International Seismological Centre

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

January 1 - 15, 1944 Bulletin No. 133

****

*****(January 8)*****

Weston

eP$_2$ 05 25 51
eS$_2$ 26 07 dist. = 132 km. (82 mi.)

*****(January 8)*****

Fordham

iP$_2$ 18 03 01.5
iS$_2$ 03 27.0 dist. = 221 km. (137 mi.)

*****(January 8)*****

Fordham

iP$_2$ 18 48 51
iS$_2$ 49 15.5
dist. = 212 km. (132 mi.)

Weston

eP ? 18 49 30
eS ? 50 08
eS$_1$ 50 24

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

Weston

eS$_1$ 19 47 32

Daniel Linehan, S.J.
Seismologist.

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

January 16 - 31, 1944 Bulletin No. 134

****

*****(January 16)*****

Weston

iP_1	08	35	20
iS_1		35	36

dist. = 130 km. (80 mi.)

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

Fordham

i	18	09	33

Fordham

i	19	02	25

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

Ottawa

iP_1	21	55	25
S_1		55	37

dist. = 105 km. (65 mi.)

Shawinigan Falls

P_1	21	56	04
S_n		56	32.5
S_2		56	40

dist. = 345 km. (214 mi.)

Seven Falls

P_2	21	56	26
S_n		57	07
S_2		57	23

dist. = 505 km. (314 mi.)

Weston

P_3	21	56	26
P_2		56	31
P_1		56	35
S_n		57	15
S_3		57	22
S_1		57	46

H = 21 55 06

45°30' N. Felt in Renfrew, Ontario, Canada.

76°40' W.

dist. = 555 km. (345 mi.)

*****(January 25)*****

Fordham

iP	11	00	06

Weston

eP ?	11	00	43
eS_1		01	21

*****(January 29)*****

Fordham

P2 19 13 43.5
S2 14 07.5
dist. = 206 km. (128 mi.)

Weston

P1 19 14 23
S1 15 14
H = 19 13 10
dist. = 430 km. (267 mi.)

Daniel Linehan, S.J.
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N E S A B U L L E T I N

February 1 - 15, 1944 Bulletin No. 135

****

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

Ottawa

P_1 12 39 02.5
S_n 39 33
S_1 39 50
dist. = 400 km. (248 mi.)

Shawinigan Falls

P_1 12 38 24
S_1 38 49
dist. = 215 km. (133 mi.)

Weston

S_1 12 40 30
H = 12 37 48

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

Ottawa

P_n 16 23 12
P_2 23 23
S_n 24 07
S_2 24 21
dist. = 515 km. (320 mi.)

Weston

P_n 16 23 03
P_2 23 12
P_1 23 16
S_n 23 50
S_2 24 05
dist. = 445 km. (276 mi.)

H = 16 22 03

40°8 N., 76°2 W.

Fordham

iP2 16 22 32
iS2 22 56
dist. = 206 km. (128 mi.)

Located near Shenandoah, Pa. Quake?

*****(February 13)*****

Fordham

i 15 00 39

Weston

eS_1 15 01 52

*****(February 14)*****

Weston

eP 07 31 00 ?
eS 34 55

'P' time uncertain - disturbed by R.R. train!
21° ca. Caribbean Quake!

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

Weston

iP 16 01 38
eS 05 28 dist. = 21°

Caribbean Quake!

Daniel Linehan, S.J.
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N E S A B U L L E T I N

February 16 - 29, 1944 Bulletin No. 136

****

*****(February 18)*****

Ottawa

P_1 09 44 41
S_1 44 51.5 dist. = 90 km. (55 mi.)

*****(February 22)*****

Ottawa

P_n 21 38 54
P_1 38 55.5 dist. = 175 km. (109 mi.)
S_n 39 14.5

*****(February 27)*****

Fordham

P_2 16 12 57
S_2 13 21
dist. = 206 km. (128 mi.)

Weston

P_1 16 13 30 E = 16 12 24
S_1 14 23
41°.6 N., 76°.1 W. ?
dist. = 410 km. (254 mi.)
Compression to east same as February 5 ?

*****(February 27)*****

Fordham

P_1 19 27 40.0
S_1 27 41.8 dist. = 15 km. (9 mi.)

Daniel Linehan, S.J.,
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N E S A BUU L L E T I N

March 1 - 15, 1944 Bulletin No. 137

****

*****(March 3)*****

Weston

Sustained short period activity beginning at 16 15 15

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

Ottawa		Shawinigan Falls		Seven Falls	
P_2	12 50 41.5	e	12 51 54.5	e	12 51 54.5
P_1	50 45	e	52 05	e	52 05
S_n	51 10				
S_2	51 16				

dist. = 305 km. (189 mi.)

Weston

S ? 12 53 27 Felt at Timiskaming

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

March 16 - 31, 1944 Bulletin No. 138

****

*****(March 17)*****

Weston

Sustained short period activity at 10 47 35 and 11 20 53

*****(March 23)*****

Fordham

i 02 22 01.0
i 22 05.5
i 22 08.5

*****(March 23)*****

Ottawa

P_2 19 10 13
S_n 10 35.5 dist. = 215 km. (133 mi.)
S_2 10 37.5

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

Ottawa

P_n 20 38 56
S_n 39 37
S_1 39 55

dist. = 375 km. (233 mi.)

Weston

Grams disturbed by series of submarine explosions during this time makes readings uncertain.

Daniel Linehan, S.J.,
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N E S A B U L L E T I N

April 1 - 15, 1944 Bulletin No. 139

****

*****(April 5)*****

Fordham

iP2 18 14 00.5
iS2 14 26.0
dist. = 220 km. (137 mi.)

Weston

iS1 18 15 31

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

Seven Falls

Pn 12 45 32
P2 45 38.5
Sn 46 14
S1 46 29
dist. = 380 km. (236 mi.)
H = 12 44.6

Shawinigan Falls

P2 12 45 56
P1 46 04
Sn 46 41
S2 46 57
S1 47 12
dist. = 540 km. (335 mi.)
H = 12 44.5

Ottawa

i 12 47 46
i 47 53
iL? 48 18
dist. = 786 km. (488 mi.) meas.

Fordham

e 12 49 32
i 49 56
dist. = 1,099 km. (638 mi.) meas.
NESA. gives 49°.5 N.
67°.2 W.
Near mouth of St. Lawrence River.

Weston

Pn 12 46 28.5
P3 46 43
P2 46 49
P1 46 59
Sn 47 54
S3 48 07
S2 48 22
S1 48 49
dist. = 855 km. (531 mi.)
H = 12 44.66

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

Fordham

iP2 20 46 18
S2 46 42
dist. = 212 km. (132 mi.)

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

April 16 - 30, 1944 Bulletin No. 140

****

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

Fordham

iP_2 18 25 56
iS_2 26 22 dist. = 225 km. (140 mi.)

*****(April 19)*****

Weston

Sustained short period activity between 09th and 12th hours.

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

Weston

iP_2 15 13 56
iS_2 14 16 dist. = 170 km. (105 mi.)

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

Weston

iS_1 01 17 08

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

Weston

iS_1 14 27 30

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

Weston

i 18 24 39

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

Fordham

i 16 31 40

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

Fordham

i 18 30 58

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

May 1 - 15, 1944 Bulletin No. 141

****

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

Weston

iP_1 19 56 00
iS_1 56 15 dist. = 121 km. (75 mi.)

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

Fordham

e 14 27 58

Weston

iS_1 14 29 14

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

Weston

i 19 02 40

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

Fordham

iP_2 20 32 14
iS_2 32 39 dist. = 216 km. (134 mi.)

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

Fordham

e 14 36 11

Weston

i 14 37 10

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

Fordham

iP_2 02 10 39.5
iS_2 11 01
dist. = 182 km. (113 mi.)

Weston

iS_1 02 12 10

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

Fordham

e 14 10 14

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

May 16 - 31, 1944 Bulletin No. 142

****

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

Weston

P 08 18 56
S 23 25 dist. = 24°.56 Caribbean Quake !
T 42 12

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

Fordham

i 12 53 46

Weston

iS_2 12 54 14

*****(May 19)*****

Fordham

iP_2 14 25 28
iS_2 25 53
dist. = 215 km. (134 mi.)

Weston

iP_1 14 25 11 H = 14 24 52
iS_1 25 25 Block Island Sound, R.I.
Submarine Explosion ?
dist. = 115 km. (71 mi.)

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

Fordham

P 17 12 06
S 15 38
dist. = 19°

Weston

eP 17 12 11
iP 12 19
eS 16 02
T 32 08 Caribbean Quake !
dist. = 21°.17

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

Fordham

iP 01 35 16
eS 38 50
dist. ; 19°

Weston

eP 01 35 26.5
iP 35 34
eS 39 15
T 55 40 Caribbean Quake !
dist. = 21°

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

Ottawa		Weston	
P_2	14 40 37.5	iS_1	14 43 17
S_2	40 56.0		

dist. = 160 km. (99 mi.)

a possible second shock at 14 40 44.5 on the Ottawa grams.

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

Weston		Fordham	
iP_1	20 29 06	iP_2	20 31 48
iS_1	29 23	iS_2	32 13

dist. = 137 km. (85 mi.) dist. = 216 km. (134 mi.)

There were at least 3 disturbances 3 seconds apart in this group. Submarine explosions ?

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

Ottawa		Shawinigan Falls		Seven Falls	
iP_2	23 04 04	P_n	23 04 13.5	e	23 05 08
iS_2	04 23	S_n	04 39	e	05 17.5
e	04 30	S_1	04 45.5		

dist. = 165 km. (105 mi.) dist. = 225 km. (140 mi.)

Weston		Fordham	
iP_2	23 04 26	e	23 04 50
iP_1	04 29	i	05 37
iS_2	05 02.5		
iS_1	05 09.5		

dist. = 325 km. (202 mi.)

Compression to SE.

H = 23 03.6

NESA. gives 44°.7 N., 73°.8 W.
Clinton County, N.Y.

