

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

January 1-15, 1945

Bulletin No. 157

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

Weston

eP₁ 16 17 26.8
iS₁ 37.4

Dist. = 84 km. (52.2 mi.)
H = 16 17 13.1

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

Weston

eP₁ 16 31 22.6
iS₁ 36.0

Dist. = 107 km. (66.5 mi.)
H = 16 31 05.1

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

Weston

eP₁ 11 52 33.2
iS₁ 46.5

Dist. = 105 km. (65.2 mi.)
H = 11 52 16.1

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

Weston

eP₁ 15 54 46.7
eS₁ 55 01

Dist. = 114 km. (70.8 mi.)
H = 15 54 28.1

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

Weston

iP₁ 17 09 46.8
iS₁ 10 02.3

Dist. = 123 km. (76.4 mi.)
H = 17 09 26.8

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

Weston

iP₁ 17 29 22.6
iS₁ 38

Dist. = 123 km. (76.4 mi.)
H = 17 29 02.5

***** (January 4) *****

Weston

iP₁ 14 14 36.3 D Dist. = 129 km. (80.2 mi.)
iS₁ 52.5 H = 14 14 15.3
Another with eP₁ at 14 41 08.4

***** (January 4) *****

Weston

eP₁ 15 00 48.3 Dist. = 77 km. (47.8 mi.)
eS₁ 58 H = 15 00 35.8

***** (January 4) *****

Weston

eP₁ 17 00 55 Dist. = 121 km. (75.2 mi.)
iS₁ 01 10.3 H = 17 00 35.3

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

Weston

iP₁ 18 55 27.0 W Dist. = 144 km. (89.5 mi.)
iS₁ 45 H = 18 55 03.5

***** (January 10) *****

Fordham

i 15 04 09 Marine

Weston

e 15 04 20

***** (January 10) *****

Weston

iP₁ 16 05 11 Dist. = 97 km. (60.3 mi.)
iS₁ 23.2 H = 16 04 55.2

***** (January 13) *****

Weston

eP₁ 15 19 15 Dist. = 70 km. (43.5 mi.)
iS₁ 24 H = 15 19 03.6

***** (January 13) *****

Weston

iP₁ 15 37 01 S
iS₁ 09

Dist. = 63 km. (39.1 mi.)
H = 15 36 50.8

***** (January 13) *****

Weston

eP₁ 15 40 10
eS₁ 19

Dist. = 70 km. (43.5 mi.)
H = 15 39 58.6

Another with eP at 15 41 07

***** (January 13) *****

Weston

eP₁ 21 31 39
eS₁ 56

Dist. = 134 km. (83.3 mi.)
H = 21 31 17.2

***** (January 13) *****

Weston

eP₁ 21 40 36
eS₁ 56

Dist. = 158 km. (98.2 mi.)
H = 21 40 10.2

***** (January 13) *****

Weston

eP₁ 21 48 49
eS₁ 49 07

Dist. = 143 km. (88.8 mi.)
H = 21 48 25.7

***** (January 13) *****

Weston

eP₁ 22 11 35
iS₁ 55

Dist. = 158 km. (98.2 mi.)
H = 22 11 09.3

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

Weston

i 15 21 09

Fordham

i 15 21 15
i 27 18

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

Fordham

i 18 27 21

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

Weston

eP_n 17 13 22.5
eS₁ 14 00

Dist. = 261 km. (162.2 mi.)
H = 17 12 44.6

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

Fordham

iP 23 42 30
eS 46 22
Dist. = 21.4
H = 23 37 40

Weston

eP 23 42 43
eS 46 37
Dist. = 21.4
H = 23 37 52

Caribbean quake.

