

Capital Adequacy (E) Task Force

RBC Proposal Form

- | | | |
|---|--|---|
| <input type="checkbox"/> Capital Adequacy (E) Task Force | <input type="checkbox"/> Health RBC (E) Working Group | <input type="checkbox"/> Life RBC (E) Working Group |
| <input checked="" type="checkbox"/> Catastrophe Risk (E) Subgroup | <input type="checkbox"/> P/C RBC (E) Working Group | <input type="checkbox"/> Longevity Risk (A/E) Subgroup |
| <input type="checkbox"/> Variable Annuities Capital. & Reserve (E/A) Subgroup | <input type="checkbox"/> Economic Scenarios (E/A) Subgroup | <input type="checkbox"/> RBC Investment Risk & Evaluation (E) Working Group |

DATE: <u>11/3/2025</u>	FOR NAIC USE ONLY
CONTACT PERSON: <u>Derek Noe</u>	Agenda Item # <u>2025-08-CR</u>
TELEPHONE: <u>816-783-8973</u>	Year <u>2025</u>
EMAIL ADDRESS: <u>dnoe@naic.org</u>	DISPOSITION
ON BEHALF OF: <u>Catastrophe Risk (E) Subgroup</u>	ADOPTED:
NAME: <u>Wanchin Chou</u>	<input checked="" type="checkbox"/> TASK FORCE (TF) <u>1st Release:11/19/2025</u>
TITLE: <u>Chair</u>	<u>2nd Release:1/28 /2026</u>
AFFILIATION: <u>Connecticut Department of Insurance</u>	<input checked="" type="checkbox"/> WORKING GROUP (WG) <u>1st Release:</u>
ADDRESS: <u>153 Market St,</u>	<u>11/12/2025 2nd Release: 1/21/2026</u>
<u>Hartford, CT 06103</u>	<input checked="" type="checkbox"/> SUBGROUP (SG) <u>1st Release:11/12/2025</u>
	<u>2nd Release: 1/21/2026</u>
	EXPOSED:
	<input type="checkbox"/> TASK FORCE (TF) _____
	<input checked="" type="checkbox"/> WORKING GROUP (WG) <u>1st Release:</u>
	<u>11/3/2025 2nd Release: 1/7/2026</u>
	<input checked="" type="checkbox"/> SUBGROUP (SG) <u>1st Release:</u>
	<u>11/3/2025 2nd Release: 1/7/2026</u>
	REJECTED:
	<input type="checkbox"/> TF <input type="checkbox"/> WG <input type="checkbox"/> SG _____
	OTHER:
	<input type="checkbox"/> DEFERRED TO _____
	<input type="checkbox"/> REFERRED TO OTHER NAIC GROUP
	<input type="checkbox"/> (SPECIFY) _____

IDENTIFICATION OF SOURCE AND FORM(S)/INSTRUCTIONS TO BE CHANGED

- | | | |
|--|---|--|
| <input type="checkbox"/> Health RBC Blanks | <input type="checkbox"/> Property/Casualty RBC Blanks | <input type="checkbox"/> Life and Fraternal RBC Blanks |
| <input type="checkbox"/> Health RBC Instructions | <input type="checkbox"/> Property/Casualty RBC Instructions | <input type="checkbox"/> Life and Fraternal RBC Instructions |
| <input type="checkbox"/> Health RBC Formula | <input type="checkbox"/> Property/Casualty RBC Formula | <input type="checkbox"/> Life and Fraternal RBC Formula |
| <input checked="" type="checkbox"/> OTHER <u>Cat Event Lists</u> | | |

DESCRIPTION/REASON OR JUSTIFICATION OF CHANGE(S)

2025 U.S. and non-U.S. Catastrophe Event Lists

Additional Staff Comments:

New events were determined based on the sources from Swiss Re and Aon Benfield.

**** This section must be completed on all forms.**

Revised 2-2023

U.S. List of Catastrophes for Use in Reporting catastrophe Data in PR036 and PR100+

Type of Event	Name	Date	Location	Overall losses when occurred
Hurricane	Matthew	2016	Florida, North Carolina, South Carolina, Georgia and Virginia	\$ 2,698,400,000
Hurricane	Hermine	2016	Florida, North Carolina, South Carolina, Georgia and Virginia	\$ 245,640,000
Severe Convective Storm	Thunderstorm, flood, landslides	1/31/2016 - 2/1/2016	CA	25-100m
Severe Convective Storm	Thunderstorms, wind	2/19/2016 - 2/20/2016	MI, IL	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	2/22/2016-2/25/2016	TX, NC, LA, FL, GA, VA, NY, SC, PA, MA, AL, CT, MS, DC, DE	600m-1b
Severe Convective Storm	Thunderstorms, hail, flood	3/5/2016 - 3/11/2016	LA, TX, CA, MS, AR, TN, OK	300-600m
Severe Convective Storm	Thunderstorms, tornadoes, hail	3/13/2016 - 3/14/2016	SC, AR, NC	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	3/13/2016 - 3/15/2016	IL, WA, CA	100-300m
Severe Convective Storm	Thunderstorms, hail	3/17/2016 - 3/18/2016	TX, LA, MS, AR, FL, AL	600m-1b
Severe Convective Storm	Thunderstorms, hail	3/27/2016	IN	25-100m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	3/30/2016 - 4/1/2016	TX, OK, MS, AR, AL, LA, KS	100-300m
Severe Convective Storm	Thunderstorms, hail	4/2/2016 - 4/3/2016	IN, OH, NJ, IL, PA, MD, VA, NY, DE, DC	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	4/25/2016 - 4/28/2016	TX, KS, MO, IN, WV, OK, IL, NC, MS	600m-1b
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	4/29/2016 - 5/3/2016	TX, AR, VA, IN, NC, MD, OK, GA, MO, IL, WV	1-3b
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/7/2016 - 5/10/2016	NE, KY, TX, OK, CO, TN, KS	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/11/2016 - 5/12/2016	MO, TX, NE, IL	600m-1b
Severe Convective Storm	Thunderstorms, hail	5/16/2016 - 5/19/2016	TX	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/21/2016 - 5/28/2016	TX, MT, KS, MO, CO	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, flood	5/29/2016 - 6/2/2016	TX	100-300m
Severe Convective Storm	Thunderstorms, hail	6/6/2016 - 6/7/2016	CO	100-300m
Severe Convective Storm	Thunderstorms, hail	6/16/2016 - 6/18/2016	VA, GA, AL, SC	100-300m
Severe Convective Storm	Thunderstorms, hail	6/16/2016 - 6/18/2016	ND, SD, MN	100-300m
Severe Convective Storm	Thunderstorms, hail, flood	7/5/2016 - 7/7/2016	MN, TN, KY, WI	100-300m
Severe Convective Storm	Thunderstorms, hail	7/7/2016 - 7/9/2016	CO, MI, NC, TN	100-300m
Severe Convective Storm	Thunderstorms, hail, tornadoes	7/13/2016 - 7/15/2016	CO, OK, IL, AR, MO, KS	300-600m
Severe Convective Storm	Thunderstorms, hail	7/20/2016 - 7/21/2016	MN	25-100m
Severe Convective Storm	Thunderstorms, hail, flood	7/30/2016 - 8/1/2016	MD, NJ, NY, PA, VA	100-300m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	8/24/2016 - 8/25/2016	IN, OH	25-100m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	9/19/2016 - 9/23/2016	WI, MN, IA	100-300m
Severe Convective Storm	Thunderstorms, tornadoes	11/28/2016 - 12/1/2016	TN, AL, GA, SC, MS, LA, NC	100-300m
Severe Convective Storm	Hailstorm	3/23/2016	TX	1-3b
Severe Convective Storm	Hailstorm	4/10/2016 - 4/15/2016	TX, FL	1-3b
Severe Convective Storm	Hailstorm	7/28/2016 - 7/29/2016	CO, WY	1-3b
Severe Convective Storm	Hailstorm	11/4/2016 - 11/6/2016	TX, NM	300-600m
Wildfire	Erskine Fire	6/23/16-7/11/16	Lake Isabella, Kern County, California	~26 million
Wildfire	Soberanes Fire	7/22/16-9/30/16	Soberanes Creek, Garrapata State Park, Santa Lucia Preserve, Monterey County, California	> 200 million
Wildfire	Chimney Fire	8/13/16-9/6/16	Santa Lucia Range, San Luis Obispo County, California	> 25 million
Wildfire	Clayton Fire	8/13/16-8/26/16	Lake County, California	>25 million
Wildfire	Gatlinburg Wildfire	11/29/16-12/5/16	Sevier County, Gatlinburg, Pigeon Forge, Tennessee	~637 million
Wildfire	Northern California Wildfires	10/8/17-10/31/17	Northern California	~ 11 billion
Wildfire	Southern California Wildfires	12/4/17-12/23/17	Southern California	~ 2.2 billion
Hurricane	Harvey	2017	Texas, Louisiana	25+ million
Hurricane	Jose	2017	East Coast of the United States	25+ million
Hurricane	Irma	2017	Eastern United States	25+ million
Hurricane	Maria	2017	Southeastern United States, Mid-Atlantic States	25+ million
Hurricane	Nate	2017	Louisiana, Mississippi, Alabama, Tennessee and Eastern United States	25+ million
Severe Convective Storm	Thunderstorms, tornadoes	1/1/2017 - 1/3/2017	GA, TX, AL, LA, MS	100-100m
Severe Convective Storm	Tornadoes	1/18/2017 - 1/23/2017	CA, GA, MS, TX, FL, AL, LA, SC	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, hail	2/7/2017	LA, AL, FL, MS	100-300m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	2/19/2017 - 2/20/2017	TX	100-300m
Severe Convective Storm	Windstorm, flood	2/19/2017 - 2/21/2017	CA	25-100m
Severe Convective Storm	Thunderstorms, tornadoes, hail	2/25/2017	VA, PA	100m-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	2/28/2017 - 3/2/2017	IL, MO, IN, KY, OH, TN, GA, IA, AR, NC, VA, AL, SC, WV, MD, MI	1-3b
Severe Convective Storm	Thunderstorms, tornadoes, hail	3/6/2017 - 3/9/2017	MO, MI, NY, MN, IA, OH, IL, WI, AR, OK, NE	1-3b
Severe Convective Storm	Thunderstorms, hail	3/21/2017 - 3/22/2017	SC, TN, GA, NC	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, hail	3/28/2017 - 3/31/2017	TX, VA, NC, OK	100-300m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	4/2/2017 - 4/3/2017	TX, GA, LA, MS, AL, SC, FL, AR, NC	100-300m

