



Global Catastrophe Recap

October 2014

Table of Contents

Executive Summary	3
United States	4
Remainder of North America (Non-U.S.)	4
South America	5
Europe	5
Africa	6
Asia	6
Oceania (Australia, New Zealand, South Pacific Islands)	7
Appendix	8
Contact Information	14

Executive Summary

- Cyclone Hudhud strikes India killing 68 people and causes USD11 billion in economic damage
- Japan and Bermuda each endure multiple tropical cyclones in less than one week's time
- Severe weather events in the United States cause hundreds of millions of dollars in damage

Cyclone Hudhud made landfall in the Indian state of Andhra Pradesh with wind speeds of 215 kph (130 mph), killing 68 people in four states as it made its way inland. The storm downed trees and power cables, caused widespread flooding and severe structural damage to residential, commercial, and government properties. Official loss estimates were tentatively listed at INR700 billion (USD11 billion), with insurance claims estimated to reach INR40 billion (USD650 million). The remnants of Hudhud later struck Nepal and caused avalanches and blizzards that claimed 43 lives.

Hudhud became the second event in as many months to cost the Indian insurance industry more than INR40 billion (USD650 million), as commercial, residential and agricultural lines of business were hit hard.

Japan was struck twice in one week by weakened Super Typhoons Phanfone and Vongfong. Phanfone made landfall in Shizuoka Prefecture, and killed at least 11 people after causing widespread flash flooding and landslides. Vongfong struck Japan after it caused minor damage in the Northern Mariana Islands. Vongfong claimed six lives and caused some structural damage. Economic losses from Phanfone and Vongfong were each tentatively estimated minimally at JPY10.5 billion (USD100 million).

Bermuda was also affected twice in less than a week by tropical systems: Hurricane Fay (which grazed the islands as a tropical storm) and Hurricane Gonzalo (which made a direct landfall on the island). Gonzalo struck Bermuda as a Category 2 Hurricane with wind speeds of 110 mph (175 kph) and caused varying levels of residential and commercial damage. Insurers reported lower-than-forecast losses that were expected to settle around USD100 million.

Gonzalo initially tracked through the Lesser Antilles, where four people were killed. The storm's remnants later affected Europe as three people were killed following strong winds, torrential rain, and heavy snowfall in western, central, and southern portions of the continent. Damages in Netherlands, Germany, and Slovenia were expected to reach EUR33 million (USD42 million).

Tropical Storm Trudy made landfall in Mexico, damaging nearly 10,000 homes and leaving six dead.

Stretches of severe weather affected the central and eastern U.S. during in the first half of the month, as straight-line winds, hail and isolated tornadoes caused widespread property damage. Two people died. Also, an autumn storm that formed from the remnants of Hurricane Ana brought high winds and heavy rains to the Pacific Northwest, killing two people and causing economic damages of USD12 million.

Severe weather also caused damage in parts of Italy and Australia during October.

Flood events killed 36 people in Central America and up to 100 people in Congo, while a lightning storm killed 11 residents in Colombia.

A magnitude-6.0 earthquake struck China, killing one person and causing USD835 million in damages.

Monsoon rains triggered a large landslide in central Sri Lanka that killed at least 38 people.

United States

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/1-10/3	Severe Weather	Plains, Midwest, Southeast	0	35,000+	425+ million
10/12-10/14	Severe Weather	Plains, Midwest, Southeast	2	20,000+	200+ million
10/25	Severe Weather	Northwest	2	Unknown	12+ million

Powerful thunderstorms triggered large hail, strong winds, isolated tornadoes and torrential rain across parts of the central and southern United States between the 1st and 3rd. No fatalities were reported, though several people were injured. The states of Texas, Kansas, Oklahoma, Mississippi, Alabama, Arkansas, Missouri, and Kentucky were among the hardest-hit, with the majority of the damage related to downed trees and power lines onto homes and vehicles, while golf ball and baseball-sized hail shattered windows and punctured roofs. Total economic losses were estimated at USD425 million, while insurers reported losses in excess of USD275 million.

