Storm*Ready*

Organization and Operations Manual

(Revised July 9, 2003)

StormReady_® Organization and Operations Manual

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Section 1.0
Introduction

Some 90% of all presidentially declared disasters are weather related, leading to around 500 deaths per year and nearly $14 billion in damage. A tsunami would create a tremendous risk to life and property for coastal communities. To help Americans guard against the ravages of severe weather and potential tsunami damage, the National Weather Service (NWS) has designed StormReady and TsunamiReady programs aimed at arming America's communities[1] with the communication and safety skills necessary to save lives and property. StormReady encourages communities to take a proactive approach to improve local hazardous weather operations and public awareness. Although StormReady and TsunamiReady are slightly different, a community that meets the guidelines for TsunamiReady most likely also meets StormReady guidelines.

Section 1.1
StormReady Overview

Many laws and regulations exist to help local emergency managers deal with hazardous material spills, search and rescue operations, medical crises, etc., but there are relatively few uniformly-recognized guidelines that address dealing with the specifics of hazardous weather response operations. The NWS recognized this need and designed StormReady – a program to help communities and counties implement procedures to reduce the potential for disastrous, weather-related, consequences. StormReady helps communities attain a new level of preparedness and mitigation awareness for extreme weather-related events. StormReady communities have a strong commitment to putting in place infrastructure and systems that will save lives and protect property when hazardous weather strikes.

By participating in StormReady, local agencies can earn recognition for their jurisdiction by meeting guidelines established by the NWS in partnership with federal, state, and local emergency management professionals. The StormReady program is intended to:

- ▸ Improve the timeliness and effectiveness of hazardous weather warnings for the public.
- ▸ Provide detailed and clear recommendations by which local emergency managers may establish/improve effective hazardous weather operations.
- ▸ Help local emergency managers justify costs and purchases related to supporting their hazardous weather-related program.
- ▸ Reward local hazardous-weather mitigation programs that have achieved a desired performance level.
- ▸ Provide a means of acquiring additional Community Rating System points assigned by the National Flood Insurance Program (NFIP).
- ▸ Provide an "image incentive" to counties, cities, and towns that can identify themselves as being StormReady .
- ▸ Encourage better hazardous weather preparedness programs in jurisdictions surrounding StormReady communities and counties.

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[1]The StormReady program defines "community" as a group of people within a locality that have common social and economic interests with an infrastructure that supports the communication and education role of the National Weather Service to protect lives and property. References to "community" in this document includes cities, towns, universities, Indian Nations, and government and private entities. References to "county" includes parish.

StormReady is a voluntary program, and is offered to provide guidance and incentive to officials who want to improve their respective hazardous weather operations. *NOTE: Implied or explicit references to "requirements" are made only with regard to the voluntary participants in the StormReady program and should not be construed as being state or federal mandates.*

Section 1.2
TsunamiReady Overview

Tsunamis are quite rare compared to hazardous weather events in the United States. As a result, tsunami hazard planning along the U.S. West Coast, Alaska, and within the Pacific Region (Hawaii, American Samoa, Guam, the Republic of Palau, the Federated States of Micronesia, and the Republic of the Marshall Islands) is inconsistent and, in many cases, insufficient. Even in locations with a history of deadly tsunamis, an adequate level of awareness and preparedness is difficult to achieve and sustain over time. The TsunamiReady program was created to help meet the needs of communities that are at risk of tsunamis.

Due to the similarities in the awareness and preparedness practices (communications, warning reception and dissemination, public education, etc.) in the severe weather and tsunami programs, the guidelines for becoming a TsunamiReady community mirror those of StormReady with a few important exceptions and additions. For example, a TsunamiReady community must have defined evacuation routes that lead to a designated shelter outside of the hazard zone. (See Appendix C). Communities that apply for TsunamiReady recognition should be encouraged to strive for StormReady status as well.

The TsunamiReady program is designed to educate local emergency management officials and their constituents, and to promote a well-designed tsunami emergency response plan for each community. TsunamiReady promotes tsunami hazard preparedness as an active collaboration among federal, state, and local emergency management agencies. This collaboration supports greater and more consistent tsunami awareness and mitigation efforts among communities at risk.

The TsunamiReady program is intended to:

- ▸ Improve the timeliness and effectiveness of tsunami warnings for the public.
- ▸ Provide detailed and clear recommendations by which local emergency managers may establish/improve effective tsunami emergency operations.
- ▸ Help local emergency managers justify costs and purchases related to supporting their tsunami preparedness program.
- ▸ Increase public awareness and understanding of the tsunami hazard.
- ▸ Encourage consistency in educational materials and response among communities and states.
- ▸ Reward local tsunami hazard mitigation programs that have achieved a desired performance level.
- ▸ Provide an "image incentive" to coastal counties, cities, and towns that can identify themselves as being TsunamiReady.
- ▸ Encourage better tsunami preparedness programs in jurisdictions surrounding the TsunamiReady Communities and Counties.

TsunamiReady is a voluntary program offered to provide guidance and incentive to officials interested in improving their respective tsunami hazard operations. *NOTE: Implied or explicit references to "requirements" are made with regard to the voluntary participants in the TsunamiReady program and should not be construed as being state or federal mandates.*

Section 2.0

Advisory Board Organization

Advisory Boards implement and oversee the StormReady and TsunamiReady programs. Advisory Boards are set up on a national, regional, and local basis.

Section 2.1

National StormReady Advisory Board

The National StormReady Advisory Board is responsible for general oversight of the StormReady and TsunamiReady programs. The National Board maintains a minimum set of guidelines that is consistent across the country. The Board reviews existing and proposed guidelines at its annual meetings, and publishes updated guidelines as needed. The National StormReady Advisory Board includes:

> -NWS Warning Coordination Meteorologist (WCM) Program Leader (NWSH)
> -NWS Eastern Region WCM Program Leader
> -NWS Southern Region WCM Program Leader
> -NWS Central Region WCM Program Leader
> -NWS Western Region WCM Program Leader
> -NWS Alaska Region WCM Program Leader
> -NWS Pacific Region WCM Program Leader
> -President (or designee) of the National Emergency Management Association
> -President (or designee) of the International Association of Emergency Managers

Section 2.2

Regional StormReady Advisory Board

Each of the NWS's six regional offices have Regional StormReady Advisory Boards. The Western, Alaska and Pacific regions have TsunamiReady Advisory Boards. The Regional Director determines team membership. Regional StormReady Advisory Boards monitor the activities of local boards and ensure the national guidelines are maintained. Regional boards also collect and review proposed guideline changes received from Local StormReady Advisory Boards. Recommendations for change to the national guidelines are forwarded to the National StormReady Advisory Board for consideration.

Section 2.3

Local StormReady Advisory Boards

Local StormReady Advisory Boards can enhance the programs to fit local and state situations. Local Advisory Boards may be set up either on a WFO or statewide basis. Each local board consists of at least:

      1 - NWS office Meteorologist in Charge

      1 - NWS office Warning Coordination Meteorologist

      1 - State emergency management agency director or designee *

      1 - Local emergency management association president or designee*

* One per state if local board is WFO-based with multi-state responsibility.