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INSTITUTE OF GEOPHYSICAL TECHNOLOGY

International Seismological Centre

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

June 1-15, 1944 ********** Bulletin No. 143

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

Weston

eP1 16 40 37.5
iS1 56

Dist. = 147 km. (91.3 mi.)
H = 16 40 14

*****(June 2)*****

Weston

e 12 51 33

Activity lasting about 2 minutes

*****(June 2)*****

Weston

eP1 14 24 22.5
i 24
eS1 33.5

Dist. = 87 km. (54.1 mi.)
H = 14 24 08.4

*****(June 2)*****

Weston

e 14 28 30

Activity lasting about 1 minute

*****(June 2)*****

Weston

eP1 15 56 21
iS2 38.5
iL 49
Another with eP1 16 01 49

Dist. = 146 km. (90.7 mi.)
H = 15 55 57.2

*****(June 3)*****

Weston

iP 07 17 24
eS 21 27
Dist. = 22°8
H = 07 12 19
Caribbean Quake

Ottawa

e 07 18 01
eS4 22.8
L 30
Dist. = 26°6
H = 07 12 19

*****(June 3)*****

Harvard

iP 19 23 35
iS 56
Local, possibly submarine

Weston

eP 19 23 35.2
eS$_3$ 54.5
iS$_1$ 57.6
Dist. = 172 km. (106.9 mi.)
H = 19 23 08

*****(June 3)*****

Harvard

eP 19 42 35
iS 54
Local, possibly submarine

*****(June 3)*****

Weston

eP$_n$ 20 01 56
iS$_1$ 02 21.5
Dist. = 180 km. (111.9 mi.)
H = 20 01 26.6

Harvard

eP 20 02 01
iS 02 22
Local, possibly submarine

*****(June 3)*****

Weston

eP$_n$ 20 42 28
eS$_1$? 51
Dist. = 175 km. (108.7 mi.)
H = 20 42 00.4

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

Harvard

eP$_1$ 02 09 01.4
iS$_n$ 24.3
iS$_1$ 26.1
Dist. = 196 km. (121.8 mi.)
H = 02 08 29.5

WestoN

eP$_n$ 02 09 02
eS$_2$ 27
iS$_1$ 30
Dist. = 205 km. (127.4 mi.)
H = 02 08 30.8

Barre, Graniteveille, Montpelier, Northfield, and Waterbury, Vermont. Light shock apparently strongest at Northfield where it was felt by most of the population.

Weston

e 07 01 50
i 02 04.5
i 17.5
i 28

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

Harvard

e 07 02 40
i 03 18
i 03 30.5

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

Weston

eP$_1$ 10 42 35.5
iS$_1$ 52
i 58

Dist. = 130 km. (80.8 mi.)
H = 10 42 14.4
Blast.

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

Weston

e 14 31 47.0
e 32 08
i 15

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

Weston

eP 14 51 16
eS 22.9

Dist. = 54 km. (33.6 mi.)
H = 14 51 07

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

Weston

iP 14 57 29
iS? 47

Dist. = 143 km. (88.8 mi.)
H = 14 57 06

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

Harvard

eP$_1$ 17 04 48.0
eS$_1$ 50.5
eL 51.5
Dist. = 20 km. (12.4 mi.)
H = 17 04 44.9; Local or blast

Weston

e 17 04 46
iL 49

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

Weston

eP$_1$ 17 58 33
eS ? 43

Dist. = 78 km. (48.5 mi.)
H = 17 58 20.3

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

Weston

eP$_1$ 17 59 30
iS$_1$ 39.5

Dist. = 75 km. (46.6 mi.)
H = 17 59 17.8

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

Weston

iP$_1$ 18 00 53
iS$_1$ 01 02

Dist. = 63 km. (39.1 Mi.)
H = 18 00 43.7

*****(June 6)*****

Weston

i 19 09 39
e 46.2
i 47.5
e 10 01 .

*****(June 6)*****

Weston

e 19 36 11.8
e 33

*****(June 6)*****

Ottawa

P$_2$ 21 32 50.5
i 52
S$_2$ 33 08
i 11
e 17

Dist. = 150 km. (93.2 mi.)
H = 21 32.4

*****(June 7)*****

Weston

eP 06 34 05
eS 38 07

Dist. = 21°1
H = 06 29 18; Caribbean Quake.

*****(June 7)*****

Weston

iP_1 13 56 14.0 CSW
iS_1 22.8
Dist. = 69 km. (42.9 mi.)
H = 13 56 02.8
Blast.

Harvard

eP 13 56 14
eS 24
eL 28.5
Dist. = 80 km. (49.7 mi.)
H = 13 56 01

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

Weston

e 16 12 49

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

Weston

i 16 18 09.5
e 24

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

Ottawa

P_2 17 51 31.5
i 42
S_2 48

Dist. = 145 km. (90.1 mi.)
E = 17 51.1

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

Weston

e 18 15 31
e 39.5

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

Weston

e 18 29 41

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

Weston

e 18 45 53
e 46 14.4

*****(June 9)*****

Seven Falls

P_1 15 19 18
S_1 24
Dist. = 50 km. (31.1 mi.)
H = 15 19.1

Ottawa

P_3 15 20 21
P_2 28.5
S_2 21 17
Dist. = 430 km. (267.2 mi.)
H = 15 19.3

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

Harvard

eP 02 14 00
eS 10
eL 14
Dist. = 80 km. (49.7 mi.)
Blast.

Weston

iP_1 02 14 00.5
iS_1 12.3
Dist. = 93 km. (57.8 mi.)
H = 02 13 45.4

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

Weston

eP_1 14 35 41.5
eS_1 51.5
Dist. = 79 km. (49.1 mi.)
H = 14 35 28.6

Harvard

eP 14 35 42
eS 52
eL 54
Dist. = 80 km. (49.7 mi.)
H = 14 35 29

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

Weston

eP$_n$ 19 05 55.5
iP$_1$ 56.9
iS$_1$ 06 19.5

Dist. = 181 km. (112.5 mi.)
H = 19 05 27.2

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

Weston

iP$_1$ 14 08 33
iS$_1$ 40.5
Followed by several others within 2 minutes.

Dist. = 59 km. (36.7 mi.)
H = 14 08 23.4

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

Weston

iP$_1$ 14 14 47
iS$_1$ 54.0
Followed by several others within 1.5 minutes.

Dist. = 55 km. (34.2 mi.)
H = 14 14 38

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

Weston

iP$_1$ 14 18 28.4
iS$_1$ 36
Followed by several others within 2 minutes.

Dist. = 60 km. (37.3 mi.)
H = 14 18 18.6

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

Weston

eP$_1$ 17 16 31.2
i 33
iS 42.5

Dist. = 89 km. (55.3 mi.)
H = 17 16 16.7

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

Weston

iP$_1$ 16 32 04.7
iS$_1$ 13.2

Dist. = 66 km. (41.0 mi.)
H = 16 31 54

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

Weston

eP$_1$ 20 09 44 Dist. = 127 km. (78.9 mi.)
eS$_1$ 10 00 H = 20 09 23.3
Followed by two others within 3 minutes.

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

Weston

eP$_1$ 20 11 40.6 Dist. = 122 km. (75.8 mi.)
eS$_1$ 56.0 H = 20 11 20.8

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

Weston

e 20 58 36 , Activity lasting about 2 minutes.
e 21 02 36 " " " " "
e 21 05 45 " " " " "
e 21 11 49 " " " " "

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

Ottawa

P$_2$ 22 37 38 Dist. = 150 km. (93.2 mi.)
S$_2$ 55 H = 22 37.2
e 38 05

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

Weston

e 23 42 20 Activity lasting about 2 minutes.

*****(June 14)*****

Weston

eP$_1$ 14 22 30.5 Dist. = 131 km. (81.4 mi.)
iS$_1$ 47.0 H = 14 22 09.1

*****(June 14)*****

Weston

ePl 14 28 52.2
iSl 29 08

Dist. = 126 km. (78.3 mi.)
H = 14 28 31.7

*****(June 14)*****

Weston

ePl 18 54 00.7
iSl 09.7

Dist. = 71 km. (44.1 mi.)
H = 18 53 49.1

*****(June 14)*****

Weston

ePl 18 54 51.5
iSl 55 12.2

Dist. = 84 km. (52.2 mi.)
H = 18 54 47.9

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

Weston

iPl 15 10 02.6
iSl 20

Dist. = 141 km. (87.6 mi.)
H = 15 09 39.2

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

Weston

iPl 15 17 33.3
eSl 49

Dist. = 125 km, (77.7 mi.)
H = 15 17 12.9

J. I. Monagle, S.J.

International Seismological Centre

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

June 16-30, 1944 ********** Bulletin No. 144

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

Weston

i 13 41 16 Activity lasting about 1 minute.

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

Weston

eP$_n$ 15 48 35 Dist. = 273 km. (169.6 mi.)
iS$_n$ 49 04.6 H = 15 47 55.8

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

Weston

iP$_1$ 15 50 14 Dist. = 70 km. (43.5 mi.)
iS$_1$ 23 H = 15 50 03
Another with iP$_1$ 15 53 05

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

Weston

eP 20 16 10 Activity lasting about 2 minutes.
eP 20 42 10 " " " " "

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

Weston

iP$_1$ 15 17 15.5 Dist. = 137 km. (85.1 mi.)
iS$_1$ 32.8 H = 15 16 53.2

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

Weston

iP$_n$ 19 52 15 Dist. = 215 km. (133.6 mi.)
iS$_n$ 39.0 H = 19 51 42.7
iS$_1$ 45

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

Weston

eP$_n$ 20 29 23
iS$_n$ 49

Dist. = 237 km. (147.3 mi.)
H = 20 28 48

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

Weston

iP$_n$ 20 35 17
iS$_n$ 51

Dist. = 318 km. (197.6 mi.)
H = 20 34 32

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

Weston

iP$_1$ 14 19 22
iS$_1$ 39
Another with iP$_1$ 14 23 48

Dist. = 135 km. (83.9 mi.)
H = 14 19 00

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

Weston

iP 14 22 24
iS$_1$ 31.5
Dist. = 59 km. (36.7 mi.)
H = 14 22 14.4; Blast

Harvard

i 14 22 26
i 38
i 41

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

Harvard

iP 17 11 46.9
iS 58.4
iL 12 01.9

Dist. = 90 km. (55,9 mi.)
H = 17 11 32.2
Local or blast.

*****(June 22)*****

Weston

iP$_n$ 13 17 53.7
iS$_n$ 18 13.8

Dist. = 175 km. (108.7 mi.)
H = 13 17 26.1

*****(June 22)*****

Weston

eP 14 44 23
eS 39

Dist. = 126 km. (78.3 mi.)
H = 14 44 02

*****(June 22)*****

Weston

eP 15 52 05
eS 19
Another with eP 16 06 01

Dist. = 111 km. (69.0 mi.)
H = 15 51 46,9

*****(June 22)*****

Weston

iP 20 18 15
iS 30

Dist. = 119 km. (73.9 mi.)
H = 20 17 56

*****(June 22)*****

Weston

eP 21 16 05
iS 30

Dist. = 225 km. (139.8 mi.)
H = 21 15 32

******(June 23)*****

Seven Falls

P 06 38 42.5
P 50
S 39 16.5
Dist. = 305 km. (189.5 mi.)
H = 06 38.0

Shawinigan Falls

P 06 39 02.5
P 14.5
S 52
S 40 05
S 16
Dist. = 460 km. (235.8 mi.)
H = 06 38.0

*****(June 23)*****

Weston

ePn 06 39 39.5
iSn 40 59
eS3 41 10
iS1 41 39
eL 42 40
Dist. = 784 km. (487.2 mi.)
H = 06 38.0
ca. 49°N, 67°50'W.

