

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

WESTON, MASS.

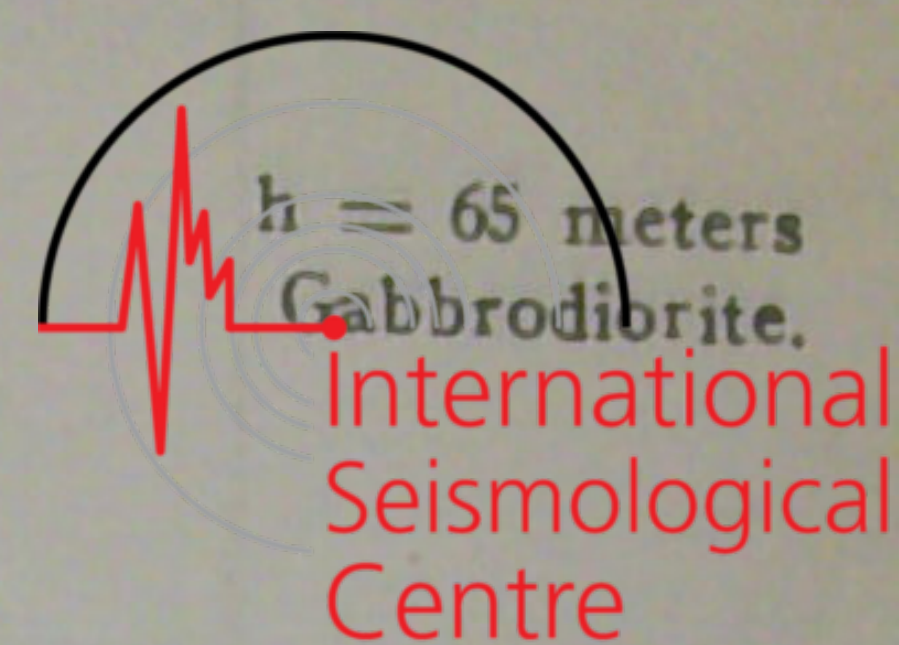
BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE



PRELIMINARY BULLETIN

January 1950

Bulletin No. 145

02	1P (S)	00 47 53 51 43.5	USCGS: 19° N, $67\frac{1}{2}^{\circ}$ W Dist. 23.4°
02	eP eG	01 24 08 34 20	USCGS: 7° N, 34° W Dist. 49.6°
02	1P	13 54 41	USCGS: Turkey
02	1P'	15 33 33	USCGS: $11\frac{1}{2}^{\circ}$ S, 165° E Dist. 122.2°
03	1P' ePP eSS G	03 10 44 12 01 28 30 40 17	USCGS: 18° N, 121° E Dist. 120°
03	eP LSKS eSS Q	11 19 27 30 00 42 42 50 30	Dist. 106°
06	1P	13 50 04	
10	eR	03 28 58	USCGS: 11° N, 103° W
12	1P	12 24 53	USCGS: 17° S, $178\frac{1}{2}^{\circ}$ W Dist. 116.5°
12	1P 1	17 22 48 23 17	USCGS: 42° N, 142° E Dist. 90°
13	1P'	00 30 05	USCGS: 5° S, 151° E Dist. 128°
14	1P eR	00 11 35.5 53 00	USCGS: $4\frac{1}{2}^{\circ}$ S, $152\frac{1}{2}^{\circ}$ E Dist. 126°
21	1P 1	14 21 41 21 53	USCGS: 35° S, 73° W Dist. 78°
23	eP'	10 13 53	USCGS: 10° N, 125° E Dist. 128°

PRELIMINARY BULLETIN

January 1960

Bulletin No. 145

24 IP¹ 17 05 56
 ep² 06 45
 eMKP 15 46
 ISS 24 07
 R 36 00

Dist. 122.5°
 h= 200km

27 sP 20 16 00

USCGB: 17°S, 173°W
 Dist. 111°

30 IP 01 10 00
 IP² 13 51
 IKKS 20 32
 eSS 27 37

Dist. 87°

30 IP¹ 02 53 36
 eSS 05 19 13

Dist. 156°

Daniel Linahan, S.J.
 Seismologist.
 John F. Dovene, S.J.
 Assistant.

$\phi = 42^{\circ} 23' 00''$ 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

