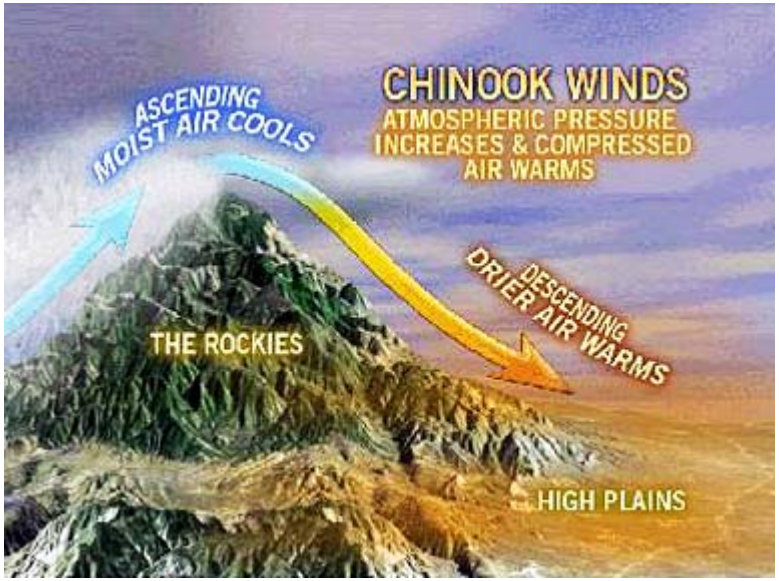
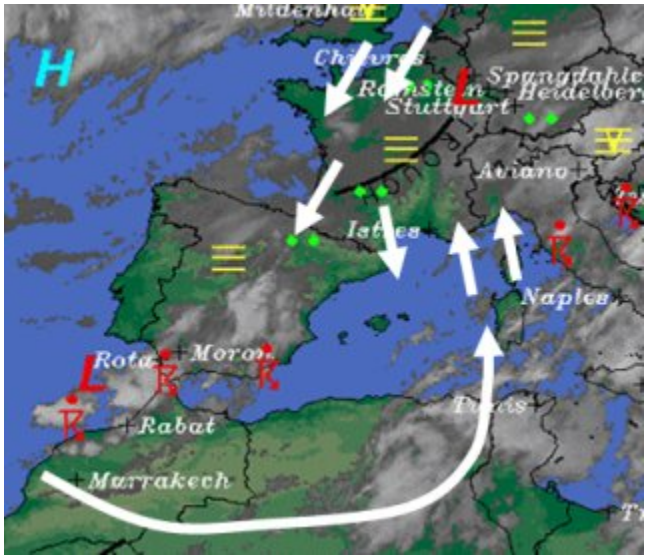
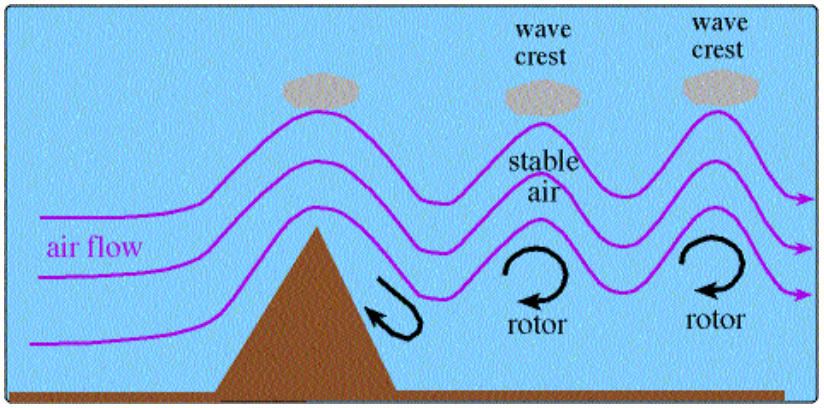
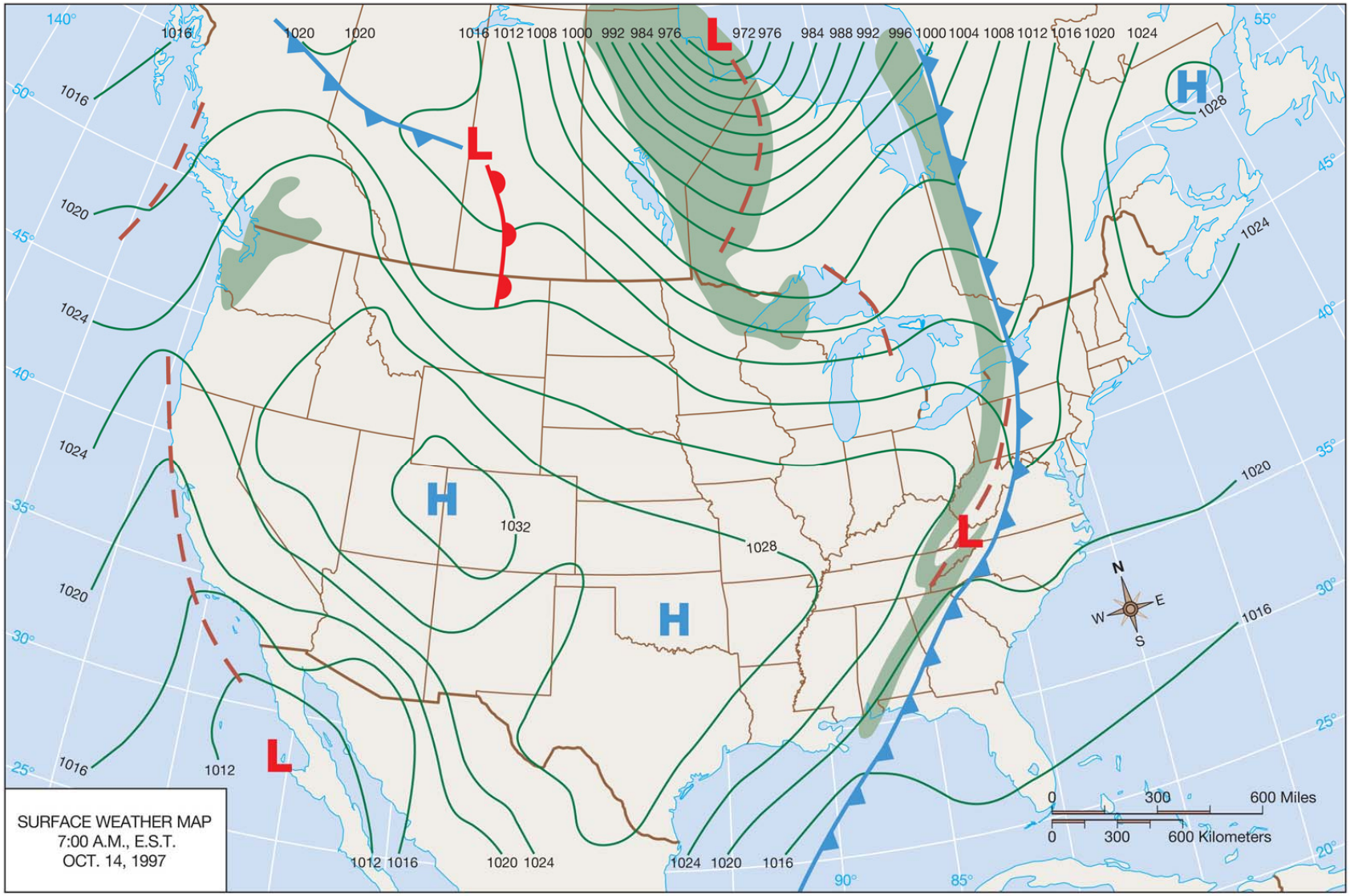
Katabatic Winds Move Down Slope and, Therefore, Heat Up and Dry Out Because of Compressional Warming. They Have Local Names in Many Parts of the World



