

November 2013 Global Catastrophe Recap



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Executive Summary

- Super Typhoon Haiyan devastates the Philippines with nearly 8,000 people left dead or missing
- Major severe weather outbreak sweeps across the U.S. Midwest; economic losses exceed USD1.5 billion
- Extratropical storm spawns torrential rains on the Italian island of Sardinia as flash floods leave 18 dead

Super Typhoon Haiyan made landfall in the central Philippines as one of the strongest tropical cyclones ever recorded. The typhoon came ashore at Category 5 strength with estimated maximum sustained winds of 315 kph (195 mph). At least 7,940 people were left dead (6,183) or missing (1,785) and 28,626 others were injured. Beyond the extremely gusty winds, the storm also prompted excessive rains and storm surge heights approaching 6.0 meters (20 feet) in height. More than 1.2 million homes were damaged or destroyed and the electrical, transportation and agricultural infrastructures were decimated. Total economic losses were estimated at PHP571 billion (USD13 billion). Insured losses were listed around PHP66 billion (USD1.5 billion).

Haiyan would later make a final landfall in Vietnam, where 13 people were killed. An additional five people died in China and 10,000 homes were destroyed.

In other tropical cyclone news, Cyclone Helen made landfall in India's Andhra Pradesh. At least 10 storm-related fatalities were reported as heavy flood damage was noted in 600 villages in the Andhra Pradesh districts of Krishna, Guntur, East Godavari, West Godavari, and Visakhapatnam. State officials estimated that more than one million acres (405,000 hectares) of crops had been destroyed. Total economic losses were INR50 billion (USD800 million).

Tropical Depression Podul, and later its remnants, killed at least 42 people in central and southern Vietnam. More than 427,258 homes were damaged or destroyed and roughly 6,000 hectares (15,000 acres) of cropland was also submerged. Economic losses were estimated at VND1.5 trillion (USD72 million).

Tropical Storm Three made a rare landfall in Somalia, bringing torrential rains and periods of gusty winds to much of the country. Government officials reported that 440 people were dead or missing as thousands of homes, roads and bridges were destroyed. The hardest-hit areas were the districts of Eyl, Bandarbeyla, Dangorayo, and Hafun in the state of Puntland.

A rare November major severe weather outbreak struck the United States during the month, killing at least 10 people and injuring 300 others. According to the Storm Prediction Center (SPC), at least 106 tornado touchdowns were registered (74 confirmed) in addition to reports of damaging winds (460) and hail (32). The hardest-hit locations came in Illinois and Indiana, where multiple communities were decimated. Total economic losses were estimated at USD1.6 billion, while insured losses were in excess of USD900 million.

The 74 confirmed tornadoes made this at least the third-most prolific November U.S. tornado outbreak since 1950. The two EF-4 tornadoes that touched down in Illinois during the event also marked the second and fourth most northerly EF-4 November touchdowns ever recorded in the U.S. during the month of November.

Severe weather also affected parts of Australia's Queensland (QLD) and New South Wales (NSW) during the month as separate stretches of powerful thunderstorms brought up to cricket ball-sized hail and spawned tornadoes. While most major population locales were spared, heavy damage to residential property was noted in many rural towns in each state. Total economic and insured losses were estimated well into the millions of dollars (USD).

A strong extratropical storm (dubbed 'Ruven') brought more than 385 millimeters (15.00 inches) of rain to the Italian island of Sardinia, killing at least 18 people. The worst damage was reported in the northeastern town of Olbia, where floodwaters up to 3.0 meters (10.0 feet) in height swamped homes and vehicles. Farmers reported heavy agricultural damage as well. Government officials allocated EUR103 million (USD140 million) for damage and recovery costs.

Flooding was also recorded in Colombia, Saudi Arabia, Iraq, Somalia, and Vietnam.

United States

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|----------------|---------------------------------|--------|-----------------------|------------------------|
| 11/17-11/18 | Severe Weather | Midwest, Ohio Valley, Northeast | 10 | 70,000+ | 1.6+ billion |
| 11/23-11/27 | Winter Weather | Nationwide | 14 | Unknown | Millions+ |

A major severe weather outbreak tracked across the Midwest, Ohio Valley and parts of the Northeast on the 17th into the 18th, killing at least 10 people and injuring 300 others. According to the Storm Prediction Center (SPC), at least 106 tornado touchdowns were registered (74 confirmed) in addition to reports of damaging winds (460) and hail (32). The hardest-hit locations came in Illinois and Indiana, where dozens of tornadoes occurred and multiple communities were decimated. Two EF-4 tornadoes touched down in Illinois. Most of the non-tornado damage from Missouri to New York was caused by straight-line winds gusting in excess of 80 mph (130 kph). Total economic losses were estimated at USD1.6 billion, while insured losses were in excess of USD900 million.

A powerful winter storm crossed the United States between the 23rd and 27th, leading to the deaths of at least 14 people. High winds, accumulating snow, heavy rain and ice accompanied the storm system, which tracked from California to the Gulf Coast before later shifting into the Northeast. Property damage was not significant, though the system severely disrupted holiday travel via roadways and in the air.

