

## **Meteorology Chapter 3 Exam With Questions and Answers**

If the maximum temperature for a particular day is 26°C and the minimum temperature is 14°C, the daily mean would be: - ANSWER 20°C

If the maximum temperature on a particular day is 30°F and the minimum temperature is 21°F, then the daily temperature range is: - ANSWER 9°F

How is the annual mean temperature calculated? - ANSWER It is the average of all 12 monthly mean temperatures

The annual range of temperature may be described as: - ANSWER the difference between the average temperatures of the warmest and coldest months

An isotherm on a map: - ANSWER connects points of equal temperature

A primary reason for drawing isotherms on a map of temperature values is to allow: - ANSWER recognition of temperature patterns

The \_\_\_\_\_ is defined as the amount of temperature change per unit of distance. - ANSWER temperature gradient

Which of the following associations is CORRECT?

- A) high latitude — low annual temperature range
- B) land — distributes heat through convection
- C) water — high specific heat
- D) evaporation — raises the temperature of air - ANSWER C) water — high specific heat

All of the following explain the difference between land and water

# Meteorology Packet Answers

**World Meteorological Organization**

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*Meteorological Data for Little America III* Arnold Court,1949      *Results of Meteorological Observations in New South Wales* Sydney Observatory (N.S.W.),1889      Results of meteorological observations made in New South Wales New South Wales dept. of educ,1889      *Scientific and Technical Aerospace Reports* ,1971 Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database      **Quarterly Journal of the Royal Meteorological Society** Royal Meteorological Society (Great Britain),1893 Vols 10 11 include Meteorology of England by James Glaisher as seperately paged section at end      *Results of Meteorological Observations Made in New South Wales During 1886-87: 1890* New South Wales Government Astronomer,1889      **Modern Meteorology** Frank Waldo,1894      **Technical Note - World Meteorological Organization** World Meteorological Organization,1968      **Nature** Sir Norman Lockyer,1879      **Nature** ,1879      **Design of a Three-dimensional Meso-meteorological Network** Tetsuya Theodore Fujita,1959      **Annual Report of the Secretary of the State Board of Health of the State of Michigan, for the Fiscal Year Ending ...** Michigan. State Board of Health,1896      **Annual report of the Commissioner of the Michigan Department of Health for the fiscal year ending ... 1895** ,1896      **Annual Report** Michigan. Department of Health,1896      *Report on the Administration of the Meteorological Department of the Government of India* India. Meteorological Department,1875      **Bibliography of Scientific and Industrial Reports** ,1971      **U.S. Government Research & Development Reports** ,1971      **Report on the Scientific Results of the Voyage of H.M.S. Challenger During the Years 1873-76 Under the Command of Captain George S. Nares and the Late Captain Frank Tourle Thomson** Sir Charles Wyville Thomson,Great Britain. Challenger Office,1889      Manual of Meteorology Napier Shaw,1928      **U.S. Government Research & Development Reports** ,1970

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