Ottawa

e 06 41 32

*****(June 23)*****

Weston

ePz 12 35 34.2
eS3 52
iS1 54

Dist. = 152 km. (94.4 mi.)
H = 12 35 09.5

*****(June 23)*****

Weston

e 19 11 16

Activity lasting about 2.5 minutes.

*****(June 23)*****

Weston

iP3 19 13 36
iS3 55.3

Dist. = 162 km. (100.7 mi.)
H = 19 13 09

*****(June 23)*****

Weston

ePn 19 24 14
iSn 35
iS2 36

Dist. = 184 km. (114.3 mi.)
H = 19 23 45.3

*****(June 23)*****

Weston

e 19 57 18

Activity lasting about 1 minute.

*****(June 24)*****

Shawinigan Falls

P_2 23 48 59
S_2 49 14
Dist. = 130 km. (80.8 mi.)
H = 23 48.6

Ottawa

P_2 23 49 00.5
S_2 17
S_1 20
Dist. = 145 km. (90.1 mi.)
H = 23 48.6

Seven Falls

P_3 23 49 22
S_3 55.5
Dist. ; 300 km. (186.4 mi.) using H = 23 48.6
H = 23 48.6

Weston

iS_1 23 50 38.5
Dist. = 423 km. (263 mi.)

ca. 45°.6 N, 74°.2 W.; Felt at Lachute, Que. according to Ottawa.

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

Weston

iP_1 11 01 12
iS_1 19.8
iL 24

Dist. = 62 km. (38.5 mi.)
H = 11 01 02

*****(June 26)*****

Weston

iP_2 12 31 29½2
iS_1 49

Dist. = 156 km. (96.9 mi.)
H = 12 31 04

*****(June 26)*****

Weston

eP_1 14 26 12.5
eS_1 28
Others at eP_1 14 29 33
eP_1 37 57.7

Dist. = 123 km. (76.4 mi.)
H = 14 26 52.5

*****(June 26)*****

Weston

iP$_1$ 14 39 02
iS$_1$ 19.2

Dist. = 136 km. (84.5 mi.)
H = 14 38 39.9

*****(June 26)*****

Weston

iP$_1$ 16 54 59
iS$_1$ 55 21.2

Dist. = 171 km. (106.2 mi.)
H = 16 54 32

*****(June 26)*****

Weston

iP$_1$ 17 28 12.8
iS$_1$ 22

Dist. = 72 km. (44.7 mi.)
H = 17 28 01.1

*****(June 26)*****

Weston

iP$_n$ 20 29 07
iS$_3$ 28
iS$_1$ 31

Dist. = 181 km. (112.5 mi.)
H = 20 28 38.7

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

Weston

eP 19 05 19

Activity lasting about 2.5 minutes

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

Weston

iP$_n$ 19 14 02.5
iS$_n$ 26

Dist. = 211 km. (131.1 mi.)
H = 19 13 30.5

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

Weston

eP 19 40 21

Activity lasting about 2.5 minutes

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

Weston

iP_n 19 54 58.7
iS_n 55 20

Dist. = 187 km. (116.2 mi.)
H = 19 54 29.7

*****(June 29)*****

Weston

iP_2 15 05 29
iS_3 47

Dist. = 155 km. (96.3 mi.)
H = 15 05 04

*****(June 29)*****

Weston

eP_n 19 30 29
iS_n 31 05

Dist. = 338 km. (210.0 mi.)
H = 19 29 42

*****(June 29)*****

Weston

iP_n 19 43 37.8
iS_n 44 11

Dist. = 308 km. (191.4 mi.)
H = 19 42 55

*****(June 29)*****

Weston

eP 20 04 39 Activity lasting about 1 minute
eP 05 55 " " " 2 minutes

*****(June 29)*****

Weston

iP_n 20 12 09
iS_n 31.5

Dist. = 200 km. (124.3 mi.)
H = 20 11 38.5

*****(June 29)*****

Weston

iP$_n$ 20 24 50
iS$_n$ 25 10

Dist. = 173 km. (107.5 mi.)
H = 20 24 22

*****(June 29)*****

Weston

eP 20 58 56

Activity lasting about 2.5 minutes

*****(June 30)*****

Weston

eP 14 48 53

Activity lasting about 1 minute

*****(June 30)*****

Weston

e 15 29 04

Activity lasting about 2.5 minutes

*****(June 30)*****

Weston

eP 19 46 34
iS 55

Distance = 185 km. (115.0 mi.)
H = 19 46 05.2

J. I. Monagle, S.J.

International Seismological Centre

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

July 1-15, 1944 ********** Bulletin No. 145

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

Weston

iP_1 12 20 22.5 Dist. = 139 km. (86.4 mi.)
iS_1 40 H = 12 19 59.8
Another with iP 13 17 21

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

Weston

eP_1 17 41 03 Dist. = 119 km. (73.9 mi.)
iS_1 18 H = 17 40 44
Another with eP_1 17 45 05

*****(July 2)*****

Weston

iP_1 15 57 36 Dist. = 129 km. (80.2 mi.)
iS_1 52.3 H = 15 57 15

*****(July 2)*****

Weston

iP_n 19 46 24 Dist. = 175 km. (108.7 mi.)
iS_1 47 H = 19 45 56

*****(July 4)*****

Weston

iP_1 02 03 52.5
iS_1 56
Dist. = 27 km. (16.8 mi.)
H = 02 03 48.1

Harvard

iP_1 02 03 55.2
iS_1 04 02.4
iL_1 04 05
Dist. = 55 km. (ca.) (34.2 mi.)
H = 02 03 46.3

*****(July 4)*****

Weston

iP_2 09 02 35.5 Dist. = 160 km. (99.4 mi.)
iS_n 54 H = 09 02 09.8
iS_1 56
iL 03 06
Followed by another within a minute.

*****(July 4)*****

Weston

eP_1 09 59 04 Dist. = 79 km. (49.1 mi.)
iS_1 13 H = 09 58 50.1
Followed by about 6 others within 4 minutes.

*****(July 4)*****

Weston

iP_1 14 20 23.9 Dist. = 133 km. (82.6 mi.)
iS_1 40.7 H = 14 20 02.2
Another with iP_1 14 29 13.7

Weston

iP_1 14 31 51.3 Dist. = 113 km. (70.2 mi.)
iS_1 32 05.5 H = 14 31 32.9

*****(July 4)*****

Weston

iP_1 14 33 55.8 Dist. = 108 km. (67.1 mi.)
iS_1 34 09.5 H = 14 33 38.3

*****(July 4)*****

Weston

16 24 43 Activity lasting about ? minutes
23 10 04 " " " 3 "

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

Weston

iP_1 14 44 58.2
iS_1 45 14.0

Dist. = 125 km. (77.7 mi.)
H = 14 44 37.9

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

Weston

iP_1 14 49 01
iS_1 18.5

Dist. = 139 km. (86.4 mi.)
H = 14 48 38

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

Weston

iP_1 16 20 22.2
iS_1 34.7

Dist. = 99 km. (61.5 mi.)
H = 16 20 06.1

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

Weston

eP_n 19 15 07
iP_1 08.5
iS_1 31
Others with eP_n 19 15 12.8
eP_n 19 17 41

Dist. = 181 km. (112.5 mi.)
H = 19 14 38.7

*****(July 6)*****

Weston

iP_1 14 34 22.8
iS_1 38.3

Dist. = 123 km. (76.4 mi.)
H = 14 34 02.8

*****(July 6)*****

Weston

iP_1 14 43 41
iS_1 58

Dist. = 135 km. (83.9 mi.)
H = 14 43 19

*****(July 6)*****

Weston

eP 19 34 30 Activity lasting about 1.5 minutes.
eP 19 47 55 " " " 2 "

*****(July 7)*****

Weston

iP_1 11 16 22 Dist. = 114 km. (70.8 mi.)
iS_1 36.5 H = 11 16 03.5

*****(July 7)*****

Weston

eP_n 17 44 41 Dist. = 260 km. (161.6 mi.)
iS_2 45 13.5 H = 17 44 03.3
iS_1 18.2

*****(July 7)*****

Weston

eP_1 19 10 34 Dist. = 71 km. (44.1 mi.)
eS_1 43.5 H = 19 10 22.2

*****(July 7)*****

Weston

eP_1 19 11 35 Dist. = 79 km. (49.1 mi.)
eS_1 45 H = 19 11 22

*****(July 7)*****

Weston

eP_1 19 13 21 Dist. = 70 km. (43.5 mi.)
iS_1 30 H = 19 13 09.6
iL 34.2

*****(July 7)*****

Weston

i 21 48 52.5 Activity lasting about 2 minutes

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

Weston

ePn 14 32 21.8 Dist. = 210 km. (130.5 mi.)
iS1 50.5 H = 14 31 50.1

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

Weston

00 38 -- Activity lasting about 3 minutes
19 25 -- " " " 2.5 "

*****(July 10)*****

Weston

iP1 16 47 56.5 Dist. = 67 km. (41.6 mi.)
iS1 48 05.0 H = 16 47 45.6
iL 08.9 Blast.