Remainder of North America (Canada, Mexico, Central America, Caribbean Islands, Bermuda)

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|------|-------|----------|--------|-----------------------|------------------------|
|------|-------|----------|--------|-----------------------|------------------------|

No major natural disaster events were recorded during the month of November.

South America

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|------------|----------|----------|--------|-----------------------|------------------------|
| 11/15-12/1 | Flooding | Colombia | 7 | 13,000+ | Millions+ |

Heavy rains swept across west-central Colombia during the second half of November into early December, spawning widespread flooding that left at least seven people dead. Officials cited property damage in the departments of Boyaca, Caldas, Cundinamarca, Huila, Quindio, and Risaralda, with more than 13,000 families left homeless.

Europe

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|----------|--------------------|--------|-----------------------|------------------------|
| 11/17-11/20 | Flooding | Saudi Arabia, Iraq | 22 | 10,000+ | Millions+ |
| 11/18-11/19 | Flooding | Italy | 18 | Hundreds+ | 140+ million |

Heavy rainfall swept across parts of the Middle East between the 17th and 20th, killing at least 22 people in Saudi Arabia and Iraq. The hardest-hit areas were found in parts of the Saudi Arabian cities of Riyadh and Arar as flash flooding damaged 6,800 homes and businesses. In Iraq, floods damaged parts of the cities of Baghdad, Nasiriyah, Diwaniyah, and Hilla. Each location reported varying levels of damage to homes, buildings and infrastructure as several rivers quickly burst their banks. Poor sewage systems made conditions even worse.

A strong extratropical storm (dubbed 'Extratropical Storm Ruven') brought more than 385 millimeters (15.00 inches) of rain to the Italian island of Sardinia on the 18th into the 19th, killing at least 18 people. The worst damage was reported in the northeastern town of Olbia, where at least 2,700 people were displaced as floodwaters up to 3.0 meters (10.0 feet) in height swamped homes and vehicles. Farmers reported heavy agricultural damage as well. Government officials allocated EUR103 million (USD140 million) for damage and recovery costs.

Africa

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|------------|----------------|--------------|--------|-----------------------|------------------------|
| 9/20-11/30 | Flooding | Somalia | 0 | 30,000+ | Unknown |
| 11/9 | TS Three | Somalia | 440+ | 10,000+ | Millions+ |
| 11/28 | Severe Weather | South Africa | 0 | 40,000+ | 300+ million |

Heavy seasonal rains led to widespread flooding in Somalia's Middle Shabelle region from the second half of September through November. No fatalities were immediately reported. Significant damage was noted along the Shabelle River, with more than 30,000 homes and other structures inundated. Agricultural damage was noted as well.

A rare tropical storm made landfall in Somalia on the 9th, bringing torrential rains and periods of gusty winds to much of the country. Government officials reported that 440 people were dead or missing as Tropical Storm Three destroyed thousands of homes, roads and bridges. The hardest-hit areas were the districts of Eyl, Bandarbeyla, Dangorayo, and Hafun in the state of Puntland. More than 30,000 people were left displaced by the storm, which also killed more than 100,000 livestock.

Severe thunderstorms swept across parts of South Africa's Gauteng Province on the 28th, as large hail caused extensive damage in several communities. The hardest-hit regions were Witwatersrand and Pretoria as golf ball-sized hail punctured roofs and shattered windows. Total economic losses were listed at ZAR3.1 billion (USD300 million), with insured losses estimated in excess of ZAR1.25 billion (USD120 million).

Asia

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|------------|-----------------------------|--------|-----------------------|------------------------|
| 11/7-11/10 | STY Haiyan | Philippines, Vietnam, China | 8,000 | 1.3+ million | 13+ billion |
| 11/15-11/20 | Flooding | Vietnam | 42 | 427,258+ | 72+ million |
| 11/21-11/23 | CY Helen | India | 10 | Thousands+ | 800+ million |
| 11/28 | Earthquake | Iran | 8 | 5,000+ | Unknown |

Super Typhoon Haiyan struck the central Philippines as one of the strongest landfalling tropical cyclones in world history on the 8th, making landfall with estimated maximum sustained winds of 315 kph (195 mph). Nearly 8,000 people were left dead or missing and 28,626 others were injured as Haiyan brought torrential rains, a 6.0-meter (20-foot) storm surge, and battering waves to the archipelago. Damage was catastrophic with more than 1.2 million homes damaged or destroyed and the electrical, transportation and agricultural infrastructures decimated. Total economic losses were estimated at PHP571 billion (USD13 billion). Insured losses were listed by the government around PHP66 billion (USD1.5 billion). In Vietnam, 13 people were killed as heavy rains and high winds affected northern sections of the country. An additional five people died in China and 10,000 homes were destroyed.

Tropical Depression Podul, and later its remnants, brought tremendous rainfall across central and southern sections of Vietnam between the 15th and 20th, killing at least 42 people and injuring 66 others. According to Vietnam's Central Committee for Flood and Storm Control (CCFSC), the hardest-hit areas were in the provinces of Quang Ngai, Binh Dinh, Quang Nam, and Da Nang as most of the damage was attributed to several rivers (including the Mekong

River) overflowing their banks. More than 427,258 homes were damaged or destroyed and roughly 6,000 hectares (15,000 acres) of cropland was also submerged. Economic losses were estimated at VND1.5 trillion (USD72 million).

