# Jan-Jun of 2019: Major Water-Related Disasters in the World

Tropical Cyclone Kenneth (Mozambique and Comoro Islands) (April to May)

Kenneth made landfall in Cabo Delgado, Mozambique, where vast areas of farms, houses and roads were damaged.

Death toll: 52 (Mozambique 45 and Comoros 7).

Tropical Cyclone Idai (Mozambique, Zimbabwe and Malawi) (March)

Idai caused long-term devastating impacts by floods, landslides and storm surge. In the most affected Beira, Mozambique more than 1,000 chorela cases were reported.

Death toll: 1,001 (Mozambique 603, Zimbabwe 339, Malawi 59), Missing: Zimbabwe 349.

#### Afghanistan, Iran and Iraq (March to April)

Unusual downpour caused deadly floods in Middle East. Rivers overflowed and many roads were closed. Death toll: 177 (Afghanistan 98, Iran 78, Iraq 1).

### Russi (Irkutsk) (Jun to Jul)

Irkutsk region had two waves of heavy rains in one month. Overflowing rivers and lakes caused severe flooding including Lake Baikal.

Death toll: 25, Missing: 7.

Tropical Cyclone Fani (India and Bangladesh) (May)

Massive evacuation were carried in India's Odisha and Bangladesh beforehand. Most of the damage was caused by wind rather than rain.

Death toll: 78 (India 64, Bangladesh 14).

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## China (South and East)

Intermittent rainfall by rainy season caused floods and landslides in 8 provinces. Over 6 million people were affected. Death toll: 88, Missing: 17.

### USA (Midwest, South, (Mississippi River Basin)) (March to June)

Multiple rivers in Mississippi River System overflowed due to snowmelt and heavy rains by storms since March. Floods affected vast area for a long term.

Death toll: 12, Missing: 1.

# Republic of South Africa (April)

Torrential downpour triggered floods and mudslides in the eastern and the southern parts of the country. KwaZulu-Natal province suffered severe damage in infrastructure.

Death toll: 87.

## India, Pakistan and Afghanistan (April)

A slow moving storm system brought dust, lightning and unseasonal heavy rain in South Asia. Number of regions were affected by floods and landslides. Death toll: 135 (India 64, Pakistan 55, Afghanistan 16).

## Indonesia (Papua Province) (March)

Flash floods and landslides triggered by torrential rain hit Jayapura regency in Papua province, damaging over 1,700 houses and displaced nearly 10,000 people. Death toll: 112, Missing: 17,

Number of Death 0 ~ 49

Number of Death 50 ~ 99

Number of Death 100 ~ 499

Number of Death 500 ~ 999

Number of Death 1000 ~

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