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

Weston

eP₁ 18 34 18.5 W
eS₁ 34.2

Dist. = 125 km. (77.7 mi.)
H = 18 33 58.2

***** (January 21) *****

Fordham

iP₂ 16 06 55
iS₂ 07 20
Dist. = 216 km. (134.2 mi.)
H = 16 06 21

Weston

eP₃ 16 07 25
eS₁ 08 26
Dist. = 431 km. (267.8 mi.)
H = 16 06 21

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

Fordham

eP 07 52 41
iP 45
i 56 21
e 08 12 09
i 13 26

Weston

iP 07 52 59
eS 56 50
eT 08 12 30
Dist. 21.2
H = 07 48 11

Caribbean quake

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

Weston

eP₁ 14 04 01
eS₁ 20.5

Dist. = 155 km. (96.3 mi.)
H = 14 03 35.8

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

Weston

iP₁ 18 05 26.6 CW
iS₁ 39.5

Dist. 102 km. (63.4 mi.)
H = 18 05 10

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

Weston

iP₁ 18 06 22
iS₁ 36

Dist. = 108 km. (67.1 mi.)
H = 18 06 04.2

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

Fordham

i 09 57 15
i 28

Activity lasts about 1.5 minutes

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

Ottawa

P₂ 20 48 12
S₂ 29

Dist. = 150 km. (93.2 mi.)
H = 20 47.8

***** (January 26) *****

Weston

eP_n 13 26 06.5 W
iS₁ 35.5

Dist. 212 km. (131.7 mi.)
H = 13 25 34.5

***** (January 26) *****

Weston

iP₁ 19 01 21 CW
iS₁ 30

Dist. = 70 km. (43.5 mi.)
H = 19 01 09.6

***** (January 26) *****

Fordham

iP₃ 21 40 47
iS₂ 41 11
iS₁ 13

Dist. 210 km. (130.5 mi.)
H = 21 40 14

***** (January 30) *****

Fordham

iP₂ 18 28 44.0
iS₂ 29 10.5
iS₁ 12.5

Dist. = 229 km. (142.3 mi.)
H = 18 28 08

J. I. Monagle, S.J.

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

March 1-15, 1945

Bulletin No. 161

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

Weston

iP₁ 14 06 16.3
iS₁ 31.0

Dist. = 117 km. (66.5 mi.)
H = 14 05 57.3

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

Weston

iP₁ 16 08 29.9
iS₁ 47.4

Dist. = 143 km. (88.9 mi.)
H = 16 08 06.6

***** (March 7) *****

Weston

iP₁ 03 35 30.6
iS₁ 37.5

Dist. = 54 km. (33.6 mi.)
H = 03 35 21.8

***** (March 7) *****

Weston

eP₁ 03 49 11.5
iS₁ 18.0

Dist. = 51 km. (31.7 mi.)
H = 03 49 03.2

***** (March 7) *****

Weston

eP₁ 04 05 57.
iS₁ 23.7

Dist. = 108 km. (67.1 mi.)
H = 04 05 40.2

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

Weston

eP₁ 15 35 10.0
eS₁ 23.7

Dist. = 109 km. (67.7 mi.)
H = 15 34 52.2

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

Weston

iP ₁ 16 15 27.0	Dist. = 131 km. (81.4 mi.)
iS ₁ 43.5	H = 16 15 05.6

Another with eP at 16 17 15

***** (March 11) *****

Weston

iP ₁ 18 14 33.3	Dist. 99 km. (61.5 mi.)
iS ₁ 45.8	H = 18 14 17.2

***** (March 11) *****

Fordham

Weston

iP ₂ 18 29 34	e 18 29 43
iS ₂ 59	iL ₂ 31 06

Dist. = 216 km. (134.2 mi.)
H = 18 29 00

There is some doubt about Fordham's clock correction.

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

Weston

eP ₁ 14 23 05.2	Dist. = 109 km. (67.7 mi.)
eS ₁ 19.0	H = 14 22 47.5

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

Weston

iP ₁ 14 26 27.4	Dist. = 31 km. (19.3 mi.)
iS ₁ 31.5	H = 14 25 22.4

***** (March 13) *****

Weston

iP ₁ 14 07 10.0	Dist. = 133 km. (82.6 mi.)
iS ₁ 26.7	H = 14 06 48.4

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***** (March 13) *****

Weston

eP₁ 14 18 54.2
eS₁ 19 09.5

Dist. = 121 km. (75.2 mi.)
H = 14 18 34.5

***** (March 13) *****

Weston

eP₁ 14 53 53.0
eS₁ 54 07.6

Dist. = 116 km. (72.1 mi.)
H = 14 53 34.1

***** (March 14) *****

Weston

iP₁ 00 20 48.8
eS₁ 53.0

Dist. = 32 km. (19.9 mi.)
H = 00 20 43.6

***** (March 14) *****

Weston

iP₁ 14 12 59.0
iS₁ 13 13.0

Dist. = 111 km. (70.0 mi.)
H = 14 12 40.9

***** (March 14) *****

Weston

iP₁ 14 34 26.4
iS₁ 39.0

Dist. = 100 km. (62.1 mi.)
H = 14 34 10.1

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

Weston

eP₁ 12 47 10.0
iS₁ 27.0

Dist. = 135 km. (83.9 mi.)
H = 12 46 48.0

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

Weston

iP₁ 17 38 31.0
eS₁ 45.0

Dist. = 110 km. (68.4 mi.)
H = 17 38 13.1

J. I. Monagle, S.J.

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***** (March 18) *****

Weston

iP₁ 15 11 14.0 D
iS₁ 27.3

Dist. = 105 km. (65.2 mi.)
H = 15 10 56.9

***** (March 18) *****

Weston

iP₁ 16 54 10.5
iS₁ 27.0

Dist. = 131 km. (81.4 mi.)
H = 16 53 49.2

***** (March 18) *****

Weston

i 16 58 33.5
i 17 01 35.5
i 17 33 03.2
e 17 42 54
e 18 48 00

Activity lasting about 2.3 minutes.
" " " 0.5 "
" " " 2.5 "
" " " 1.0 "
" " " 2.0 "

Fordham reports that there were about 10 disturbances in all.

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

Weston

iP₁ 15 08 37.2
iS₁ 54.0

Dist. = 133 km. (82.6 mi.)
H = 15 08 15.5

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

Weston

iP₁ 15 16 19.9
iS₁ 36.2

Dist. = 130 km. (80.8 mi.)
H = 15 15 58.7

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

Weston

iP₁ 13 57 01.5
iS₁ 14

Dist. = 99 km. (61.5 mi.)
H = 13 56 45.4

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

Weston

eP₁ 18 37 22.2
iS₁ 35.7

Dist. = 107 km. (66.5 mi.)
H = 18 37 04.8

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

Weston

iP₁ 08 03 19.6
iS₁ 31.0

Dist. = 90 km. (55.9 mi.)
H = 08 03 04.9

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

Weston

iP₂ 17 03 08.5
iS₂ 35.2

Dist. = 231 km. (143.5 mi.)
H = 17 02 32.4

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

Weston

iP₁ 17 21 03.0 CNV
iS₁ 13.0

Dist. = 79 km. (49.1 mi.)
H = 17 20 50.2

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

Fordham

iP₂ 18 50 22
iS₂ 52

Dist. = 265 km. (164.7 mi.)
H = 18 49 40.7
Quake?

