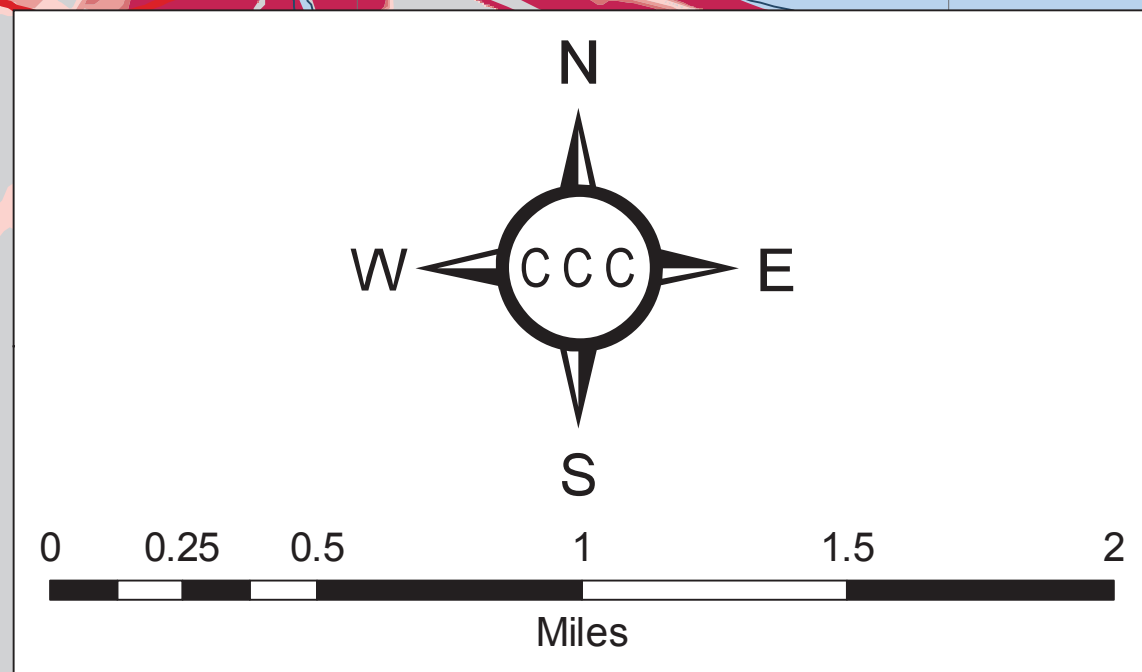


### Critical Facilities and Infrastructure

- FEMA Flood Zones (FIRM)
- "A" zones - areas of 100 year flood
- "V" zones - velocity zone

- Hurricane Surge (\*)
- Category One Hurricane
- Category Two Hurricane
- Category Three Hurricane
- Category Four Hurricane

- Public Water Zone 2
- Critical Facility not in SLOSH zone (\*)
- Critical Facility in SLOSH zone (\*\*)
- Hurricane Evacuation Route
- Evacuation route in SLOSH Zone
- Outlined Areas of Repetitive Loss Claims (See note about repetitive loss)
- Public Water Supply (\*\*\*)
- Public Water Corrosion Control
- Hazardous Materials Handler
- Electric Transmission Line
- Rail Road
- Bus/Train Station
- Ferry Terminal
- Major Roads
- Town Line



Note: Hurricane Surge data for Oyster Harbors and Sampson's Island/Dead Neck were not included with the Army Corps of Engineers' SLOSH data that is shown on this map.

## Risk and Vulnerability Assessment Map Town of Barnstable, MA

- #### Facility Type Key to Critical Facilities and Infrastructure:
- A Emergency Facilities/Shelters
  - B Public Safety Facilities
  - C Hospitals/Child Care Facilities
  - D Town Government Facilities
  - E Wastewater Infrastructure
  - F Hazardous Material Facilities
  - G Schools
  - H Nursing Homes/Elderly Housing
  - I Group Day Care Facilities
  - J Senior/Youth/Recreation Facilities
  - K Designated Emergency Animal Shelters/Hospitals
  - L Marinas/Boat Yards

Repetitive Loss Properties: There are 18 repetitive loss properties in the data obtained from FEMA in October 2009 in the Town of Barnstable. There are three in Barnstable Village, six in Hyannis, eight in Craigville, and one in Colit.