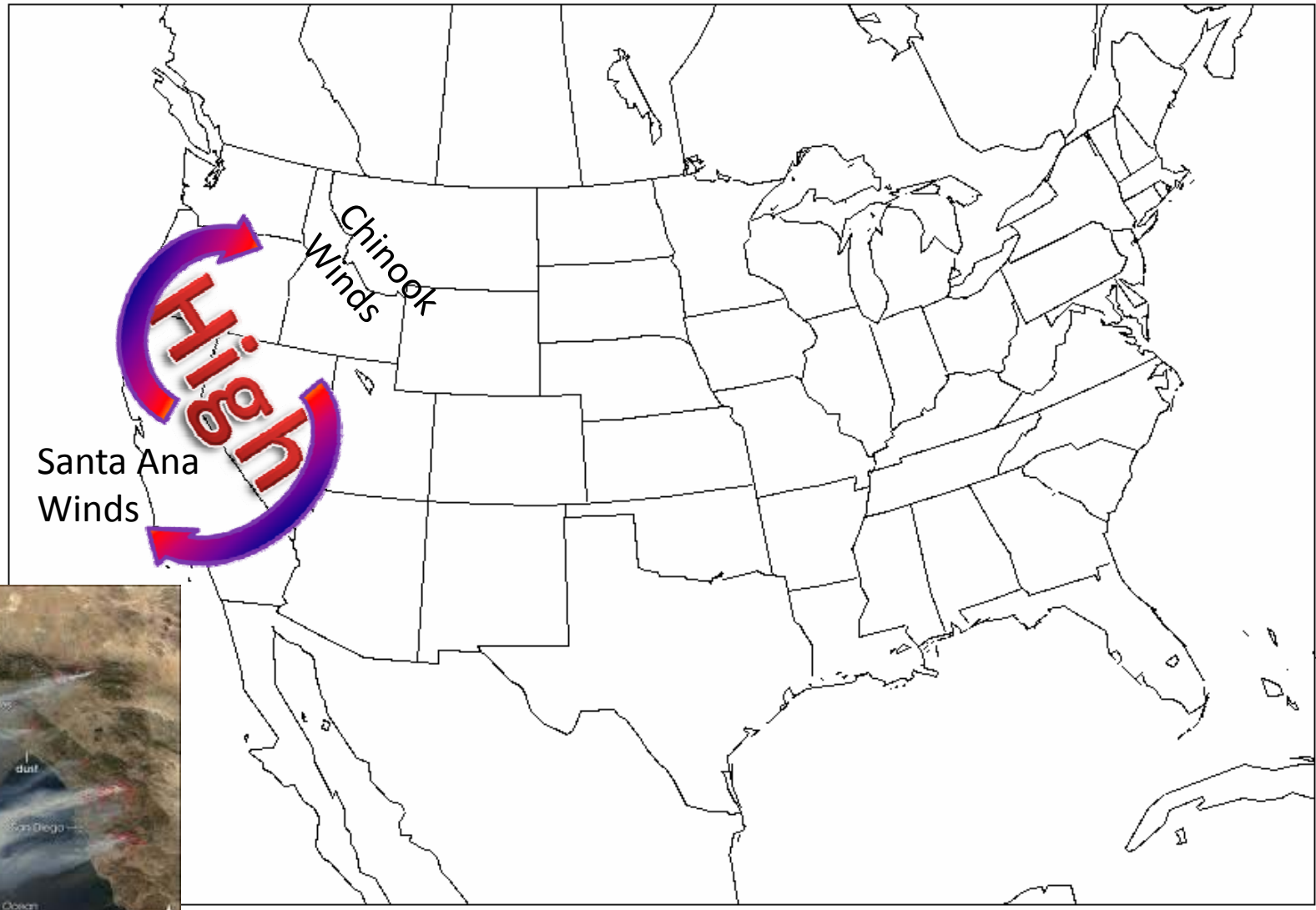




Weather Map Showing Strong Anticyclone over Rockies and Chinook Winds in the Northern Plains

