BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE **Benioff 100k (long and short period) NEZ** **Bosch-Omori 25k NE**

Bulletin No. 181

PRELIMINARY BULLETIN

JANUARY 1953

				USCGS Epicenter		
01	iP	11 21 18.5	c			
	i	24 58				
02	iP	11 31 50	d	6 S	81 W	
04	iPKS	09 38 13	c	7 S	147 E	
05	iP	05 04 11	d	Kormandorskie Is.		
	ePKS	07 59 41	d	54 N	170 E	70.7°
	eS	08 08 51				
	eSS	13 33				
	eSSS	18 43				
	eR	24 01				
	eP	08 35 00	c	54 N	171 E	
	iP	10 18 40	c	49 N	156 E	80.6°
	iPP	21 43				
	iS	28 40				
	eSS	35 48				
	iP	10 28 40	c	49 N	155½ E	
	iP	16 16 07		49 N	156 E	
06	eP	10 39 09	d	49 N	156 E	
	iP	16 16 08	c	21½ S	68 W	
	eS	25 18		h - 150km.		
	eL	31 58				
	iP	21 39 30	d			
	eL	23 40 10		9½ N	83 W	
07	iP	01 29 38	c	42 N	20 E	
	eP	06 00 48	d	53½ N	161 E	
	eR	34 36				
	iP	12 07 23	c	9½ N	83 W	33.2°
	iPcP	10 00				
	eS	12 40				
	eR	18 55				
	iP	14 27 35	d	5½ S	150½ E	
		27 42				
11	iP	23 01 16	c	65 N	133 W	42.4°
	eS	07 32				
	eSS	10 59				
	eR	14 48				
12	iP	17 35 41.5	d	49½ N	156 E	79.2°
	iS	45 38		h - 60km.		
	e	46 04				
	eSS	50 57				
	eR	18 03 20				
	iP	13 08 05	c	52½ N	159½ E	

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JANUARY 1953

15	iP	08 22 58	c	53 N	159 E	
	eP	12 16 07	c	19 N	156 W	
	eS	25 37				
16	iP	18 51 28	c			
18	i	17 41 55	c			
		42 27	d			
13	iP	18 19 50	c	53½ N	160½ E	
19	iP	05 10 29	c	42 N	143 E	89°
	eS	21 13				
	eR	44 52				
	iP	19 24 45	d			
	i	25 00				
20	iP	09 49 50	c	9½ N	79½ W	
	iPKP	17 52 27	c	1½ N	126 E	134°
	iPP	54 51.5				
	iPKS	56 10				
	eSS	18 12 50				
21	iP	01 54 59	c	50 N	156 E	78.75°
	i	55 12				
	eS	02 04 54				
	iP	09 39 00.5	c	52½ N	159 E	
24	iP	08 45 14.5	:			
	Pn	10 00 26.5		Gaspe Peninsula, Que.		
	Sn	01 48				
	S2	02 15				
	S1	02 42				
25	iP	19 53 12	d	19 N	73½ W	23.4°
	eS	57 32				
	eL	59 42				
26	iP	05 14 23	c	52½ N	159 E	
27	iP	03 24 45	c	52N	159½ E	
	e(S)	34 32				
	eR	50 32				
	iP	04 18 16	c			
29	iP	01 19 10	c			
30	iPKP	22 15 30	c	12 S	166 E	
	e	23 53		h - 100km,		
	eL	45 36				
31	iP	22 04 29	c	15 S	18 W	

George W. Nolan, S.J.

φ = 42° 23′ 00″ N
λ = 71° 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

Bulletin # 18

PRELIMINARY BULLETIN

February 1953

				USCGS Epicenter	
01	iP	20 48 50.5	c	54N 165W	
02	iP	09 42 12.5	d	49N 156 E	
05	iP	22 53 18.5	d	So. Coast Greece	
06	iP	05 45 15.5	c	51 N 159 E	
	i	45 26			
	eP	13 26 01		42½ N 143½ E	80°
	i	26 13			
	ePP	29 39			
	eS	36 50			
07	eP	18 35 21	c	49 N 156 E	
	eS	45 24			
	eR	59 20			
	iP	22 42 26.5	c	55½ N 24½ E	
10	iP	08 08 55	d	52 N 169 W	
	eL	31 28			
12	iP	01 35 06	d	Yukon Foreshock	
	eK	48 31			
	iP	04 39 01.5	c	65 N 133 W	
	eR	52 13			
	eP	08 28 26	c	35 N 54½ E	88°
	ePP	31 56			
	eSKS	38 52			
	eS	59 12			
	eSS	44 59			
14	iP	08 54 56	d	Dodecanese Islands	
	iP	22 17 15	c	1½ S 77½ W	
	eR	35 37			
19	ePKP	13 24 32	c	28 S 179 W	
	iP	15 28 16	d	0 18 W	63
	eS	36 49			
	eR	50 11			
21	iP	22 23 29.5	c	No. off Puerto Rico	24
	iS	27 36		h - 100 kms	
	eT	46 20			
23	iP	01 18 25	c		

