

Figure 1: The number of recorded tropical storms has increased dramatically over time. Even though pre-1960 data likely undercounts the number of storms, there growth is still clear growth in recent history.

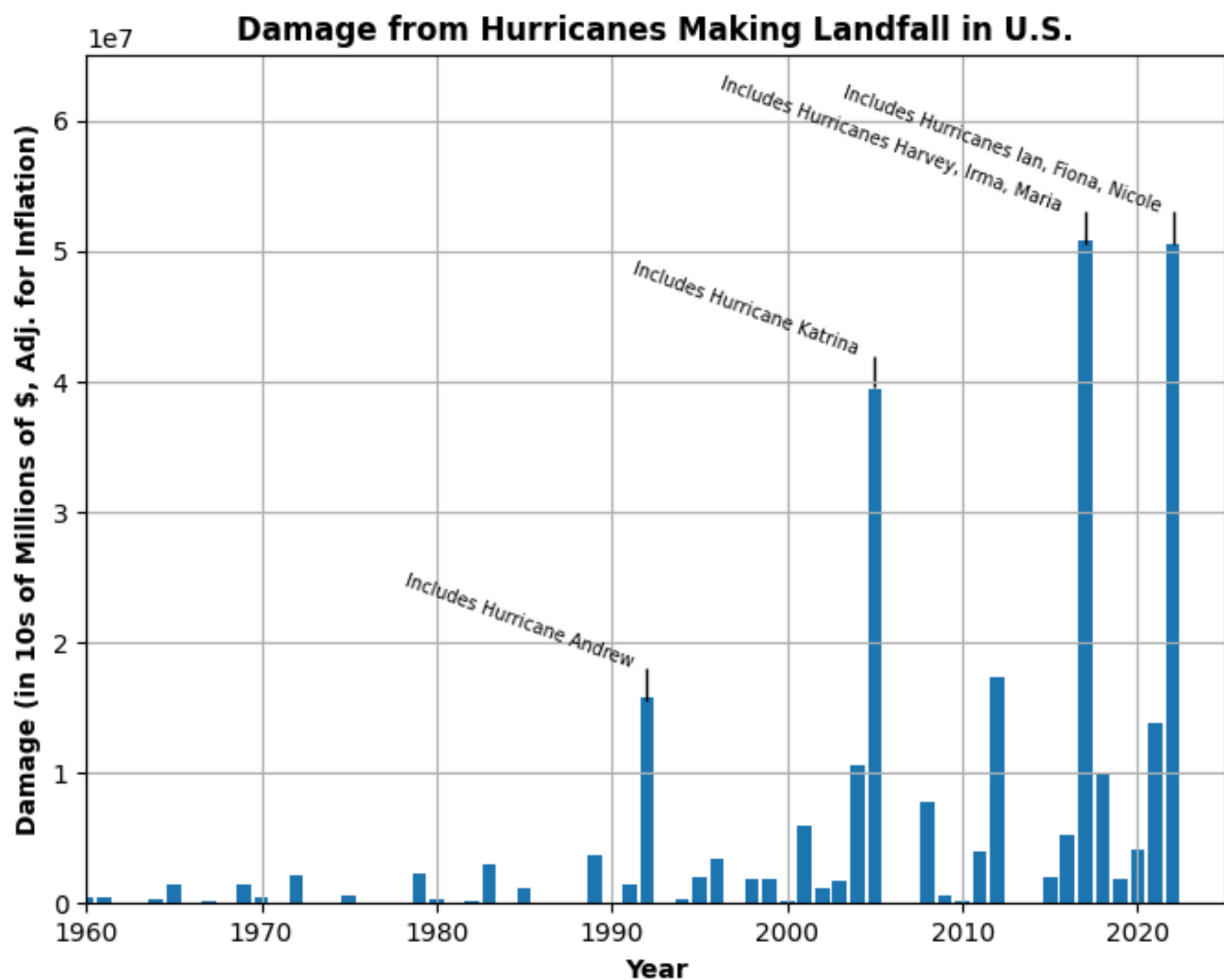


Figure 2: The severity of hurricanes have also increased in recent history. Almost all of the most damaging hurricane seasons since 1960 have occurred in the last 20 years.