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Type of Event	Name	Date	Location	Overall losses when occurred
Severe Convective Storm	Thunderstorms, tornadoes, hail	4/4/2017 - 4/6/2017	AL, KY, GA, VA, SC, TX, MO, NC, TN, FL, MD, OK, AR, KS, DC	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes	4/10/2017 - 4/11/2017	TX, IL, IN	100-300m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	4/21/2017 - 4/25/2017	TX, TN, OK, NC, VA, SC	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, hail	4/26/2017	TX	25-100m
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/3/2017 - 5/5/2017	TX, LA, GA, VA, NC	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/15/2017 - 5/18/2017	IL, WI, MN, OK, IA, NY	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/27/2017 - 5/28/2017	MO, TN, VA, OK, KY	300-600m
Severe Convective Storm	Thunderstorms, hail	6/2/2017 - 6/4/2017	TX	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	6/12/2017 - 6/14/2017	TX, WY, Midwest	600m-1b
Severe Convective Storm	Thunderstorms, tornadoes, hail	6/16/2017 - 6/19/2017	NE, IA, KS, MO, PA, IL, VA, NY	300-600m
Severe Convective Storm	Thunderstorms, tornadoes, hail	6/27/2017 - 6/29/2017	NE, IA, IL	1-3b
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	7/11/2017 - 7/12/2017	IL, MN	100-300m
Severe Convective Storm	Thunderstorms, hail	7/21/2017 - 7/23/2017	IL, KS, MO	300-600m
Severe Convective Storm	Thunderstorms, hail, tornadoes, flood	8/5/2017 - 8/8/2017	TX, OK, LA, KS, MO	100-300m
Severe Convective Storm	Thunderstorms, hail, flood	10/14/2017 - 10/15/2017	IL, MO, KS	100-300m
Severe Convective Storm	Thunderstorms, hail	11/5/2017 - 11/6/2017	OH, MO	100-300m
Severe Convective Storm	Thunderstorms, tornadoes, hail	3/26/2017 - 3/28/2017	TX, OK, AL, TN, KY, MS	1-3b
Severe Convective Storm	Thunderstorms, tornadoes, hail	5/8/2017 - 5/11/2017	CO, NM, OK, TX, MO	1-3b
Severe Convective Storm	Hailstorm	6/11/2017	MN, WI	1-3b
Tropical Storm	Alberto	2018	Southeast, Midwest	25+ million
Hurricane	Lane	2018	Hawaii	25+ million
Tropical Storm	Gordon	2018	Southeast, Gulf coast of the United States, Arkansas and Missouri	25+ million
Hurricane	Florence	2018	Southeast, Mid-Atlantic	25+ million
Hurricane	Michael	2018	Southeastern and East Coasts of United States	25+ million
Wildfire	Spring Creek Fire	6/27/18-7/11/18	Spring Creek, Colorado	< 100 million
Wildfire	Carr, Mendocino California Wildfires	7/23/18-8/15/18	Northern California	>1,000 million
Wildfire	Northern California Camp Wildfire	11/8/18-11/25/18	Butte County, California	>7.5 billion
Wildfire	Southern California Woolsey Wildfires	11/8/18-11/21/18	Los Angeles and Ventura County, California	2.9 billion
Severe Convective Storm		1/8/2018 - 1/10/2018	CA	<1,000m
Severe Convective Storm		2/24/2018 - 2/26/2018	KY, TN, MO, AR	<1,000m
Severe Convective Storm		3/18/2018 - 3/21/2018	TX, LA, AL, MS, GA, FL, SC	>1,000m
Severe Convective Storm		4/6/2018 - 4/7/2018	TX, LA, MS, OK	<1,000m
Severe Convective Storm		4/13/2018 - 4/17/2018	TX, OK, MO, AR, LA, MS, IA, KS, VA, NC, SC, GA, FL	<1,000m
Severe Convective Storm		4/28/2018 - 5/5/2018	KS, MO, IA, IL	>1,000m
Severe Convective Storm		5/12/2018 - 5/16/2018	Northeast, Midwest, Southern	>1,000m
Severe Convective Storm		6/3/2018 - 6/6/2018	Southwest	<1,000m
Severe Convective Storm		6/12/2018 - 6/13/2018	Midwest	<1,000m
Severe Convective Storm		6/18/2018 - 6/20/2018	Midwest	>1,000m
Severe Convective Storm		6/24/2018 - 6/26/2018	Midwest	<1,000m
Severe Convective Storm		6/29/2018 - 7/1/2018	Midwest	<1,000m
Severe Convective Storm		7/19/2018 - 7/22/2018	Midwest, Southern	>1,000m
Severe Convective Storm		7/21/2018 - 7/26/2018	Northeast	<1,000m
Severe Convective Storm		7/26/2018 - 7/29/2018	Midwest, Southern	<1,000m
Severe Convective Storm		7/30/2018 - 7/31/2018	Southwest	<1,000m
Severe Convective Storm		8/6/2018 - 8/7/2018	Midwest	<1,000m
Severe Convective Storm		9/20/2018 - 9/21/2018	Midwest	<1,000m
Severe Convective Storm		10/31/2018 - 11/1/2018	Midwest	>1,000m
Severe Convective Storm		11/14/2018 - 11/16/2018	Northeast	<1,000m
Hurricane	Dorian	2019	Southeast, Mid-Atlantic	500+ million
Hurricane	Barry	2019	Southeast, Midwest, Northeast	300+ million
Tropical Storm	Imelda	2019	Plains, Southeast	25+ million
Tropical Storm	Nestor	2019	Southeast	25+ million
Tropical Storm	Olga	2019	Louisiana, Mississippi, Texas and Arkansas	25+ million
Wildfire	Saddleridge Wildfire	10/10/19-10/23/19	Sylmar, Los Angeles, Calimesa, Riverside County, California	<1,000 million
Wildfire	Kincade Wildfire	10/23/19-11/6/19	Northeast of Geyserville, Sonoma County, California	<1,000 million
Severe Convective Storm		2/1/2019 - 2/3/2019	CA	<100m
Severe Convective Storm		2/23/2019 - 2/26/2019	Midwest, Northeastern	<1,000m

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Type of Event	Name	Date	Location	Overall losses when occurred
Severe Convective Storm		2/26/2019 - 2/28/2019	CA	<100m
Severe Convective Storm		3/3/2019 - 3/4/2019	Southern	<1,000m
Severe Convective Storm		3/23/2019 - 3/25/2019	Southern	>1,000m
Severe Convective Storm		3/26/2019 - 3/27/2019	FL	<1,000m
Severe Convective Storm		4/5/2019 - 4/7/2019	Southern	<1,000m
Severe Convective Storm		4/12/2019 - 4/15/2019	Midwest, Southeast	<1,000m
Severe Convective Storm		4/17/2019 - 4/20/2019	Southern	<1,000m
Severe Convective Storm		4/23/2019 - 4/25/2019	Southern	<1,000m
Severe Convective Storm		4/30/2019 - 5/2/2019	Midwest, Southern	<1,000m
Severe Convective Storm		5/7/2019 - 5/10/2019	Southern	<1,000m
Severe Convective Storm		5/13/2019	NC	<1,000m
Severe Convective Storm		5/16/2019 - 5/17/2019	Midwest	<1,000m
Severe Convective Storm		5/17/2019 - 5/18/2019	TX	<1,000m
Severe Convective Storm		5/20/2019 - 5/22/2019	Midwest, Southern	<1,000m
Severe Convective Storm		5/24/2019 - 5/25/2019	Southern	<100m
Severe Convective Storm		5/26/2019 - 5/29/2019	Multistate	>1,000m
Severe Convective Storm		6/4/2019 - 6/6/2019	Midwest	<1,000m
Severe Convective Storm		6/9/2019 - 6/10/2019	Southern	<1,000m
Severe Convective Storm		6/15/2019 - 6/16/2019	IN	<100m
Severe Convective Storm		6/16/2019 - 6/17/2019	TX	<1,000m
Severe Convective Storm		6/23/2019 - 6/24/2019	TX	<1,000m
Severe Convective Storm		6/29/2019 - 6/30/2019	IL, NY	<100m
Severe Convective Storm		7/4/2019 - 7/5/2019	CO	<1,000m
Severe Convective Storm		7/7/2019 - 7/8/2019	Southern	<1,000m
Severe Convective Storm		7/17/2019 - 7/18/2019	MN, WY	<1,000m
Severe Convective Storm		7/19/2019 - 7/23/2019	Northeast, Midwest	<1,000m
Severe Convective Storm		7/26/2019 - 7/27/2019	MN	<1,000m
Severe Convective Storm		8/4/2019 - 8/5/2019	MN, WI	<1,000m
Severe Convective Storm		8/6/2019	ND, SD	<1,000m
Severe Convective Storm		8/10/2019 - 8/11/2019	MT	<1,000m
Severe Convective Storm		8/14/2019 - 8/18/2019	Midwest	<1,000m
Severe Convective Storm		8/25/2019 - 8/26/2019	Midwest, South	<1,000m
Severe Convective Storm		9/10/2019 - 9/11/2019	Midwest	<1,000m
Severe Convective Storm		9/27/2019 - 9/28/2019	Midwest	<100m
Severe Convective Storm		10/16/2019 - 10/17/2019	Northeast	<1,000m
Severe Convective Storm		10/20/2019 - 10/21/2019	Southern	>1,000m
Severe Convective Storm		10/26/2019 - 10/27/2019	CA	<100m
Severe Convective Storm		10/31/2019 - 11/1/2019	Northeast, South	<1,000m
Severe Convective Storm		11/19/2019 - 11/21/2019	AZ	<100m
Severe Convective Storm		11/26/2019 - 11/28/2019	Midwest	<1,000m
Tropical Storm	Cristobal	2020	Southeast, Plains, Midwest	150 million
Tropical Storm	Fay	2020	Southeast, Northeast	400 million
Hurricane	Hanna	2020	Texas	350 million
Hurricane	Isaías	2020	Southeast, Mid-Atlantic, Northeast	> 3 billion
Hurricane	Laura	2020	Plains, Southeast, Mid-Atlantic	> 4 billion
Hurricane	Sally	2020	Southeast (Alabama, Mississippi, Louisiana)	> 1 billion
Tropical Storm	Beta	2020	Plains, Southeast	25+ million
Hurricane	Delta	2020	Gulf Coast of United States, Southeast, Northeast (AL, GA, NC, SC, MS, LA, TX)	> 2 billion
Hurricane	Eta	2020	Florida	>1 billion
Hurricane	Zeta	2020	Gulf coast of the United States, Southeastern United States, Mid-Atlantic	> 1.5 billion
Wildfire	Cameron Peak	08/13/20-12/02/20	Roosevelt National Forest, Larimer County, Colorado	~71 million
Wildfire	SCU Lightning Complex Wildfire	8/16/20-9/16/20	San Francisco Bay Area, Central Valley Santa Clara, Alameda, Contra Costa, San Joaquin, Merced, Stanislaus	<1,000 million
Wildfire	Beachie Creek Wildfire	8/16/20-10/10/20	Approx. 2 miles south of Jaw Bones flats in rugged terrain deep in the Opal Creek Wilderness.	>1,000 million
Wildfire	CZU Lightning Complex Wildfire	8/16/20-9/22/20	San Mateo and Santa Cruz Counties, California	>1,000 million
Wildfire	LNU Lightning Complex Wildfire	8/17/20-10/2/20	Lake, Napa, Sonoma, Solano, and Yolo Counties, California	> 1,000 million
Wildfire	Carmel Fire	8/18/20-9/4/20	Carmel Valley, California	<1,000 milion

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Type of Event	Name	Date	Location	Overall losses when occurred
Wildfire	North Complex Fire	8/18/20-10/12/20	Plumas and Butte Counties, California	<1,000 million
Wildfire	Creek Fire	9/4/20-10/12/20	Fresno and Madera Counties, California	<1,000 million
Wildfire	Bobcat Fire	9/6/20-10/23/20	Central San Gabriel Mountains, in and around the Angeles National Forest California	< 1,000 million
Wildfire	Babb Road Fire	9/7/20-9/18/20	Malden and Pine City, Palouse County of Eastern Washington	<1,000 million
Wildfire	Almeda Fire	9/7/20-9/16/20	Jackson County, Oregon	<1,000 million
Wildfire	Holiday Farm Fire	9/7/20-10/3/20	Willamette National Forest	<1,000 million
Wildfire	Echo Mountain Complex Fire	9/7/20-9/23/20	north of Lincoln City, Oregon	<100 milion
Wildfire	Riverside Fire	9/8/20-10/3/20	Valley Drive between Misty Ridge Drive and Mitchell Avenue, Oregon	<100 million
Wildfire	Slater Fire	9/8/20-10-9/20	Northern California and Southern Oregon	<100 million
Wildfire	Glass Fire	9/27/20-10/19/20	Napa and Sonoma Counties, California	> 1,000 million
Wildfire	East Troublesome Fire	10/14/20-11/9/20	Grand County, Colorado	~543 million
Severe Convective Storm		1/10/2020 - 1/12/2020	Midwest, Southern	<1,000m
Severe Convective Storm		2/5/2020 - 2/8/2020	South, Northeast	<1,000m
Severe Convective Storm		2/8/2020 - 2/11/2020	AZ, CA	<100m
Severe Convective Storm		3/2/2020 - 3/4/2020	Midwest, Southern	>1,000m
Severe Convective Storm		3/17/2020 - 3/20/2020	Midwest, Southern	<1,000m
Severe Convective Storm		3/27/2020 - 3/30/2020	Midwest, Southern	>1,000m
Severe Convective Storm		4/7/2020 - 4/9/2020	Northeast, Midwest	>1,000m
Severe Convective Storm		4/10/2020 - 4/14/2020	Northeast, Southern	>1,000m
Severe Convective Storm		4/18/2020 - 4/20/2020	Southern	<1,000m
Severe Convective Storm		4/21/2020 - 4/24/2020	Southern	>1,000m
Severe Convective Storm		4/24/2020 - 4/26/2020	Southern	<1,000m
Severe Convective Storm		4/27/2020 - 4/30/2020	South, Northeast	<1,000m
Severe Convective Storm		5/2/2020 - 5/3/2020	Southern	<1,000m
Severe Convective Storm		5/4/2020 - 5/5/2020	Southern	>1,000m
Severe Convective Storm		5/7/2020 - 5/8/2020	Southern	<1,000m
Severe Convective Storm		5/13/2020 - 5/15/2020	Midwest, Northeast	<1,000m
Severe Convective Storm		5/16/2020 - 5/21/2020	South, Northeast	<1,000m
Severe Convective Storm		5/20/2020 - 5/24/2020	Southern	>1,000m
Severe Convective Storm		5/25/2020 - 5/26/2020	TX	<100m
Severe Convective Storm		5/27/2020 - 5/28/2020	TX	>1,000m
Severe Convective Storm		6/2/2020 - 6/3/2020	Northeast	<1,000m
Severe Convective Storm		6/4/2020	SD	<1,000m
Severe Convective Storm		6/5/2020 - 6/11/2020	Midwest	<1,000m
Severe Convective Storm		6/6/2020 - 6/9/2020	Southern	<1,000m
Severe Convective Storm		6/19/2020 - 6/21/2020	TX	<1,000m
Severe Convective Storm		7/5/2020 - 7/7/2020	Northeast	<1,000m
Severe Convective Storm		7/10/2020 - 7/12/2020	Midwest	<1,000m
Severe Convective Storm		7/17/2020 - 7/19/2020	Midwest	<1,000m
Severe Convective Storm		7/25/2020 - 7/27/2020	TX	<1,000m
Severe Convective Storm		8/4/2020 - 8/5/2020	CO	<1,000m
Severe Convective Storm		8/8/2020 - 8/11/2020	Midwest	>1,000m
Severe Convective Storm		8/13/2020 - 8/17/2020	Midwest, Southern	<1,000m
Severe Convective Storm		8/26/2020 - 8/28/2020	Northeast	<1,000m
Severe Convective Storm		8/29/2020 - 8/30/2020	TX	<100m
Severe Convective Storm		9/5/2020 - 9/6/2020	IA, MN	<1,000m
Severe Convective Storm		9/7/2020 - 9/9/2020	ID, UT	<1,000m
Severe Convective Storm		10/7/2020 - 10/8/2020	Northeast	<1,000m
Severe Convective Storm		10/25/2020 - 10/28/2020	CA, OK	<1,000m
Severe Convective Storm		11/10/2020 - 11/12/2020	Midwest, Southern	<1,000m
Severe Convective Storm		11/15/2020 - 11/16/2020	Northeast	<1,000m
Severe Convective Storm		11/30/2020 - 12/1/2020	Northeast	<100m
Tropical Storm	Claudette	2021	Gulf Coast of the United States, Georgia, Carolinas	> 350 million
Hurricane	Elsa	2021	East Coast of the United States	1.2 billion
Tropical Storm	Fred	2021	Eastern United States (particularly Florida and North Carolina)	1.3 billion
Hurricane	Henri	2021	Northeastern United States	550 million

