



Global Catastrophe Recap

June 2017

Table of Contents

Executive Summary	3
United States	4
Remainder of North America	5
South America	5
Europe	6
Middle East	6
Africa	7
Asia	7
Oceania	9
Appendix	10
Contact Information	14

Executive Summary

- Convective storms lead to latest monthly multi-billion dollar cost to US insurers
- Seasonal rainfall leads to nearly USD2.5 billion in economic flood damage across China
- Thunderstorms spark major wildfires in drought-stricken South Africa and Portugal

Worldwide economic and insured losses in the month of June were once again largely driven by several major severe weather outbreaks in the United States. Large hail, tornado touchdowns, straight-line winds and isolated flash flooding all contributed to an aggregated economic loss that was likely to minimally exceed USD3.0 billion (though expected to be even higher). Of that total, public and private insurance entities were expected to cover at least USD2.0 billion – likely much more once all claims are filed.

The most significant event from a financial perspective occurred on June 11 across parts of the Upper Midwest. A series of powerful and fast-moving thunderstorms left a trail of damage in Minnesota, Wisconsin and Michigan. Among the hardest-hit areas was the Minneapolis-Saint Paul metropolitan region, where substantial wind and hail damage affected homes, businesses, and vehicles. Insurance payouts from this event alone were likely to approach USD1.0 billion; while the overall economic cost was estimated around USD1.4 billion.

Other severe weather events affected areas elsewhere in the US (Midwest, Plains, Rockies, Northeast); while Canada, South Africa, Pakistan and China also recorded events. Thunderstorm activity in Europe peaked on June 22, when a particularly violent outbreak caused significant losses to German insurers, estimated at EUR400 million (USD455 million).

Major flooding impacted at least nine provinces in southern China, killing at least 31 people and impacting more than 130,000 homes. The catastrophe was caused by torrential downpours associated with the annual Mei-yu rains. China's official Ministry of Civil Affairs (MCA) listed aggregated economic losses at more than USD2.4 billion. The flooding thus became the costliest individual global natural catastrophe in the month of June.

Elsewhere, torrential monsoonal rainfall also caused devastating floods and landslides in Bangladesh and neighboring northeast India, causing at least 169 fatalities. Flood-related events in Asia (including China, Taiwan, Indonesia, Bangladesh, and India) resulted in a combined death toll of at least 312 people. Additional significant floods occurred in Central America, Chile and Western Africa.

Strong thunderstorms affected Western Cape in South Africa, where the region was previously suffering from severe drought. However, the greatest damage cost occurred after lightning strikes prompted several catastrophic fires. Published reports indicated that the local insurance industry could face payouts approaching ZAR4.0 billion (USD305 million); one of the costliest events in the region's history.

Also, the combination of extreme heat and dry thunderstorms led to one of the deadliest wildfires in Portuguese history. 64 people died and hundreds of homes and businesses were destroyed. Local government indicated that economic losses may reach EUR497 million (USD565 million).

Two tropical storms made separate landfalls in North America: Beatriz in Mexican state of Oaxaca and Cindy in the US Southeast. Damage costs from each event were largely negligible.

An offshore magnitude-6.3 earthquake damaged more than 1,100 homes on the Greek island of Lesbos.

United States

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
06/02-06/07	Flooding	Florida	0	Thousands	Millions
06/02-06/04	Severe Weather	Plains	0	15,000+	175+ million
06/11	Severe Weather	Midwest	0	100,000+	1.4+ billion
06/12-06/14	Severe Weather	Plains, Rockies	0	70,000+	850+ million
06/15-06/19	Severe Weather	Plains, Midwest, Northeast	0	Thousands	100s of Millions
06/21-06/23	TS Cindy	Southwest	2	Hundreds	Millions
06/27-06/30	Severe Weather	Plains, Midwest, Northeast	0	Thousands	100s of Millions

Days of torrential rainfall led to flash flooding across parts of central and southern Florida from June 2-7, as a slow-moving storm system brought several waves of storms. No one was seriously injured or killed. The worst flood damage was cited in the greater Miami and Tampa metro regions as homes and businesses were inundated and sections of infrastructure was washed away. Total economic damage was expected into the millions (USD).

