



Clouds and Precipitation 2014 Test Summary Report

02/23/2014

QUESTION BANK	# OF QUESTIONS	POINTS
Chapter 18—Moisture, Clouds, and Precipitation	13	13
WEATHER FACTORS	5	5
Not associated with a question bank	4	4
TOTAL	22	22

QUESTION TYPE	# OF QUESTIONS	POINTS
Multiple Choice	22	22
TOTAL	22	22

LEARNING OBJECTIVE	# OF QUESTIONS
18.1 Compare and contrast the abilities of cold air and warm air to hold water vapor. pg. 506 Saturated air	1
18.1 Describe the factors that affect the relative humidity of air. humidity, p. 506; saturated, p. 506; relative humidity, p. 506; p. 506; saturated, p. 506; relative humidity, p. 506;	3
18.1 Describe what happens during a change of state: evaporation, p. 505; condensation, p. 506; sublimation, p. 506; deposition, p. 506;	3
18.1 Describe what happens during a change of state: latent heat pg. 505	1
18.1 Describe what happens during a change of state: Precipitation pg. 504 - Rain, snow, sleet, hail	1
18.1 Identify the gas that is most important for understanding atmospheric processes. Water vapor pg. 504	2
18.2 Describe the conditions in air that favor condensation of water. condensation nuclei, p. 516	1
18.2 Describe what happens to air when it is compressed or allowed to expand. pg. 510	1
18.2 Explain what must happen for precipitation to form. condensation nuclei, p. 516 -Video presentation in class	2
18.2 List four mechanisms that cause air to rise. orographic lifting, p. 512; frontal wedging, p. 512; convergence, p. 513; convective lifting, p. 513;	3
18.3 Describe how clouds are classified. cirrus, p. 517; cumulus, p. 517; stratus, p. 518;	3
18.3 Explain what must happen for precipitation to form. Bergeron process, p. 521; collision-coalescence process, p. 521	1

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