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 ***

JANUARY
1944

No. 74

04	eP?	01 03 58			
05	eP'	21 32 05	Δ = 141.5°		
	ePP	35 07			
	ePPS	47 37			
10	iP	20 16 53	Δ = 34.7°	Compression	
	eS	22 32			
10	iP	20 40 23		Compression	
12	eL	15 21 46			
15	eM	05 59 13			
16	iP	00 01 02	Δ = 72.3°	Compression	
	eS	10 27			
16	eL	14 45 03			
20	eSS?	03 45 02			
24	eL?	06 21 48			
24	e	07 07 11			
25	iP	07 52 46		Compression	
	i	53 10			
27	e	04 58 39			
29	eP?	02 34 10			

E. R. Powers, S. J.

φ = 42° 23′ 00″ N
λ = 71° 19′ 20″ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

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

*** PRELIMINARY BULLETIN ***

FEBRUARY
1944

No. 75

01	eP	03 34 01	Δ = 74.1°	
	eS	43 38		
03	eP	12 25 00	Δ = 44.4°	
	eS	29 30		
04	e	21 18 32		
04	e	23 59 50		
	eL	00 03 06		
05	e	17 38 24		
	eSS	55 50		
07	e	18 02 21		
07	eL	20 23 20		
15	eL	05 52 30		
21	eP?	11 35 58		
23	eL	01 43 00		
23	eL	06 31 20		
23	eL	11 57 50		
25	eP	07 42 01		
26	eP?	22 32 16		
29	iP	03 51 22	Δ = ca.56°	Depth ca. 165 km.
	epP	51 48		
	eS	58 48		
	i	58 57		
29	e	16 44 02	Δ = 130°	
	iP'	47 12		Compression
	iPP	49 20		
	ePPS	17 01 01		

E. R. Powers, S. J

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h = 65 meters
Gabbrodiorite.

WESTON, MASS.

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

*** PRELIMINARY BULLETIN ***

MARCH
1944

No. 76

06	ePP	20	18 46	Δ = 41,5°
	eS		23 20	
06	eL	23	11 56	
06	ePP	23	26 07	Δ = 41.8°
	eS		30 43	
07	eL	06	31.1	
07	eL	07	07.0	
07	eL	08	42.1	
09	eM	00	00 05	
09	e	16	45 32	
09	eP	22	26 04	Δ = 85.1°
	eS		36 32	
10	eP	06	53 13	Δ = 88.5°
	eS	07	03 58	
14	eL	19	38 23	
15	eL	05	54 56	
16	eL	13	25 12	
21	eP'	22	22 59	
22	eP'	01	02 27	Δ = 143.[illegible]°
	ipP'		03 16	
	ePP		05 43	
	SKKP		14 01	
22	eL	18	20 30	
22	eL	20	10 00	
29	eP_n	20	37 58	Δ = 197 km.
	eS_2		38 22	
31	e	03	11 06	
	eL		48 30	
31	eP	20	43 11	Δ = 43.1°
	eS		49 32	

E. R. Powers, S. J.

φ = 42° 23′ 00″ N
λ = 71° 19′ 20″ W

h = 65 meters
Gabbrodiorite.

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

*** PRELIMINARY BULLETIN ***

No. 77

APRIL
1944

02	eL	04 59 03		
03	eL	18 49 44		
05	eP	04 52 04		
	eL	05 23 38		
07	eP	13 39 18	Δ = 42.0°	
	eS	45 33		
09	eP_n	12 46 29	Δ = 942 km.	
	eS_1	49 04		
19	e	22 54 14		
	eL?	23 07 35		
21	eP	15 09 01	Δ = 39.8°	
	eS	15 05		
24	eL	02 33 12		
26	e	02 10 23	Δ = 131°	
	eP'	13 30		
	ePP	15 51		
	ePPS	27 35		
27	eP'	14 57 24	Δ = 131°	
	ePP	59 44		
	ePPS	15 11 34		
27	eP'	15 09 13		
27	eP'	19 24 23		
	eSS	44 31		
28	eP	05 57 27	Δ = 35.8°	
	eS	06 03 06		
29	eP	06 34 53		

E. R. Powers, S. J.

φ = 42° 23′ 00″ N
λ = 71° 19′ 20″ W

h = 65 meters
Gabbrodiorite.

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

*** PRELIMINARY BULLETIN ***

MAY
1944

No. 78

04	eL	07	41	04	
05	e	06	10	04	
	eL		51	32	
06	eP	00	19	50	Δ = 28.7°
	eS		24	41	
07	e	15	19	13	
	eL		35	53	
09	eP	14	37	17	Δ = 39.4°
	eS		43	18	
15	e	19	37	41	
	eL	20	11	20	
18	eP'	05	02	23	Δ = 122.5°
	ePP		03	57	
	ePS		13	48	
19	ePP	00	39	59	Δ = 122.5°
	eSKS		45	20	
	ePS		49	43	
20	eL?	01	17	32	
20	eM	22	42	00	
20	eM	23	46	08	
21	e	00	29	39	
	eL		33	22	
21	e	04	55	43	
	eL		58	49	
21	eP	17	12	11	Δ = 21.2°
	eS		16	02	
23	eP	10	48	56	Δ = 63.6°
	eS		57	29	
24	eP	01	35	26	Δ = 20.9°
	eS		39	15	
25	e	01	22	50	Δ = 117.6° depth ca. 600 km.
	iP'		24	12	
	ePP		25	34	
	PKKP		34	40	
25	eP	13	13	33	Δ = 125°
	eP'		17	08	
	ePP		18	50	
29	eP'	02	50	41	
	ePP?		52	12	