U.S. List of Catastrophes for Use in Reporting catastrophe Data in PR036 and PR100+

Type of Event	Name	Date	Location	Overall losses when occurred
Hurricane	Ida	2021	Gulf Coast of the United States (especially Louisiana), East Coast of the United States (especially the Northeastern United States)	44 billion
Tropical Storm	Nicholas	2021	LA, TX	>1.1b
Tropical Storm	Wanda	2021	Southern United States, Mid-Atlantic United States, Northeastern United States	>200 million
Wildfire	Bootleg Wildfire	7/17/21-8/6/21	Northwest of Beatty, Oregon	<1,000 million
Wildfire	Dixie Wildfire	7/14/21-10/5/21	Butte, Plumas, Tehama, Lassen and Shasta Counties, California	>1,000 million
Wildfire	Caldor Fire	8/14/21-10/5/21	El Dorado National Forest and other areas of the Sierra Nevada in El Dorado, Amador, and Alpine County, California	<1,000 million
Wildfire	Corkscrew Fire	8/15/21-8/30/21	Ford, WA; Tum Tum, Springdale, City of Deer Park, Loon Lake, Clayton, H395, Scoop Mt	<100 million
Wildfire	Marshall Fire	12/30/21-1/1/22	Boulder County, Colorado	~ 2 billion
Severe Convective Storm		1/11/2021 - 1/13/2021	Western	<1,000m
Severe Convective Storm		1/17/2021 - 1/20/2021	CA	<1,000m
Severe Convective Storm		1/25/2021 - 1/26/2021	Southern	<100m
Severe Convective Storm		1/24/2021 - 1/29/2021	AZ, CA	<1,000m
Severe Convective Storm		2/25/2021 - 2/26/2021	TX	<1,000m
Severe Convective Storm		3/9/2021 - 3/11/2021	MN	<100m
Severe Convective Storm		3/9/2021 - 3/11/2021	Midwest, Southern	<1,000m
Severe Convective Storm		3/22/2021 - 3/23/2021	TX	<1,000m
Severe Convective Storm		3/24/2021 - 3/26/2021	Northeast, Midwest	>1,000m
Severe Convective Storm		3/27/2021 - 3/29/2021	Northeast, Midwest, Southern	<1,000m
Severe Convective Storm		4/6/2021 - 4/8/2021	TX	<1,000m
Severe Convective Storm		4/9/2021 - 4/11/2021	Southern	<1,000m
Severe Convective Storm		4/9/2021 - 4/14/2021	LA, TX	<1,000m
Severe Convective Storm		4/15/2021 - 4/16/2021	TX	>1,000m
Severe Convective Storm		4/27/2021 - 5/2/2021	Southern, Northeast	>1,000m
Severe Convective Storm		5/3/2021 - 5/4/2021	Southern, Northeast	<1,000m
Severe Convective Storm		5/7/2021 - 5/11/2021	Southern, Midwest	<1,000m
Severe Convective Storm		5/14/2021 - 5/19/2021	Southern, Midwest	<1,000m
Severe Convective Storm		5/26/2021 - 5/28/2021	South, Northeast	<1,000m
Severe Convective Storm		5/25/2021 - 5/26/2021	Northeast	<1,000m
Severe Convective Storm		5/29/2021 - 5/31/2021	Midwest	<1,000m
Severe Convective Storm		6/7/2021 - 6/9/2021	TX	<100m
Severe Convective Storm		6/11/2021 - 6/14/2021	Midwest, Northeast	<1,000m
Severe Convective Storm		6/17/2021 - 6/20/2021	Midwest, Northeast	>1,000m
Severe Convective Storm		6/24/2021 - 7/1/2021	Midwest	<1,000m
Severe Convective Storm		7/8/2021 - 7/10/2021	Midwest	<1,000m
Severe Convective Storm		7/9/2021 - 7/11/2021	Southern	<1,000m
Severe Convective Storm		7/22/2021 - 7/25/2021	AZ, NM	<1,000m
Severe Convective Storm		7/24/2021	MI	<100m
Severe Convective Storm		7/26/2021 - 7/27/2021	MN, WI	<1,000m
Severe Convective Storm		7/28/2021 - 7/29/2021	Midwest, Northeast	<1,000m
Severe Convective Storm		8/1/2021	TX	<100m
Severe Convective Storm		8/7/2021 - 8/9/2021	Midwest	<100m
Severe Convective Storm		8/10/2021 - 8/13/2021	Midwest, Northeast	<1,000m
Severe Convective Storm		8/10/2021 - 8/16/2021	AZ	<1,000m
Severe Convective Storm		8/17/2021 - 8/19/2021	Western	<1,000m
Severe Convective Storm		8/21/2021 - 8/22/2021	TN	<100m
Severe Convective Storm		8/26/2021 - 8/28/2021	Midwest	<1,000m
Severe Convective Storm		9/6/2021 - 9/7/2021	Midwest	<1,000m
Severe Convective Storm		9/15/2021 - 9/17/2021	Midwest	<100m
Severe Convective Storm		9/24/2021 - 9/29/2021	Southern	<100m
Severe Convective Storm		9/30/2021 - 10/2/2021	TX	<100m
Severe Convective Storm		10/4/2021 - 10/7/2021	Southern	<1,000m
Severe Convective Storm		10/10/2021 - 10/11/2021	Southern	<1,000m
Severe Convective Storm		10/10/2021 - 10/12/2021	Western	<100m
Severe Convective Storm		10/24/2021 - 10/28/2021	Western, Southern	<1,000m
Severe Convective Storm		10/24/2021 - 10/25/2021	Midwest	<100m

Type of Event	Name	Date	Location	Overall losses when occurred
Severe Convective Storm		10/24/2021 - 10/25/2021	Northeast	<100m
Severe Convective Storm		11/11/2021 - 11/13/2021	WA	<100m
Severe Convective Storm		11/14/2021 - 11/16/2021	TX	<100m
Severe Convective Storm		11/10/2021 - 11/11/2021	TX	<100m
Severe Convective Storm		12/10/2021 - 12/11/2021	South, Eastern, Central	>1,000m
Severe Convective Storm		12/13/2021 - 12/16/2021	TX	>1,000m
Severe Convective Storm		12/17/2021 - 12/18/2021	TX	<100m
Severe Convective Storm		12/21/2021	FL	<100m
Wildfire	Calf Canyon/Hermits Peak Fire	4/6/22-8/22/22	San Miguel County, Mora County, Taos County	> 25 million
Wildfire	McKinney Fire	7/29/22-9/7/22	Siskiyou County, Northern California	> 25 million
Wildfire	Cedar Creek Fire	8/1/22-present	Central Oregon	> 25 million
Wildfire	Mosquito Fire	9/6/22- present	Northern California, Placer County, El Dorado County	> 25 million
Hurricane	Hurricane Fiona	9/18/22-9/20/22	PR	>3 billion
Hurricane	Ian	9/23/22-10/2/22	Florida and the Carolinas, FL, GA, NC, SC, VA	>110 billion
Hurricane	Hurricane Nicole	11/9/22-11/11/22	FL, GA, SC	>1 billion
Severe Convective Storm		1/21/2022 - 1/22/2022	GA, SC	>25m
Severe Convective Storm		2/21/2022 - 2/22/2022	MO, KY	>500m
Severe Convective Storm		3/5/2022 - 3/7/2022	MO, IA, IL, WI, IN	>250m
Severe Convective Storm		3/11/2022 - 3/13/2022	FL, GA	>50m
Severe Convective Storm		3/14/2022 - 3/16/2022	TX, FL, GA, SC	>100m
Severe Convective Storm	New Orleans Tornado	3/21/2022 - 3/23/2022	TX, LA, MS, AL, OK	>250m
Severe Convective Storm		3/29/2022 - 3/31/2022	TX, OK, AR, LA, AL, MS, FL, TN	>500m
Severe Convective Storm		4/2/2022 - 4/4/2022	MS, LA, AR, TX, OK	>50m
Severe Convective Storm		4/3/2022 - 4/7/2022	MS, AL, GA, FL, SC, NC, TN	>500m
Severe Convective Storm		4/10/2022 - 4/14/2022	MO, AR, TX, LA, IA, NE, KS, MS, AL, TN, KY, MN, WI	>1b
Severe Convective Storm		4/15/2022 - 4/17/2022	AR, MS, LA, FL, AL	>250m
Severe Convective Storm		4/21/2022 - 4/24/2022	TX, OK, KS, NE, SD, IA	>250m
Severe Convective Storm	Andover Tornado	4/26/2022 - 4/30/2022	NC, VA, KS, MO, NE, OK	>100m
Severe Convective Storm	Tornadoes, Hail	5/1/2022 - 5/3/2022	TX, OK, AR, KS, KY, OH,	>500m
Severe Convective Storm	Tornadoes, Hail	5/4/2022 - 5/6/2022	TX, OK, MS, FL, GA, SC, NC, VA, TN, KY	>250m
Severe Convective Storm	Thunderstorms, Hail	5/9/2022 - 5/10/2022	MN, WI, TX	>1b
Severe Convective Storm	Upper Midwest Derecho	5/11/2022 - 5/12/2022	ND, SD, MN, IA, NE	>1b
Severe Convective Storm	Tornadoes, Hail	5/13/2022 - 5/16/2022	IL, MO, TX, OK, KA, NE, NC, NY, NH, CO	>250m
Severe Convective Storm	Tornadoes, Hail	5/17/2022 - 5/19/2022	KS, NE, OK, MO, IL, KY	>25m
Severe Convective Storm		5/19/2022 - 5/22/2022	MN, WI, MI, IN, OH, AR, TX	>1b
Severe Convective Storm	Tornadoes, Hail	5/23/2022 - 5/25/2022	TX, NC, SC, MS, IL	>50m
Severe Convective Storm	Tornadom, Hail	5/29/2022	NE, SD, MN	>25m
Severe Convective Storm	Tornadoes, Hail	5/30/2022 - 6/2/2022	MN, IA, NE, SD, KS, OK, TX, VA, OH	>250m
Severe Convective Storm		6/1/2022 - 6/3/2022	NM, CO, TX	>25m
Severe Convective Storm	Tornadoes, Hail	6/4/2022 - 6/8/2022	KS, NE, MO, IN, OH, OK, AR, TX	>1b
Severe Convective Storm	Tornadoes, Hail	6/11/2022 - 6/17/2022	KS, NE, SD, MN, OH, KY, MI, IN, WI, VA, NC, SC	>1b
Severe Convective Storm	Tornadoes, Hail	6/22/2022 - 6/23/2022	OH, KS, MN, KY, ND, SD	>25m
Severe Convective Storm	South Dakota Derecho	7/1/2022 - 7/7/2022		>250m
Severe Convective Storm		7/7/2022 - 7/13/2022	MT, ND, SD, MN, NE, IA	>250m
Severe Convective Storm		7/21/2022 - 7/25/2022	ND, SD, NE, KS, IL, IN, OH, WI, IA, MN, MI	>500m
Severe Convective Storm		8/1/2022 - 8/4/2022	WV, PA, IL, WI, MN, MI, MD	>25m
Severe Convective Storm		8/11/2022 - 8/12/2022	WA, OR, ID, MT	>25m
Severe Convective Storm		8/20/2022 - 8/21/2022	IA, IL, IN, OH, MO	>250m
Severe Convective Storm		8/27/2022 - 8/29/2022	MN, IA, IL, MI	>25m
Severe Convective Storm		8/28/2022 - 9/6/2022	TX, OK, KS	>100m
Severe Convective Storm		9/18/2022 - 9/21/2022	IL, MO, IA, WI, MI	>250m
Severe Convective Storm		10/1/2022 - 10/4/2022	CO, UT, AZ	>25m
Severe Convective Storm		10/15/2022 - 10/26/2022	OK, AR, NE, ND, MN	>100m
Severe Convective Storm		10/24/2022 - 10/25/2022	TX	>100m
Severe Convective Storm	Southern Plains Tornadoes	11/4/2022 - 11/5/2022	TX, LA, OK, AR	>100m
Severe Convective Storm		11/4/2022 - 11/5/2022	WI, IA, IL	>25m
Severe Convective Storm		11/11/2022	TX, VA	>25m