February 1950

Bulletin No. 145

03	eR	00 28 00	USCGS: 22°N , $100\frac{1}{2}^{\circ}\text{E}$
03	eR	03 51 50	aftershock of preceding.
03	1P R	16 55 22 17 16 00	
03	1P	18 40 55	USCGS: 45°N , $142\frac{1}{2}^{\circ}\text{E}$
04	1P R	02 17 47 44 10	USCGS: 54°N , 162°W Dist. 57°
05	eP ePP SS	01 42 52 46 08 02 05 14	USCGS: 50°S , 164°E Dist. 145°
07	SS R	01 12 30 30 00	USCGS: $14\frac{1}{2}^{\circ}\text{S}$, $166\frac{1}{2}^{\circ}\text{E}$
07	eP R	10 50 03 11 24 14	USCGS: 46°N , 152°E Dist. 83°
07	1P	21 25 28.5	USCGS: East Central Peru.
08	eP eS M	18 26 12 31 23 55 10	USCGS: 48°N , $27\frac{1}{2}^{\circ}\text{W}$ Dist. 31°
09	eP	21 35 46	
10	eP	20 50 37	USCGS: off coast of El Salvador.
12	1P	09 55 08.6	USCGS: near Crete.
12	SS eR	22 51 36 23 10 50	USCGS: 19°S , 178°E
15	1P	03 49 19	USCGS: 47°N , 154°E
15	1P	15 02 32	New Hebrides region.
18	eP	03 18 55	USCGS: 33°S , 112°W
18	1P	06 23 20	USCGS: $51\frac{1}{2}^{\circ}\text{N}$, $42\frac{1}{2}^{\circ}\text{W}$
18	1P	14 49 30.5	USCGS: 54°N , 164°E
21	1P	22 47 58	USCGS: 55°N , 160.5°E
23	1P eS	03 42 55 52 26	USCGS: 50°N , 146°E -- Dist. 81.5° $h = 500\text{km}$
28	1P 1P 1P	10 33 08 24 36 34 45	USCGS: 46°N , $143\frac{1}{2}^{\circ}\text{E}$ Dist. 87.5° $h = 360\text{km}$

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$h = 65$ meters
Gabbrodiorite.



Wiechert 80k NE

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Bosch-Omori 25k NE

PRELIMINARY BULLETIN

March 1950

Bulletin no. 147

01	aP	09 06 42.3	
	aR	42 38	
02	aP	19 53 52	USCGS: $59^{\circ} \frac{1}{2}'$ S, 74° W
	aR	19 27 02	Dist. 106.4°
03	aR	11 46 00	USCGS: 23° S, $175^{\circ} \frac{1}{2}'$ W
05	aP	18 11 41	USCGS: Northern Chile $h=100$ km.
07	1PP	02 28 31	USCGS: 10° N, 124° E
	aSSS	35 53	Dist. 125.6°
	aSS	45 46	
	aR	03 05 30	
09	1P	10 02 34	USCGS: 18° N, 60° W. Dist. 29°
09	1P	17 46 41	USCGS: 61° N, 151° W. Dist. 49.2°
	1pP	47 11	$h=150$ km.
12	aR	07 34 50	
14	1P	03 12 49	USCGS: 9° S, 74° W. Dist. 50.4°
	1pP	19 22	$h=150$ km.
	aS	25 41	
18	1P	18 28 53	USCGS: $18^{\circ} \frac{1}{2}'$ S, $67^{\circ} \frac{1}{2}'$ W. Dist. 61°
20	aR	15 42 55	USCGS: $40^{\circ} \frac{1}{2}'$ N, $121^{\circ} \frac{1}{2}'$ W.
27	1P	13 15 17	USCGS: $53^{\circ} \frac{1}{2}'$ N, 173° E.
	aPP	17 56	Dist. 69.4°
	aS	24 25	
	G	32 36	
27	aP'	21 53 03.5	USCGS: $5^{\circ} \frac{1}{2}'$ S, 103° E.
	1	33 36	Dist. 142.75°
	aPP	41 16	
	G	22 19 12	
29	aP ₂	14 43 33	41° N, 73.5° W.
	1S ₂	44 06	Dist. 243 km.
29	1P'	13 00 26	USCGS: 3° S, $157^{\circ} \frac{1}{2}'$ E.
			Dist. 134°

Daniel Linahan, S.J.
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BULLETIN

