

Hazard Extent Scales

| Hazard | Subcategory | Scientific Scale | Link |
|----------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FEMA Region 1 – “Good Practice” | Description of type, location, and EXTENT of all natural hazards that can effect each jurisdiction | A document with a summary of several natural hazards links and narrative | http://www.mass.gov/eopss/docs/mema/resources/mitigation/good-practice-guide-requirement-b1.pdf |
| Dam Failure | | National Dam Safety Program hazard classifications | http://www.damsafety.org/media/Documents/PDF/fema-333.pdf |
| Drought | | U.S. Drought Monitor Scale | https://www.ncdc.noaa.gov/monitoring-references/dyk/drought-legend |
| | | Palmer Drought Severity Index | http://www.cpc.ncep.noaa.gov/products/monitoring_and_data/drought.shtml |
| | | Standardized Precipitation Index | https://www.ncdc.noaa.gov/oa/climate/research/prelim/drought/spi.html |
| Earthquake | | Modified Mercalli Intensity Scale | http://earthquake.usgs.gov/learn/topics/mercalli.php |
| | | Richter Scale | https://earthquake.usgs.gov/learn/topics/measure.php |
| | | Shakemap | http://earthquake.usgs.gov/data/shakemap/ |
| Erosion | Coastal Erosion | Erosion rate (feet/year) | https://www.fema.gov/pdf/library/erosion.pdf |
| | Sea-Level Rise | National Assessment of Coastal Vulnerability to Sea Level Rise | http://woodshole.er.usgs.gov/project-pages/cvi/ |
| Extreme Temperatures | | Wind Chill Index | http://www.nws.noaa.gov/om/winter/windchill.shtml |
| | | Heat Index | http://www.nws.noaa.gov/om/heat/heat_index.shtml |
| Flood | | 100-year floodplain definition and location | https://msc.fema.gov/portal |
| | | Depth grids | https://www.fema.gov/media-library-data/1406747117357-744b6bd203c18ada4806ad4e90c18b81/Flood_Depth_and_Analysis_Grids_Guidance_May_2014.pdf |
| Hurricane | | Saffir-Simpson Hurricane Wind Scale | http://www.nhc.noaa.gov/aboutsshws.php |
| Landslide | | Landslide incidence | http://landslides.usgs.gov/hazards/nationalmap/ |
| | | Acreage of events | |
| Radon | | Picocuries Per Liter pCi/L | https://sosradon.org/node/130 |
| Severe Weather | Nor'easter | Beaufort Wind Scale | http://www.spc.noaa.gov/faq/tornado/beaufort.html |
| | | Regional Snowfall Index | https://www.ncdc.noaa.gov/snow-and-ice/rsi/ |
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| | High Winds | Beaufort Wind Scale | http://www.spc.noaa.gov/faq/tornado/beaufort.html |
| | Thunderstorm | Rainfall per duration | http://hdsc.nws.noaa.gov/hdsc/pfds/ |
| | Downbursts | Wind gusts | http://www.weather.gov/cae/downburst.html |
| | Lightning | Lightning strikes | https://www.ncdc.noaa.gov/data-access/severe-weather/lightning-products-and-services |
| | Tornadoes | Enhanced Fujita Scale | http://www.spc.noaa.gov/faq/tornado/ef-scale.html |
| | Hail | Hailstone size | |
| TORRO Scale | | | http://www.torro.org.uk/hscale.php |
| Tsunami | | Integrated Tsunami Intensity Scale | https://www.researchgate.net/publication/258761511_A_Proposal_for_a_New_Integrated_Tsunami_Intensity_Scale_ITIS-2012 |
| Wildfire | | Acres burned | |
| | | Northeast Wildfire Risk Assessment | https://www.na.fs.fed.us/fire/pubs/northeast_wildfire_risk_assess10_hr.pdf |
| | | Fireline Intensity | http://www.fs.fed.us/rm/pubs/rmrs_gtr253.pdf |
| | | NWCG Size Class | http://www.nwcg.gov/term/glossary/size-class-of-fire%C2%A0 |
| Winter Storm | Ice Storm | Sperry-Piltz Ice Accumulation Index | http://www.spia-index.com/ |
| | Blizzard | Regional Snowfall Index | https://www.ncdc.noaa.gov/snow-and-ice/rsi/ |
| | | Snowfall per duration | |