

For Release  
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Heat in water vapor! Water vapor contained in rising air cools until rain or snow results. It has been calculated that one pound of water vapor on becoming snow gives up heat sufficient to raise six pounds of ice water to the boiling point. That is the basis of the explanation of those warm chinook winds of our west or the foehn winds of Switzerland. Moist air from the Pacific Ocean blowing up the western slope of the Rockies expands and cools, and descends on the eastern slopes as a warm wind. Heat is added on the west side by the water vapor turning to rain or snow, and is further warmed by being compressed as it descends on the east side.

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