

Global Catastrophe Recap

December 2020

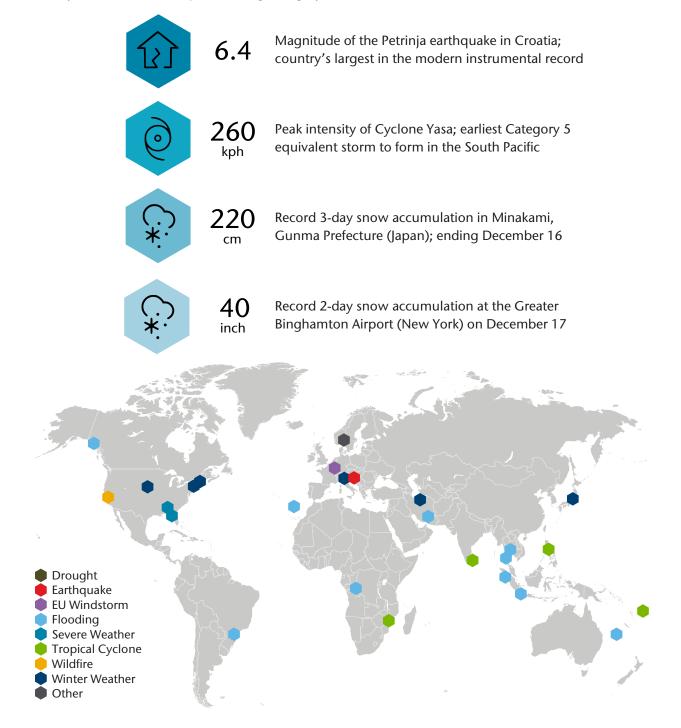


Table of Contents

Executive Summary	3
United States	4
Remainder of North America (Non-US)	5
South America	5
Europe	5
Middle East	6
Africa	6
Asia	6
Oceania (Australia, New Zealand, South Pacific Islands)	7
Appendix	8
Updated 2020 Data: January-November	8
Additional Report Details	18
Contact Information	19

Executive Summary

- M6.4 earthquake strikes Central Croatia on December 29; strongest in the region since 1880
- Record snowfall affects parts of Japan throughout December into early January (2021)
- Cyclone Yasa strikes Fiji as a strong Category 4 storm



United States

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
12/01-12/03	Flooding	Alaska	2	Hundreds	50+ million
12/02-12/08	Bond Fire	California	0	52+	Millions
12/04-12/06	Winter Weather	Mid-Atlantic, Northeast	0	5,000+	25+ million
12/16-12/17	Winter Weather	Mid-Atlantic, Northeast	5	10,000+	75+ million
12/16	Severe Weather	Florida	0	7,500+	50+ million
12/22-12/25	Severe Weather	Plains, Midwest, Southeast, Northeast	0	30,000+	340+ million
12/30-01/01	Winter Weather	Plains, Southeast, Midwest, Northeast	0	5,000+	35+ million

An atmospheric river event and associated frontal boundary brought record breaking precipitation and high winds to portions of Southeast Alaska between December 1-3. The storm resulted in downed trees, power outages, and multiple landslides – particularly near Juneau and Upper Lynn Canal. A large landslide in Haines on December 2 destroyed four homes and covered the area in feet (meters) of mud and debris. At least 30 people were evacuated, and two people remain missing. The event generated losses reaching the tens of millions (USD).

A notable Santa Ana wind event, ignited several new wildfires across California throughout the first two weeks of December. The Bond Fire, which burned in Orange County on December 2, expanded to no less than 6,686 acres (2,705 hectares). According to Cal Fire, the blaze destroyed at least 31 structures, while damaging an additional 21.

A nor'easter spread accumulating snowfalls across interior portions of the Northeast and New England between December 4-6. The greatest impacts occurred in Massachusetts, New Hampshire, Connecticut, Vermont, and Maine. Maximum wind gusts along the coast topped 60 mph (96 kph), resulting in downed trees and utility lines. Total economic losses were expected to surpass USD25 million.

Another nor'easter impacted the eastern U.S. on December 16-17 producing historic snow accumulations in portions of the Mid-Atlantic, Northeast, and New England. Widespread snowfall totals approached 12 inches (30 centimeters), with several localities reporting totals exceeding 30 inches (76 centimeters). Strong north-easterly winds battered the coast, while ice accretion impacted localities spanning from the central Appalachians into the Mid-Atlantic. At least five causalities were contributed to the storm. Total economic and insured losses were each estimated into the tens of millions (USD).

Severe thunderstorms spawned at least two confirmed tornados across densely populated regions of West Central Florida (Pinellas, Hillsborough, and Polk Counties) on December 16. The strongest tornado, rated EF2, occurred in Pinellas County. This tornado resulted in no less than 25 damaged structures near Pinellas Park. Elsewhere, an EF1 tornado touched impacted Hillsborough and Polk Counties. Total economic losses were anticipated to approach USD50 million.

A winter storm swept across central and eastern sections of the United States from December 22-24. The storm brought high winds, blizzard conditions, plummeting temperatures, flooding, and severe weather. Damage reports were primarily associated with synoptic winds topping 60 mph (95 kph), blowing heavy snow, and several tornado touchdowns in the Southeast and Mid-Atlantic. Total economic losses were estimated at USD340 million. More than half of those losses were insured.

A pair of powerful storm systems impacted much of the central and eastern United States between December 28 – January 1. The two low pressure centers spread accumulating snowfall from the Rockies into the Upper Midwest, in addition to the Southern and Central Plains. Heavy rainfall and isolated severe weather occurred along the Gulf Coast. Total economic damage was estimated into the tens of millions (USD).

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

Date Event Location Deaths Claims (USD)

There were no significant natural disasters in North America (Non-U.S.) in the month of December.

South America

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
12/17	Flooding	Brazil	12+	Thousands	75+ million

Heavy rains on December 17 in the state of Santa Catarina (Brazil) produced notable flooding and landslides which resulted in extensive damage to roads, infrastructure, and vegetation. The greatest impacts occurred in the Vale do Itajaí region, particularly the cities of Presidente Getúlio and Ibirama. At least 12 fatalities were confirmed, while several remain missing. Civil Defense authorities reported impacts in no less than 15 individual cities. Total economic losses were expected to approach USD75 million.

