

OCCLUDED FRONT



(PURPLE)

In occluded fronts, there are boundaries between air masses of different temperatures and densities above the ground as well as close to the surface.

WARM OCCLUDED FRONT



Cool air slides up over cold air and the surface boundary lags back behind the airborne border line. In North America that means it's back to the west of the surface boundary.

COLD OCCLUDED FRONT



In a cold occluded front cold air plows up under cool air, and both push up warmer air: you get a mix of the kind of clouds and precipitation you'd see at cold and warm fronts.