

Jan-Jun of 2022: Major Water-Related Disasters in the World

As of January 31, 2023

Madagascar, Mozambique, Malawi (January)

Tropical Storm ANA passed Madagascar as a tropical depression, developed to a tropical storm in the Mozambique Channel and made landfall in Mozambique. Its heavy rainfall caused several rivers to overflow in the central plateau of Madagascar, the central coast of Mozambique and southern Malawi.

Death toll : 157 (Madagascar : 55, Mozambique : 38, Malawi : 64).

North-Eastern India, Bangladesh (May, June)

Pre-monsoon rains of May and Monsoon heavy rains of June in Brahmaputra River basin and Barak River basin caused large-scale floods, not only in Assam State, India but also in downstream areas in Bangladesh.

Death toll : 455 (India : 324, Bangladesh : 31).
Missing : 33 (India)

Philippines (Central) (April)

Tropical Storm MEGI (locally AGATON) moved very slowly over Leyte Gulf and its heavy rain caused floods and massive landslides.

Death toll : 289.

Madagascar, Mauritius (February)

Cyclone BATSIRAI passed north of Mauritius and made landfall on the east coast of Madagascar. Its rainfall caused riverine-floods and landslides.

Death toll : 122 (Madagascar : 121, Mauritius : 1)

Brazil (Pernambuco) (May)

In the north-eastern Brazil, the continuous rains of May surpassed twice the monthly average rainfall totals, which caused riverine-floods and landslides. The deadly landslide of Recife (State of Pernambuco) brought many deaths.

Death toll : 116

Madagascar, Mozambique, Malawi (March)

Cyclone GOMBE passed Madagascar as a tropical depression, developed to a cyclone in the Mozambique Channel and made landfall in Mozambique. Its heavy rainfall caused floods in northern Madagascar, the central coast of Mozambique and southern Malawi.

Death toll : 72 (Madagascar : 2, Mozambique : 63, Malawi : 7).

Australia (Southern part of the East Coast) (February to March)

Southern part of the East Coast was hit by multiple times record-breaking rainfalls in late February to March, which caused multiple overflows of several coastal rivers and wide-spread floods.

Death toll : 22.

Brazil (Rio de Janeiro) (February)

Torrential rainfall of 125mm/hour in Petropolis (State of Rio de Janeiro) caused large-scale landslides, which resulted in the largest number of deaths in the city's history.

Death toll : 272.

Republic of South Africa (April)

Torrential rainfall of 200mm/24hours in KwaZulu-Natal province caused the riverine-floods and multiple landslides.

Death toll : 544.

Number of Death 0~49

Number of Death 50~99

Number of Death 100~499

Number of Death 500~999

Number of Death 1000~