

Activity 2.6.1
Warm Front/Cold Front

Simple checklist of weather to be expected at frontal boundaries.

COLD FRONT

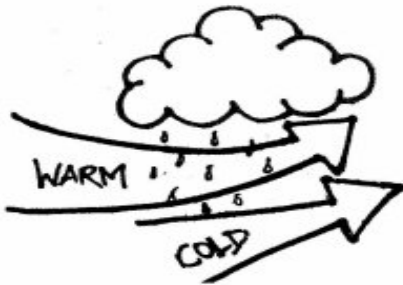


Advancing cold air pushes under warm air, and clouds form—unless it's very dry. If the front is moving quickly, the dividing line between cold and warm air rises sharply, and thunderstorms may develop.



(BLUE TRIANGLES)

WARM FRONT



Less dense warm air slides up over the colder, heavier air: the boundary is a long, gentle slope and there will be wispy clouds high up in the air many hundreds of miles ahead of the front itself—a pretty good sign that precipitation is on the way!



(RED HALF CIRCLES)

STATIONARY FRONT



Like rival armies hunkering down for a fight, warm and cold air are deadlocked: there will likely be lots of clouds on both sides of the front.



(ALTERNATING RED HALF CIRCLES + BLUE TRIANGLES)

(Continued on Side 2)