FEBRUARY 1953

25	iP	12 46 31.5	d	49 N	156 E	
	iP	21 25 38	d	56 N	156½ W	(51°
	ipP	25 52.5		h - 60 kms		
	eS	33 25				
	eR	42 12				
26	iP	00 44 10.5	d	51 N	156½ E	
	i	44 16.5				
	eP	02 30 18		East coast Kamchatka		
	eP	04 53 07		off coast Guerrero, Mexico		
	i	53 16				
	iP	07 49 49	c	50 N	157 E	
	iPKP	12 01 12	d	11 S	164½ E	122.6
	iPP	03 00				
	eSKS	08 31				
	ePS	12 58				
	eSS	19 41				
	eP	16 14 40	c	19 N	73½ W	24°
	iS	18 58				
28	iP	04 31 47	d	18½ N	105 W	
	eL	43 33				
	iP	22 00 27.5	d	18½ N	105 W	
	eL	13 55		Aftershock		

George W. Nolan, S.J..

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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

Bulletin # 181

PRELIMINARY BULLETIN

MARCH 1953

USCGS Epicenter

02	eL	03 13 15		Solomon Islands Region	
	iP	22 57 14.5	d	51 N 163 E	
03	iPKP	11 46 02.5	d	20 S 199 E	
	eR	12 27 54			
	iP	23 06 14	c	43 N 165 E	
04	iP	01 08 12.5	d	23 S 62½ W	71°
	eS	16 37		h=600km.	
05	iP	21 13 16.5	c	51 N 156 E	74.4°
	eS	23 03		h=60km.	
06	iP	07 06 33	c	58½ N 156½ W	
	i	07 04		h=100 km.	
08	iP	12 38 51.5	c	50 N 156½ E	
09	iPKP	10 22 48.5	c	4½ S 153½ E	
	iPP	24 55			
	eSS	41 33			
	eR	11 02 53			
11	iP	11 02 17	d	49 N 154½ E	
12	iP	01 05 45	d		
	i	08 28			
14	iPKP	17 18 44	d	Coast Mindanao, P.I.	
15	eP	14 27 19	c	South of Crete	
	iP	21 12 12	c		
16	eL	05 43 53			
	iP	11 26 17	d	48 N - 154 E	
17	iP	06 45 59	c	51 N 159 E	
	iP	13 16 40	d	50½ N 160½ E	78°
	eS	28 32			
	eL	47 52			
18	iP	19 17 27.6	d	40 N 27½ E	74°
	i	17 52			
	eS	26 40			
	eSS	31 30			
	eR	42 05			

MARCH 1953

19	iP	08 33 46.5	d	14 N 61 W	29.7°
	ipP	34 33		h=200km	
	iS	38 31			
	eG	39 43			
	eT	58 01			
	iP	21 25 09	d	West Turkey Aftershock	
20	eP	15 26 01	c		
22	iP	19 47 21.5	c	52½ N 159½E	
23	eP	02 20 46	c		
	iP	02 26 01	c	West Coast of Greece	
	iP	04 52 08			
	i	52 20			
	iP	12 46 36.5	c	52½ N 169 W Foresbock	
	eL	13 10 14			
25	iP	06 01 44.5	c	52½ N 169 W	
	i	01 53			
	eR	23 23			
26	iP	02 21 31.5	d	52 N 161 E	
27	iPn	03 51 14		Stamford, Connecticut	
	iP2	51 14.8			
	iP1	51 15.8			
	iS1	51 42.8			
31	iP1	12 59 06		Vermont	
	iS1	59 29.5			

George W. Nolan, SE.

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Gabbrodiorite.

WESTON, MASS.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE Benioff 100k (long and short period) NEZ Bosch-Omori 25k NE

