

Reading Guide for October 27

from Henson, *Rough Guide to Weather*

Chapter 2: The wild stuff

p. 96. *Other windstorms.* This reading looks at names people give to local wind patterns, and explains how the patterns occur.

p. 97. “*Blowing hot and cold.*” This section describes **downslope winds**.

- What makes hot downslope winds hot?
- Given that, how can cold downslope winds be cold?

pp. 97–99. “*Downbursts and derechos.*”

- What causes the downdraft in a **downburst**?
- What is the wind pattern on the ground from a downburst?

pp. 99–102. “*Quick spins.*” This describes some vortex winds that are quite different from tornadoes. Read this to find out what **waterspouts** and **dust devils** are, and how they form.