Europe

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
12/04-12/06	Winter Weather	Southern & Central Europe	0	Thousands	678+ million
12/25	Flooding	Portugal	0	Hundreds	36+ million
12/26-12/28	Windstorm Bella	Western Europe	0	100,000+	419+ million
12/29	Earthquake	Croatia, Balkans	7	9,000+	1.2+ billion
12/30	Landslide	Norway	10	Dozens	130+ million

Excessive amounts of precipitation (both rain and snow), coupled with locally strong winds, affected multiple European countries in early December, particularly Italy and Austria. Beside significant amounts of snow in the Alps, notable impacts were also associated with flooding in several Italian regions, including Veneto. Additional effects were felt in Croatia, the Czech Republic, and Poland. Total economic damage was estimated at USD678 million.

Heavy rains and strong winds affected the Portuguese island of Madeira on December 25, causing floods and landslides. Among the worst affected were Sao Vicente and Ponta Delgada. Total economic damage, primarily to infrastructure, was estimated at USD36 million.

Parts of Western and Central Europe were affected by strong gusts and heavy precipitation on December 26-28, caused by Windstorm Bella. The event resulted in moderate damage across France, UK, Ireland, Belgium and the Netherlands, with minor effects also felt in other countries. Total economic damage was minimally estimated at USD419 million, of which more than half was covered by insurance.

Central Croatia was struck by a magnitude-6.4 earthquake on December 29. At least seven people were killed. The most significant impacts were felt in the town of Petrinja near the epicenter and Sislak-Moslavina County, and shaking was felt widely in neighboring countries. This was the strongest earthquake to strike this part of the world since 1880. Total economic damage was estimated to exceed USD1.0 billion.

A significant landslide affected the town of Gjerdum, Norway on December 30, leaving at least 10 people dead or missing. Dozens of homes were destroyed and a deep crater was left in the landslide's aftermath. Total economic and insured losses were confirmed beyond USD100 million.

Middle East

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
11/24-12/07	Flooding	Iran	8	Hundreds	Millions
12/25	Winter Weather	Iran	12	N/A	Negligible

Widespread flooding affected southern parts of Iran in late November and later on December 5-7. The event affected several provinces including Bushehr, Fars, Golestan, Ilam, Khuzestan, Kohgiluyeh and Boyer-Ahmad, Lorestan, and Qazvin. Media and the Iranian Red Cross Society reported at least eight fatalities and notable effects across the affected region.

At least 12 climbers were killed in the Alborz mountains in northern Iran on December 25 after a period of unfavorable wintry weather. Dozens of settlements were isolated.

Africa

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
12/01-12/04	Flooding	Democratic Republic of the Congo	18	Unknown	Unknown
12/29-12/30	Cyclone Chalane	Mozambique	2	5,000+	Millions

Heavy rainfall on December 1-4 resulted in notable flooding and landslides in the Kongo Central Province, the westernmost part of the Democratic Republic of the Congo. Local media reported 18 fatalities. Particularly affected was the city of Mbanza-Ngungu region, south of the capital Kinshasa.

Cyclone Chalane initially crossed Madagascar before later strengthening and striking Mozambique as a strong tropical storm on December 30. Winds gusting to hurricane strength near the city of Beira damaged numerous homes and businesses. Heavy rains and flooded led to even more impacts. At least two people were killed.

Asia

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
11/25-12/08	Flooding	Thailand	29	555,000+	50+ million
12/01-12/10	Flooding	Indonesia	5	20,000+	Millions
12/02-12/03	Tropical Strom Burevi	Sri Lanka	3	4,000+	Millions
12/12-12/17	Flooding	Indonesia	0	2,100+	Unknown
12/16-12/31	Winter Weather	Japan	21	2,000+	200+ million
12/18-12/20	Tropical Storm Krovanh	Philippines	10	1,500+	10+ million
12/18-12/24	Flooding	Thailand	1	10,000+	10s of Millions

Widespread flooding impacted southern parts of Thailand from November 25 through December 8. The event killed at least 29 people and tens of thousands were displaced. Approximately 555,000 residential houses were inundated, damaged or destroyed and an extensive area of cropland – 162,000 hectares (400,000 acres) – was left inundated, per the ASEAN Coordinating Centre for Humanitarian Assistance (AHA center).

Torrential rains triggered severe flash flooding in Indonesian provinces of North Sumatra, Central Java, and Aceh on December 2-8. At least five people were killed. No fewer than 22,000 houses and 17 bridges were damaged to varying degrees, per the Indonesian National Board for Disaster Management.

Tropical Storm Burevi – the 5th named storm of the North Indian Ocean cyclone season – made landfall north of Trincomalee City in Sri Lanka on December 2. According to the Sri Lanka's Disaster Management Centre, at least 3 people were killed, and six others were injured. No less than 4,000 homes were either damaged or destroyed.

At least 2,100 housing units were either damaged or destroyed in Indonesia's Aceh, West Java, and West Nusa Tenggara provinces due to torrential seasonal rains between December 12-17.

A potent winter storm impacted a large swath of northwestern Japan from December 16 – 18, causing thousands of power outages and notable damage to residential houses, vehicles, and businesses. Niigata and Gunma prefectures were the worst affected with snow totals ranging from 50 to 200 centimeters (20 to 80 inches). Transportation, power, and agriculture sectors were severely impacted. Further periods of snowfall occurred through the rest of December, bringing the seasonal death toll to at least 21 people.

Tropical Strom Krovanh brought heavy precipitation and damaging winds in southern parts of the Philippines archipelago between December 18-20. Local officials cited at least 10 fatalities. Approximately 1,500 houses and other structures along with dozens of roads sections and bridges were damaged to varying degrees. The total combined financial toll, including private and commercial property, was likely to exceed USD10 million.