The local board oversees all steps leading to the recognition of the StormReady and/or TsunamiReady community or county. This includes developing bylaws for the board's activities, enhancing the national guidelines for the local area, establishing procedures for verification visits, and implementing procedures for application review.

The appropriate local StormReady Advisory Board with at least one additional member – the Tsunami Warning Center's Geophysicist In Charge – provides oversight of the TsunamiReady program at the local level. The Local StormReady board has authority to enhance TsunamiReady to fit local and state situations.

The local board is responsible for all steps leading to the recognition of the TsunamiReady community. This includes implementing procedures for site verification visits and application review.

Section 3.0

The Application Process

Application for StormReady and/or TsunamiReady recognition is a formal process requiring a completed application, verification visit(s), local board action, and recognition.

Section 3.1

Written Application

Electronic versions (PDF, MS Word and Word Perfect) of the StormReady and the Combined StormReady/TsunamiReady applications are available on the StormReady (www.stormready.noaa.gov) and TsunamiReady (www.tsunami.gov) Web sites. The local or county official applying for StormReady or TsunamiReady recognition can download and complete the application, print the application, sign it, and send it to the appropriate NWS office.

Section 3.2

On-line Application

To apply for StormReady recognition electronically, an applicant must access the URL (http://www.stormready.noaa.gov/apply.htm) and click on "Apply On-Line", complete the on-line application, and submit it electronically. The completed form is databased and a notification message will be sent to an assigned office contact (normally the WCM or StormReady Focal Point). The local WFO can then view and print the application. The applicant can also print the submitted form directly after they have sent it.

If you want to use the on-line application form, you need to:

▸ Provide your Emergency Managers and other StormReady applicants with the URL.

▸ Send Todd Shea (todd.shea@noaa.gov), your local WFO contact information (i.e., WCM or StormReady Focal Point e:mail address). Only one e-mail address per WFO Please!

▸ Review the counties that are listed under your local WFO ID (upper left on form). The database that was used for this form was not originally designed for this purpose and DOES have some differences. The on-line forms designers will fix any errors as they are brought to their attention, but thought it would be easiest for each WFO to check the counties within their own respective CWA. Please e-mail any county listings changes to Todd Shea.

*Note: The on-line application must be configured with your local contact information **BEFORE** an applicant will be able to use it properly. Please be sure to e:mail Todd Shea with the required information before attempting to use this application.*

Section 3.3

Application Submission

Applications must be sent to the appropriate NWS office. Some applicants will have jurisdiction over both a community and the unincorporated areas of the surrounding county. In these cases, a single application is sufficient, with the combined populations used to determine the appropriate guideline categories. If a community earns StormReady recognition, the unincorporated communities are involved in the recognition but do not get individually recognized.

While much of the application is a basic accounting of technology, a brief narrative describing aspects of preparedness and planning activities is necessary and will help assess such things as the hazardous weather plan, exercises and public safety programs.

Section 3.4

Application Review

A StormReady Board member will review the Application/Verification Form (Appendix B for StormReady; Appendix C for TsunamiReady and/or combined StormReady/TsunamiReady) to ensure that the appropriate set of guidelines are met. If the application indicates that these

qualifications are not met, the NWS will notify the applicant about changes that need to be made to meet the guidelines After these changes are made, the applicant should send an updated application for additional review.

Once it appears the Population-Based Guidelines are met, the local StormReady Advisory Board will provide each board member with a copy of the completed application. The StormReady Chairperson will assign a team to visit the applicant to verify the qualifications on the application and to formally discuss the application as necessary.

Section 3.5

StormReady/TsunamiReady Verification Visit

The StormReady Chairperson will assign a verification team of no less than two members to visit an applicant. The verification team should include, at a minimum, one NWS person and one emergency manager. StormReady/TsunamiReady verification team members should be StormReady Advisory Board members, or other individuals deemed qualified by the local board to make an assessment .

During the site verification visit, the verification team member(s) will check off the "Verif" boxes listed in each Guideline on the StormReady application, for each item that the applicant has in their Emergency Operations Center and/or 24 hour warning point. During the site visit, the verification team should visit both the 24 hour warning point and Emergency Operations Center to:

1. Verify listed equipment from application;
2. Confirm suitable location of equipment; and
3. Confirm readiness of equipment.

During the StormReady site visit, the team will also review the applicant's hazardous weather plan. This review may require the applicant to explain procedures to ensure that the content meets StormReady Guidelines. A full copy of the applicant's Hazardous Weather Plan does not need to be submitted to the StormReady Advisory Board; however, the verification team may request a copy for further offsite review.

During a TsunamiReady site visit, the team will review the applicant's Tsunami Hazard Response Plan. This review may require the applicant to explain procedures to ensure that the content meets TsunamiReady Guidelines. A full copy of the applicant's Tsunami Hazard Response Plan does not need to be submitted to the StormReady Advisory Board; however, the verification team may request a copy for further offsite review.

After the site visit, the verification team will send the completed Application/Verification Form and any additional comments or documentation deemed pertinent, to the Local Advisory Board.

Section 3.6

StormReady Advisory Board Review

The Local StormReady Advisory Board will review a jurisdiction's application and associated site visit summaries at the Board's next meeting. The local StormReady Advisory Board may approve an application for recognition after this first review. If the recognition is not approved, the Board will provide guidance improvements needed to achieve recognition. If a community disputes a decision made by the local advisory board, the dispute will be forwarded to the Regional StormReady Advisory Board for resolution.

Section 3.7

StormReady Recognition

The NWS recognizes communities that have established outstanding severe weather and tsunami preparedness plans. StormReady recognition requires the community to have:
- ▸ a 24-hour warning point and an emergency operations center staffed during severe weather
- ▸ redundant methods of monitoring weather conditions, receiving severe weather warnings from the NWS, and disseminating warnings
- ▸ trained severe storm spotters and established communications with the NWS
- ▸ educational outreach programs for the community, and
- ▸ tone-activated NOAA Weather Radio receivers in public buildings (if broadcast is available)

TsunamiReady recognition requires the community to have:
- ▸ a 24-hour warning point and an emergency operations center staffed during tsunami events
- ▸ redundant methods of receiving tsunami bulletins from the NWS and disseminating warnings to their community
- ▸ an awareness program that includes organized drills, outreach, and written information provided to the public
- ▸ tsunami evacuation areas and evacuation routes marked with signs and designated tsunami shelters/areas outside of the hazard zone
- ▸ a tsunami warning plan
- ▸ tone-activated NOAA Weather Radio receivers in public buildings (if broadcast is available)

Section 3.8

The Recognition Process

When the StormReady Advisory Board determines an applicant has met the guidelines, it can grant StormReady and/or TsunamiReady recognition to the applicant. The local boards will notify the Regional Advisory Board of each recognition they grant. The appropriate Meteorologist in Charge will send a formal notification letter. The letter should include authorization to use the StormReady logo, instructions for acquiring additional signs (Section 7.5), and information on how to notify the National Flood Insurance Program for possible adjustment to insurance rates (Section 4.0).