Bulletin # 184

APRIL 1953 USCGS Epicenter

01	eP	07 59 36	c			
	i	59 49				
	iP	10 57 49	c	0	81W	44°
	eS	11 04 13		Foreshock		
	eG	07 50				
	iP	11 29 28	d	0	81W	44°
	eS	35 56				
	eG	39 19				
	eP	22 44 50	c	7½N	78½W	34.4°
	eS	50 28				
02	iPKP	04 15 08	c	5S	151½E	126°
	i	15 21		h - 60 kms.		
	i	18 24				
	eSS	34 25				
	eR	54 57				
	# iP	04 52 27.5	c			
03	eL	05 15 03		15½S	172W	
	iP	16 58 57	d	53N	160E	
04	eR	06 44 56		38½N	141E	
05	eL	11 17 36		22N	123E	
	iP	14 38 49	d	9S	79W h - 60kms.	
06	ePKP	00 55 32.5	c	7S	132E	138°
	iPKP	55 45				
	iPP	58 18				
	iPKS	59 21				
	eSKKKS	01 05 27				
	ePPS	10 48				
	eR	44 38				
	iP	12 26 30	c	52N	155E	
09	iP	15 59 30	d			
12	iP	07 33 45	d	53N	160E	
	iP	15 18 41.5	c	Chile-Argen.	h - kms 200	
	iP	22 42 09	c	53N	160E	
14	iP	13 37 29	d	7½S	71½W	49.5°
	i	38 07		h - 650 kms.		
	i	38 36				
	iPP	39 39				
	isP	40 25				
	iS	43 55				
	eG	50 20				

APRIL 1953

15	iP	18 18 51.5	c	53N	159E	
17	iP	00 11 29.5	c	58	77W	49°
	eS	18 25				
	eG	22 30				
	eL	12 05 30		New Britain-Foreshock		
	iP	15 06 21	d			
18	eP	23 33 33		10N	102W	
	eS	40 13				
	eR	49 16				
19	iP	22 58 45	c	50½N	179W	
20	eL	11 55 28		Kermadec Isl.		
23	ePKP	16 43 31	c	43	154E	124°
	e	45 43				
	eS	53 36				
	ePSPS	17 02 48				
	eSSS	06 34				
24	iP	02 18 19	c	76½N	6E	47°
	eS	25 08				
	eR	33 12				
29	ePKP	03 50 20		3618mGn Isl.		
	iP	20 34 03	d	45N	143E	
	iP	22 05 38	c	49N	156E	
30	iP	01 31 11	c	East Cst. Kamchatka		
	iPKP	06 45 45	c	20½S	170E	128°
	iPP	47 34				
	ePPS	59 20				
	eSS	04 51				
	eSSS	08 49				
	eR	25 50				

George W. Nolan, S.J.

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Gabbrodiorite.

WESTON, MASS.

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Wiechert 80k NE Benioff 100k (long and short period) NEZ Bosch-Omori 25k NE

PRELIMINARY BULLETIN

MAY 1953

185

02	eL	19 16 52		
02	eL	19 30 56		
04	eP	04 15 34	compression	South-East
04	iP	11 40 49.5	dilatation	
	eS	54 50		
	eL	05 59		
04	i	15 13 59		
04	iP	15 36 52	dilatation	South-East
	iPP	39 37		
	eS	45 19		
04	e	21 01 08		
04	iP	23 39 01	dilatation	
06	eP	17 28 44	compression	
	iP	28 46		
	iS	38 44		
08	iP	04 00 54	compression	26.4°
	eS	05 23		
09	iP	08 44 18	compression to North	21.4°
	iS	48 06		
10	eL	02 55 15		
10	eL	06 11 55		
11	i	04 31 28.7	compression North-East	
11	iPn	05 13 17.3	local felt in Conway-Ossipee, N. H.	
	iSn	13 35.5		
11	eP:	10 35 42		129°
	iPP	37 41.5		
	eR	11 22 47		
12	iP	12 49 44.5	compression	
13	iP	04 27 34.7	dilatation	
	i	28 43		
14	iP	01 52 49	dilatation	
	eL	02 09 50		
14	iP	07 49 22.5	dilatation	44°
	eR	08 05 56		
15	iP	09 47 30.5	dilatation	
17	i	13 31 05.5	compression	
17	iP	17 35 21	compression	

PRELIMINARY BULLETIN

MAY 1953

#285

17	1P	22	25	35	dilatation
18	1P	08	17	50	
18	1P	08	34	54.5	compression
18	1P	21	07	15.5	dilatation
19	1P	03	23	01.5	compression 77°
	1PP		26	18.5	
	eS		32	46	
	eSS		37	47	
	G		41	59	
	R		45	49	
19	1P	06	04	27.5	dilatation
20	e	08	13	58	
	eL		38	56	
20	1P	11	02	55.5	dilatation
20	1P	23	22	10	compression
	R		38	35	
21	1P	02	02	49	compression 42.6°
	S		09	07	
	eL		13	59	
21	eP	10	23	41	compression 55.8°
	eS		31	26	
21	1P	12	37	21.5	
21	1P	12	47	51.5	compression
	R		53	55	
22	1P	11	15	57	compression
24	1PP	01	38	06.5	compression 105°
	sKs		44	20	
	eSS		53	02	
	R	02	14	01	
24	1P	06	05	29	dilatation
25	1P	17	52	26	dilatation
25	1	18	03	35	compression
	1		03	38.5	
26	1P	01	56	12	compression
28	1P	03	43	09	dilatation
28	1	18	26	33.5	
28	1	22	08	57	compression
29	1P	03	01	26.5	dilatation
31	1P'	05	19	44.5	compression 145°
	sKS		26	58	
	SS		41	58	
	G		59	42	