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Wiechert 80k NE

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Bosch-Omori 25k NE



PRELIMINARY BULLETIN

April 1950

Bulletin No. 148

02	1P	02 13 24.7	USCGS: Aleutian region. Dist.(P-H) 66°
03	1P	10 21 01	USCGS: Aleutian region. Dist.(P-H) 66°
03	aP	19 10 54	USCGS: 8°N, 77°W. Dist.(P-H) 40.5°
04	1P	02 51 49.5	USCGS: foreshock of following.
04	1P	02 55 26.5	USCGS: 51½°N, 173°W. Dist.(P-H) 64.4°
04	aP	19 56 59	USCGS: 52°N, 101°E. Dist. 86.8°
	aS	19 07 23	
05	aP	01 28 04	USCGS: 52°N, 177°W. Dist.(P-H) 86.6°
	aQ	47 20	
10	1P	16 56 55	USCGS: 5°N, 76½°W. Dist.(P-H) 37.4°
13	aP	06 28 15	USCGS: West Indies. Dist. 22°
		32 10	H-06 23 17
14	aP	20 12 10	USCGS: 36°S, 105°W. Dist.(P-H) 90°
15	1P	14 57 59.5	USCGS: 14°N, 91°W. Dist. 83°
	apP	14 56 22.5	h-100km
	aS	15 03 52	
16	aP	16 32 29.4	USCGS: 36½°N, 140½°E. Dist.(P-H) 86.7°
16	aP	21 55 42	USCGS: 49°N, 129°W. Dist.(P-H) 40.5°
18	aR	15 00 04	USCGS: 41°S, 106°W.
20	1P	10 03 25	USCGS: 45°N, 150°E. Dist. 86°
	aS	13 46	
	aQ	35 10	
20	1P	17 29 00	USCGS: 54°N, 3°E. Dist.(P-H) 56.8°
23	aP	08 06 03.9	USCGS: West Indies. Dist. 20.6°
		09 57.5	
26	aP	07 16 46.5	USCGS: 54°N, 135°E. Dist. 101°
	1SKG	29 11	
	aSS	37 12	
26	1P	12 28 47.8	USCGS: 53°N, 170°W. Dist.(P-H) 61.4°
	1PeP	39 24	
30	aP	10 40 54.5	USCGS: 24½°S, 112½°W. Dist. 76.6°
	aS	50 46	
	aSS	55 44	
30	1P	18 30 55	USCGS: 10½°S, 75½°E. Dist. 63.2°
	aPP	32 56	
30	1P	23 58 42.5	USCGS: 4½°W, 84½°E. Dist. 58.8°
	aPP	23 56 09	
	aS	00 02 33	

Daniel Zindman, S.J.

$\lambda = 71^{\circ} 19' 20''$ W

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h = 65 meters
Gabbrodiorite.



Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

PRELIMINARY BULLETIN

MAY 1950

Bulletin No. 149

01	eP	09 59 37.2	USCGS	62°N 152°W	(P-H) 46.4°
01	1P	13 40 26.7	USCGS	near Sumatra	
02	eP	04 48 35	USCGS	18°N 102°W	(P-H) 34.6°
02	1P	14 47 43	USCGS	Kurile Island	(P-H) 85.9°
03	1P	07 24 59.7			
07	eP	05 55 54			
	eR	07 49 40			
09	eP	09 31 55	USCGS	38°N 38°W	(P-H) 77°
09	eP	11 39 46			
	ePP	52 02	USCGS	41°N 58°E	85°
	eR	12 00 20			
10	eP	23 53 11.5			
	1	59 43	USCGS	15°S 43°E	118°
	eQ	00 42 00			
11	eP	13 36 01.7	USCGS	Aloutian region	(P-H) 65.4°
15	eR	03 53 50	USCGS	Gulf of California	
15	eR	12 13 20			
17	eP	12 00 22	USCGS	39°N 130°E	(P-H) 97°
17	eP	15 35 57	USCGS	42°N 142°E	(P-H) 91.5°
17	1P	18 33 15			
	1PP	34 07	USCGS	20°S 159°E	124°
	eSG	51 31			
19	eP	02 57 12			
	ePP	59 02	USCGS	20°S 169°E	125°
	1SS	03 16 00			
19	ePP	07 26 19			
	eR	08 05 54	USCGS	20°S 169°E	125°
20	1P	09 45 10.5			
	eR	49 30	USCGS	22°N 45°W	23.8°
21	eP	18 47 21	USCGS	22°N 72°W	(P-H) 56.1°
23	1P	23 40 00			
24	1P	04 14 56			
	eR	57 30	USCGS	20°S 169°E	124°
24	1P	09 23 04			

24	eP	13 00 37			
	eR	18 50	USCGS 16 $\frac{1}{2}$ N 59 $\frac{1}{2}$ W	(P-H)	35°
25	eP	00 57 30	USCGS Southern Alaska	(P-H)	48°
25	eP	08 43 16.8			
	eSS	54 14	USCGS 60 $\frac{1}{2}$ N 151 $\frac{1}{2}$ W		48°
	eR	53 50			
25	eP'	16 53 41			
	ePP	54 44	USCGS 15N 148 $\frac{1}{2}$ W		116°
	eSS	10 50			
26	eP'	01 36 08			
	1pP ⁺	36 30	USCGS 20S 169E		
	1FP	37 55	h - 100 km		124°
	1SS	50 04			
26	eP'	02 14 34	USCGS New Hebrides	(P'-H)	125°
27	eP'	12 53 26	USCGS 20S 169E	(P'-H)	125°
27	eP'	14 44 43			
	ePP	46 50	USCGS 17S 179W		
	eSS	15 00 58	h - 600 km.		114°
28	eP'	01 56 47			
	ePP	57 37	USCGS 20S 169E		124°
	eSS	02 15 30			
28	eP	05 14 34	USCGS 1S 81W	(P-H)	42.1°
29	1P	11 55 47			
30	eP	01 27 43	USCGS 19 $\frac{1}{2}$ N 156W	(P-H)	73°
30	eP'	15 21 41			
	ePP	22 50	USCGS 20S 173 $\frac{1}{2}$ W		116°
	1PKKP	32 22			
31	1P	09 50 51	USCGS 8S 74W		
	1pP	31 05	h - 150 km.	(P-H)	51°

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h = 65 meters
Gabbrodiorite.