Once a community has been recognized, notify Donna Franklin via e-mail (donna.franklin@noaa.gov). The e-mail should include: name of community, recognition date, ceremony date, type of signs requested (county or community), WFO organization code, and WFO address and phone number. Donna will send two official 2x2' aluminum StormReady and/or TsunamiReady signs and date stickers to the WCM, update the national StormReady database, and add the community to the National StormReady Web site.

Recognition is granted for a period of three years from the date the letter of recognition is signed by the Meteorologist in Charge of the local Weather Forecast Office.

Section 3.9

Recognition Ceremony

Details of the recognition announcement and ceremony will be coordinated between the applicant and the NWS office which has responsibility for the community or county. Many NWS offices also enlist the help of their regional Public Affairs offices to help prepare press releases, ceremony invitations and coordination of activities.

A typical ceremony includes a formal media announcement and should be a combination of the unveiling of the official StormReady and/or TsunamiReady signs, a certificate of recognition and a subsequent press conference. (Appendix D has more details and examples of recognition materials.)

Section 4.0

National Flood Insurance Program

Recognized jurisdictions participating in FEMA's National Flood Insurance Program (NFIP) may be eligible to receive 25 Community Rating Points towards lowering flood insurance rates. StormReady communities/counties should forward a copy of their recognition letter to their NFIP representative for details. More information on the NFIP and the Community Rating System is at: www.fema.gov/nfip/crs.shtm

Section 5.0

Recognition Monitoring

A formal plan to monitor a recognized jurisdiction is not necessary; however, if a formal concern is brought to the StormReady Advisory Board, the local board will review the concern and may suspend the recognition for 60 days while a review is conducted.

If the local board review indicates the community or county no longer meets StormReady guidelines, it will request the official StormReady and/or TsunamiReady signs be removed. A written notification will be made to the NFIP informing them of the action.

Section 6...0

Renewal Process

StormReady/TsunamiReady recognitions are valid for three years from the date of the recognition letter signed by the Meteorologist in Charge of the appropriate NWS local office. Six months prior to the expiration of the recognition, the Local StormReady Advisory Board should notify recognized jurisdictions in writing of their need to re-apply. Applicable guidelines will be those published at the time of the notification.

The Local StormReady Advisory Board seeks to maintain an atmosphere of constant improvement by keeping the evaluation guidelines representative of advancing technology and techniques.

Section 6...1

First Time Renewal

For a first time renewal, the Meteorologist in Charge or designee will send a letter informing the community of the upcoming renewal date. The letter will include a copy of the original Application and ask that the appropriate local official review the application and certify that it is still accurate The local official should also provide any new information/technology that has been added since the initial application was signed.

A first time renewal may be completed by utilizing the "Signature in Renewal Year" Section on the *original* StormReady and/or combined StormReady/TsunamiReady application. It is not necessary for a jurisdiction to complete and submit a new application for a first time renewal. Once the appropriate official signs the application and returns it to the NWS local office, the renewal will become effective for 3 years from the *original* recognition date.

Notify Donna Franklin (donna.franklin@noaa.gov) once the Board has renewed a community. Donna will update the national database and send new date stickers to the WCM.

Section 6.2

Subsequent Renewals

Subsequent renewals require the community to go through the entire application process again. This helps to ensure that equipment is in place and updated, contact information is accurate, and allows for improvements to be made to the program using technological advances in communications and warning dissemination.

The Meterologist in Charge or designee will send a letter informing the community of the upcoming renewal date and directing them to the latest information on StormReady/TsunamiReady guidelines and applications.

Notify Donna Franklin (donna.franklin@noaa.gov) once the Board has renewed a community. She will update the national database and send new date stickers to the WCM.

Section 7.0

StormReady Community Hero Award

The Storm/TsunamiReady Community Hero Award is a special recognition award that may be presented to communities that have been designated Storm/TsunamiReady. The award is designed to formally recognize those communities in which a life/lives have been saved as a direct result of the NWS Storm/TsunamiReady program.

1) Guidelines:

   a) Award consideration will take place on a case-by-case basis.

   b) The award may be given to one single individual or to several people within a community.

   c) The affected community should be designated as Storm/TsunamiReady by their Local Storm/TsunamiReady Advisory Board prior to the weather event occurring.

   d) A life/lives must be saved as a direct result of a NWS Warning (i.e., tornado, tsunami, flash flood, etc). The life/lives that are saved should be a result of the proper application of the Integrated Warning Process. This includes the proper detection of the weather hazard, the proper reception of the NWS Warning, and the proper dissemination of the warning by emergency officials to the community.

   e) There needs to be clear and unambiguous evidence of a proactive action which took place by the people in the community that saved life/lives.

   f) If there is a loss of life, a community may still be eligible for the award as long as there have been other life/lives saved as a direct result of the Storm/TsunamiReady program. Note: NWS personnel need to remain sensitive to communities that are rebuilding and have lost lives.

2) Protocol:

   a) Severe weather event occurs.

   b) Local WCM thinks that the affected community may be eligible for the award and prepares a nomination based on the award guidelines.

   c) Local WCM forwards the nomination to their respective Regional WCM.

   d) Regional WCM reviews event. If the event appears to meet the proper guidelines, the Regional WCM sends the nomination to the National WCM Program Manager.

   e) National WCM Program Manager forwards the nomination to the National Storm/TsunamiReady Advisory Board for consideration.

   f) If guidelines are properly met, the affected community will be presented with the award.

3) Ceremonies:

   a) The award presentation ceremony will generally be a high profile media event. Close collaboration between NWS/NOAA Public Affairs, affected Regional Public Affairs/Office, and local NWS Office should occur to arrange the ceremony.

   b) A framed certificate(s) will be presented to the proper community official(s) at the award ceremony. The certificate/plaque should generally read: "StormReady Community Hero Award - For implementing a successful StormReady program that directly led to saving "insert number of lives" lives during the "insert weather event and date.""

c) The top NWS/NOAA key note speaker and presenter at the award ceremony will generally be determined by NWS/NOAA Public Affairs.

Section 7..1

StormTsunamiReady Local Achievement Awards

The Storm/TsunamiReady Local Achievement Award is designed to recognize those counties or communities in which lives and/or property have been saved or protected as a direct result of the Storm/TsunamiReady program. This award may only be given to entities who have already received Storm/TsunamiReady recognition.

1) Community Hero Award vs. Local Achievement Award:

a) The Storm/TsunamiReady Community Hero Award is a special national level recognition award that may be presented to counties/communities that have been recognized as Storm/ TsunamiReady. The award is designed to formally recognize those communities in which a life/lives have been saved as a direct result of the Storm/TsunamiReady program. This award is reserved for high profile events that are deemed to be "significant" with respect to saving lives and protecting property.

b) The National StormReady Advisory Board realizes that there will be many instances in which the Storm/TsunamiReady program will play a role in preparing a county/community to effectively deal with a natural disaster. As such, these counties/communities should be recognized for their actions. However, the board does not want to diminish the value nor impact of the national level Community Hero Award. To distinguish between those events and actions that are extremely significant from those that will occur more commonly, the Local Achievement Award was developed.