An active spell of northeast monsoon prompted heavy flooding in southern Thailand between December 18-24. Local officials cited one fatality. At least 10,000 houses were either damaged or destroyed.

Oceania (Australia, New Zealand, South Pacific Islands)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
12/17	Cyclone Yasa	Fiji	4	7,500+	100+ million
12/29	Flooding	Papua New Guinea	15	N/A	Negligible

Cyclone Yasa made landfall in Fiji as a Category 4-equivalent storm on December 17, resulting in notable damage there. At least four people were killed. Approximately 7,500 residential houses, businesses, and roads were either damaged or destroyed in storm-related incidents. The total combined financial toll was likely to exceed USD100 million.

On December 29, heavy precipitation prompted a landslide in Saki village of Goilala district in Papua New Guinea. Local media reported at least fifteen casualties.

Appendix

Updated 2020 Data: January-November

United States

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-12/31	Drought	Nationwide	N/A	N/A	4.5+ billion
01/10-01/12	Severe Weather	Central & Eastern U.S.	12	115,000+	1.3+ billion
02/03-02/08	Severe Weather	Central & Eastern U.S.	5	135,000+	1.5+ billion
02/08-02/10	Severe Weather	West	0	15,000+	140+ million
02/10-02/17	Flooding	Southeast	0	5,000+	175+ million
02/25-02/27	Winter Weather	Midwest, Northeast	1	5,000+	75+ million
03/02-03/05	Severe Weather	Midwest, Southeast	25	55,000+	2.5+ billion
03/12-03/13	Severe Weather	Midwest, Southeast	0	5,000+	75+ million
03/17-03/20	Severe Weather	Plains, Midwest, Southeast, Northeast	0	30,000+	290+ million
03/18	Earthquake	Utah	0	1,000+	80+ million
03/20	Flooding	Midwest	8	30,000+	10+ million
03/24-03/25	Severe Weather	Southeast	0	5,000+	90+ million
03/27-03/30	Severe Weather	Plains, Midwest, Southeast, Northeast	0	165,000+	2.9+ billion
03/31	Severe Weather	Southeast	0	10,000+	125+ million
03/31	Earthquake	Idaho	0	2,000+	20+ million
04/06-04/09	Severe Weather	Midwest, Plains, Southeast, Mid-Atlantic	0	270,000+	3.0+ billion
04/10-04/14	Severe Weather	Midwest, Plains, Southeast, Mid-Atlantic	38	270,000+	3.6+ billion
04/18-04/20	Severe Weather	Midwest, Plains, Southeast	3	70,000+	800+ million
04/21-04/24	Severe Weather	Plains, Southeast, Mid-Atlantic	7	125,000+	1.5+ billion
04/24-04/26	Severe Weather	Central & Eastern U.S.	0	66,000+	860+ million
04/27-04/30	Severe Weather	Midwest, Plains, Southeast	0	112,500+	1.1+ billion
05/02-05/03	Severe Weather	Plains, Midwest, Southeast	2	68,000+	850+ million
05/04-05/05	Severe Weather	Plains, Midwest, Southeast	0	120,000+	1.5+ billion
05/05-05/10	Wildfire	Florida Panhandle Wildfire	0	500+	50+ million
05/07-05/08	Severe Weather	Plains, Southeast	0	17,000+	150+ million
05/12-05/16	Wildfire	Collier County Fire	0	Unknown	20+ million
05/13-05/15	Severe Weather	Plains, Midwest, Northeast	0	55,000+	530+ million
05/15	Earthquake	Nevada	0	1,000+	25+ million
05/16-05/21	Severe Weather & Floods	Plains, Midwest, Southeast	1	110,000+	2.1+ billion
05/20-05/24	Severe Weather	Rockies, Plains, Midwest	2	150,000+	1.8+ billion
05/24-05/27	Tropical Storm Bertha	Southeast, Mid-Atlantic	0	15,000+	200+ million
05/25-05/26	Severe Weather	Plains, Midwest, Southeast	0	15,000+	135+ million
05/27-05/28	Severe Weather	Texas	0	115,000+	1.5+ billion
05/30-05/31	Severe Weather	Northwest	0	Thousands	50+ million
06/02-06/04	Severe Weather	Plains, Midwest, Northeast	3	55,000+	775+ million
06/02-06/10	Tropical Storm Cristobal	Southeast	1	20,000+	325+ million
06/04	Severe Weather	South Dakota	0	27,500+	475+ million
06/05-06/11	Severe Weather	West, Rockies, Plains, Midwest	0	77,500+	790+ million
06/19-06/22	Severe Weather	Plains, Midwest, Southeast	0	35,000+	255+ million