Vineyard Sound

Parcel ID	Critical Facility or Infrastructure	Address	Town/Village	Facility Type	Map Location
<b>Schools</b>					
44	Bayberry Christian School	2796 Falmouth Rd.	Osterville	G	E5
45	Cape Cod Academy	92 Oosterville W.	Barnstable	G	D5
46	Osterville Bay Elementary	99 West Bay Rd.	Osterville	G	E6
47	Pope John Paul II High School	120 High School Rd.	Hyannis	G	I5
48	St. Francis Xavier Preschool	31 Cross St.	Hyannis	G	I5
49	Sturgis Charter School	427 Main St.	Hyannis	G	I5
50	Trinity Christian Academy of Cape Cod	979 Mary Dunn Rd.	Barnstable	G	I3
51	Veneta Academy	12000 Pine Stage Rd.	Marstons Mills	G	E4
52	Cape Cod Community College	2240 Iyanough Rd.	W. Barnstable	G1	I3
53	Kiddie Kollege	154 Bearers Way	Barnstable	G1	I5
<b>Nursing Homes/Elderly Housing</b>					
54	Cape Cod Hosp Extended Care	850 Falmouth Rd.	Hyannis	H	H4
55	Cape Cod Hosp Extended Care	876 Falmouth Rd.	Hyannis	H	G5
56	Cape Regency Nursing & Rehab Center	120 S. Main St.	Hyannis	H	F5
57	Cape Winds Rest Home	349 Sea St.	Hyannis	H	I5
58	Greenery Rehab & Skilled Nursing Center	89 Lewis Bay Rd.	Hyannis	H	J5
59	May Institute	60 Bromblebush Dr.	Barnstable	H	B5
<b>Group Day Care Facilities</b>					
60	Academy of Early Learning	405 Falmouth Rd. Rte. 28	Hyannis	I	H4
61	As We Grow Learning Center	405 Falmouth Rd.	Hyannis	I	F5
62	Bright Promises Preschool	57 Pond St.	Osterville	I	D6
63	Building Blocks Child Care Center	1386 Phineys Ln.	Hyannis	I	H4
64	Cape Cod Conservatory Preschool	2236 Rte. 132	W. Barnstable	I	G3
65	Cape Cod Synagogue	145 Witter St.	Hyannis	I	I5
66	Children's College	2240 Iyanough Rd.	W. Barnstable	I	G3
67	Colt Nursery School	405 School St.	Colt	I	B7
68	Crystal Garden Children's Center	87 Enterprise Rd.	Hyannis	I	H4
69	Crystal Garden Children's Center Annex	1098 Enterprise Rd.	Hyannis	I	H4
70	Fair Acres Country Day School	35 Fair Acres Dr.	Marstons Mills	I	D4
71	Hyannis Head Start	83 Pearl St.	Hyannis	I	I5
72	Hyannis School Age at Founder's Courtyard	979 Falmouth Rd. B1	Hyannis	I	G5
73	Little Carpenters' Early Childhood Learning Center	979 Falmouth Rd.	Hyannis	I	G5
74	St. Peter's Nursery School	421 Wianno Ave.	Osterville	I	E6
75	Stepping Stones Child Care	1498 Falmouth Rd.	Colt	I	G5
76	Stepping Stones Child Care	4978 Falmouth Rd.	Colt	I	A6
77	Stevens Street Preschool	116 Stevens St.	Hyannis	I	I5
78	West Parish Family School	2240 Meetinghouse Way	W. Barnstable	I	E3
79	Whisk Kids Learning Center	593 Flint St.	Marstons Mills	I	D4
<b>Senior/Youth/Recreation Facilities</b>					
80	School's Old YMCA Cape Cod/Children's Crossing	2245 Iyanough Rd.	W. Barnstable	IJ	G3
81	Children's Center	825 Falmouth Rd.	Hyannis	J	I5
<b>Designated Emergency Animal Shelters/Hospitals</b>					
82	Bayview Kennels	1071 Main St.	W. Barnstable	K	E2
83	Humane Society of the US	4011 Main St/Route 6A	Barnstable	K	F5
84	MSPCA Animal Shelter	1577 Falmouth Rd.	Osterville	K	F5
85	Special K Kennels	750 Wabey Rd.	Marstons Mills	K	A4
<b>Marinas/Boat Yards</b>					
86	Anchor and Marine Ltd	133 Ocean St.	Hyannis	L	I5
87	Barnstable Harbor Marina	110 Frazier Rd.	Barnstable	L	H2
88	Barnstable Marine Service	Barnstable Harbor	Barnstable	L	H2
89	Bismore Park Marina	180 Ocean St.	Hyannis	L	I5
90	Crosby Yacht Yard Inc.	72 Crosby Ln.	Osterville	L	D6
91	Gateway Marina	212 Ocean St.	Hyannis	L	I5
92	Hyannis Marina	21 Arlington St.	Marstons Mills	L	J5
93	Marina at Prince Cove	235 Prince Cove	Marstons Mills	L	C5
94	Marina Consulting Corporation	153 Lever's Ln.	Marstons Mills	L	C5
95	Milway Marina	289 Milway Rd.	Barnstable	L	H2
96	Nauticus Marina	239 West Bay Rd.	Osterville	L	D6
97	Oyster Harbors Marine	72 Bridge St.	Osterville	L	D6
98	Steamship Authority	71 South Street	Hyannis	L	J5
99	Lewis Bay Boat Ramp	147 Lewis Bay Rd.	Hyannis	L	I5
100	Bliss Point Boat Ramp	307 Mill Way	Barnstable	L	H2
101	Bay Shore Road/Old Harbor Boat Ramp	86 Bay Shore Road	Hyannis	L	J5

An update of this Risk and Vulnerability Assessment Map to add "Tier 2 Reporters" from Mass. Department of Environmental Protection (DEP) (records up to Reporting Year 2008) was completed in May of 2009. These Tier 2 reporters listed below may also be listed on the chart at the right, or may be completely different sites. The Tier 2 reporters would have been classified as "Hazardous Material Facilities" (F) during the first round of mapping. Some towns have public water system corrosion control facilities which are also Tier 2 reporters.

