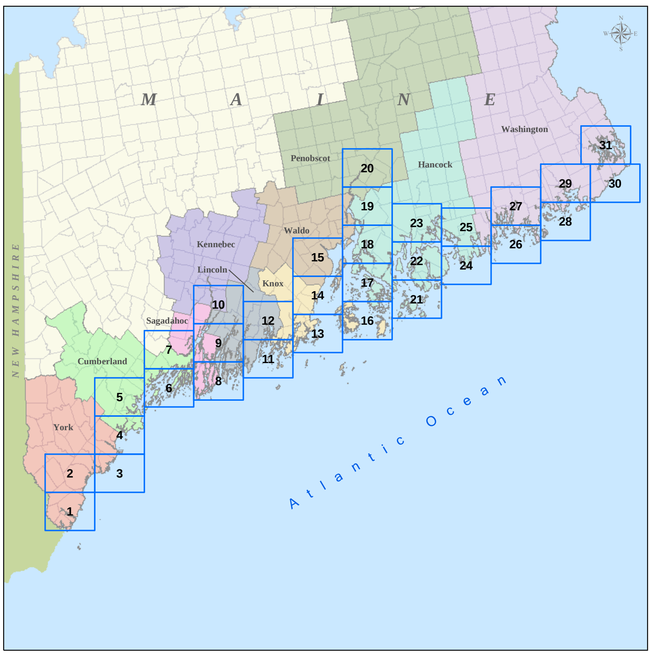
# Maine Hurricane Evacuation Study

# Hurricane Surge Inundation Mapping

## June 2005




## LEGEND

### Hurricane Surge Inundation Areas

- Category 1
- Category 2
- Category 3
- Category 4

### FEMA Flood Zones

- FEMA 100-Year Flood Zone
- FEMA 500-Year Flood Zone

### Other Map Features

- CEMA Office
- EMS Station
- Police Station
- Fire Station
- Hospitals
- Schools
- Cemetery
- Armory
- Large Malls
- Airport
- Parks
- Interstate Highway
- US Highway
- State Highway
- Minor Roads
- Other Roads
- Railroads
- Town Boundary
- Rivers & Streams
- Intermittent Streams
- Wetlands
- Water Bodies
- Non-Flooded Land

Notes:

1. Hurricane surge elevations were determined by the National Hurricane Center using the SLOSH model (Sea, Lake and Overland Surge from Hurricanes), and assume peak hurricane surge arrives at either mean tide or mean high tide, as indicated at the bottom of the maps.

2. The hurricane surge inundation areas shown on the maps depict the inundation that can be expected to result from a worst-case combination of hurricane landfall location, forward speed, and direction for each hurricane category.

3. The FEMA 100- and 500-year flood zones are shown for reference to depict those areas beyond the hurricane surge inundation areas where coastal or inland flooding may be expected. FEMA Flood zones were not available in electronic format for Knox and Lincoln Counties.

4. Ground elevation data was obtained from the USGS National Elevation Data Set.

5. Basemap features such as roads and streams were obtained from the Maine Office of GIS, and Geographic Data Technology, Dynamap/2000. Most have a source scale of 1:24,000.

US Army Corps of Engineers®
New England District

Maine Emergency Management Agency

Maine Office of GIS

0 1,000 2,000 4,000 6,000 8,000 10,000 12,000 14,000 16,000 Feet

0 0.5 1 2 3 Miles

Scale 1:24,000

1 inch = 2,000 feet

Projection:
Universal Transverse Mercator
Zone 19N
False Easting: 500000.000000
False Northing: 0.000000
Central Meridian: -69.000000
Scale Factor: 0.999600
Latitude Of Origin: 0.000000
North American 1983 Datum