PRELIMINARY BULLETIN

MAY 1953

31	iP	06 17 10.5	compression	22.2°
	eS	21 07		
31	iP	20 03 42	compression	22.5°
	iS	07 53		
32	iP	21 01 31.5	compression	22°
	iS	05 18		

Other long period disturbances

13	12	51	15
14	18	48	15
17	14	32	18
24	03	16	01
27	19	21	21

F. J. Donehoe, S.J.
Assistant Director

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE Benioff 100k (long and short period) NEZ Bosch-Omori 25k NE

No. 208

(PRELIMINARY BULLETIN)

June 1953

01	iP	20 38 46	dilatation	21.5°
	iS	42 38		
	iT	58 47		
02	iP	08 12 47	compression	20.6°
	iS	16 30.2		
	iT	33 11.5		
02	iP	12 53 25.3	compression	
02	iP	14 11 13		21.6°
	iS	15 09		
	iT	31 55		
02	iP	22 21 02	compression	21.6°
	iS	24 55.5		
	iT	40.52.5		
05	iP	18 21 01	compression	20.8°
	iS	24 48.5		
	iT	40 32		
07	eP	12 28 59.5	dilatation	22.2°
	iP	29 02		
	iS	33 01		
	iT	47 57		
08	iP	11 52 15.5	compression	75°
	eS	12 01 52.5		
09	iP	01 50 48	compression	74.5°
	eS	02 00 21.5		
	eSS	02 04 57.5		
10	iP	17 51 20.2	compression	21°
	iS	55 09.2		
	iT	18 11 35.2		
12	iP	01 08 39.2	compression	21°
	iS	12 32.7		
	iT	29 08.2		
15	iP	14 29 33.5	dilatation	21°
	iS	33 20.5		
	iT	51 41		
16	iP	19 58 00.5	compression	
	S	20 05 48		
17	iP	01 47 03.5	compression	62.55°
17	iP	14 18 23	dilatation	58°
	eS	26 18		
18	iP	05 55 10.5	dilatation	51.2°
	eS	06 02 24.5		
18	iP	10 23 54	compression	125.1°
	eSS	43 36		

(PRELIMINARY BULLETIN)

June 1953 (Cont'd.)

18	iP	03 56 32	
20	iP	03 27 00	compression
22	iP	00 13 53.5	dilatation
23	iP	02 04 24.5	compression
23	iP	08 44 39	compression
23	iP	14 05 28	dilatation
	eS	15 40.5	
	eSS	20 06.5	
24	iP	21 31 11.5	dilatation
25	eP	11 03 32	compression
	iPKP	11 04 35.5	
	ePP	07 54	
	eSS	27 10	
26	iP	06 02 26	dilatation
27	iP	10 06 58.5	compression
29	eP	03 33 56	
	eL	55 06.5	
29	iP	16 50 34	dilatation
29	iP	19 34 17.5	compression
30	iP	01 24 38.5	compression
30	iP	07 49 28.5	compression
	eS	07 57 15	
30	iP	13 32 16.5	compression

OTHER LONG PERIOD DISTURBANCES

06 06 19 30; 11 26 36; 12 19 16

08 03 11 06; 03 55 14

09 08 59 12

10 19 29 28

16 10 45 54

19 22 43 42.5

23 22 07 24

28 06 34 58.5

Pranela J. Dacoba, S.J.

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

JULY 1958 #187

01	iP	03 11 31.5	compression	76°
	iPP	14 30.5		
	eS	21 20		
	iP	06 03 58	compression	
02	eP	07 12 08	compression	122°
	iP1	15 29		
	sKS	22 10		
	iP	09 01 27	compression	
	iP	13 41 15	dilatation	
	i	22 50 13	compression	
04	iP	19 06 46	compression	21.4°
	iS	12 39		
05	i	02 40 08	compression	
	i	04 13 53.5	compression	
	i	13 17 13	compression	
06	i	07 14 20	compression	
	i	18 55 51.3	compression	
	iP1	22 14 52	compression	144°
	iPP	18 16.5		
	sKS	32 14		
07	iP1	04 26 45.5	compression	
	iPP	29 50.5		
	iP	13 56 21	dilatation	
	iP	17 38 30.5	compression	
08	iP	13 15 56	dilatation	
	i	16 41		
	iP	22 24 04.5	dilatation north	
09	iP	12 46 34.5	compression	
	i	18 31 02	compression	
	i	20 52 19	dilatation	
09	iP	21 29 24.5	compression northwest 24.2°	
	iS	33 53		
	R	36 28		
10	iP	15 28 14	dilatation	
	i	32 01.5		