Key	Tier 2 Reporter	Street Address	Facility Type	Map Location
F-1	Barnstable Marine Services	92 Freezer Road, Barnstable 02630	F	H2
F-2	Hyannis Fire Department	95 HIGH School Rd. Ext., Hyannis 02601	F	I5
F-3	First Student Inc.	241 Alticks Lane, Hyannis 02601	F	H4
F-4	Town of Barnstable Water Pollution Control	817 Bear's Way, Hyannis 02601	F	H4
F-5	Cape Cod Times	40 Communications Way, Hyannis 02601	F	I3
F-6	Barnstable Municipal Airport	480 Barnstable Rd., Hyannis 02601	F	J4
F-7	United States Postal Service	385 Main Street, Hyannis 02601	F	I5
F-8	NSTAR Station 961	105 Airport Road, Hyannis 02601	F	I4
F-9	Barnstable Department of Public Works	382 Falmouth Road, Hyannis 02601	F	H4
F-10	Barnstable Police Department	1200 Phineys Lane, Hyannis 02601	F	H4
F-11	Crosby Yacht Yard	72 Crosby Lane, Osterville, 02655	F	D6
F-12	Hyannis Marina Inc.	21 Arlington Street, Hyannis 02601	F	J5
F-13	Oyster Harbors Marina	122 Bridge Street, Osterville 02655	F	D6
F-14	Centerville Osterville Marstons Mills Fire	1875 Falmouth Road, Centerville 02632	F	F5
F-15	Lawrence Ready Mixed Concrete	Hyannis Sand Drive, Hyannis 02601	F	H4
F-16	Amerigas Propane	193 Iyanough Road, Hyannis 02601	F	J4
F-17	Verizon	West Bay Road, Osterville 02655	F	E6
F-18	Verizon	40 Ocean Street, Hyannis 02601	F	I5
F-19	Verizon	3240 Main Street, Barnstable 02630	F	H3
F-20	Home Depot	65 Independence Way, Hyannis 02601	F	H4
F-21	Hertz Rent A Car	Barnstable Municipal Airport, Hyannis 02601	F	I4
F-22	Aggregate Industries Northeast Region	Phineys Lane, Hyannis 02601	F	H3
F-23	Merchant's Way	120 Industrial Blvd., Hyannis 02601	F	H3
F-24	Cape Cod Hospital	27 Park Street, Hyannis 02601	F	J5
F-25	NSTAR Substation	Old Stage Road, Centerville 02632	F	F5
F-26	NSTAR Substation	Oak Street, West Barnstable 02668	F	F3
F-27	NSTAR Substation	52 Communication's Way, Hyannis 02601	F	I3
F-4-09	Amerigas Propane	not provided in source file	F	J4
F-7-09	Cape Cod Potato Chips	not provided in source file	F	I4
F-8-09	Cape Cod Potato Chips	not provided in source file	F	I4

Data Sources: (Note: not all features are present in each town.) FEMA Flood Hazard Area: Flood Insurance Rate Maps. 1:4800, Federal Emergency Management Agency, 1986. Due to insufficient accuracy of the source maps, areas shown have been digitized and adjusted to match to match the MassGIS 1:25000 road network by the Cape Cod Commission. Exact flood hazard boundaries may need to be determined by land survey methods as used by FEMA.

Hurricane Surge data: Army Corps of Engineers. Updated areas of inundation based on severity of hurricanes. Completed 10/30/02 using the SLOSH (Sea Lake and Overland Surge from Hurricanes) model. These are areas of inundation modeled to occur from wind and pressure forces of hurricanes.

Critical Facilities in SLOSH Zones include properties where only part of the parcel is within the SLOSH Zone.  
Public Water Supply symbol may designate multiple wellheads.

The Critical Facility labels on the map consist of a Parcel ID which corresponds to a table included on the map. The Facility Type can be identified from the key included on the map.

Repetitive loss property: Known to be incomplete, but based upon best available information from FEMA.

Evacuation Route: MEMA. Best available information from Local Comprehensive Emergency Management Plan on file with the Massachusetts Emergency Management Agency.



This map was produced by the Cape Cod Commission Geographic Information System Department for the Pre-Disaster Mitigation Project, which became the Multi Hazard Mitigation Project of 2009-2010. The Cape Cod Commission is a division of Barnstable County. Digital data used are from MassGIS, the Army Corps of Engineers, and the Cape Cod Commission, 2003. Data bases associated with critical facilities were researched by AmeriCorps of Cape Cod, 2003, the Barnstable County Department of Health and the Environment, 2007, and the Town of Barnstable Growth Management Department, 2010.

Information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel level analysis.