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

Weston

iP₁ 20 17 38.9 C
i 39.8
iS₁ 48.0

Dist. = 72 km. (44.7 mi.)
H = 20 17 27.2

***** (March 26) *****

Weston

iP₁ 00 52 05.2
i 08.0
iS₁ 16.0
i 19.7

Dist. = 85 km. (52.8 mi.)
H = 00 51 51.4

***** (March 27) *****

Weston

eP_n 21 16 24.0
iS₁ 47.4

Dist. = 178 km. (110.6 mi.)
H = 21 15 56

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

Weston

iP 10 00 45.1 DS(W?)
i 55
i 04 07.3

Fordham

iP 10 00 48 C
e 01 41
e 04 09

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***** (April 3) *****

Weston

eP_n 02 09 43.2 D
eS_n 10 08.2
iS₃ 09.2
iS₂ 11.0
iS₁ 14.5

Dist. = 223 km. (138.6 mi.)
H = 02 09 09.6

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

Weston

iP₁ 19 02 32.5
iS₁ 45.5

Dist. = 103 km. (64.0 mi.)
H = 19 02 15.8

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

Fordham

iP₂ 18 08 23
iS₂ 49

Dist. = 223 km. (138.6 mi.)
H = 18 07 48

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

Weston

iP_n 23 31 59.0
iP₁ 32 02.0
iS₁ 28.3

Dist. = 212 km. (131.7 mi.)
H = 23 31 27.1

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

Weston

eP₁ 14 41 30.3
iS₁ 48.9

Dist. 147 km. (91.3 mi.)
H = 14 41 06.3

***** (April 9) *****

Weston

eP_n 18 24 27.0
iP₁ 28.8
iS_n 48.3
iS₁ 52.1

Dist. = 187 km. (116.2 mi.)
H = 18 23 58

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

Weston

eP₁ 17 54 50.2
iS₁ 52.9

Dist. = 20 km. (12.4 mi.)
H = 17 54 46.9

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

Fordham

iP₂ 18 31 43.0
iS₂ 32 03.5
iS₁ 05.5

Dist. = 171 km. (106.2 mi.)
H = 18 31 15.5

***** (April 13) *****

Fordham

iP₂ 23 07 14
iS₂ 41

Dist. = 234 km. (145.4 mi.)
H = 23 06 37.4

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

Fordham

iP₂ 19 09 48
iS₂ 10 10

Dist. = 188 km. (116.8 mi.)
H = 19 09 18.2

***** (April 15) *****

Fordham

iP₂ 15 36 15.0
iS₂ 39.5

Dist. = 211 km. (131.1 mi.)
H = 15 35 41.7

J. I. Monagle, S.J.

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

April 16-30, 1945

Bulletin No. 164

***** (April 16) *****

Weston

iP₂ 18 15 38.8
iS₂ 16 01.9

Dist. = 197 km. (122.4 mi.)
H = 18 15 06.8

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

Weston

iP₂ 02 38 10.5
iS₂ 30.9

Dist. = 172 km. (106.9 mi.)
H = 02 37 42.7

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

Weston

iP₁ 03 27 49.2
iS₂ 28 09.5

Dist. = 176 km. (104.4 mi.)
H = 03 27 20.5

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

Weston

iP₁ 04 23 02.4
iS₁ 23.0

Dist. = 170 km. (105.6 mi.)
H = 04 22 35.0

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

Weston

iP_n 05 43 17.0 D
iS₁ 40.8

Dist. = 182 km. (113.1 mi.)
H = 05 42 48.6

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

Weston

iP_n 19 20 03.5 W
iS₂ 24.0
iS₁ 37.2

Dist. = 172 km. (106.9 mi.)
H = 19 19 36.2

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

Fordham

iP₂ 18 04 16
iS₂ 42

Dist. = 225 km. (139.8)
H = 18 03 40.7

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

Weston

iP₁ 16 54 41.5 D
iS₂ 59.5

Dist. = 153 km. (95.1 mi.)
H = 16 54 16.6

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

Fordham

e 23 49 06

Activity lasting about one minute.

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

Fordham

e 00 11 29

Activity lasting about one minute.

***** (April 25) *****

Weston

iP₁ 17 31 02.5 E
iS₁ 15.5

Dist. = 102 km. (63.4 mi.)
H = 17 30 45.9

***** (April 25) *****

Weston

iP₁ 18 20 50.8
iS₂ 21 14.0

Dist. = 185 km. (115.0 mi.)
H. = 18 20 20.6

***** (April 25) *****

Weston

iP_n 18 32 52
iS₂ 22 14.5
iS₁ 16.5

Dist. = 186 km. (115.6 mi.)
H = 18 32 23.0

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***** (April 27) *****

Weston

eP₁ 15 00 12.8
iS₁ 32.0

Dist. = 145 km. (90.1 mi.)
H = 14 59 50.1

***** (April 28) *****

Fordham

iP₂ 18 11 03
iS₂ 30

Dist. = 234 km. (145.4 mi.)
H = 18 10 26.3

***** (April 28) *****

Weston

eP_n 19 03 40
iS₂ 04 01.3
iS₁ 03.3

Dist. 174 km. (108.1 mi.)
H = 19 03 23.0

Followed by three others:-

eP_n 19 07 12.5
eP_n 10 17.0
eP_n 16 18.0

***** (April 28) *****

Weston

iP₁ 21 25 35.8 CNV
iS₁ 48.0

Dist. = 96 km. (59.7 mi.)
H = 21 25 20.2

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

Fordham

iP₂ 11 46 32
iS₂ 58

Dist. = 225 km. (139.8 mi.)
H = 11 45 56.6

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

Fordham

i 13 22 45

Activity lasts about one minute.

