

GRADES 3-5

REPRODUCIBLE MASTER

ACTIVITY 2 HURRICANE TRACKING

Part 1: In the film *Hurricane*, you follow the path of fictional Hurricane Lucy from its start as a warm wind in Africa to its death over the United States, and you experience all the effects in between.

Use the hurricane tracking chart that your teacher gives you to plot the course of Hurricane Lucy as it moved from place to place, using the place names in the word bank. Then use the longitude and latitude data given below to plot the course of the infamous Hurricane Katrina from 2005 on your tracking chart. When you have plotted courses for both hurricanes, look for similarities and differences.



Word Bank

Africa Atlantic Cuba Gulf of Mexico Louisiana Puerto Rico Senegal

Hurricane Katrina Location		
Date	Latitude (North)	Longitude (West)
24 August 2005	23.4	75.7
25 August 2005	26.0	77.7
26 August 2005	25.9	80.3
27 August 2005	24.6	83.3
28 August 2005	24.8	85.9
29 August 2005	27.2	89.2
30 August 2005	32.6	89.1
31 August 2005	38.6	85.3

Part 2: Now use your map of Hurricane Katrina's path to estimate how many miles the storm traveled in each 24-hour period. Then, using your data, write a formula here to calculate the average speed the storm traveled each day, and complete the chart below. _____

	Aug. 24-25	Aug. 25-26	Aug. 26-27	Aug. 27-28	Aug. 28-29	Aug. 29-30	Aug. 30-31
Distance (Miles)							
Speed (mph)							

