

N E S A B U L L E T I N

January 1-31, 1946

Bulletin No. 181



NOTICE:

Beginning with this month's bulletin all numbers will be issued monthly instead of semi-monthly as in the past. If the member stations feel that the semi-monthly issue is of greater advantage to them we may return to that method.

***** (January 2) *****

Weston

iP ₁	21	15	56		
iS ₁		16	20	dist. = 193 km. (120 mi.)	blast?

***** (January 3) *****

Weston

iP ₁	19	10	10		
iS ₁		10	48	dist. = 306 km. (190 mi.)	blast?

***** (January 5) *****

Fordham

Weston

iP ₂	20	29	45	eS ₁	20	31	21
iS ₂		30	13				
dist. = 243 km. (151 mi.)							

***** (January 9) *****

Ottawa

Weston

e	20	03	17	eS ₁	20	03	45	Rockburst at Lyon Mt., N.Y.
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***** (January 16) *****

Ottawa

iP ₂	20	38	18		
iS ₂		38	35	dist. = 150 km. (93 mi.)	

***** (January 17) *****

Seven Falls

P₃ 08 05 37.5
S_n 06 06.5
S₁ 06 17.5

dist. = 298 km. (185 mi.)

Shawinigan Falls

P₂ 08 05 59
S₁ 06 57

dist. = 435 km. (270 mi.)

Ottawa

P₃ 08 06 25
S₃ 07 37.5
S₁ 08 10

dist. = 685 km. (426 mi.)

Weston

eP₂ 08 06 53
eP₁ 07 02 ?
eS_n 07 53
iS₃ 08 06
iS₂ 08 18
iS₁ 08 42

NESA gives 49°4 N., 68°7 W.

H = 08 04 52

dist. = 800 km. (497 mi.)

Southwest Saguenay Province, Canada!

***** (January 18) *****

Ottawa

P₂ 20 19 59
S₂ 20 16.5

dist. = 150 km. (93 mi.)

***** (January 19) *****

Ottawa

P₃ 16 05 52.5
S₃ 06 30
S₁ 06 46

dist. = 340 km. (211 mi.)

Shawinigan Falls

e 16 07 18

Weston

iP₂ 16 08 20

readings disturbed by R.R.

Quake !

***** (January 20) *****

Fordham

iP₂ 17 13 47
iS₂ 14 13

dist. = 225 km. (140 mi.)

Weston

iS₁ 17 15 20

***** (January 22) *****

Weston

eS₁ 07 34 51

***** (January 24) *****

Fordham

eP 10 03 59
eS 08 04

Weston

eP 10 04 33 West Indies Quake!
es 08 30 Absolute times do not
agree!

***** (January 27) *****

Weston

eS₁ 17 16 10

ADDENDA to Bulletins Nos. 179-180:

1945

***** (December 2) *****

Ottawa

P₁ 15 22 45
S₁ 22 55.5

Shawinigan Falls

e 15 23 42

Cornwall-Massena region ?

dist. = 90 km. (56 mi.)

***** (December 3) *****

Ottawa

P₂ 20 36 56
S₂ 37 13.5

dist. = 150 km. (93 mi.)

***** (December 7) *****

Seven Falls

P₁ 05 54 35
S₁ 54 42

dist. = 60 km. (37 mi.)

***** (December 10) *****

Ottawa

P₂ 21 24 40.5
S₂ 58

dist. = 150 km. (93 mi.)

***** (December 20) *****

Ottawa

P ₂	21	06	39	
S ₂		06	57	
e		07	03.5	dist. = 155 km. (96 mi.)

***** (December 27) *****

Ottawa

P ₂	20	50	22.5	
S ₂		50	40	
e		50	54	dist. = 150 km. (93 mi.)

Daniel Linehan, S.J.
Seismologist.

***** (February 1) *****

Weston

e 19 00 02
e 00 44

***** (February 4) *****

Fordham

i 03 55 18

Weston

i 03 55 19 Probably deep teleseism.

***** (February 5) *****

Fordham

eP 12 51 46
eS 55 45

Weston

eP 12 51 52 West Indies Quake.
eS 55 52

***** (February 5) *****

Weston

e 20 12 10 Deep teleseism?

***** (February 8) *****

Weston

P_n 15 00 41
S₁ 01 05 Dist. - 181 km. (112 mi.)

***** (February 15) *****

Weston

i 14 39 32

***** (February 21) *****

Ottawa

P_n 12 36 27
P₂ 36 35
S_n 37 11.5
S₂ 37 24 Dist. - 410 km. (255 mi.)

Weston

e 12 39 37

N E S A B U L L E T I N

March 1-31, 1946

Bulletin No. 183

***** (March 2) *****

Weston

e 13 03 44 deep teleseism?

***** (March 4) *****

Fordham

P₂ 20 09 42
S₂ 10 09

Dist. = 237 km. (147 mi.)

Weston

eP₁ 20 10 24 H = 20 09 05
eS_n 11 00

Dist. = 485 km. (301 mi.)

***** (March 4) *****

Fordham

P₂ 21 21 07
S₂ 21 32

Dist. = 216 km. (134 mi.)

