



# North Atlantic Hurricane Outlook (April 2022)

By TransRe's Catastrophe Research Team

**Anticipate** above-normal hurricane season activity in the Atlantic Basin

**Weak** La Niña conditions will likely transition to neutral ENSO by summer and fall

**Expect near average** Sea Surface Temperature (SST) across the Eastern and Central Tropical Atlantic

**Expect warmer** than normal SST across the Caribbean and subtropical Atlantic

BY EVENT	30-yr average (1991-2020)	10-yr average (2012-2021)	CSU <sup>1</sup>	TSR <sup>2</sup>
ACE Index	123	125	160	138
Tropical Storms	14	17	19	18
Hurricanes	7	7	9	8
Major Hurricanes	3	3	4	4

## LIKELIHOOD OF AT LEAST ONE MAJOR HURRICANE MAKING LANDFALL (SOURCE: [CSU](#))

BY REGION	2022 (As of April) CSU Forecast	Average
Entire U.S. Coastline	71%	52%
U.S. East Coast (inc. FL Peninsula)	47%	31%
U.S. Gulf Coast	46%	30%
Caribbean	60%	42%
Florida	44%	29%
Texas	25%	16%

## CSU'S ANALOG YEARS BASED ON AVERAGE SST (AUGUST-OCTOBER)

Year	U.S. Landfalls	Loss As Of 2022 (\$B)	Significant Events (\$B)
1996	5	6.5	Hurricane Fran (5.4)
2001	2	6.9	Tropical Storm Allison (6.6)
2008	5	24.4	Hurricane Ike (19.9)
2012	3	26.7	Hurricane Sandy (25.3)
2021	6	29.6	Hurricane Ida (27.8)

<sup>1</sup> [Colorado State University \(CSU\)](#)

<sup>2</sup> [Tropical Storm Risk \(TSR\)](#)

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