A spring-like weather pattern spawned a severe weather outbreak across much of the central and eastern United States from the 12th to 14th. Powerful thunderstorms triggered hail, damaging winds, and tornadoes that killed at least two people in the Deep South. Hardest hit were the states of Arkansas, Louisiana, Alabama, Mississippi, Kentucky, and Illinois where much of the damage was attributed to straight line winds. Trees and power lines were downed damaging homes, businesses, and vehicles. A state of emergency was declared in Louisiana. Total economic losses were estimated at USD200 million, while insurers reported losses in excess of USD125 million.

A strong autumn storm, formed from the remnants of Hurricane Ana, brought strong winds and heavy rain to Washington and Oregon on the 25th. Two people were killed as the storm downed trees and created rough conditions offshore. More than 300,000 customers were left without power and transport was severely disrupted. Economic losses were estimated to be in excess of USD12 million.

Remainder of North America (Non-U.S.)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/12	HU Fay	Bermuda	0	1,000+	Millions+
10/13-10/17	HU Gonzalo	Bermuda, Caribbean Islands	4	Thousands+	150+ million
10/14	Earthquake	Central America	1	100+	Unknown
10/15-10/17	Flooding	Guatemala, Honduras, Nicaragua	36	13,500+	Millions+
10/18-10/19	TS Trudy	Mexico	8	10,000+	Millions+

Hurricane Fay grazed the island of Bermuda on the 12th causing disruption to power supplies and damage to property. No injuries or fatalities were reported as a result of the storm. Damage was mainly confined to vehicles, boats, and roofs. Roughly 1,000 insurance claims were filed.

Hurricane Gonzalo made landfall on Bermuda on the 17th as a 110 mph (175 kph) Category 2 storm. Government officials reported that the storm's high winds, flooding rains and storm surge caused residential and commercial damage throughout the island. However, the volume of filed claims was lower than expected with payouts estimated to be roughly USD100 million. Economic losses were slightly higher. Prior to landfall in Bermuda, Gonzalo crossed the northern Lesser Antilles Islands on the 13th and 14th. At least four people were killed in multiple islands.

A strong magnitude-7.3 earthquake struck off the coast of El Salvador on the 14th killing one person. The earthquake struck at 9:52 PM local time (03:52 UTC September 15) with an epicenter located 67 kilometers (42 miles) west-southwest of Jiquilillo, Nicaragua. Damage was largely confined to El Salvador where several buildings sustained damage and landslides were generated.

A slow-moving tropical wave brought torrential rainfall to Guatemala, Honduras, and Nicaragua from the 15th to 17th causing widespread floods and triggering landslides. At least 36 people died as a result of flooding and landslides and over 13,500 homes were damaged. Damage to crops alone in Honduras was estimated at HNL30 million (USD1.4 million).

Tropical Storm Trudy struck the southwestern Mexico coast on the 18th, bringing extreme rainfall to the states of Guerrero and Oaxaca. At least six people died and nearly 10,000 homes were damaged as numerous landslides and flash floods were triggered by the deluge. There was widespread destruction of infrastructure, and 36 municipalities in Guerrero declared a state of emergency.

South America

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/6	Severe Weather	Colombia	11	Unknown	Unknown

At least 11 people were killed by lightning strikes in Colombia's remote Sierra Nevada Mountains near Santa Marta on the 6th. Eighteen others were injured.

Europe

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/8-10/11	Severe Weather	Italy	1	Thousands+	500+ million
10/20-10/25	Ex-HU Gonzalo	Western, Central, and Southern Europe	3	Thousands+	42+ million

The Italian city of Genoa was inundated by flash floods as torrential rainfall generated by severe thunderstorms affected the northern part of the country from the 8th to 11th. One fatality was reported as floodwaters swept through the city and one person was injured as a rainfall-induced landslide derailed a train. Damage to public infrastructure alone in Genoa, Turin, Parma, Padova, and Brescia will cost at least EUR200 million (USD253 million). Overall losses were even higher.