Wiechert 80k NE

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Bosch-Omori 25k NE

Bulletin No. 150

JUN^Y 1950

04	eP	04 40 30	West Indies	21.8°
	eS	44 20		
04	ePP	07 51 03	USCGS 7N 126E	150°
	eR	08 29 10		
05	eP	11 25 10	USCGS 37N 45W	(P-H) 50°
07	1P	17 00 55	USCGS 46 76 $\frac{1}{2}$ N h = 100 km.	46.6°
	1pP	01 20		
	1PP	02 48		
	1S	07 41		
	1eS	08 28		
08	eP	16 21 24	USCGS 45 $\frac{1}{2}$ S 15W	101°
	1PP	25 35		
	eSKS	31 55		
	eSS	39 53		
11	1P	13 45 10	USCGS 22S 69 $\frac{1}{2}$ W	(P-H) 62.4°
11	1P	22 27 12	USCGS 26 $\frac{1}{2}$ S 73W	(P-S) 70.0°
11	eP	22 30 50		
11	1P	22 55 15		
14	eR	04 43 05		
14	eP	04 54 42	West Indies	22.2°
	eS	59 40		
14	1P	08 08 37	USCGS 14S 70W	(P-H) 56.6°
15	1P	12 05 56	USCGS Aleutian Islands	(P-H) 67°
15	eP	18 02 51	West Indies	22.2°
	eS	06 49		
16	eP	05 43 16	USCGS off coast of Chile	(P-H) 61°
17	1P	09 51 23	USCGS Hokkaido Japan	(P-H) 89°
19	1P*	12 56 33	USCGS 2S 112E	146°
	ePKS	13 01 34		
	eSSS	28 06		
20	eP	14 20 16.5	USCGS 74 $\frac{1}{2}$ N 8E	(P-H) 46.5°
21	1P*	07 14 40	21S 162E	124.5°
	1PP	16 32		
	eSSS	37 38		
	1G	46 36		
21	eP*	16 15 17	USCGS 3 $\frac{1}{2}$ S 147E	130°
	ePP	17 16		
	eR	55 50		

22	eR	02 49 16		
22	1P	30 50 00.2	USCGS 18 72W	(P-H) 4.1
22	1P	23 03 24		
23	1P	03 55 04		
	eR	04 05 16	USCGS 13N 93W	(P-H) 34.6°
24	eP	15 55 46		
	eS	59 57	West Indies	21.4°
24	1P*	22 44 31.5		
	1PP	46 19	USCGS 19½S 163½W	125.1°
	eSSE	51 30		
	eSSE	23 07 54		
25	1P*	11 25 03		
	1	28 17	USCGS 5N 127W	134°
	ePS	39 04		
	R	12 09 24		
26	1P	02 32 27.5		
26	1P	03 36 04		
26	1P	03 18 40		
27	1P	15 54 17		
	1S	16 05 44	USCGS 45½N 140E	85°
	eR	28 06		
28	1P	00 26 20		
	1	26 42		
30	eP	00 36 12		
	eR	01 21 00		
30	eP	11 02 45.5		



John F. Devane, S.J.

BULLETIN

of the Weston College Seismological Observatory

PRELIMINARY BULLETIN

JULY 1954 Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omorf 25k NE



01	eR	07 01 00		
02	eP	22 56 46		
	ePP	58 11	USCGS: 4N 73 $\frac{1}{2}$ W	37.8°
	eS	23 02 56		
03	eP*	10 22 50		
	ePP	23 58		
	ePS	34 18	USCGS: 8N 141 $\frac{1}{2}$ E	122°
	eSS	40 44		
03	eC	13 27 10	USCGS: Tanga Islands	
05	eR	04 40 50	USCGS: New Hebrides	
05	iP	16 39 09		
	eR	56 06	USCGS: 62N 155W	(P-H) 50.6°
06	iP	04 15 05		
07	iP*	17 05 16	USCGS: 11S 163 $\frac{1}{2}$ E	
09	iP	01 51 59.5		
	iS	02 02 20	SAS 112W	83.9°
09	iP	02 42 20.5		
	eS	47 51	8N 73W	34.4°
09	iP	03 35 49		
09	iP	04 48 07		
	iPP	49 17	USCGS: 8 $\frac{1}{2}$ S 71W	
	iS	54 37	h - 350 km.	59.8°
	iSS	56 52		
09	iP	04 58 08	aftershock	
09	iP	09 53 04.5		
	i	54 14.5	aftershock	
	eS	59 32		
09	iP	12 41 05		
09	eP	15 23 16.5	USCGS: 36 $\frac{1}{2}$ N 70 $\frac{1}{2}$ E	
	eSP	35 06	h - 300km	95°
09	eP	19 29 34	USCGS: 35 $\frac{1}{2}$ S 103W	(P-H) 82.4°
10	eR	06 38 00		
12	eP	01 45 24	USCGS: 3N 101W	(P-H) 48°
12	iP	11 19 26	USCGS: 53N 166W	81°
	iS	37 43		
12	eP	15 58 05	USCGS: Kamchatka	(P-H) 71°
12	iP	21 36 17	USCGS: Karafuto	(P-H) 86°
13	eP	04 17 07		
	iPP	21 33.5	USCGS: 27 $\frac{1}{2}$ N 139 $\frac{1}{2}$ E	105°
	eSS	26 56	h - 500 km.	
14	eP	12 17 30	USCGS: 52N 171W	(P-H) 63.8°
17	eP*	20 56 44	USCGS: 20 $\frac{1}{2}$ S 171E	(P-H) 124°

