



IS YOUR COMMUNITY AT RISK ?



In Western Black Sea region, northwestern Turkey, a massive flood occurred after intense storm during May 19-21, 1998. Flood affected Zonguldak, Bolu, Karabuk and Bartin provinces of the region and caused loss of lives and goods. Flood came about over 37 000 km² area and influenced 2.2 million people that is estimated to occur only once every 200 years in this region. Communication, transportation, water supply and electricity systems were cut off for several days. Intense precipitation and floods also triggered the landslides, caused erosion of river channels and blocked the channels by deposition of sediments, which may have exacerbated the flooding. Floodwaters inundated 80% of urban area of Bartin city and four people were killed.



DID YOU KNOW ?



- ! Hurricane Katrina was the largest and 3rd strongest hurricane ever recorded to make landfall in the US.
- ! The final death toll was at 1,836, primarily from Louisiana (1,577) and Mississippi (238).
- ! The storm surge from Katrina was 6 meters high and an estimated 80% of New Orleans was under water, up to 20 ft deep in places.
- ! Hurricane Katrina affected over 15 million people in different ways varying from having to evacuate their homes, rising gas prices, and the economy suffering.

Mini Test

1. What was the death toll of the Indian Ocean Tsunami in 2004 ?
 - A. 72,000
 - B. 186,000
 - C. 283,000
 - D. 362,000
2. Besides precipitation rate, what contributes to inland flooding during a hurricane ?
 - A. Strong tidal currents
 - B. Slow forward movement of the storm
 - C. Ocean currents
 - D. Differences in seawater density

Answers: 1.C 2.B