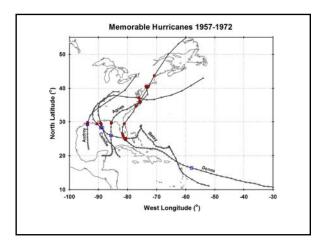
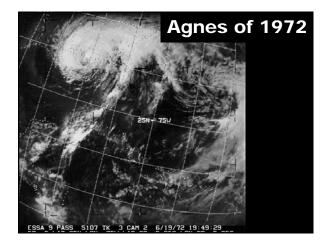


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## **Agnes Impacts**

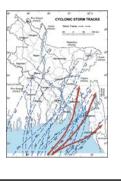
- 14-25 June
- CAT 1 (or TS) throughout Extensive inland flooding
- from Florida to New England
- Killed 122, nearly all by drowning in fresh water
- Damage \$2.1B (1972 \$)
- Almost sank HEWs sailboat at its moorings
- Last Hurricane to kill more than 100 people until Katrina





# **Bay of Bengal Cyclones**

- Form as the Monsoon Trough advances north, peaking in May ٠
- And as it retreats south, peaking in November
- Generally not as strong as hurricanes or typhoons that form in the open sea
- With tragic exceptions Densely populated Ganges Delta near sea level
- · 5.5 m astronomical tide



### **Cyclone of November 1970**

- Political strife in East Pakistan already because of postponed elections
- Heavy rains and flooding previous summer
- TS moved across Malaysia and intensified over the Bay of Bengal Made landfall with winds > 60
- m/s
- Killed 300,000-500,000
- Construction of elevated shelters was slow
- Subsequent cyclones
- 1985---10,000 dead 1991---138,000
- Extensive shelter construction over next 6 years
  1997---100 killed







### CYCLONE SHELTER