2) Guidelines:

a) Award consideration will take place on a case-by-case basis.

b) The award may be given to an individual, community, or county.

c) The affected entity must have received Storm/TsunamiReady recognition

d) A life/lives must be saved as a direct result of a NWS Warning (i.e., tornado, tsunami, flash flood, etc). The life/lives that are saved should be a result of the proper application of the Integrated Warning Process and guidelines of the Storm/TsunamiReady program.

For example:

- Increased communication and/or redundant systems
- NWS information reception
- Hydrometeorological monitoring and detection
- Warning dissemination
- Preparedness and/or education by the NWS and/or Emergency Manager

e) There needs to be clear and unambiguous evidence of a proactive action which took place by the county/community to save lives and/or protect property.

f) Loss of life does not preclude reception of the award because more lives may have been lost if the county/community had not been Storm/TsunamiReady. NWS personnel need to remain sensitive to communities that are rebuilding and have lost lives.

g) Counties/communities are eligible for multiple awards (i.e., the same county/community can receive the award multiple times).

Note: Storm/TsunamiReady Community Hero Award nominations that are declined by the National StormReady Advisory Board, are automatically eligible for the Local Achievement Award.

3) Protocol:

a) Severe weather event occurs.

b) Local WCM determines county/community eligibility and prepares a nomination based on the established guidelines.

c) Local WCM forwards the nomination to their local Storm/Tsunami Ready Advisory Board for consideration and vote.

d) If the board approves the nomination, the local WCM will notify their respective Regional WCM.

e) Regional WCM will notify the National WCM Program Manager.

f) Award is presented by the local WFO MIC or designee.

4) Ceremonies:

a) Award ceremonies should include all possible media and strive to attain the highest level of public visibility.

b) Local WFO will create a framed certificate(s) which will be presented at the ceremony. The certificate should include wording similar to: "Local Storm/TsunamiReady Achievement Award - Presented to Big County USA for the successful implementation of the StormReady program which resulted in saving lives and protecting property." A national template of the certificate is available on the WCM Resource Center Web page at: http://meted.ucar.edu/resource/wcm/stormready.htm

c) The local WFO MIC will normally present the award. However, this does not preclude other NWS or NOAA personnel from making the presentation.

Section 8.0

Additional Resources

The StormReady Organization and Operations Manual and their appendices describe the basic StormReady and TsunamiReady programs. However, there are several other places to get valuable resources.

Section 8..

 StormReady Home Page

The National StormReady Website at: (www.stormready.noaa.gov) contains:

- ▸ StormReady Communities
- ▸ How to Become StormReady
- ▸ StormReady History
- ▸ StormReady Resources
- ▸ Forms and Documents
- ▸ Frequently Asked Questions
- ▸ Local and National Contact information
- ▸ "Toolkit for Emergency Managers"
- ▸ Publications and Photos

Section 8.2

The TsunamiReady Home Page

The National TsunamiReady Website at: http://wcatwc.gov/tsunamiready/tready.htm contains:

- ▸ Frequently Asked Question About TsunamiReady
- ▸ TsunamiReady Communities
- ▸ TsunamiReady Program Objectives
- ▸ Benefits of Becoming a TsunamiReady Community
- ▸ TsunamiReady Guidelines
- ▸ TsunamiReady Administration
- ▸ Full Text of TsunamiReady Document
- ▸ TsunamiReady Application
- ▸ Brochures

Section 8.3

 Resource Center

The WCM Resource Center (http://meted.ucar.edu/resource/wcm) has an entire section on StormReady. It contains the latest StormReady Operations Manual and Appendices and examples of letters, certificates, etc. It has information on how a community can order additional signs, an electronic copy of the "Toolkit for Emergency Managers" and PowerPoint presentations about StormReady that can be downloaded by WCMs.

Section 8.4

Appendix A
StormReady Population-Based Guidelines

Since the tax base typically dictates the resources applied to public programs, the guidelines for successful participation in the StormReady Program are based on population. Four population categories are used for developing appropriate recognition guidelines related to weather disaster preparedness. The population-based categories are:

Guidelines	Population			
	< 2,500	2,500 - 14,999	15,000 - 40,000	> 40,000
Guideline 1: Communications				
Established 24 hr Warning Point (WP)	X*	X*	X	X
Established Emergency Operations Center	X*	X*	X	X
Ability to relay real-time storm reports to forecast office	X	X	X	X
Guideline 2: NWS Information Reception				
Number of ways for EOC and WP to receive NWS warning, etc (If in range, one *must* be NWR)	3	4	4	4
Guideline 3: Hydrometeorological Monitoring				
Number of systems to monitor Hydrometeorological data.	1	2	3	4
Guideline 4: Local Warning Dissemination				
Number of ways for EOC and WP to disseminate warnings	1	2	3	4
NWR - SAME receivers in public facilities	X	X	X	X
Guideline 5: Community Preparedness				
Number of annual weather safety talks	1	2	3	4
Spotters and dispatchers trained biennially	X	X	X	X
Host / co-host annual NWS spotter training				X
Guideline 6: Administrative				
Formal hazardous weather operations plan	X	X	X	X
Biennial visits by emergency manager to NWS office	X	X	X	X
Annual visits by NWS official to community	X	X	X	X

* For cities or towns with less than 15,000 people, a 24-hour warning point and EOC are required; however, another jurisdiction within the county may provide that resource.

Guideline 1: Communications & Coordination Center

Effective communication is the key to disaster management. This is especially true in natural hazard emergencies (e.g. flood, wildfire, tsunami) where rapid changes may permit only short lead-time warnings that require an immediate, educated response.

1. <u>24-Hour Warning Point.</u> To receive recognition under the StormReady Program, an applying agency will need a 24-hour warning point (WP) to receive NWS information and provide local reports and advice. Typically, this is a law enforcement or fire department dispatching point. For cities or towns without a local dispatching point, another jurisdiction within the county may act in that capacity for them.

The warning point will need to have:
- ▸ 24-hour operations.
- ▸ Warning reception capability.
- ▸ Warning dissemination capability.
- ▸ Ability and authority to activate local warning system(s).

2. <u>Emergency Operations Center.</u> All agencies must have an emergency operations center (EOC). For towns and cities with less than 15,000 people, the EOC may be provided by another jurisdiction within the county. The EOC will need to be staffed during hazardous weather events and, when staffed, assume the warning point's hazardous weather functions.

The following summarizes the weather-related roles of an EOC:
- ▸ May assume weather-related duties of warning point, when staffed.
- ▸ Activated based on predetermined guidelines related to NWS information and/or weather events.
- ▸ Staffed with emergency management director or designee.
- ▸ Warning reception capability. (See guideline 2)
- ▸ Ability and authority to activate local warning system(s). Must have capabilities equal to or better than the warning point.
- ▸ Ability to communicate with adjacent EOCs/Warning Points.
- ▸ Established communications link with NWS to relay real-time weather information to support the warning decision making process.

3. <u>Real-Time Storm Reports</u>.   An integral part of the warning decision making process is timely reports of real-time weather information. StormReady communities must relay these reports to the local National Weather Service forecast office. At a minimum, these reports should include the type, location and time of significant weather events. The extent and tracking of these reports are left to the discretion of the local board.

