



610 Series Templates

EWD | EMERGENCY WARNING DISSEMINATION CRS 612.b

Points: Up to 75 Points



To achieve CRS points in any 610 category:

- 1st – For coastal communities, the Governing Body must adopt a municipal resolution adopting the Monmouth County Coastal Evacuation Plan (-see *Sample Resolution Provided*)
- 2nd - Make certain to perform an annual exercise (table top, functional, or full scale) or actual occurrence as documented on a FEMA exercise report 95-44 (-see *611.b(4)(d)(v) below*) prior to submission
- 3rd - 611.b Activity Credit Criteria (-see *below*)
- 4th – Submit the 610 Checklist with the required documentation

Recommended Action: Update your local Flood Response Operations Plan to include all ten EWD categories or as many as possible. Explore shared services with adjacent municipalities that could provide some of these services.

Credit Points

Sum of the following ten EWD subcategories

Your Flood Warning and Response Plan should include...

EWD1	10 points	Pre-scripted messages or templates guidance for staff to quickly issue warnings.
EWD2	10 points	Include information on expected inundation levels and instructions when to evacuate.
EWD3	10 points	Outdoor sirens used and cover community jurisdiction.
EWD4		Either a or b (-see <i>below</i>)
	5 points	a) Identifies primary and support agencies responsible for door to door/mobile public address warning; or
	15 points	b) Same as above plus identifies routes, procedures, staff, and necessary equipment.
EWD5	10 points	If Emergency Alert System with pre-scripted draft messages is used (activation through Monmouth County OEM)
EWD6	15 points	If telephone warning or enhanced telephone notification is used (e.g. reverse 911, Code Red, Nixel, etc.)
EWD7	10 points	If television broadcast or message scroll notifications are used (refer to local public access channel and/or Cable Company).
EWD8	15 points	Uses other notifications for warning such as geocoded alert notification projects and/or social media coordination (e.g. am radio activation).
EWD9	10 points	Tone alert radios or NOAA alert radios provide a system of notification to or schools, hospitals or nursing homes.
EWD10	10 points	Flood inundation maps or evacuation maps or series of maps used to meet credit criteria in 611.a are posted online (-may refer to Monmouth County GIS and OEM websites)

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612.b Credit Criteria for FTR: FLOOD THREAT RECOGNITION

Refer to the 610 Checklist and CRS Coordinator's Manual for details on how to satisfy these criteria.

- (1) The activity credit criteria in Section 611.b must be met (*-see below*)
- (2) The warning must reach people in a timely manner (e.g. sirens, route alerting, loudspeakers, public address systems, reverse 911, TV broadcasts, tone alert or NOAA radios, text and phone alerts, message boards, social media, etc.)
- (3) Specialized warning equipment must be tested annually.

611.b Activity Credit Criteria (required)

Refer to the CRS Coordinator's Manual for details

- (1) The community must obtain at least some credit in the first four flood warning and response elements (FTR, EWD, FRO, and CFP) to receive any credits for this activity.
- (2) The community must have a description of its flood hazard including:
 - a) Nature of the community's flood hazard (specific and local) including flood depths, velocities, warning times, historical flood problems, and special flood-related hazards
 - b) Inventory of the buildings by type exposed to flooding including an inventory of the land use of both developed and undeveloped places within the affected areas (*-see 4(d)(ii)*)
 - c) Inventory of critical facilities and the expected impacts of flooding on health and safety, community functions (e.g. police and utilities), and potential for secondary hazards (*-see 4(d)(iii)*)
- (3) Flood inundation map also known as flood stage forecast map showing at least three different levels of anticipated flooding.

Note: Coastal communities may use the County Evacuation Map as their flood inundation map. Inland (non-coastal) communities can work with the county on creating similar local inundation maps. Specific evacuation tasks/missions must correspond to various flood level events as represented on the flood inundation map.

- (4) A Flood Warning and Response Plan as adopted by the governing body or by an office that has been delegated approval authority:
 - a) Describe the methods and warning devices used to disseminate information to the public under the EWD (612.b) (*-see local EOP for FRO*)
 - b) Include specific flood response actions taken at different flood level events that are credited under FRO (612.c) (*-see local EOP for FRO*); and
 - c) FRO has to be adopted by the governing body or an office that has been delegated by the governing body. (*-see local EOP for FRO*)
 - d) The Flood Warning Response Plan must be adopted by the governing body of the individual community seeking CRS credits.
 - (i) County Evacuation Plan Map for the municipality may be used to satisfy this condition

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(ii) The county can assist the community in providing the number of structures used in calculation the sums in the bSFHA (Special Flood Hazard Area), bFTR (Flood Threat Recognition), bEWD (Early Warning Dissemination), and bFRO (Flood Response Operations).

(iii) A list of all public and private critical facilities in the community along with the contact names/phone numbers/ contact info to be updated annually.

(iv) The community must provide the adopted definition of critical facilities.

(v) The community must provide verification that it participated in a drill/exercise or actual activation in the past 12 months.

(vi) The community must provide verification that systems used for credit under EWD have been tested in the past 12 months.

(5) Implement one or more outreach projects explaining to business and residents how they will be warned and safety measures they should take during a flood event.

- Refer to the CRS Coordinator's Manual for examples of acceptable outreach activities (-see 5.a through 5.e)

(6) There must be at least one exercise and evaluation of the Flood Warning and Response Plan each year that is compliant with the National Incident Management System (-see crossover with 4.1)

Documentation for EWD

Refer to checklist at www.CRSResources.org/600 and CRS User Manual for details in satisfying documentation requirements.

For the five-year verification visit...

- Copy of Flood Warning Response Plan marked up to show where EWD credited items appear
- Copies of written warning materials (handouts) or flood inundation map (EWD 10)
- Copies of pre-scripted messages (the county can provide towns with sample pre-scripted messages for use with their EOP)
- Impact adjustment map with siren locations and coverage areas
- Description of publicly owned warning system or copy of contract with a private vendor
- Documentation of community-operated TV channel or cable TV agreement and override procedures
- Description of the capability and use of other forms of public notification (refer to EWD 6, 8, 9)
- Description of flood exercise and AAR (after action review) or lessons learned

For the five-year verification visit and annual recertification...

- Documentation and description of the annual flood event exercise, drill, or actual event including conditions, actions, who participated, lessons learned, and any recommended changes to the system. Use FEMA exercise report 95-44. (-see link below)

Links

610 Checklist: <https://crsresources.org/files/600/610-documentation-checklist.docx>

FEMA Exercise Report 95-44: https://www.pdfFiller.com/en/project/151415521.htm?f_hash=21dfc3

CRS Activity 610- Flood Warning and Response Video: <https://www.youtube.com/watch?v=gbtsp4qBad8>

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