

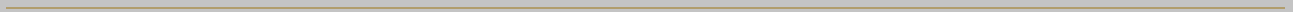
A STUDY OF NEW ENGLAND SEISMICITY
Quarterly Earthquake

, %7cbWcfXFcUX
K YghcbzA 5 \$&(- '

NEW ENGLAND SEISMIC NETWORK

John E. Ebel, Principal

Dep



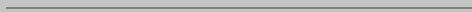
personnel is given in Table 1. There were 12 earthquakes that occurred within or near the network during this reporting period. Phase information for these earthquakes is included in this report.

[Return to Table of Contents](#)

Current Net

- 0 = full weight (1.0)
- 1 = 0.75 weight
- 2 = 0.50 weight
- 3 = 0.25 weight
- 4 = no weight (0.0)

- 8. HRMN = hour and minute of phase arrival
- 9. SEC = second of phase arrival
- 10. TCAL = calculated travel time of phase in seconds



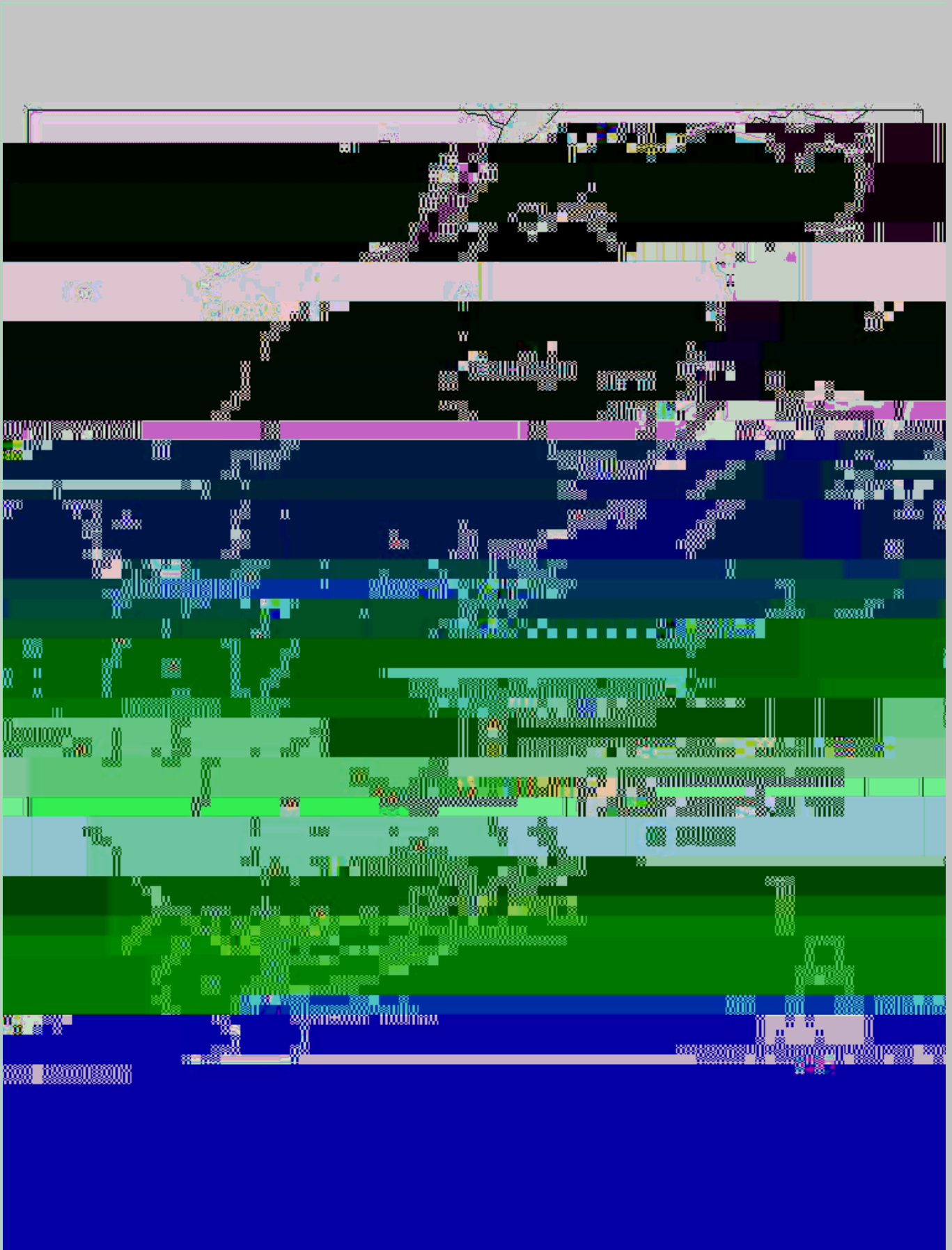


Figure 1: Map of stations of the New England Seismic Network (NESN) in operation during the period of this report. Also included are other Northeast U.S. and Canadian seismic stations in operation during this period.