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

Fordham

iP₂ 20 05 53
iS₂ 06 18

Dist. 216 km. (134.2 mi.)
H = 20 05 19

***** (April 30) *****

Weston

iP₁ 17 25 16.3
iS₁ 26.4

Dist. = 76 km. (47.2 mi.)
H = 17 25 04.4

***** (April 30) *****

Fordham

iP₂ 18 54 54
iS₂ 55 17

Dist. = 197 km. (122.4 mi.)
H = 18 54 22.6

***** (April 30) *****

Fordham

e 21 05 46
iS 06 15

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May 1-15, 1945

Bulletin No. 165

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

Fordham

iP₂ 19 04 32
iS₂ 05 02

Dist. = 262 km. (162.8 mi.)
H = 19 03 51.2

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

Weston

eP₁ 15 41 52
iS₁ 42 12

Dist. = 158 km. (98.2 mi.)
H = 15 41 26.3

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

Weston

iP₁ 00 47 25.5 CSV
iS₁ 41.0
Dist. = 125 km. (77.7 mi.)
H = 00 47 05.1

Fordham

iP₂ 00 47 31.5
iP₁ 33.0
iS₂ 55.5
iS₁ 59.0
Dist. = 206 km. (128 mi.)
H = 00 46 58.9

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

Weston

iP₁ 00 57 13.2
iS₁ 28.7
Dist. = 125 km. (77.7 mi.)
H = 00 56 52.8

Fordham

iP₂ 00 57 20
iS₂ 44
Dist. = 206 km. (128 mi.)
H = 00 56 47.4

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

Weston

eP₂ 04 32 53.5
iS₂ 33 13.0
iS₁ 14.9
Dist. = 165 km. (102.5 mi.)
H = 04 32 26.9

Fordham

i 04 33 07

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

<u>Weston</u>	<u>Fordham</u>
iP ₁ 05 15 37.0 DS	i 05 15 44
iS ₁ 53.0	
Dist. = 125 km. (77.7 mi.)	
H = 05 15 16.7	

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

<u>Weston</u>	<u>Fordham</u>
iP ₁ 05 26 09.5 DS	i 05 26 26
iS ₁ 23.0	
Dist. = 113 km. (70.2 mi.)	
H = 05 25 51.9	

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

<u>Weston</u>	<u>Fordham</u>
iP ₂ 10 40 25.6 DS	iP ₂ 10 40 33
iS ₂ 50.9	iS ₂ 58
iL 41 08.6	Dist. = 216 km. (134.2 mi.)
Dist. = 220 km. (136.7 mi.)	H = 10 39 58.9
H = 10 39 50.9	

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

<u>Weston</u>	
iP ₁ 10 46 23.2	Dist. = 125 km. (77.7 mi.)
iS ₁ 39.0	H = 10 46 02.9

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

<u>Weston</u>	<u>Fordham</u>
iP ₁ 10 55 37	i 10 55 48
iS ₁ 53	
Dist. = 125 km. (77.7 mi.)	
H = 10 55 16.7	

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

<u>Weston</u>	
iP ₁ 10 58 48.5	Dist. = 115 km. (71.4 mi.)
iS ₁ 59 03	H = 10 58 29.8

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

WestonFordham

iP₁ 11 20 58.5
 eS₁ 21 14
 Dist. = 125 km. (77.7 mi.)
 H = 11 20 38.2

i 11 26 15

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

WestonFordham

iP₁ 13 27 30.2
 iS₁ 46
 Dist. = 125 km. (77.7 mi.)
 H = 13 27 09.8

i 13 27 42

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

WestonFordham

iP₁ 13 39 05
 iS₁ 40 21
 Dist. = 125 km. (77.7 mi.)
 H = 13 38 44.7

i 13 39 27

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

WestonFordham

iP₂ 13 47 07 DS
 iP₁ 08.5
 iS₁ 36
 iL 50.5
 Dist. = 220 km. (136.7 mi.)
 H = 13 46 32.4

iP₂ 13 47 20
 iS₂ 48
 Dist. = 246 km. (152.8 mi.)
 H = 13 46 41.6. 152.8 mi.

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

Weston

iP₁ 15 37 57.5
 iS₁ 38 12.5

Dist. = 119 km. (73.9 mi.)
 H = 21 37 38.2

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

Weston

eP₁ 15 42 06
 eS₁ 38

Dist. = 240 km. (149.1 mi.)
 H = 15 41 28.8

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

Weston

14 28 --

Activity lasting about 2 minutes.

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

Weston
 iP₃ 15 24 00
 iS₂ 21.8

 Dist. = 185 km. (114.9 mi.)
 H = 15 23 30.6

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

WestonFordham
 17 11 --
 Activity lasting 1.5 minutes

 i 17 10 18
 S phases.