14	iP[1]	07	02	40.5	compression
	PKS		05	48	
	PS		15	00	
	eL		53	14	
	i	22	47	02	compression
15	iP	02	47	36	compression
16	i	14	16	07	dilatation
17	iP	14	29	15	dilatation
	i	19	36	04	compression
	iP	20	11	41.8	compression
18	i	17	02	00	compression
	i		02	12.5	
	i		02	06.5	
20	eP[1]	08	26	48.5	compression
	PP		27	15	
	S		35	47	
	PKKP		37	16	
	SS		44	10	
21	e	06	08	12.5	compression

Instruments out of operation
from 12:30 GCT July 21, 1953
to 17:25 GCT July 23, 1953

23	iP	18	36	46.5	dilatation	
25	eL	16	25	02.5		
26	eP	13	15	06.5	compression	
	eL		31	16.5		
	eP[1]	17	11	14		
	PP		12	12		
	pS		20	15.5		
	SP		21	18.5		
	SSS		31	56.5		
28	i	07	57	26.5	compression	
	eL	08	23	17.5		
	i	08	28	23.5	compression	
	LP	15	31	47	dilatation	21°
	i		34	53		
	iS		35	33		
	iT		51	36		
	i	16	01	44.8	compression	
	i	21	27	05	compression	
29	i	03	29	12	dilatation	
	iP	13	43	50	compression	71°
	eS		53	07.5		
	eR	14	05	01.5		
	i	18	02	01.5	compression	
	eP	16	22	17.5	compression	34°
	S		27	41.5		
	Q		30	43.5		

29	SKS(?)	23	43	11	
	PS(?)		46	28	
	eL	24	00	49	
30	iP	20	44	35.5	dilatation
	iP	21	13	24	dilatation
	i		13	55	
31	iP	19	36	59	compression 21.2°
	i		39	45	
	iS		40	47.5	
	eL		44	06	
	iT		58	57.5	
	iT(?)	20	07	43.5	
	iP	23	08	43	compression
	eL		35	06.5	

other Short Period Activity

12	22	28	57

Other Long Period Activity

07	18	35	45.5
	20	59	45
09	00	14	04
	19	47	53
10	13	11	05
21	04	58	03.5
	09	16	20.5
30	07	01	50.5
		50	24.5
31	00	12	08
		29	20

John E. Brooks, S.J.

φ = 42° 23′ 00″ N
λ = 71° 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 No. 133

AUGUST 1953

01	iP	01 26 45	compression	
	i	31 56		
	eL	33 56		
	iP	10 28 25	dilatation	
02	iP	08 45 20	dilatation	
	eI	09 50 45		
	iPP	17 39 03.5	compression	
	eL	18 20 49		
03	eL	14 55 05.5		
	iP	15 04 00.5	dilatation	
04	iP	15 38 02.5	dilatation	
	i	16 45 02	compression	
	i	45 32.5		
06	iP	06 30 27	compression	
	i	30 27.5		
	iP	06 12 36	dilatation	
	i	13 08.5		
	iP	20 54 50	dilatation	
07	iP	06 32 40.5	dilatation	
	i	32 46		
	i	19 01 55	compression	
08	iP	17 25 40.5	compression	21°
	iS	29 28.5		
	i	46 55		
	iI	48 31		
	iP	18 31 17.3	compression	
09	iP	06 02 24	compression	63.5°
	isP	02 08		
	eS	12 15		
	iP	07 51 18	compression	66°
	PcP	52 01.5		
	eS	08 00 58		
	eSS	03 04		
11	iP	03 43 17.5	compression	65°
	iS	52 15		
	SS	55 59		
	Q	08 00 23		
	R	08 20		

AUGUST Cont'd. 1953

11	iP	12 40 07	dilatation	
	iP	12 52 14.5	compression	
	iP	13 22 09	compression	
12	iP	06 18 58.5	dilatation	
	iP	09 34 48	compression	68.4°
	iS	43 46.5		
	SSS	51 08		
	G	52 08		
	R	59 38		
	plpl	10 03 19.5		
	iP	11 44 39.5	compression	
	iP	12 16 16.5	compression	67°
	iS	25 11.5		
	R	40 27.5		
	iP	13 50 18.5	dilatation	
	iP	14 19 36	compression	68°
	eS	28 32		
	iP	16 19 27	dilatation	
	i	17 13 25	compression	
	i	21 13		
	eS	22 49		
	eL	52 59		
13	iP	01 37 50	compression	
	iP	03 33 01.7	compression	
	iP	06 12 27.5	dilatation	
	eL	32 56		
	iP	09 42 10.5	compression	
	i	10 14 12.5	dilatation	
	iP	10 27 43	dilatation	
16	iP	03 18 30.5	dilatation	
17	iP	02 23 19	dilatation	
	iP	03 34 13.5	compression	
	iP	18 28 41.5	dilatation	
	i	29 15		
	iP	20 45 06.5	dilatation	
	iP	22 02 01.2	compression	
	i	03 39.5		
	i	05 32.5		
	G	22 02 01.5		
	SS	02 03.5		
	Q	03 39.5		
	i	03 50		
	R	05 28.5		