Cyclone Helen made landfall in India's Andhra Pradesh state on the 22nd, bringing periods of heavy rains and gusty winds. At least 10 storm-related fatalities were reported. The storm officially made landfall at approximately 2:00 PM local time (8:30 UTC) near Machilipatnam in the district of Krishna with maximum sustained winds of 65 kph (40 mph). The heaviest rains brought flooding to 600 villages in Andhra Pradesh's districts of Krishna, Guntur, East Godavari, West Godavari, and Visakhapatnam. Damage was significant to residential property, though most of the impacts were attributed to agricultural losses. State officials estimated that more than one million acres (405,000 hectares) of crops had been destroyed. Total economic losses were listed at INR50 billion (USD800 million).

A magnitude-5.6 earthquake rattled Iran's Gulf Coast region on the 28th, killing at least eight people and injuring 210 others. The tremor struck at 5:21 PM local time (13:51 UTC) with an epicenter 14 kilometers (9 miles) northeast of Borazjan, Iran at a depth of 16.4 kilometers (10.2 miles). Most of the damage was registered in rural areas near the epicenter, where officials reported that 300 homes had collapsed. Thousands of other homes sustained damage.

Oceania (Australia, New Zealand and the South Pacific Islands)

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|----------------|----------------------|--------|-----------------------|------------------------|
| 11/16 | Severe Weather | Australia (QLD, NSW) | 0 | Thousands+ | Millions+ |
| 11/18-11/23 | Severe Weather | Australia (QLD, NSW) | 0 | Thousands+ | Millions+ |

Rounds of severe thunderstorms spawned cricket ball-sized hail across parts of Australia's Queensland (QLD) and New South Wales (NSW) on the 16th, causing widespread damage. Some of the heaviest impacts were recorded in QLD's Brisbane and Gold and Sunshine coasts, where hail damaged hundreds of homes and vehicles. Similar damage was noted in northeastern NSW. Local insurers estimated losses well into the millions of dollars (USD).

An extended stretch of severe weather (though from different storm systems) affected Australia's QLD and NSW between the 18th and 23rd. Hail and damaging winds left considerable damage to homes and vehicles, though the most publicized damage resulted from several tornado touchdowns. Total economic losses were estimated in the millions (USD).

APPENDIX

Updated 2013 Data: January – October

United States

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-----------|----------------|----------------------------------|--------|-----------------------|------------------------|
| 1/1-11/30 | Drought | Nationwide | 0 | Unknown | 2.5+ billion |
| 1/8-1/10 | Severe Weather | Southeast | 0 | 500+ | 10+ million |
| 1/11-1/17 | Winter Weather | California | 0 | Unknown | 28+ million |
| 1/29-1/30 | Severe Weather | Southeast, Midwest, Plains | 3 | 25,000+ | 350+ million |
| 2/8-2/9 | Winter Weather | Northeast, Mid-Atlantic | 15 | 10,000+ | 100+ million |
| 2/9-2/11 | Winter Weather | Midwest, Plains, Southeast | 1 | 7,500+ | 100+ million |
| 2/21-2/22 | Winter Weather | Plains, Midwest, Southeast | 2 | Thousands+ | Millions+ |
| 2/24-2/27 | Winter Weather | Plains, Midwest, Northeast | 3 | 100,000+ | 1.0+ billion |
| 3/4-3/8 | Winter Weather | Plains, Midwest, Northeast | 5 | Thousands+ | 50+ million |
| 3/18-3/20 | Severe Weather | Southeast, Northeast | 2 | 225,000+ | 2.0+ billion |
| 3/23-3/25 | Winter Weather | Plains, Midwest, Northeast | 0 | Unknown | Unknown |
| 3/29-3/31 | Severe Weather | Plains, Southeast | 0 | 35,000+ | 325+ million |
| 4/1-4/2 | Severe Weather | Texas | 0 | 25,000+ | 250+ million |
| 4/7-4/11 | Severe Weather | Nationwide | 3 | 135,000+ | 1.75+ billion |
| 4/17-4/19 | Severe Weather | Central and Eastern U.S. | 3 | 75,000+ | 900+ million |
| 4/17-4/30 | Flooding | Midwest, Mississippi Valley | 4 | 25,000+ | 325+ million |
| 4/26-4/28 | Severe Weather | Plains, MS Valley, Southeast | 0 | 45,000+ | 350+ million |
| 4/29 | Severe Weather | Midwest | 0 | 12,500+ | 125+ million |
| 5/8-5/11 | Severe Weather | Texas, Oklahoma, Kansas | 0 | 30,000+ | 200+ million |
| 5/15-5/17 | Severe Weather | Plains, Southeast | 6 | 25,000+ | 500+ million |
| 5/18-5/22 | Severe Weather | Plains, Midwest, Northeast | 29 | 160,000+ | 3.75+ billion |
| 5/19 | Flooding | Georgia | 0 | Hundreds+ | 10+ million |
| 5/23 | Severe Weather | Texas | 0 | Thousands+ | Millions+ |
| 5/25 | Flooding | Texas | 3 | Thousands+ | Millions+ |
| 5/26-6/2 | Severe Weather | Plains, Midwest, Northeast | 27 | 150,000+ | 2.25+ billion |
| 5/30-6/8 | Wildfire | California | 0 | 58+ | 21.4+ million |
| 6/6-6/8 | TS Andrea | Florida, Eastern Seaboard | 3 | Hundreds+ | Unknown |
| 6/11-6/20 | Wildfire | Colorado | 2 | 4,500+ | 500+ million |
| 6/12-6/13 | Severe Weather | Midwest, Northeast, Mid-Atlantic | 4 | 75,000+ | 625+ million |
| 6/20-6/28 | Severe Weather | Central and Eastern U.S. | 2 | 80,000+ | 800+ million |
| 6/28-7/10 | Wildfire | Arizona | 19 | 129+ | Millions+ |
| 7/8-7/10 | Severe Weather | Central and Eastern U.S. | 1 | 20,000+ | 175 + million |
| 7/19-7/20 | Severe Weather | Plains, Midwest, Northeast | 1 | 25,000+ | 215+ million |
| 7/21-7/24 | Severe Weather | Plains, Rockies, Midwest | 0 | 20,000+ | 275+ million |
| 7/27-7/28 | Flooding | North Carolina, Pennsylvania | 2 | Hundreds+ | 25+ million |
| 8/1 | Severe Weather | Rockies, Plains | 0 | Thousands+ | 50+ million |
| 8/2-8/3 | Severe Weather | Rockies | 0 | 30,000+ | 400+ million |