18	eP eS	06 58 03 07 01 56	West Indies H 06 53 10	21.6°
19	eP eR	11 02 59 28 30	Aleutian Islands	(P-H) 68.2°
20	eP' ePP eSS	09 49 42 10 51 02 11 07 46	USCGS: 173 174E	120°
21	iP	08 24 30	USCGS: Western Brazil	
21	eP' iPP eSS	20 50 58 52 34 21 09 28	USCGS: 15½S 168½E	124°
22	eP'	23 26 55	USCGS: New Hebrides	(P'-H) 125°
23	eP	16 47 40		
23	eP eS	23 37 30 41 43	USCGS: 21N 64W	24.2°
24	eP	02 06 17		
25	iP eS	18 20 39 25 13	<u>USCGS: 51N 42W</u>	26.4°
26	eP eS	08 36 55 40 55.5	USCGS: West Indies	22.8°
28	iP	00 30 31.5		
28	eR	03 44 20		
28	eR	05 52 10		
28	eR	17 45 30		
28	eP eR	17 58 00 18 09 00	USCGS: Southern California	(P-H) 34°
29	eR	14 55 00	USCGS: Southern California	
29	e iP' iPP 1(FKS7) eSKKS	17 04 54 05 10 07 34 08 39 14 16	USCGS: 2½N 127½E	134°
29	eR	19 01 20		
30	iP' ePP eSS	00 08 01 09 49 26 34	USCGS: 6S 155E	126°
30	iP	00 41 51		
31	eP	12 35 04		



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of the Weston College Seismological Observatory

Wiechert 80k NE

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PRELIMINARY BULLETIN

August 1950

Bulletin # 158

01	eP	0217 34	USCGS:	Hokkaido, Japan	(P-H)	88.2°
01	eR	08 56 05				
01	eP	09 24 35	USCGS:	42½N 145E	(P-H)	89°
	eR	10 01 00				
01	eP	10 56 00				
03	1P	06 21 33	USCGS:	18N 100W	(P-H)	33.2°
	1pP	22 12				
05	1P	09 34 36.5	USCGS:	Columbia-Venezuela	(P-H)	32.8°
05	1P	22 34 51.5				
	1pP	26 03				
	1S	30 07	USCGS:	10N 69½W		32.5°
	1S	32 54				
05	eP'	09 36 16				
	1pP	39 29	USCGS:	50S 164E		143°
	e	48 14				
06	eP	14 01 09				
07	1P'	03 03 56				
	1pP	06 05				
	1PMS	07 15	USCGS:	6N 126E		140.5°
	eSS	26 24				
07	1P	05 04 17	USCGS:	Kurile Islands	(P-H)	64.6°
07	1P'	16 06 44.5				
	eSS	27 06	USCGS:	1°N 126E	(P'-H)	134°
08	eP	05 20 02				
	eR	33 56	USCGS:	55N 134½W	(P-H)	42.5°
10	eR	20 19 10				
11	1P	12 24 37.5	West Indies			
	1pP	24 56.5	h - 90km			24.4°
	1S	28 49.5				
11	eR	21 25 10				
13	1P	16 48 25	USCGS:	19½N 70½W		22.4
	1S	32 52 24				
13	eP	18 50 00.5	USCGS:	51'N 177W	(P-H)	66.8
14	1P	23 01 33				
	1pP	03 54	USCGS:	27S 62½W		70°
	1S	10 01		h - 700 km.		
	1SS	14 46				
15	1P	14 23 58				
	1pP	28 30	USCGS:	28½N 97E		108.5°
	1pS	37 52				