AUGUST Cont'd. 1953

18	iP	22 54 39	compression	
19	iP	08 27 19.5	compression	
	iP	13 38 12	dilatation	
21	iP	13 36 46	compression	22.6°
	iS	40 59		
	iP	58 33.5		
	iP	16 53 12.5	compression	
	pP	53 50.5		
	PP	55 21.5		
22	iP^1	00 40 21	compression	
	pp	40 58		
	PPP	43 34		
23	iP	07 29 13	dilatation	66°
	PcP	29 23.5		
	i	29 27.5		
	eS	38 03		
	G	45 33		
	eL	49 17		
24	iP	13 27 31.5	compression	30°
	pP	27 46.5		
	iS	32 48.5		
	Q	37 27.5		
	R	41 03.5		
25	iP	03 23 22.5	compression	
	eL	03 05 27.5		
	R	10 51.5		
26	iP	19 16 22.5	compression	
	eL	38 13		
27	i	21 30 40.5	dilatation	
	iP	22 29 18.4	compression	85°
	pP	29 30.9		
	sP	29 58.9		
	PP	32 55.9		
	eS	30 52.9		
	SG	45 59.9		
	eL	49 59.9		
28	iP	20 18 18	compression	
	iP	20 49 44	dilatation	
	i	49 48.5		
29	iP	18 28 15	compression	
31	iP	04 17 05	dilatation	
	iP	03 04 23.5	compression	
	eL	30 57		
	iP	17 21 51	compression	
	iP	17 27 12.5	dilatation	

OTHER SHORT PERIOD ACTIVITY

06	15	13	00.5
	16	10	52.5
	16	34	23
	20	08	18.5
07	11	13	56
		16	52
	12	43	21.5
	20	42	39.5
14	20	17	13.5
18	18	03	07
		54	47
25	17	34	40.3
	20	08	25

OTHER LONG PERIOD ACTIVITY

10	02	14	52
13	05	10	18

John E. Brooks, S.J.

φ = 42° 23′ 00″ N
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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 1953

#169

01	iP	14 31 44.5	compression	
	eP	18 26 44.5	compression	
	eL	38 57.5		
	eP	22 31 48	compression	
	eL	23 40 03		
02	iP	04 55 26	dilatation	
	S	05 07 11		
	eL	12 41		
	i	05 44 52	compression	22°
	S	48 49		
	iT	06 05 37		
	iP	11 21 42.5	dilatation	
	iP	13 40 49	compression	
	i	41 06		
04	iP	07 35 05	compression	78.7°
	iS	44 54.5		
	eL	08 01 57.5		
	iP	14 18 52.5	compression	
	i	19 06		
	iS	28 25		
	eL	45 00		
05	iP	14 29 46.5	compression	
	iP	18 10 18	compression	77.4°
	i	10 24		
	eS	20 19		
	eL	32 17		
06	iP	03 25 15	compression	
	i	26 03		
07	iP	04 10 27.5	dilatation	
	eL	33 09		
10	iP	04 17 52.5	compression	76°
	S	27 40		
	G	37 27		
	eL	41 15		
		59 50		
	iP	17 39 02.5	dilatation	
	i	39 37		
	i	16 52 07	compression	
12	iP	14 38 53	compression	

WESTON PRELIMINARY BULLETIN

SEPTEMBER 1963, Cont'd.