The post-tropical remnants of Hurricane Gonzalo struck Western Europe from the 20th to 22nd, causing widespread damage. Across the U.K., Netherlands, Belgium, Germany, and Austria, strong wind gusts caused extensive commercial and residential damage and left two people dead in the U.K. The system then moved across Hungary, Slovenia, Croatia, and Bulgaria where it brought heavy rainfall and snow to some areas causing further damage and flash-floods and claiming another life in Bulgaria. The system later stalled over Greece on the 24th and 25th while bringing torrential rain to parts of the country. Athens was particularly badly affected by flash floods. Damages in Netherlands are expected to cost EUR2.0 million (USD2.6 million); in Germany, losses are expected to cost EUR1.0 million (USD1.3 million); while damages in Ljubljana, Slovenia, are estimated to be in excess of EUR30 million (USD38 million).

Africa

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/25-10/28	Severe Weather	Congo	30+	750+	Unknown

Flash flooding and landslides affected Congo's South Kivu Province between the 25th and 28th, killing as many as 100 people. One village alone reported that 750 homes had been destroyed.

Asia

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/4-10/7	STY Phanfone	Japan	11	3,000+	100+ million
10/6-10/14	STY Vongfong	Japan, Northern Mariana Islands	9	500+	100+ million
10/7	Earthquake	China	1	51,000+	835+ million
10/12-10/14	CY Hudhud	India	68	200,000+	11+ billion
10/14	Winter Weather	Nepal	43	Unknown	Unknown
10/29	Landslide	Sri Lanka	38	66+	Unknown

A weakened Super Typhoon Phanfone made landfall in Japan's Shizuoka Prefecture on the 6th, leaving at least 11 people dead. The storm brought up to 489 millimeters (19.25 inches) of rain and wind gusts beyond 110 kph (70 mph) across the islands, as flash flooding and landslides inundated at least 2,902 homes and other structures. Okinawa, Shizuoka, Aichi, and Kanagawa prefectures were hardest-hit, and Tokyo was also impacted. Phanfone cut electricity, damaged infrastructure, led to travel delays, and submerged agriculture. Economic losses were tentatively estimated at JPY10.5 billion (USD100 million).

A weakened Super Typhoon Vongfong made landfall in Japan's Kagoshima Prefecture on the 13th after earlier tracking through Guam and the Northern Mariana Islands. At least nine people died and 94 others were injured. The storm, at one point a Category 5 typhoon with 290 kph (180 mph) winds, initially caused minor damage on the Pacific islands of Guam and Rota before reaching Japan where it unleashed torrential rainfall across the country. In just 48 hours, the recording station at Mikado, Kyushu recorded 515 millimeters (20.28 inches) of rainfall. At least 368 homes were damaged. Economic losses were tentatively estimated at JPY10.5 billion (USD100 million).

A USGS-registered magnitude-6.0 earthquake struck southwest China's Yunnan Province on the 7th, killing at least one person and injuring 331 others. The tremor occurred at 9:50 PM local time (13:50 UTC) with an epicenter located 22 kilometers (14 miles) west-southwest of the city of Weiyuan. Data from the Ministry of Civil Affairs (MCA) indicated that the earthquake damaged or destroyed nearly 51,000 homes. Total economic losses were listed at CNY5.11 billion (USD835 million).

Cyclone Hudhud made landfall on eastern India's Andhra Pradesh coast on the 12th with wind speeds of 215 kph (130 mph). The storm killed 68 people in four states as strong winds and flooding rains downed trees and power cables and caused severe damage to hundreds of thousands of homes. Severe structural damage was sustained to the airport at Visakhapatnam and to facilities at the ports of Visakhapatnam and Gangavaram. Government officials tentatively estimated economic losses may be as high as INR700 billion (USD11 billion), with insurance claims estimated to reach INR40 billion (USD650 million). The insured breakout included INR25 billion (USD405 million) for residential and commercial claims, and INR15 billion (USD245 million) for crop claims.

The remnant low pressure system of Cyclone Hudhud made its way to Nepal by 14th causing unseasonable blizzards and torrential rainfall that triggered avalanches throughout western parts of the Himalayan country. At least 43 people died as a result of the weather.

