2013 Major Water-Related Disasters in the World (Pt. 2)

Europe (Oct. 2013)

The rainstorm lashed northern Europe on 28th Oct 2013.

15 died in UK and other neighboring countries transportation was disrupted in various locations.

Europe (Dec. 2013) Northern Europe was hit by the most powerful winter storm in

60 years , named XAVER. Storm surge , floods and strong winds damaged houses and businesses, killed 15

people.

Those caused power outage in wide area and disruptions of transportation .

Italy (Nov. 2013)

The torrential rain caused floods in southern island of Sardinia. The river over-flowed, bridges were collapsed.

The death toll was 18.

Sudan (Aug. 2013)
About 400,000 people were
affected by continuous heavy rain
since early Aug., and the death
toll was 76. Infrastructure damage

was serious.

Kenya (Apr. 2013) The heavy rain by

The heavy rain by monsoon continued from March to May, and some area faced 200% rainfall against average. This caused floods across the country, and the death toll was 96. Approximately 170,000 people were displaced.

Central Europe (Jun. 2013)
The torrential rain in central
Europe caused floods in
various location . The death
toll is 24.

Somalia (Nov. 2013)

The Tropical Cyclone

Puntland in Somalia on

10th Nov, the rainstorm

by this cyclone caused

Basically filtered the

10 death in the

in the developing

countries

disasters with more than

developed countries and

with more than 50 death

floods, and killed 162

people.

Mozambique (Jan.

Floods caused by

affected more than

2013)

continuous

240.000.

torrential rains

killed 119 and

THRFF landed at

Canada (Jul. 2013)
The heavy rain caused floods, inundation of roads and subway stations and

power outages.

Canada (Jun. 2013)
The torrential rain caused floods, more than 100,000 evacuated and 4 died.
There were shutdown of oil pipelines and power outages.

US (Apr. 2013) The heavy rain since mid

Apr swelled Mississippi and Illinois River, and this caused floods in central west. The death toll was 3.

US (May. 2013) Heavy rain and tornado struck Oklahoma state and its suburbs on 31st May,

caused floods. The death

toll was 27.

Mexico (Aug. 2013)
The heavy rain by the
Tropical Storm FERNAND,
landed midnight and
caused landslides. The
death toll was 14.

Mexico (Sep. 2013) Tropical Storm MANUEL hit western Mexico and Tropical Storm INGRID hit northeastern Mexico on 15th. The rainstorms caused floods and landslides. The death toll was 192.

US (Sep. 2013) The torrential rain from 11th to 12th Sep caused floods in Colorado, death toll was 9.

Brazil (Dec. 2013)
Lajedinho in Bahia, northeast
Brazil, which had been facing
drought, was hit by heavy rain in
short period of time and flooded.

Brazil (Dec. 2013)

The death toll was 16.

The heavy rain caused floods and landslides and killed 64 in 2 states in southeast Brazil. Lots of roads and infrastructures were damaged.

Argentina (Apr. 2013)

The rainfall was recorded 400mm for 2 hours form 2nd to 3rd Apr, which caused floods. The death toll was 52 and more than 350,000 people were affected. More than half area of La Plata city faced power outage and phone lines were disrupted.

Local Survey carried out

Number of Death 0~49

Number of Death 50~99

Number of Death 100~499

Number of Death 500~999

Number of Death 1000~

Source (death toll and affected No.):D. Guha-Sapir, R. Below, Ph. Hoyois - EM-DAT: International Disaster Database – www.emdat.be – Université Catholique de Louvain – Brussels – Belgium.

Copyright (c) 1956 Infrastructure Development Institute – Japan. All rights reserved.

The reproduction or republication of this material is strictly prohibited without the prior written permission of IDI.