14	e?	00 54 46	compression	
	e	01 02 56		
	eL	26 52		
	iP	04 13 16.5	compression	
	i	10 39 03	dilatation	
2	iP	11 31 08	dilatation	
	i	31 16.5		
	iP	14 30 51	compression	
	iP	15 10 11	compression	
16	eL	02 40 54		
	iP	21 53 59.5	compression	
17	iS	21 38 56		
	eL	22 09 59		
20	iP	09 24 11	dilatation	
23	iP	02 26 37	compression	77.8°
	eS	36 22		
	G	45 36		
	R	56 28		
25	i	13 04 27	dilatation	
	i	20 59 55	compression	
26	iP	01 14 27.5	compression	77.4°
	S	24 15.5		
	eL	41 45.5		
	i	03 41 01	dilatation	
	iP	14 51 15	dilatation	
27	iP	06 11 46	dilatation	
	S	16 51		
	G	17 56		
	R	18 29		
28	iP	06 00 37.5	dilatation	
	S	08 55		
	iP	13 25 45.5	compression	
	i	22 05 07.5	dilatation	
	i	43 46 17	dilatation	
29	i	00 00 41.5	compression	
	iPKP	01 55 19	dilatation	148.25°
	pP	56 29.5		
	sP	57 30.5		
	PKKP	58 40.5		
	SKP	02 00 10.5		
	eL	18 18.5		

SEPTEMBER 1953, Cont'd.

30	iP	07	09	14	compression
	iP	23	11	16.5	compression
	S		16	58	
	G		19	46	
	G		20	59	
	E		24	21	

OTHER SHORT PERIOD ACTIVITY

02	18	09	01.5
	19	04	10
08	14	10	17
11	18	34	01
	19	19	20.5
	22	17	41.5
25	23	21	06
27	15	58	55.5
29	20	41	18.5
	21	03	12
	22	31	31

OTHER LONG PERIOD ACTIVITY

20	19	49	30
26	03	56	49.5
	04	03	19.5
29	00	28	02.5
	18	53	53
	19	04	45

John E. Brooks, S.J.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE Benioff 100k (long and short period) NEZ Bosch-Omori 25k NE

PRELIMINARY BULLETIN

OCTOBER 1963 NO. 180

05	iP	04 43 21.5	compression	71°
	iS	52 47		
05	iP	10 07 51.5	dilatation	
06	iP	07 32 59	dilatation	
06	eL	22 30 10		
10	i	02 09 05.5	compression	
10	iP	21 40 09	dilatation	
11	iP	13 20 36.7	compression	79°
	iS	30 38.5		
11	eS	17 44 55		
	eL	53 10		
13	iP	00 00 53	compression	37.6°
	iS	06 40		
	ScS	10 58		
	eR	12 50		
14	iP	00 56 52.5	compression	37.8°
	iS	06 40		
	iT			
14	iP	15 00 05.5	compression	88°
	sKS	10 23.5		
	iS	10 45.5		
16	eL	09 01 37.5		
16	eL	09 33 09.5		
16	iP	10 00 00.5	compression	
	SS	07 49.5		
	i	09 59.5		
	eL	13 37.5		
17	iP	01 05 15.5	dilatation	
17	iP	01 44 50.5	compression	
17	iP	21 19 14	compression	76°
	iS	28 57.5		
	SS	33 48.5		
17	iP	23 56 12.5	dilatation	
18	i	16 43 35.5	compression	
19	iP	18 30 37.5	compression	23°
	iS	34 45.5		
	eR	36 50.5		
	iT	53 59.5		
20	iP	10 35 26	compression	21.8°
	iS	39 17		
	iT	55 33		

21	i	11 17 01	compression	
21	i	11 42 04	dilatation	
21	iP	18 50 49.5	dilatation	66.5°
	eS	59 40.5		
	G	19 07 16.5		
21	i	23 54 52	dilatation	
22	i	13 14 35	dilatation	
	i	14 48.5		
24	iP	23 38 47	compression	
	eL	00 19 58		
27	iP	03 53 43.3	dilatation	
27	iP	18 30 36.3	compression	60°
	ipP	31 37.3		
	i	31 46.8		
	iS	38 36.3		
	i	39 59.3		
	eL	45 50.3		
28	i	08 53 28.3	dilatation	
	i	53 58		
	eL	09 08 54.8		
28	iP	12 21 46.3	dilatation	
29	iP	14 57 01.5	dilatation	
30	i	01 18 45.5	compression	
30	i	07 35 44.5	compression	
31	iP	18 50 13	compression	
	i	50 26		

OTHER SHORT PERIOD ACTIVITY

02	15 48 22.5
11	15 40 59.5
14	18 32 44.5
16	18 05 39
20	18 57 40.5
30	21 35 48.5
31	15 26 03
	28 32.5