Weston

eS_n 21 22 23

***** (March 6) *****

Fordham

P₂ 21 56 30
S₂ 56 58

Dist. = 243 km. (151 mi.)

Weston

eP₁ 21 57 13
eS₂ 58 04

Dist. = 513 km. (319 mi.)

***** (March 8) *****

Fordham

P₂ 21 17 06
S₂ 17 27

dist. = 178 km. (111 mi.)

Weston

eS_n 21 18 23
eS₂ 18 34

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***** (March 9) *****

Fordham

P 21 56.7
S 22 00.5

Weston

eP 21 56 54
eS 22 00 50

Dist. = 22°0

West Indies Quake
Micros prevented more
accurate reading at
Fordham.

***** (March 10) *****

Weston

eP 22 14 57
e 19 15

Weak West Indies Quake?

***** (March 12) *****

Weston

eP₁ 21 28 21
eS₂ 28 38

Dist. = 140 km. (87 mi.)

***** (March 15) *****

Weston

eP 10 33 31
eS 37 23

West Indies Quake.

***** (March 15) *****

Fordham

i 13 46 49

Weston

i 13 47 00 Teleseism?

Fordham

***** (March 16) *****

Fordham

P₂ 04 09 22
S₂ 09 47

Dist. = 216 km. (134 mi.)

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***** (March 16) *****

Weston

eS₂ 04 20 51

***** (March 19) *****

Weston

eS₁ 20 01 47

***** (March 20) *****

Fordham

iP₂ 03 54 23

iS₂ 54 53

Dist. = 257 km. (160 mi.)

***** (March 21) *****

Weston

iP₁ 20 22 21

eS₁ 22 34

Dist. = 99 km. (62 mi.)

***** (March 21) *****

Fordham

Weston

iP₂ 23 05 23

iS₂ 05 48

eS₂ 23 06 43

eS₁ 06 54

Dist. = 215 km. (134 mi.)

***** (March 21) *****

Fordham

iP₂ 23 10 24.5

iS₂ 10 47.0

Dist. = 192 km. (119 mi.)

***** (March 22) *****

Weston

eP₂ 16 13 14
eP₁ 13 15
eS₂ 13 38

Dist. = 205 km. (127 mi.)

***** (March 22) *****

Weston

eS₂ 22 55 32

***** (March 25) *****

Weston

eP 08 52 42
eS 56 38

West Indies Quake.

***** (March 28) *****

Weston

eP₁ 20 06 08
eS₁ 06 23

Dist. = 119 km. (74 mi.)

***** (March 29) *****

Weston

eP₁ 15 05 22.5
eS₁ 05 28

Dist. = 42 km. (26 mi.) Blast.

***** (March 29) *****

Weston

e 20 02 25

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***** (March 29) *****

Weston

e 20 14 42

***** (March 30) *****

Fordham

iP₂ 00 32 45

iS₂ 33 12

Dist. = 234 km. (145 mi.)

***** (March 31) *****

Fordham

iP₂ 03 52 14

iS₂ 52 41

Dist. = 234 km. (145 mi.)

Weston

e 03 53 47

E. R. Powers, S.J.

N E S A B U L L E T I N

April 1-30, 1946

Bulletin No. 184

***** (April 1) *****

Weston

P₁ 17 47 33.1
S₁ 47 44.6

Submarine explosion.

Dist. = 91 km. (57 mi.)

***** (April 1) *****

Weston

P₁ 17 49 06.0
S₁ 49 17.3

Submarine explosion.

Dist. 89 km. (55 mi.)

***** (April 1) *****

Weston

P₁ 18 06 38.1
S₁ 06 49.6

Submarine explosion.
4 others within 1 min.

Dist. 91 km. (57 mi.)

***** (April 4) *****

Weston

P₁ 15 20 31.1
S₁ 20 35.3

Dist. 34 km. (21 mi.)

***** (April 6) *****

Weston

P₁ 16 23 15
S₁ 23 25

Submarine explosion.
5 others within next 7 min.

Dist. 79 km. (49 mi.)

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***** (April 7) *****

Weston

P₁ 16 48 53.1
S₁ 48 04.5

Dist. 90 km. (56 mi.)

***** (April 10) *****

Weston

P₁ 15 01 40
S₁ 01 44

Blast.

***** (April 11) *****

Weston

P₁ 20 01 08
S₁ 01 32

Dist. = 188 km. (117 mi.)
H = 20 00 37.5

***** (April 12) *****

Weston

P₁ 15 32 55

Blast.

***** (April 14) *****

Fordham

P₂ 17 02 20.5
S₂ 02 45.1

Weston

e 17 02 59.9
S₂ 03 42.1

H = 17 01 46.8
Blast?

Dist. = 213 km. (132 mi.) Dist. = 437 km. (271 mi.)

***** (April 17) *****

Weston

P₂ 19 10 39.2
S₂ 10 59.0

Blast at North Branford, Conn.
According to Harvard.

Dist. = 169 km. (105 mi.)