Powerful thunderstorms tracked across portions of central and southern Texas from June 2-4, bringing considerable hail and straight-line wind damage to multiple communities. Among the hardest-hit areas was Corpus Christi, where golf ball-sized hail and winds gusting to 70 mph (110 kph) downed trees and left heavy damage to roofs and windows. Total economic losses were estimated around USD175 million. Public and private insurers anticipated claims near USD125 million.

Intense thunderstorms left significant damage throughout portions of the Upper Midwest on June 11, leaving multiple people injured. The worst damage occurred in Minnesota, Wisconsin and the Upper Peninsula of Michigan as fast-moving storms led to near hurricane-force wind gusts and egg-sized hail. One particular region heavily affected was the Minneapolis – St. Paul, MN metro region as substantial wind and hail damage affected homes, businesses, and vehicles. Total economic losses were expected to approach USD1.4 billion. Payouts by public and private insurers were likely to approach USD1.0 billion.

A slow-moving storm system from June 12-14 led to consecutive days of severe weather from the Rockies into the Midwest. Reports of hail, straight-line wind, tornado and isolated flash flooding were cited in parts of Texas, Wyoming, Nebraska, Kansas, the Dakotas, Minnesota, Iowa, Wisconsin, and Illinois. Total economic losses were estimated at upwards of USD850 million. Public and private insurers cited payouts nearing USD625 million.

Widespread severe thunderstorms impacted central and eastern sections of the United States from June 15-19, leaving significant damage in their wake. Several people were injured as a result. The majority of the damage resulted from straight-line winds that were hurricane-force in some locations. Large hail and isolated tornadoes were also recorded across the Plains, Midwest, Southeast, Mid-Atlantic, and Northeast. Preliminary estimates suggested that damage costs would reach well into the hundreds of millions (USD) on both an economic and insured basis.

Tropical Storm Cindy, which formed in the Gulf of Mexico, impacted parts of the US Southeast from June 21 to 23. The storm caused only minor wind-related damage; the main hazard was associated with excessive rainfall and subsequent flooding. Two people died, one in Alabama and another in Texas. Total economic and insured losses were negligible in the low millions (USD).

Severe thunderstorms swept across multiple sections of the United States from June 25-29, causing widespread damage resulting from tornadoes, straight-line winds, large hail and flooding rainfall. The worst impacts occurred from June 27-30 as a slow-moving storm system led to consecutive days of convective weather across the Plains and Midwest. Total economic and insured losses were anticipated to reach the hundreds of millions (USD).

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

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
06/01	TS Beatriz	Mexico	6	Hundreds	Millions
06/02	Severe Weather	Canada	0	3,000+	30+ million
06/10-06/11	Flooding	Honduras, Guatemala	4	Hundreds	10s of millions

Tropical Storm Beatriz brought torrential rainfall to southern portions of Mexico when it made landfall over Oaxaca State on June 1. The ensuing flooding and landslides claimed six lives and rendered hundreds of people homeless. Widespread damage to infrastructure was also reported.

A fast-developing thunderstorm cell tracked over the Canadian city of Saskatoon in Saskatchewan on June 2, spawning up to ping pong ball-sized hail. The most significant damage was on the east side of the city, as thousands of insurance claims from affected vehicles and property was filed with insurance companies. Total economic and insured losses were expected in the tens of millions (USD).

Torrential rainfall triggered flooding in parts of southern Honduras and southern Guatemala from June 10-11. Two people were killed and two others were listed as missing. Almost 130 homes were damaged or destroyed in the Honduran departments of Choluteca and Francisco Morazán. Damage was also reported in Cortés, Colón, and Santa Barbara. The hardest-hit areas in Guatemala were in Nuevo Concepcion, where the Coyolate River burst its banks, and Tiquisate, where the Madre Vieja River overflowed.