Torrential monsoon rains triggered a catastrophic landslide in central Sri Lanka on the 29th, killing at least 38 people though the final toll could be higher. The landslide covered a row of 66 homes on a tea plantation with more than 9 meters (30 feet) of mud.

Oceania (Australia, New Zealand, South Pacific Islands)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
10/14-10/15	Severe Weather	Australia	0	Hundreds+	Unknown

An “East Coast Low” brought severe weather to the Sydney Metro area on 14th and 15th where severe thunderstorms generated gale-force winds, torrential rainfall, and snow over higher elevations. In some parts of the city, meteorologists from the Australia’s Bureau of Meteorology (BoM) estimated rainfall totals to be a 1-in-100 year event. Flash flooding hampered road and rail travel while heavy snowfall and severe wind gusts caused widespread power outages. Despite the active weather period, insurers noted that only a small number of claims were filed.

Appendix

Updated 2014 Data: January – September

United States

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
1/1-9/1	Drought	Western U.S.	0	Unknown	4.0+ billion
1/1-1/5	Winter Weather	Midwest, Ohio Valley, Northeast	16	10,000+	200+ million
1/5-1/8	Winter Weather	Midwest, Northeast, Southeast	21	150,000+	3.0+ billion
1/11	Severe Weather	Southeast	2	5,000+	50+ million
1/20-1/22	Winter Weather	Central and Eastern U.S.	4	Thousands+	100+ million
1/26-1/29	Winter Weather	Southeast, Midwest, Mid-Atlantic	13	Thousands+	250+ million
2/3-2/6	Winter Weather	Midwest, Plains, Northeast	9	30,000+	250+ million
2/11-2/14	Winter Weather	Southeast, Northeast	25	50,000+	900+ million
2/20-2/21	Severe Weather	Midwest, Southeast, Mid-Atlantic	1	20,000+	175+ million
2/28-3/4	Winter Weather	Nationwide	12	Thousands+	Millions+
3/1-3/31	Flooding	Montana, Wyoming	0	Hundreds+	10+ million
3/6-3/7	Winter Weather	Southeast, Mid-Atlantic	0	12,500+	100+ million
3/22	Mudslide	Washington	41	50+	10+ million
3/27-3/29	Severe Weather	Midwest, Plains, Southeast	0	100,000+	800+ million
3/28	Earthquake	California	0	Hundreds+	25+ million
4/2-4/4	Severe Weather	Plains, Midwest, Southeast	0	160,000+	1.5+ billion
4/12-4/14	Severe Weather	Plains, Midwest, Southeast	0	100,000+	950+ million
4/27-5/1	Severe Weather	Central/Eastern U.S.	39	115,000+	1.6+ billion
5/7-5/9	Severe Weather	Plains, Midwest	0	25,000+	250+ million
5/10-5/15	Severe Weather	Plains, Midwest, Mid-Atlantic	0	100,000+	950+ million
5/11-5/20	Wildfires	Texas, California	2	400+	100+ million
5/18-5/23	Severe Weather	Midwest, Rockies, Northeast	0	425,000+	4.25+ billion
5/24-5/28	Severe Weather	Southwest	0	25,000+	200+ million
6/3-6/9	Severe Weather	Midwest, Plains, Rockies	3	115,000+	1.9+ billion
6/10-6/12	Severe Weather	Midwest, Plains, Rockies	0	20,000+	150+ million
6/12-6/13	Severe Weather	Texas	0	40,000+	550+ million
6/14-6/19	Severe Weather	Midwest, Plains, Rockies	2	75,000+	775+ million
6/24-6/25	Severe Weather	Colorado, Wyoming, Kansas	0	30,000+	275+ million
6/29-7/1	Severe Weather	Midwest, Plains, Ohio Valley	4	55,000+	550+ million
7/1-7/6	HU Arthur	Eastern Seaboard	0	Hundreds+	10+ million
7/7-7/9	Severe Weather	Central & Eastern U.S.	5	45,000+	350+ million
7/14-8/15	Wildfire	Washington	1	300+	75+ million
7/26-7/28	Severe Weather	Central & Eastern U.S.	0	30,000+	225+ million
8/3	Flooding	California	1	100+	Millions+
8/8-8/10	HU Iselle	Hawaii	1	278+	66+ million
8/11-8/13	Flooding	Midwest, Northeast, Mid-Atlantic	1	70,000+	2.0+ billion
8/19	Flooding	Arizona	0	100+	10+ million