***** (April 18) *****

Weston

P₂ 18 30 09
S₂ 30 28.5

Dist. = 165 km. (102 mi.)
H = 18 29 42

***** (April 20) *****

Weston

P₁ 16 14 46.4
S₁ 14 50.0

Blast

Dist. = 29 km. (18 mi.)

***** (April 21) *****

Weston

P₁ 05 07 26
S₁ 07 55

Dist. = 230 km. (143 mi.)
H = 05 05 48

***** (April 23) *****

Weston

P₁ 15 30 23.0
S₁ 30 36.1

Dist. = 104 km. (65 mi.)
H = 15 30 06.1

***** (April 24) *****

Weston

P₁ 14 07 50
S₁ 07 58

Dist. = 71 km. (44mi.)
H = 14 07 38

Submarine explosion; followed by four others within 7 min.

***** (April 29) *****

Weston

eP 01 36 35
eS 40 31
e 57 28

Dist. = 22.0°
H = 01 31 38

West Indies Quake.

N E S A B U L L E T I N

May 1-31, 1946

Bulletin No. 185

***** (May 1) *****

Weston

i 20 32 03.4

***** (May 2) *****

Weston

P₁ 12 43 15.6
S₁ 43 17.9

Dist. = 11 km. (8 mi.)
Blast

***** (May 2) *****

Weston

P₁ 15 44 58.1
S₁ 45 02.2

Dist. = 33 km. (21 mi.)
Blast.

***** (May 2) *****

Weston

e 15 54 28.4

***** (May 2) *****

Ottawa

P₂ 22 48 04
S₂ 48 31

Dist. = 237 km. (147 mi.)

Weston

P₂ 22 48 10.5
S₂ 48 41.5

H = 22 47.5

Dist. = 273 km. (170 mi.)

***** (May 3) *****

Weston

P₁ 15 53 47.7
S₁ 53 50.6

Dist. = 24 km. (15 mi.)

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***** (May 3) *****

Weston

i 19 52 51.8
i 52 55.8

***** (May 4) *****

Weston

P₁ 13 32 09.0
S₁ 32 23.6

Dist. = 116 km. (72 mi.)
H = 13 31 50

***** (May 5) *****

Weston

P₂ 19 39 49.9
S₂ 40 10.5

Dist. = 175 km. (109 mi.)
H = 19 39 22

***** (May 6) *****

Weston

P₁ 19 35 38.4
S₁ 35 41.7

Dist. = 26 km. (16 mi.)
H = 19 35 34.2

Blast

***** (May 7) *****

Weston

S₂? 14 52 25.3

***** (May 8) *****

Weston

i 14 40 06.2

***** (May 9) *****

Weston

P₁ 14 46 13.9
S₁ 46 15.7

Dist. 15 km. (9 mi.)

Blast

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***** (May 10) *****

Weston

e 19 30 12

***** (May 11) *****

Weston

P₁ 16 52 42
S₁ 52 54

Dist. = 94 km. (58 mi.)
H = 16 52 25

***** (May 11) *****

Weston

P₂ 20 35 22.4
S₂ 45 46.5

Dist. = 184 km. (114 mi.)
H = 20 34 54.1

***** (May 13) *****

Weston

P₁ 20 52 49.1
S₂ 53 05.5

Dist. 144 km. (89 mi.)
H = 20 52 25

***** (May 13) *****

Weston

S₂? 21 31 53

***** (May 14) *****

Weston

e 18 58 34

***** (May 16) *****

Weston

i 15 45 10
S₂ 46 48

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***** (May 17) *****

Weston

P₁ 20 10 55.0
S₁ 10 59.0

Dist. = 31 km. (19 mi.)
H = 20 10 50

***** (May 21) *****

Weston

eP 17 54 48
58 37

Dist. = 21.1°
H = 17 50 01

West Indies Quake.

***** (May 22) *****

Ottawa

P₁ 14 28 10.5
S₁ 28.5

Weston

S₂? 14 29 04

Ottawa gives Cornwall
as possible location.

Dist. 90 km. (56 mi.)
H = 14 27.9

***** (May 22) *****

Weston

P₁ 17 23 35
S₁ 23 47.5

Dist. = 99 km. (62 mi.)
H = 17 23 19

Submarine explosion; followed by several others within next 2 min.

***** (May 23) *****

Ottawa

P₂ 20 03 15
S₂ 03 32

Weston

e 20 04 40

Dist. 150 km. (93 mi.)
H = 20 02.8

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***** (May 24) *****

Weston

e 18 08 46
P₁ 08 48
S₁ 09 11.5

Dist. = 188 km. (117 mi.)

H = 18 08 17

***** (May 27) *****

Weston

eP 14 21 41
eS 26 35
e 46 00

Dist. 29.2°
H = 14 15 37

West Indies Quake.

***** (May 27) *****

Ottawa

P₁ 14 30 16.5
i 30 17.5
S₁ 30 27
i 30 28.5

Dist. = 90 km. (56 mi.)

Cornwall ?