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|------------|----------------|----------------------------|--------|-----------------------|------------------------|
| 8/5-8/7 | Severe Weather | Midwest, Plains | 2 | 85,000+ | 1.25+ billion |
| 8/5-8/12 | Flooding | Plains, Tennessee Valley | 3 | 5,000+ | 25+ million |
| 8/22 | Severe Weather | Colorado | 0 | 15,000+ | 250+ million |
| 8/17-9/20 | Wildfire | California | 0 | 111+ | 175+ million |
| 8/30-8/31 | Severe Weather | Plains, Midwest | 0 | 20,000+ | 170+ million |
| 9/9-9/15 | Wildfire | California | 1 | 211+ | 10+ million |
| 9/9-9/16 | Flooding | Colorado, New Mexico | 10 | 25,000+ | 2.0+ billion |
| 9/29-9/30 | Severe Weather | Washington, Oregon | 0 | Hundreds+ | Millions+ |
| 10/3-10/7 | Winter Weather | Plains, Midwest, Northeast | 3 | Thousands+ | 100+ million |
| 10/29-11/1 | Severe Weather | Plains, Midwest, Northeast | 3 | 15,000+ | 250+ million |

Remainder of North America (Canada, Mexico, Caribbean, Bermuda)

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-----------|----------------|-----------------------------|--------|-----------------------|------------------------|
| 1/1-5/31 | Drought | Panama | 0 | Unknown | 200+ million |
| 2/7-2/10 | Winter Weather | Canada | 3 | Thousands+ | 4.0+ million |
| 4/18 | Severe Weather | Canada | 0 | Hundreds+ | Unknown |
| 4/15-5/10 | Flooding | Canada | 0 | 2,000+ | Millions+ |
| 5/22 | Flooding | Bahamas | 0 | 1,000+ | 45+ million |
| 5/28-5/30 | HU Barbara | Mexico, Central America | 4 | 5,000+ | Unknown |
| 6/19-6/24 | Flooding | Canada | 4 | 25,000+ | 5.3+ billion |
| 6/20-6/21 | TS Barry | Mexico, El Salvador, Belize | 3 | 2,000+ | Unknown |
| 7/5-7/9 | HU Erick | Mexico | 2 | Hundreds+ | Unknown |
| 7/8 | Severe Weather | Canada | 0 | 25,000+ | 1.65+ billion |
| 7/9-7/11 | TS Chantal | Caribbean | 1 | Unknown | 10+ million |
| 7/19-7/20 | Severe Weather | Canada | 1 | Hundreds+ | Millions+ |
| 7/20-7/21 | Severe Weather | Canada | 0 | Hundreds+ | Millions+ |
| 8/21 | Earthquake | Mexico | 0 | Hundreds+ | Unknown |
| 8/25-8/26 | TS Fernand | Mexico | 14 | 1,000+ | Millions+ |
| 8/28-8/29 | TS Juliette | Mexico | 1 | Unknown | Unknown |
| 9/5-9/8 | Flooding | Mexico | 13 | Hundreds+ | Unknown |
| 9/6 | Earthquake | Guatemala | 1 | 500+ | Millions+ |
| 9/10-9/11 | TS Gabrielle | Bermuda | 0 | Unknown | Unknown |
| 9/13-9/17 | HU Ingrid | Mexico | 23 | 10,000+ | 1.5+ billion |
| 9/13-9/20 | HU Manuel | Mexico | 169 | 35,000+ | 4.2+ billion |