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
8/24	Earthquake	California	0	Thousands+	2.0+ billion
8/31-9/2	Severe Weather	Midwest, Plains, Northeast	0	Thousands+	Millions+
8/31-9/2	Severe Weather	Plains, Midwest, Northeast, Mid-Atlantic	1	Thousands+	Millions+
9/7-9/9	Flooding	Southwest	2	15,000+	225+ million
9/14-9/25	Wildfires	California	0	275+	100+ million
9/27-9/30	Severe Weather	Southwest, Rockies	0	90,000+	1.0+ billion

Remainder of North America (Non-U.S.)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
1/13	Earthquake	Puerto Rico	0	Hundreds+	Unknown
1/1-3/31	Drought	Haiti	0	Unknown	Millions+
3/26	Winter Weather	Canada	0	Thousands+	Millions+
4/10	Earthquake	Nicaragua	1	2,354+	Millions+
4/18	Earthquake	Mexico	0	2,500+	Millions+
5/30-6/2	TS Boris	Mexico, Guatemala	6	Hundreds+	Unknown
6/17	Severe Weather	Canada	0	100+	50+ million
6/28-7/10	Flooding	Canada	0	Thousands+	745+ million
7/5-7/7	HU Arthur	Canada	0	Hundreds+	15+ million
7/7	Earthquake	Mexico, Guatemala	9	20,000+	25+ million
8/1-8/4	HU Bertha	Caribbean, Bahamas	0	Hundreds+	Unknown
8/4	Flooding	Canada	0	2,300+	250+ million
8/7-8/8	Severe Weather	Canada	0	25,000+	600+ million
6/1-10/1	Drought	Guatemala	0	Unknown	58+million
9/2-9/3	TS Dolly	Mexico	0	500+	Unknown
9/4-9/8	HU Norbert	Mexico	3	3,000+	25+ million
9/10-9/17	HU Odile	Mexico	5	50,000+	Billions+

South America

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
1/1-2/28	Flooding	Bolivia	64	25,000+	100+ million
1/1-4/30	Drought	Brazil	0	Unknown	4.3+ billion
1/12	Flooding	Brazil	24	500+	Unknown
2/15-3/31	Flooding	Brazil, Bolivia, Peru	0	29,500+	200+ million
4/1	Earthquake	Chile	7	13,000+	100+ million
4/12-4/16	Wildfire	Chile	15	2,900+	34+ million
5/19-5/23	Severe Weather	Brazil	0	Thousands+	Millions+
6/7-6/30	Flooding	Brazil, Paraguay, Argentina	15	25,000+	300+ million
8/12	Earthquake	Ecuador	3	Hundreds+	Unknown
8/24	Earthquake	Peru	0	200+	Millions+
9/27	Earthquake	Peru	8	150+	Unknown