South America

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
05/24-06/19	Flooding	Uruguay, Argentina	0	Thousands	10s of millions
06/16-06/17	Flooding	Chile	4+	800+	100s of millions

The overflowing Uruguay River continued to swell through the early part of June pushing the number of evacuees in Uruguay and Argentina to more than 10,000. Flooding along the river began on May 24 when powerful thunderstorms brought torrential rainfall to the river's upper reaches. Continued heavy rainfall over the following weeks ensured that river levels remained well above the danger mark. Officials in Uruguay reported that "losses were total" in some areas.

A powerful low pressure system prompted widespread flooding and damage in nine regions of central Chile from Coquimbo in the north to Los Lagos in the south on June 16-17. Among the worst affected regions was Bío Bío. At least four people were killed while dozens of others were injured. Hundreds of homes were damaged, while some 46,000 customers had no power and a further 11,000 had no potable water. Multiple road closures were reported as the result of washouts, flooding and landslides.

Europe

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
06/12	Earthquake	Greece, Turkey	1	1,100+	10s of millions
06/17-06/18	Wildfire	Portugal	64	1,000+	565+ million
06/22-06/25	Severe Weather	Central & Southern Europe	4	Thousands	550+ million

At least one person was killed and 11 others were injured as a strong magnitude-6.3 earthquake rattled the Greek Island of Lesbos on June 12. The shallow quake struck just off the island's south coast and caused significant damage across the island. The hardest hit area was the village of Vriza where some 90 percent of buildings sustained severe damage or were destroyed: 800 residents were evacuated. More than 1,100 buildings were rendered uninhabitable.

At least 64 people were killed after more than 60 wildfires were ignited in Portugal on June 17-18. The fires took hold as temperatures soared above 40 Celsius (104 Fahrenheit) and combined with a recent lack of rainfall. The largest fire burned near Pedrógão Grande, in Leiria District, where at least 47 people were killed. Several communities were affected. According to a government report, 481 houses were damaged or destroyed, 49 businesses were affected and swaths of forest were burned. The government estimated direct damages at EUR193 million (USD219 million), while total losses, including reconstruction costs, business subsidies and risk prevention measures, will amount to EUR497 million (USD565 million).

The first significant European heatwave of this year peaked on June 22 as temperatures widely exceeded 35 Celsius (95 Fahrenheit). This was followed by outbreaks of strong thunderstorms that brought large hail, severe wind gusts and excessive rainfall to parts of Germany and the Czech Republic on June 22 and Italy, Slovenia and Croatia on June 25. The storms were expected to cost German insurers EUR400 million (USD455 million). Severe weather damaged about 50,000 hectares of crops in the country, worth tens of millions (EUR).

Middle East

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
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There were no significant natural disaster events in the Middle East during the month of June.

Africa

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
06/07-06/08	Severe Wx & Wildfires	South Africa	11	Thousands	500+ million
06/10-06/16	Flooding	Niger, Ivory Coast	27+	700+	10s of millions

A powerful low pressure system left 11 people dead in South Africa as it lashed the country's southwestern coast on June 7. Widespread damage and disruption was reported throughout the Western Cape region as the storm produced powerful wind gusts and lightning strikes that triggered numerous fires. The deadliest and costliest fire burned near Knysna as thousands of homes, structures and vehicles were damaged or destroyed. Published reports indicated that insurance payouts from the wildfires and storms could cost the local industry as much as ZAR4.0 billion (USD305 million). Overall economic losses were even higher.

The onset of the West African Monsoon prompted flooding and landslides in Niger and Ivory Coast from June 10-16. At least 16 people died in Niger as floodwaters destroyed 700 homes in the capital, Niamey, and across the regions of Tillabéri, Niamey, Maradi, and Zinder. In Ivory Coast significant damage to multiple buildings and to infrastructure was reported from coastal regions where 11 people were killed. The worst affected areas were the districts of Abobo, Koumassi and Yopougon.