H = 14 30.0

***** (May 29) *****

Ottawa

i 19 42 39

***** (May 31) *****

Weston

P₁ 19 54 32
S₁ 54 35

Dist. = 103 km. (64 mi.)
H = 19 54 15

E, R, Powers, S.J.

N E S A B U L L E T I N



June 1-30, 1946

Bulletin No. 186

***** (June 1) *****

Weston

iP 13 10 38.1 DSW
iS 56.1

Dist. = 155 km. (96 mi.)
H = 13 10 13.1
Blast.

***** (June 1) *****

Weston

eP 14 42 12.5
iS 15.9
iL 17.3

Dist. = 26 km. (16.2 mi.)
H = 14 42 08.2
Blast

***** (June 1) *****

Weston

eP 19 15 41.0
iS 45.3
iL 47.2

Dist. = 33 km. (20.5 mi.)
H = 19 15 35.6
Blast

***** (June 16) *****

Weston

eP 19 33 56.7
iS 34 07.0

Dist. = ca. 81 km. (50 mi.)
H = 19 33 53.5

***** (June 17) *****

Ottawa

P₂ 20 26 29
S₂ 46

Dist. = 150 km. (93.2 mi.)
H = 20 26.1

***** (June 20) *****

Weston

eP 20 05 21.3
iS 26.0
iL 28.5

Dist. = 36 km. (22.4 mi.)
H = 20 05 15.4

***** (June 21) *****

Weston

eP 14 21 11.2 DN
iS 11.5

Dist. = 1 km. (0.6 mi.)
H = 14 21 11.0

***** (June 25) *****

Weston

iP 14 17 25.1 CN
iS 35.9

Dist. = 85 km. (52.8 mi.)
H = 14 17 11.2

***** (June 27) *****

Weston

eP? 14 18 57.6

***** (June 27) *****

Ottawa

P₂ 21 06 41.5
S₂ 56.5

Dist. = 130 km. (80.8 mi.)
H = 21 06.3

Weston

eP₂ 21 07 20.2
eS₃ 57.4
iS₂ 08 02.2
iS₁ 10.7

Dist. = 378 km. (235 mi.)
H = 21 06 22.3

***** (June 28) *****

Weston

iP_n 15 25 15.5
iP₂ 15.7
iP₁ 16.6
iS₃ 35.0
iS₂ 35.5
iS₁ 37.4
iL 47.8

Dist. = 169 km. (105 mi.)
H = 15 24 46.8

Quarry Blast at North Branford, Conn.,
41° 20' 10"N, 72° 47' 34"W. 43,000 lbs.
of dynamite. (Kindness of L. Don Leet).

J. I. Monagle, S.J.

N E S A B U L L E T I N

July 1-31, 1946

Bulletin No. 187

***** (July 3) *****

Weston

iP₁ 14 30 24.1 DS
iS₁ 27.4

Dist. = 25 km. (15.5 mi.)
H = 14 30 20
Blast

***** (July 3) *****

Weston

iP_n 15 08 16.1 D
iS_n 38.9
iS₂ 40.8
iS₁ 43.6

Dist. = 203 km. (126.1 mi.)
H = 15 07 44.2
Blast

***** (July 3) *****

Weston

iP₁ 15 49 19.6
iS₁ 22.1

Dist. = 19 km. (11.8 mi.)
H = 15 49 16.6

***** (July 8) *****

Weston

iP₁ 15 09 21.2 CNE
iS₁ 24.5
iL 25.5

Dist. = 25 km. (15.5 mi.)
H = 15 09 17.2

***** (July 9) *****

Weston

iP₁ 17 54 39.5
iS₁ 42.0

Dist. = 19 km. (11.8 mi.)
H = 17 54 36.4

***** (July 11) *****

Weston

iP₁ 19 59 49.0
iS₁ 59.9

Dist. = 87 km. (54.1 mi.)
H = 19 59 34.8

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***** (July 14) *****

Ottawa

P 21 38 00.5
S 37.5
i 49.5
S₁ 53

Dist. = 335 km. (208.2 mi.)
H = 21 37 12

***** (July 15) *****

Weston

iP₁ 20 05 29.2
iS₁ 42.0

Dist. = 102 km. (63.4 mi.)
H = 20 05 12.6

***** (July 16) *****

Weston

eP 03 42 47
eS 47 06
eT 04 06 10

Dist. = 24.8
H = 03 37 23
Caribbean quake.

***** (July 19) *****

Weston

eP_n 18 00 06.2
iS₂ 29.5
iS₁ 32.0

Dist. = 193 km. (119.9 mi.)
H = 17 59 36.5
Blast

***** (July 22) *****

Weston

iP₁ 19 51 03.0
iS₁ 15.0
iL 21.5

Dist. = 112 km. (69.6 mi.)
H = 19 50 44.1
Blast

***** (July 27) *****

Ottawa

P₂ 15 59 19.5
S₂ 36.5
i 40

Dist. = 150 km. (93.2 mi.)
H = 15 58 55

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***** (July 30) *****

Weston

iP₁ 14 08 44.0
iS₁ 47.5

Dist. = 26 km. (16.2 mi.)
H = 14 08 39.8
Blast

***** (July 30) *****

Weston

iP₁ 21 01 11.7
iS₂ 36.0
iS₁ 39.0

Dist. = 201 km. (124.9 mi.)
H = 21 00 40.9

***** (July 30) *****

Weston

eP 22 49 45
eS 53 38
eT 23 11 51

Dist. = 21.6
H = 22 44 53
Caribbean quake.