Guideline 2: National Weather Service Warning Reception

Warning points and EOCs each need multiple ways to receive NWS warnings. The StormReady Program guidelines for receiving NWS warnings in an EOC/WP require a combination of the following, based on population:

- ▸ NOAA Weather Radio receiver with tone alert. Specific Area Message Encoding is preferred. *Required for recognition only if within range of transmitter.*
- ▸ Emergency Management Weather Information Network (EMWIN) receiver: Satellite feed and/or VHF radio transmission of NWS products.
- ▸ Statewide law enforcement telecommunications: Automatic relay of NWS products on law enforcement systems.
- ▸ Amateur Radio transceiver: Potential communications directly to NWS office
- ▸ Wireless Devises: From a provider not directly tied to a local system such as EMWIN.
- ▸ Television: Local network or cable TV.
- ▸ Local Radio (Emergency Alert System - LP1/LP2).
- ▸ National Warning System (NAWAS) drop: FEMA-controlled civil defense hotline.
- ▸ NOAA Weather Wire drop: Satellite downlink data feed from NWS
- ▸ Other: For example, active participation in a state-run warning network.

Guideline 3: Hydrometeorological Monitoring

While receipt of warnings is crucial to the success of any EOC or warning point, there should also be a means of monitoring weather information, especially radar data. To obtain StormReady recognition, each EOC/WP (based on population) should have some combination of the following recommended means of gathering weather information:

- ▸ Internet
- ▸ Television/radio
- ▸ Two-way radio
- ▸ Emergency Management Weather Information Network (EMWIN)
- ▸ Local systems for monitoring weather

Guideline 4: Warning Dissemination

Once NWS warnings are received, or local information suggests an imminent weather threat, the local emergency officials should communicate with as much of the population as possible. To be recognized as StormReady, a community must have NOAA Weather Radio in the following facilities:

Required Locations:
-24 hour warning point
-emergency operations center
-City Hall
-School superintendent office

Recommended Locations:
-Courthouses
-Public libraries
-Hospitals
-All schools
-Fairgrounds
-Parks and recreation areas
-Public utilities
-Sports arenas
-Transportation departments

In addition, recognition will be contingent upon having one or more of the following means (based on population) of ensuring timely warning dissemination to citizens:
- ► Cable television audio/video overrides.
- ► Local Flood warning systems with no single point of failure.
- ► Other locally-controlled methods like a local broadcast system or sirens on emergency vehicles.
- ► Outdoor warning sirens.
- ► *Counties Only:* A County-wide communications network that ensures the flow of information between all cities and towns within its borders. This would include acting as a warning point for the smaller towns.

Guideline 5: Community Preparedness

Public education is vital in preparing citizens to respond properly to weather threats. An educated public most likely will take steps to receive weather warnings, recognize potentially threatening weather situations, and act appropriately to those situations. Those seeking recognition in the StormReady Program will need to:

- ► Conduct or facilitate safety talks for schools, hospitals, nursing homes and industries (number of talks per year will be based on population). These may be a part of multi-hazard presentations affecting local communities/regions (e.g. flood, wildfire, tsunami)

- ► Accomplish weather-related safety campaigns which include publicity for NOAA Weather Radios where coverage exists. These may be a part of multi-hazard presentations affecting local communities/regions (e.g. flood, wildfire, tsunami)

- ► EOC/Warning point staff and storm spotters will need to attend NWS storm spotter training sessions at least every other year. All jurisdictions larger than 40,000 people will need to host/co-host a spotter training session every year.

Guideline 6: Administrative

No program can be successful without formal planning and pro-active administration. To be recognized in the StormReady Program:

> Approved hazardous weather action plans must be in place. These plans will need to address, at a minimum, the following:
> - ▸ Hazards/risk assessment
> - ▸ Warning point procedures relating to natural hazards.
> - ▸ EOC activation criteria and procedures if applicable
> - ▸ Storm spotter activation criteria and reporting procedures if applicable.
> - ▸ Storm spotter roster and training record if applicable.
> - ▸ Criteria and procedures for activation of sirens, cable television override, and/or local systems activation in accordance with state Emergency Alert System (EAS) plans.
> - ▸ Annual exercises relating to natural hazard.
>
> To facilitate close working relationships, the community/county emergency management program leader will need to visit the supporting NWS office at least every other year. NWS officials will commit to visit accredited counties, cities, and towns annually to tour EOCs/Warning points and meet with key officials.

StormReady

Community Information

County/City/Town		Population	

Primary Point of Contact		**Secondary Point of Contact**	
Name		Name	
Office		Office	
Title		Title	
Mailing Address		Mailing Address	
City		City	
State; ZIP		State; ZIP	
Phone		Phone	
e-mail		e-mail	

Guideline 1:   Communications

Location of 24-Hour Warning Point	Location of Emergency Operations Center

Verification Team General Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Guideline 2:   NWS Information Reception Equipment

Warning Point # Required_____ # Verif_____	Verif	**EOC** # Required_____ # Verif_____	Verif

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☐ NOAA Weather Radio (required if in range)	☐	☐ NOAA Weather Radio (required if in range)	☐
☐ NOAA Weather Wire (subscription)	☐	☐ NOAA Weather Wire (subscription)	☐
☐ EMWIN	☐	☐ EMWIN	☐
☐ Law Enforcement Teletype (LETS)	☐	☐ Law Enforcement Teletype (LETS)	☐
☐ Amateur Radio	☐	☐ Amateur Radio	☐
☐ Pagers* (warning reception)	☐	☐ Pagers* (warning reception)	☐
☐ Television (Local network or Cable TV)	☐	☐ Television (Local network or Cable TV)	☐
☐ Radio Station (AM/FM) - EAS Reception	☐	☐ Radio Station (AM/FM) - EAS Reception	☐
☐ NAWAS	☐	☐ NAWAS	☐
☐ Internet (subscription for alerts)_____	☐	☐ Internet (subscription for alerts)_____	☐
☐ Commercial Data Service_____	☐	☐ Commercial Data Service_____	☐
☐ Other*_____	☐	☐ Other*_____	☐
☐ Other*_____	☐	☐ Other*_____	☐

List any additional capabilities on a separate sheet

*Capabilities needing explanation:

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Guideline 3:   Local Weather & Water Monitoring Equipment

Warning Point # Required____ # Verif_____	Verif	**EOC** # Required_____ # Verif_____	Verif
☐ Anemometer (Wind gauge)	☐	☐ Anemometer (Wind gauge)	☐
☐ Rain Gauge	☐	☐ Rain Gauge	☐

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☐ River Gauge	☐	☐ River Gauge	☐
☐ Locally owned Radar	☐	☐ Locally owned Radar	☐
☐ Internet Radar Source _____	☐	☐ Internet Radar Source _____	☐
☐ Internet Weather Station _____	☐	☐ Internet Weather Station _____	☐
☐ TV Radar Source_____	☐	☐ TV Radar Source_____	☐
☐ Other* _____	☐	☐ Other* _____	☐
☐ Other* _____	☐	☐ Other* _____	☐

List any additional capabilities on a separate sheet

*Capabilities needing explanation:

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Guideline 4: Local Warning Dissemination

Warning Point	# Required____ # Verif_____	Verifi	**EOC**	# Required_____ # Verif_____	Verifi
☐ Outdoor Warning Siren(s)		☐	☐ Outdoor Warning Siren(s)		☐
☐ Cable TV Override		☐	☐ Cable TV Override		☐
☐ Plan for Sirens on Emergency Vehicles		☐	☐ Plan for Sirens on Emergency Vehicles		☐

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☐ Telephone Tree to Critical Facilities	☐	☐ Telephone Tree to Critical Facilities	☐
☐ Local Alert Broadcast System*	☐	☐ Local Alert Broadcast System*	☐
☐ Local Pager System* (dissemination)	☐	☐ Local Pager System* (dissemination)	☐
☐ Coordinated Area-Wide Radio Network*	☐	☐ Coordinated Area-Wide Radio Network*	☐
☐ Local Flood Warning System*	☐	☐ Local Flood Warning System*	☐
☐ Other*_____	☐	☐ Other*_____	☐
☐ Other*_____	☐	☐ Other*_____	☐

List any additional capabilities on a separate sheet

*Capabilities needing explanation:

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Local Government-Owned Buildings in Which Public Traffic is Common

Office	Location or Address	Tone Alert NOAA Weather Radio	Verif	Comments
Warning Point		☐	☐	
EOC		☐	☐	
City Hall		☐	☐	
School Superintendent		☐	☐	

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   Atmospheric Administration
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		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Guideline 5: **Community Preparedness**

Annual Safety Talks # Required_____ # Verif_____

	Date	Topic	Location	Speaker
1				
2				
3				
4				
5				

List any additional safety talks on a separate sheet

Department of Commerce
National Oceanic &
    Atmospheric Administration
National Weather Service

StormReady

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Weather Radio Purchase Program

Has your community/county developed a program to subsidize the purchase of Specific Area Message Encoder (SAME) equipped Weather Radios for its citizens?   (Not required) Yes_____   No_____

If yes, provide details:

Other Community Preparedness Activities			
Date	Activity	Location	Organizer
1			
2			
3			
4			
5			

List any additional activities on a separate sheet

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Department of Commerce
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    Atmospheric Administration
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Guideline 6: Administrative Tools/Record keeping		Verif	Renewal Year
Formal Hazardous Weather Operations Plan	☐ Yes	☐	☐ Yes
‣ Procedure for reporting storm damage to the local National Weather Service Office in real-time	☐ Yes	☐	☐ Yes
‣ EOC Activation Procedures	☐ Yes	☐	☐ Yes
‣ Spotter Activation Criteria	☐ Yes	☐	☐ Yes
‣ Local Warning System(s) Activation Criteria	☐ Yes	☐	☐ Yes
Warning Point personnel has authority to activate Warning System (written)	☐ Yes	☐	☐ Yes
Spotter Roster and Training Record	☐ Yes	☐	☐ Yes
Last Visit by Emergency Manager to NWS Office		☐ Biennial	
Last Visit by NWS Officials to Community		☐ Annual	
Last NWS Spotter Training for Spotters and Dispatchers		☐ Biennial	
Last NWS Spotter Training Hosted/Co-Hosted *(For populations >40,000)*		☐ Annual	
Exercises — Topic(s):	Date:	☐	Date:

List any additional descriptions, narratives, or documentation on a separate sheet

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Signature of Applying Official

Application Submitted by: (print name):	
Office:	Title:
Signature:	Date:
NWS Personnel Receiving Application (print name):	
Date Received:	
Note: Please do not write in shaded areas.	

Department of Commerce
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   Atmospheric Administration
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StormReady

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Site Verification Team Signatures

Print Name:	
Office:	Title:
Signature:	Date:

Print Name:	
Office:	Title:
Signature:	Date:

Print Name:	
Office:	Title:
Signature:	Date:

Print Name:	
Office:	Title:
Signature:	Date:

Signature in Renewal Year

Application Submitted by: (print name):	
Office:	Title:
Signature:	Date:

NWS Personnel Receiving Application (print name):

Date Received:

Storm*Ready*   Tsunami*Ready*

Application Form
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Community Information	
County/City/Town	**Population**

Primary Point of Contact		**Secondary Point of Contact**	
Name		Name	
Office		Office	
Title		Title	
Mailing Address		Mailing Address	
City		City	
State; ZIP		State; ZIP	
Phone		Phone	
e-mail		e-mail	

Guideline 1: Communications	
Location of 24-Hour Warning Point	**Location of Emergency Operations Center**

Verification Team General Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Storm*Ready*   Tsunami*Ready*   Application Form
OMB Control # 0648-0419
Expires 06/30/2006

Guideline 2:	NWS Information Reception Equipment		
Warning Point # Required_____ # Verif_____	Verif	**EOC** # Required_____ # Verif_____	Verif
☐ NOAA Weather Radio (Required if in range)	☐	☐ NOAA Weather Radio (Required if in range)	☐
☐ NOAA Weather Wire (Subscription)	☐	☐ NOAA Weather Wire (Subscription)	☐
☐ EMWIN	☐	☐ EMWIN	☐
☐ Law Enforcement Teletype (LETS)	☐	☐ Law Enforcement Teletype (LETS)	☐
☐ Amateur Radio	☐	☐ Amateur Radio	☐
☐ Pagers* (Warning reception)	☐	☐ Pagers* (Warning reception)	☐
☐ Television (Local network or cable TV)	☐	☐ Television (Local network or Cable TV)	☐
☐ Radio (AM/FM) - EAS reception	☐	☐ Radio (AM/FM) - EAS Reception	☐
☐ NAWAS	☐	☐ NAWAS	☐
☐ Internet (Subscription for alerts) _____	☐	☐ Internet (Subscription for alerts)	☐
☐ Commercial Data Service_____	☐	☐ Commercial Data	☐
☐ Other*_____	☐	☐	☐
☐ Other*_____	☐	☐	☐

List any additional capabilities on a separate sheet

*Capabilities needing explanation:

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Department of Commerce
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Atmospheric Administration
National Weather Service

Storm*Ready*   Tsunami*Ready*

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Guideline 3:	Local Weather & Water Monitoring Equipment			
Warning Point # Required_____ # Verif_____		Verif	**EOC** # Required_____ # Verif_____	Verif
☐ Anemometer (Wind gauge)		☐	☐ Anemometer (Wind gauge)	☐
☐ Rain Gauge		☐	☐ Rain Gauge	☐
☐ River Gauge		☐	☐ River Gauge	☐
☐ Locally owned Radar		☐	☐ Locally owned Radar	☐
☐ Internet Radar Source _____		☐	☐ Internet Radar Source _____	☐
☐ Internet Weather Station _____		☐	☐ Internet Weather Station _____	☐
☐ TV Radar Source_____		☐	☐ TV Radar Source_____	☐
☐ Other*_____		☐	☐ Other*_____	☐
☐ Other*_____		☐	☐ Other*_____	☐

List any additional capabilities on a separate sheet

*Capabilities needing explanation:

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

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Atmospheric Administration
National Weather Service