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08/17-09/16 LNU Complex Fire California 5 12,000+ 3.0 + b 08/17-09/22 CZU Complex Fire California 1 12,000+ 3.5 + b 08/18-09/04 Carmel Fire California 0 1,500+ 270 + m 08/18-09/04 Carmel Fire California 15 6,500+ 1.3 + b 08/18 Severe Weather Florida, Southeast 0 2,000+ 50 + m 08/21-08/25 Hurricane Marco Florida, Southeast 0 2,000+ 10 + m 08/21-08/25 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0 + b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 2,5,000+ 205 + m 08/26-08/28 Severe Weather Plains 0 10,000+ 110 + m 08/26-08/28 Severe Weather Midwest 0 3,000+ 550 + m 08/26-08/28 Severe Weather Midwest 0 14,000+ 165 + m 09/04-10/05 Creek F
08/17-09/22 CZU Complex Fire California 1 12,000+ 3.5 b 08/18-09/04 Carmel Fire California 0 1,500+ 270+ m 08/18-10/05 North Complex Fire California 15 6,500+ 1.3+ b 08/18 Severe Weather Florida, Southeast 0 2,000+ 50+ m 08/12-08/25 Hurricane Marco Florida, Southeast 0 2,000+ 18.0+ b 08/21-08/25 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0+ b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains, Mid-Atlantic, Northeast 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 375+ m 09/07-09/09
08/18-09/04 Carmel Fire California 0 1,500+ 270+ m 08/18-10/05 North Complex Fire California 15 6,500+ 1.3+ b 08/18 Severe Weather Florida 0 2,000+ 50+ m 08/18 Severe Weather Florida, Southeast 0 2,000+ 50+ m 08/21-08/25 Hurricane Marco Florida, Southeast 0 2,000+ 18.0+ b 08/21-08/29 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0+ b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains, Mid-Atlantic, Northeast 0 3,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 375+ m 09/07-09/09 Severe
08/18-10/05 North Complex Fire California 15 6,500+ 1.3+ b 08/18 Severe Weather Florida 0 2,000+ 50+ m 08/21-08/25 Hurricane Marco Florida, Southeast 0 2,000+ 10+ m 08/21-08/29 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0+ b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains, Mid-Atlantic, Northeast 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/07-09/16 Almeda Drive
08/18 Severe Weather Florida 0 2,000+ 50+ m 08/21-08/25 Hurricane Marco Florida, Southeast 0 2,000+ 10+ m 08/21-08/29 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0+ b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains, Mid-Atlantic, Northeast 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/05-09/06 Severe Weather Washington 0 2,300+ 175+ m 09/06-09/18 Babb Fire Washington 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire
08/21-08/25 Hurricane Marco Florida, Southeast 0 2,000+ 10+ m 08/21-08/29 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0+ b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains, Mid-Atlantic, Northeast 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 2,300+ 175+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-09/09 Severe Weather West 1 5,500+ 375+ m 09/07-09/09 Severe Weather Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 175+ m 09/08-09/23 Echo Mountain Fire
08/21-08/29 Hurricane Laura Plains, Southeast, Mid-Atlantic 33 400,000+ 18.0+ b 08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains, Mid-Atlantic, Northeast 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 2,300+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-09/09 Severe Weather Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
08/26-08/28 Severe Weather Plains, Mid-Atlantic, Northeast 0 25,000+ 205+ m 08/29-08/30 Severe Weather Plains 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 2,300+ 175+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-09/09 Severe Weather Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
08/29-08/30 Severe Weather Plains 0 10,000+ 110+ m 09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 2,300+ 175+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-10/03 Holiday Farm Fire Oregon 1 5,750+ 675+ m 09/08-09/23 Echo Mountain Fire Oregon 3 5,500+ 775+ m 09/08-10/03 Riverside Fire Oregon 0 1,500+ 175+ m
09/04-10/05 Creek Fire California 0 3,000+ 550+ m 09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 2,300+ 175+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 190+ m 09/07-09/09 Severe Weather California 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-09/09 Severe Weather Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/05-09/06 Severe Weather Midwest 0 14,000+ 165+ m 09/06-09/18 Babb Fire Washington 0 2,300+ 175+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-10/03 Holiday Farm Fire Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/06-09/18 Babb Fire Washington 0 2,300+ 175+ m 09/06-10/06 Bobcat Fire California 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-10/03 Holiday Farm Fire Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/06-10/06 Bobcat Fire California 0 3,600+ 190+ m 09/07-09/09 Severe Weather West 1 35,000+ 375+ m 09/07-10/03 Holiday Farm Fire Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
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09/07-10/03 Holiday Farm Fire Oregon 1 5,750+ 675+ m 09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/07-09/16 Almeda Drive Fire Oregon 3 5,500+ 775+ m 09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/08-09/23 Echo Mountain Fire Oregon 0 1,500+ 175+ m 09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/08-10/03 Riverside Fire Oregon 0 4,250+ 275+ m
09/08-10/05 Slater Fire California. Oregon 2 1.000+ 150+ m
09/10-09/10 Flooding Mid-Atlantic 0 2,000+ 40+ m
09/14-09/18 Hurricane Sally Southeast 8 230,000+ 7.0+ b
09/20-09/23 Tropical Storm Beta Plains, Southeast 1 20,000+ 400+ m
09/27-10/05 Glass Fire California 0 8,000+ 3.8+ b
10/07-10/08 Severe Weather Northeast 0 23,000+ 235+ m
10/07-10/11 Hurricane Delta Plains, Southeast 4 150,000+ 3.0+ b
10/14-10/29 East Troublesome Fire Colorado 2 2,000+ 650+ m
10/17-10/29 Calwood Fire Colorado 0 1,250+ 25+ m
10/24-10/30 Hurricane Zeta Southeast 6 200,000+ 3.5+ b
10/25-10/28 Winter Weather West, Plains 0 39,000+ 475+ m
11/02-11/13 Hurricane Eta Southeast 11 45,000+ 1.5+ b
11/10-11/12 Severe Weather Midwest, Mid-Atlantic 11 25,000+ 350+ m

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
11/15-11/16	Severe Weather	Midwest, Mid-Atlantic, Northeast	1	55,000+	575+ million
11/24-11/25	Severe Weather	Plains	0	5,000+	50+ million
11/29-12/01	Severe Weather	Southeast, Mid-Atlantic, Northeast	0	10,000+	110+ million