[Return to Table of Contents](#)

NESN Strong-Motion Station Map

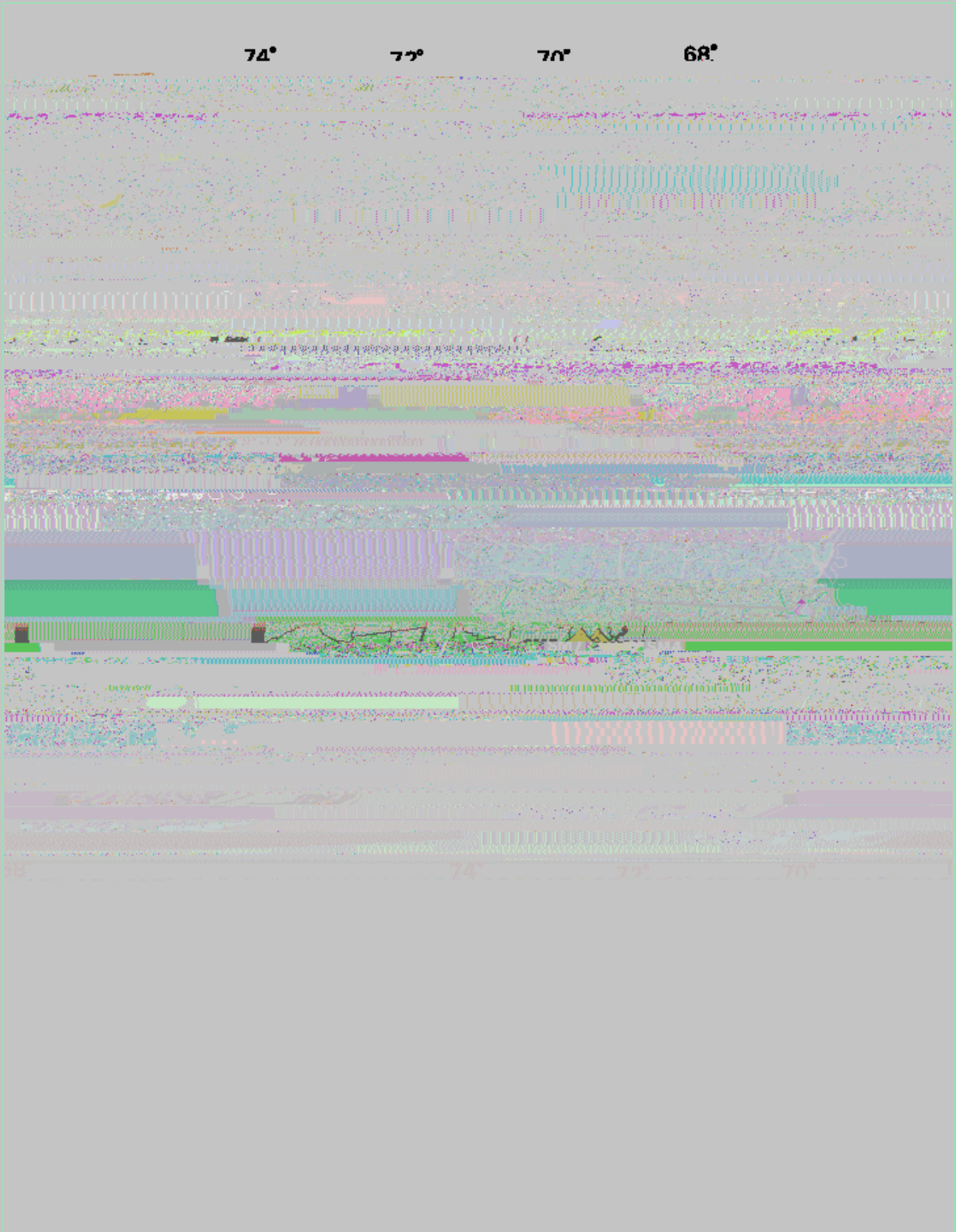


Figure 2: Map of strong-motion stations of the New England Seismic Network (NESN) in operation during

