What's New with the Online Textbook for Tropical Meteorology?

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This FREE textbook covers the fundamental science of the tropical atmosphere and synthesizes the tremendous increase in our knowledge of tropical meteorology during the past two decades. The book also takes advantage of the great advances that have occurred in learning technologies.

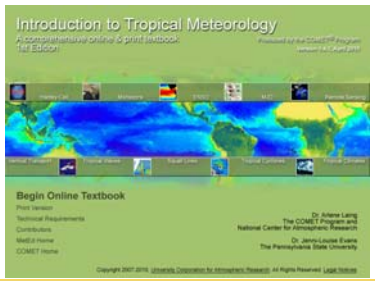
Many chapters focus on topics not covered in older tropical meteorology textbooks, such as tropical remote sensing instruments and applications, convectively-coupled equatorial waves, and tropical cyclone ensemble prediction.

The target audience of this book includes undergraduate, early graduate students, forecasters, and others interested in the impacts of tropical weather and climate.

The material is reviewed for scientific accuracy and appropriateness of academic level by scientists and professors with expertise in diverse aspects of tropical meteorology.

Introduction to Tropical Meteorology

http://www.meted.ucar.edu/tropical/textbook
http://www.meted.ucar.edu/tropical/textbook_es



CHAPTERS

Added to the Website as they are completed

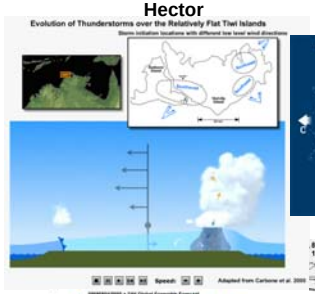
Available:

Tropical Remote Sensing Applications (English & Spanish)
Tropical Cyclones (English, Spanish)
Tropical Variability (English, Spanish coming soon**)**
The Distribution of Moisture and Precipitation (English & Spanish)
Observations, Analysis, & Prediction of Tropical Weather (English)

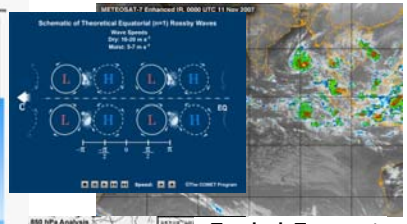
Coming Soon:
Introduction, Global Circulations and the Tropics

ANIMATIONS & ILLUSTRATIONS

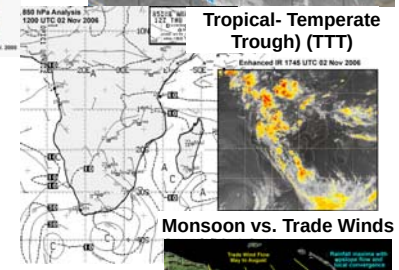
Hector



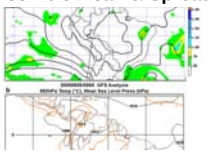
Rossby Waves, Sidr, & Lee-Ariel



Tropical- Temperate Trough) (TTT)



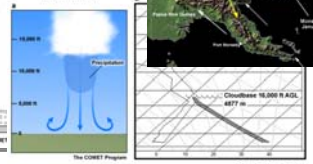
Ensemble Mean & Spread



Monsoon vs. Trade Winds

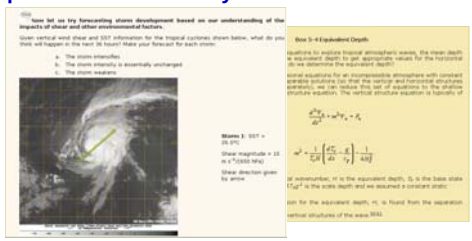
Hurricane Intensity Scale

Dry Microburst

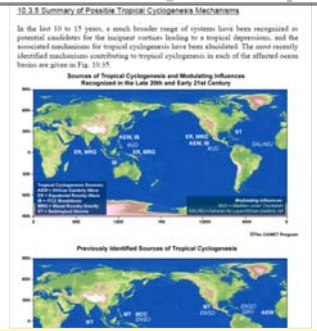


LEARNING TOOLS

Focus Sections Quizzes Glossary
Critical Thinking & Review Questions
Operational Focus Keywords Resource Links



PDFs for Printing each Chapter



EXTRAS

Interviews with Tropical Cyclone Forecasters
Miami & La Réunion

Biographies

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