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# Hurricanes!



## Synopsis

Imagine a force that can toss boats around like toys, wash away bridges, and create waves as high as eighteen feet. With fierce winds and torrential rains, hurricanes can do all of these things. They can cause tremendous damage and even change the shape of a shoreline. For centuries people did not know when a hurricane was coming. But now we have new methods to predict when and where these storms will occur. Young readers will learn how hurricanes are formed, how they are named and classified, and what to do if a dangerous storm is on the way.

## Book Information

Lexile Measure: 860 (What's this?)

Paperback: 32 pages

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Shipping Weight: 0.8 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (19 customer reviews)

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Age Range: 5 - 8 years

Grade Level: Kindergarten - 3

## Customer Reviews

Hurricanes seem to run nilly willy offshore and it is very difficult for even the most seasoned weatherman to predict just where they will end up, but there are many things we do know about them. Hurricanes always start over warm tropical waters when "warm water evaporated and rises into the atmosphere." Once this process starts and the air begins to spiral upward the process is intensified if the temperature of the water is 81 F. Cumulonimbus clouds are formed and become even larger as they absorb large amounts of moisture. The winds begin to pick up and the more they circulate and spin the more intense the situation becomes. When the "speed of the wind reaches 74 mph (119.1 kph), the storm is classified as a hurricane." Time to take action!The area a

hurricane covers can be quite expansive from 100 to 300 miles wide. Most of the hurricane activity that we see begins "over the Atlantic Ocean north of the equator." It is then they start their willy nilly journeys which usually last for about a week. The Saffir-Simpson Hurricane Scale is a predictor that indicates just how strong a storm can be. They range from Category 1 to the extremely destructive Category 5 that New Orleans experienced with Hurricane Katrina. In this book you learn about the particulars of each category, you'll get a glimpse at some devastating historical hurricanes, you'll see how hurricanes are forecasted and tracked, you'll learn about storm watches, hurricane warnings, how to prepare for a storm, and you'll learn some interesting facts. This swirling, fascinating book is an interesting way to learn about hurricanes.

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