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

Weston
 eP₁ 17 30 24.5
 eS₃ 43.0
 iS₁ 45.5

 Dist. = 169 km. (105.0 mi.)
 H = 17 29 57.1

Another with eP at 17 33 40

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

Weston
 iP₁ 14 11 13.2 D
 iS₁ 28.8
 iL 37.8

 Dist. = 124 km. (77.0 mi.)
 H = 14 10 53.0

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

Weston
 iP₁ 15 38 53.0
 iS₁ 39 05.0

 Dist. = 95 km. (59.0 mi.)
 H = 15 38 37.6

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

Weston
 iP₁ 15 57 06.9
 iS₁ 17.6

 Dist. = 85 km. (52.8 mi.)
 H = 15 56 53.0

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

Weston

iP₁ 16 16 09.5
iS₁ 21.0

Dist. = 91 km. (60.0 mi.)
H = 16 15 54.7

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

Weston

iP₁ 16 56 52.0
iS₁ 57 05.0

Dist. = 105 km. (65.2 mi.)
H = 16 56 34.9

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

Weston

20 28 --

Activity lasting about 0.5 minute.

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

Weston

13 41 --

Activity lasting about 1 minute.

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

Weston

eP₁ 14 05 09.5
eS₁ 25.5

Dist. = 127 km. (78.9 mi.)
H = 14 04 48.8

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

Weston

17 01 --
17 48 --

Undecipherable activity.
Do

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

Weston

eP_n 15 03 43.5
iP₁ 44.5
eS₃ 04 04.5
iS₁ 05.5

Dist. = 187 km. (116.2 mi.)
H = 15 43 14.0

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

Fordham

Weston

i 18 20 36

e 18 21 --

Activity lasts about 1.5 minutes. Activity lasts about 1.5 minutes.

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

Weston

iP₁ 20 52 13 D
iS₂ 29
iS₁ 29.5

Dist. = 131 km. (81.4 mi.)
H = 20 51 51.8

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

Fordham

i 14 42 48

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

Fordham

i 16 24 07

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

Weston

iP₁ 18 11 50.5
iS₁ 12 04.9

Dist. = 114 km. (70.8 mi.)
H = 18 11 32.0

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

Weston

iP₁ 17 46 04.5
iS₁ 12.8

Dist. = 65 km. (40.4 mi.)
H = 17 45 54.0

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

Fordham

i 15 57 05



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

Weston

eP 18 36 52

Activity lasting about 1.5 minutes

***** (May 25) *****

Weston

iP₁ 17 02 35.6
iS₁ 49.0

Dist. = 106 km. (65.9 mi.)
H = 17 02 18.4

***** (May 25) *****

Weston

eP 20 12 43.0
eS 16 36.0

Dist. = 21.6
H = 20 07 51
Caribbean quake.

***** (May 26) *****

Weston

iP₁ 19 59 17.0
iS₁ 25.2

Dist. = 64 km. (39.8 mi.)
H = 19 59 06.6

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

Weston

14 22 --

Activity lasting 2 minutes.

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

Fordham

iP₂ 16 11 09
iS₂ 33

Dist. = 106 km. (65.9 mi.)
H = 16 10 36.4

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

Fordham

iP₂ 16 15 44
iS₂ 16 08

Dist. = 206 km. (128.0 mi.)
H = 16 15 11.4

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



June 1-15, 1945

Bulletin No. 167

***** (June 4) *****

Fordham

iP₂ 23 01 21
iS₂ 45

Dist. - 206 km.; (128 mi.)

H - 23 00 48.4

Clock correction in doubt by a few seconds.

***** (June 5) *****

Weston

iP₁ 13 31 02.0 D
iS₁ 11.5

Dist. - 74 km.; (46.0 mi.)

H - 13 30 50.0

***** (June 8) *****

Fordham

iP₂ 01 43 27
iS₂ 54

Dist. - 235 km.; (146 mi.)

H - 01 42 50.1 ; Clock correction in doubt by a few seconds

***** (June 10) *****

Fordham

i 09 42 18
i 22
i 42
i 45

Clock correction in doubt by a few seconds.

***** (June 10) *****

Weston

iP_n 12 07 30.5 DNE
iS_n 52.7

Dist. - 197 km.; (122.4 mi.)

H - 12 07 00.3

***** (June 11) *****

Weston

iP₁ 19 06 18.9 CS
iS₁ 22.9
iL 28.0

Dist. - 30 km.; (18.6 mi.)

H - 19 06 14.1

***** (June 12)*****

Weston

eP₁ 07 59 53
eS₃ 08 00 40

e 08 00 55
i 01 23

Dist. - 565 km.; (351.0 mi.)
H - 07 58 21

Clock correction in doubt
by a few seconds.

***** (June 12)*****

Weston

i 12 45 25.5

Activity lasting about 2 minutes.

***** (June 13)*****

Weston

eP 22 07 12.6
eS 20.6

Dist. - 63 km.; (39.1 mi.)
H - 22 07 02.3

Another with eP 22 08 26.8

***** (June 15)*****

Weston

eP₁ 16 59 13.3
iS₁ 28.5

Dist. - 122 km.; (75.8 mi.)
H - 16 58 53.4

J. I. Monagle, S.J.

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

June 16-30, 1945

Bulletin No. 168

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

Weston

eP 18 29 13
eS 33 05

Dist. - 21°4
H - 18 24 23
Caribbean quake

***** (June 18) *****

Weston

eP_n 15 21 18.5
iP₁ 33.8
eS_n 22 10
iS₁ 36

i 15 22 39
i 57
i 23 27

Dist. - 495 km.; (307.6 mi.) Activity lasts about 3 minutes
H - 15 20 13.1
Quake felt at Montmorency
Falls.

