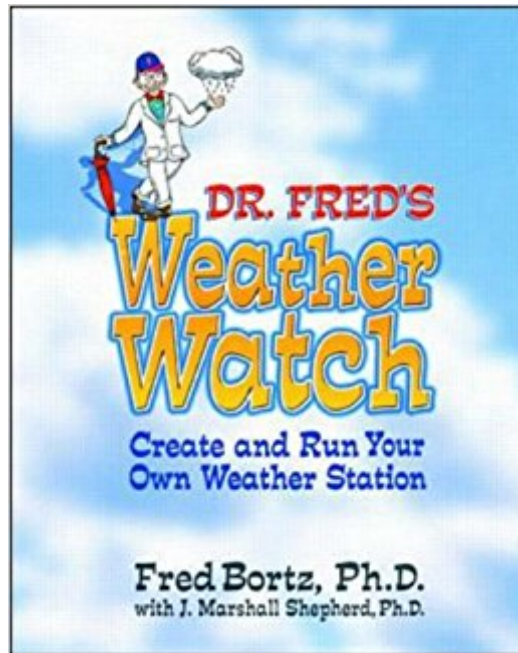




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Dr. Fred's Weather Watch: Create And Run Your Own Weather Station



Synopsis

The how-to book for junior meteorologists. Few science writers are as child-friendly as Dr. Fred Bortz, whose previous books for young readers have been praised as "solid and intriguing" (Booklist) and "fascinating and thought-provoking" (School Library Journal). Here he shows kids how to predict the weather in their own backyards - using simple, inexpensive, self-built meteorological instruments that add up to a fully operational weather station. Based on a state science fair winner, this project can easily be adapted by weather-loving readers for their own school fairs. Or they can simply enjoy the book's wealth of fun weather facts, simple explanations of weather concepts, and additional guidance for online research.

Book Information

Age Range: 12 and up

Lexile Measure: 1100L (What's this?)

Paperback: 98 pages

Publisher: McGraw-Hill; 1 edition (March 13, 2000)

Language: English

ISBN-10: 0071347992

ISBN-13: 978-0071347990

Product Dimensions: 7.2 x 0.4 x 9 inches

Shipping Weight: 8.6 ounces

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,347,171 in Books (See Top 100 in Books) #65 in [Books > Teens > Education & Reference > Science & Technology > Experiments & Projects](#) #93 in [Books > Teens > Education & Reference > Science & Technology > Ecology](#) #214 in [Books > Teens > Education & Reference > Science & Technology > Earth Science](#)

Customer Reviews

Dr. Fred's Weather Watch: Create and Run Your Own Weather Station by Fred Bortz and J. Marshall Shepherd explains how weather is measured. The book, which is for students age 10 and up, covers the important scientific basics needed to understand the weather and why measurements to air pressure, temperature and humidity along with wind speed and direction are important to forecasting. The book's illustrated instructions on how to make simple weather instruments should help students gain first-hand experience with making regular weather observations. They are also sure to help many science fair projects. Fred Bortz has a doctorate in

physics and has written eight books about science for children. Marshall Shepherd is a research meteorologist who got started by building his own weather station when he was in the sixth grade. (USA Today 2000-05-10)

Based on the award-winning science fair project by coauthor and NASA meteorologist, J. Marshall Shepherd, Dr. Fred's Weather Watch will lead you step-by-step to building a blue ribbon weather station of your own. Learn how to: Make accurate weather forecasts. Build a rain gauge, barometer, and other weather instruments from things you have around the house. Keep and use a weather log just like a real meteorologist. Packed with Fun Facts: Where and when was the highest wind speed ever recorded on Earth? What town in the United States had no rain for more than two years? What weather record does Yakutat, Alaska Hold? What does a 'bad hair day' really mean? Is there a storm coming? How hot is it? How hard is the wind blowing? How much rain is falling? What will the weather be like tomorrow? Answer these questions and more with help from Dr. Fred! It's fun and you don't need fancy equipment. In this book, Dr. Fred shows you how to build everything you will need to be the weather expert for your neighborhood!

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