

## Chapter 6

### Weather

1. What is the Coriolis Force

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2. Why do winds go from a high-pressure area to a low-pressure area?

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3. If you were to take an volume of air that is  $15^{\circ}\text{C}$  from sea level to 1,000 feet, how would you expect the temperature of that volume of air to change?

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4. What is a microburst?

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5. Why is it called radiation fog if there is no radioactive material involved?

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6. If the winds on the surface are  $120^{\circ}$  at 3 knots and  $220^{\circ}$  at 13 knots at 500 feet AGL, is there a wind shear?

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7. In the northern hemisphere, which way would you expect surface winds to be traveling north of a high-pressure area?

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