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

Weston

iP₁ 16 57 34.5
iS₁ 47.0
iL 53.0

Dist. - 100 km.; (62.1 mi.)
H - 16 57 18.3

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

Weston

eP₂ 21 00 19.2
eS₃ 37.5
iS₁ 39.5
iL 49.0

Dist. - 159 km.; (98.8 mi.)
H - 20 59 53.5
Blast

J. I. Monagle, S.J.

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

July 1-15, 1945

Bulletin No. 169

***** (July 1) *****

Weston

eP₁ 12 06 35.7
eS₂ 54.0
iS₁ 55.0

Dist. - 155 km. (96.3 mi.)
H - 12 06 10.5

***** (July 1) *****

Weston

eP₁ 15 49 40.5
eS₁ 54.0

Dist. - 107 km. (66.5 mi.)
H - 15 49 23.1

***** (July 5) *****

Weston

iP₁ 14 32 39.0
iS₁ 53.0

Dist. - 111 km. (70.0 mi.)
H - 14 32 21.0

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

Weston

eP_n 11 08 26.0
eS_n 49.0
eS₃ 51.0

Dist. - 173 km. (107.5 mi.)
H - 11 08 01.6

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

Weston

eP₁ 14 48 34.8
iS₁ 43.6

Dist. - 64 km. (39.8 mi.)
H - 14 48 23.6

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

Fordham

e 20 55 49

Activity lasts ca. 0.9 of a minute

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

Weston

eP _n	10 46	09.5
iP ₃		14.0
iS ₂		56.2
iS ₁	47	05.0

Dist. - 366 km. (227.4 mi.)
H - 10 45 19.3

J. I. Monagle, S.J.

July 16-31, 1945

Bulletin No. 170

***** (July 18) *****

FordhamiP₂ 01 19 04
iS₂ 27Dist. - 197 km. (122.4 mi.)
H - 01 18 32.8

***** (July 23) *****

WestoneP₁ 14 45 37.2
iS₁ 46.2Dist. - 79 km. (49.1 mi.)
H - 14 45 23.3

***** (July 23) *****

WestoniP₁ 15 17 06.1
iS₁ 24.2Dist. 144 km. (89.5 mi.)
H - 15 16 42.7

***** (July 23) *****

WestoneP₁ 18 06 59.5
iS₁ 07 15.2Dist. 124 km. (77.1 mi.)
H - 18 06 39.4

***** (July 23) *****

FordhamiP₁ 18 33 38.0
iS₁ 42.5Dist. 37 km. (30.0 mi.)
H - 18 33 32

***** (July 24) *****

FordhamiP₂ 20 19 31
iS₂ 56Dist. - 215 km. (133.6 mi.)
H - 20 18 57.1

***** (July 24) *****

Fordham

i 20 39 23

***** (July 24) *****

Weston

iP₁ 20 44 30.5
iS₁ 35.0

Dist. - 35 km. (21.7 mi.)
H - 20 44 24.8

***** (July 26) *****

Weston

eP₁ 18 21 32.0
eS₁ 48.8

Dist. - 133 km. (82.6 mi.)
H - 18 21 10.3

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

Fordham

iP₂ 18 34 12
iS₂ 38

Dist. - 225 km. (139.8 mi.)
H - 18 33 36.7

J. I. Monagle, S.J.

N E S A BULLETIN

August 1 - 15, 1945

Bulletin No. 171



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

Weston

P₁ 15 13 41
S₁ 56

P₁ 17 27 40
S₁ 55

S₁ 18 35 57

Dist. = 120 km. (75 mi.) Probably blasts.

****(August 2)****

Weston

S₁ 17 40 00

S₁ 19 24 35

Same as above.

****(August 3)****

Weston

P₁ 13 40 17
S₁? 25

Several mixed together. Probably about 65 km.
(40 mi.). Quite strong.

****(August 3)****

Fordham

P₂ 18 15 32
S₂ 58

Dist. = 225 km. (140 mi.)

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

Weston

P₁ 07 08 22
S₁ 51

Dist. = 233 km. (145 mi.)

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

Fordham

P₂ 01 04 58
S₂ 05 22

Dist. = 206 km. (127 mi.)

Weston

i 01 05 34

uncertain if these are
same disturbance

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

Weston

Several distant short period disturbances at 15 12; 16 24;
21 38. All undecipherable.

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

Weston

Same as above at 15 21; 17 47.

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

Weston

P₁ 19 00 43
S₁ 01 06 Dist. = 185 km. (115 mi.)

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

Weston

P₁ 17 50 03
S₁ 29 Dist. = 210 km. (130 mi.)

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

Fordham

Weston

P₂ 20 03 43.5
S₂ 04 08.0
Dist. = 211 km. (131 mi.)

S₁ 20 05 15

D. Linehan, S.J.

Note: We are beginning the NESA Bulletins again after a lapse since September, 1943. At that time we were held up trying to obtain permission from the U.S. Navy to publish data concerning disturbances that were of submarine origin. Then various members of the Central Station personnel were engaged in other work. We hope to continue the bulletins without interruption from this date on, and at the same time the missing numbers will be made up as time permits. The number of this present bulletin has been advanced to its own order.

August 16 - 31, 1945

Bulletin No. 172

International
Seismological
Centre

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

Weston

P₁ 11 08 42
S₁ 09 00

Dist. = 145 km. (90 mi.) Followed by 3 others about
5 secs. apart.

