

006-090



The Sibley Cottage, corner Atwood Avenue, during the hurricane of September 21, 1938



Eastern Schoolhouse, right

### Winds Important In Cape Cod Life

Weather plays a major role in any Cape Cod Summer plans and winds are an important subdivision.

The so-called Beaufort scale of wind and sea is printed to aid the Summer visitor in identification. The description of the sea follows the wind velocity which is given in terms of knots.

**A Knot** is a unit of speed equivalent to one nautical mile, or 6,080.20 feet, an hour.

**A Calm** wind is considered less than a knot with a calm sea.

**Light air** is 1 to 3 knots with the sea appearing to be rippled with waves.

#### Light Breeze

**Light breeze**, 4 to 6 knots, with small wavelets, the crests of which do not break.

**With a velocity** of 7 to 10 knots, a gentle breeze produces small wavelets which begin to break scattering white caps.

**Moderate breeze**, 11 to 16 knots, small waves with frequent white caps. The sea is called "slight."

**Wind velocity** from 17 to 21 knots with moderate waves is called a fresh breeze. Many white caps are seen with some spray. Waves may range 10 feet from

crest to trough. Sea is called "moderate."

**Strong breeze**, 22 to 27 knots; large waves, many white caps and some spray. Sea is designated "rough."

**With a wind velocity** of 28 to 33 knots, a moderate gale produces large waves 20 feet from crest to trough.

**Fresh gale**, 34 to 40 knots; moderately high waves, foam begins to streak down-wind. Sea is "high."

**Strong gale**, 41 to 47 knots, high waves, dense streaks of foam. Sea begins to roll.

**Whole gale**, 48-55 knots; very high waves; sea surface becomes white and visibility is affected. Sea is "very high."

**Storm**, 56 to 65 knots; exceptionally high waves, roll heavily. Waves 40 feet from crest to trough.

**Hurricane**, more than 65, air filled with spray and foam. Sea is completely white, poor visibility; seas "mountainous."