***** (July 31) *****

Ottawa

i 21 57 41

Heavy blast originating about 5 miles
south of Ottawa.

J. I. Monagle, S.J.

N E S A B U L L E T I N

August 1-31, 1946 ***** Bulletin No. 188

***** (August 1) *****

Weston

eP₁ 01 44 32.5
i 35.1
iS₁ 42.2

Dist. = 77 km. (47.8 mi.)
H = 01 44 19.9

***** (August 1) *****

Weston

iP 21 01 08
eS 04 59
e 08 20
eT 22 40

Dist. = 21.4
H = 20 56 16
Caribbean quake.

***** (August 4) *****

Weston

eP 17 56 16
iPP 42
iPPP 50
eS 18 00 18
iS₂ 28
iG 32
iScS 07 33

Dist. = 22.4
H = 17 51 13
U.S.C.G.S. 19.3 N; 69.0 W
9 miles east of Samana Peninsula,
Dominican Republic

***** (August 4) *****

Weston

Caribbean Aftershocks:

iP 20 58 30
eP 21 27 41
iP 21 54 47

eP 23 00 36
eP 23 58 05

***** (August 5) *****

Weston

Caribbean aftershocks:

eP	00	30	21	eP	12	13	00
eP	00	57	04	eP	12	33	34
eP	01	14	22	e	13	08	45
eP	02	00	29	eP	13	16	14
eP	02	46	59	eP	13	18	55
eP	03	24	20	eP	13	59	09
eP	03	42	53	eP	14	08	20
eP	04	18	52	eP	15	12	27
eP	05	39	05	eP	15	29	07
iP	05	46	34	eP	17	28	58
eP	07	14	30	eP	17	39	50
eP	09	53	01	eP	17	45	10
eP	10	15	01	e	18	20	34
e	11	29	15	eP	20	13	57
				eP	23	08	55

***** (August 6) *****

Weston

Caribbean aftershocks:

eP	03	30	01	eP	17	09	05
eP	04	02	08	e	18	41	22
eP	06	02	27	e	19	02	58
eP	07	07	10	e	21	31	39
eP	15	20	23	e	21	35	33
iP	16	20	56	e	21	39	55

***** (August 7) *****

Weston

Caribbean aftershocks:

e	00	37	00	eP	11	16	28
e	02	12	49	eP	11	47	05
iP	05	38	12	iP	18	31	32
e	06	17	15	eP	19	26	35
eP	06	22	50	eP	19	42	10
eP	08	02	42	eP	21	32	27
eP	08	38	25	eP	22	16	30
e	09	37	20				

***** (August 8) *****

Weston

Caribbean aftershocks:

eP 01 51 34
eP 03 46 00
e 05 52 57

eP 08 37 37
e 09 45 02

***** (August 8) *****

Weston

iP 13 33 33 DSE
iPP 34 02
eS 37 42
iS 37 52
iG 38 00
eT 53 10

Dist. = 23.2
E = 13 28 23
Strong aftershock of
August 4 quake.

***** (August 8) *****

Weston

Caribbean aftershocks:

eP 14 33 50
eP 15 17 12
eP 15 24 15
eP 15 46 59
eP 16 11 30
eP 17 29 11

eP 18 24 22
eP 20 27 08
eP 20 56 56
e 22 11 04
e 22 20 58
e 22 49 45

***** (August 9) *****

Weston

Caribbean aftershocks:

eP 00 47 57
e 03 49 19
e 06 00 51
eP 08 05 30
eP 08 30 48
eP 10 14 59
e 12 10 45
eP 13 08 51

iP 13 17 36
iP 14 03 37
eP 16 39 15
iP 18 23 36
eP 19 00 10
eP 20 11 49
eP 20 58 25
eP 23 00 17

***** (August 10)*****

Weston

Caribbean aftershocks:

eP 02 15 32
eP 03 26 29
eP 07 03 50
eP 09 05 24
eP 11 50 54

eP 14 14 53
eP 14 23 53
i 16 04 16
e 17 33 00
e 18 20 50

***** (August 11)*****

Weston

Caribbean aftershocks:

eP 03 46 25
e 05 13 13
eP 10 02 46
eP 13 17 48

eP 16 52 10
eP 18 35 37

***** (August 12)*****

Weston

Caribbean aftershocks:

eP 02 44 33
eP 09 37 04
eP 15 10 07

e 16 14 35
eP 20 10 20
eP 21 19 29

***** (August 13)*****

Weston

Caribbean aftershocks:

e 04 47 20
eP 08 33 59

eP 14 32 04

***** (August 14)*****

Weston

Caribbean aftershocks:

e 15 00 03
eP 15 01 14
e 19 03 18

e 19 24 20
eP 19 52 12

- 5 -

***** (August 15)*****

Weston

Caribbean aftershocks:

e 01 09 05

eP 02 27 22

***** (August 16)*****

Weston

iP₁ 17 20 20.5

iS₁ 36.2

Dist. = 125 km; (77.7 mi.)