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

Weston

Short period activity at 17 29 30 undecipherable.

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

Weston

P₁ 15 20 40
S₁ 55

Dist. = 120 km. (75 mi.)

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

Fordham

P₂ 19 14 33
S₂ 15 00.5

Dist. = 238 km. (148 mi.)

Weston

S₁ 19 16 03

**** (August 27) ****

Weston

P₁ 16 13 11
S₁ 26

Dist. = 120 km. (75 mi.)

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

Weston

S₁ 15 26 40

**** (August 31) ****

Weston

P 13 35 05
S 39 56
T 42 10

Dist. = 29.3 Caribbean Quake.

D. Linehan, S.J.

N E S A BULLETIN

September 1 - 15, 1945

Bulletin No. 173

*****(September 2)****

Fordham

Weston

P₂ 13 12 38
S₂ 13 04

S₁ 13 14 09

Dist. = 224 km. (139 mi.)

*****(September 2)****

Fordham

Weston

P₂ 16 45 18
S₂ 45 40

S₁ 16 46 36

Dist. = 188 km. (117 mi.)

*****(September 3)****

Weston

P₁ 13 34 19
S₁ 34 26

Dist. = 40 km. (25 mi.) group of 8 disturbances.

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

Weston

S₁ 15 12 47

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

Ottawa

Weston

P₂ 19 43 06
S₂ 43 24

S₁ 19 44 24

Dist. = 155 km. (96 mi.)

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

Weston

S₂ 09 12 32

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

Weston

S₂ 13 45 54

**** (September 10) ****

Fordham

P₂ 18 54 21
S₂ 54 49

Weston

S₁ 18 55 55 ?

Dist. = 244 km. (152 mi.)

**** (September 10) ****

Weston

P₁ 19 07 46
S₁ 07 59.5

Dist. = 109 km. (67 mi.)

A second one at 20^h16^m00^s

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

Ottawa

P₂ 09 37 01
S₂ 37 15

Dist. = 120 km. (75 mi.)

Weston

S₁ 09 38 23

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

Weston

S₂ 15 29 28.5

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

Weston

P₁ 13 15 35
S₁ 15 56

Dist. = 174 km. (108 mi.)

Daniel Linahan, S.J.

N E S A BULLETIN

September 16 - 30, 1945

Bulletin No. 174

**** (September 17) ****

Weston

S₁ 19 34 10

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

Weston

P₁ 15 43 11
S₁ 43 33

Dist. = 194 km. (120 mi.)

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

Weston

P₁ 14 00 47
S₁ 00 56

Dist. = 73 km. (45 mi.)

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

Weston

e 19 32 31
S₁ 32 30

**** (September 21) ****

Ottawa

Weston

P₂ 21 33 11
S₂ 33 28.5

S₁ ? 21 34 27

Dist. = 150 km. (93 mi.)

**** (September 22) ****

Weston

P₁ 01 40 40
S₁ 40 49

Dist. = 73 km. (45 mi.)

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

Weston

P₁ 20 01 13
S₁ 01 28

Dist. = 121 km. (75 mi.)

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

Weston

P 09 04 46
S 08 27

Dist. = 19°8 Caribbean Quake

****(September 27)****

Weston

P 14 32 14
S 36 13

Dist. = 22°4 Caribbean Quake

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

Ottawa

P₂ 16 20 23
S₂ 20 41

Dist. = 155 km. (96 mi.)

****(September 29)****

Fordham

P₂ 18 26 43.5
S₂ 27 10.0

Dist. = 230 km. (126 mi.)

Daniel Linehan, S.J.

October 1 - 15, 1945

N E S A BULLETIN

Bulletin No. 175

International
Seismological
Centre

****(October 3)****

Seven Falls

P₁ 22 53 16.5
S₁ 53 20

Dist. = 30 km. (19 mi.)

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

Weston

P₁ 16 52 22.5
S₁ 52 36

Dist. = 108 km. (67 mi.)

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

Seven Falls

P₂ 13 19 02
S₂ 19 15

Shawinigan Falls

P₂ 13 19 26
S₂ 19 55
S₁ 20 01

Ottawa

P₃ 13 19 58
P₂ 20 06
S₂ 20 51

H = 13 18 42

H = 13 18 42

H = 13 18 48

Dist. = 110 km. (68 mi.) Dist. = 255 km. (158 mi.) Dist. = 495 km.
(307 mi.)

Weston

P_n 13 20 05
P₂ 20 19.5
S_n 21 09
S₁ 21 44

NESA gives 47°9 N, 70°1 W.

Charlevoix, P.Q.

H = 13 18 44

Dist. = 622 km. (386 mi.)

****(October 15)****

Weston

P₁ 15 29 34
S₁ 29 54

Dist. = 160 km. (100 mi.)

Daniel Linehan, S.J.



****(October 18)****

Weston

S₁ 16 44 25

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

Weston

P₁ 07 10 25

S₁ 10 34

Dist. = 73 km. (45 mi.) Comp to East.

****(October 26)****

Ottawa

P₂ 18 45 14

S₂ 45 32

Dist. = 155 km. (96 mi.)

****(October 27)****

Fordham

P 06 54 22

Weston

P 06 55 22.5 Comp to SE. Teleseism!

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

Fordham

P₂ 17 41 13

S₂ 41 37

Dist. = 206 km. (128 mi.)

****(October 29)****

Fordham

P 06 49 32

****(October 30)****

Weston

P₁ 19 51 57

S₁ 52 12

Dist. = 121 km. (75 mi.)