15	ePP eR	22 01 17 41 40	USCGS: aftershock		
16	eR	06 50 10	USCGS: aftershock		
16	ePP	07 00 30	USCGS: aftershock		
16	eR	16 27 40	USCGS: aftershock		
16	eR	18 51 50	USCGS: aftershock		
17	3R	02 50 10	USCGS: aftershock		
17	eP' ePP iSKS	16 33 00.5 34 20 39 02	USCGS: 219 180 h - 600 km.	117.8°	
18	ePP eSKS ePS	01 26 37 32 53 35 55	USCGS: aftershock	108°	
18	ePP	17 17 39	USCGS: aftershock		
20	eR	02 00 04	USCGS: 47 $\frac{1}{2}$ N 113 $\frac{1}{2}$ W		
21	iP iS	15 46 15 50 12	USCGS: 20N 70W	22.3°	
22	iP	07 51 54	USCGS: 53N 160E (P-H)	75.6°	
23	eP' eR	03 28 08 04 08 10			
23	eR	19 46 20	USCGS: aftershock		
24	eP eS	11 18 05 22 04	West Indies H - 11 13 03	22.4°	
24	eR	18 06 06	USCGS: 42 $\frac{1}{2}$ N 129W		
25	eR	02 36 10	USCGS: 49 $\frac{1}{2}$ N 129W		
26	eP eS	02 51 49 55 41	West Indies H - 02 46 54	21.7°	
26	iP iPP iS	04 48 44.5 50 50 56 14	USCGS: 65N 162W	53.1°	
26	eL	07 27 50			
27	eP eR	00 46 47 01 02 20			
27	iP	08 37 05			
30	iP' iPKS iSKS	07 10 16 14 07 17 25	USCGS: 31 $\frac{1}{2}$ S 130 $\frac{1}{2}$ E	137°	
31	iP' iPP iPKS eSKKS	07 24 46 26 51.5 28 03 33 36	USCGS: 6N 126E	130°	



$\phi = 42^{\circ} 23' 00''$ 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

September 1950

Bulletin # 153

01	eP'	03 06 23	USCGS: 700 mi West of Sumatra	(P'-H) 135°
02	iP	02 57 37		
	ipP	58 05.5	USCGS: 52½°N 169°E	53.5°
	eS	05 05 56	H - 100 km	
03	eP	00 07 28	USCGS: mid Atlantic Ocean	(P-H) 41.2°
03	ePP	00 53 14		
	ePPS	01 04 22	USCGS: Fiji Islands	(PP-H) 118°
	eSS	09 40		
04	iP	07 47 37		
	i	47 51		
04	iP	12 28 44	USCGS: near coast of Turkey	(P-H) 73°
04	iP	14 14 10	USCGS: near Hokkaido, Japan	(P-H) 91°
09	iP	05 48 47.2	USCGS: Northern Chile	(P-H) 68.2°
09	iP'	10 40 43.5	USCGS: 4 S 153 E	(P'-H) 125°
	eSSS	11 04 16		
10	eP	03 34 58	USCGS: 35 N 140 E	(P-H) 98°
	ePP	38 48		
10	iP'	15 34 55		
	ePP	36 30	USCGS: 14 S 167 E	123.5°
	1SKS	41 48		
	1SS	53 20		
14	iP	07 42 05	USCGS: Aleutian Islands	(P-H) 65.4°
14	iP	08 01 52.8	USCGS: 20 S 63 W	(P-H) 62°
14	iP'	09 24 52.5	USCGS: Palmyra Island region	(P-H)
	i	28 21.5	h - 200 km	
16	eP	01 05 05		
	eS	12 51	USCGS: 4 S 104½°W	55°
	eSS	16 49		
18	iP	22 09 21	USCGS: 54½°N 176 E	69.8°
	ipP	09 48	h - 100 km	
18	iP	19 44 47	USCGS: 9 S 71½°W	(P-H) 50°
			h - 750 km	
19	eP'	20 49 03		
	ePP	51 52	USCGS: 2 S 138½°E	(P'-H) 132°
	eSS	21 08 50		



20	iP'	00 52 55.5	USCGS: 4 S 157 E	(P'-H)	124°
22	iP 1	01 48 53* 49 03	USCGS: 47½N 153E h - 150 km		
22	iP eS eSS	08 04 13.5* 14 08 19 08	USCGS: 25 S 114 W		77.4°
23	iP' iSKS 1	00 12 14* 19 22 21 22	USCGS: 18 S 177W		115°
23	iP	06 34 58*	USCGS: 35 N 26 E		
25	eP'	23 35 03	USCGS: coast of Mindanao	(P'-H)	129°
27	eP eS eSS	03 44 25 50 20 53 06	USCGS: 20 N 109 W	39.1	59.1°
28	eP' ePP	03 48 16 49 14	USCGS: 23 N 121 E	(P'-H)	114°
28	eP	14 05 35			
28	eR	22 08 30			
29	iP iPP iS	06 39 37 41 08 45 37	USCGS: 19 N 107 W		39.5°
29	eP eS	08 01 41 07 40	USCGS: aftershock of preceding		39.2°
30	ePP eSKS ePS	07 47 35 53 54 56 56	USCGS: 28 N 94 E		107°
30	eP	08 56 36			

* Time correction uncertain, hence absolute
time unknown

John F. Devane, S.J.

of the Weston College Seismological Observatory

Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE



OCTOBER 1950

PRELIMINARY BULLETIN

BULLETIN # 108.5
(P-H)