H = 17 20 00.1

***** (August 17)*****

Weston

Caribbean aftershocks:

eP 04 49 46.2

eP 07 11 07

eP 11 25 08

***** (August 18)*****

Weston

Caribbean aftershocks:

eP 02 20 40

eP 17 14 27

***** (August 19)*****

Weston

Caribbean aftershocks:

eP 04 08 11

eP 05 45 57

***** (August 20)*****

Weston

Caribbean aftershock:

eP 12 54 26

***** (August 20)*****

Weston

iP 20 43 53.0
iS 57.5
iL 59.5

Dist. = 34 km. (21.1 mi.)
H = 20 43 47.5

***** (August 21)*****

Weston

Caribbean aftershocks:

eP 06 55 18
eP 19 04 33

***** (August 21)*****

Weston

iP 19 22 49 DSE
iPP 23 11
iPPP 23 22
iS 26 52
iG 27 02

Dist. = 22.6
H = 19 17 44
Strong Caribbean aftershock

***** (August 21)*****

Weston

Caribbean aftershock:

eP 21 57 30

***** (August 22)*****

Weston

Caribbean aftershocks:

eP 01 22 51
iP 01 50 12

***** (August 22)*****

Ottawa

P₂ 15 17 12
S₂ 28.5
e 38.5

Dist. = 145 km. (90.1 mi.)
H = 15 16 48

- 7 -

***** (August 24) *****

Weston

Caribbean aftershocks:

eP 13 02 04

eP 14 23 22

eP 15 28 15

***** (August 28) *****

Ottawa

P₁ 09 10 32
i 34.5
S₁ 44
i 48

Dist. = 105 km. (65.2 mi.)
E = 09 10 13

***** (August 28) *****

Weston

Caribbean aftershock:

eP 22 31 33

***** (August 30) *****

Weston

Caribbean aftershock:

eP 21 43 52

J. I. Monagle, S.J.

September 1-31, 1946

Bulletin

***** (September 1) *****

Seven Falls

P₁ 04 39 49
S₁ 56
Dist. = 65 km. (40.4 mi.)
H = 04 39 35

Weston

eL? 04 42 16

***** (September 4) *****

Ottawa

P₁ 00 12 41.5
S₁ 55
Dist. = 115 km. (71.5 mi.)
H = 00 12 20

***** (September 5) *****

Weston

eP₁ 19 34 27.6
iS₁ 42.0

Dist. = 114 km. (70.8 mi.)
H = 19 34 09.1

***** (September 6) *****

Weston

eP 22 04 24
eS 08 27
eT 24 58

Dist. = 22°8
H = 21 59 18
Caribbean quake

***** (September 7) *****

Harvard

iP 18 31 56
iS 32 08
Dist. = 95 km. (59.0 mi.)
H = 18 31 40.6

Weston

eP 18 31 56
eS 32 08
Dist. = 95 km. (59.0 mi.)
H = 18 31 40.6

***** (September 8) *****

Weston

eP 00 56 07
eS 01 00 02
eT 16 40

Dist. = 22°8
H = 00 51 12
Caribbean quake

***** (September 9) *****

Weston

iP₁ 19 37 54.9 CNW
iS₁ 58.5

Dist. = 27 km. (16.8 mi.)
H = 19 37 50.5
Blast.

***** (September 9) *****

Harvard

iP₁ 20 02 17.2
iS₁ 20.9
iL 23.2

Dist. = 29 km. (18.0 mi.)
H = 20 02 12.4
Blast.

***** (September 12) *****

Weston

iP 17 44 40
iS 48 32
eT 18 04 40

Dist. = 21°4
H = 17 39 48
Caribbean quake.

***** (September 15) *****

Weston

iP 16 15 47
eS 19 42
eT 36 31

Dist. = 22°4
H = 16 10 47
Caribbean quake.

***** (September 16) *****

Weston

eP 07 37 50
eS 41 40
eT 59 04

Dist. = 21°4
H = 07 33 00
Caribbean quake.

***** (September 18) *****

Weston

eP 08 39 05
eS 43 01

Dist. = 22°2
H = 08 34 05
Caribbean quake.



***** (September 19) *****

Ottawa

Weston

P₂ 00 54 11
S₂ 41
i 44
Dist. = 265 km. (164.7 mi.)
H = 00 53 28

eL 00 55 50

***** (September 19) *****

Weston

eP 02 07 09
eS 11 05
eT 28 00

Dist. 22°2
H = 02 02 09
Caribbean quake

***** (September 19) *****

Weston

eP 07 02 04
eS 05 56
eG 06 10

Dist. = 21.8
H = 06 57 12
Moderately strong Caribbean quake.

***** (September 20) *****

Weston

eP 02 36 15
eS 40 06
eT 56 45

Dist. = 21°4
H = 02 31 23
Caribbean quake.