South America

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|----------|----------|----------|--------|-----------------------|------------------------|
| 1/1-5/31 | Drought | Brazil | 0 | Unknown | 8.0+ billion |
| 1/1-1/20 | Flooding | Brazil | 4 | 10,000+ | Millions+ |
| 1/1-2/20 | Flooding | Peru | 31 | 12,000+ | Unknown |

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-----------|----------------|-----------------------------|--------|-----------------------|------------------------|
| 1/24 | Flooding | Ecuador | 10 | Dozens+ | Unknown |
| 1/28-2/15 | Flooding | Bolivia | 24 | 582+ | 2.5+ million |
| 1/30 | Earthquake | Chile | 1 | Hundreds+ | Unknown |
| 2/9 | Earthquake | Colombia | 0 | 4,050+ | 4.0+ million |
| 2/21-2/22 | Wildfire | Chile | 0 | 100+ | Unknown |
| 3/15-3/18 | Flooding | Colombia | 0 | 11,200+ | Unknown |
| 3/17-3/18 | Flooding | Brazil | 30 | 1,000+ | 1.5+ million |
| 4/2-4/4 | Flooding | Argentina | 86 | 105,000+ | 1.3+ billion |
| 4/23 | Flooding | Ecuador | 14 | Dozens+ | Unknown |
| 6/20-7/19 | Flooding | Paraguay, Argentina, Brazil | 0 | 13,000+ | Unknown |
| 7/16 | Earthquake | Peru | 0 | 691+ | Millions+ |
| 8/24-8/31 | Winter Weather | Bolivia, Peru, Paraguay | 15 | Thousands+ | Millions+ |
| 9/10-9/30 | Winter Weather | Chile | 0 | Unknown | 1.15+ billion |
| 9/21-9/22 | Severe Weather | Brazil, Paraguay | 4 | 20,000+ | 115+ million |
| 9/23 | Flooding | Bolivia | 19 | Unknown | Unknown |
| 9/25 | Earthquake | Peru | 0 | 1,411+ | Unknown |

Europe

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|------------------|--------------------------|--------|-----------------------|------------------------|
| 1/17-1/22 | Winter Weather | Western Europe | 7 | 7,000+ | 715+ million |
| 1/28 | Flooding | Turkey | 7 | Unknown | Unknown |
| 2/15 | Meteor Explosion | Russia | 0 | 108,000+ | 33+ million |
| 2/22 | Flooding | Greece | 1 | 1,000+ | Millions+ |
| 2/24-2/26 | Flooding | Macedonia, Serbia | 1 | 2,000+ | Millions+ |
| 3/12-3/31 | Winter Weather | West/Central/East Europe | 30 | 150,000+ | 1.8+ billion |
| 3/14 | Severe Weather | Azores | 3 | 500+ | 45+ million |
| 4/23 | Earthquake | Hungary | 0 | 600+ | Unknown |
| 5/3 | Severe Weather | Italy | 0 | 5,000+ | 13.1+ million |
| 5/11-5/14 | Severe Weather | Turkey | 3 | 1,000+ | Unknown |
| 5/12 | Severe Weather | Armenia | 0 | 12,800+ | 61+ million |
| 5/22 | Severe Weather | Russia | 0 | 250+ | 3.2+ million |
| 5/30-6/15 | Flooding | Central Europe | 23 | 100,000+ | 22+ billion |
| 6/18-6/19 | Severe Weather | France, Spain | 3 | 100,000+ | 1.25+ billion |
| 6/20-6/21 | Severe Weather | Switzerland | 0 | 25,000+ | 250+ million |
| 7/19 | Flooding | Georgia | 0 | 3,800+ | Unknown |
| 7/27-7/28 | Severe Weather | Germany, France | 0 | 750,000+ | 4.25+ billion |
| 8/4-8/7 | Severe Weather | Central/Western Europe | 0 | 50,000+ | 500+ million |
| 8/4-8/31 | Flooding | Russia | 0 | 11,500+ | 1.0+ billion |
| 9/11-9/15 | Flooding | Romania | 9 | 2,000+ | 11+ million |
| 9/14-9/15 | Flooding | Ukraine | 2 | Hundreds+ | 21+ million |
| 10/27-10/29 | WS Christian | Western/Northern Europe | 18 | Thousands+ | 2.0+ billion |