01	eP	01 49 55	USCGS: Samoa Islands		
01	eR	03 30 20			
01	iP	18 59 48			
02	eL	12 03 30	USCGS: 21 N 109W		
03	eP	02 49 10			
	eS	53 05	West Indies		21.8°
03	iP	09 13 45	USCGS: Western Alaska	(P-H)	56.2°
03	iP	12 47 57	USCGS: 65½ N 128 W	(P-H)	38.3°
04	eL	00 00 30	USCGS: China-Burma-India		
04	eR	19 05 10	USCGS: 19 S 139 E		
05	eR	01 43 10	USCGS: 18½ S 170 E		
05	iP	16 16 16			
	iPP	16 40	USCGS: 10½ N 85 W		34.4°
	iPP	17 30	h - 100 km		
	iS	21 20			
05	iP	16 55 07	aftershock		
05	eP	20 16 04	aftershock		
05	iP	23 16 19			
06	iP	08 21 07	USCGS: 20 N 66 W		23.4°
	eS	25 15			
06	iP	11 25 34.5	USCGS: 17 N 68 W		26°
	iS	30 15			
06	eP	12 48 24	West Indies		33.8°
	eS	52 35			
08	iP	03 42 28			
	iPP	45 30	USCGS: 4 S 128 E		139°
	iPKS	48 15			
	iSS	04 03 53			
08	eP	07 30 11			
	eP	07 36 12			
	eP	11 15 13			
	eP	11 37 32	USCGS: 32 N 41 W		
	iP	15 43 04			
	iP	16 46 17	main shock	(P-H)	26.5°
	eP	18 55 20			
10	iP	05 33 53	USCGS: 5 S 80 W	(P-H)	56°
13	iP	15 13 33	USCGS: 11 N 68 W	(P-H)	34.7°
	iP	13 48	h - 100 km		
	eP	22 14 04	aftershock		
18	eP	09 43 23			
18	eP	12 03 24			
19	eP	03 53 40	USCGS: 19 N 64 W		23.3°
	eS	57 50			

19	eP eS	09 57 55 10 01 51	West Indies		22.2°
19	eP'	10 10 30	USCGS: 32 S 178 W	(P'-H)	124°
20	iP eS	07 49 51 53 59	West Indies		
21	eR	05 06 20	USCGS: 18½ S 174 W		
21	iP iS	09 50 23 56 16	USCGS: 17½ N 106 W		38.2°
22	iP	05 03 31	USCGS: near Crete	(P-H)	73.4°
22	iP	15 22 58	USCGS: 48½ N 153 E	(P-H)	81.5°
23	iP iPP iS	16 19 54 20 18 25 16	USCGS: 14½ N 92 W		33.5°
23	iP eP iP iP	17 12 00 17 54 28 17 57 27 23 45 21			
24	eP eR eR eR iP	00 29 58 01 09 00 06 10 10 09 48 10 16 01 43.6	aftershocks		
25	eP	05 11 39			
26	iP	02 51 28			
25	iPP	07 22 19	USCGS: 26 N 125½ E	(PP-H)	111°
25	iP' eR	09 03 11.7 46 20	USCGS: 3½ S 155 E	(P'-H)	125°
25	iP	21 26 15			
26	eR	01 21 20			
26	eP' eR	04 09 06 53 55	USCGS: 32 S 178 W	(P'-H)	123°
26	eR	16 42 30	USCGS: 32 S 178 W		
28	iP	22 22 14	USCGS: 15 N 91½ W	(P-H)	36°
30	iP	01 06 22.5			
30	eR	03 29 30	USCGS: 14 S 173 W		
30	iP	10 32 26	USCGS: 14 S 70 W	(P-H)	54.5°
31	eR	19 41 40	USCGS: 1 N 26 W		
31	iP eL	20 29 54 40 40	USCGS: 25½ N 108 W	(P-H)	36.4°

John F. Devane, S.J.

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



International
Seismological
Centre

h = 65 meters
Gabbrodiorite.

NOVEMBER 1950

BULLETIN # 155

01	eR	13 05 20	USCGS: 10 N 86 W		
02	eP [*]	15 47 09			
	i	47 24			
	iPP	49 55	USCGS: 6 S 129½ E		140°
	iPKS	50 38			
	iSPS	16 09 22			
02	iP [*]	18 33 27	USCGS: aftershock		
03	iP	06 35 20			
	eS	40 00	West Indies		27.2°
05	eP	16 42 02			
	eR	51 55	USCGS: 14½ N 92 W	(P-H)	54°
05	ePP	17 54 26			
	ePS	18 03 12	USCGS: 33 N 134½ E		93°
	eR	24 20			
06	iP [*]	22 41 09			
	eR	25 21 00	USCGS: 7½ S 155½ E	(P-H)	126°
08	eP [*]	02 08 26			
	i	09 13.5			
08	iP [*]	02 37 14			
	ePP	39 00	USCGS: 9½ S 159½ E		126°
	eSKS	44 16			
09	iP	11 10 50	USCGS: 53 N 171 W	(P-H)	62.7°
09	iP	12 07 08.8	USCGS: 46½ N 150 E	(P-H)	84.5°
	i	07 54.2	h - 200 km		
09	iP	12 39 05	USCGS: 43 N 152 E	(P-H)	82°
10	eR	02 35 40	USCGS: 19½ N 110 W		
10	iP	11 29 14			
11	eR	04 43 50	USCGS: 04 43 50		
11	eR	09 50 40	USCGS: 13½ N 110 W		
14	eR	05 57 50	USCGS: 11 S 161 E		
15	eP	12 44 49			
	eS	46 49	West Indies		22.4°
16	iP	05 59 49	USCGS: 42 N 145½ E	(P-H)	90°
16	eP [*]	13 31 05	11S 161 E	(P-H)	125°
17	iP	19 35 15			
	eS	40 50	USCGS: 17 N 100½ W		35.3°
22	iP	10 27 16	USCGS: 51 N 176 W	(P-H)	66°
24	eR	14 00 25	USCGS: 15 S 173 W		
24	eR	21 10 30	USCGS: 15 S 173 W		
27	iP	18 19 27	USCGS: Aleutian Islands	(P-H)	68°