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

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/07-01/11	Earthquake	Puerto Rico	1	20,000+	1.5+ billion
01/11-01/12	Flooding	Canada	0	6,200+	180+ million
01/14-01/18	Winter Weather	Canada	0	2,000+	35+ million
01/14-01/20	Winter Weather	Canada	0	2,500+	35+ million
01/17-01/18	Winter Weather	Canada	0	1,750+	60+ million
01/28	Earthquake	Cayman Islands, Jamaica, Cuba	0	2,250+	Millions
01/31-02/01	Flooding	Canada	0	2,000+	95+ million
02/06-02/08	Winter Weather	Canada	0	2,000+	35+ million
02/26-02/28	Winter Weather	Canada	1	2,500+	35+ million
02/28-02/29	Severe Weather	Honduras	3	3,500+	Millions
04/13	Flooding	Canada	0	1,500+	25+ million
04/23-05/03	Flooding	Canada	0	1,500+	35+ million
04/26-04/30	Flooding	Canada	1	4,000+	1.3+ billion
05/02	Earthquake	Puerto Rico	0	3,000+	150+ million
05/31	Tropical Storm Amanda	El Salvador, Guatemala, Honduras	33+	3,400+	200+ million
06/02-06/08	Tropical Storm Cristobal	Mexico, Guatemala, El Salvador	1	10,000+	660+ million
06/13-06/14	Severe Weather	Canada	0	65,000+	1.4+ billion
06/23	Earthquake	Mexico	10	8,100+	75+ million
06/28-06/29	Severe Weather	Canada	0	2,000+	55+ million
07/08	Severe Weather	Canada	0	2,000+	50+ million
07/12	Severe Weather	Canada	0	Thousands	25+ million
07/16	Severe Weather	Canada	0	1,000+	25+ million
07/19	Severe Weather	Canada	0	1,000+	30+ million
07/22-07/24	Severe Weather	Canada	0	13,100+	150+ million
07/25-07/27	Hurricane Hanna	Mexico	5	10,000+	135+ million
07/30-08/05	Hurricane Isaias	Caribbean, Canada	3	7,000+	225+ million
08/02-08/03	Severe Weather	Canada	0	5,000+	57+ million
08/19-08/20	Hurricane Genevieve	Mexico	2	2,000+	50+ million
08/21-08/25	Hurricane Marco	Mexico, Costa Rica	1	Thousands	40+ million
08/21-08/29	Hurricane Laura	Caribbean	35	13,000+	170+ million
09/02-09/04	Hurricane Nana	Central America	0	5,500+	20+ million
09/14-09/16	Hurricane Paulette	Bermuda	0	10,000+	50+ million
09/18-09/19	Tropical Storm Alpha	Portugal	1	2,500+	25+ million
09/23-09/24	Hurricane Teddy	Canada	0	2,500+	35+ million
10/02-10/06	Tropical Storm Gamma	Mexico	7	25,000+	100+ million
10/07-10/11	Hurricane Delta	Mexico	2	15,000+	350+ million
10/10	Severe Weather	Canada	0	8,000+	45+ million
10/24-10/30	Hurricane Zeta	Jamaica, Mexico	2	Thousands	60+ million
10/29	Flooding	El Salvador	10	125+	Unknown

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
11/03-11/07	Hurricane Eta	Central America	309	135,000+	6.8+ billion
11/14-11/19	Hurricane lota	Central America	102	110,000+	1.3+ billion
11/15-11/16	Severe Weather	Canada	0	8,250+	100+ million

South America

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-12/31	Drought	Brazil	N/A	N/A	3.0+ billion
01/01-12/31	Drought	Paraguay	N/A	N/A	250+ million
01/01-12/31	Drought	Argentina	N/A	N/A	700+ million
01/17-01/29	Flooding	Brazil	70	2,000+	300+ million
02/08-02/29	Flooding	Bolivia	17	10,000+	10s of millions
02/09-02/10	Flooding	Brazil	4	4,000+	50+ million
02/11-02/19	Flooding	Argentina	1	1,000+	10s of millions
02/17-02/25	Flooding	Peru	15	2,400+	10s of millions
02/25-02/27	Flooding	Colombia	8	750+	Millions
03/01-03/03	Flooding	Brazil	60	2,000+	75+ million
06/30	Severe Weather	Brazil	10	12,500+	100+ million
07/01-07/15	Flooding	Brazil	0	4,500+	10s of millions
07/01-07/15	Flooding	Colombia	11	3,500+	10s of millions
08/01-10/31	Wildfire	Argentina, Bolivia, Brazil, Paraguay	N/A	Unknown	100s of millions
08/14-08/15	Severe Weather	Brazil	1	5,000+	50+ million
10/31-11/02	Flooding	Colombia	0	8,820+	25+ million
11/08-11/17	Flooding	Venezuela	6	7,500+	30+ million
11/14-11/19	Hurricane lota	Colombia	7	30,000+	100+ million

Europe

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/13-01/15	Windstorm Brendan	Ireland, United Kingdom	1	Thousands	57+ million
01/19-01/23	Flooding	Spain	14	11,600+	315+ million
01/28	Windstorm Lolita	Central Europe	0	20,500+	40+ million
02/03-02/04	Windstorm Petra	Central Europe	3	81,500+	185+ million
02/09-02/10	Windstorm Ciara	Western & Central Europe	14	1.1+ million	2.7+ billion
02/15-02/16	Windstorm Dennis	Western & Northern Europe	6	131,500+	915+ million
02/22-02/25	Severe Weather	Spain	0	17,000+	15+ million
02/23-02/24	Windstorm Yulia	Central Europe	0	Thousands	273+ million
02/27	Windstorm Bianca	Western & Central Europe	0	Thousands	161+ million
02/29	Windstorm Jorge	Western Europe	0	Thousands	150+ million
03/01	Windstorm Leon	France	0	5,000+	Millions
03/02	Windstorm Karine	France, Spain	0	20,000+	40+ million
03/03	Windstorm Myriam	France, Spain	0	20,000+	40+ million
03/12-03/13	Windstorm Laura	Denmark, Sweden, Germany, Poland	0	Thousands	150+ million
03/22	Earthquake	Croatia	2	25,000+	6.1+ billion
03/24-04/02	Winter Weather	Central & Southern Europe	0	N/A	513+ million