U.S. List of Catastrophes for Use in Reporting catastrophe Data in PR036 and PR100+

Type of Event	Name	Date	Location	Overall losses when occurred
Severe Convective Storm	Western PA Hail	11/27/2022	PA	>25m
Severe Convective Storm		11/29/2022 - 11/30/2022	LA, MS, AL, GA, FL, AR, TN, KY	>25m
Severe Convective Storm	Mid-December Tornadoes	12/13/2022 - 12/14/2022	TX, OK, LA, AR, MS, AL, FL, GA	>100m
Wildfire	Hawaii Wildfire	8/8/23-8/17/23	Hawaii	> 25 million
Hurricane	Hurricane Hilary	8/17/23-8/22/23	West, Southwest United States	> 25 million
Wildfire	Washington Wildfire	8/18/23-8/22/23	Washington	> 25 million
Hurricane	Hurricane Idalia	8/27/23-8/31/23	Southeastern United States	> 25 million
Hurricane	Hurricane Lee	9/14/23-9/17/23	Northeast United States	> 25 million
Tropical Storm	Ophelia	9/22/23-9/26/23	East Coast of the United States	> 25 million
Severe Convective Storm	Selma Tornado	1/12/2023	MS, AL, GA, TN, KY, NC, SC	>250m
Severe Convective Storm	Houston Tornado	1/24/2023	TX, LA	>100m
Severe Convective Storm		2/7/2023	TX, LA, MS	>100m
Severe Convective Storm		2/15/2023 - 2/17/2023	OK, AR, MO, MS, TN	>100m
Severe Convective Storm	Southern Plains Derecho	2/26/2023 - 2/28/2023	TX, OK, KS, MO, IL, IN, OH	>250m
Severe Convective Storm		3/1/2023 - 3/3/2023	TX, AR, OK, LA, KY, IN, OH	>1b
Severe Convective Storm	Dallas Hail	3/16/2023 - 3/17/2023	TX, OK	>250m
Severe Convective Storm	Mississippi Tornado	3/23/2023 - 3/28/2023	TX, OK, MO, IL, AR, TN, MS, AL, GA, LA	>1b
Severe Convective Storm		3/30/2023 - 4/1/2023	NE, IA, MO, IL, WI, AR, TN, KY, IN, OH, MI, NJ, MD	>1b
Severe Convective Storm		4/2/2023	TX, LA, MS	>25m
Severe Convective Storm		4/3/2023 - 4/5/2023	IA, WI, IL, MO, KY, IN, OH, TX	>1b
Severe Convective Storm	Missouri Tornadoes	4/14/2023 - 4/16/2023	KS, NE, MO, IL, AR, TX, LA	>250m
Severe Convective Storm	Oklahoma Tornadoes	4/18/2023 - 4/22/2023	KS, NE, IA, WI, IL, OK, TX	>1b
Severe Convective Storm		4/23/2023 - 4/27/2023	TX, FL	>500m
Severe Convective Storm		4/28/2023 - 5/1/2023	TX	>500m
Severe Convective Storm		5/2/2023 - 5/9/2023	TX, NE, MO, IL, IA, IL, KY, KS	>1b
Severe Convective Storm		5/9/2023 - 5/16/2023	CO, KS, TX, OK, LA, NE, IA, KY	>1b
Severe Convective Storm		5/17/2023 - 5/20/2023	TX	>1b
Severe Convective Storm		5/22/2023 - 5/26/2023	TX, NM, CO	>250m
Severe Convective Storm		5/23/2023 - 5/25/2023	ID, MT	>25m
Severe Convective Storm		5/31/2023 - 6/4/2023	NM, TX, TN, PA	>100m
Severe Convective Storm		6/5/2023 - 6/8/2023	KS, TX, TN, VA	>100m
Severe Convective Storm		6/9/2023 - 6/14/2023	TX, OK, AR, MS, AL, TN, GA, LA	>1b
Severe Convective Storm		6/15/2023 - 6/19/2023	TX, OK, LA, AMS, AL, FL, KS, AR, MO	>1b
Severe Convective Storm		6/15/2023 - 6/16/2023	OH, MI, VA	>250m
Severe Convective Storm		6/21/2023 - 6/26/2023	TX, CO, NM, WY, NE, SD, IA, MN, AR, IN, KY	>3b
Severe Convective Storm	Midwest Derecho	6/28/2023 - 7/4/2023	CO, KS, NE, IL, MO, IA, IN, KY, PA	>1b
Severe Convective Storm		7/3/2023 - 7/9/2023	SC, NC, VA	>250m
Severe Convective Storm		7/5/2023 - 7/10/2023	TX, OK, CO, KS, NE	>1b
Severe Convective Storm	Illinois Tornadoes	7/9/2023 - 7/14/2023	NE, IA, SD, IL, MI, MN	>500m
Severe Convective Storm		7/15/2023 - 7/19/2023	KS, MO, NE	>250m
Severe Convective Storm		7/19/2023 - 7/21/2023	MI, OH, PA, TN, AL	>1b
Severe Convective Storm		7/19/2023 - 7/20/2023	MN	>25m
Severe Convective Storm		7/25/2023 - 7/31/2023	MN, WI, IA, IL, IN, OH, MO, KS, NE	>500m
Severe Convective Storm	Arizona Duststorm	7/25/2023 - 7/30/2023	NY, NH, VT, PA, MA	>25m
Severe Convective Storm		8/4/2023 - 8/8/2023	MO, KS, CO, IL, NC, PA, NE	>500m
Severe Convective Storm		8/10/2023 - 8/11/2023	SD, NE, MN, IA, MO, WI, MI	>1b
Severe Convective Storm		8/12/2023 - 8/15/2023	OH, PA, NY, KY, TN, NC, SC, GA	>25m
Severe Convective Storm		8/22/2023 - 8/24/2023	MI, OH, PA	>250m
Severe Convective Storm		8/31/2023 - 9/2/2023	AZ, CA, NV	>25m
Severe Convective Storm		9/9/2023 - 9/11/2023	KS, NE, TX, OK	>250m
Severe Convective Storm		9/12/2023 - 9/14/2023	TX	>25m
Severe Convective Storm		9/23/2023 - 9/24/2023	MN, SD, NE, KS, MO, OK, TX	>500m
Severe Convective Storm		9/26/2023 - 9/27/2023	MO, IL, KY	>25m
Severe Convective Storm		10/2/2023 - 10/5/2023	TX, KS, NE, OK	>250m
Severe Convective Storm		10/23/2023 - 10/24/2023	WI, MN	>100m
Severe Convective Storm	Tornados	10/24/2023 - 10/26/2023	TX	>100m
Severe Convective Storm	Tornadoes, Hail	12/8/2023 - 12/10/2023	LA, TN, KY, MS, AL, FL, NC	>250m

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Type of Event	Name	Date	Location	Overall losses when occurred
Severe Convective Storm		1/8/24-1/10/24	Multistate	> 25 million
Winter Storm		1/11/24-1/18/24	Multistate	> 25 million
Severe Convective Storm		1/19/24-1/22/24	Multistate	> 25 million
Severe Convective Storm	Jan Southern SCS	1/22/24-1/26/24	Multistate	> 25 million
Severe Convective Storm	Early Feb Outbreak	2/8/24-2/13/24	Midwest, Southeast	> 25 million
Severe Convective Storm	Polar Front & SCS	2/26/24-2/29/24	Multistate	> 25 million
Severe Convective Storm	Western US Storm	2/28/24-3/4/24	Multistate	> 25 million
Wildfire	Smokehouse Creek Fire	2/26/24-3/9/24	Texas	> 25 million
Severe Convective Storm		2/28/24-3/2/24	Ohio, Pennsylvania	> 25 million
Severe Convective Storm	Early March Storm Complex	3/6/24-3/11/24	Southeast, Midwest	> 25 million
Winter Storm	Colorado Snow Storm	3/13/24-3/15/24	Colorado	> 25 million
Severe Convective Storm	Mid-March SCS Outbreak	3/12/24-3/17/24	Northeast	> 25 million
Severe Convective Storm	San Antonio Hail & SCS	3/21/24-3/23/24	Texas	> 25 million
Severe Convective Storm	Late March Southern SCS	3/24/24-3/28/24	California, Southeast	> 25 million
Severe Convective Storm	Early April Outbreak	3/31/24-4/4/24	California, Midwest	> 25 million
Severe Convective Storm	Southern SCS & Floods	4/6/24-4/12/24	Multistate	> 25 million
Severe Convective Storm	April Mid-Atlantic SCS	4/14/24-4/16/24	US	> 25 million
Severe Convective Storm	April Plains & Midwest SCS	4/15/24-4/16/24	Texas, Missouri	> 25 million
Severe Convective Storm	Central & Eastern Outbreak	4/17/24-4/20/24	Southeast	> 25 million
Severe Convective Storm	Texas April SCS	4/19/24-4/21/24	Texas	> 25 million
Severe Convective Storm	Late April Central SCS	4/25/24-4/29/24	Midwest, Southwest	> 25 million
Severe Convective Storm	Early May Hail	4/30/24-5/2/24	Kansas, Oklahoma, Texas	> 25 million
Severe Convective Storm	Texas SCS	5/3/24-5/5/24	Texas	> 25 million
Severe Convective Storm	Early May SCS	5/6/24-5/10/24	Multistate	> 25 million
Severe Convective Storm	Southern SCS	5/11/24-5/14/24	Southwest, Southeast	> 25 million
Severe Convective Storm	Houston Derecho	5/15/24-5/19/24	Southwest, Southeast	> 25 million
Severe Convective Storm	Mid-May SCS	5/17/24-5/22/24	Multistate	> 25 million
Severe Convective Storm	Late May Plains Outbreak	5/23/24-5/24/24	Southwest, Midwest	> 25 million
Severe Convective Storm	Late May Central & East SCS	5/25/24-5/26/24	Multistate	> 25 million
Severe Convective Storm	Dallas SCS	5/27/24-5/29/24	Southwest	> 25 million
Severe Convective Storm	Denver SCS	5/30/24-6/1/24	Southwest, Southeast	> 25 million
Severe Convective Storm	TX Hail & MD Tornadoes	6/2/24-6/5/24	Multistate	> 25 million
Severe Convective Storm	Early June Outbreak	6/6/24-6/10/24	Multistate	> 25 million
Severe Convective Storm	Colorado June SCS	6/9/24-6/10/24	Colorado	> 25 million
Severe Convective Storm	Midwest Mid-June Outbreak	6/12/24-6/13/24	Southwest, Midwest	> 25 million
Severe Convective Storm	Central & East Mid-June SCS	6/14/24-6/18/24	Multistate	> 25 million
Wildfire	South Fork & Salt fires	6/17/24-6/25/24	New Mexico	> 25 million
Severe Convective Storm	Central & East Late-June SCS	6/19/24-6/23/24	Multistate	> 25 million
Tropical Storm	Tropical Storm Alberto	6/19/24-6/20/24	Texas, Louisiana	> 25 million
Severe Convective Storm		6/24/24-6/26/24	Multistate	> 25 million
Severe Convective Storm	US Lat-June Outbreak	6/27/24-6/30/24	Multistate	> 25 million
Severe Convective Storm	Early July Plains Outbreak	7/1/24-7/4/24	Multistate	> 25 million
Severe Convective Storm	Southeast SCS	7/1/24-7/4/24	Multistate	> 25 million
Hurricane	Hurricane Beryl	7/1/24-7/12/24	Texas, Louisiana, the Ohio Valley, and the Lower Peninsula of Michigan	> 25 million
Severe Convective Storm	Early July Central Outbreak	7/6/24-7/7/24	Multistate	> 25 million
Severe Convective Storm	Chicago Derecho & SCS	7/13/24-7/18/24	Multistate	> 25 million
Severe Convective Storm	Arizona Monsoon SCS	7/14/24-7/15/24	Arizona	> 25 million
Severe Convective Storm	Late July Central Outbreak	7/19/24-7/20/24	Multistate	> 25 million
Severe Convective Storm	July Southwest Monsoon	7/15/24-7/21/24	Multistate	> 25 million
Severe Convective Storm	Late July US SCS Outbreak	7/24/24-8/1/24	Multistate	> 25 million
Wildfire	Park Fire California	7/24/24-8/20/24	California	> 25 million
Severe Convective Storm	Early Aug Eastern Outbreak	8/2/24-8/3/24	Multistate	> 25 million
Severe Convective Storm	Minnesota Aug SCS	8/3/24-8/5/24	Minnesota	> 25 million
Hurricane	Hurricane Debby	8/3/24-8/14/24	Florida, Georgia, and the Carolinas	> 25 million
Severe Convective Storm	Northeast July SCS	8/4/24-8/6/24	Northeast	> 25 million
Severe Convective Storm	Mid August SCS	8/12/24-8/19/24	Multistate	> 25 million
Severe Convective Storm	August Northern Outbreak	8/22/24-8/30/24	Multistate	> 25 million