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

Weston

iPn 01 43 03.8 Dist. = 428 km. (265.9 mi.)
iS1 44 10.0 H = 01 42 06.1

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

Fordham

iP 02 26 41 Dist. = ca. 410 km. (254.8 mi.)
iS 27 27

*****(July 12)*****

Fordham

i 17 14 44
i 54
i 16 54
i 59

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

Weston

iP_1 20 16 42
iS_1 55

Dist. = 102 km. (63.4 mi.)
H = 20 16 25

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

Seven Falls

P_1 17 04 34
S_1 42

Dist. = 70 km. (43.5 mi.)
H = 17 04.3

J. I. Monagle, S.J.

International Seismological Centre

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

July 16-31, 1944 ********** Bulletin No. 146

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

Weston

iP 13 20 54 Activity lasting about 1,5 minutes
iP 14 19 51 " " " 2 "

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

Fordham

iP_2 14 53 19
iS_2 43
Dist. = 206 km. (128.0 mi.)
H = 14 52 46.4

Weston

i 14 54 50.5

*****(July 17)*****

Weston

iP 19 49 47.8 Activity lasting about 2 minutes
iP 20 04 26.0 " " " 1.5 "

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

Weston

iP_1 00 07 39.5
iS_1 55.3
Dist. = 126 km. (78.3 mi.)
H = 00 07 19.0

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

Weston

iP 13 42 30 Activity lasting about 2 minutes

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

Weston

eP_1 15 42 44
eS_1 59
Dist. = 119 km. (73.9 mi.)
H = 15 42 24.6

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

Weston

iP$_1$ 15 48 02
iS$_1$ 18

Dist. = 126 km. (78.3 mi.)
H = 15 47 42

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

Weston

iP 18 38 27
iP 19 49 43

Activity lasting about 2 minutes
" " " 3 "

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

Weston

iP$_1$ 11 01 59.2
iS$_1$ 02 08.5
iL 12

Dist. = 73 km. (45.4 mi.)
H = 11 01 47,3

*****(July 20)*****

Weston

eP 17 44 24

Activity lasting about 1.5 minutes

*****(July 20)*****

Weston

iP$_1$ 19 04 11 DS
iS$_1$ 20

Dist. = 71 km. (44.1 mi.)
H = 19 03 59.4

*****(July 20)*****

Weston

eP 19 35 10.5
eP 19 58 24

Activity lasting about 2 minutes
" " " 1.5 "

*****(July 21)*****

Weston

eP 14 54 06
eP 15 16 21

Activity lasting about 2 minutes
" " " 1.5 minutes

International Seismological Centre

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

Weston

ePP 19 47 58 Activity lasting about 1,5 minutes

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

Weston

ePP 13 23 30 Dist. = 138 km. (85.7 mi.)
iS 47 H = 13 23 08
Others with eP 13 31 22
iP 13 44 05
iP 13 48 04

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

Weston

iP_1 13 39 38C Dist. = 102 km. (63.4 mi.)
iS_1 51 H = 13 39 21.4

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

Weston

iP_1 13 47 48 Dist. = 127 km. (78.9 mi.)
iS_1 48 04 H = 13 47 27.4

*****(July 25)*****

Weston

iP_1 00 59 10.2D
i 25
iL 29.2
Dist. = 100 km. (62.1 mi.)
H = 00 58 53.9

Harvard

iP_1 00 59 12.6
iS_1 27
i 28
iL 29
Dist. = 115 km. (71.4 mi.)
H = 00 58 53.9

*****(July 25)*****

Weston

iP$_1$ 16 57 49
iS$_1$ 58 06
A 11.5

Dist. = 135 km. (83.9 mi.)
H = 16 57 27

*****(July 25)*****

Harverd

iP$_1$ 19 19 56.7
iS$_1$ 20 12.6
iL 15
Dist. = 125 km. (77.7 mi.)
H = 19 19 36.4

Weston

iP$_1$ 19 19 58
iS$_2$ 20 16
iS$_1$ 17
Dist. = 150 km. (93.2 mi.)
H = 19 19 33.6

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

Weston

eP 13 28 15.8 Activity lasting about 2 minutes

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

Weston

iP$_1$ 13 44 51.7
iS$_1$ 45 09.0

Dist. = 137 km. (85.1 mi.)
H = 13 44 29.4

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

Weston

iP$_1$ 13 52 10.5
iS$_1$ 26.0

Dist. = 123 km. (76.4 mi.)
H = 13 51 50.5

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

Weston

e 15 27 02 Activity lasting about 1.5 minutes

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

Weston

iP 17 11 40
iS 48

Dist. = 62 km. (38.5 mi.)
H = 17 11 30

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

Weston

eP 10 37 07
eS 41 06

Dist. = 22°.4
H = 10 32 04
Caribbean Quake.

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

Weston

e 11 24 36.8

Activity lasting about 1.5 minutes

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

Weston

iP 14 26 08.2
iS 25.2

Dist. = 135 km. (83.9 mi.)
H = 14 25 46.2

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

Weston

iP 15 05 50
iS 08.8

Dist. = 149 km. (92.6 mi.)
H = 15 05 25.8

*****(July 28)*****

Weston

eP 12 21 22.5
eP 12 26 49.5
eP 12 28 29

Activity lasting about 2.5 minutes
" " " 1.5 "
" " " 2 "

*****(July 28)*****

Weston

iP$_1$ 18 13 14.5
iS$_1$ 31.2

Dist. = 132 km. (82.0 mi.)
H = 18 12 53

*****(July 28)*****

Weston

iP$_1$ 19 35 13
iS$_1$ 32

Dist. = 150 km. (93.2 mi.)
H = 19 34 49

*****(July 28)*****

Weston

iP$_1$ 21 00 48
iS$_1$ 01 07

Dist. = 150 km. (93.2 mi.)
H = 21 00 23.6

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

Fordham

iP$_2$ 01 58 11
iS$_2$ 31

Dist. = 170 km. (105.6 mi.)
H = 01 57 43.7

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

Weston

i 17 29 21
i 18 11 56
i 19 19 55

Activity lasting about 2 minutes
" " " 2 "
" " " 2 "

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

Weston

iP$_1$ 13 58 02
iS$_1$ 18

Dist. = 127 km. (78.9 mi.)
H = 13 57 41.4

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

Weston

P 14 02 56
S 03 11.6

Dist. = 123 km. (76.4 mi.)
H = 14 03 36

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

Weston

P 14 57 33
S 52

Dist. = 151 km. (93.8 mi.)
H = 14 57 08

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

Weston

21 16 17 Activity lasting about 2 minutes.

J. I. Monagle, S.J.

International Seismological Centre

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

August 1-15, 1944 ************** Bulletin No. 147

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

Weston

[illegible] 14 24 14 Dist. = 134 km. (83.3 mi.)
iS$_1$ 31 H = 14 23 52.2
Another with iP$_1$ 14 33 16

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

Weston

iP$_1$ 14 34 38 Dist. = 150 km. (93.2 mi.)
iS$_1$ 57 H = 14 13 06

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

Weston

iP$_1$ 15 47 50 Dist. = 71 km. (44.1 mi.)
iS$_1$ 59 H = 15 47 38.4

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

Weston

e 16 43 22 Activity lasting about 1 minute.

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

Weston

iP$_n$ 17 04 07 Dist. = 182 km. (113.1 mi.)
iS$_1$ 31 H = 17 03 38.5

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

Weston

i 19 28 33 Activity lasting about 2 minutes
e 23 27 38 " " " 3 "

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

Weston

iP$_1$ 11 38 11.5
iS$_1$ 29.5

Dist. = 142 km. (88.2 mi.)
H = 11 37 48.4

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

Weston

iP$_1$ 15 11 03
iS$_1$ 22

Dist. = 150 km. (93.2 mi.)
H = 15 10 53.5

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

Weston

e 16 37 33

Activity lasting 1.5 minutes

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

Weston

iP$_1$ 19 31 25.7
iS$_1$ 34.0

Dist. = 65 km. (40.4 mi.)
H = 19 31 15.1

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

Weston

i 19 28 27

Activity lasting about 2 minutes

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

Weston

eP$_1$ 15 39 58
iS$_1$ 40 14.5

Dist. = 131. km. (81.4 mi.)
H = 15 39 36.7

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

Weston

iP$_1$ 15 42 45.5
iS$_1$ 43 01

Dist. = 123 km. (76.4 mi.)
H = 15 42 25.5

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

Weston

e 16 09 33 Activity lasting about 1.5 minutes

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

Weston

iP_1 16 54 47 Dist. = 132 km. (82.0 mi.)
iS_1 55 03.7 H = 16 54 25.5
Another with iP_1 16 59 14.7

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

Weston

iP_1 15 01 01.6 Dist. = 135 km. (83.9 mi.)
iS_2 18.0 H = 15 00 39.6
iS_1 18.8

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

Weston

iP_1 19 35 35.5 Dist. = 112 km. (69.6 mi.)
iS_1 49.7 H = 19 35 17.3

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

Weston

iP_1 13 55 34.5 Dist. = 136 km. (84.5 mi.)
iS_1 51.7 H = 13 55 12.4

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

Weston

iP_1 13 59 24.0 Dist. = 129 km. (80.2 mi.)
iS_1 40.2 H = 13 59 03.0

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

Weston

iP_1 14 09 15.5 Dist. = 130 km. (80.8 mi.)
iS_1 31.8 H = 14 08 54.3

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

Weston

eP 17 47 55.5 Activity lasting about 2 minutes

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

Weston

eP_1 15 09 32 Dist. = 127 km. (78.9 mi.)
iS_1 48 H = 15 09 11

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

Weston

iP_1 15 11 26.7 Dist. = 133 km. (82.6 mi.)
iS_1 43.5 H = 15 11 06

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

Weston

eP 15 52 24.5 Activity lasting about 2 minutes
eP 20 27 27 " " " 2 "
eP 21 02 23 " " " .7 "

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

Weston

iP_1 21 30 16 Dist. = 106 km. (65.9 mi.)
iS_1 29.4 H = 21 29 58.7

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

Weston

e 23 25 46 Activity lasting about 1 minute

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

Weston

eP_1 13 23 51 Dist. = 135 km. (83.9 mi.)
iS_1 24 08 H = 13 23 29

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

Weston

iP$_1$ 15 25 26
iS$_1$ 37.5

Dist. = 91 km. (56.9 mi.)
H = 15 25 11

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

Fordham

eP 04 20 32
eS 24 22
Dist. = 21°.4
H = 04 15 38

Weston

eP 04 20 57
eS 24 47
eT 43 05
Dist. = 21°.3
H = 04 16 09

Harvard

eP 04 21 00
eS 24 50
e 42 12
Dist. = 21°.3
H = 04 16 11

Ottawa

eP 04 21 31
eS$_2$ 26 25
L 30
Dist. = 27°.8
H = 04 15 40

Caribbean Quake.

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

Ottawa

P$_1$ 10 48 54.5
S$_1$ 49 06

Dist. = 95 km. (59.0 mi.)
H = 10 48.6

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

Ottawa

P$_1$ 08 40 02
S$_1$ 13

Dist. = 95 km. (59.0 mi.)
H = 08 39.7

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

Weston

iP$_1$ 14 29 30.0 C
iS$_1$ 48

Dist. = 142 km. (88.2 mi.)
H = 14 29 06.9

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

Fordham

iP 09 53 03
eS 56 50
Dist. = 20.4
H = 09 48 24

Weston

iP 09 53 18
eS 57 10
eT 10 15 09
Dist. = 21°6
H = 09 48 26

Harvard

eP 09 53 20
eS 57 14
e 10 15.0
Dist. = 21°8
H = 09 48 24

Caribbean Quake.