Asia

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
05/31-06/05	Flooding	China, Taiwan	4	10,100+	368+ million
06/01-06/03	Flooding	Indonesia	4	60,000+	10s of millions
06/05-06/07	Heatwave	India	28	N/A	Unknown
06/09-06/12	Flooding	China	11	11,500+	115+ million
06/10	Severe Weather	Pakistan	15	Hundreds	Millions
06/12-06/13	Flooding	China	1	1,500+	51+ million
06/12-06/13	Flooding	Bangladesh, India	169+	5,000+	10s of millions
06/15-06/21	Flooding	China	9	400+	93+ million
06/21-06/22	Severe Weather	China	2	400+	50+ million
06/22-06/27	Flooding	China	31	131,000+	2.4+ billion
06/23	Landslide	China	83	62+	Millions
06/30-07/04	Flooding	Pakistan	43	Hundreds	Unknown

At least four people were killed as a vigorous Mei-Yu rain band became lodged over southern provinces of China and central and northern portions of Taiwan from May 31-June 5. Three of the fatalities were reported in Taiwan. Significant damage to properties and vast swathes of inundated agricultural land was reported from both countries leading to aggregated economic losses estimated at USD368 million.

Central portions of the Indonesian archipelago were impacted by torrential downpours from June 1-3 that led to severe flooding on the islands of Kalimantan (Borneo) and Sulawesi (Celebes). At least four people died or were missing, while tens of thousands of homes were inundated across the islands.

At least 28 people died due to heat-related illnesses in three Indian states as heatwave conditions have prevailed across much the country ahead of the advancing monsoon front from June 5-7. Sixteen heat wave-related deaths were reported in Odisha (Orissa) on June 7; 10 were reported in Uttar Pradesh on June 6; while a further two were reported in Gujarat on June 7.

Heavy rainfall over portions of Sichuan, Yunnan, Chongqing, Guizhou, Hubei, Hunan, Jiangxi, Zhejiang, and Fujian provinces in China from June 8 through June 12 prompted widespread and damaging floods that claimed at least 11 lives. A total of 7,900 homes were damaged while a further 3,600 homes were destroyed. Agricultural interests also endured heavy damage as 121,000 hectares (299,000 acres) of crops were inundated. Aggregated economic losses were listed at CNY780 million (USD115 million).

At least 15 people were killed and more than 110 others were injured as pre-monsoon thunderstorms impacted Pakistan's Punjab Province on June 10. Among the worst affected areas was Bahawalnagar City where six people were killed and 60 others were injured. Widespread damage to homes, structures, and the electrical grid were also reported.

Further flooding affected parts of China's Hubei, Hunan, Anhui, Jiangxi, Zhejiang, and Fujian provinces on June 12-13 resulting in one fatality. Some 1,500 homes were damaged including 100 that were destroyed. Damage to agricultural interests totaled some 21,600 hectares (53,375 acres). Economic losses were listed at CNY347 million (USD51 million).

The official onset of the Southwest Monsoon over Bangladesh was heralded by torrential rainfall that prompted devastating flooding and landslides in southeastern portions of the country on June 12-13 and in neighboring states of India. In Bangladesh, at least 155 people were killed while 14 fatalities were reported in the Indian states of Mizoram and Assam. Reports indicated that at least 5,000 homes in Bangladesh were destroyed. Widespread power outages ensued as portions of the grid were destroyed.

The Mei-yu rain band brought multiple separate outbreaks of severe weather and heavy rainfall across much of China from June 15-21. At least nine people were killed and one other was listed as missing. Fujian, Guangdong, Beijing, Hebei, Shanxi, Inner Mongolia, Liaoning, Jilin, Heilongjiang, Shaanxi, Gansu, Qinghai, Ningxia Hui, Yunnan, Jiangxi, Hubei, Hunan, Shandong, and Henan provinces were all affected. Some 92,400 hectares (228,325 acres) of crops were affected including 5,400 hectares (13,345 acres) that were destroyed. Aggregated economic losses were listed at CNY636 million (USD93 million).