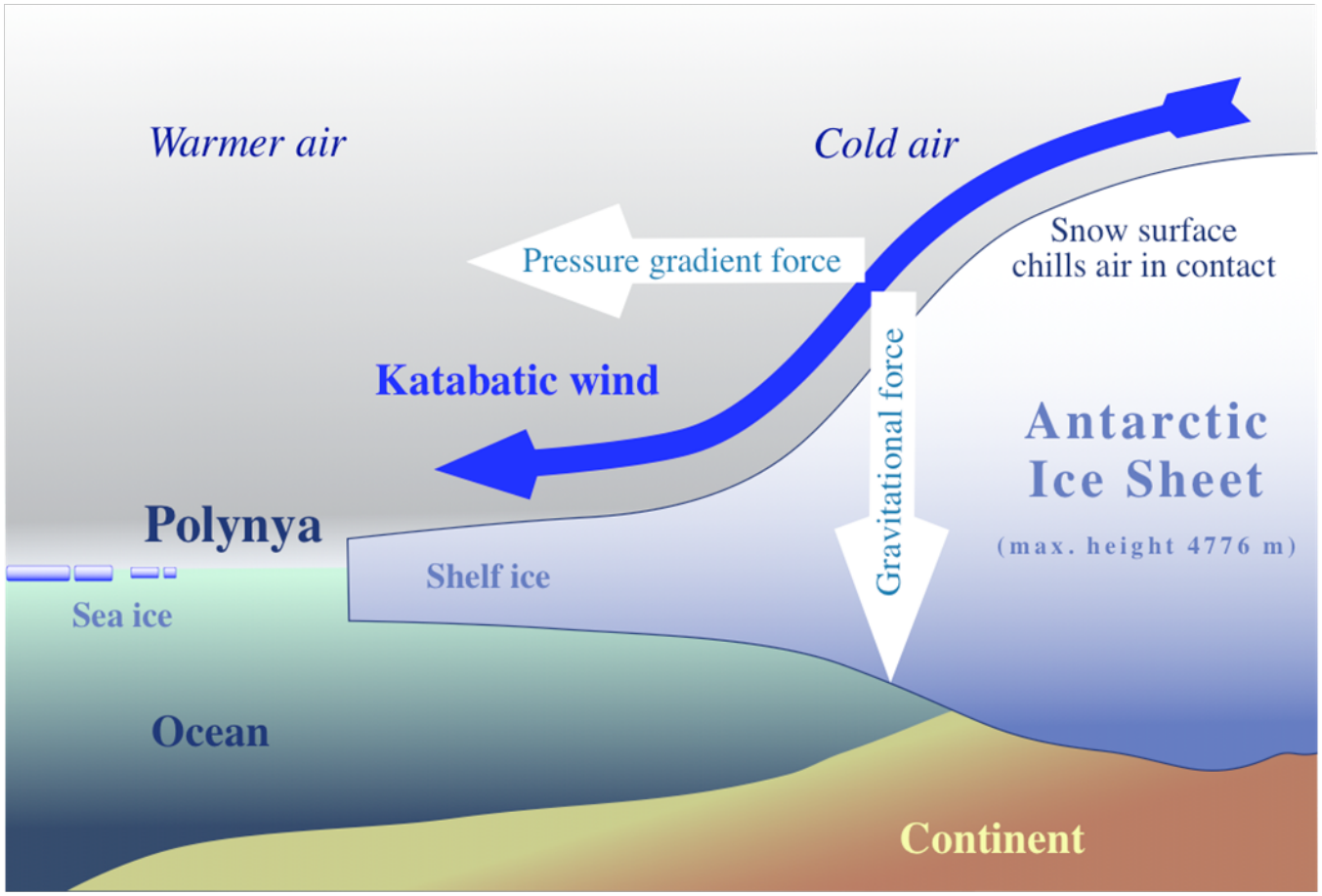


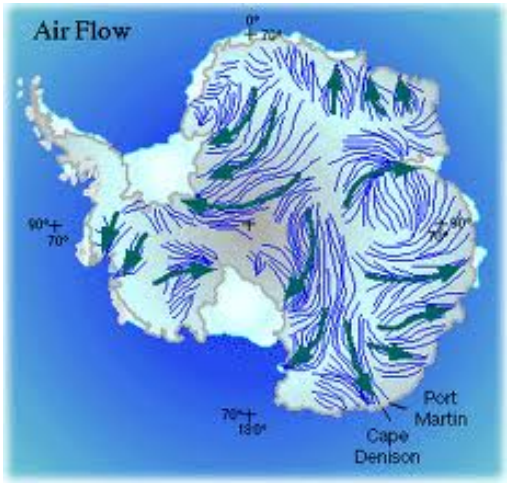
Strong Anticyclones over Western U.S. Often Cause Strong Katabatic Winds