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
04/01	Flooding	Spain	0	2,000+	15+ million
04/04-04/06	Flooding	Greece	0	2,500+	Millions
04/04-04/15	Wildfire	Ukraine	0	Unknown	280+ million
04/15	Winter Weather	Austria	0	N/A	38+ million
04/17	Severe Weather	France	0	3,000+	Millions
05/09-05/11	Severe Weather	Western & Central Europe	0	2,500+	157+ million
05/23	Severe Weather	Central Europe	0	15,000+	10s of Millions
05/29-05/30	Severe Weather	Ukraine & Belarus	0	Hundreds	40+ million
06/07-06/08	Flooding	Central Europe	2	11,750+	50+ million
06/10-06/26	Flooding	Romania	3	3,100+	85+ million
06/13-06/15	Severe Weather	Central Europe	1	30,000+	200+ million
06/21-06/23	Flooding	Ukraine, Central Europe	4	22,000+	480+ million
06/22-06/23	Flooding	Serbia, Bosnia & Herzegovina	0	1,800+	43+ million
06/26-06/29	Flooding	Central Europe	0	13,000+	205+ million
06/30	Severe Weather	Finland	0	5,000+	10s of millions
07/06-07/09	Wildfire	Ukraine	5	100+	162+ million
07/14	Severe Weather	Spain	0	Thousands	35+ million
07/14-07/15	Severe Weather	Russia	0	1,500+	Millions
07/22-07/24	Severe Weather	Southern Europe	0	Thousands	65+ million
07/28-07/29	Severe Weather	Central Europe	0	Thousands	230+ million
08/03-08/06	Severe Weather	Central Europe	0	Thousands	207+ million
08/08-08/09	Flooding	Greece	8	3,000+	30+ million
08/09-08/14	Severe Weather	Central Europe	0	Hundreds	190+ million
08/11	Severe Weather	Spain	0	9,000+	35+ million
08/16-08/18	Severe Weather	Central Europe	0	Thousands	135+ million
08/19-08/20	Windstorm Ellen	Ireland, United Kingdom	0	7,000+	20+ million
08/22-08/23	Severe Weather	Italy, Austria	0	Hundreds	35+ million
08/25-08/26	Windstorm Francis	Western & Central Europe	0	Hundreds	135+ million
08/29-08/30	Severe Weather	Italy, Central Europe	4	Thousands	80+ million
09/05-09/06	Severe Weather	Central Europe	0	20,000+	20+ million
09/17-09/20	Storm lanos	Greece	4	Thousands	240+ million
09/17	Windstorm Aila	Finland, Estonia	0	Hundreds	45+ million
09/19	Flooding	France	0	1,000+	53+ million
09/25-09/27	Severe Weather	Italy	0	Thousands	60+ million
09/26-09/27	Windstorm Odette	Belgium	0	13,000+	35+ million
10/01-10/02	Windstorm Alex	France	0	39,000+	125+ million
10/02-10/04	Flooding	France, Italy	16	Thousands	3.2+ billion
10/03-10/05	Severe Weather	Poland, Czech Republic, Austria	2	1,500+	15+ million
10/12-10/14	Flooding	Central Europe	1	4,100+	25+ million
10/19-10/21	Windstorm Barbara	France, Spain, Portugal	1	Thousands	70+ million
10/31-11/01	Windstorm Aiden	Ireland, United Kingdom	0	10,000+	25+ million
11/05-11/06	Flooding	Spain	0	12,000+	230+ million
11/18-11/19	Windstorm Liisa	Finland, Sweden	0	5,500+	25+ million
11/21-11/22	Flooding	Italy	0	Hundreds	10s of millions
11/26-11/27	Severe Weather	Spain	0	Hundreds	50+ million
11/20-11/2/					

Middle East

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/04-01/09	Flooding	Israel	7	50,000+	580+ million
01/09-01/20	Flooding	Iran	4	20,000+	808+ million*
01/09-01/12	Flooding	United Arab Emirates	1	Thousands	75+ million
01/24	Earthquake	Turkey	41	23,000+	88+ million
02/04-02/05	Winter Weather	Turkey	41	Unknown	Negligible
02/23	Earthquake	Turkey, Iran	14	6,000+	Millions
02/24-04/30	Flooding	Iran	23	25,000+	1.5+ billion*
03/12-03/13	Flooding	Egypt	40	1,000	76+ million
03/18	Flooding	Iraq	8	3,500+	100+ million
03/25	Flooding	Yemen	2	5,000+	10+ million
04/15-04/30	Flooding	Yemen	14	2,000+	10+ million
05/27-05/31	Flooding	Oman	3	Hundreds	Millions
06/03-06/04	Flooding	Yemen	16	Hundreds	Negligible
06/14	Earthquake	Turkey	1	2,500+	Negligible
06/21-06/23	Flooding	Turkey	7	5,000+	35+ million
07/12-07/14	Flooding	Turkey	6	Hundreds	Millions
07/22-07/25	Flooding	Yemen	17	500+	Unknown
08/02-08/07	Flooding	Yemen	174	9,000+	Millions
08/22-08/23	Flooding	Turkey	16	1,000+	250+ million
09/29	Severe Weather	Turkey	0	Hundreds	Millions
10/09-10/15	Wildfire	Syria	3	1,000+	Millions
10/19	Severe Weather	Turkey	1	3,000+	130+ million
10/30	Earthquake	Turkey	115	29,000+	450+ million
11/24-12/07	Flooding	Iran	7	Unknown	50+ million

*Free market conversion rate; Unofficial local exchange (USD325 million)

Africa

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-01/31	Flooding	Madagascar, Mozambique	60	25,800+	10s of millions
01/28-02/03	Flooding	Tanzania	40	5,000+	Millions
01/28-02/13	Flooding	Burundi	3	5,000+	Millions
01/28-02/03	Flooding	Rwanda	19	Thousands	Millions
01/01-03/31	Flooding	Rwanda	3	1,000+	Millions
03/10-03/17	Flooding	Tanzania	0	3,500+	Unknown
03/13-03/17	Cyclone Herold	Madagascar	1	2,000+	Millions
03/14-03/18	Flooding	Democratic Republic of the Congo	0	10,000+	Millions
03/16-03/22	Severe Weather	Burundi	2	1,000+	Millions
03/17-03/22	Flooding	Zambia	0	2,000+	Unknown
03/24-03/31	Flooding	Kenya	1	2,000+	Unknown
04/13-04/19	Flooding	Burundi	0	6,000+	Millions
04/16-04/17	Flooding	Democratic Republic of the Congo	52	18,500+	Millions
04/17-05/10	Flooding	Rwanda	73	2,500+	Unknown