Portions of northeastern China were impacted by fierce thunderstorms on June 21 and 22 that claimed two lives and left thousands of people displaced. Hundreds of homes and vast swaths of agricultural land were affected as hail and heavy rainfall pummeled parts of Hebei, Shanxi, Inner Mongolia, Shandong, Henan, and Shaanxi provinces. Total economic losses were listed by China's Ministry of Civil Affairs at CNY336 million (USD50 million).

Flooding in nine southern Chinese provinces from June 22-27 – caused by Mei-yu rains – claimed at least 31 lives and damaged or destroyed more than 130,000 homes. A burst of convective activity on the rain band prompted torrential downpours that affected a vast swath of the Yangtze River Basin from June 22-25. Across the provinces of Sichuan, Yunnan, Chongqing, Guizhou, Hubei, Hunan, Anhui, Jiangxi, and Zhejiang economic losses reached CNY15.8 billion (USD2.35 billion). Additional flooding in the south from a separate pulse of the seasonal rains led to another CNY400 million (USD60 million) in damage.

Dozens of people were buried when a massive landslide struck Xinmo village in the northern part of China's Sichuan province. The landslide struck on June 23 and as of June 26 some 10 victims had been recovered while a further 73 people were officially listed as missing. More than 400 residents were displaced as 62 homes were destroyed.

At least 43 people were killed and dozens more injured across Pakistan following the arrival of seasonal monsoon rains at the end of June into early July. Many of the casualties occurred on June 30 after flash floods led to landslides that destroyed several villages. Physical damage to homes and businesses were reported, including additional impacts to crops and infrastructure.

Oceania (Australia, New Zealand, South Pacific Islands)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
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There were no significant natural disaster events in Oceania during the month of June.

Appendix

Updated 2017 Data: January – May

United States

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-01/03	Severe Weather	Southeast, Plains	6	10,000+	250+ million
01/06-01/13	Winter Weather	Pacific Northwest, Southwest, Rockies	5	40,000+	700+ million
01/06-01/08	Winter Weather	Southeast, East Coast	5	Thousands	Millions
01/13-01/18	Winter Weather	Plains, Midwest	7	Thousands	Millions
01/17-01/19	Winter Weather	West, Rockies	4	Thousands	Millions
01/18-01/23	Severe Weather	Southeast, Plains, West, Northeast	21	100,000+	1.3+ billion
01/19-01/25	Winter Weather	West, Rockies, Plains, Midwest	5	Thousands	Millions
02/07-02/08	Severe Weather	Southeast	1	10,000+	175+ million
02/08-02/09	Winter Weather	Mid-Atlantic, Northeast	1	Unknown	Millions+
02/12-02/14	Flooding	California	0	N/A	200+ million
02/12-02/14	Winter Weather	Upper Mid-Atlantic, Northeast	1	Thousands	Millions+
02/14	Severe Weather	Texas	0	Hundreds	Millions+
02/16-02/18	Flooding	California	7	25,000+	800+ million
02/19-02/21	Flooding	California	1	10,000+	500+ million
02/19-02/20	Severe Weather	Texas	0	20,000+	225+ million
02/24-02/25	Severe Weather	Northeast, Mid-Atlantic	0	Thousands	Millions+
02/27-03/02	Severe Weather	Midwest, Southeast, Mid-Atlantic	4	175,000+	1.9+ billion
03/06-03/10	Severe Weather	Midwest, Plains, Southeast	0	250,000+	2.1+ billion
03/07-03/09	Wildfires	Plains, Rockies, Florida	7	Hundreds	100+ million
03/13-03/15	Winter Weather	Plains, Midwest, Southeast, Northeast	11	Thousands	1.0+ billion
03/20-03/22	Severe Weather	Southeast, Midwest	1	75,000+	975+ million
03/26-03/28	Severe Weather	Plains, Southeast, Midwest	0	180,000+	2.2+ billion
03/28-03/31	Severe Weather	Plains, Southeast, Midwest, Mid-Atlantic	1	30,000+	325+ million
04/01-04/03	Severe Weather	Plains, Southeast	5	30,000+	350+ million
04/04-04/06	Severe Weather	Plains, Mississippi Valley, Southeast	0	70,000+	575+ million
04/07-04/08	Severe Weather	West	1	10,000+	125+ million
04/09-04/11	Severe Weather	Plains, Midwest	1	30,000+	325+ million
04/14-04/20	Severe Weather	Plains, Midwest	0	Thousands	100+ million
04/21-04/26	Severe Weather	Plains, Midwest, Southeast, Mid-Atlantic	1	70,000+	850+ million
04/25-04/27	Severe Weather	Plains, Midwest, Southeast	0	15,000+	125+ million
04/28-05/01	Severe Weather	Midwest, Plains, Southeast, MS Valley	20	100,000+	2.0+ billion
05/02-05/05	Severe Weather	Plains, Mississippi Valley, Southeast	0	20,000+	175+ million
05/08-05/11	Severe Weather	Rockies, Plains	0	250,000+	2.5+ billion
05/15-05/19	Severe Weather	Plains, Midwest, Rockies	3	70,000+	975+ million
05/20-05/24	Severe Weather	Plains, Midwest, MS Valley, Southeast	1	Thousands	Millions
05/25-05/29	Severe Weather	Plains, Midwest, Mid-Atlantic, Rockies	2	40,000+	425+ million