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

Weston

i 11 20 16 Activity lasting about 2.5 minutes
i 14 06 20 " " " 1 minute
i 14 17 52 " " " 2 minutes

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

Weston

e 12 18 31 Activity lasting about 1.5 minutes

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

Weston

eP_1 13 46 56
iS_1 47 13

Dist. = 135 km. (83.9 mi.)
H = 13 46 34

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

Weston

iP_1 20 22 14.6
iS_1 22.8

Dist. = 64 km. (39.8 mi.)
H = 20 22 04.2

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

Weston

iP_1 14 10 36.4
iS_1 48.0

Dist. = 92 km. (57.2 mi.)
H = 14 10 21.4

J. I. Monagle, S.J.

International Seismological Centre

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

August 16-31, 1944 ********** Bulletin No. 148

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

Weston

eP$_n$ 11 48 03.7
iS$_1$ 39.0

Dist. = 248 km. (154.1 mi.)
H = 11 47 27.4

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

Weston

iP$_1$ 15 47 19.2
eS$_1$ 36.6

Dist. = 138 km. (85.7 mi.)
H = 15 46 56.7

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

Weston

e 18 48 25 Activity lasting about 2 minutes
e 19 05 17 " " " 2 "
e 19 21 41 " " " 2 "

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

Ottawa

P$_2$ 14 11 42
S$_2$ 12 00
e 08

Dist. = 155 km. (96.3 mi.)
H = 14 11.3

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

Weston

eP$_n$ 19 15 02.8
eS$_n$ 32
iS$_1$ 42

Dist. = 271 km. (168.4 mi.)
H = 19 14 24

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

Weston

eP$_n$ 19 57 18
eS$_3$ 36.6

Dist. = 161 km. (100.0 mi.)
H = 19 56 52

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

Weston

eP$_n$ 20 02 51
eS$_1$ 03 14

Dist. = 175 km. (108.7 mi.)
H = 20 02 23.4

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

Weston

eP$_1$ 20 30 13
eS$_1$ 27

Dist. = 111 km. (69.0 mi.)
H = 20 29 55

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

Weston

iP$_1$ 01 41 23
iS$_1$ 35

Dist. = 95 km. (59.0 mi.)
H = 01 40 08

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

Weston

i	13 51 18	Activity lasting about 2.5 minutes
i	14 01 05	" " " 2.5 "
e	14 03 50	" " " 2 "
i	14 10 01	" " " 2.5 "
e	18 28 07	" " " 2 "
e	18 58 40	" " " 2 "
i	19 01 20	" " " 2 "

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

Weston

iP 19 06 14
iS 32

Dist. = 142 km. (88.2 mi.)
H = 19 05 50.9

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

Weston

e	19 08 48	Activity lasting about 1 minute
e	20 09 04	" " " 1.5 minutes
e	20 37 48	" " " 2.5 "

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

Weston

iP_1 07 44 29.5 Dist. = 131 km. (81.4 mi.)
iS_1 46 H = 07 44 08.2
Others at iP_1 07 54 00
iP_1 09 02 25

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

Weston

e 18 07 16 Activity lasting about 2 minutes

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

Weston

eP_2 12 09 37.5 Dist. = 160 km. (99.4 mi.)
iS_1 58. H = 12 09 11.7

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

Weston

eP_1 12 49 27 Dist. = 153 km. (95.1 mi.)
iS_1 46.5 H = 12 49 02.2

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

Weston

eP_1 13 43 01 Dist. = 135 km. (83.9 mi.)
iS_1 18 H = 13 42 39

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

Weston

eP_1 13 48 00.5 Dist. = 123 km. (76.4 mi.)
iS_1 16 H = 13 47 40.5

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

Weston

eP$_1$ 15 07 35
iS$_1$ 54.2

Dist. = 151 km. (93.8 mi.)
H = 15 07 10.4

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

Weston

eP$_1$ 15 49 57
eS$_1$ 50 10

Dist. = 103 km. (64.0 mi.)
H = 15 49 40

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

Weston

iP$_1$ 16 31 12
iS$_1$ 27.2

Dist. = 120 km. (74.6 mi.)
H = 16 30 52.5

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

Weston

eP$_n$ 19 26 31
eS$_n$ 52

Dist. = 182 km. (113.1 mi.)
H = 19 26 02.5

*****(August 23)*****

Weston

iP$_1$ 13 18 59.5
iS$_1$ 19 16

Dist. = 131 km. (81.4 mi,)
H = 13 18 38.2

*****(August 23)*****

Weston

iP$_1$ 13 33 29.5
iS$_1$ 45

Dist. = 122 km. (75.8 mi.)
H = 13 33 09.6

*****(August 23)*****

Weston

iP$_1$ 16 53 34 D
iS$_1$ 43

Dist. = 70 km. (43.5 mi.)
H = 16 53 23

*****(August 23)*****

Weston

e 19 04 45 Activity lasting about 2 minutes
e 23 29 24 " " " 1.5 "

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

Weston

iP$_1$ 12 01 14
iS$_1$ 29.5

Dist. = 123 km. (76.4 mi.)
H = 12 00 54

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

Weston

iP$_1$ 12 25 18
iS$_1$ 34

Dist. = 127 km. (78.9 mi.)
H = 12 24 57

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

Weston

e 15 06 45 Activity lasting about 1.5 minutes
e 15 15 38 " " " 2 "

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

Weston

iP$_1$ 18 01 17
iS$_1$ 32

Dist. = 118 km. (73.3 mi.)
H = 18 00 58

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

Weston

e 18 45 07 Activity lasting about 2 minutes
e 19 58 25.5 " " " 1.5 "

*****(August 25)*****

Weston

iP$_n$ 16 09 43
iS$_n$ 10 05

Dist. = 195 km. (121.2 mi.)
H = 16 09 13

*****(August 26)*****

Weston

iP$_1$ 09 58 00.2 CNE
iS$_2$ 16

Dist. = 131 km. (81.4 mi.)
H = 09 57 38.7

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

Weston

eP$_1$ 19 35 42.5
iS$_1$ 56.5
iL 36 03.5

Dist. = 111 km. (69.0 mi.)
H = 19 35 24.4

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

Harvard

iP$_1$ 20 50 43
iS$_1$ 46
iL 48
Dist. = 24 km. (14.9 mi.)
H = 20 50 39

Weston

eP$_1$ 20 50 44.7

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

Weston

e 23 39 07 Activity lasting about 2 minutes

*****(August 29)*****

Weston

eP$_1$ 13 13 35
eS$_1$ 51.5

Dist. = 131 km. (81.4 mi.)
H = 13 13 12.7

*****(August 29)*****

Weston

iP$_1$ 13 19 23.6
iS$_1$ 39.5

Dist. = 126 km. (78.3 mi.)
H = 13 19 03.1

*****(August 29)*****

Weston

eP$_n$ 19 35 43
eS$_n$ 36 05

Dist. = 195 km. (121.2 mi.)
H = 19 35 13

*****(August 29)*****

Ottawa

P$_1$ 23 07 07
S$_1$ 25
e 34

Dist. = 155 km. (96.3 mi.)
H = 23 06.9

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

Weston

iP$_n$ 18 25 52.2 CSW
iS$_2$ 26 15.9
iS$_1$ 19

Dist. = 197 km. (122.4 mi.)
H = 18 25 22

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

Weston

e 18 29 43.7
e 19 32 26

Activity lasting about .7 minutes
" " " 2 "

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

Weston

iP$_1$ 14 38 16.2
iS$_1$ 28.3

Dist. = 96 km. (59.6 mi.)
H = 14 38 00.6

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

Weston

e 19 01 15 Activity lasting about 2 minutes
e 19 03 05 " " " 2 "

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

Weston

$_{e}P_{n}$ 20 21 17
$_{i}S_{n}$ 39.2

Dist. = 195 km. (121.2 mi.)
H = 20 20 47

J. I. Monagle, S.J.

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

September 1-15, 1944 ********** Bulletin No. 149

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

Weston

iP_1 17 47 11.2
iS_1 21.5

Dist. = 81 km. (50.3 mi.)
H = 17 46 58.1

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

Weston

iP_1 15 47 07
iS_1 16

Dist. = 71 km. (44.1 mi.)
H = 15 46 55.4

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

Weston

eP_1 17 11 12.3
eS_1 26
Another with eP_1 17 11 46.6

Dist. = 108 km. (67.1 mi.)
H = 17 10 54.7

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

Weston

iP_1 18 31 43.7
iS_1 59.0

Dist. = 122 km. (75,8 mi.)
H = 18 31 23.9

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

Weston

iP_n 18 40 16.8
iS_2 51.5

Dist. = 277 km. (172.1 mi.)
H = 18 39 37

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

Weston

eP_1 13 49 03
iS_2 20
iS_1 21

Dist. = 142 km. (88.2 mi.)
H = 13 48 39.9

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

Weston

iP$_1$ 16 58 05 DW
iS$_1$ 09

Dist. = 95 km. (59.0 mi.)
H = 16 57 49.5

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

Ottawa

iP$_1$ 04 39 01
S$_1$ I2
M 30
Dist. = 90 km. (55.9 mi.)
H = 04 38.7

Shawinigan Falls

P$_2$ 04 39 21
S$_2$ 48
Dist. = 240 km. (149.1 mi.)
H = 04 38.7

Harvard

iP$_n$ 04 39 38
iS$_n$ 40 24
Dist. = 441 km. (274.0 mi.)
H = 04 38 38.7

Seven Falls

P$_2$ 04 39 40
S$_n$ 40 16
Dist. = 410 km. (245.8 mi.)
H = 04 38.7

Weston

iP$_n$ 04 39 40.5
eS$_3$ 40 25.2
Dist. = 388 km. (241.1 mi.)
H = 04 38 47.7

Fordham

iP 04 39 46
iS 40 34
iS 44
Dist. = 432 km. (268.4 mi.)
H = 04 38 39.9

Halifax

P$_2$ 04 40 29
e 41 27
S$_2$ 42 09
Dist. = 900 km. (559.2 mi.)
H = 04 38.8

Cornwall-Massena Quake, Intensity 1X Modified Mercalli Scale. Provisional Epicenter 44°58'N, 74°48'W according to the Dominion Observatory at Ottawa, Canada.

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

Ottawa

P$_1$ 08 30 05
S$_1$ 16
Dist. = 90 km. (55.9 mi.)
H = 08 30.8
Cornwall-Massena Aftershock

Shawinigan Falls

08 32 21

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

Ottawa

P_1 08 51 21.5
S_1 32
Dist. = 90 km. (55.9 mi.)
H = 08 51.1

Harvard

iP_n 08 51 58.6
i 52 04.8
i 32.8
i 38.3
iS_n 44.8
i 47.7

Seven Falls

P_2 08 52 05.5
S_n 41
S_2 52
Dist. = 410 km. (245.8 mi.)
H = 08 51.0

Shawinigan Falls

P_2 08 51 41.5
S_2 52 08
Dist. = 240 km. (149.1 mi.)
H = 08 51.1

Weston

iP_n 08 52 01.3
eS_n 42.9
Dist. = 391 km. (243.0 mi.)
H = 08 51 08

Fordham

iP 08 52 19

Cornwall-Massena Aftershock.