J. E. Brooks, S.J.

BULLETIN

of the Weston College Seismological Observatory

Wiechert 80k NE Benioff 100k (long and short period) NEZ Bosch-Omori 25k NE

PRELIMINARY BULLETIN

NOVEMBER 1958 NO. 191

01	iP	00 28 27.5	dilatation	
01	iP	17 33 07	compression	
01	eL	18 17 11		
01	iP	21 08 01.5	dilatation	
	e(SS)	22 52		
	eL	34 04		
04	iPKP	04 08 08	dilatation	123°
	iPP	09 43		
	sKS	15 08		
04	iPKP	04 18 01.5	dilatation	
04	iPKP	04 23 41	dilatation	
04	eL	08 50 10		
04	iPKP	12 46 08	dilatation	123°
	iS	55 54		
09	iP	17 37 25.5	compression	78.2°
	iS	47 08		
08	iP	19 08 05	dilatation	
10	iP	23 52 13	compression	76°
11	iS	00 02 00		
12	i	22 46 10	compression	
13	iPKP	16 36 20.2	dilatation	
	eL	17 01 32		
13	iP	18 54 43	compression	
13	iP	19 44 31.7	compression	
13	iP	20 27 14.2	compression	
13	iP	30 35 31.7	dilatation	
13	iP	20 58 24.2	dilatation	
14	iP	20 15 24.5	dilatation	74.7°
	eS	25 01.0		
16	iP	16 50 42	compression	
16	iPKP	17 36 43	dilatation	
17	iPKP	05 50 15	dilatation	
17	iP	13 35 37	compression	35°
	iS	41 08		
17	i	16 10 16	dilatation	

17	iP	22 54 19	compression	
17	iP	23 24 03	dilatation	
20	iP	02 38 03.5	dilatation	
	i	38 30.5		
20	iP	03 32 51.5		
22	eP	15 45 44.4		
	i	50 21.4		
23	iP	05 41 57.5	dilatation	
23	i	21 09 41		
24	iP	09 14 52	compression	
24	iP	10 12 42	dilatation	
26	iP	18 02 30	dilatation	58.5°
	iPP	03 32		
	i	06 51		
	i	07 35		
	iSKS	13 03		
28	iP	23 31 03		

OTHER SHORT PERIOD ACTIVITY

03	04 02 00.5
04	20 58 11.5
12	23 13 18

OTHER LONG PERIOD ACTIVITY

01	19 17 11.8
04	09 50 10
10	15 23 14
13	12 21 52
14	06 02 22
26	01 51 26
26	02 46 11
26	03 52 00
27	23 58 00
28	06 05 00

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

DECEMBER 1953 NO. 192

01	iP	04 26 05.5	compression	
01	iP	05 22 40	compression	
	iPP	26 41.5		
01	i	11 56 33	compression	
01	iP	15 41 49.5	compression	
01	eL	20 54 27		
02	i	04 46 59	compression	
	iP[i]	47 29		
	SKKS	56 21		
	SS	05 06 07		
	eL	27 58		
04	iP	15 02 28.4	compression	36°
	iPP	03 58.4		
	iS	08 34.4		
	G	11 09.4		
	Q	14 14.4		
	R	15 45		
04	iP	20 30 34	dilatation	
05	eL	10 43 42		
05	i	18 15 56.5	compression	
06	iP	17 43 26	dilatation	
	i	46 46.5		
07	eL	19 44 22		
07	iP	02 16 06.5	dilatation	64°
	iS	24 38		
09	iP	16 13 47.5	dilatation	
	i	15 17		
	i	15 34.5		
10	iP	19 47 12	dilatation	
11	i	18 28 07	dilatation	
11	i	18 13 05	dilatation	
12	iP	08 38 26.5	compression	
	i	42 56		
12	i	10 29 08	compression	
12	iP	16 43 05	compression	
12	iP	17 39 55	compression	45°
	iS	46 34		

18	iP	07 08 01	dilatation	
20	iP	00 34 06.5	dilatation	
20	iP	09 31 21.5	dilatation	74°
	eS	40 52		
	eL	55 30.5		
20	iP	21 34 37	dilatation	
21	iP	17 49 20	compression	
22	iP	08 09 12	compression	
22	iP	18 31 24	compression	
22	iP	19 42 65.5	compression	
	i	20 09 53.5		
22	iP	21 00 53	compression	
23	iP	04 53 14.5	dilatation	
23	iP	12 43 13	compression	
23	iP	18 42 44.5	compression	
24	eL	03 11 32		
24	iP	23 32 57	compression	
25	iP	02 03 16.5	compression	76°
	iS	12 57		
	R	31 52		
25	iP	09 25 04	dilatation	
	i	28 35.5		
	i	48 44		
26	iP	13 24 26	dilatation	
26	iP	16 25 37	dilatation	
28	iP	02 49 39.5	dilatation	

OTHER SHORT PERIOD ACTIVITY

02	18 41 51.5	24	09 01 44
	17 21 45		02 24.5
03	18 30 14	24	17 14 35
11	16 22 40.5	28	19 27 40
	24 19		20 27 15.5
	25 27		21 36 02.5
	26 16		
	20 35 16	29	19 56 07
23	18 33 54.5		23 25 34

OTHER LONG PERIOD ACTIVITY

14	09 04 00
	11 47 00
19	13 57 00