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

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/24-01/27	Winter Weather	Canada	2	Hundreds	10s of Millions
03/08	Severe Weather	Canada	1	10,000+	125+ million
03/11	Winter Weather	Canada	0	Thousands	Millions
04/15-05/10	Flooding	Canada	0	Thousands	Millions
04/20-04/23	Flooding	Jamaica, Haiti, Dominican Republic	2	Thousands	Millions
05/05-05/10	Flooding	Canada	2	Thousands	10s of millions
05/05-05/20	Flooding	Canada	2	5,200+	100s of millions
05/23-05/24	Severe Weather	Canada	0	Thousands	10s of millions

South America

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-02/01	Wildfire	Chile	11	2,500+	870+ million
01/01-04/01	Flooding	Peru	120	245,000+	3.1+ billion
02/24-02/26	Flooding	Chile	6	Hundreds	Millions
03/17-03/27	Flooding	Colombia	12	Hundreds	Millions+
04/01	Flooding	Colombia	420	2,500+	10s of millions
04/19	Landslide	Colombia	24	100+	Millions
05/26-05/29	Flooding	Brazil	14	Thousands	100+ million

Europe

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/02-01/13	Winter Weather	Central, Eastern, Southeastern Europe	76	Thousands	10s of millions
01/12-01/13	WS Dieter & Egon	France, Germany, Belgium	0	Thousands	350+ million
01/18	Earthquake	Italy	30	Hundreds	TBD
01/20-01/24	Severe Weather	Spain, France, Italy	3	Hundreds	Millions
02/03-02/06	EU Windstorms	Spain, France	2	Thousands	Millions+
02/23-02/24	WS Thomas	Western & Central Europe	3	Thousands	475+ million
03/06-03/07	WS Zeus	France	2	Thousands	550+ million
04/19-04/24	Winter Weather	Germany, Austria, Switzerland, Italy	0	Thousands	300+ million
05/29	Severe Weather	Russia	16	Thousands	Millions

Middle East

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
04/14-04/15	Flooding	Iran	48	Hundreds	353+ million
05/13	Earthquake	Iran	3	Thousands	Millions

Africa

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-03/31	Drought	Somalia, Ethiopia, Kenya	100s	N/A	1.9+ billion
01/01-03/31	Flooding	Zimbabwe	271	Thousands	200+ million
01/01-06/01	Drought	South Africa	N/A	N/A	100+ million
01/05-01/12	Flooding	South Africa, Angola	7	5,000+	Millions
02/15-02/16	Cyclone Dineo	Mozambique	7	107,204+	17+ million
03/07	Cyclone Enawo	Madagascar	99	85,000+	20+ million
03/19	Severe Weather	Ghana	19	0	N/A
03/21-03/24	Flooding	Angola	11	5,300+	Millions
05/08-05/16	Flooding	Kenya, Tanzania	33	Thousands	194+ million