Europe

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
12/23-3/1	Flooding	United Kingdom	0	420,000+	1.5+ billion
1/2-1/3	WS Anne	United Kingdom, France	0	Thousands+	100+ million
1/5-1/7	WS Christina	UK, France, Scandinavia	3	Thousands+	500+ million
1/26-1/30	Winter Weather	Central/Western Europe	4	5,000+	Millions+
1/26-2/3	Earthquakes	Greece	0	1,000+	Millions+
2/1-2/8	WS Nadja & Petra	Western/Central Europe	1	Thousands+	410+ million
2/11-2/13	WS Tini	Western Europe	1	Thousands+	700+ million
2/14-2/15	WS Ulla	Western Europe	5	Thousands+	100+ million
4/19-4/22	Flooding	Romania, Serbia, Bulgaria	4	Hundreds+	10+ million
5/13-5/21	Flooding	Southeast Europe	80	150,000+	4.5+ billion
5/24	Earthquake	Greece, Turkey	0	Hundreds+	Millions+
5/27-5/31	Flooding	Russia	0	16,000+	15+ million
6/8-6/10	Severe Weather	France, Germany, Belgium	6	400,000+	3.5+ billion
6/19-6/20	Flooding	Bulgaria	15	5,500+	38+ million
7/8-7/11	Severe Weather	Western & Central Europe	5	25,000+	500+ million
7/26-7/30	Flooding	Western & Central Europe	3	5,000+	135+ million
8/2	Flooding	Italy	4	Hundreds+	Millions+
8/30-8/31	Flooding	Denmark, Sweden	0	Thousands+	Millions+
9/4-9/6	Severe Weather	Bulgaria	3	2,000+	10+ million
9/7	Flooding	Italy	2	2,000+	25+ million
9/10-9/14	Flooding	Croatia, Slovenia, Serbia	3	5,000+	Millions+
9/18	Flooding	France	5	Hundreds+	Millions+

Africa

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
1/21	Flooding	Tanzania	1	4,086+	Millions+
1/20-2/10	Flooding	Zimbabwe	0	6,393+	20+ million
2/9-2/10	Flooding	Burundi	77	3,790+	Millions+
3/2-3/20	Flooding	South Africa	32	Thousands+	85+ million
3/29-4/1	CY Hellen	Madagascar, Comoros	17	2,000+	Millions+
6/28	Flooding	Nigeria	15	Thousands+	Unknown
7/25-8/4	Flooding	Sudan	17	3,000+	Unknown
8/1	Earthquake	Algeria	6	Thousands+	Unknown
8/5	Earthquake	South Africa	1	400+	Unknown
8/1-8/31	Flooding	Niger	18	5,511+	Millions

Asia

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
1/1-2/1	Volcano	Indonesia	32	Unknown	83+ million
1/1-4/30	Drought	Pakistan	180	Unknown	18+ million
1/2	Earthquake	Iran	1	Thousands+	Millions+
1/11-1/20	Flooding	Philippines	79	3,500+	13+ million
1/12-1/15	Winter Weather	China	0	Unknown	89+ million
1/14-1/17	Flooding	Indonesia	20	10,844+	153+ million
1/14-1/21	Flooding	Indonesia	12	38,762+	430+ million
1/15-1/31	Winter Weather	Thailand	63	Unknown	Unknown
1/17-1/20	Winter Weather	India	25	Unknown	Unknown
1/17-1/22	Winter Weather	China	0	Unknown	79+ million
1/19-1/22	Flooding	Indonesia	13	4,000+	515+ million
1/24-1/28	Flooding	Indonesia	26	100+	173+ million
1/31-2/1	TD Kajiki	Philippines	6	427+	3.2+ million
1/1-8/31	Drought	Sri Lanka	0	Unknown	25+ million
2/1-2/7	Winter Weather	Afghanistan, Kyrgyzstan	46	Hundreds+	Unknown
2/4-2/5	Winter Weather	China	0	10,000+	115+ million
2/7-2/14	Winter Weather	China	10	20,000+	675+ million
2/8-2/16	Winter Weather	Japan	95	288,000+	6.25+ billion
2/12	Earthquake	China	0	90,000+	350+ million
2/13-2/20	Flooding	Malaysia	2	5,000+	25+ million
2/14	Volcano	Indonesia	7	12,447+	103+ million
2/17	Winter Weather	South Korea	10	Unknown	11+ million
2/17-2/21	Winter Weather	China	0	5,000+	140+ million
2/22	Flooding	Indonesia	11	2,000+	Millions+
3/10-3/12	Winter Weather	India	17	1,922+	Unknown
3/12-3/14	Winter Weather	China	0	2,000+	50+ million
3/19-3/20	Severe Weather	China	1	5,000+	118+ million
3/23-3/27	Severe Weather	China	0	15,000+	95+ million
3/27-4/4	Severe Weather	China	27	80,000+	161+ million
4/5	Earthquake	China	0	15,000+	80+ million
4/7-4/9	Severe Weather	China	0	1,000+	230+ million
4/11-4/12	Flooding	Tajikistan	15	500+	Millions+
4/14-4/16	Severe Weather	China	0	1,000+	155+ million
4/16-4/20	Severe Weather	China	3	20,000+	156+ million
4/18	Winter Weather	Nepal	16	Unknown	Unknown
4/22-4/28	Severe Weather	China	9	10,000+	452+ million
4/24-5/15	Flooding	Afghanistan	2,665	15,000+	Unknown
4/27-4/28	Severe Weather	Bangladesh	16	1,000+	Unknown
5/3-5/7	Winter Weather	China	0	Unknown	417+ million
5/5	Earthquake	Thailand	1	4,000+	62+ million
5/8-5/15	Flooding	China	3	15,000+	450+ million
5/24	Earthquake	China	0	45,000+	60+ million