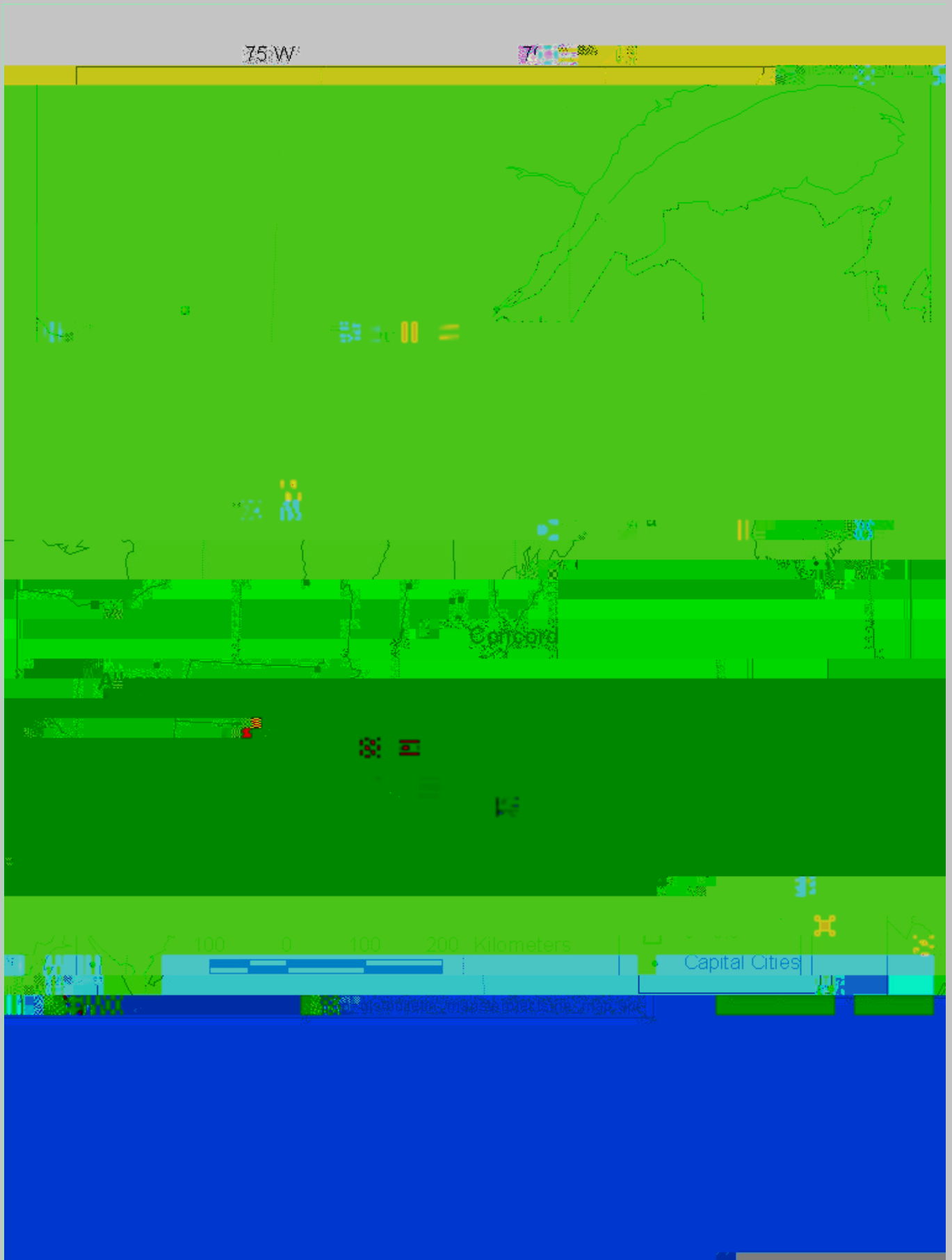
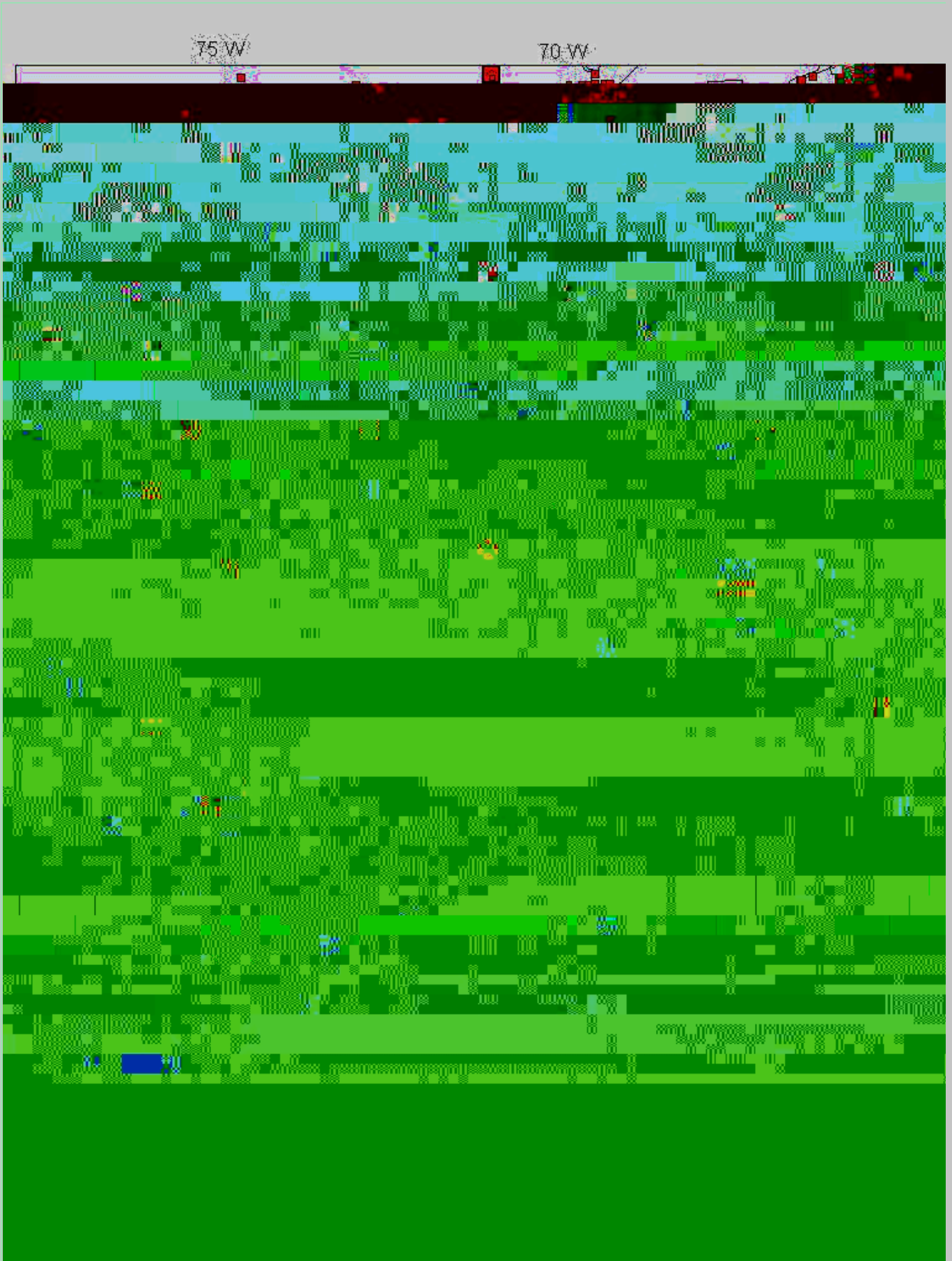


Figure 3: Earthquake epicenters located by the NESN during the period of this report.

[Return to Table of Contents](#)

NESN Cumulative Seismicity Map



:][i fY (: 'GY]ga]V]mZc'f'dYf]cX'CWtcVYfz'%- +) '! '8YWa VYfz'&\$\$) "

[Return to Table of Contents](#)

Acknowledgments

Our map database has been developed in-house using ArcView and in part basemap data provided by ESRI, Inc., USGS TOPO30 Elevation Data, and TIGER/Line '94, '95, and '97 (US Census Bureau) spatial data.

References

Chaplin, M.P., Taylor, S.R., and Toksöz, M.N. (1980), A coda length magnitude scale for New England, *Journal of Geophysical Research* 85: 15-22.

Ebel, J.E. (1982), M_L measurements for northeastern United States earthquakes, *Journal of Geophysical Research* 87: 1367-1373

Updated: July 12, 2011
Maintained by: Weston Observatory

[Accessibility](#) | [Contact](#) | [Feedback](#)
© 2017 The Trustees of Boston College. [Legal](#)