Mean = 124.6
PR I-H = 124.7

Mean = 124.6

BULLETIN

of the Weston College Seismological Observatory

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

*** PRELIMINARY BULLETIN ***

JUNE
1944

No. 79

03	eP	07 17 24	Δ = 23.2°	
	eS	21 30		
04	eP_n	02 09 02	Δ = 226 km.	felt in Washington County, Vermont.
	eS_1	09 28		
06	eP	12 01 11		
07	eP	06 34 05	Δ = 21.1°	
	eS	38 07		
09	eSS	21 13 16		
10	eL	14 47 10		
11	eL	19 36 45		
12	iP	11 23 46	Compression	
	eM	38 19		
16	eP	21 58 40	Δ = 38.2°	
	eS	22 04 33		
18	eL	22 32 04		
19	eL	02 36 24		
20	eL?	02 21 23		
20	eL	12 58 04		
21	eSS?	11 31 04		
22	eM	01 01 10		
23	eP	06 39 39	Δ = 07.1°	
	eS	40 59		
25	eL	01 20 38		
25	eP	04 27 43	Δ = 74.7°	
	eS	37 08		
25	eP'?	14 36 26		
	eL	15 09 22		
25	eP	17 52 21	Δ = 61.6°	
	eS	18 00 44		
27	eP	23 41 59		
	eL	51 32		
28	eP	05 38 40		
	eS?	43 51		
28	iP	08 05 32	Δ = 31.4°	Comp. to NE
	eS	10 42		
28	eL	13 16 24		
28	eL	19 11 00		
29	eL	01 42 54		

BULLETIN

of the Weston College Seismological Observatory

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

***PRELIMINARY BULLETIN ***

JULY
1944

No. 80

01	eL	11	38	00	
02	eL	04	07	18	
02	eL	03	24	20	
02	eP	22	19	01	Δ = 35.4° ?
	eS?		24	25	
04	eL	01	29	25	
04	eL	03	41	20	
05	eL	10	02	20	
05	eP?	11	09	11	
07	eL	18	21	18	
08	eL	01	50	08	
10	e	13	49	37	
	eL?		53	02	
10	eP'	16	06	34	Δ = 124°
	ePP		08	14	
	ePS		18	06	
11	eM	19	35	06	
12	eP?	08	08	33	Δ = 24.7° ?
	eS?		12	53	
12	e	19	43	38	
	eM		46	40	
13	eL	11	38	08	
17	eL	11	24	06	
19	eP?	10	35	06	
	eSS		53	36	
19	eL	16	51	18	
19	eL	18	19	36	
20	eL	00	10	16	
21	eL	12	46	14	
23	eP	16	24	04	
24	eM	08	34	40	
27	iP	00	14	19	Δ = 60° Comp. to Southeast
	e		14	35	
	eS		22	18	
27	e	08	39	21	
	eL	09	09	36	
30	iP	04	11	43	
	eS		20	48	

E. R. Powers, 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 ***

AUGUST 1944

No. 81

02	e	12	35	00		
	eL		41	06		
02	eM	18	41	10		
02	eL	23	56	12		
05	eP	13	13	28	Δ = 32,5°?	
	eS?		18	45		
06	e	15	54	59		
06	eM	17	32	40		
06	e	18	32	00		
	eL	19	09	00		
07	iP	03	35	20	Δ = ca.59°	Slight depth
	e		35	34		
	eS		43	24		
07	e	12	55	27		
	eL	13	39	16		
07	e	18	54	09		
	eL	19	08	10		
08	eP'?	08	53	11		
	ePS?	09	04	42		
	eL		31	18		
09	eP	04	20	56	Δ = 21.2°	
	eS		24	47		
10	eP	02	00	35	Δ = 40.4°	
	eS		06	42		
10	e	11	38	10		
	eL?		45	16		
11	eP	09	53	17	Δ = 21.5°	
	eS		57	10		
13 (~~12~~)	eP	08	30	12	Δ = 40.6°	
	eS		36	09		
14	iP	11	16	23	Δ = 51.4°?	
	eS?		23	39		
14	eL	15	16	18		
15	eL	02	20	14		
15	eP'	12	06	10	Δ = 112°	
	eS		14	38		
16	e	15	12	40		
17	eM	18	18	10		

PRELIMINARY BULLETIN No. 81 cont.