California Wildfires

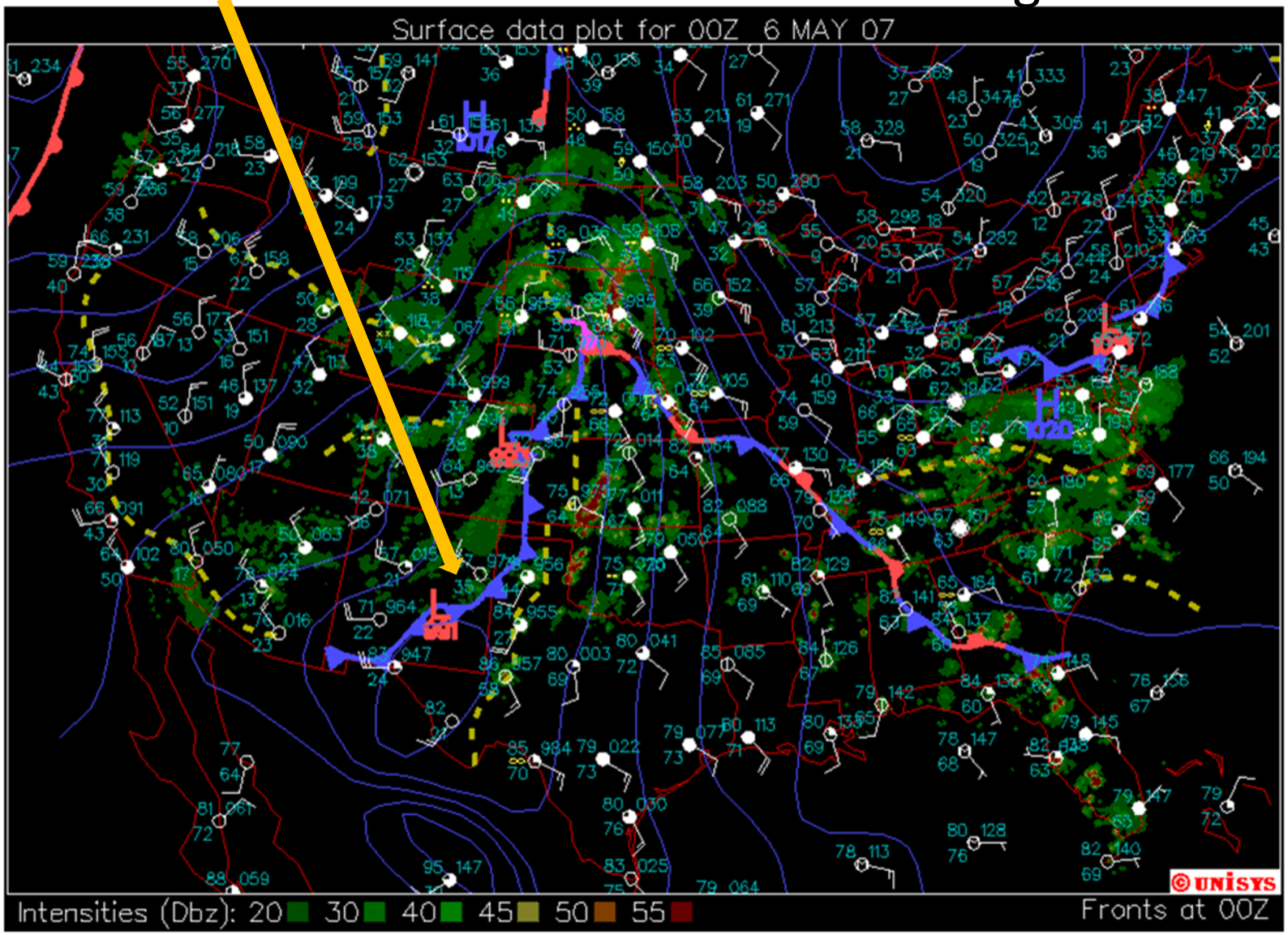
Antarctica Is Famous for Its Katabatic Winds