Africa

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-----------|----------------|--------------------------|--------|-----------------------|------------------------|
| 1/1-8/31 | Drought | Namibia | 0 | Unknown | 64+ million |
| 1/10-2/28 | Flooding | Southern Africa | 175 | 125,000+ | 525+ million |
| 1/10-3/31 | Flooding | Namibia | 0 | 12,000+ | Unknown |
| 1/27-2/2 | CY Felleng | Madagascar, Seychelles | 18 | 9,965+ | 10+ million |
| 2/13 | Flooding | Mauritius | 0 | 1,500+ | 30+ million |
| 2/20-2/23 | CY Haruna | Madagascar | 26 | 16,449+ | 25+ million |
| 3/4 | Severe Weather | Central African Republic | 0 | 1,314+ | Unknown |
| 3/30 | Flooding | Mauritius | 11 | Thousands+ | Millions+ |
| 3/1-4/30 | Flooding | Ghana | 5 | 10,000+ | Unknown |
| 3/10-4/30 | Flooding | Kenya | 66 | 35,000+ | 36+ million |
| 4/6-4/7 | Flooding | Angola | 9 | 1,000+ | Unknown |
| 4/10-4/30 | Flooding | Ethiopia | 0 | 5,256+ | 2.2+ million |
| 5/1-5/5 | Flooding | Uganda | 10 | 5,000+ | 3.1+ million |
| 6/1 | Severe Weather | South Africa | 3 | 547+ | Unknown |
| 7/17 | Earthquake | Algeria | 0 | Thousands+ | Unknown |
| 7/15-8/19 | Flooding | Niger | 20 | 15,000+ | Unknown |
| 8/1-8/4 | Flooding | Sudan | 73 | 40,000+ | 7.0+ million |
| 8/9 | Flooding | Nigeria | 1 | 1,000+ | Unknown |
| 8/28 | Flooding | Mali | 55 | 1,000+ | Unknown |
| 8/5-9/25 | Flooding | Mauritania | 8 | 1,000+ | Millions+ |

Asia

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-----------|----------------|--------------------------|--------|-----------------------|------------------------|
| 1/1-1/20 | Winter Weather | India, Bangladesh, Nepal | 329 | Unknown | Unknown |
| 1/1-8/31 | Drought | China | 0 | Unknown | 10+ billion |
| 1/3-1/9 | Winter Weather | China | 0 | 7,500+ | 204+ million |
| 1/6-1/9 | Winter Weather | Middle East | 11 | 5,000+ | 345+ million |
| 1/11 | Flooding | China | 46 | 63+ | 48+ million |
| 1/15-1/23 | Flooding | Philippines | 10 | 5,000+ | 2.8+ million |
| 1/17-1/18 | Winter Weather | India | 0 | Thousands+ | 185+ million |
| 1/20-1/27 | Flooding | Indonesia | 41 | 100,274+ | 3.31+ billion |
| 1/22 | Earthquake | Indonesia | 1 | 100+ | Unknown |
| 1/25-1/27 | Flooding | Sri Lanka | 1 | 2,164+ | Unknown |
| 1/27 | Flooding | Indonesia | 21 | 100+ | Unknown |
| 1/28 | Earthquake | Kazakhstan, China | 1 | 8,900+ | 29+ million |
| 2/15-2/22 | Flooding | Indonesia | 17 | 11,608+ | Millions+ |
| 2/18-2/20 | TD Two | Philippines | 5 | 5,000+ | 1.68+ million |
| 2/18-2/21 | Winter Weather | China | 2 | 2,700+ | 124+ million |
| 2/19-2/20 | Earthquakes | China | 0 | 3,271+ | 67+ million |
| 2/26-2/28 | Flooding | Indonesia | 3 | 3,000+ | Unknown |

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-----------|----------------|----------------------------|--------|-----------------------|------------------------|
| 2/23-3/3 | Winter Weather | Japan | 9 | 384+ | 14.2+ million |
| 3/3 | Earthquake | China | 0 | 85,542+ | 56+ million |
| 3/9-3/13 | Severe Weather | China | 1 | 46,650+ | 161+ million |
| 3/11 | Earthquake | China | 0 | 864+ | Unknown |
| 3/17-3/18 | Flooding | China | 0 | 7,000+ | 13+ million |
| 3/18-3/20 | Severe Weather | China | 25 | 279,600+ | 259+ million |
| 3/22 | Severe Weather | Bangladesh | 35 | 3,387+ | Unknown |
| 3/25 | Flooding | Indonesia | 13 | 10+ | Unknown |
| 3/26-4/2 | Severe Weather | Vietnam | 1 | 25,000+ | 14.4+ million |
| 3/27 | Earthquake | Taiwan | 1 | 1,000+ | 1.0+ million |
| 3/29-3/30 | Severe Weather | China | 3 | 5,000+ | 26+ million |
| 3/29-3/30 | Severe Weather | Bangladesh, India | 11 | 5,004+ | Unknown |
| 4/6-4/9 | Severe Weather | Japan | 3 | 555+ | Unknown |
| 4/7-11 | Flooding | Indonesia | 11 | 22,830+ | Unknown |
| 4/9 | Earthquake | Iran | 41 | 3,100+ | 600+ million |
| 4/13 | Earthquake | Japan | 0 | 2,802+ | Unknown |
| 4/16 | Earthquake | Iran, Pakistan | 36 | 3,500+ | Unknown |
| 4/17 | Earthquake | China | 0 | 16,109+ | 38+ million |
| 4/17-4/19 | Severe Weather | China | 2 | 57,100+ | 309+ million |
| 4/20 | Earthquake | China | 196 | 620,000+ | 14+ billion |
| 4/20-5/15 | Flooding | Maldives | 0 | 1,000+ | Unknown |
| 4/22 | Flooding | China | 11 | Unknown | Unknown |
| 4/23-4/24 | Flooding | Afghanistan | 20 | 2,100+ | Unknown |
| 4/24 | Earthquake | Afghanistan | 18 | 2,000+ | Unknown |
| 4/25 | Earthquake | China | 1 | 29,000+ | 47+ million |
| 4/28-5/1 | Severe Weather | China | 12 | 43,400+ | 154+ million |
| 5/1 | Earthquake | India | 2 | 12,000+ | 4.6+ million |
| 5/6-5/10 | Flooding | China | 19 | 51,000+ | 293+ million |
| 5/13-5/16 | CY Mahasen | Bangladesh, Myanmar, India | 52 | 150,000+ | 200+ million |
| 5/14-5/16 | Flooding | China | 55 | 60,000+ | 935+ million |
| 5/19-5/23 | Flooding | China | 12 | 20,000+ | 445+ million |
| 5/24-5/27 | Flooding | China | 12 | 40,000+ | 333+ million |
| 6/1 | Earthquake | Taiwan | 4 | 500+ | 1.1+ million |
| 6/1-6/3 | Earthquake | Philippines | 0 | 500+ | Unknown |
| 6/1-8/31 | Flooding | Laos | 20 | 20,000+ | 60+ million |
| 6/5-6/8 | Flooding | China | 15 | 5,000+ | 277+ million |
| 6/8-6/10 | Severe Weather | Sri Lanka | 58 | 4,295+ | Millions+ |
| 6/14-6/18 | Flooding | India, Nepal | 6,500 | 25,000+ | 1.1+ billion |
| 6/14-6/21 | Flooding | China | 11 | 56,100+ | 555+ million |
| 6/21-6/23 | TS Bebinca | China, Vietnam | 0 | 1,000+ | 45+ million |
| 6/23-6/25 | Severe Weather | China | 11 | 10,000+ | 118+ million |
| 6/29-7/3 | Flooding | China | 55 | 125,000+ | 1.4+ billion |
| 6/29-7/2 | TY Rumbia | China, Philippines | 7 | 4,500+ | 178+ million |