U.S. List of Catastrophes for Use in Reporting catastrophe Data in PR036 and PR100+

Type of Event	Name	Date	Location	Overall losses when occurred
Hurricane	Hurricane Francine	9/9/24-9/14/24	Mississippi and Louisiana	> 25 million
Severe Convective Storm	Oklahoma City Hail & SCS	9/21/24-9/24/24	Oklahoma	> 25 million
Hurricane	Hurricane Helene	9/24/24-9/29/24	Florida, Carolinas, Georgia, Alabama, Tennessee, Kentucky, Virginia, West Virginia, Illinois, Indiana, Ohio	> 25 million
Hurricane	Hurricane Milton	10/5/24-10/12/24	Florida, Georgia	> 25 million
Severe Convective Storm		11/2/24-11/4/24	South Central US	>25 million
Wildfire	Wildland Fire Mountain Fire	11/6/24-11/14/24	California	>25 million
Winter storm		11/19/25-11/24/24	Multistate	>25 million
Wind and thunderstorm		12/13/24-12/16/24	Northeast, West Coast	>25 million
Wind and thunderstorm		12/26/24-12/29/24	South	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	1/5/2025	Arkansas, Louisiana, Alabama	>25 million
Wildfire	Palisades Fire	1/7/25-1/28/25	California	>1 billion
Wildfire	Eaton Fire	1/7/25-1/27/25	California	>1 billion
Severe Convective Storm	Wind	1/7/25-1/9/25	California	>25 million
Severe Convective Storm	Flooding, Freezing, Ice, Snow, Wind	1/9/25-1/11/25	Georgia, Texas	>25 million
Severe Convective Storm	Flooding, Snow, Wind	1/11/25-1/13/25	Alaska	>25 million
Severe Convective Storm	Flooding, Freezing, Ice, Snow, Wind	1/20/25-1/22/25	Florida, Georgia, Louisiana, Texas	>25 million
Severe Convective Storm	Flooding, Freezing, Ice, Snow, Wind	1/21/25-1/25/25	Illinois, Maryland, New Jersey, Pennsylvania, Ohio, Virginia	>25 million
Severe Convective Storm	Flooding, Snow, Wind	1/30/25-2/7/25	California, Nevada, Oregon, Washington	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	2/5/25-2/7/25	Kentucky, Tennessee	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	2/11/25-2/13/25	Virginia	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	2/12/25-2/17/25	Alabama, California, Connecticut, Georgia, Kentucky, Massachusetts, Maryland, North Carolina, New Jersey, New York, Pennsylvania, Tennessee	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	2/15/25-2/16/25	Louisiana, Mississippi, Alabama, Georgia, Tennessee, North Carolina, South Carolina	>25 million
Severe Convective Storm		2/21/25-2/25/25	California, Oregon, Washington	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	3/3/25-3/6/25	Oklahoma, Texas, Louisiana, Mississippi, Alabama, Georgia, Tennessee, North Carolina, Virginia	>25 million
Severe Convective Storm		3/7/25-3/10/25	Florida, Georgia, Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	3/14/25-3/17/25	Missouri, Iowa, Illinois, Indiana, Alabama, Louisiana, Mississippi, Tennessee, West Virginia, Pennsylvania, New York, Ohio	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	3/18/25-3/20/25	Arkansas, Illinois, Indiana, Missouri, Nebraska, New Mexico, Texas	>25 million
Severe Convective Storm	Hail	3/23/25-3/24/25	Texas, Louisiana, Mississippi, Alabama, Tennessee	>25 million
Severe Convective Storm		3/25/25-3/27/25	Texas	>25 million
Severe Convective Storm		3/28/25-3/31/25	Arkansas, Florida, Georgia, Indiana, Kentucky, Louisiana, Michigan, Missouri, Ohio, Tennessee, Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	4/1/25-4/7/25	Texas, Oklahoma, Kansas, Nebraska, Missouri, Arkansas, Louisiana, Mississippi, Tennessee, Kentucky, Illinois, Indiana, Michigan, Ohio, West Virginia, Georgia, Alabama, South Carolina, North Carolina	>25 million
Severe Convective Storm	Wind, Hail	4/10/25-4/11/25	Tennessee, Alabama, Georgia	>25 million
Severe Convective Storm	Wind, Hail	4/14/25-4/15/25	Kentucky, West Virginia, Virginia	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	4/16/25-4/21/25	Nebraska, Iowa, Missouri, Wisconsin, Oklahoma, Texas, Illinois	>25 million
Severe Convective Storm		4/21/25-4/26/25	Iowa, Kansas, Louisiana, Nebraska, New Mexico, Oklahoma, Texas	>25 million
Severe Convective Storm		4/27/25-5/1/25	Kansas, Missouri, New York, Ohio, Oklahoma, Pennsylvania, Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	5/1/25-5/3/25	Nebraska, Minnesota, Wisconsin, Texas, Oklahoma, Kansas, Missouri, Ohio, Pennsylvania, Illinois, Arkansas, Tennessee, Mississippi, Alabama, Kentucky, Georgia, New Jersey, New York, Massachusetts, Connecticut	>25 million
Severe Convective Storm	Wind, Thunderstorms, Hail	5/4/25-5/8/25	Texas, Louisiana	>25 million
Severe Convective Storm	Wind, Thunderstorms, Hail	5/9/25-5/14/25	Alabama, Florida, Georgia, Maryland, North Carolina, Pennsylvania, South Carolina, Virginia	>25 million
Severe Convective Storm		5/15/25-5/16/25	Illinois, Indiana, Kentucky, Maryland, Michigan, Missouri, North Carolina, Ohio, Pennsylvania, Texas, Virginia, Wisconsin	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	5/17/25-5/20/25	Alabama, Arkansas, Georgia, Kansas, Missouri, Mississippi, Oklahoma, Tennessee, Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	5/22/25-5/27/25	Texas, Oklahoma, Mississippi Tennessee, Alabama, Georgia, Louisiana	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes	5/28/25-5/30/25	West Virginia, Virginia, South Carolina	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	6/1/25-6/7/25	Texas, Colorado, Kansas, Oklahoma, Nebraska, Iowa, Minnesota, Missouri, Illinois	>25 million

U.S. List of Catastrophes for Use in Reporting catastrophe Data in PR036 and PR100+

Type of Event	Name	Date	Location	Overall losses when occurred
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	6/5/25-6/8/25	Texas, Oklahoma, Arkansas, Tennessee, Alabama, Mississippi, Georgia, South Carolina, Virginia, Missouri	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	6/8/25-6/12/25	Illinois, Texas	>25 million
Wildfire	Rowena Fire	6/11/25-6/30/25	Oregon	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	6/15/25-6/20/25	Montana, Minnesota, South Dakota, Nebraska, Kansas, Oklahoma, Illinois, Indiana, Ohio, West Virginia, Virginia, Maryland, North Dakota	>25 million
Severe Convective Storm	Wind, Thunderstorms, Hail	6/23/25-6/26/25	Georgia, South Carolina, North Carolina, Florida	>25 million
Severe Convective Storm	Wind, Thunderstorms, Hail	6/27/25-7/3/25	Pennsylvania, New York, New Jersey, Connecticut, Vermont, New Hampshire	>25 million
Severe Convective Storm		7/3/25-7/7/25	Texas	>25 million
Severe Convective Storm		7/4/25-7/7/25	Colorado	>25 million
Tropical Storm	Tropical Storm Chantal	7/5/25-7/7/25	Florida, North Carolina, Virginia	500 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	7/8/25-7/13/25	Texas, Oklahoma, Virginia, Maryland, Delaware, New Jersey, Pennsylvania, South Carolina, North Dakota, South Dakota, Missouri, Iowa, Illinois	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	7/14/25-7/19/25	Nebraska, South Dakota	>25 million
Severe Convective Storm		7/20/25-7/30/25	Florida, Georgia, Illinois, Maryland, Michigan, North Carolina, New Jersey, Ohio, Texas, Virginia	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	7/26/25-7/30/25	Minnesota, Iowa, South Dakota, Nebraska	>25 million
Severe Convective Storm		7/31/25-8/3/25	Texas, Wyoming	>25 million
Severe Convective Storm	Wind, Thunderstorm, Hail	8/4/25-8/12/25	North Dakota, Montana, Nebraska, Kansas, Colorado, Wisconsin	>25 million
Severe Convective Storm	Wind, Thunderstorm, Hail	8/14/25-8/20/25	South Dakota, Minnesota, Iowa, Wisconsin, Illinois	>25 million
Wildfire	TCU September Lightning Complex	9/2/25-9/13/2025	California	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	9/3/25-9/5/25	Kansas, Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	9/6/2025	Massachusetts, Connecticut, New Hampshire, New York	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	9/8/25-9/9/25	Texas, Oklahoma, Kansas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	9/14/2025	North Dakota, South Dakota, Nebraska	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	9/15/25-9/21/25	Minnesota, Nebraska, Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	9/25/25-9/28/25	Arizona	>25 million
Severe Convective Storm		10/11/25-10/13/25	Arizona	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	10/11/25-10/14/25	Connecticut, Massachusetts, North Carolina, New Jersey, New York, South Carolina, Virginia	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	10/18/2025	Louisiana, Mississippi	>25 million
Severe Convective Storm	Wind, Thunderstorms, Tornadoes, Hail	10/23/25-10/26/25	Texas, Oklahoma, Florida	>25 million
Severe Convective Storm	Wind, Rain, Hail	10/30/25-11/6/25	New York, New Jersey, Connecticut	>25 million
Severe Convective Storm	Wind, Rain, Hail	11/3/25-11/6/25	Texas	>25 million
Severe Convective Storm	Wind, Thunderstorms, Hail	11/13/25-11/20/25	California, Nevada, Arizona, Texas, Missouri, Oklahoma	>25 million
Severe Convective Storm	Earth Movement, Flooding, Snow, Wind	12/4/25-12/13/25	California, Oregon, Washington	>25 million
Severe Convective Storm	Flooding, Snow, Wind	12/16/25-12/19/25	Idaho, Montana, Tennessee, Virginia, Kentucky, North Carolina, Pennsylvania, New Jersey, New York, Connecticut	>25 million
Severe Convective Storm	Earth Movement, Flooding, Tornadoes, Wind	12/23/25-12/25/25	California	>25 million
Severe Convective Storm	Winter Storm, Tornadoes	12/28/25-12/31/25	New York, Illinois, Michigan, Indiana, Wisconsin, Ohio	>25 million