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

Ottawa

P_1 10 57 07
S_1 17.5
Dist. = 90 km. (55.9 mi.)
H = 10 56.8

Cornwall-Massena Aftershock.

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

Ottawa

P_1 11 11 09.5
S_1 20
Dist. = 90 km. (55.9 mi.)
H = 11 10.9

Cornwall-Massena Aftershock.

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

Weston

eP$_1$ 02 23 18.5
iS$_1$ 28.3

Dist. = 78 km. (48.5 mi.)
H = 02 23 05.8

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

Weston

iP$_1$ 15 40 30
iS$_1$ 38.8

Dist. = 69 km. (42.9 mi.)
H = 15 40 18.8

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

Weston

iP$_2$ 18 48 30.5 DS
iS$_1$ 52

Dist. = 168 km. (104.4 mi.)
H = 18 48 03.7

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

Weston

iP$_n$ 19 16 12
iS$_1$ 49
Another one within one minute

Dist. = 259 km. (160.9 mi.)
H = 19 15 34

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

Weston

iP$_n$ 19 35 31
iS$_1$ 36 02

Dist. = 222 km. (137.9 mi.)
H = 19 34 57.8

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

Ottawa

P$_1$ 13 55 29.5
S$_1$ 40
Cornwall-Massena Aftershock.

Dist. = 90 km. (55.9 mi.)
H = 13 55.2

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

Weston

iP$_1$ 17 20 21.6 C
iS$_1$ 30.5
iL 34.5
Followed by several others within two minutes.

Dist. = 70 km. (43.5 mi.)
H = 19 43 38.3

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

Ottawa

P$_2$ 22 14 36
S$_2$ 54

Dist. = 150 km. (93.2 mi.)
H = 22 14.2

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

Ottawa

P$_1$ 10 11 30
S$_1$ 40.5
Cornwall - Massena Aftershock

Dist. = 90 km. (55.9 mi.)
H = 10 11.2

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

Weston

eP$_1$ 17 36 37
eS$_1$ 47

Dist. = 79 km. (49.1 mi.)
H = 17 36 24.2

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

Fordham

iP$_2$ 18 35 39
iS$_2$ 36 00

Dist. = 177 km. (110 mi.)
H = 18 35 10.7

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

Ottawa

P$_1$ 19 35 36.5
S$_1$ 47
Cornwall-Massena Aftershock.

Dist. = 90 km. (55.9 mi.)
H = 19 35.3

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

Fordham

e 16 25 45
i 51
i 58

Ottawa

P_1 23 25 04
S_1 14.5
Dist. = 90 km. (55.9 mi.)
H = 23 24.8

Weston

iP_n 23 25 45.0
iS_n 26 29.0
Dist. = 420 km. (261 mi.)
H = 23 24 48.4

Fordham

eP_n 23 25 51
e 54
i 26 01
iP_1 04
iS_n 38
i 40
i 47
iS_1 51
Dist. = 450 km. (279.6 mi.)
H = 23 24 50.7

Strong Aftershock of Cornwall-Massena Quake.

Shawinigan Falls

P_2 23 25 25
S_2 52
Dist. = 240 km. (149.1 mi.)
H = 23 24.8

Seven Falls

P_2 23 25 48.5
S_1 26 23.5
S_2 34
Dist. = 410 km. (245.8 mi.)
H = 23 24.7

Harvard

iP_n (23 26 42.1)
i (47.5)
i (27 15)
iS_n (28.6)
Dist. = 443 km. (275.3 mi.)
H = 23 25 42.6

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

Weston

iP_1 14 09 25
eS_2 41
Dist. = 131 km. (81.4 mi.)
H = 14 09 03.7

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

Weston

iP_1 14 12 45
iS_1 13 02
Dist. = 135 km. (83.9 mi.)
H = 14 12 23.0

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

Weston

ePn 15 06 28
iS1 59.5

Dist. = 226 km. (140.4 mi.)
H = 15 05 54.3

*****(September 13)*****

Weston

ePn 13 41 22
eS1 49

Dist. = 199 km. (123.7 mi.)
H = 13 40 52

*****(September 13)*****

Weston

iP2 17 48 33
iS1 52.5

Dist = 154 km. (95.7 mi.)
H = 17 48 08.0

*****(September 13)*****

Ottawa

P1 22 00 43.5
S1 54

Dist. = 90 km. (55.9 mi.)
H = 22 00.4
Cornwall-Massena Aftershock.

*****(September 14)*****

Harvard

i 06 58 49
i 52

Local

*****(September 14)*****

Weston

eP1 18 37 30
iS1 48
Another with eP1 18 42 00

Dist. = 143 km. (88.8 mi.)
H = 18 37 06.7

*****(September 14)*****

Weston

Hurricane this P.M, There was no power here from Sept. 15 about 0345 till about 1220 on Sept. 16th.

International Seismological Centre

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

Harvard

iP$_1$ 00 29 45
iS$_1$ 30 05

Dist. = 160 km. (99.4 mi.)
H = 00 29 18.9

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

Harvard

iP$_1$ 01 59 57
iS$_1$ 02 00 16

Dist. = 152 km. (94.4 mi.)
H = 01 59 32.2

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

Harvard

iP 02 58 05
iS 24

Dist. = 152 km. (94.4 mi.)
H = 02 58 40.2

J. I. Monagle, S.J.

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

September 16-30, 1944 ********** Bulletin No. 150

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

Weston

iP$_1$ 00 44 52.2
iS$_1$ 45 00.7
iL 04.9
Dist. = 67 km. (41.6 mi.)
H = 00 44 41.3

Harvard

iP 00 44 55
iS 45 07
iL 10
Dist. = 95 km. (59.0 mi.)
H = 00 44 39.6

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

Weston

iP$_1$ 14 33 35.0
iS$_1$ 43.7

Dist. = 68 km, (42.2 mi.)
H = 14 33 23.9

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

Ottawa

P$_2$ 13 53 08.5
S$_2$ 36

Dist. = 240 km. (149.1 mi.)
H = 13 52.5

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

Weston

iP$_1$ 15 05 40
iS$_1$ 49.3

Dist. = 73 km. (45.4 mi.)
H = 15 05 28.2

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

Weston

iP$_1$ 15 14 00.2
iS$_1$ 15.0

Dist. = 108 km. (67.1 mi.)
H = 15 13 41.0

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

Ottawa

P$_2$ 22 29 19.5
S$_2$ 37
e 45

Dist. = 150 km. (93.2 mi.)
H = 22 28.9

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

Weston

iP_1 23 06 01
iS_1 15.5

Dist. = 115 km. (71.4 mi.)
H = 23 05 42.3

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

Weston

eP 15 04 56.0
iS 05 05.8

Dist. = 77 km. (47.8 mi.)
H = 15 04 43.5

*****(September 23)*****

Harvard

iP 00 31 12.8
iS 33
iL 44
Dist. = 155 km. (96.3 mi.)
H = 00 30 47.8

Weston

eP_1 00 31 13.2
eS_1 33.3
Dist. = 156 km. (96.9 mi.)
H = 00 30 47.8

*****(September 23)*****

Weston

eP_1 17 28 51.5
eS_1 29 07.0

Dist. = 124 km. (77.0 mi.)
H = 17 28 31.4

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

Weston

eP_1 12 29 37.1
iS_1 57
Another with eP 12 32 22

Dist. = 156 km. (96.9 mi.)
H = 12 29 11.9

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

Ottawa

P_1 19 30 41.5
S_1 52

Dist. = 90 km. (55.9 mi.)
H = 19 30.4
Cornwall-Massena Afterchock of Sept. 5th Quake.

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

Fordham

eP$_n$ 11 42 24
iP$_2$ 42
iS$_n$ 43 41
Dist. = 755 km. (469.1 mi.)
H = 11 40 46

Weston

eP$_2$ 11 43 14
iS$_3$ 44 41
Dist. = 980 km. (608.9 mi.)
H = 11 40 46

Quake?

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

Weston

iP$_1$ 18 15 04
iS$_1$ 13

Dist. = 70 km. (43.5 mi.)
H = 18 14 52.7

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

Weston

iP$_1$ 18 13 26.8
iS$_1$ 41.0

Dist. = 113 km. (70.2 mi.)
H = 18 13 08.4

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

Weston

eP$_1$ 18 32 41.0
iS$_1$ 50.5

Dist. = 75 km. (46.6 mi.)
H = 18 32 28.8

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

Weston

iP$_1$ 14 25 10
iS$_1$ 27
Others: eP 15 10 13
eP 15 15 31
eP 15 19 46
eP 15 27 15.5

Dist. = 135 km. (83.9 mi.)
H = 14 24 48

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

Weston

iP$_1$ 14 23 18.0
iS$_1$ 32.5

Dist. = 115 km. (71.4 mi.)
H = 14 22 59.3

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

Weston

iP_1 14 32 54.6
iS_1 33 08.3

Dist. = 108 km. (67.1 mi.)
H = 14 32 37.1

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

Weston

eP 18 14 20.5
iS 33.0
Another with eP 18 15 55.5

Dist. = 99 km. (61.5 mi.)
H = 18 14 04.6

J. I. Monagle, S.J.

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

October 1-15, 1944 ********** Bulletin No. 151

*****(October 1)*****

Weston

eP$_1$ 14 42 28.5 Dist. = 102 km. (63.4 mi.)
iS$_1$ 41.5 H = 14 42 11.9
Another with iP$_1$ 14 42 36.2

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

Weston

eP$_1$ 16 59 42.3 Dist. = 93 km. (57.8 mi.)
iS$_1$ 54 H = 16 59 27.2

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

Weston

eP$_1$ 18 40 28.2 Dist. = 134 km. (83.3 mi.)
iS$_1$ 45 H = 18 40 06.4

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

Ottawa

P$_1$ 00 36 41 Dist. = 90 km. (55,9 mi.)
S$_1$ 51.5 H = 00 36.4
i 56 Cornwall-Massena Aftershock of Sept. 5, 1944

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

Weston

eP$_n$ 19 17 34 Dist. = 178 km.(110.6 mi.)
iS$_3$ 54.5 H = 19 17 06.1 Blast.

*****(October 5)*****

Weston

eP$_1$ 17 36 19 Dist, = 119 km, (73.9 mi.)
iS$_1$ 34.0 H = 17 35 59.6 Blast.
Followed by 4 others within one minute

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

Weston

iP$_1$ 16 18 00.0 Dist. = 101 km. (62.8 mi.)
iS$_1$ 12.8 H = 16 17 43.6 Blast.
Followed by 3 others within one minute.