Storm*Ready*   Tsunami*Ready*

Application Form
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Guideline 4:	Local Warning Dissemination		

Warning Point # Required_____ # Verif_____	Verif	**EOC** # Required_____ # Verif_____	Verif
☐ Outdoor Warning Siren(s)	☐	☐ Outdoor Warning Siren(s)	☐
☐ Cable TV Override	☐	☐ Cable TV Override	☐
☐ Plan for Sirens on Emergency Vehicles	☐	☐ Plan for Sirens on Emergency Vehicles	☐
☐ Local Alert Broadcast System*	☐	☐ Local Alert Broadcast System*	☐
☐ Local Pager System* (For dissemination)	☐	☐ Local Pager System* (For dissemination)	☐
☐ Telephone Tree to Critical Facilities	☐	☐ Telephone Tree to Critical Facilities*	☐
☐ Coordinated Area-Wide Radio Network*	☐	☐ Coordinated Area-Wide Radio Network*	☐
☐ Local Flood Warning System*	☐	☐ Local Flood Warning System*	☐
☐ Other*_____	☐	☐ Other*_____	☐
☐ Other*_____	☐	☐ Other*_____	☐

List any additional capabilities on a separate sheet

*Capabilities needing explanation:

Verification Team Notes:

Renewal Comments:

		Date:	Initials:

Note: Please do not write in shaded areas.

Local Government-Owned Buildings in Which Public Traffic is Common

StormReady   TsunamiReady

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Office	Location or Address	Tone Alert NOAA Weather Radio	Verif	Comments
Warning Point		☐	☐	
EOC		☐	☐	
City Hall		☐	☐	
School Superintendent		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Note: Please do not write in shaded areas.

Guideline 5:   **Community Preparedness**

Department of Commerce
National Oceanic &
Atmospheric Administration
National Weather Service

Storm*Ready*　　Tsunami*Ready*

Application Form
OMB Control # 0648-0419
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	Annual Safety Talks # Required_____ # Verif_____			
	Date	Topic	Location	Speaker
1				
2				
3				
4				
5				
	List any additional safety talks on a separate sheet			

Community Tsunami Awareness Program	Verif
☐ Designate/establish tsunami shelter/area in safe zone.	☐
☐ Designate tsunami evacuation areas and evacuation routes, and install evacuation route signs.	☐
☐ Provide written, locally specific tsunami hazard response material to public.	☐
☐ Encourage schools to implement a tsunami hazard curriculum, practice evacuations, and provide safety material to staff and students.	☐
Number of annual tsunami awareness campaigns:_____	☐

Weather Radio Purchase Program
Has your community/county developed a program to subsidize the purchase of Specific Area Message Encoder (SAME) equipped Weather Radios for its citizens?　(Not required) Yes_____　No_____
If yes, provide details:

	Other Community Preparedness Activities		
	Date	Activity	Location	Organizer
1				
2				
3				
	List any additional activities on a separate sheet			

Renewal Comments:

		Date:	Initials:

Note: Please do not write in shaded areas.

Guideline 6: **Administrative Tools/Record Keeping**	Verif	Renewal

Storm*Ready*   Tsunami*Ready*

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Formal Tsunami Hazard and Hazardous Weather Operations Plan	☐ Yes	☐	☐ Yes
▸ Procedure for reporting storm/tsunami damage to the local National Weather Service Office in real-time	☐ Yes	☐	☐ Yes
▸ EOC Activation Procedures	☐ Yes	☐	☐ Yes
▸ Spotter Activation Criteria	☐ Yes	☐	☐ Yes
▸ Local Warning System(s) Activation Criteria	☐ Yes	☐	☐ Yes
Warning Point personnel has authority to activate Warning System (written)	☐ Yes	☐	☐ Yes
Spotter Roster and Training Record	☐ Yes	☐	☐ Yes
Last Visit by Emergency Manager to NWS Office		☐ Biennial	
Last Visit by NWS Officials to Community		☐ Annual	
Last NWS Spotter Training for Spotters and Dispatchers		☐ Biennial	
Last NWS Spotter Training Hosted/Co-Hosted *(For populations >40,000)*		☐ Annual	
Exercises Topic(s):	Date:	☐	Date:

List any additional descriptions, narratives, or documentation on a separate sheet

Verification Team Notes:

Renewal Comments:

	Date:	Initials:

Signature of Applying Official

Application Submitted by (print name):

Office:	Title:
Signature:	Date:

NWS Personnel Receiving Application (print name):

Date Received:

Note: Please do not write in shaded areas.

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National Weather Service

Storm*Ready*   Tsunami*Ready*

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Site Verification Team Signatures	
Print Name:	
Office:	Title:
Signature:	Date:
Print Name:	
Office:	Title:
Signature:	Date:
Print Name:	
Office:	Title:
Signature:	Date:
Print Name:	
Office:	Title:
Signature:	Date:

Signature in Renewal Year	
Application Submitted by: (print name):	
Office:	Title:
Signature:	Date:
NWS Personnel Receiving Application (print name):	
Date Received:	

Samples of StormReady Correspondence and Documentation

This appendix includes the following Word Perfect documents:

1.   "For the Record" memo regarding recognititon of a StormReady Community

2.   Sample Recognition Letters (2)

3.   Sample of StormReady Recognition Presentation Ceremony Agenda

4.   Sample invitation to StormReady Recognition Ceremony

5.   Sample re-recognition letter

6.   Sample StormReady recognition certificate

WFO Address
City, State   ZIP

Date

MEMORANDUM FOR: The Record

FROM: Name
Warning Coordination Meteorologist
WFO Office

SUBJECT: StormReady Recognition for _____

As Chairman of the _____ StormReady Local Advisory Board, upon agreement of

_____ voting members do hereby authorize_____ to receive National Weather Service

StormReady Recognition on _____(date).

Signed

Name (Chairperson)
Local Advisory Board

Date

Name
Emergency Management Director
Street
City, ST Zip Code

Dear:

This letter is to inform you that the National Weather Service recognizes (name of jurisdiction) as a ***StormReady*** community. Congratulations! The (name of jurisdiction) administration, Police Department, Fire Department, and everyone else involved in the compliance process have every reason to be proud of this accomplishment. Earning the ***StormReady*** designation indicates that (name of jurisdiction) has done everything possible to improve emergency first responder and citizen preparedness in the event of a natural disaster. Your community's improved communications infrastructure and increased level of severe weather awareness will no doubt minimize the loss of life and/or property in the future.

Thank you for helping us with the ***StormReady*** checklist and reviewing (name of jurisdiction) application. The (name of local) ***StormReady*** Advisory Board members approved the application, and I have notified the (appropriate state) State Emergency Management, National Weather Service (NWS) Headquarters, and the NWS Regional Office in (appropriate city) of your accomplishments. I have two (2) ***StormReady*** signs for your use. Attached are instructions on how to obtain additional signs at your expense. You may now wish to notify the Insurance Services Organization for possible consideration on property insurance rates. .