NOTICE:-

Quake was reported felt in Lewiston, Maine, by A. P. Time given about 19:30, October 23. No record of this at Weston for this time.

Daniel Linehan, S.J.

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

November 1-15, 1945

Bulletin No. 177

***** (November 3) *****

Weston

iP₁ 07 22 16.2
iS₁ 22 25.8

Compression to West
dist. = 73 km. (45 mi.)

***** (November 6) *****

Ottawa

P₂ 21 43 18
S₂ 43 35.5

dist. = 150 km. (93 mi.)

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

Weston

P 23 57 15
S 00 01 20
T 19 30

dist. = 23° Caribbean Quake !

***** (November 8) *****

Ottawa

P₂ 21 59 05.5
S₂ 59 23

dist. = 150 km. (93 mi.)

***** (November 13) *****

Weston

P₁ 21 28 13 ?
S₁ 29 23

Fordham

e 21 18 16

doubtful if these are the same !

Daniel Linehan, S.J.

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

November 16-30, 1945

Bulletin No. 178

***** (November 18) *****

<u>Fordham</u>	<u>Weston</u>	<u>Harvard</u>
P ₂ 18 08 30	P ₂ 18 09 05	P ₂ 18 09 06
S ₂ 08 54	S ₂ 10 07	S ₂ 10 08
dist. = 206 km. (128 mi.)	dist. = 445 km. (276 mi.)	dist. = 454 km. (282 mi.)
H = 18 07 58	Location ca. 80 miles east of Cape May, N.J. Intersection of distances not accurate.	

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

<u>Weston</u>	<u>Harvard</u>
P ₁ 18 47 47	P ₁ 18 47 52.5
S ₁ 48 01	S ₁ 48 08
dist. = 113 km. (70 mi.)	dist. = 141 km. (87 mi.)
H = 18 47 20	

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

<u>Fordham</u>
P ₂ 18 49 40
S ₂ 50 02
dist. = 188 km. (117 mi.)

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

<u>Harvard</u>	<u>Weston</u>
P 03 59 43	
S 04 03 47	
T 21 03	
dist. = 23°	
	T 04 21 12 (readings weak)

Caribbean Quake !

***** (November 21) *****

<u>Fordham</u>
e 20 03 53
e 07 59

- 2 -

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

<u>Fordham</u>	<u>Weston</u>	<u>Harvard</u>
e 15 23 51	P 15 24 25	P 15 24 38
e 24 18	S 28 31	S 28 35
e 27 51		
	dist = 22°	Dist. = 22°
Carribean Quake !		

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

<u>Fordham</u>	<u>Weston</u>	<u>Harvard</u>
e 15 43 11	Pn 15 44 18.5	P1 15 44 13 ?
	P1 44 44	i 44 52
	S2 45 54	S1 45 59
	S1 46 16	
	dist. = 725 km. (450 mi.)	dist. = 668 km. (415 mi.) ?
	H = 15 42 45.5	

Intersection of distances doubtful. The Harvard phases were mixed with the "T" group of the above Caribbean Quake!

***** (November 23) *****

<u>Ottawa</u>	
P2 22 02 29	dist. = 150 km. (93 mi.)
S2 02 46.5	

***** (November 26) *****

<u>Fordham</u>
iP 01 12 07

***** (November 26) *****

<u>Fordham</u>
i 05 41 07
e 45 19

***** (November 26) *****

Weston

P₁ 19 46 57
S₁ 47 50

dist. = 427 km. (265 mi.)

Daniel Linehan, S.J.

NE S A BULLETIN

December 1-15, 1945

Bulletin No. 179

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

Fordham

Weston

P₂ 19 21 03
S₂ 21 38

dist. = 216 km.
(134 mi.)

S₁ 19 22 35

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

Weston

iP₁ 15 53 00
S₁ 53 04

dist. = 32 km. (20 mi.)

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

Fordham

P 05 18 05
S 21 58

dist. = 21°5

Weston

P 05 18 07
S 22 03

dist. = 22°0

Caribbean Quake !

Fordham

P 06 13 20
S 17 14

dist. = 21°5

Weston

P disturbed by R.R. train
S 06 17 20

Caribbean Quake !

Weston

S 07 41 56

Caribbean Quake !

***** (December 5)*****

Weston

S₁ 15 28 07

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

Fordham

P₂ 18 58 59
S₂ 59 23

dist. = 204 km. (127 mi.)

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

Weston

S₁ 16 04 25

Daniel Linehan, S.J.

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

December 16-31, 1945

Bulletin No. 180

***** (December 17) *****

Weston

P _n (?)	16	34	25	
P ₁		34	31	
S ₁		35	04	dist. = 266 km. (165 mi.)

***** (December 17) *****

Fordham

Weston

P ₂	17	57	01		P ₁	17	58	19	
S ₂		57	26		S ₁		58	35	dist. = 145 km. (90 mi.)

dist. = 215 km. (133 mi.) Doubtful if these are the same disturbance!

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

Fordham

P ₂	21	10	50	
S ₂		11	14	dist. = 206 km. (128 mi.)

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

Weston

P ₁	05	40	32.5	Compression to S-SW	South of Ossipee, N.H.
S ₁		40	47.5	Report of felt motion at Ossipee, N.H. but	
				no damage reported.	

dist. = 121 km. (75 mi.)

Another reported at 11 23 GCT, but no evidence on Weston grams.

Daniel Linehan, S.J.