

Jul-Dec of 2021: Major Water-Related Disasters in the World

As of April 27, 2022

Europe (Germany, Belgium, Netherlands, Switzerland, etc.) (July)
Heavy rains in the mountains of central Europe caused small and medium-sized rivers in the Rhine and Maas river systems to overflow in a short period of time, resulting in numerous fatalities. Death toll: 242 (with 197 in Germany and 43 in Belgium).

India (Uttarakhand) (August)
Heavy rainfall brought by unseasonal depression triggered flooding and landslides. The Ganges and Kosi rivers overflowed, causing inundation. In Nainital District, the maximum rainfall ever recorded was observed at several locations. Death toll: 92, Missing: 3.

Nepal (October)
Unseasonably low pressure brought heavy rains and caused flooding and landslides in a wide area. The Mahakali river overflowed, and several villages were inundated. Death toll: 121, Missing: 28.

China (Henan) (July)
Record-breaking rainfall caused flooding and landslides throughout the province. In Zhengzhou, the hardest-hit city, the largest one-hour rainfall in history was observed, flooding subways and tunnels. Dead or Missing: 398 (with 380 in Zhengzhou).

USA (Tennessee) (August)
Record-breaking rainfall caused major flooding in the central part of Tennessee. Several rivers overflowed, including the Trace river. Large-scale power outages and severe damage to roads and bridges occurred. Death toll: 20.

Turkey (August)
The western Black Sea coast was hit by torrential rains, causing severe flooding in short rivers flowing out of the mountains. In Bozkurt, Kastamonu, many people were killed when buildings collapsed due to flooding. Death toll: 82, Missing: 16.

USA (South and Northeast) (August to September)
Hurricane Ida made landfall in Louisiana as a Category 4 storm, causing floods, large-scale power outages, and oil/natural gas production shutdowns in the South. Subsequently, extensive flooding occurred in New Jersey and the other northeastern states. Death toll: 96.

India (Maharashtra) (July)
Heavy downpour in the Western Ghats triggered overflow of several rivers, causing flood damage mainly in urban areas along the rivers. Death toll: 213, Missing: 8.

Brazil (Southeast) (December to January)
Heavy rainfall due to La Niña and convergence zones caused river flooding and damage to small/medium dams. Flooding occurred intermittently over a long period of time. Death toll: 52.

India (Andhra Pradesh) (November)
Torrential rains from a low-pressure system in the Bay of Bengal caused extensive flooding, affecting 1,990 villages in four provinces. Death toll: 101, Missing: 13.

Malaysia (December to January)
A monsoon and a developing low-pressure system brought continued heavy rains, causing flooding and landslides mainly on the Malay Peninsula. In Shah Alam, Selangor, severe flooding and power outages forced many factories to suspend operations, which affected global supply chain. Death toll: 54, Missing: 2.

Philippines (Central and South) (December)
Super Typhoon Rai (locally Odette) left devastation and forced 1 million families to evacuate. It caused communication failures, power outages and infrastructure damage over a wide area. Death toll: 405, Missing: 52.

Philippines (North and Central) (October)
Typhoon Kompasu (locally Maring) caused floods and landslides (particularly in the North). Several cities in Luzon Island experienced a month's worth of heavy rainfall in 24 hours. Death toll: 43, Missing: 16.

Number of Death	0 ~ 49
Number of Death	50 ~ 99
Number of Death	100 ~ 499
Number of Death	500 ~ 999
Number of Death	1000 ~

The figures related to the victims were prepared by IDI based on data released by the governments of the affected countries, local media, EM-DAT, etc.

