{ZNE}	06 03 20		U.S.C.G.S.
	ePP_{NE}	06 04 06		71°N 7°W
	$ePPP_E$	06 04 20		Jan Mayen Isl. region
	iS_{NE}	06 07 45		H=05:58:06
	iSS	06 08 55		Δ=2650 km.
	eSSS	06 09 05		
	eL	06 09.5		
	F	07.3		

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DATE	PHASE	h m s	REMARKS
10	eP	12 52 29	U.S.C.G.S. Arctic Ocean, north of Nicholas II Land H=12:47:44
11	iP_{ZNE}	09 06 57 c	U.S.C.G.S. 49°N 155°E Kinile Islands H=08:58:18 h=60 km. Δ=5300 km.
	i_sP_Z	09 07 31	
	iPP_{NE}	09 08 51	
	iS_{NE}	09 13 55	
	$iScS_E$	09 16 47	
	iSS_{NE}	09 17 11	
	$iSSS_E$	09 17.9	
	eL_{NE}	09 22.0	
	F	10.5	
11	eP_Z	13 20 23 Probably c	
11	iP_Z	17 56 57 d	
12	eP_Z	00 53 54	U.S.C.G.S. 56 1/2°N 154°W Near south coast of Kodiak Island H=00:47:56 Δ=3150 km.
	i_Z	00 54 00 d	
	iS_{NE}	00 58 43	
	eL_{NE}	00 03.4	
	F	01.6	
12	e_Z	05 26 54	U.S.C.G.S. 56 1/2°N 150 1/2°W Off south coast of Kodiak Island H=05:21:04
12	iP_Z	07 02 36 d	
12	eP_Z	20 40 22 c	
	i_Z	20 40 33 d	
	eL_E	21 00.6	
	F	21.2	
14	eP_Z	02 22 18 Probably d	
14	eP_Z	07 22 29	
14	eP_Z	10 48 30	U.S.C.G.S. 19°N 69°W Dominican Republic H=10:38:39 Δ=6300 km.
14	e_Z	11 06 18	
14	iP_Z	12 13 10 d	

International Seismological Centre From the ISC collection scanned by SISMOS

December, 1952

DATE	PHASE	h m s	REMARKS
15	eP_Z	09 53 28 d	U.S.C.G.S.
	iS_N	10 00 04	51 1/2°N 160 1/2°E
	eL_{NE}	10 12.2	Off east coast of Kamchatka
	F	10.5	H=09:45:12
16	e_Z	06 24 39	
16	e_Z	12 06 33	
16	eP_Z	23 32 28 Probably d	
17	iP_{ZNE}	04 49 31 Probably d	Local
	iS_{ZNE}	04 49 36	
	F	04.8	
17	e_Z	12 02 17	
17	iP_{ZNE}	23 14 34 c	U.S.C.G S.
	iS_{ZNE}	23 23 09	34 1/2°N 24°E
	i_{NE}	23 24 22	Near south coast of Crete
	eL	23 31.4	H=23:03:58
	F	24.2	Δ=7050 km.
18	eP_Z	01 32 50	
18	iP_Z	09 28 26 c	U.S.C.G.S.
	iS_{NE}	09 34 48	53 1/2°N 162°E
	eL_E	09 46.9	Off east coast of Kamchatka
	F	10.1	H=09:20:28
18	eP_Z	10 38 46	
18	eP_Z	18 50 29 d	
18	eP_Z	21 16 19	U.S.C.G.S. Ryukyu Islands H=21:04:49
19	iP_Z	07 01 44 c	
19	iP_Z	07 40 06 d	
20	iP_Z	04 13 50 c	U.S.C.G.S.
	iPP_Z	04 15 38	53°N 160°E
	eS	04 20 35	Near east coast of Kamchatka H=04:05:48
22	eP_Z	06 36 58	
22	iP_{ZNE}	22 32 40 c	U.S.C.G.S.
	iS_{NE}	22 38 58	54°N 160 1/2E
	eL_{NE}	22 42.0	Near east coast of Kamchatka
	F	23.3	H=22:24:42 Δ=4700 km.