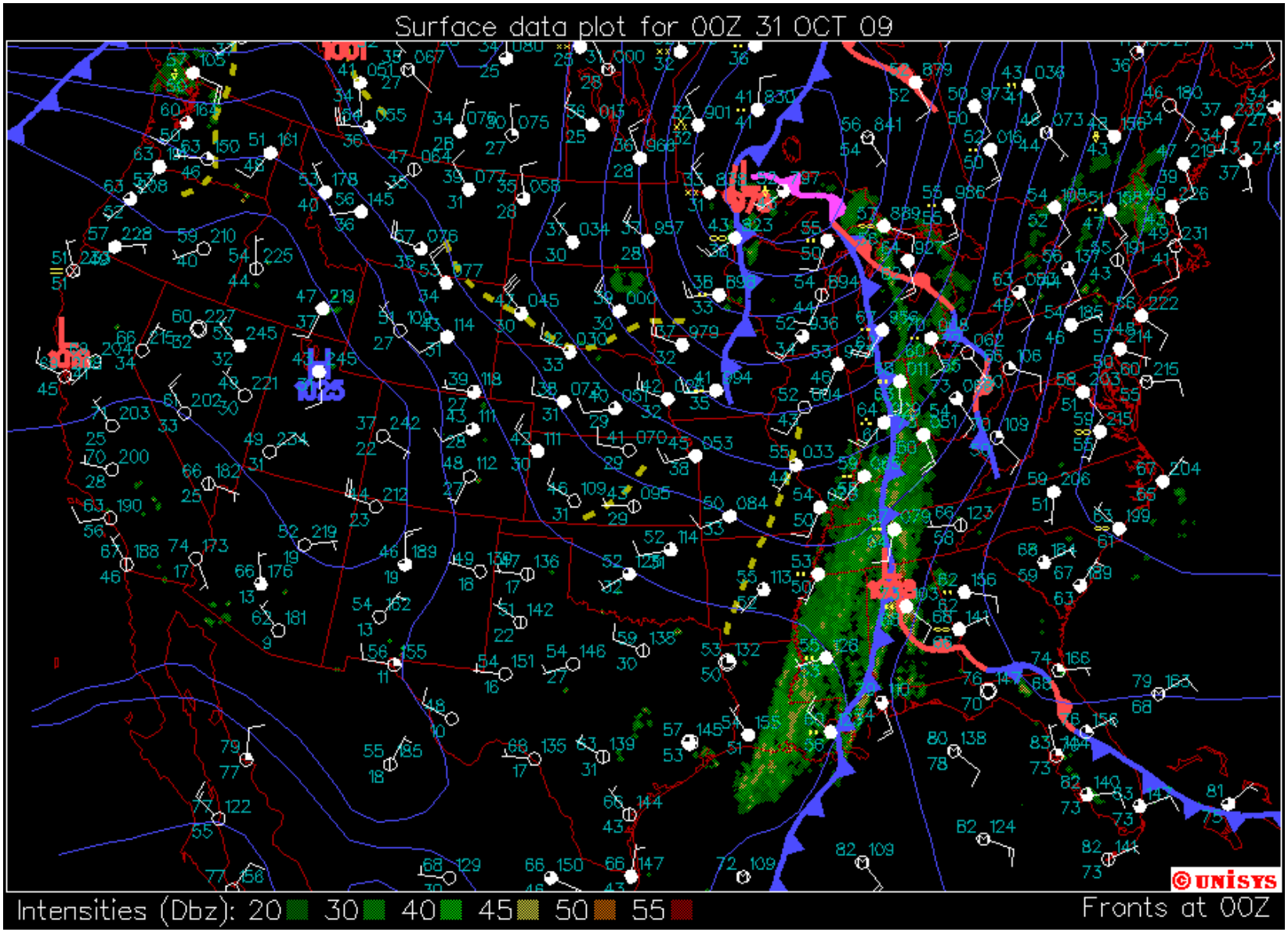


Katabatic Winds Create the Antarctic Dry Valleys and Freeze-Dried Seal

Fronts Are Convergence Zones
Note 90° Difference in Wind Direction along Cold Front



Well Defined Convergence of Winds along All Fronts



Strong Convergence along Cold Front, Nearly 180° in Alabama