18	iP	10	46	28	Δ = 94°	Depth ca. 100 km.
	cS		57	26		
18	cP	19	32	56	Δ = 82.0°	
	cS		41	19		
21	cPP?	20	23	41	Δ = 54.2°?	
	cS		29	12		
24	cP	16	07	26	Δ = 46.7°	
	cS		14	12		
24	cP	23	44	17	Δ = 29.8°	
	i		44	38		
	cS		49	15		
25	cM	16	11	24		
30	cP'	01	33	06		
	cSS		52	26		
	cL	02	12	14		

E. R. Powers, 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 ***

SEP TEMBER
1944

No. 82

03	eP?	19 25 29	dist.- ca.116°
	ePP	30 11	
	ePS	39 33	
05	iP_n	04 39 40.5	Dist.- 388 km (241 mi)
	eS_3	40 25.2	
05	iP_n	08 52 01 3	Dist.- 391 km (243 mi)
	eS_n	52 42.9	
05	e	15 56 35	
	e	58 18	
	eL	16 18 25	
0			
06	e	06 21 09	
	eSS?	29 52	
	eL	44 38	
06	eL	15 12 45	
09	iP	17 43 50	
	eL	18 04 00	
09	iP_n	23 25 45. 0	Dist -420 km (261 mi)
	iS_n	26 29.0	
11	eP'	10 04 31	Dist - 136°
	iPP	07 15	
	eSS	25 00	
11	iP'?	10 05 04	
12	eSS?	03 10 24	
	eL	28 14	
14	eP'	06 58 33	Dist.- ca 141°
	iP'	58 45	
	eSKP	07 05 26	
	eSS	20 58	
19	iP	13 17 45	Dist.- 74.1°
	eS?	27 23	
23	eP	12 24 56	Dist.- 74.1°
	eS	34 33	
23	eL	16 57 02	
24	iP	11 07 25	
25	iP	16 27 21	Dist.- 75°
	eS	37 05	
27	eP	16 38 22	Dist - 86.2°?
	eS?	48 55	
29	eP?	19 05 10	
	eL	40 20	

φ = 42° 23′ 00″ N
λ = 71° 19′ 20″ W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

BULLETIN

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

*** PRELIMINARY BULLETIN ***

OCTOBER 1944 No.83

02	iP	17 28 18	Dist - 33.2°	h - ca.100 km.
	eS	33 28		
02	iP	20 42 45	Dist - 90.3°	h - ca.100 km.
	eS	53 38		
05	eP'	17 16 28	Dist - 126°	
	ePP	18 23		
	eSS	34 57		
06	iP	02 45 55	Dist 70.0°	
	eS	55 05		
07	ePP?	19 22 31		
	eL	43 39		
07	eP?	21 45 33		
09	eM	21 50 25		
11	e	10 03 58		
	ePS?	13 23		
	eL	35 30		
14	iP'?	02 37 25	Dist.- ca.130°?	
	ePP?	39 26		
	eL	03 10 40		
14? 15	iP	15 27 34		
14? 15	e	16 38 56		
	ePS	50 19		
	eL	17 15 00		
14? 15	e	20 39 00		
	eL	56 00		
17	e	18 50 43	Dist.- ca.105°	
	ePP	55 03		
	eG	19 19 10		
23	iP	23 48 00	Dist.- 43.4°	
	iS	54 23		
24	iP	00 35 37		
29	eL	00 56 32		
31	iP_n	08 43 20.0	Dist - 337 km (209 mi)	
	eS_1	44 11.4		

E. R. Powers, S. J.

φ = 42° 25' 00" N
λ = 71° 19' 20" W

h = 65 meters
Gabbrodiorite.

WESTON, MASS.

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

*** PRELIMINARY BULLETIN ***

NOVEMBER
1944

No. 84

10	eP	13 26 09	Dist.- 55.5°?, 54.6	
	eS?	33 50		
13	eP_n	11 51		
	eS_n	53 03		
15	eP'	21 06 08	Dist.- 130°	h - 100 km.
	ipP'	06 20		
	eSP	18 31		
	ePS	18 43		
16	ePP	12 31 24	Dist - ca. 123°	
	ePS	41 16		
	eG	13 02 08		
24	iP'	05 07 45	Dist. - 125.5°	
	iPP	09 31		
	ePS?	20 03		
	eG	40 20		
26	eM	09 12 05		
29	eP'?	19 11 49		
	e	13 00		
	e	21 00		
	eSS?	28 37		

E. R. Powers, S. J.

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λ = 71° 19' 20" W

h = 65 meters
Gabbrodiorite.

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

*** PRELIMINARY BULLETIN ***

DECEMBER
1944

No. 85

04	eM	21 29 25	
05	e	15 00 25	
	eM	03 55	
07	eP	04 49 28	Dist - 100.5°
	i	49 40	
	eS	05 00 59	
08	eM	14 10 30	
10	eM	06 24 10	
10	eP'	16 43 56	Dist. - ca.125°
	ePP	45 40	
12	iP	04 28 07	
22	eP	22 42 36	Dist.- 66 8°
	i	42 38	
	eS	51 27	
23	eM	17 28 14	
24	eM	15 52 04	
27	eP'	15 44 45	Dist -ca.128°
	ePP	46 44	
	eSS	16 03 23	
28	eP'	01 24 37	Dist - ca.128°
	eSS	44 13	
	eG	59 17	
30	eP?	22 10 57	

E. R. Powers, S. J.