Year	Event Type	Begin	End	Event	Country	Affected Area (Detail)	Munich Re NatCATService Insured losses (in original values, US\$m) Criteria: Insured losses equal/greater US\$ 25m. Tries to reflect non-US losses only	Swiss Re Sigma: Insured Loss Est. US\$m (mid point shown if range given) Mostly reflect total US and nonUS losses combined.	
2016	Hurricane	08/28/16	09/06/16	Hurricane Hermine		Dominican Republic, Cuba, The Bahamas	N/A	N/A	> 25 million
2016	Tropical Cyclone	02/16/16	02/22/16	TC Winston		South Pacific Islands	N/A	N/A	> 25 million
2016	Earthquake	02/06/16		Earthquake	Taiwan	Asia	N/A	N/A	> 25 million
2016	Earthquake	01/03/16		Kaohsiung EQ	India, Bangladesh, Myanmar	Asia	N/A	N/A	> 25 million
2016	Earthquake	02/14/16		Christchurch EQ	New Zealand	Oceania	N/A	N/A	> 25 million
2016	Earthquake	04/14/16	04/16/16	Kumamoto EQs	Japan	Asia	N/A	N/A	> 25 million
2016	Earthquake	04/16/16		Ecuador EQ	Ecuador	South America	N/A	N/A	> 25 million
2016	Tropical Cyclone	05/14/16	05/23/16	CY Roanu	Sri Lanka, India, Bangladesh, China	Asia	N/A	N/A	> 25 million
2016	Earthquake	08/24/16		Italy EQ	Italy	Europe	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/14/16	09/16/16	STY Meranti	China, Taiwan, Philippines	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	07/08/16	07/12/16	STY Nepartak	China, Taiwan	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/26/16	09/29/16	TY Megi	Taiwan, China	Asia	N/A	N/A	> 25 million
2016	Earthquake	09/10/16		Kagera EQ	Tanzania, Uganda	Africa	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/29/16	09/01/16	TY Lionrock	China, Japan, South Korea	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/19/16	09/22/16	TY Malakas	Japan, China	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/18/16	08/20/16	TS Dianmu	China, Vietnam	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	07/31/16	08/03/16	TY Nidia	China, Philippines Vietnam	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/02/16	08/10/16	HU Earl	Belize, Mexico, Caribbean Islands	Caribbean Islands, Mexico and Central America	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/22/16	08/23/16	TS Mindulle	Japan	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/06/16	09/08/16	HU Newton	Mexico	North America (non-U.S.)	N/A	N/A	> 25 million
2016	Tropical Cyclone	10/04/16	10/07/16	STY Chaba	Japan, Korea	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	10/16/16	10/22/16	STY Haima	Philippines, China	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	10/14/16	10/20/16	TY Sarika	Philippines, China, Vietnam	Asia	N/A	N/A	> 25 million
2016	Earthquake	10/26/16		Central Italy EQ	Italy	Europe	N/A	N/A	> 25 million
2016	Earthquake	10/27/16		Central Italy EQ	Italy	Europe	N/A	N/A	> 25 million
2016	Earthquake	10/21/16		Tottori	Japan	Asia	N/A	N/A	> 25 million
2016	Hurricane	09/28/16	10/10/16	Hurricane Matthew		Caribbean Islands and Eastern Canada	N/A	N/A	> 25 million
2016	Hurricane	08/28/16	09/06/16	Hurricane Hermine		Dominican Republic, Cuba, The Bahamas	N/A	N/A	> 25 million
2016	Wildfire	01/06/16		Waroona-Yarloop Bushfire	Western Australia				~\$71.25m
2016	Wildfire	05/01/16	05/26/16	Canada Wildfire	Canada	Fort McMurray			\$3.52b
2016	Wildfire	11/22/16	11/27/16	November 2016 Israel Fires	Israel	Various regions in Israel, mainly in Haifa, Judean Mountains and the Sharon Plain			>\$25m
2016	Severe Convective Storm	02/22/16	02/25/16	Thunderstorms, tornadoes	Canada				600m-1b
2016	Severe Convective Storm	03/08/16	03/11/16	Thunderstorms, hail	UAE, Oman				100m
2016	Severe Convective Storm	04/20/16	04/25/16	Thunderstorm, hail	China				25+m
2016	Severe Convective Storm	06/23/16		Thunderstorm, hail, tornado	China				100+m
2016	Severe Convective Storm	06/23/16		Thunderstorms, hail	Netherlands				527m
2016	Severe Convective Storm	06/24/16	06/25/16	Thunderstorm, hail, flood	Germany				253m
2016	Severe Convective Storm	06/28/16	06/30/16	Thunderstorms, hail, tornado, flood	Canada				64m
2016	Severe Convective Storm	07/15/16	07/16/16	Thunderstorms, hail, flood	Canada				56m
2016	Severe Convective Storm	07/18/16	07/20/16	Thunderstorm, hail, tornadoes	Canada				74m
2016	Severe Convective Storm	07/30/16	08/01/16	Thunderstorms, hail, tornadoes, flood	Canada				327m
2016	Severe Convective Storm	11/11/16		Thunderstorms, hail	Australia				197m
2016	Severe Convective Storm	07/22/16		Hailstorm	Canada				56m
2017	Earthquake	01/18/17		Earthquake	Italy	Europe	N/A	N/A	> 25 million
2017	Earthquake	01/28/17		Earthquake	China	Asia	N/A	N/A	> 25 million

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2017	Earthquake	02/10/17		Earthquake	Philippines	Asia	N/A	N/A	> 25 million
2017	Earthquake	03/27/17		Earthquake	China	Asia	N/A	N/A	> 25 million
2017	Cyclone	03/28/17	04/05/17	CY Debbie	Australia	Queensland, New South Wales, New Zealand	N/A	N/A	> 25 million
2017	Earthquake	05/11/17		Earthquake	China	Asia	N/A	N/A	> 25 million
2017	Typhoon	07/29/17	07/31/17	TY Nesat & TS Haitang	China, Taiwan, Philippines	Asia	N/A	N/A	> 25 million
2017	Typhoon	08/07/17	08/09/17	Typhoon Noru	Japan	Asia	N/A	N/A	> 25 million
2017	Earthquake	08/08/17		Earthquake	China	Asia	N/A	N/A	> 25 million
2017	Typhoon	08/23/17	08/24/17	TY Hato	China	Macau, Hong Kong	N/A	N/A	> 25 million
2017	Typhoon	08/25/17	08/28/17	TY Pakhar	China	Asia	N/A	N/A	> 25 million
2017	Hurricane	08/25/17	09/02/17	Hurricane Harvey		Caribbean Islands and Central America	N/A	N/A	> 25 million
2017	Hurricane	08/30/17	09/16/17	Hurricane Irma		Caribbean Islands and Cape Verde	N/A	N/A	> 25 million
2017	Hurricane	09/05/17	09/26/17	Hurricane Jose		Caribbean Islands and Eastern Canada	N/A	N/A	> 25 million
2017	Hurricane	09/16/17	10/03/17	Hurricane Maria		Caribbean Islands, UK, Francs and Spain	N/A	N/A	> 25 million
2017	Earthquake	09/07/17		Earthquake		Mexico, Guatemala	N/A	N/A	> 25 million
2017	Earthquake	09/19/17		Earthquake	Mexico	Mexico City	>200	N/A	> 25 million
2017	Hurricane	10/04/17		Hurricane Nate		Central America, Cayman Islands, Cuba Yucatan Peninsula	N/A	N/A	> 25 million
2017	Wildfire	06/06/17		Knysna Fires	South Africa	Knysna region of the Western Cape			~\$146m
2017	Wildfire	07/01/17	08/01/17	British Columbia Wildfires	Canada	British Columbia			>\$78m
2017	Wildfire	10/15/17	10/16/17	Iberian Wildfires	Portugal	Northern Portugal and Northwestern Spain			~\$210m
2017	Severe Convective Storm	02/01/17	02/02/17	Windstorm Kurt, Live, Marcel	France, Spain				86m
2017	Severe Convective Storm	02/23/17	02/24/17	Windstorm Thomas	UK, Germany, Belgium, Netherlands, Ireland				292m
2017	Severe Convective Storm	03/06/17	03/07/17	Windstorm Zues	France				341m
2017	Severe Convective Storm	03/08/17	03/09/17	Windstorm	Canada				84m
2017	Severe Convective Storm	05/23/17	05/24/17	Thunderstorms, hail, flood	Canada				52m
2017	Severe Convective Storm	08/06/17	08/10/17	Thunderstorms, hail, flood	Italy				168m
2017	Severe Convective Storm	10/05/17		Windstorm Xavier	Germany, Poland, Czech Republic, Netherlands				420m
2017	Severe Convective Storm	10/09/17	10/10/17	Thunderstorms, hail, flood	South Africa				81m
2017	Severe Convective Storm	10/16/17	10/18/17	Windstorm	Canada				87m
2017	Severe Convective Storm	10/29/17		Windstorm Herwart	Germany, Austria, Denmark, Poland, Czech Republic, Slovakia, Hungary				390m
2017	Severe Convective Storm	12/19/17		Thunderstorms, hail, flood	Australia				296m
2017	Severe Convective Storm	02/18/17		Hailstorm	Australia				400m
2017	Severe Convective Storm	06/22/17	06/23/17	Hailstorm Paul, Hailstorm Rasmund	Germany, Hungary				721m
2017	Severe Convective Storm	06/24/17	06/28/17	Thunderstorms, hail, flood	Italy				132m
2017	Severe Convective Storm	07/21/17	07/27/17	Hailstorm	Switzerland				88m
2017	Severe Convective Storm	07/27/17		Thunderstorms, hail, flood	Turkey				185m
2018	Earthquake	02/06/18		Earthquake	Taiwan				> 25 million
2018	Earthquake	02/16/18		Earthquake	Mexico				> 25 million
2018	Cyclone	02/09/18	02/20/18	CY Gita	Tonga, Fiji, Samoa, New Zealand				> 25 million
2018	Earthquake	02/26/18		Earthquake	Papua New Guinea				> 25 million
2018	Earthquake	03/05/18		Earthquake	Papua New Guinea				> 25 million
2018	Cyclone	03/17/18		CY Marcus					> 25 million
2018	Tropical Storm	05/23/18	05/27/18	Tropical Storm Mekunu	Yamen, Oman , Saudi Arabia				> 25 million
2018	Tropical Storm	06/02/18	06/07/18	Tropical Storm Ewiniar	Vietnam, China, Taiwan, Philippines and Ryukyu Islands	Guangdong Province, Jiangxi, Fujian, Zhejiang Provinces, and Hainan Island.			> 25 million
2018	Earthquake	06/18/18		Earthquake	Japan				> 25 million
2018	Super Typhoon	07/10/18	07/12/18	STY Maria	China, Taiwan, Guam and Japan	Fujian province, Yantze River Basin, Japan's Ryukyu Islands			> 25 million

Year	Event Type	Begin	End	Event	Country	Affected Area (Detail)	Munich Re NatCATService Insured losses (in original values, US\$m) Criteria: Insured losses equal/greater US\$ 25m. Tries to reflect non-US losses only	Swiss Re Sigma: Insured Loss Est. US\$m (mid point shown if range given) Mostly reflect total US and nonUS losses combined.	
2018	Tropical Storm	07/17/18	07/24/18	TS Sonh-Tinh	Vietnam, China, Laos	Japan, Russian Far East			> 25 million
2018	Tropical Storm	07/22/18	07/25/15	TS Ampil	China	Jiangsu, Zhejiang, Shandong, and Hebei			> 25 million
2018	Typhoon	07/27/18	08/03/18	TY Jongdari	Japan, China				> 25 million
2018	Earthquake	08/05/15	08/09/18	Earthquake	Indonesia				> 25 million
2018	Tropical Storm	08/09/18	08/15/18	TS Yagi	Philippines, China	Zhejiang, Anhui, Jiangsu and Shandong Provinces.			> 25 million
2018	Tropical Storm	08/13/18	08/19/18	TS Bebinca	China	Hong Kong, Guangdong and Hainan			> 25 million
2018	Typhoon	08/16/18	08/18/18	TY Rumbia	China	Shanghai, Jiangsu, Zhejiang, Anhui, Shandong and Henan			> 25 million
2018	Typhoon	08/23/18	08/25/18	TY Soulik	Japan, South Korea, China and Russia	Haenam County, South Jeolla Province			> 25 million
2018	Typhoon	09/04/18	09/05/18	RY Jebi	Japan, Mariana Islands, Taiwan, Japan, Russian Far East and Artic				> 25 million
2018	Earthquake	09/06/18		Earthquake	Japan	Hokkaido			> 25 million
2018	Super Typhoon	09/15/18	09/18/18	STY Mangkhut	N. Mariana Islands, Philippines, China and Hong Kong				> 25 million
2018	Hurricane	Leslie	09/23/18	Hurricane Leslie	Azores, Bermuda, Europe	Azores, Bermuda, Madeira, Iberian Peninsula, France			> 25 million
2018	Hurricane	10/07/18	10/16/18	Hurricane Michael	Central American, Yucatan Peninsula, Cayman Islands, Cuba, Atlantic, Canad				> 25 million
2018	Wildfire	May-18	Aug-18	Sweden Wildfires	Sweden	ranging from north of Arctic Circle to the southern County of Scania.			>\$87m
2018	Wildfire	Jul-18		Greece Wildfires	Greece	Attica, Greece			~38.1m
2018	Severe Convective Storm	01/01/18		Windstorm Ingmar	France				<226m
2018	Severe Convective Storm	01/03/18		Windstorm Burglind	Austria, Belgium, France, Germany, Ireland, Luxembourg, Netherlands, Switzerland, U.K.				1020m
2018	Severe Convective Storm	01/17/18	01/18/18	Windstorm Friederike	Belgium, France, Germany, Great Britain, Netherlands, Italy, Central Europe				2,100m
2018	Severe Convective Storm	01/23/18	01/24/18	Windstorm Georgina	Ireland, Norway, U.K.				<226m
2018	Severe Convective Storm	09/19/18	09/20/18	Windstorm Dorcas-Elena	Ireland, Norway, U.K.				<226m
2018	Severe Convective Storm	09/23/18		Windstorm Fabienne	Germany, Austria, Switzerland				<226m
2018	Severe Convective Storm	04/10/18	04/11/18	Tornadoes	New Zealand				51m
2018	Severe Convective Storm	May	June		Central/Western Europe				900m
2018	Severe Convective Storm	12/20/18		Hailstorm	Australia				492m
2019	Cyclone	05/03/19	05/05/19	Cyclone Fani	India, Bangladesh				>500 million
2019	Earthquake	06/17/19		Earthquake	China				> 25 million
2019	Tropical Storm	08/01/19	08/08/19	Tropical Storm Wipha	China, Vietnam				> 25 million
2019	Typhoon	08/09/19	08/11/19	Typhoon Lekima	China				> 855 million
2019	Typhoon	08/15/19	08/16/19	Typhoon Krosa	Japan				>25 million
2019	Hurricane	08/31/19	09/07/19	Hurricane Dorian	Caribbean, Bahamas, Canada				>1 billion
2019	Typhoon	09/05/19	09/08/19	Typhoon Lingling	Japan, China, Korea				>5.78 billion
2019	Typhoon	09/08/19	09/09/19	Typhoon Faxai	Japan				> 7 billion
2019	Hurricane	09/19/19	09/22/19	Hurricane Humberto	Bermuda				>25+ million
2019	Hurricane	09/17/19	09/26/19	Hurricane Lorenzo	Portugal				>25+ million
2019	Earthquake	11/26/19		Earthquake	Albania				>25+ million
2019	Cyclone	11/08/19	11/11/19	Cyclone Matmo (Bulbul)	India, Bangladesh				>25+ million
2019	Typhoon	10/01/19	10/02/19	Typhoon Hagibis	Japan				> 7 billion
2019	Earthquake	12/18/19		Earthquake	Philippines				>25+ million
2019	Wildfire	Sep-19	Mar-20	Australian Bushfires	New South Wales, Queensland, Victoria, South Australia, Western Australia, Tasmania and Northern Territory				~910 million
2019	Severe Convective Storm	03/09/19	03/10/19	Windstorm Dragi-Eberhard	Belgium, France, UK, Germany, Czech Republic, Poland, Slovakia, Netherlands, Luxembourg				851m
2019	Severe Convective Storm	06/20/19	06/23/19	Windstorm	Italy				277m
2019	Severe Convective Storm	07/08/19	07/10/19	Windstorm	Italy				165m
2019	Severe Convective Storm	11/17/19		Sunshine Coast Hailstorm	Australia				112m