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

Ottawa

P$_1$ 01 46 11.5 Dist. = 90 km.(55.9 mi.)
S$_1$ 22 H = 01 45.9
Cornwall-Massena Aftershock

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

Harvard

iP$_1$ 20 44 25
iS$_1$ 38.5
iL 45
Dist. = 108 km. (67.1 mi.)
H = 20 44 07.4

Weston

eP$_1$ 20 44 26.9
eS$_1$ 41.5
Dist. = 119 km. (73.9 mi.)
H = 20 44 07.4

Probably a blast.

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

Ottawa

P$_1$ 02 34 03 Dist. = 90 km. (55.9 mi.)
S$_1$ 13.5 H = 02 33.8
Cornwall-Massena Aftershock

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

Harvard

iP 15 16 37.5
iS 58
Dist. = 165 km. (102.5 mi.)
H = 15 16 10.4

Weston

iP$_2$ 15 16 37.8
iS$_2$ 58
Dist. = 171 km. (106.2 mi.)
H = 15 16 10.4

Probably a blast.

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*****(October 14)*****

Ottawa

P_2 19 18 17
S_2 34
e 43

Dist. = 150 km. (93.2 mi.)
H = 19 17.9

J. I. Monagle, S.J.

International Seismological Centre

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

October 16-31, 1944 ********** Bulletin No. 152

*****(October 16)*****

Weston

eP$_1$ 14 54 03
eS$_1$ 20
Dist. = 135 km. (83.9 mi.)
H = 14 53 41
Probably a blast.

Harvard

eP$_1$ 14 54 08
eS$_1$ 29
Dist. = 170 km. (105.6 mi.)
H = 14 53 41

*****(October 16)*****

Weston

iP$_1$ 18 40 55
iS$_1$ 41 06.7
Dist. = 93 km. (57.8 mi.)
H = 18 40 40

Harvard

eP$_1$ 18 40 55
eS$_1$ 41 05
eL 09
Dist. = 80 km. (49.7 mi.)
H = 18 40 42

*****(October 17)*****

Weston

eP$_n$ 19 28 19.5
iS$_1$ 44

Dist. = 185 km. (115.0 mi.)
H = 19 27 50.7 Blast.

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

Weston

iP$_1$ 00 30 19.8
iS$_1$ 31.3
Dist. = 82 km. (51.0 mi.)
H = 00 30 06.8

Harvard

iP$_1$ 00 30 20
iS$_1$ 30
iL 37
Dist. = 80 km. (49.7 mi.)
H = 00 30 07

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

Weston

eP$_n$ 20 02 20.5
iS$_3$ 44

Dist. = 205 km. (127.4 mi.)
H = 20 01 49.3 Blast.

*****(October 22)*****

Weston

eP$_1$ 19 26 19
iS$_1$ 29

Dist. = 79 km. (49.0 mi.)
H = 19 26 06.2

*****(October 22)*****

Weston

eP$_1$ 19 27 09
iS$_1$ 18.3

Dist. = 73 km. (45.4 mi.)
H = 19 26 57.1

*****(October 23)*****

Weston

iP$_1$ 12 12 43
iS$_1$ 13 00
Another within one minute.

Dist. = 135 km. (83.9 mi.)
H = 12 12 21 Blast.

*****(October 23)*****

Weston

iP$_1$ 18 27 26.5
iS$_1$ 41.5
Dist. = 120 km. (74.6 mi.)
H = 18 27 07

Harvard

iP 18 27 29
iS 44
Dist. = 120 km. (74.6 mi.)
H = 18 27 09.4

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

Weston

eP$_1$ 21 00 05.2
eS$_1$ 19.8
Dist. = 116 km. (72.1 mi.)
H = 20 59 46.3

Harvard

iP 21 00 08
iS 25
i 33
Dist. = 135 km. (83.9 mi.)
H = 20 59 46.0

Probably a blast.

*****(October 25)*****

Weston

eP$_1$ 13 09 16.2
iS$_1$ 28.2

Dist. = 95 km. (59.0 mi.
H = 13 09 01.7 Blast.

*****(October 25)*****

Weston

eP$_1$ 15 23 33.5
iS$_1$ 49.2

Dist. = 124 km. (77.0 mi.)
H = 15 23 13.4 Blast.

*****(October 25)*****

Weston

eP$_2$ 15 27 31
iS$_1$ 52

Dist. = 165 km. (102.5 mi.)
H = 15 27 04.4 Blast.

*****(October 25)*****

Weston

iP$_1$ 18 35 15
iS$_1$ 29
Dist. = 111 km. (69.0 mi.)
H = 18 34 57
Probably a blast.

Harvard

iP 18 35 18
iS 34
iL 41
Dist. = 125 km. (77.7 mi.)
H = 18 34 57.6

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

Weston

iP$_1$ 16 47 15
iS$_1$ 29

Dist. = 111 km. (69.0 mi.)
H = 16 46 56.9

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

Weston

iP$_1$ 16 49 25
iS$_1$ 39.5

Dist. = 115 km. (71.4 mi.)
H = 16 47 06.3

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

Weston

iP$_1$ 17 06 03.5
iS$_1$ 27.2

Dist. = 188 km. (116.8 mi.)
H = 17 05 32.9

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

Weston

iP$_1$ 17 36 26
iS$_1$ 40.5
iL 47.5
Dist. = 115 km. (71.4 mi.)
H = 17 36 07.3

Harvard

iP$_1$ 17 36 28
iS$_1$ 45
iI 52
Dist. = 135 km. (83.9 mi.)
H = 17 36 06.0

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

Ottawa

P$_2$ 19 19 01.5
S$_2$ 18.5
e 27
Dist. = 150 km. (93.2 mi.)
H = 19 18.6

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

Weston

iP$_1$ 14 10 08.9
iS$_1$ 25.5
Another with iP$_1$ 14 29 53
Dist. = 132 km. (82.0 mi.)
H = 14 09 47.4

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

Weston

iP$_1$ 15 28 40.0
iS$_1$ 57.5
Dist. = 139 km. (86.4 mi.)
H = 15 28 17.3

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

Weston

iP$_1$ 17 11 17
iS$_1$ 36
Dist. = 150 km. (93.2 mi.)
H = 17 10 53

*****(October 31)*****

Ottawa

P$_1$ 08 42 40.5
S$_1$ 51
i 56
Dist. = 90 km. (55.9 mi.)
H = 08 42.4

Shawinigan Falls

P$_2$ 08 43 01.5
S$_2$ 28.5
Dist. = 240 km. (149.1 mi.)
H = 08 42.4

*****(October 31)*****
cont'd

Weston

iP$_n$ 08 43 20.5
eS$_1$ 33.3
Dist. = 340 km. (211.3 mi.)
H = 08 42 33.3

Seven Falls

P$_2$ 08 43 25
S$_n$ 44 00
S$_2$ 11
Dist. = 410 km. (254.8 mi.)
H = 08 42.3

Fordham

iP$_2$ 08 43 38
iS$_n^2$ 44 15
iS$_2^n$ 25
i 29
Dist. = 419 km. (260.4 mi.)
H = 08 42 34.0

Strong Cornwall-Massena Aftershock of Sept. 5, 1944 Shock.

*****(October 31)*****

Weston

iP$_1$ 15 17 40
iS$_1$ 48.5

Dist. = 67 km. (41.6 mi.)
H = 15 17 29.1

*****(October 31)*****

Weston

iP$_1$ 17 47 28.5
iS$_1$ 54

Dist. = 190 km. (118.1 mi.)
H = 17 46 59.2

J. I. Monagle, S.J.

International Seismological Centre

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

November 1-15, 1944 ********** Bulletin No. 153

*****(November 1)*****

Fordham

iP_2 18 15 12
iS_2 39

Dist. = 235 km. (146.0 mi.)
H = 18 14 35.2

*****(November 1)*****

Weston

iP_1 19 53 14
iS_1 26

Dist. = 95 km. (59.0 mi.)
H = 19 52 58.5

*****(November 2)*****

Weston

iP_1 13 32 27.6 CW
iS_1 40.5

Dist. = 102 km. (63.4 mi.)
H = 13 32 11

*****(November 2)*****

Weston

iP_1 13 38 28
iS_1 43
Another with iP_1 13 39 27

Dist. = 120 km. (74.6 mi.)
H = 13 38 08.5

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

Weston

iP_1 15 47 06
iS_1 22.8
Another with iP_1 15 54 05

Dist. = 133 km.
H = 15 46 44.4

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

Ottawa

P 18 17 04
S 24
i 27

Dist. = 170 km. (105.6 mi.)
H = 18 16.5

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

Weston

eP$_n$ 19 55 10
iS$_1$ 48

Dist. = 265 km. (164.7 mi.)
H = 19 54 31.7

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

Fordham

iP$_2$ 22 12 03
iS$_2$ 26
Dist. = 197 km. (122.4 mi.)
H = 22 11 31.6

Weston

iP 22 12 06
iS$_2$ 29.7
Dist. = 216 km. (134.2 mi.)
H = 22 11 30.8

Harvard

i 22 12 03
i 25

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

Weston

iP$_1$ 18 33 55
iS$_1$ 34 07

Dist. = 95 km. (59.0 mi.)
H = 18 33 39.5

*****(November 5)*****

Ottawa

P$_3$ 19 09 18
S$_3$ 59
S$_1$ 10 15
Dist. = 375 km. (233.0 mi.)
H = 19 08.4

Shawinigan Falls

P$_2$ 19 09 42
S$_3$ 10 24.5
S$_1$ 51
Dist. = 500 km. (310.7 mi.)
H = 19 08.4

Seven Falls

e 19 11 26
Felt at Timmins, Ont.

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

Harvard

iP$_1$ 16 32 27
iS$_1$ 44
iL 50

Dist. = 135 km. (83.9 mi.)
H = 16 32 05

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

Harvard

iP1 18 56 20
iS1 35

Dist. - 120 km. (74.6 mi.)
H - 18 56 00.5
Probably blast.

