Jan.-Jul. of 2024: Major Water-Related Disasters in the World

Afghanistan, Pakistan (April)

A rare Western Disturbance in April passed through Iran, Afghanistan and Pakistan, causing flashflood, river overflow and landslides.

Death toll: 183(IRN18, AFG 41, PAK124)

Afghanistan (May)

Heavy rain fell on the area where three consecutive years of drought left the ground too hard to absorb water, resulting flash floods and river overflow. Death toll: over 225

India (Kerala) (July)

Large-scale landslide due to heavy rainfall of 572mm/48h in the hills of Kerala State. Death toll: 230, Missing:130

Ethiopia (July)

During search and rescue operations of the landslide, a second large-scale collapse occurred, resulting in many casualties.

Death toll: 257

Kenya, Tanzania (April)

Positive Dipole event in the Indian Ocean caused the rainy season precipitation to be more than twice the normal, resulting in widespread flooding due to river overflows. Death toll: 508(KEN 353, TZA 155)

Russia, Kazakhstan (April)

Sudden rise in temperature and heavy rainfall caused rapid melting of snow and flooding of the Urals and other rivers. Embankments in Russian city of Orsk was breached. Death toll: 5(RUS 3, KAZ 2)

Philippines(Davao de Oro Prov. Mindanao) (February)

Combined effect of the northeast monsoon and low-pressure system brought prolonged rain in Mindanao, where a large-scale landslides involved more than 60 houses and two commuter buses and resulted in numerous fatalities.

Death toll: 128

As of January 2025

Philippines (Luzon), Taiwan, China (Hunan, Jilin, Liaoning), North Korea, Typhoon GAEMI (July) Large typhoon "GAEMI" brought heavy rainfall even as it passed off the coast of Luzon Island, developed into a super typhoon, and made landfall in Taiwan and Fujian Province of China. After downgrading to a tropical cyclone, it continued to cause heavy rainfall, landslides, and river flooding in inland and northeastern China and North Korea. Death toll: 152 (PHL 48, TWN, 94),

Missing: 7 (PHL 5, TWN 2)

Brazil(Rio Grande do Sul)(April)

Two months' worth of rainfall in four days caused rivers to overflow. Lake Guaíba (estuary of River Guaíba) received 18 weeks' worth of water in 9 days. Porto Alegre on the lakeshore suffered severe flooding. Widespread landslides occurred in the Taquari River Valley. Death toll: 182, Missing: 31

Indonesia(West Sumatra)(May)

Heavy rainfall due to low pressure system caused flash floods, and landslides. At the foot of Mt. Marapi which has been volcanically active since the end of 2023, volcanic mudflows occurred.

Death toll:87

Papua New Guinea (May)

In the mountainous Enga Region a massive landslide of approximately 600 m in length occurred from an elevation of 2,350m to 2,200 m, burying approximately 150 houses. Due to the risk of a recurrence of the landslide, the decision was made to suspend the rescue operation, and mandatory evacuation of all villagers.

Death toll: over 173, Missing: over 600

Number of Death 50~99

Number of Death 100~499

Number of Death 500~999

0~49

Number of Death 1000~

Number of Death

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