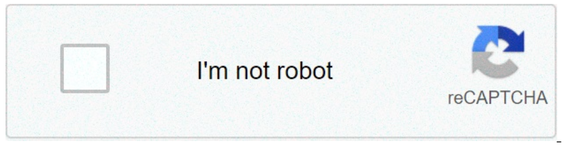

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Meteorology today pdf

METEOROLOGY TODAY - INTRODUCTION TO WEATHER CLIMATE & THE ENVIRONMENT View Larger Image 30-07-202107:00 Very Cloudy Sky Wind Sp 7.4 km/hr Dir 040 Rain 0.0 mm. General Situation at 04:00 July 30, 2021 The rather strong southwest monsoon prevails over the Andaman Sea, Thailand and the Gulf of Thailand. Isolated heavy the East and the South of Thailand. People should beware of the severe condition and its accumulation that may cause overflows and flash floods. The strong wind forces the waves up to 2-3 meters high in the upper Andaman Sea from Phang Nga and above 3 meters high in thundershowers, about 2 meters high in the lower Andaman Sea and above 2 meters high in thundershowers. All ships proceed with caution, and small boats keep ashore. ...more 7 Day Weather Forecast July 29, 2021 - August 4, 2021 During 29 - 30 Jul, the monsoon trough lies across Myanmar, the upper portion of the North, Laos and upper Vietnam. The strong southwest monsoon prevails over the Andaman Sea, Thailand and the Gulf of Thailand. Thundershowers are likely over Thailand with isolated heavy in the North, the Central, the East and the South (west coast). The strong wind and waves in the Andaman Sea will be likely with 2-3 meters in the upper Andaman Sea and above 3 meters in thundershowers. During 31 Jul – 4 Aug, the moderate southwest monsoon prevails over the Andaman Sea, Thailand and the Gulf of Thailand while during 2 – 4 Aug, the monsoon trough will lie across Myanmar, upper Laos and upper Veitnam. Thundershowers remains over Thailand with isolated heavy in the North, the upper Northeast, the East and the South (west coast). The wind and waves in the Andaman Sea will be likely with about 2 meters and above 2 meters in thundershowers. ...more Issued Date July 29, 2021 C. Donald Ahrens is Emeritus Professor at Modesto Junior College and the author of two best-selling textbooks for Cengage Learning. The Textbook and Academic Authors Association awarded Professor Ahrens its 2009 McGuffey Longevity Award in the physical science category for his market-leading text METEOROLOGY TODAY, 9e. Dr. Ahrens has influenced not only professionals in the field of atmospheric science, but has brought better understanding of the science to hundreds of thousands of non-atmospheric science majors who used his books to expand their knowledge of weather and climate. In 2007, the National Weather Association awarded Professor Ahrens a lifetime achievement award for these accomplishments. Edition Eleventh edition / C. Donald Ahrens, Robert Henson. Publication Boston, MA : Cengage Learning, [2016] Copyright notice ©2016 Physical description 1 vol. (multiple pagings) : col. ill., col. maps ; 29 cm Start at call number: Librarian view | Catkey: 10968724 © 1996-2014, Amazon.com, Inc. or its affiliates Results Course Code: ENVI003 Credits: 2 Hours Distribution: (2crs.: 2lec.) Course Type: University Requirements (UR) (CUR) The course covers the basic principles of atmospheric environment and meteorological concepts in a visual & practical manner. In the first part (the atmospheric environment), the composition, origin, and structure of the atmosphere will be explained. In the second part (the meteorological concepts), weather stations, radar & satalites used in weather prediction will be identified and studied. In addition, the following activities will be demostrated by the students during the lectures: 1- Collecting and summarizing the DATA from the weather sations. 2- Interpreting the weather maps & climatological data. 3- Applying meteorological principles. 4- Distinduishing between the different types of weather reports. Description Table of Contents Product Details Click on the cover image above to read some pages of this book! METEOROLOGY TODAY: AN INTRODUCTION TO WEATHER, CLIMATE AND THE ENVIRONMENT by meteorologists C. Donald Ahrens and Robert Henson combines the latest in weather, climate and earth science to introduce students to the concepts and current issues of meteorology. Grounded in the scientific method, the new edition of this highly visual text shows students how to observe, calculate and synthesize information as budding scientists. Specific discussions center on severe weather systems like tornadoes and hurricanes, as well as everyday elements like wind, precipitation and the seasons. The MindTap course provides students with engaging features such as Concept Animations, a digital Study Guide, and summative EOC assessment. New assignable Case Study activities in each chapter allow students to apply their knowledge to real life studies and meteorological events. . Earth and Its Atmosphere 2. Energy: Warming Earth and the Atmosphere 3. Seasonal and Daily Temperatures 4. Atmospheric Humidity 5. Condensation: Dew, Fog, and Clouds 6. Stability and Cloud Development 7. Precipitation 8. 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