The (jurisdiction) ***StormReady*** designation is good for three (3) years from the date of this letter. You must re-apply so that you can be re-certified in (appropriate date). Visit the StormReady Web Site at www.stormready.noaa.gov to see (jurisdiction) on the map and read the latest information on StormReady. Once again, congratulations! If there are any questions, call me or (name of WCM) at (appropriate number).

Sincerely,

Meteorologist in Charge

Attachment

cc:

Ordering Additonal StormReady Signs

Additional signs can be purchased by communities/counties from Oklahoma Correction Industries (OCI). The signs are about $25 each. Shipping depends on the number purchased and delivery location.

OCI's phone number is 405-425-7503.   Mention the "National Weather Service StormReady sign" and specify whether you'd like the signs to say StormReady COUNTY or StormReady COMMUNITY.

To order more StormReady signs:

(405) 425-7503   Contact: Gail
(405) 425-2838   Fax

Oklahoma Correctional Industries
4545 North Lincoln, Suite 103
Oklahoma City, OK 73105

Date

Emergency Manager
Address
Town, ST Zip Code

Dear:

On behalf of the StormReady Advisory Board, I would like to congratulate you on (name of jurisdiction)
StormReady recognition. This success is clearly a result of your vision, leadership, hard work and
commitment to the citizens of (jurisdiction). The citizens should take great pride and comfort in having
achieved this status.

(Name of jurisdiction's) current StormReady recognition is valid for three years. The recognition will
expire on (3 years from date of letter). I recommend (the jurisdiction) apply for renewed recognition at
least six months prior to that date.

As a StormReady community,(jurisdiction) is authorized to use the StormReady logo in official
letterheads, brochures, or other suitable documents. You can acquire a digital file of the logo image from
the (name of local) National Weather Service Office. If you use the logo in any way, please send the
National Weather Service a copy or description of how it was used. The StormReady Community logo is
trademarked and subject to certain restrictions, which require the National Weather Service to monitor its
use.

You are also authorized to purchase additional signs like those provided by the National Weather Service.
 Signs can be purchased for about $25 each from Oklahoma Correction Industries by calling 405-425-
7503.

Finally, if (jurisdiction) participates in the National Flood Insurance Program, it may now eligible for
additional ISO community rating system points. I recommend the StormReady Community information
be supplied to appropriate officials during the next ISO rating, if appropriate.

Visit the StormReady Web site at www.stormready.noaa.gov to see (jurisdiction) on the map and read the
the latest information on StormReady.   The National Weather Service is proud to have you as a part of
the growing StormReady family!

Sincerely,

Name
Meteorologist in Charge

cc: StormReady Advisory Board

Storm*Ready*

Cities of Whitehall and Montague
StormReady Recognition
Presentation Ceremony

Whitehall City Hall, Commission Chambers
7:30 pm Tuesday, November 27, 2001

Opening Remarks
Introduction of Guests & Officials
Jim Duram, Cities of Whitehall/Montague Emergency Services Director

StormReady Program
Mike Heathfield, Warning Coordination Meteorologist (WCM)
National Weather Service, Weather Forecast Office (WFO), Grand Rapids, MI

The StormReady and Emergency Management Partnership
Don Woodward, Michigan State Police, District 6 Emergency Management Division, Director

StormReady Presentation
Daniel G. Houser, Meteorologist in Charge (MIC)
National Weather Service, Weather Forecast Office (WFO), Grand Rapids, MI

Response by Local Officials
Norman Ullman, City of Whitehall, Mayor
Dwayne Trombly, City of Montague, Mayor Pro Tempore

Open Time for Interviews

You're invited . . .

The City of Encinitas, California is being recognized by the
National Weather Service San Diego as a "StormReady" community. At the start of the regular
March 27, 2002, Encinitas City Council meeting, officials from the National Weather Service
will present city officials with two signs to be placed at the entrances to town. Encinitas will be
the second community in the State of California to earn the "StormReady" designation from the
NWS. The ceremony should take about 10 minutes. We invite you to join other business and
civic leaders during the ceremony.

Please join us . . .

Wednesday, March 27, 2002, at 6:00 p.m.
Council Chambers, Encinitas Civic Center
505 S. Vulcan Avenue, Encinitas, California

What is StormReady?
Americans live in the most severe weather-prone country on Earth. Each year, a startling 10,000
thunderstorms, 2,500 floods, 1,000 tornadoes, and an average of ten hurricanes impact the United States.
Potentially deadly severe weather impacts every American. Communities can now rely on the National Weather
Service's StormReady program to help them guard against the ravages of Mother Nature.

Ninety percent of all presidentially declared disasters are weather-related. Through the StormReady
program, NOAA's National Weather Service gives communities the skills and education needed to survive
severe weather – before and during the event. StormReady helps community leaders and emergency managers
strengthen their local hazardous weather operations.

StormReady communities are better prepared to save lives from the onslaught of severe weather through
better planning, education, and awareness. Communities have fewer fatalities and property damage if they plan
before dangerous weather arrives. No community is storm proof, but StormReady can help communities save

---

Please fax to National Weather Service San Diego at 858-675-8712 by noon, March 25, 2002

❏ Yes, I/We will attend the StormReady ceremony in Encinitas, March 27, 2002.
❏ No, sorry I cannot attend this ceremony. Send my congratulations to Encinitas' community leaders for
   this great achievement

Name(s):_____
Title: _____
Organization: _____
Phone: _____ Email: _____

National Weather Service
101 Airport Road
Glasgow, MT 59230

November 26, 2002

Rick Seiler
Valley County Disaster and Emergency
  Services Coordinator
501 Court Square #10
Glasgow, MT 59230

Mr. Seiler,

The two year original designation period for Glasgow as a StormReady Community is about to expire.
Upon review of the original application, and with the current systems in place, we would like to
recommend that Glasgow be renewed for another 3 years as a StormReady Community. You and
the National Weather Service have had an excellent working relationship within the community, and
the city of Glasgow continues to maintain and improve on the warning communications and
dissemination systems that serve the community. Your signature below, along with the current date,
verify that you would like to continue the StormReady status. Please return this signed paper to the
National Weather Service, 101 Airport Rd., Glasgow, Montana 59230. The additional copy is for your
records.   If you have any questions, please contact the local StormReady Advisory Board members
listed below.

Thank you,

Julie Adolphson,   Tanja Fransen
Meteorologist in Charge   Warning Coordination Meteorologist
NWS Glasgow   NWS Glasgow
101 Airport Rd.   101 Airport Rd.
Glasgow, MT 59230   Glasgow, MT 59230
406-228-2850   406-228-2850

Monique Lay
State of Montana Disaster and Emergency Services
1900 Williams Street
Helena, MT 59604-4789
406-841-3963

The town of Glasgow, Montana would like to continue the StormReady designation for another 3
years, expiring in November of 2005.

_____
Rick Seiler, Valley County Disaster and Emergency Services

CERTIFICATE OF RECOGNITION

StormReady
NATIONAL WEATHER SERVICE

The City of Champaign Illinois
is Certified as a

STORMREADY Community

September 5, 2000

Ernest H. Goetsch
Meteorologist in Charge, NWSFO Lincoln, IL

Rod Palmer

Warning Coordination Meteorologist, NWSFO Lincoln, IL