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2019	Severe Convective Storm	12/10/19	12/22/19	Ewindstorm Elsa-Fabien	Spain, Portugal, France				149m
2019	Severe Convective Storm	06/10/19	06/13/19	European Hailstorm	Germany, Poland, Slovenia, Czech Republic				830m
2020	Earthquake	03/22/20		Earthquake	Croatia				>25+ million
2020	Cyclone	04/01/20	04/11/20	Cyclone Harold	Solomon Islands, Canuatu, Fiji, Tonga				> 25+ million
2020	Tropical Storm	05/31/20		Tropical Storm Amanda	El Salvador, Guatemala, Honduras				> 25+ million
2020	Tropical Storm	06/01/20	06/05/20	Tropical Storm Cristobal	Mexico, Guatemala, El Salvador				150 million
2020	Hurricane	07/25/20	07/27/20	Hurricane Hanna	Mexico				350 million
2020	Hurricane	07/28/20	08/01/20	Hurricane Isaias	Caribbean, Canada				> 3 billion
2020	Hurricane	08/22/20	08/25/20	Hurricane Laura	Caribbean				> 4 billion
2020	Typhoon	05/15/20	05/22/20	Typhoon Amphan	India, Bangladesh, Sri Lanka				15 billion
2020	Tropical Storm	06/03/20	06/04/20	Tropical Storm Nisarga	India				> 25+ million
2020	Typhoon	08/03/20	08/04/20	Typhoon Hagupit	China, Taiwan				> 100+ million
2020	Hurricane	10/05/20	10/12/20	Hurricane Delta	Jamaica, Nicaragua, Cayman Island, Yucatan Peninsula				> 2 billion
2020	Hurricane	10/24/20	10/30/20	Hurricane Zeta	Cayman Islands, Jamaica, Central America, Yucatan Peninsula, Ireland, United Kingdom				> 1.5 billion
2020	Cyclone	04/01/20	04/11/20	Cyclone Harold	Solomon Islands, Canuatu, Fiji, Tonga				> 25+ million
2020	Hurricane	10/31/20	11/14/20	Hurricane Eta	Colombia, Jamaica, Central America, Cayman Islands, Cuba, The Bahamas				> 7.9 billion
2020	Hurricane	11/14/20	11/19/20	Hurricane Iota	ABC Islands, Colombia, Jamaica, Central America				> 1.4 billion
2020	Typhoon	11/22/20	11/23/20	Typhoon Goni	Philippines, Vietnam, Cambodia, Laos				> 400+ million
2020	Typhoon	11/08/20	11/15/20	Typhoon Vamco	Philippines, Vietnam, Laos, Thailand				> 100+ million
2020	Wildfire	10/04/20		Lake Ohau Fire	New Zealand	Northwest of Lake Ohau Village			~\$25m
2020	Severe Convective Storm	01/20/20		Hailstorm	Australia				1,250m
2020	Severe Convective Storm	02/08/20	02/11/20	Windstorm Sabine/Ciara	Austria, Belgium, Switzerland, Germany, Denmark, France, UK, Ireland, Luxembourg, Netherlands, Norway, Sweden				2,200m
2020	Severe Convective Storm	02/15/20	02/17/24	Windstorm Victoria-Dennis	Belgium, Demark, France, Germany, Ireland, Luxembourg, Netherlands, Norway, Sweden, UK				372m
2020	Severe Convective Storm	09/26/20	09/27/20	Windstorm Odette	Belgium				28+m
2020	Severe Convective Storm	09/30/20	10/03/20	Windstorm Alex-Brigitte	UK, Spain, Portugal, France, Italy, Austria, Poland, Czech Republic				340m
2020	Severe Convective Storm	10/31/20		South East Queensland Hailstorm	Australia				905m
2021	Wildfire	02/05/21		Perth Hills Wildfire	Australia	Shire of Mundaring, Shire of Chittering, Shire of Northam City of Swan			~\$63m
2021	Earthquake	01/14/21	01/14/21	West Sulawesi	Indonesia				> 58.1 million
2021	Earthquake	02/13/21	02/13/21	Fukushima Prefecture Offshore	Japan				1.3 billion
2021	Tropical Cyclone	05/17/21		Tropical Cyclone Tautae	India				> 25+ million
2021	Tropical Storm	06/19/21	06/23/21	Tropical Storm Claudette	Oaxaca, Veracruz, Atlantic Canada				> 25+ million
2021	Earthquake	06/21/21	06/21/21	China	Yunnan Dali				> 25+ million
2021	Earthquake	06/21/21	06/21/21	China	Southern Qinghai				> 25+ million
2021	Hurricane	07/01/21	07/14/21	Elsa	Lesser Antilles, Greater Antilles, Venezuela, Colombia, Atlantic Canada, Greenland, Iceland				50 million
2021	Typhoon	07/16/21	07/31/21	In-fa (Fabian)	Philippines, Ryukyu Islands, Taiwan, China, North Korea				> 25+ million
2021	Tropical Storm	08/11/21	08/20/21	Fred	Lesser Antilles, Greater Antilles, Southern Quebec, The Maritimes				25 million
2021	Hurricane	08/13/21	08/21/21	Grace	Lesser Antilles, Greater Antilles, Yucatan Peninsula, Central Mexico				513 million
2021	Earthquake	08/14/21	08/14/21		Haiti				1 billion
2021	Hurricane	08/26/21	09/04/21	Ida	Venezuela, Colombia, Jamaica, Cayman Islands, Cuba, Atlantic Canada				> 250 million
2021	Earthquake	09/07/21	09/07/21	Guerrero	Mexico				200 million
2021	Earthquake	09/16/21			China				> 25+ million

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2021	Hurricane	09/12/21	09/18/21	Nicholas	Yucatan Peninsula, Tamaulipas				1.1 billion
2021	Hurricane	09/10/21	09/11/21	Larry	Canada				80 million
2021	Cyclone	10/02/21	10/04/21	Cyclone Shaheen	Oman, Iran, India, Pakistan, United Arab Emirates, Saudi Arabia, Yemen				> 25+ million
2021	Earthquake	10/07/21	10/07/21		Japan				> 25+ million
2021	Tropical Storm	10/10/21	10/14/21	Tropical Storm Kompasu	Philippines, Hong Kong, China				245 million
2021	Earthquake	10/16/21	10/16/21		Indonesia				> 25+ million
2021	Tropical Cyclone	10/24/21	11/02/21	Apollo	Italy, Malta, Tunisia, Algeria, Libya, Turkey				> 25+ million
2021	Tropical Storm	10/31/21	11/07/21	Wanda	Atlantic Canada, Bermuda, Azores				> 25+ million
2021	Earthquake	11/14/21	11/14/21		Iran				> 25+ million
2021	Tropical Cyclone	12/14/21	12/18/21	Rai (Odette)	Caroline Islands, Palau, Philippines				> 25+ million
2021	Severe Convective Storm	01/08/21	01/10/21	Windstorm Filomena	Spain				259m
2021	Severe Convective Storm	01/18/21	01/20/21	Windstorm Christoph	UK, Norway				106-159m
2021	Severe Convective Storm	03/10/21	03/13/21	Windstorm Klaus-Luis	France, Belgium, UK, Ireland, Germany, Netherlands, Luxembourg				192m
2021	Severe Convective Storm	10/20/21	10/23/21	Windstorm Aureo	France, Belgium, Germany, Poland, Luxembourg, Czech Republic				362m
2021	Severe Convective Storm	11/26/21	11/28/21	Windstorm Arwen	UK				330-396m
2021	Severe Convective Storm	06/18/21	07/01/21	Europe Hailstorm	Austria, Czech Republic, Germany, Poland, Switzerland, Slovakia, France, Italy				2,132m
2021	Severe Convective Storm	06/24/21		Tronado	Czech Republic				200m
2021	Severe Convective Storm	10/28/21	10/29/21	Hail	Australia				733m
2022	Wildfire	01/15/22	02/28/22	Corrientes	Corrientes Province, Argentina				> 25+ million
2022	Earthquake	03/16/22		Fukushima Earthquake	Japan				2.8 billion
2022	Tropical Storm	04/08/22	04/12/22	Megi	Philippines				>25+ million
2022	Typhoon	08/28/22	09/07/22	Hinnamnor	Japan, Taiwan, Philippines, South Korea, Russian, Far East				>25+ million
2022	Earthquake	09/05/22		Luding Earthquake	Luding County in Sichuan province				>25+ million
2022	Hurricane	09/14/22	09/28/22	Fiona	Leeward Islands, Puerto Rico, Dominican Republic, Lucayan Archipelago, Bermuda, Eastern Canada, Saint Pierre and Miquelon, Greenland				660 million
2022	Hurricane	09/23/22	10/02/22	Ian	Trinidad and Tobago, Venezuela, Colombia, ABC Islands, Jamaica, Cayman Islands, Cuba				> 110 billion
2022	Hurricane	10/07/22	10/10/22	Julia	Trinidad and Tobago, Venezuela, ABC islands, Colombia, Nicaragua, El Salvador, Honduras, Guatemala, Panama, Mexico				>400 million
2022	Severe Convective Storm	01/16/22	01/17/22	Windstorm Hannelore	Norway, Sweden, Denmark, Poland, Finland, Lithuania, Liechtenstein				>25m
2022	Severe Convective Storm	01/29/22	01/30/22	Windstorms Malik, Nadia, Valtteri	Denmark, Germany, Sweden, Austria, Czech Republic, UK, Norway, Poland, Slovakia, Lithuania, Latvia				>100m
2022	Severe Convective Storm	02/06/22	02/07/22	Windstorm Roxana	Germany, France, UK, Belgium				>25m
2022	Severe Convective Storm	02/16/22	02/21/22	Windstorms Dudley, Eunice, Franklin	Germany, Belgium, Netherlands, Luxembourg, UK, Ireland, France, Poland, Czech Republic, Austria, Denmark, Switzerland				>1b
2022	Severe Convective Storm	04/06/22	04/07/22	Windstorm Nasim	Germany, Belgium, France, UK, Netherlands				>25m
2022	Severe Convective Storm	05/20/22		Emmelinde	France, Germany				>100m
2022	Severe Convective Storm	05/22/22	05/25/22	Finja	France, Italy, Austria, Hungary, Switzerland, Slovenia				>100m
2022	Severe Convective Storm	06/02/22	06/06/22	Leocardia, May	France, Switzerland, Germany, Slovenia, Austria, Czech Republic, Hungary				>250m
2022	Severe Convective Storm	06/19/22	06/24/22	Petra, Qiara	France, Germany, Switzerland, Italy, Czech Republic, Poland				>1b
2022	Severe Convective Storm	06/26/22	06/29/22	Rebecca, Scarlett	France, Czech Republic, Germany, Italy, Poland, Netherlands, Austria				>250m
2022	Severe Convective Storm	06/30/22	07/01/22	Ulrike	France, Germany, Poland				>25m

