

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

PRELIMINARY BULLETIN

JANUARY
1947

No. 110

03 iP 02 29 50 D
iPP 33 13
i 26
eS₁ 40 31
i 33
eSSS 49 57
eG 53 20

Distance - 87.6
H - 02 17 00
U.S.C.G.S.: 44 N, 144 E
Off the east coast of Hokkaido Island,
Japan.

04 e 04 50 30

04 e 18 19 03
e 20 00

06 e 15 56 52

14 e 05 04 13 ?
i 49
e 06 03
e 20

15 eM 18 46 04

Distance - 35.6
H - 18 28.0 ; U.S.C.G.S.: 27 N., 111 W
Gulf of California

16 e 15 40 30

17 e 00 48 00

20 e 11 00 45

20 e 12 03 26

20 e 16 42 08 ?

20 e 21 36 46

21 iP 20 17 35 DS

Distance - 67.4
H - 20 06.7; U.S.C.G.S.: 25 S, 70 W.
Near Coast of Northern Chile

23 iP 16 07 36 DNW
e 27 36

Distance - 58.8
H - 15 57 30
U.S.C.G.S.: 53 N, 164 W; South of
Unimak Island, Aleutian Islands.

24 e 17 31 00
e 36 32
e 47 25

25 e 03 27 00
e 28 26

JANUARY
1947

3 2 -

No. 110 Cont.



25 iP 03 59 10 DSW
iS₂ 04 04 31
eG 06 11
eScS 09 53
iScS 10 11

Distance - 33.2
H - 03 52 31
U.S.C.G.S.: 13 N, 88 W
Fonsecas Bay, between Nicaragua and
El Salvador.

26 iP 10 13 10
i 14
iPPP 14 28
iS 18 17
iSS 20 12
iQ 20 52
iV 22 37

Distance - 31.2
H - 10 06 49
U.S.C.G.S.: 13 N, 86.3 W
Western Nicaragua

27 e 01 24 00

29 iP 08 28 00.5 DSE
iPcP 24.5
iPP 30 40
iS 36 20
i 37 04
e 39 44

Distance - ca. 67.1
H - 08 17 49
Depth ca. 300 km.
U.S.C.G.S.: 27 S, 63 W.
About 100 miles east of Santiago del
Estero, Argentina.

J. I. Monagle, S.J.

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

FEBRUARY
1947

PRELIMINARY BULLETIN

No. 111

02 i 04 13 57.5
i 14 04.6
eL 33 00
e^{tr} 35 09

03 iP 16 51 26.5
ipP 52 10.0

04 e 06 55 52

04 i 23 51 28 DS

07 iP 08 59 33
e 09 32 00
e 39 40
e 42 10
e 44 12

07 e 10 41 58 $\nearrow$
e 42 58

08 e 11 03 02
e 47 19
e 48 33
e 49 48
e 51 02

08 e 12 00 04
e 15 40

09 e 05 00 28

10 e 04 40 52

11 e 19 02 55

12 e 21 04 12

15 i 01 17 46.8 D
e 38 44

16 iP 02 22 25.2 D

24 iP 17 41 20 CN
i 37
eS? 51 03
e^{tr} 59 10

26 e 02 09 08

26 i 05 52 36

Distance - ca. 53.4
H - 17 31 58

J. I. Monagle, S.J.

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

PRELIMINARY BULLETIN

MARCH
1947

No. 112

02 iP 19 31 55 CNW
i 32 27
es? 48 34
e 49 42
e 20 07 18
e 08 20

Distance - ca. 138 Degrees.

07 e 04 53 14

11 iP 23 08 22 C
i 35.0

14 e 02 05 18 CNE

16 e 10 41 00

17 eSKKS 08 44 28
e 47 10
iPPS 48 05
iSS 53 00
iPSPS 22
iSSS 56 43
e? 09 04 07
e? 09 07

Distance - 110 Degrees

H - 08 19 28

29 N, 100 E., H - 08 19.3

Sikang Province, China. U.S.C.G.S.

18 e 15 45 00

21 i 23 11 17.5 D

22 i 09 52 05 D

25 ePP 20 53 35
iPSPS 21 11 06
eSSS 15 18
eG 25 14
eL 27 08

Distance - 128 Degrees,

H - 20 32 01

39 S, 178.5 E, H - 20 32.2

Poverty Bay, off the east coast of
North Island, New Zealand. 30 ft.

tidal wave reported along the east
coast. U.S.C.G.S.