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
5/24-5/28	Flooding	China	37	95,000+	1.2+ billion
5/30	Earthquake	China	0	22,000+	Millions+
5/30-5/31	Severe Weather	India	15	Hundreds+	Unknown
6/1-6/7	Flooding	China	33	74,000+	675+ million
6/2	Flooding	Sri Lanka	27	1,487+	Millions+
6/6-6/7	Flooding	Afghanistan	150	2,000+	Unknown
6/9-6/10	Severe Weather	China	1	5,000+	193+ million
6/14-6/16	TS Hagibis	China	0	1,000+	131+ million
6/16-6/18	Severe Weather	China	11	5,000+	94+ million
6/17-6/21	Flooding	China	30	85,000+	925+ million
6/23-6/25	Flooding	China	4	5,000+	75+ million
6/25-6/30	Flooding	China	24	30,000+	483+ million
6/26-6/28	Flooding	India	27	Thousands+	Millions+
6/20-8/31	Drought	China	0	Unknown	5.2+ billion
7/3-7/7	Flooding	China	36	10,000+	547+ million
7/8-7/11	STY Neoguri	Japan	7	1,000+	100+ million
7/13-7/18	Flooding	China	66	80,000+	1.25+ billion
7/15-7/20	STY Rammasun	Philippines, China, Vietnam	206	1.0+ million	7.2+ billion
7/16-7/22	Flooding	India, Nepal	34	Thousands+	Unknown
7/19-7/20	Severe Weather	China	5	5,000+	275+ million
7/22-7/24	TY Matmo	Taiwan, China, Philippines	15	30,000+	570+ million
7/30	Landslide	India	209	44+	Unknown
7/30-8/31	Flooding	Cambodia	45	11,590+	Millions+
8/2	Landslide	Nepal	156	129+	15+ million
8/3	Earthquake	China	617	225,000+	3.3+ billion
8/3-8/4	Flooding	India	35	25,000+	100s of Millions
8/3-8/6	TS Nakri	South Korea, Japan	14	2,000+	Millions+
8/4-8/8	Flooding	Southeast Asia	9	Thousands+	Millions+
8/9-8/11	Flooding	Indonesia	3	2,638+	Unknown
8/10-8/12	STY Halong	Japan	10	7,218+	100s of Millions
8/11-8/16	Flooding	India, Nepal	214	35,000+	82+ million
8/12-8/13	Flooding	China	27	30,000+	487+ million
8/15	Flooding	Pakistan	16	500+	Unknown
8/15-9/10	Flooding	Bangladesh	14	275,000+	150+ million
8/16-8/20	Flooding	Japan	73	2,500+	Millions+
8/18	Earthquake	Iran	0	17,000+	44+ million
8/22-8/28	Flooding	China	10	10,000+	700+ million
8/25	Flooding	South Korea	13	Thousands+	Millions+
8/26-9/12	Flooding	Thailand	10	14,652+	10+ million
9/1-9/6	Flooding	China	65	60,000+	570+ million
9/2-9/15	Flooding	India, Pakistan	648	375,000+	18+ billion
9/10-16	TY Kalmaegi	Philippines, China, Vietnam	31	83,000+	3.0+ billion
9/10-9/17	Flooding	China	50	213,000+	1.4+ billion
9/18-9/24	TS Fung-Wong	Philippines, Taiwan, China	21	12,000+	232+ million