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2022	Severe Convective Storm	07/20/22		Carolín	Switzerland, France, Denmark, Austria, Poland				>25m
2022	Severe Convective Storm	08/17/22	08/21/22	Karin, Lavinia	France, Italy, Austria, Switzerland, Slovenia,				>100m
2022	Severe Convective Storm	05/21/22		Southern Canada Derecho	Canada				>250m
2022	Severe Convective Storm	07/18/22	07/21/22		Canada				>25m
2023	Wildfire	02/01/23	03/06/23		Chile				>25 million
2023	Earthquake	02/06/23	02/20/23		Turkey, Syria				> 25 million
2023	Cyclone	02/12/23	02/17/23	Gabrielle	New Zealand				> 25 million
2023	Typhoon	05/23/23	05/31/23	Mawar	Guam				> 25 million
2023	Earthquake	06/16/23		France Earthquake	France				> 25 million
2023	Wildfire	08/15/23	09/21/23	Kelowna Wildfire	Canada				> 25 million
2023	Wildfire	08/24/23	09/30/23	Bush Creek Wildfire	Canada				> 25 million
2023	Earthquake	09/08/23			Morocco				> 25 million
2023	Typhoon	07/26/23	08/01/23	Doksuri	Philippines, Taiwan, China, Vietnam				> 25 million
2023	Typhoon	08/26/23	09/03/23	Saola	Eastern Asoa				> 25 million
2023	Typhoon	09/03/23	09/07/23	Haikui	Philippines, Taiwan, China				> 25 million
2023	Typhoon	09/27/23	10/11/23	Koinu	China, Japan, Philippines				>25 million
2023	Hurricane	10/22/23	10/25/23	Otis	Southern Mexico, primarily Guerrero				> 25 million
2023	Earthquake	12/18/23		Jishishan Earthquake	China				> 25 million
2023	Severe Convective Storm	01/15/23	01/18/23	Windstorm Gerard/Gero	Belgium, Switzerland, Czech Republic, Germany, France, UK				>25m
2023	Severe Convective Storm	02/16/23	02/18/23	Windstorm Otto/Ulf	Germany, Denmark, UK, Norway, Poland, Sweden				>25m
2023	Severe Convective Storm	03/07/23	03/10/23	Windstorm Larisa/Diethelm	Austria, Belgium, Czech Republic, Germany, France, Ireland, UK, Netherlands, Luxembourg				>25m
2023	Severe Convective Storm	03/30/23	03/31/23	Windstorm Mathis/Markus	Belgium, Swtzerland, Czech Republic, Germany, France, UK				>25m
2023	Severe Convective Storm	07/04/23	07/06/23	Windstorm Poly	Germany, Italy, Netherlands				>25m
2023	Severe Convective Storm	11/01/23	11/03/23	Windstorm Ciaran/Emir	Bulgaria, Germany, Spain, France, UK, Ireland, Italy, Netherlands				>1b
2023	Severe Convective Storm	11/04/23	11/05/23	Windstorm Domingos/Fred	Spain, France				>100m
2023	Severe Convective Storm	11/15/23	11/17/23	Windstorm Frederico/Linus	Germany, France, UK				>25m
2023	Severe Convective Storm	12/20/23	12/22/23	Windstorm Pia/Zoltan	Austria, Belgium, Czech Republic, Germany, Denmark, France, UK, Netherlands, Norway				>100m
2023	Severe Convective Storm	12/26/23	12/28/23	Windstorm Gerit/Bodo	Ireland, UK				>25m
2023	Severe Convective Storm	06/18/23	06/23/23	Lows Kay, Lambert	Austria, Belgium, Czech Republic, Germany, France, Slovakia				>250m
2023	Severe Convective Storm	07/06/23		Zargoza	Spain, France				>25m
2023	Severe Convective Storm	07/11/23	07/13/23		Austria, Czech Republic, France, Germany, Italy, Slovenia, Serbia				>250m
2023	Severe Convective Storm	07/17/23	07/19/23		Austria, Bosnia, Croatia, Germany, Italy, Serbia, Slovakia, Slovenia				>1b
2023	Severe Convective Storm	07/20/23	07/25/23		Bosnia, Switzerland, Germany, France, Serbia, Hungary, Italy, Serbia, Slovakia, Slovenia, Romania				>1b
2023	Severe Convective Storm	08/12/23	08/16/23	Arend, Bernd	Austria, Czech Republic, Germany, France, Italy, Poland				>100m
2023	Severe Convective Storm	08/24/23	08/30/23	Denis, Rae	Austria, Czech Republic, France, Germany, Italy, Lithuania, Latvia, Norway, Poland, Spain, Switzerland				>1b
2023	Severe Convective Storm	07/01/23			Canada				>25m
2023	Severe Convective Storm	07/13/23			Canada				>25m
2023	Severe Convective Storm	07/15/23	07/16/23		Canada				>25m
2023	Severe Convective Storm	07/20/23	07/21/23		Canada				>25m
2023	Severe Convective Storm	08/03/23			Canada				>25m
2023	Severe Convective Storm	08/23/23	08/25/23		Canada				>25m
2023	Severe Convective Storm	08/24/23			Canada				>25m
2023	Severe Convective Storm	05/23/23	05/26/23		Australia				>25m
2023	Severe Convective Storm	12/23/23	12/26/23		Australia				>100m
2024	Earthquake	01/01/24		Noto Earthquake	Ishikawa Japan				>25 million

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2024	Severe Convective Storm	01/20/24	01/22/24	Windstorm Isha	Belgium, Switzerland, Germany, Denmark France, Great Britain, Ireland, Netherlands, Norway				>25 million
2024	Severe Convective Storm	01/23/24	01/24/24	Windstorm Jocelyn	Great Britain, Ireland, Demark, Germany, Netherlands, Norway, Poland				>25 million
2024	Severe Convective Storm	01/31/24	02/01/24	Windstorm Ingunn	Norway, Great Britain, Ireland, Sweden				>25 million
2024	Wildfire	02/01/24	03/22/24	Chile Wildfires	Chile				>25 million
2024	Severe Convective Storm	02/12/24	02/23/24	Windstorm Louis	Western & Northern Europe				>25 million
2024	Severe Convective Storm	02/14/24		Victoria Valentine's Day SCS	Australia				>25 million
2024	Severe Convective Storm	02/21/24	02/23/24	Windstorm Nelson	France, Potugal, Spain, Great Britain				>25 million
2024	Severe Convective Storm	03/30/24	04/03/24	Easter Weekend SCS	Czech Republic, France, Italy, Poland				>25 million
2024	Earthquake	04/03/24		Hualien Earthquake	Taiwan				>25 million
2024	Severe Convective Storm	04/03/24	04/08/24		Australia				>25 million
2024	Severe Convective Storm	04/04/24	04/07/24	Windstorm Olivia	Ireland, Great Britain, France, Spain, Portugal, Netherlands				>25 million
2024	Severe Convective Storm	04/16/24		Hyogo Hailstorm	Japan				>25 million
2024	Severe Convective Storm	05/14/24	05/17/24		Western & Central Europe				>25 million
2024	Severe Convective Storm	06/06/24	06/10/24	Storm Tina	Austria, Demark, Hungary, Switzerland, Slovakia, Romania				>25 million
2024	Severe Convective Storm	06/17/24	06/20/24	Storm Wibke	Denmark, France, Czech Republic, Poland, Switzerland, Belguim				>25 million
2024	Severe Convective Storm	06/10/24	06/16/24		Chile				>25 million
2024	Tropical Storm	06/19/24	06/20/24	Tropical Storm Alberto	Mexico, Yucatan Peninsula				>25 million
2024	Severe Convective Storm	06/25/24	06/28/24		Central Europe				>25 million
2024	Severe Convective Storm	06/28/24	06/30/24	Storm Annelie	France, Italy, Switzerland				>25 million
2024	Hurricane	07/01/24	07/12/24	Hurricane Beryl	Barbados, Windward Islands, Trinidad and Tobago, Venezuela, Hispaniola, Jamaica, Cayman Islands, Yucatan Peninsula, Belize, Eastern Canada				>25 million
2024	Typhoon	07/23/24	07/28/24	Typhoon Gaemi	Taiwan, China, Philippines, Yaeyama Islands, Indonesia, Vietnam, North Korea				>25 million
2024	Hurricane	08/03/24	08/14/24	Hurricane Debby	Caribbean, Quebec, Atlantic Canada				>25 million
2024	Hurricane	08/13/24	08/19/24	Hurricane Ernesto	Bermuda, Puerto Rico, U.S. Virgin Islands, Antigua and Barbuda, Guadeloupe				>25 million
2024	Wildfire	08/23/24	09/06/24	Brazil/Sao Paulo Fires					
2024	Typhoon	08/28/24	08/31/24	Typhoon Shanshan	Japan, South Korea				>25 million
2024	Typhoon	09/01/24	09/12/24	Typhoon Yagi	China, Philippines, Vietnam, Loas, Thailand, Myanmar, Hong Kong, Macau				>25 million
2024	Hurricane	09/09/24	09/14/24	Hurricane Francine	Mexico				>25 million
2024	Wildfire	09/15/24	09/20/24	Portugal Wildfires	Central and Northern Portugal				>25 million
2024	Typhoon	09/15/24	09/17/24	Typhoon Bebinca	China, Philippines, NorthMariana Islands, Ryukyu Islands				>25 million
2024	Hurricane	09/22/24	09/28/24	Hurricane John	Mexico				>25 million
2024	Hurricane	09/24/24	09/29/24	Hurricane Helene	Yucatan Peninsula, Honduras, Cayman Islands, Cuba				>25 million
2024	Typhoon	09/26/24	10/04/24	Typhoon Krathon (Julian)	Philippines, Taiwan				>25 million
2024	Hurricane	10/05/24	10/12/24	Hurricane Milton	Mexico, Yucatan Peninsula, Western Cuba, The Bahamas				>25 million
2024	Tropical Storm	10/25/24	10/27/24	Tropical Storm Trami	Philippines, Vietnam				>25 million
2024	Hurricane	11/04/24	11/10/24	Hurricane Rafeal	Cuba, Panama, Coast Rica, Columbia				>25 million
2024	Typhoon	11/01/24	11/07/24	Typhoon Kong-rey	Philippines, China, South Korea, Japan, Taiwan				>25 million
2024	Typhoon	11/09/24	11/20/24	Typhoon Man-yi	Philippines, Guam, Northern Mariana Islands				>25 million
2025	Earthquake	01/07/25			China, Nepal				>100 million
2025	Windstorm	01/23/25	01/25/25	Windstorm Eowyn (Gilles)	UK, Ireland				>500 million
2025	Cyclone	02/27/25	02/28/25	Cyclone Garance	Reunion, Mauritius				>100 million
2025	Cyclone	03/06/25	03/08/25	Cyclone Alfred	Australia				>100 million
2025	Earthquake	03/28/25			Myanmar, Thailand, Vietnam				>100 million
2025	Earthquake	04/23/25			Turkey				>25 million

Year	Event Type	Begin	End	Event	Country	Affected Area (Detail)	Munich Re NatCATService Insured losses (in original values, US\$m) Criteria: Insured losses equal/greater US\$ 25m. Tries to reflect non-US losses only	Swiss Re Sigma: Insured Loss Est. US\$m (mid point shown if range given) Mostly reflect total US and nonUS losses combined.	
2025	Severe Convective Storm	05/02/25	05/04/25		Spain, France, Portugal, Germany, Austria, Czechia, Poland, Serbia, Bosnia, Romania, Bulgaria, Macedonia				>100 million
2025	Severe Convective Storm	05/13/25	05/14/25		China				>25 million
2025	Wildfire	May	June		Canada				>25 million
2025	Severe Convective Storm	06/13/25	06/15/25		France, Italy, Germany, Switzerland, Belgium, Austria, Czechia, Croatia				>100 million
2025	Typhoon Wutip	06/11/25	06/15/25		China, Philippines, Thailand, Vietnam				>25 million
2025	Hurricane Erick	06/16/25	06/21/25		Mexico, Guatemala, El Salvador, Honduras				>25 million
2025	Severe Convective Storm	06/21/25	06/27/25		France, Italy, Germany, Switzerland, Belgium, Austria, Czechia, Slovakia				>25 million
2025	Typhoon Danas	07/04/25	07/10/25		China, Taiwan, Philippines				>25 million
2025	Tropical Storm Wipha	07/18/25	07/24/25		China, Philippines, Vietnam,				>25 million
2025	Wildfire	07/01/25	07/31/25		Cyprus, Greece, Turkey, Bulgaria, Bosnia, Herzegovina				>25 million
2025	Severe Convective Storm	09/04/25	09/09/25		France, Switzerland, Germany, Italy, Austria, Belgium, Luxembourg, Poland				>25 million
2025	Super Typhoon Ragasa	09/22/25	09/26/25		China, Taiwan, Philippines				>25 million
2025	Windstorm Amy	10/03/25	10/04/25		UK, Ireland, France, Norway, Sweden				>25 million
2025	Earthquake	10/27/25			Turkey				>25 million
2025	Hurricane Melissa	10/25/25	10/30/25		Cuba, Dominican Republic, Haiti, Jamaica				>25 million
2025	Severe Convective Storm	10/25/25			Australia				>25 million
2025	Severe Convective Storm	11/13/25	11/17/25	Windstorms Claudia and Sascha	Portugal, Spain, Italy, France				>25 million
2025	Severe Convective Storm	11/23/25	11/25/25		Australia				>25 million
2025	Severe Convective Storm	12/04/25	12/13/25	Earth Movement, Flooding, Snow, Wind	Canada				>25 million

Source: Munich Re's NAT CAT Service, Swiss Re Sigma and Aon Benfield