***** (September 20) *****

Weston

iP 17 41 06
eS 45 12
iS₂ 45 20
eT 18 02 15

Dist. = 22°7
H = 17 36 01
Moderately strong Caribbean quake.

***** (September 20) *****

Weston

eP₁ 20 34 59.6
eS₁ 35 06.0
iL 09.2
Dist. = 51 km. (31.7 mi.)
H = 20 34 51.3

iP₁ 20 35 01.5
iS₁ 10.7
iL 13.5
Dist. = 73 km. (45.4 mi.)
H = 20 34 49.6

Blast in Berkeley, R. I.; (courtesy of Mary P. Collins)

***** (September 20) *****

Harvard

iP₂ 21 37 56.5
iS₂ 38 17
Dist. = 174 km. (108.1 mi.)
H = 21 37 28.8

Weston

iP₁ 21 38 00.3
iS₂ 22.5
Dist. = 195 km. (121.2 mi.)
H = 21 37 28.8

***** (September 24) *****

Weston

eP 18 17 54
eS 21 51
eS₂ 22 06
eT 39 08

Dist. = 22°0
H = 18 12 58
Caribbean quake

***** (September 25) *****

Weston

eP 10 10 42
eS 14 35
eT 29 38

Dist. = 21°6
H = 10 05 49
Caribbean quake

***** (September 25) *****

Weston

eP 15 03 02
eS 07 04
eT 23 35

Dist. = 22°8
H = 14 57 54
Caribbean quake

***** (September 26) *****

Shawinigan Falls

P₁ 21 19 19
S₁ 25
Dist. = 55 km. (34.2 mi.)
H = 21 19 09

Seven Falls

P₁ 21 19 25
S₁ 40
Dist. 125 km. (77.7 mi.)
H = 21 19 03

***** (September 26) *****

Ottawa

P₂ 21 19 56
S₃ 20 26.5
S₂ 32
Dist. = 320 km. (198.8 mi.)
H = 21 19 04

Weston

eL 21 14.2

Felt at Deschaillons, Quebec.

***** (September 28) *****

Weston

eP 03 16 11
eS 20 04
eT 37 54

Dist. = 21.8
H = 03 11 15
Caribbean quake.

***** (September 30) *****

Weston

iP₁ 20 16 14.0
iS₁ 28.2

Dist. 113 km. (70.2 mi.)
H = 20 15 55.6

J. I. Monagle, S.J.

N E S A B U L L E T I N

October 1-31, 1946

Bulletin No. 190

***** (October 4) *****

Weston

iP 14 50 37
iS₂ 54 46
eT 15 10 44

Dist. = 22°6
H = 14 45 32
Strong Caribbean quake.

***** (October 4) *****

Weston

iP₁ 16 22 42.8
iS₁ 23 17.5

Dist. = 277 km. (172.1 mi.)
H = 16 21 57.6

***** (October 7) *****

Weston

eP 18 03 59
i 04 03
eS 07 57

Dist. = 22°4
H = 17 58 57
Caribbean aftershock.

***** (October 7) *****

Harvard

iP₁ 20 09 14.8
iS₁ 18.8
iL 20.0
Dist. = 32 km. (19.9 mi.)
H = 20 09 09.6

Weston

iP₁ 20 09 16.5 CS
iS₁ 20.5
iL 22.5
Dist. = 31 km. (19.2 mi.)
H = 20 09 11.4

Blast at Dracut, Mass. (42.7 N., 71.3 W.). Courtesy of
Mary P. Collins.

***** (October 9) *****

Ottawa

P₂ 21 34 26
S₂ 43.5

Dist. = 150 km. (93.2 mi.)
H = 21 34.0

***** (October 11) *****



Weston

iP₁ 14 12 19.5 S
iS₁ 23.2
Dist. = 28 km. (17.4 mi.)
H = 14 12 14.9

Harvard

iP₁ 14 12 23.3
iS₁ 29.7
iL 31.6
Dist. = 51 km. (31.7 mi.)
H = 14 12 14.9

***** (October 11) *****

Weston

iP₁ 18 36 33.0
iS₂ 50.0
iL 37 01

Dist. 143 km. (88.9 mi.)
H = 18 36 09.7
Blast.

***** (October 13) *****

Weston

eP₁ 11 11 26.1
eS₂ 42.2

Dist. = ca. 131 km. (81.4 mi.)
H = 11 11 05

***** (October 21) *****

Harvard

iP₁ 21 04 31.5
iS₁ 45
Dist. = 107 km. (66.5 mi.)
H = 21 04 14.1

Weston

iP₁ 21 04 33.7 DSW
i 47
iS₁ 49
Dist. = 121 km. (75 mi.)
H = 21 04 14.1

Blast at Westfield, Mass. (42.1 N., 72.6 W.). Courtesy of
Mary P. Collins.

***** (October 24) *****

Weston

eP 02 39 01
eS 42 57
eT 59 37

Dist. = 22°0
H = 02 34 03
Caribbean quake.