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|----------------|----------------------------|--------|-----------------------|------------------------|
| 7/1-7/31 | Flooding | North Korea | 33 | 6,000+ | Unknown |
| 7/1-8/31 | Flooding | Nepal | 118 | 10,000+ | Unknown |
| 7/2 | Earthquake | Indonesia | 39 | 20,333+ | 134+ million |
| 7/7-7/17 | Flooding | China | 125 | 375,000+ | 4.5+ billion |
| 7/9-7/10 | Flooding | India | 174 | Thousands+ | Millions+ |
| 7/13-7/15 | STY Soulik | China, Taiwan | 9 | 10,000+ | 460+ million |
| 7/16-7/18 | TS Cimaron | China, Philippines | 1 | 10,000+ | 253+ million |
| 7/21-7/25 | Flooding | China | 36 | 143,700+ | 1.4+ billion |
| 7/22 | Earthquake | China | 95 | 80,000+ | 3.25+ billion |
| 7/25-7/28 | Flooding | Myanmar, Thailand | 13 | 20,000+ | 97+ million |
| 7/25-8/1 | Flooding | China | 10 | 25,000+ | 571+ million |
| 7/28 | Flooding | Japan | 2 | 2,178+ | Millions+ |
| 7/28-7/30 | Flooding | Vietnam | 5 | 1,000+ | 6.5+ million |
| 7/28-7/30 | Flooding | Indonesia | 12 | 1,628+ | Unknown |
| 8/1-8/9 | Flooding | Philippines | 11 | Hundreds+ | 36+ million |
| 8/2-8/4 | TS Jebi | China, Vietnam | 7 | 2,000+ | 21+ million |
| 8/3-8/15 | Flooding | Afghanistan | 75 | 10,000+ | Unknown |
| 8/3-9/30 | Flooding | Pakistan | 234 | 79,208+ | 1.9+ billion |
| 8/4-8/8 | Flooding | China | 18 | 20,000+ | 490+ million |
| 8/5-11/30 | Flooding | Cambodia | 168 | 120,000+ | 1.0+ billion |
| 8/9-9/5 | Flooding | China | 118 | 215,000+ | 5.0+ billion |
| 8/10-8/14 | Flooding | Afghanistan | 31 | 500+ | Unknown |
| 8/12-8/15 | STY Utor | China, Philippines | 81 | 126,053+ | 2.6+ billion |
| 8/14-9/4 | Flooding | Yemen | 37 | 10,000+ | Unknown |
| 8/18-8/21 | Flooding | Philippines | 27 | Thousands+ | 2.2+ billion |
| 8/19-8/21 | Flooding | China | 43 | 51,000+ | 457+ million |
| 8/21-8/23 | TY Trami | China, Taiwan | 2 | 11,100+ | 388+ million |
| 8/23-8/26 | Flooding | Japan | 2 | 1,861+ | Millions+ |
| 8/22-8/27 | Flooding | India | 73 | Thousands+ | Unknown |
| 8/23-8/27 | Flooding | China | 12 | 9,000+ | 278+ million |
| 8/27-8/31 | TS Kong-rey | Philippines, Taiwan, Japan | 4 | 1,000+ | 25+ million |
| 8/31 | Earthquake | China | 3 | 107,600+ | 155+ million |
| 9/1-10/31 | Flooding | Thailand | 80 | 35,000+ | 482+ million |
| 9/2-9/4 | Severe Weather | Japan | 0 | 1,288+ | Millions+ |
| 9/3-9/4 | Flooding | Vietnam | 8 | Hundreds+ | Unknown |
| 9/3-9/5 | TS Toraji | Japan | 1 | 1,439+ | Millions+ |
| 9/10 | Flooding | Afghanistan | 24 | 500+ | Unknown |
| 9/16-9/17 | TS Man-yi | Japan | 6 | 11,919+ | Millions+ |
| 9/16-9/18 | Flooding | China | 17 | 30,000+ | 343+ million |
| 9/16-9/18 | TD 18 | Vietnam, Laos | 7 | 15,000+ | 61+ million |
| 9/20-9/23 | STY Usagi | China, Philippines, Taiwan | 37 | 105,000+ | 3.8+ billion |
| 9/23-9/27 | Flooding | Philippines | 32 | 1,000+ | 4.0+ million |
| 9/24 & 9/28 | Earthquake | Pakistan | 825 | 47,000+ | 100+ million |