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
9/20-9/25	Flooding	India	73	Thousands+	163+ million
9/25-9/26	Severe Weather	China	0	Unknown	134+ million
9/27	Volcano	Japan	47	Unknown	Unknown

Oceania (Australia, New Zealand, South Pacific Islands)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
1/10-1/12	CY Ian	Tonga	1	1,130+	48+ million
1/12-1/19	Wildfires	Australia (WA, VIC, SA)	2	350+	25+ million
1/20	Earthquake	New Zealand	0	4,004+	Millions+
1/30-1/31	CY Dylan	Australia (QLD)	0	Unknown	Unknown
2/25-2/28	Flooding	Fiji	0	Hundreds+	2.1+ million
3/4-3/5	Flooding	New Zealand	0	1,000+	30+ million
3/9-3/12	CY Lusi	Vanuatu	12	Hundreds+	Millions+
4/3-4/4	Flooding	Solomon Islands	23	Thousands+	24+ million
4/10-4/14	CY Ita	Australia	0	680+	1.0+ billion
4/17	Severe Weather	New Zealand	0	10,000+	65+ million
6/10-6/11	Severe Weather	New Zealand	0	6,000+	45+ million
7/8-7/11	Severe Weather	New Zealand	0	3,000+	20+ 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.

Contact Information

Adam Podlaha

Head of Impact Forecasting
Aon Benfield Analytics
Impact Forecasting
+44 (0) 20 7522 3820
adam.podlaha@aonbenfield.com

Steve Bowen

Associate Director (Meteorologist)
Aon Benfield Analytics
Impact Forecasting
+1.312.381.5883
steven.bowen@aonbenfield.com

Claire Kennedy

Senior Analyst (Meteorologist)
Aon Benfield Analytics
Impact Forecasting
+65 6645 0110
claire.kennedy@aonbenfield.com

About Aon Benfield

Aon Benfield, a division of Aon plc (NYSE: AON), is the world's leading reinsurance intermediary and full-service capital advisor. We empower our clients to better understand, manage and transfer risk through innovative solutions and personalized access to all forms of global reinsurance capital across treaty, facultative and capital markets. As a trusted advocate, we deliver local reach to the world's markets, an unparalleled investment in innovative analytics, including catastrophe management, actuarial and rating agency advisory. Through our professionals' expertise and experience, we advise clients in making optimal capital choices that will empower results and improve operational effectiveness for their business. With more than 80 offices in 50 countries, our worldwide client base has access to the broadest portfolio of integrated capital solutions and services. To learn how Aon Benfield helps empower results, please visit aonbenfield.com.

Copyright © by Impact Forecasting®

No claim to original government works. The text and graphics of this publication are provided for informational purposes only. While Impact Forecasting® has tried to provide accurate and timely information, inadvertent technical inaccuracies and typographical errors may exist, and Impact Forecasting® does not warrant that the information is accurate, complete or current. The data presented at this site is intended to convey only general information on current natural perils and must not be used to make life-or-death decisions or decisions relating to the protection of property, as the data may not be accurate. Please listen to official information sources for current storm information. This data has no official status and should not be used for emergency response decision-making under any circumstances.

Cat Alerts use publicly available data from the internet and other sources. Impact Forecasting® summarizes this publicly available information for the convenience of those individuals who have contacted Impact Forecasting® and expressed an interest in natural catastrophes of various types. To find out more about Impact Forecasting or to sign up for the Cat Reports, visit Impact Forecasting's webpage at impactforecasting.com.

Copyright © by Aon plc.

All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise. Impact Forecasting® is a wholly owned subsidiary of Aon plc.