				Structures/	Economic Loss
Date	Event	Location	Deaths	Claims	(USD)
04/17-05/10	Flooding	Uganda	5	3,000+	Negligible
04/18	Flooding	Angola	24	2,000+	Millions
04/18-06/01	Flooding	Kenya	237	161,000+	10s of millions
04/20-04/21	Flooding	Djibouti	8	15,000+	Millions
04/20-04/28	Flooding	Somalia	13	2,000+	Unknown
04/24-05/09	Flooding	Ethiopia	12	10,000+	Millions
05/28	Flooding	Ethiopia	10	Unknown	Negligible
06/15-08/15	Flooding	Somalia	4	10,000+	Millions
06/18	Flooding	Ivory Coast	17	500+	Unknown
06/24-10/31	Flooding	Nigeria	155	75,000+	100+ million
07/01-09/10	Flooding	Niger	65	32,000+	10s of millions
07/01-08/31	Flooding	South Sudan	NA	Thousands	Millions
07/20-09/30	Flooding	Ethiopia	NA	25,000+	Millions
07/31-09/30	Flooding	Sudan	120	172,000+	250+ million
08/01-08/31	Flooding	Mali	0	2,000+	Unknown
08/01-08/31	Flooding	Chad	10	10,000+	Millions
08/01-08/31	Flooding	Kenya	0	1,000+	Unknown
08/25-08/31	Flooding	Uganda	8	Thousands	Unknown
08/25-09/10	Flooding	Burkina Faso	13	Unknown	Millions
09/01-09/15	Flooding	Mauritania	7	2,000+	Unknown
09/01-10/31	Flooding	Тодо	11	4,000+	Millions
09/05	Flooding	Senegal	6	2,000+	18+ million
09/06-09/07	Flooding	Guinea	0	2,000+	Millions
10/01-10/03	Flooding	Democratic Republic of Congo	15	Unknown	Negligible
10/01-10/31	Flooding	Mozambique	22	2,900+	Unknown
10/13-10/15	Flooding	Tanzania	12	Hundreds	Unknown
10/27	Severe Weather	Libya	0	10,000+	Millions
11/17-11/21	Severe Weather	South Africa	10	Hundreds	Millions
11/22-11/23	Tropical Cyclone Gati	Somalia	8	4,000+	Millions

Asia

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-12/31	Drought	China	N/A	N/A	2.4+ billion
01/01-12/31	Drought	Vietnam	N/A	N/A	107+ million
01/04-01/07	Winter Weather	China	0	5,000+	125+ million
01/05-01/09	Severe Weather	China	0	2,500+	35+ million
01/11-01/14	Winter Weather	Afghanistan, Pakistan, India	157	Hundreds	10s of millions
01/12-01/16	Volcano	Philippines	1	3,813+	66+ million
01/19	Earthquake	China	1	109,000+	235+ million
01/23-01/28	Flooding	Indonesia	10	14,250+	Millions
01/23-01/26	Winter Weather	China	0	1,000+	239+ million
01/24-01/25	Severe Weather	Vietnam	0	13,750	Millions
02/08-02/10	Flooding	Indonesia	0	4,000+	Millions
02/12-02/15	Severe Weather	China	1	Hundreds	16+ million
02/13-02/16	Winter Weather	China	0	Hundreds	30+ million

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
02/16-02/20	Flooding	Indonesia	6	20,000+	10s of millions
02/22-02/25	Flooding	Indonesia	19	35,000+	10s of millions
03/02-03/05	Severe Weather	Vietnam	3	7,200+	Millions
03/04-03/10	Flooding	Indonesia	2	7,500+	Millions
03/04-03/31	Flooding	Pakistan	54	2,000+	Millions
03/13	Flooding	East Timor	3	2,000+	20+ million
03/20-03/21	Flooding	Indonesia	0	10,000+	Millions
03/20-03/25	Severe Weather	Vietnam	1	8,500+	Millions
03/25-03/31	Flooding	Afghanistan	35	3,300+	Millions
03/30	Flooding	China	8	Unknown	Millions
03/30-03/31	Flooding	Indonesia	1	11,900+	Millions
03/31	Wildfire	China	19	N/A	Negligible
04/01	Earthquake	China	1	3,400+	25+ million
04/01-04/30	Flooding	China	0	5,000+	285+ million
04/01-04/30	Severe Weather	China	0	10,000+	250+ million
04/04-04/05	Flooding	Indonesia	5	2,000+	Unknown
04/07-04/08	Severe Weather	Russia	0	2,000+	Millions
04/10-04/12	Severe Weather	Vietnam	0	2,000+	Millions
04/11-04/13	Flooding	Indonesia	0	7,500+	Unknown
04/13-04/14	Severe Weather	China	0	2,000+	15+ million
04/17-04/19	Severe Weather	China	0	7,500+	65+ million
04/19-04/25	Winter Weather	China	0	Unknown	1.2+ billion
04/20-04/28	Flooding	Indonesia	3	2,500+	Millions
04/21-04/22	Severe Weather	China	0	15,000+	72+ million
04/22-04/27	Flooding	Vietnam	3	6,000+	Millions
04/27	Severe Weather	Uzbekistan, Turkmenistan	1	41,000+	Millions
04/29-05/09	Severe Weather	Thailand	2	10,100+	10s of millions
04/30-05/05	Flooding	Indonesia	2	25,000+	Millions
05/02-05/05	Flooding	Afghanistan	4	2,000+	Unknown
05/02-05/05	Flooding	China	0	Unknown	92+ million
05/03-05/05	Winter Weather	China	0	Unknown	125+ million
05/07-05/10	Severe Weather	Vietnam	1	8,720+	Millions
05/10	Severe Weather	India	29	10,000+	10s of millions
05/14-05/16	Typhoon Vongfong	Philippines	0	60,000+	100+ million
05/15-05/19	Severe Weather	Vietnam	3	2,000+	Unknown
05/15-05/21	Cyclone Amphan	India, Bangladesh, Sri Lanka	133	3+ million	15+ billion
05/15-05/31	Severe Weather	China	4	Unknown	71+ million
05/18	Earthquake	China	4	1,100+	17+ million
05/18-05/25	Flooding	Indonesia	0	4,000+	Millions
05/19-05/22	Flooding	China	7	Unknown	128+ million
05/25-05/26	Severe Weather	Russia	6	2,000+	Millions
05/27-06/02	Flooding	Indian	31	Thousands	Millions
06/01-09/30	Flooding	Bangladesh	260	1.3+ million	500+ million
06/01-09/30	Flooding	China	280	1.4+ million	35+ billion
06/01-09/30	Flooding	India	1,922	260,000+	7.5+ billion
06/01-09/30	Flooding	Nepal	401	15,000+	10s of Millions
06/03-06/04	Tropical Strom Nisarga	India	6	500,000+	820+ million
		india	0	000,0001	02011111101