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|------------|----------------------|--------|-----------------------|------------------------|
| 9/29-10/2 | TY Wutip | Vietnam, China | 20 | 225,448+ | 517+ million |
| 10/4-10/8 | Flooding | Philippines | 20 | 1,500+ | 3.2+ million |
| 10/5-10/8 | TY Fitow | China, Japan | 8 | 97,000+ | 6.7+ billion |
| 10/11-10/13 | CY Phailin | India | 44 | 430,000+ | 1.1+ billion |
| 10/11-10/15 | TY Nari | Philippines, Vietnam | 34 | 171,000+ | 153+ million |
| 10/14-10/16 | TY Wipha | Japan | 38 | 6,394+ | 100s of Millions |
| 10/15 | Earthquake | Philippines | 222 | 100,000+ | 163+ million |
| 10/19 | Flooding | Indonesia | 0 | 4,000+ | Unknown |
| 10/21-10/26 | Flooding | India | 72 | 75,000+ | 260+ million |
| 10/22 | Earthquake | Indonesia | 1 | 650+ | Unknown |
| 10/31 | TY Krosa | Philippines | 3 | 28,220+ | 5.0+ million |

Oceania (Australia, New Zealand and the South Pacific Islands)

| Date | Event | Location | Deaths | Structures/ Claims | Economic Loss (USD) |
|-------------|----------------|-----------------------------|--------|-----------------------|------------------------|
| 1/1-5/10 | Drought | New Zealand | 0 | Unknown | 1.6+ billion |
| 1/1-1/17 | Wildfires | Australia (TAS, NSW, VIC) | 1 | 3,500+ | 175+ million |
| 1/21-1/30 | Flooding | Australia (QLD, NSW) | 6 | 87,843+ | 2.5+ billion |
| 2/6 | Earthquake | Solomon Islands | 13 | 1,066+ | Millions+ |
| 2/22-2/24 | Severe Weather | Australia (NSW, QLD) | 1 | 6,000+ | 16+ million |
| 2/25-2/27 | CY Rusty | Australia (WA) | 0 | Unknown | Unknown |
| 3/21 | Severe Weather | Australia (VIC, NSW) | 0 | 1,198+ | 21+ million |
| 4/20-4/21 | Flooding | New Zealand | 0 | 1,500+ | 39+ million |
| 6/18-6/21 | Winter Weather | New Zealand | 0 | 9,500+ | 40+ million |
| 7/21 | Earthquake | New Zealand | 0 | 4,612+ | 50+ million |
| 8/3 | Severe Weather | Australia (South Australia) | 0 | 100+ | 9.1+ million |
| 8/16 | Earthquake | New Zealand | 0 | 2,945+ | Millions+ |
| 8/29-9/2 | Flooding | Solomon Islands | 0 | 2,055+ | Millions+ |
| 9/10-9/11 | Severe Weather | New Zealand | 0 | 2,000+ | 20+ million |
| 10/17-10/31 | Bushfires | Australia (NSW) | 2 | 1,632+ | 250+ million |

Additional Report Details

TD = Tropical Depression, TS = Tropical Storm, HU = Hurricane, TY = Typhoon, STY = Super Typhoon, CY = Cyclone

Fatality estimates as reported by public news media sources and official government agencies.

Structures defined as any building – including barns, outbuildings, mobile homes, single or multiple family dwellings, and commercial facilities – that is damaged or destroyed by winds, earthquakes, hail, flood, tornadoes, hurricanes or any other natural-occurring phenomenon. Claims defined as the number of claims (which could be a combination of homeowners, commercial, auto and others) reported by various insurance companies through press releases or various public media outlets.

Damage estimates are obtained from various public media sources, including news websites, publications from insurance companies, financial institution press releases and official government agencies. Damage estimates are obtained from various public media sources, including news websites, publications from insurance companies, financial institution press releases and official government agencies. Economic loss totals include any available insured loss estimates, which can be found in the corresponding event text.

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