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DATE	PHASE	h m s	REMARKS
23	eP_Z	23 10 04	
24	eP_Z	08 47 17	U.S.C.G.S. New Britain foreshock H=08:33:25
24	eP_Z	09 06 33 d	
24	iP_Z i_Z	14 38 49 c 14 39 58	U.S.C.G.S. 29°N 130°E Ryukyu Islands H=14:27:21
24	iP_Z iPP_Z	15 58 03 c 15 59 35	U.S.C.G.S. 50°N 155 1/2°E Off south coast of Kamchatka H=15:49:27
24	eP_Z eP_{NE} iS_{NE} iPS_E iSS_E eL_Z F	18 53 30 d 18 53 37 19 05 11 19 06 38 19 12 27 19 37.4 23.1	U.S.C.G.S. 5 1/2°S 151 1/2°E New Britain H=18:39:33 Δ=11,150 km.
24	iP_Z	21 50 59 d	U.S.C.G.S. New Britain aftershock H=21:37:05
25	eP_Z iS_E i_E iL	02 42 34 Probably d 02 53 09 03 02 29 03 04.5	U.S.C.G.S. New Britain aftershock H=02:28:39
25	eP_Z F_E	03 48 44 05.1	
25	iP_Z	22 34 32 d	U.S.C.G.S. 29°N 69 1/2°E Central Pakistan H=22:22:42
25	eP_Z FE	23 16 44 23.6	U.S.C.G.S. 53°N 159°E Near east coast of Kamchatka H=23:08:35
26	eP_Z	04 16 29	
27	iP_Z	00 05 14 c	

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DATE	PHASE	h m s	REMARKS
27	iP_Z	01 34 04 Probably c	U.S.C.G.S.
	iS_{NE}	01 40 46	53°N 160°E
	eL_E	01 51.0	Near east coast of Kamchatka
	F	02.3	H=01:25:54
27	eP_Z	06 17 42	
27	eP_Z	07 00 14	
27	eP_Z	15 43 31	
28	iP_Z	05 00 28 d	U.S.C.G.S.
	e_Z	05 01 27	65 1/2°N 167 1/2°W
	iS_{NE}	05 04 51	Near west coast of Seward
	i_E	05 05 54	Peninsula, Alaska
	eL_{NE}	05 07.5	H=04:55:06
			Δ=2,700 km.
28	eP_Z	05 31 29 Probably c	U.S.C.G.S.
	iSNE	05 35 54	Seward Peninsula aftershock
	F	05.7	H=05:26:08
28	iP_Z	15 02 39 d	
28	eP_Z	15 14 44 Probably d	
	i_{NE}	15 18 38	
	eL_E	15 25.5	
	F	16.9	
28	eP_Z	18 52 30	U.S.C.G.S.
			Off south coast of Pakistan
			H=18:40:20
29	iP_ZZE	02 17 50 d	U.S.C.G.S.
	iPPZ	02 19 43	49°N 158°E
	iPPPZ	02 21 14	Off south coast of Kamchatka
	iS_{ZNE}	02 24 47	H=02:09:13
	eL	02 35.5	Δ=5,200 km.
	F	03.0	
29	eP_Z	09 31 29 d	
29	eP_Z	12 25 43 Probably d	
29	eP_Z	12 33 13 c	
30	eP_Z	07 49 23	
30	eP_Z	13 17 39	
	iP_Z	13 17 41 d	
	eS_E	13 26 30	
	eL_E	13 38.8	
	F	13.9	

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DATE	PHASE	h m s	REMARKS
31	eP_Z	12 24 35 Probably c	
31	eP_Z	14 59 11 Probably d	U.S.C.G.S. Near north coast of Crete H=14:48:41
31	eP_Z	17 29 14 Probably c	U.S.C.G.S. Near north coast of Crete H=17:18:44
31	iP_Z	21 52 28	U.S.C.G.S.
	eS_E	21 59 18	49°N 156°E
	eL_E	22 07.5	Kurile Islands
	F	22.4	H=21:43:49

F. Lombardo
Seismologist-in-charge
Resolute Bay.