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
06/10-06/15	Tropical Storm Nuri	China, Philippines	1	6,000+	10s of millions
06/11	Flooding	Indonesia	4	2,500+	Millions
06/24-06/25	Severe Weather	India	127	Thousands	10s of millions
06/26-07/01	Flooding	Malaysia	0	1,000+	Millions
07/01-08/14	Flooding	South Korea	42	14,100+	420+ million
07/01-09/30	Flooding	Pakistan	410	310,000+	1.5+ billion
07/02-07/04	Flooding	Mongolia	8	2,500+	Millions
07/03-07/15	Flooding	Japan	82	32,544+	8.5+ billion
07/09-07/21	Flooding	Indonesia	109	5,000+	10s of millions
07/18-07/21	Flooding	Vietnam	5	3,000+	22+ million
07/19-07/30	Flooding	Myanmar	0	6,500+	Unknown
07/24-07/30	Flooding	Indonesia	0	16,600+	10s of millions
07/31-08/01	Flooding	Afghanistan	14	Hundreds	Negligible
08/01-08/03	Tropical Storm Sinlaku	Vietnam, Thailand	6	12,000+	Millions
08/02-08/04	Typhoon Hagupit	China, Taiwan	6	13,000+	1.5+ billion
08/04-08/10	Flooding	North Korea	22	17,000+	Millions
08/11-08/12	Typhoon Mekkhala	China	0	Thousands	161+ million
08/18	Earthquake	Philippines	1	1,100+	2.5+ millior
08/18-08/21	Tropical Strom Higos	China, Vietnam, Thailand	11	4,000+	142+ millior
08/21-08/24	Flooding	Vietnam, Thailand	9	5,000+	Millions
08/22-08/27	Typhoon Bavi	North Korea, South Korea, China	0	Hundreds	635+ million
08/24-08/27	Flooding	Afghanistan	190	2,000+	Unknown
09/01-09/22	Flooding	Sri Lanka	6	1,000+	Unknowr
09/01-09/04	Typhoon Maysak	Korean Peninsula, China	32	11,200+	1.0+ billior
09/05-09/08	Typhoon Haishen	Japan, Korean Peninsula	4	150,000+	4.0+ billior
09/11-09/13	Flooding	Indonesia	6	4,000+	Negligible
09/18-09/20	Tropical Storm Noul	Vietnam, Laos, Cambodia, Thailand	18	25,000+	73+ million
09/25-09/28	Flooding	Indonesia	11	2,250+	Negligible
10/01-10/20	Flooding	China	0	Unknown	40+ million
10/02-10/25	Flooding	India	152	20,000+	4.0+ billior
10/04-10/25	Flooding	Cambodia	44	162,000+	100+ million
10/04-10/25	Flooding	Laos	4	5,000+	Millions
10/04-10/25	Flooding	Thailand	4	5,000+	Millions
10/04-10-25	Flooding	Vietnam	154	385,000+	850+ million
10/21-10/31	Flooding	Indonesia	15	2,000+	Unknown
10/25-10/29	Typhoon Molave	Philippines, Vietnam	112	308,000+	640+ million
11/01-11/08	Flooding	Indonesia	0	8,000+	Unknown
11/01-11/07	Typhoon Goni	Philippines, Vietnam	31	252,500+	1.0+ billion
11/10-11/11	Tropical Storm Etau	Philippines, Vietnam	2	29,000+	10s of millions
11/11-11/16	Typhoon Vamco	Philippines, Vietnam	102	200,000+	1.0+ billior
11/17-11/19	Winter Weather	China, Russia	N/A	Hundreds	120+ million
11/23-12/02	Flooding	Indonesia	0	9,000+	Millions
11/25-11/26	Cyclone Nivar	India	14	5,000	600+ million

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/17-01/19	Cyclone Tino	Tonga, Tuvalu, Fiji	0	Hundreds	10s of millions
01/19-01/20	Severe Weather	Australia	0	129,201+	1.8+ billion
02/01-02/08	Flooding	New Zealand	0	1,100+	29+ million
02/04-02/11	Severe Weather	Australia	0	101,701+	1.2+ billion
02/25	Severe Weather	Australia	0	2,000+	Millions
03/21	Flooding	Papua New Guinea	12	1,000+	Negligible
04/01-04/07	Flooding	Papua New Guinea	0	2,000+	Millions
04/05-04/09	Cyclone Harold	Solomon Islands, Vanuatu, Fiji, Tonga	30	11,200+	600+ million
04/10	Flooding	Papua New Guinea	10	Hundreds	Negligible
04/19	Severe Weather	Australia	0	25,000+	600+ million
5/25	Severe Weather	Australia	0	5,000+	10s of millions
06/26-06/27	Severe Weather	New Zealand	0	1,550+	Millions
07/17-07/20	Flooding	New Zealand	0	3,500+	10s of millions
08/05-08/08	Severe Weather	Australia	0	2,000+	10s of millions
10/04-10/10	Wildfire	New Zealand	0	Dozens	10s of millions
10/31	Severe Weather	Australia	0	27,500+	1.2+ billion
11/09-11/10	Flooding	New Zealand	0	2,750+	71+ million

Oceania (Australia, New Zealand, South Pacific Islands)

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 public and private insurance entities 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 determined based on various public media sources, including news websites, publications from insurance companies, financial institution press releases, and official government agencies. Economic loss totals are separate from any available insured loss estimates. An insured loss is the portion of the economic loss covered by public or private insurance entities. In rare instances, specific events may include modeled loss estimates determined from utilizing Impact Forecasting's suite of catastrophe model products.

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