Map 2
Past and Future Hazards Map
Greenland, New Hampshire

September 2005

Areas of Special Flood Hazard

A — *Area inundated by 1% annual chance flooding, for which no base flood elevations(BFEs) have been determined*

AE — *Area inundated by 1% annual chance flooding, for which base flood elevations have been determined*

Hurricane Surge Inundation

- *Catergory 1 Hurricane*
- *Catergory 2 Hurricane*
- *Catergory 3 Hurricane*
- *Catergory 4 Hurricane*

Potential Wildfire Hazard

Areas of Localized Flooding

Roads by Legislative Class
- Class I - Primary System
- Class II - Secondary System
- Class III -State Recreational
- Class IV - within Compacts
- Class V - Municipal
- Class VI - Unmaintained Municipal
- Private
- Trail

BASE FEATURES

Political Boundaries
- State Boundary
- County Boundary
- Town Boundary
- Railroad
- Abandoned Railroad
- Major Powerline
- Major Pipeline

Surface Water Features
- Stream, Shoreline
- Intermittent Stream
- Other Water Feature
- Bodies of Water
- USGS Wetlands

Adjacent Municipalities

This is a static legend for the Rockingham Region. All features may not be present within the extent of this map.

Past and future hazards were identified by the Hazard Mitigation Planning Committee from the Town of Greenland. Information was gathered to accompany the development of a Hazard Mitigation Plan under the guidance and funding of the NH Bureau of Emergency Management. April, 2004.

Flood Hazard Areas on this map were received from GRANIT, Complex Systems Research Center, UNH in February 2004. This data is a pre-release of data that will be published by the Federal Emergency Management Agency (FEMA) National Flood Insurance Program, Flood Hazard Maps. **This is preliminary data subject to revision.** For more information about flood hazard areas, consult the following website: http://www.fema.gov.

Hurricane Surge Inundation Mapping was provided to the Rockingham Planning Commission by the US Army Corps of Engineers, New England District. Hurricane Surge elevations were determined by the National Hurricane Center using the SLOSH Model (Sea, Lake and Overland Surge from Hurricanes), and assumes peak hurricane surge arrives at mean high tide. These inundation zones depict the worst case combination of hurricane landfall location, forward speed, and direction for each hurricane category.

Potential wildfire hazard areas were identified by the Hazard Mitigation Planning Committee, 2005.

Base data (town boundaries, hydrography, roads, railroads and utility lines) are taken from the USGS Digital Line Graph data, 1:24,000, as archived in the GRANIT database at Complex Systems Research Center, Institute for the study of Earth, Oceans and Space, University of New Hampshire, Durham, NH; 1992-1999. Roads have been updated from work done by Rockingham Planning Commission and NH Department of Transportation. Partial updates have been completed through 2005..

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GRANIT Geographic Information System

Rockingham Planning Commission

N W E S

0 0.25 0.5 1 1.5 Miles