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

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

h = 65 meters
Gabbrodiorite.



Wiechert 80k NE

Benioff 100k (long and short period) NEZ

Bosch-Omori 25k NE

PRELIMINARY BULLETIN

DECEMBER 1950

Bulletin # 156

01	iP	14 57 48			
	iPP	58 56	USCGS: 14 N 47 W		35.2°
	eS	15 03 21			
	iR	17 14			
02	iP	08 41 36	USCGS: northern Argentina	(P-H)	68°
02	iP	15 27 20.9	USCGS: 8 S 71½ W		50.6°
	i	29 20	h - 550 km		
	iS	53 48			
02	iP'	20 10 48	USCGS: 18 S 167 E	P'-H)	125°
03	iP'	08 06 54	USCGS: 17½ S 167 E	PP'-H)	125°
03	iP'	09 58 59	USCGS: " "	" "	125°
03	iP'	20 44 16	USCGS: " "	" "	125°
04	iP	01 48 47			
04	eP'	10 57 08	USCGS: 18 S 167 E	(P'-H)	125°
04	iP	14 08 28			
04	iP	16 27 23	USCGS: 18 N 63 W	(P-H)	24.2°
04	eP'	16 46 57			
	iPP	48 45	USCGS: 5 S 158½ E		126°
	eSKS	54 04			
04	iP'	20 31 33	USCGS: 18 S 167 E	(P'-H)	125°
04	eP'	20 57 24	USCGS: New Hebrides	(P'-H)	125°
06	eP	17 58 24	USCGS: near Kyushu	(P-H)	96°
08	eP'	07 28 02	USCGS: Tonga Islands	(P'-H)	118°
09	iP	21 49 27			
	iS	58 09	USCGS: 24 S 67½ W		65.6°
10	iP	03 00 20.5			
	eS	03 05	USCGS: 14½ S 76½ W		57.3
10	iP	08 53 13	USCGS: off Kamchatka	(P-H)	76.8°
10	iP'	13 41 31	USCGS: 28½ S 179 W	(P'-H)	122°
	iPPKP	51 35	h - 300 km		
10	iP	21 15 57	USCGS: Northern Chile	(P-H)	63.7°
11	iP	03 43 23	USCGS: 24 S 63 W	(P-H)	68°
14	eP	02 07 16			
	iPP	08 10			
	iPP	11 59	USCGS: 19½ S 176 W		114°
	i	19 32	h - 200 km		
	iPPKP	21 54			
	iSS	27 25			



14	eL	13 45 15	USCGS: 40.1 N 180.2 W		
14	1P eS	14 24 36.5 23 01	USCGS: 17 N 98 W		
15	eP eS	15 16 06 19 56	West Indies		
16	eL	11 41 10	USCGS: 43½ N 127 W		
18	1P 1pP 1G	08 11 01 11 39 18 12	USCGS: 15 N 90 W h - 200 km		32.6°
19	1P	20 47 17			
20	gP	02 20 01	USCGS: South Mexico	(P-H)	34°
21	eP	11 48 04	USCGS: 30 S 71 W	(P-H)	72°
22	1P	00 46 27			
22	eR	10 22 10			
22	1P ePP	09 29 55.5 31 35	USCGS: Nicobar Islands	(P'-H)	125°
26	1P	13 58 22.5	USCGS: 17 N 98 W h - 100 km	(P-H)	33°
27	1P	23 15 45	USCGS: 17 N 63 W h - 100 km	(P-H)	27.5°
27	1P	23 24 52	USCGS: 17 N 63 W h - 100 km	(P-H)	26°
28	1P i	14 25 28 27 37	USCGS: 9 S 72 W h - 750 km	(P-H)	50°
28	eP	21 15 17	USCGS: 11½ S 73 W h - 100 km	(P-H)	49.7°
28	1P	22 40 34			
29	eP 1sP	20 22 05 22 34	USCGS: 17 N 63 W h - 100 km	(P-H)	26.9°
30	eL	07 45 50			
30	1P	13 10 11	USCGS: 1 S 77 W h - 200 km	(P-H)	45.3°

John F. Devane, S.J.