

Temperature Team Upper Air Temperature - Day 3

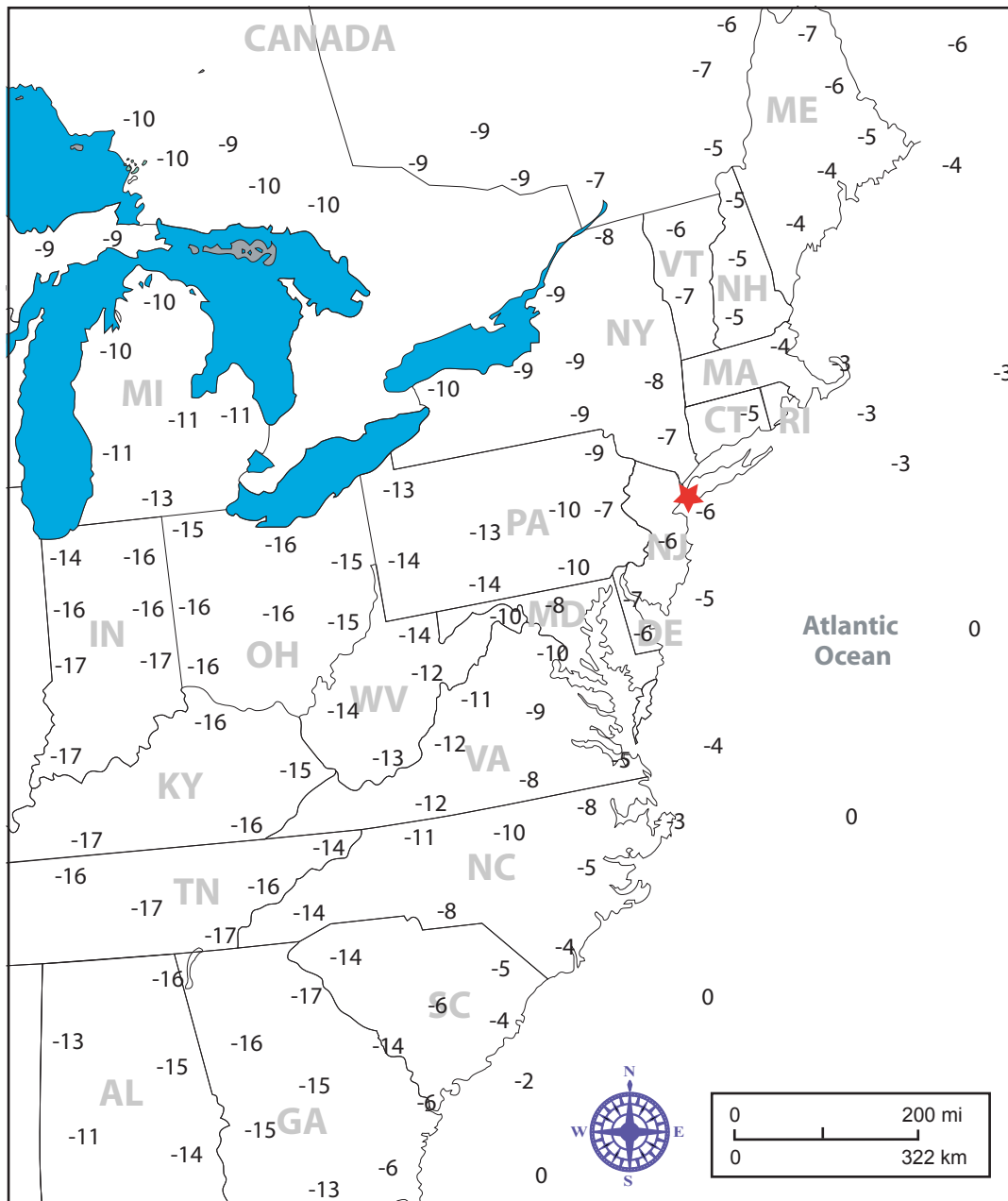
Most precipitation forms approximately 5,000 feet above sea level, where the air pressure is 850mb. Temperatures at this level affect the *type* of precipitation that forms. The 850mb temperature readings on this map are in degrees Celsius. On the Celsius scale freezing is 0 degrees.

Circle each number with the corresponding color in the key. DO NOT shade in the circle.

An isotherm is a line on a map joining areas of equal temperature. Use a black pencil to draw an isotherm connecting the 0-degree readings.

The star marks New York City. Looking at the 850mb temperature alone, *IF* precipitation develops, what type would form 5,000 feet above New York City? What is your forecast for New York City in 24 hours?

850mb Temperature (°C) Day 3 Analysis for 12Z 30 DEC 00



KEY	
Color	°C
Orange	>0
Black	0
Green	<0