## Global Temperature Correlates With Hurricane Occurrence

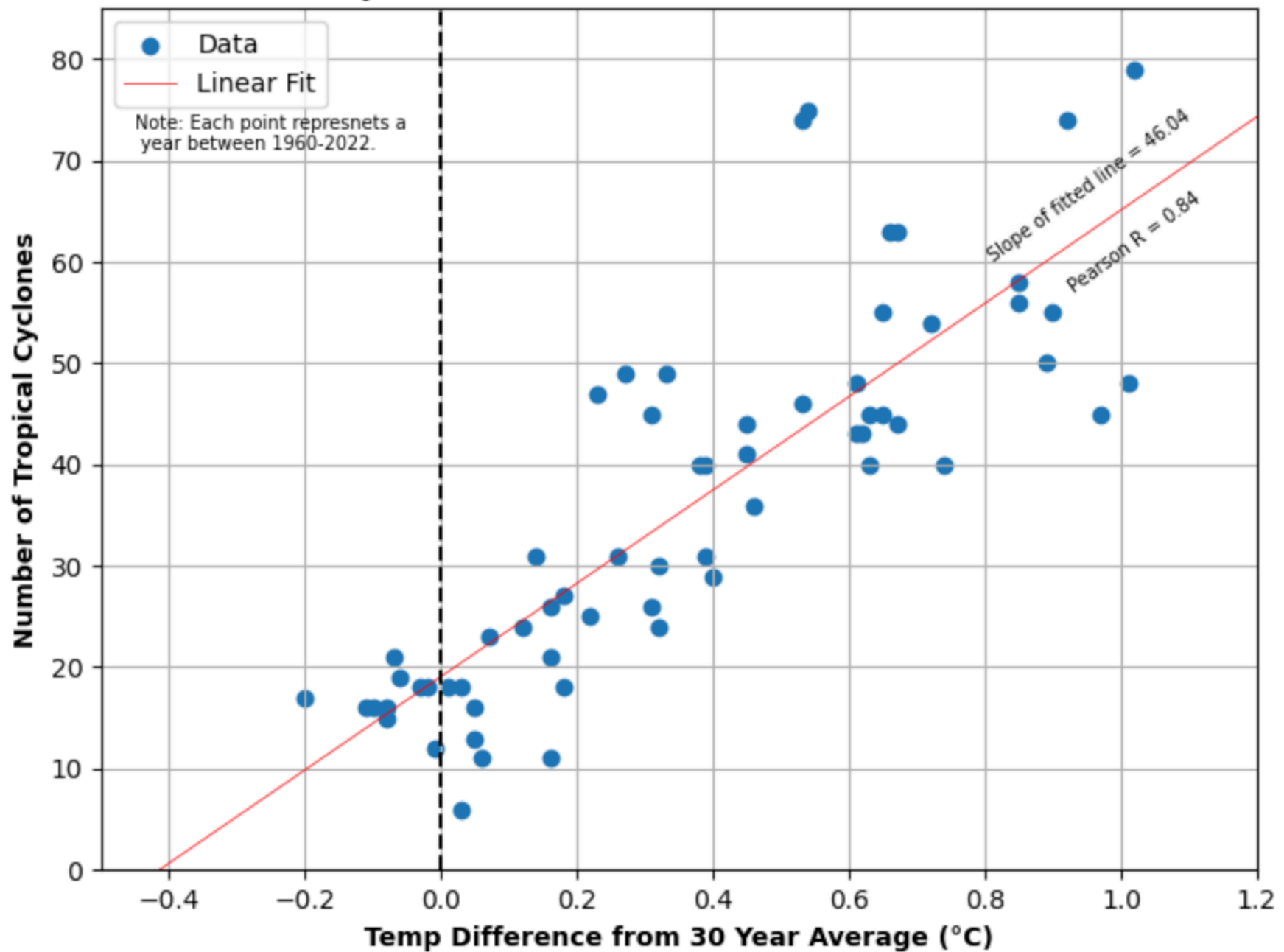


Figure 3: Rising temperatures are the reason for increased hurricane occurrence. The slope of the fitted line estimates that a global rise in temperature of 0.1°C results in an average of 4.6 more tropical cyclones globally.



**Figure 4:** Damage caused by Hurricane Sandy when it made landfall in New York in 2012. Occurrences like this will happen more frequently as global temperatures continue to rise. Source: National Geographic.