*****(November 9)*****

Weston

iP1 11 53 06
iS1 23

Dist. - 135 km. (83.9 mi.)
H - 11 52 44.1
Another with iP1 11 53 38

*****(November 9)*****

Weston

iP1 15 45 11
iS1 17.5

Dist. - 51 km. (31.7 mi.)
H - 15 45 02.7

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

Fordham

ePn 11 51 11
eSn 52 14
iS1 50
Dist. - 615 km. (382.1 mi.)
H - 11 49 51
Ohio°

Weston

ePn 11 51
eSn 53 03

Ottawa

P3 11 52 11
P2 17
S3 52
Dist. - 375 km. (233.0 mi.)
H - 11 51.3

Shawinigan Falls

e 11 53 08
e 54 03

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

Weston

iP1 12 32 31
iS1 44

Dist. - 103 km. (64.0 mi.)
H - 12 32 14.2

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

Weston

iP$_1$ 13 13 53
iS$_1$ 14 10

Dist. = 135 km. (83.9 mi.)
H = 13 13 31

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

Weston

eP$_n$ 14 38 14
iS$_1$ 40

Dist. = 193 km. (119.9 mi.)
H = 14 37 44.3

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

Weston

iP$_1$ 14 01 20
iS$_1$ 32

Dist. = 95 km. (59.0 mi.)
H = 14 01 04.5

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

Weston

eP$_1$ 12 58 33
eS$_1$ 51

Dist. = 143 km. (88.8 mi.)
H = 12 58 09.7

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

Weston

eP$_1$ 13 00 09
iS$_1$ 28

Dist. = 150 km. (93.2 mi.)
H = 12 59 44.5

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

Weston

eP$_1$ 13 02 53
iS$_1$ 03 11

Dist. = 143 km. (88.8 mi.)
H = 13 02 29.7

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

Weston

eP$_1$ 13 39 01
iS$_1$ 14.5

Dist. = 112 km. (69.6 mi.)
H = 13 38 43.6

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

Weston

iP_1 14 48 57.5
iS_1 49 12.5
Dist. = 120 km. (74.6 mi.)
H = 14 48 38

Fordham

iP_1 14 49 17
iS_2 42
Dist. = 216 km. (134.2 mi.)
H = 14 48 43

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

Ottawa?

P_2 18 55 25
S_2 42
i 46

Dist. = 150 km. (93.2 mi.)
H = 18 55.0

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

Weston

iP_1 23 17 38.5
iS_1 51
Dist. = 100 km. (62.1 mi.)
H = 23 17 22.2

Fordham

iP_2 23 17 57
iS_2 18 23
Dist. = 225 km. (139.8 mi.)
H = 23 17 21.6

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

Weston

eP_1 13 58 23
iS_1 38
Another with iP 14 03 05

Dist. = 119 km. (73.9 mi.)
H = 13 58 03.6

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

Weston

eP_1 14 56 34.5
iS_1 50

Dist. = 123 km. (76.4 mi.)
H = 14 56 14.5

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

Weston

iP_1 15 17 29
iS_1 42.5

Dist. = 117 km. (72.7 mi.)
H = 15 17 11.6

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

Weston

iP_1 15 11 08.7
iS_1 21

Dist. = 97 km. (60.3 mi.)
H = 15 10 52.9

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

Weston

iP_1 13 28 16.2
iS_1 33.5

Dist. = 137 km. (85.1 mi.)
H = 13 27 53.9

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

Weston

iP_1 14 32 08.0
iS_1 23.7

Dist. = 125 km. (77.7 mi.)
H = 14 31 47.7

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

Weston

iP_1 14 48 18.5
iS_1 33

Dist. = 116 km. (72.1 mi.)
H = 14 47 59.6

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

Weston

iP_1 14 53 54.5
iS_1 54 10

Dist. = 123 km. (76.4 mi.)
H = 14 53 34.5

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

Weston

iP_1 19 00 03
iS_1 12

Dist. = 70 km. (43.5 mi.)
H = 18 59 51.6

*****(November 25)*****

Weston

iP_1 12 57 58
iS_1 58 10

Dist. = 95 km. (59.0 mi.)
H = 12 57 42.5

*****(November 25)*****

Weston

eP$_1$ 13 37 12
eS$_1$ 21
Others at eP 14 48 12.9
eP 14 51 00
eP 14 52 08

Dist. = 70 km. (43.5 mi,)

*****(November 25)*****

Weston

eP$_1$ 17 47 09.7
eS$_1$ 25

Dist. = 124 km. (77.0 mi.)
H = 17 46 49.3

*****(November 25)*****

Weston

eP$_1$ 18 25 12.5
eS$_1$ 28.7

Dist. = 128 km. (79.5 mi.)
H = 18 24 51.6

*****(November 25)*****

Ottawa

P$_1$ 19 56 27
S$_1$ 46
e 58

Dist. = 160 km. (99.4 mi.)
H = 19 56.0

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

Weston

eP$_1$ 19 23 21
iS$_1$ 31

Dist. = 79 km. (49.1 mi.)
H = 19 23 08.1

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

Weston

eP$_1$ 20 14 56.9
eS$_1$ 15 05.8

Dist. = 70 km. (43.5 mi.)
H = 20 14 45.5

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

Weston

eP$_1$ 21 58 33
iS$_1$ 43

Dist. 79 km. (49.1 mi.)
H = 21 58 20.1

*****(November 29)*****

Weston

eP$_1$ 16 34 59
iS$_1$ 35 10

Dist. = 87 km. (54.0 mi.)
H = 16 34 44.8
Followed by several others within 1.5 minutes

*****(November 30)*****

Weston

eP$_1$ 12 16 01
iS$_1$ 15

Dist. = 111 km. (70.0 mi.)
H = 12 15 43

*****(November 30)*****

Fordham

iP$_2$ 17 30 34
iS$_2$ 54
Dist. = 169 km. (105.0 mi.)
H = 17 30 06.8

Weston

eP$_2$ 17 30 41
iS$_1$ 31 09.4
Dist. = 217 km. (134.8 mi.)
H = 17 30 06.8

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*****(December 1)*****

Fordham

eP 04 50 43
e 54 36
iS 47
Dist. = 22°.3
H = 04 45 51

Weston

eP 04 50 57
eS 54 57
Dist. = 22°.6
H = 04 45 51 Caribbean quake.

*****(December 1)*****

Weston

eP 10 30 04.8
eS 17.8

Dist. = 103 km. (64.0 mi.)
H = 10 29 48

*****(December 1)*****

Weston

iP_1 12 51 58
iS_1 52 13.5

Dist. = 124 km. (77.0 mi.)
H = 12 51 37.8

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

Weston

iP_1 14 09 35
iS_1 49.3

Dist. = 114 km. (70.8 mi.)
H = 14 09 16.4

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

Weston

iP_1 14 12 18
iS_1 31.5

Dist. = 107 km. (66.5 mi.)
H = 14 12 00.6

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

Weston

iP$_1$ 17 26 27.0
iS$_1$ 38.7

Dist. = 92 km. (57.2 mi.)
H = 17 26 12.1

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

Weston

iP$_1$ 14 34 41
iS$_1$ 49.5

Dist. 66 km. (41.0 mi.)
H = 14 34 30.3

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

Weston

iP$_1$ 21 42 22
iS$_1$ 33.2

Dist. = 89 km. (55.3 mi,)
H = 21 42 07.8

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

Weston

iP$_1$ 19 00 05.5
iS$_1$ 14.2

Dist. = 72 km. (44.7 mi.)
H = 18 59 53.3
Followed by three others within one minute.

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

Weston

iP$_1$ 19 30 53.3
iS$_1$ 31 02.7

Dist. = 74 km. (50.0 mi.)
H = 19 30 41.3

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

Weston

iP$_1$ 15 34 44
iS$_1$ 58.5

Dist. = 115 km. (71.4 mi.)
H = 15 34 25.3

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

Ottawa

P 15 10 10
S 27

Dist. 150 km. (93.2 mi.)
H = 15 09.7

*****(December 11)*****

Weston

iP_n 15 16 45
iS_1 17 07

Dist. = 170 km. (105.6 mi.)
H = 15 16 18

*****(December 11)*****

Weston

iP_n 15 32 40
iS_1 33 03

Dist. 175 km. (108.7 mi.)
H = 15 32 12.4

*****(December 11)*****

Weston

iP_n 16 42 59.7
iS_1 43 25.7

Dist. = 192 km. (119.3 mi.)
H = 16 42 30

*****(December 11)*****

Weston

iP_2 18 14 41.5
iS_1 15 02.5

Dist. = 164 km. (101.9 mi.)
H = 18 14 15.1

*****(December 13)*****

Weston

iP_1 15 56 23.7
iS_1 37.5

Dist. = 109 km, (67.7 mi.)
H = 15 56 06.0

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

Harvard

iP$_2$ 03 15 21.0
iP$_1$ 24.0
iS$_2$ 38.5
Dist. 140 km.

Weston

iP$_1$ 03 15 22.0
iS$_1$ 40.0
Dist. = 143 km. (88.8 mi.)
H = 03 14 58.7

Quake. Epicenter probably between New Britain and Wallingford, Conn. Intensity IV (Modified Mercalli Scale) at Wallingford.

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

Weston

iP$_n$ 17 17 58
iS$_n$ 18 26

Dist. = 255 km. (158.4 mi.)
H = 17 17 21

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

December 16-31, 1944 ********** Bulletin No. 156

*****(December 16)*****

Fordham

iP_2 18 48 00
iS_2 26

Dist. = 225 km. (139.8 mi.)
H = 18 47 24.7

*****(December 18)*****

Fordham

iP_2 21 01 25
iS_2 49

Dist. = 206 km. (128.0 mi.)
H = 21 00 52.4

*****(December 21)*****

Weston

iP_1 15 13 09.5
iS_1 28.7

Dist. = 152 km. (94.4 mi.)
H = 15 12 44.7

*****(December 22)*****

Weston

iP_1 14 34 13
iS_1 29.3

Dist. = 129 km. (80.1 mi.)
H = 14 33 52

*****(December 22)*****

Fordham

iP_2 19 27 12
iS_2 36

Dist. = 206 km. (128.0 mi.)
H = 19 26 39.4

*****(December 22)*****

Fordham

iP_2 20 15 07
iS_2 29

Dist. = 188 km. (116.8 mi.)
H = 20 14 37.1

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

Fordham

iP_2 18 16 20
iS_2 47

Dist. = 234 km. (145.4 mi.)
H = 18 15 43.3

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

Weston

iP_1 16 14 02.6
iS_1 18.7

Dist. = 127 km. (78.9 mi.)
H = 16 13 42.0

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

Weston

iP_1 22 38 51.5
iS_1 39 08.4
Another with iP_1 22 40 43.4

Dist. = 134 km. (83.3 mi.)
H = 22 38 29.7

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

Ottawa

P_2 20 25 09.5
S_2 26.5

Dist. = 150 km. (93.2 mi.)
H = 20 24.8

*****(December 29)*****

Weston

eP_1 19 24 49
iS_1 25 09.3

Dist. = 161 km. (100.0 mi.)
H = 19 24 22.8

*****(December 29)*****

Fordham

iP_1 22 27 39
iS_1 53
Another with iP_1 at 22 53 33

Dist. = 114 km. (70.8 mi.)
H = 22 27 20.4

*****(December 30)*****

eP_1 19 20 42
eS_2 58

Dist. = 130 km. (80.8 mi.)
H = 19 20 20.9

J. I. Monagle, S.J.