J. I. Monagle, S.J.

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

PRELIMINARY BULLETIN

APRIL 1947

No. 113

01	eS _n	13 27 09	Felt in Pompton Lakes, New Jersey (41 01' N. 74 18' W.)
01	iP i	14 27 08.2 C 20.8	
02	iP' iPP i eSKS eSKKS ePPS eSS eSSS	05 58 33 CNE 06 00 40 01 56 05 42 07 41 12 30 13 38 23 12	Distance - 131 Degrees, H - 05 39 20 1 S., 141 E., off the northern coast of New Guinea. H - 05 39.3 (USCGS).
02	e e e	21 10 30 14 02 15 12	
04	e e	02 09 02 18 57	
10	eP iS ₂ eL i iM	16 05 10 10 56 13 18 15 00 16 36	Distance - 36.7 Degrees, H - 15 58 02 35.0 N., 116.6 W., 125 miles northeast of Los Angeles, California. H - 15 58 04 (USCGS)
11	e	01 13 00	
11	e e	14 58 53 15 28 08	
12	e	12 57 00	
13	eP? e	03 53 17 04 25 22	
14	e e e	03 23 20 35 20. 04 04 10	
14	iP i iS ₁ iS ₂ eSS eL	07 28 18 D 28 38 52 39 00 44 42 54 43	Distance - 86.2 Degrees, H - 07 15 36
19	eL	21 01 20	
22	e	19 34 24	
23	eP eS	04 54 02 58 10	Distance - 23.6 Degrees, H - 04 48 47 Caribbean Quake.
24	e	05 05 24	

APRIL 1947

- 2 -

No. 113

24	iP	19	43	26
	i		45	40
	iS ₂		50	02
	eSS		53	21
	i		54	18
	i		55	18

Distance - 45.3 Degrees, H - 19 35 04
8 N., 37.5 W., Atlantic Ocean, 800 miles
off northeast coast of South America,
H - 19 35.1 (USCGS).

26	e	13	43	00
----	---	----	----	----

27	e	08	22	48
----	---	----	----	----

30	e	05	11	00
	e		12	21
	i		25	34

30	e	17	32	50
----	---	----	----	----

J. I. Monagle, S.J.

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

PRELIMINARY BULLETIN

MAY 1947

No. 114

02 e 01 53 04

02 iP 02 28 57 DNW
eS₂ 37 00
i 18
eScS 38 51
eSS 40 56

Distance - 58.5 Degrees, H - 02 19 00
54 N., 164 E., south of Unimak Island,
Aleutian Islands (USCGS)

05 eL 05 11 04

06 e 12 58 04

06 iP' 20 49 46
iPP 51 53
iPKS 53 24
eSKSP 01 54
iPSPS 10 00
iSSS 14 06
iL 26 06

Distance - 130 Degrees, H - 20 30 30
7 S, 150 E., 200 mi. off the southeast coast
of New Guinea, H - 20 30.7 (USCGS).

07 eL 15 17 50

09 eS₂ 00 07 52

Distance - ca. 44 Degrees; 61 N., 139 W.
(Yukon, Northwest Canada, H - 23 52.8, May 8th
(USCGS).

09 eL 13 45 14

10 eL 00 48 00

11 e 05 25 32

11 eL 06 59 30

11 eP' 18 59 44

A very distant weak quake.

11 e 23 12 58

12 eL 11 13 54

14 eL 03 22 06

17 eP' 07 25 59
ePP 23 12
ePKS 29 32
eSKS 33 10
ePPS 39 47
iSS 45 16
iPSPS 46 06
eSSS 53 36
eL 08 00 08

Distance - 129 Degrees, H - 07 06 48
37.5 S., 180, off northeast coast of North
Island, New Zealand. H - 07 06.7 (USCGS).