Asia

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/01-01/31	Flooding	Thailand	96	585,000+	860+ million
01/01-01/23	Flooding	Malaysia	0	Thousands	132+ million
01/12-01/16	Flooding	Philippines	11	Hundreds	Unknown
01/16-01/31	Flooding	Philippines	11	1,000+	8.1+ million
01/20	Landslide	China	12	One	Unknown
01/22-01/24	Flooding	Pakistan	5	Hundreds	Unknown
01/24-01/25	Winter Weather	Afghanistan	31	N/A	Unknown
01/25-01/26	Winter Weather	India	11	N/A	Unknown
01/25-01/30	Flooding	Indonesia	1	2,000+	Millions
01/28	Earthquake	China	0	14,000+	55+ million
02/01-02/05	Winter Weather	Afghanistan, Pakistan	159	325+	Unknown
02/09-02/12	Flooding	Indonesia	12	18,000+	Millions+
02/10	Earthquake	Philippines	8	7,200+	40+ million
02/17-02/19	Winter Weather	Afghanistan, Pakistan	58	N/A	N/A
01/01-05/01	Drought	Sri Lanka	N/A	N/A	10s of millions
03/01	Severe Weather	China	7	13,700+	28+ million
03/03	Flooding	Indonesia	8	3,482+	19+ million
03/14-03/29	Severe Weather	Thailand	3	6,000+	Millions
03/27	Earthquake	China	0	45,000+	50+ million
03/28-04/15	Flooding	Bangladesh	0	Thousands	352+ million
04/01	Landslide	Indonesia	28	23+	11+ million
04/04-04/09	Earthquake	Philippines	0	5,000+	Millions
04/08-04/10	Severe Weather	China	2	2,300+	36+ million
04/15	TD 02W	Philippines	10	170+	Millions
04/15-04/17	Severe Weather	China	0	3,800+	41+ million
04/20-04/22	Heatwave	India	10	N/A	N/A
04/22	Severe Weather	Pakistan	11	Hundreds	Unknown
04/29	Landslide	Kyrgyzstan	24	11+	Unknown
04/29	Flooding	Indonesia	10	71+	Unknown

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
05/01-05/31	Drought	China	N/A	N/A	122+ million
05/01	Severe Weather	Bangladesh	12	Unknown	Unknown
05/07-05/20	Flooding	China	17	15,000+	225+ million
05/11	Earthquake	China	8	59,300+	294+ million
05/12-05/15	Flooding	Indonesia	7	5,000+	Millions
05/13-05/15	Severe Weather	China	1	5,000+	147+ million
05/20-05/24	Severe Weather	China	9	20,000+	294+ million
05/25-05/31	Flooding	Sri Lanka	~290	23,000+	197+ million
05/29-05/31	Cyclone Mora	Bangladesh, Myanmar	9	50,000+	100+ million

Oceania (Australia, New Zealand, South Pacific Islands)

Date	Event	Location	Deaths	Structures/ Claims	Economic Loss (USD)
01/20-01/23	Flooding	French Polynesia	0	1,000+	Millions
02/09-02/13	Wildfires	Australia	0	1,200+	10s of Millions
02/09-02/16	Flooding	Australia	2	Thousands	100s of Millions
02/17-02/19	Severe Weather	Australia	1	53,700+	525+ million
03/07-03/12	Flooding	New Zealand	0	7,000+	55+ million
03/28-04/05	Cyclone Debbie	Australia, New Zealand	14	58,000+	2.0+ billion
04/09-04/14	Cyclone Cook	Vanuatu, New Caledonia, New Zealand	1	Thousands	Millions
05/04-05/10	Cyclone Donna	South Pacific Islands, New Zealand	2	Hundreds	Millions

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 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. Specific events may include modeled loss estimates determined from utilizing Impact Forecasting's suite of catastrophe model products.

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