***** (October 28) *****

Ottawa

P₂ 20 37 53
S₂ 38 12.5
Dist. = 170 km. (105.6 mi.)
H = 20 37.4

Weston

eP₁ 20 37 53.2
eS₁ 38 14
Dist. = 166 km. (103.2 mi.)
H = 20 37 26

J. I. Monagle, S.J.

N E S A B U L L E T I N

November 1-30, 1946

Bulletin No. 191

***** (November 4) *****

Harvard

iP₁ 20 00 16.0
iS₁ 20.0
iL 22.1

Dist. = 32 km. (19.9 mi.)

H = 20 00 10.8

Blast at Dracut, Mass. (42.7 N., 71.3 W.). Courtesy of
Harry P. Collins

Weston

iP₁ 20 00 17.5 CS
iS₁ 21.5
iL 23.9

Dist. = 31 km. (19.2 mi.)

H = 20 00 12.4

***** (November 7) *****

Weston

eP 18 11 09
eS 15 09
eT 31 50

Dist. = 22°4

H = 18 06 07

Caribbean quake.

***** (November 10) *****

Ottawa

P₂ 11 42 13
S₂ 51

Dist. = 330 km. (205.0 mi.)

H = 11 41.3

Weston

e 11 43 42

***** (November 14) *****

Weston

iP 11 39 50.6
eS 43 55
iS 44 07
eT 12 00 46

Dist. = 22°8

H = 11 34 45

Moderately strong Caribbean quake.

***** (November 19) *****

Ottawa

P₁ 21 39 40
S₁ 58

Dist. = 150 km. (93.2 mi.)

H = 21 39.2

***** (November 20) *****

Harvard

iP₁ 20 01 02
iS₂ 22
iS₁ 24
Dist. = 176 km. (109.4 mi.)
H = 20 00 33.3

Weston

iP_n 20 01 03.2
iS₂ 27
Dist. = 196 km. (121.8 mi.)
H = 20 00 33.2

***** (November 22) *****

Weston

eP 09 34 20.5
iP 32.8
eS₁ 38 23.5
iS₂ 27.8
eT² 54 17.

Dist. = 22.2
H = 09 29 21
Caribbean quake.

***** (November 22) *****

Harvard

iP 21 05 05.7
iS 16.8
iL 22
Dist. = 88 km. (54.7 mi.)
H = 21 04 51.4

Weston

eP₁ 21 05 06.8
eS₁ 18.9
eI 25.3
Dist. = 95 km. (59.0 mi.)
H = 21 04 51.4

***** (November 24) *****

Ottawa

P₁ 10 20 59.5
S₁ 21 10
Dist. = 90 km. (55.9 mi.)
H = 10 20.7

Weston

eS_n 10 22 15
eS₃ 18.5
eS₁ 33.5
Dist. = 385 km. (239.2 mi.), using
H of Ottawa

Felt at Cornwall, Ont. Courtesy of W. W. Doxsee

***** (November 28) *****

Weston

eP 04 58 30
eS 05 02 13
eT 20 50

Dist. 21°4
H = 04 53 50
Caribbean quake.

J. I. Monagle, S.J.

N E S A B U L L E T I N

December 1-31, 1946

Bulletin No. 192

***** (December 4) *****

Weston

iP₂? 19 32 24.8
iS₂? 45

Dist. = 173 km. (107.5 mi.)
H = 19 31 57.0

***** (December 6) *****

Ottawa

i 17 27 29.5

Blast at Frazer-Duntile quarry about
two miles west of Ottawa Station.

***** (December 9) *****

Weston

eP 11 11 33
eS 15 27

Dist. = 21.8
H = 11 06 38
Caribbean Quake.

***** (December 10) *****

Ottawa

P₂ 21 03 04
S₂ 21

Dist. = 150 km. (93.2 mi.)
H = 21 02.6

***** (December 14) *****

Harvard

iP₁ 19 23 38.8 CNE
iS₁ 42.2
iL 44
Dist. = 27 km. (16.8 mi.)
H = 19 27 34.4

Weston

iP₁ 19 23 39.9
iS₁ 44.1
iL 45.5
Dist. = 32 km. (19.9 mi.)
H = 19 23 34.7

***** (December 15)*****

Weston

iP 12 40 41.5 W
iS₂ 58.5
iS₁ 59.2

Dist. = 141 km. (87.6 mi.)
H = 12 40 18.5
Blast.

***** (December 23)*****

Ottawa

P₂ 22 16 11.5
S₂ 28.5

Dist. = 150 km. (93.2 mi.)
H = 22 15.8

***** (December 25)*****

Ottawa

P₁ 04 48 16.5
S₁ 27

Dist. = 90 km. (55.9 mi.)
H = 04 48.0
Probably Cornwall

***** (December 28)*****

Weston

iP 01 03 17
iPP 44
iS 07 20
eT 23 41

Dist. = 22.8
H = 00 58 11
Caribbean Quake.

***** (December 31)*****

Weston

eP 06 38 07
eS 42 00

Dist. = 21.6
H = 06 33 14
Caribbean Quake?

J. I. Monagle, S.J.