18 eL 02 01 30

21 e 17 41 20

22 e 09 24 08

24 e 13 38 50

May 1947

- 2 -

No. 114

25	eP	16 05 12	
	eL	24 52	
26	eL	00 01 50	
26	e	11 50 02	
27	iP	03 54 20	
	e	57 30	
27	iP'	06 18 12	D
	ePP	20 44	
	iSKP	22 18	
	eSKSP	30 58	
	eSS	39 08	
	i	41 50	
	eSSS	48 04	
	eL	57 16	
	eM	07 02 00	
27	eL	17 58 00	
27	iP	21 06 14	
	e	17 30	
28	e	15 33 30	
29	e	23 32 20	
30	e	13 48 52	

Distance - 137 Degrees, H - 05 58 48
 2 S., 141 E. off north east coast of New
 Guinea, H - 05 59.2 (USCGS).

J. I. Monagle, S.J.

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

$h = 65$ meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE



PRELIMINARY BULLETIN

June 1947

No. 115

01 iP 11 29 40 C
e 38 52
e 46 20

02 e 07 05 52
e 11 30
e 15 02

03 e 04 54 30

03 e 05 52 10

04 eL 01 00 02

05 e 12 58 30

05 iP 23 04 45 ONE
iS₂ 09 59

Distance - 32.4 Degrees, H - 22 58 12
14 N., 90 W., near coast of El Salvador,
H - 22 58.2 (U.S.C.G.S.)

07 eL 06 09 02

07 ePPS 19 20 08
eSS 25 28
ePSPS 26 04

Distance - ca. 124 Degrees.
11 N., 127 E., near Samar, Philippine
Islands, H - 18 47.9 (U.S.C.G.S.)

09 eL 06 27 58

10 eL 12 06 00

10 eL 19 54 38

12 eP' 09 21 31
iPKS 25 13
iSS 41 59

Distance - 134 Degrees, H - 09 02 12
1 N., 127 E., near Gilolo Island
H - 09 02.4 (U.S.C.G.S.)

13 eP 20 39 20 C
iSKS 49 22
ePKKP 54 36

Distance - 111.5 Degrees, H - 20 24 24
19 N., 146 E., 400 mi. north of Guam
H - 20 24.7 (U.S.C.G.S.)

14 ePP 00 09 09 D
iSKS 15 18
eL 45 10

Distance - 109 Degrees, H - 23 50 18
Aftershock of above.

June 1947

- 2 -

No. 115



14	eL	17 21 00
15	eL	11 36 10
16	eL	10 54 00
16	eL	21 59 02
17	eL	01 59 10
17	iP	14 10 03
	eL	50 00
18	e	00 51 00
18	e	03 49 02
19	e	02 59 02
19	eP'	07 53 06
	iPKKP08	04 20
19	e	12 41 10
19	eP	22 55 48
	iS ₂	23 02 28
20	e	12 48 00
20	eP	13 39 53
	e	40 00
	e	49 32
20	e	23 50 00
21	e	07 56 04
21	eP	21 19 31
22	e	02 06 00
22	e	19 03 20
22	eL	23 49 40
28	eP	02 10 14 CNW
	e	52 10
28	e	19 37 52
28	e	22 42 00
30	e?	08 10 52
	e	14 21
	eL	09 02 00

Distance - 109 Degrees, H - 07 34 32
22 N., 146 E., 600 mi. north of Guam
H - 07 34.6 (U.S.C.G.S.)

Distance - 46.2 Degrees, H - 22 47 20

J. I. Monagle, S.J.

$\phi = 42^{\circ} 23' 00''$ N
 $\lambda = 71^{\circ} 19' 20''$ W

$h' = 65$ meters
Gabbrodiorite.

WESTON, MASS.
BULLETIN
of the Weston College Seismological Observatory



Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omeri 25k NE

July 1947

PRELIMINARY BULLETIN

No. 116

02	e	21 45 22	
04	eL	01 59 24	
07	eP	22 46 38	D
	eM	23 15 10	
09	e	18 56 20	
10	eP	10 55 04	
	eS ₂	11 00 14	
	iM ²	04 40	
			Distance - 31.6 Degrees, H - 10 48 41 73 N., 70 W., Baffin Bay, H-10 48.8 (U.S.C.G.S.)
10	eP	16 11 54	?
	eS	17 22	?
			Distance - 34.2 Degrees 14 N., 93 W., off coast of Guatemala. (U.S.C.G.S.)
11	e	20 50 30	
12	eP	02 11 30	C
	iSKS	21 59	
			Distance - 96.0 Degrees, H-01 58 01 45 N., 149 E., Kurile Islands, H - 01 58.8 , (U.S.C.G.S.)
12	eP	12 44 22	?
	ePP	49 05	
	ePS	58 40	
			Distance - ca. 112 Degrees 20 S., 176 W., Tonga Islands, H - 12 29.6 , (U.S.C.G.S.)
13	eL	06 42 00	
13	e	13 24 30	
	e	26 19	
			19 S., 179 W., east of Fiji Islands, h - ca. 100 km., H - 12 57.3 , (U.S.C.G.S.)
16	e	20 11 44	
17	ePR ₂	04 56 46	
	eSR ₁	05 11 12	
20	eL	11 19 10	
21	iP	10 16 32	

56-46
32-38
24-07

July 1947

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No. 116



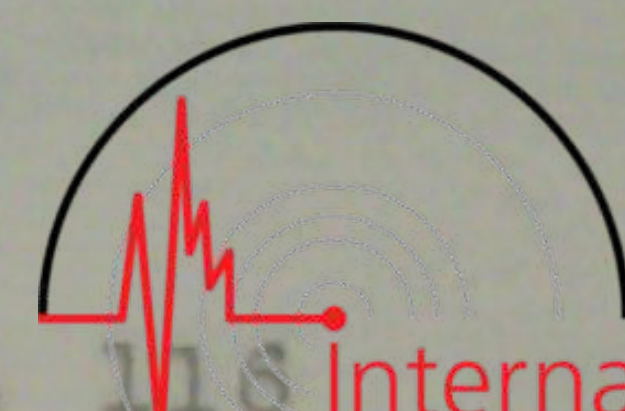
International
Seismological
Centre

23	EP	05 18 58		Distance - 21.6, H - 05 14 05
	eS	22 51		17 N., 68.5 W., H - 05 13.4, off
	eT	41 01		southwest coast of Puerto Rico. (U.S.C.G.S)
23	eP	17 27 28		Distance - 104 Degrees, H- 17 13 23
	ePP	31 45		24 N., 120 E., H - 17 33.3 ?, off west
	iSKKKS	39 12		coast of Formosa. (U.S.C.G.S.)
	iSS	46 30		
24	e S	09 05 46		
	e	22 45		
24	e	11 18 02		
	e	38 58		
24	eP'	12 35 58		Distance - 124 Degrees, H- 12 16 56
	iPP	37 34		18.5 S., 170 E., New Hebrides Islands
	eSKS	42 59		(U.S.C.G.S.)
	iSS	54 06		
24	e	16 24 50		
24	e	17 31 52		
24	e	22 23 42		34.0N., 116.5 W., H - 22 10 46
	iM	29 40		Felt in most of S.E. California, (Pasadena).
25	e	01 05 50		
25	e	02 28 00		
25	iM	06 38 40		
25	iP	19 18 51	DS	Distance - 64.7 Degrees, H- 19 08 56
	ePP	21 28		21 S., 67 W., Northern Argentina, (USCGS)
	iS	27 02		H - 19 09.0, h- ca. 350 km.
	eSS	31 36		
26	eL	03 08 36		
26	e	12 23 52		
26	eL	17 01 50		
26	e	22 03 52		
26	eP	22 56 57.5		Distance - 23.2 Degrees, H - 22 51 48
	eS	23 01 03		Caribbean Quake?
27	e	20 03 50		
28	iP	03 57 29	DNW	Distance - ca. 48.8 Degrees, H-03 48.7
	ePP	59 22		62.5 N., 151 W., south central Alaska.
				(U.S.C.G.S.)
29	eL	07 35 46		

July 1947

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No. 118



International
Seismological
Centre

29 eP 13 57 44 C
iPP 14 02 15
iSKS 08 22

Distance - 110 Degrees, H- 13 43 15
29.5 N., 97 E., border of Tibet and
Burma, H- 13 43.5, (U.S.C.G.S.)

30 eP 04 14 57
eS 18 52
eT 38 10

Distance - 21.8 Degrees, H- 04 10 02
Caribbean Quake

31 iP 08 04 46.3 D

31 eP 14 21 05
iS2 27 22
eSS 30 22
eL 30 40

Distance - 42.6, H- 14 13 04
0, 84 W., off coast of Ecuador,
H - 14 12.9, (U.S.C.G.S.).

J. I. Monagle, S.J.