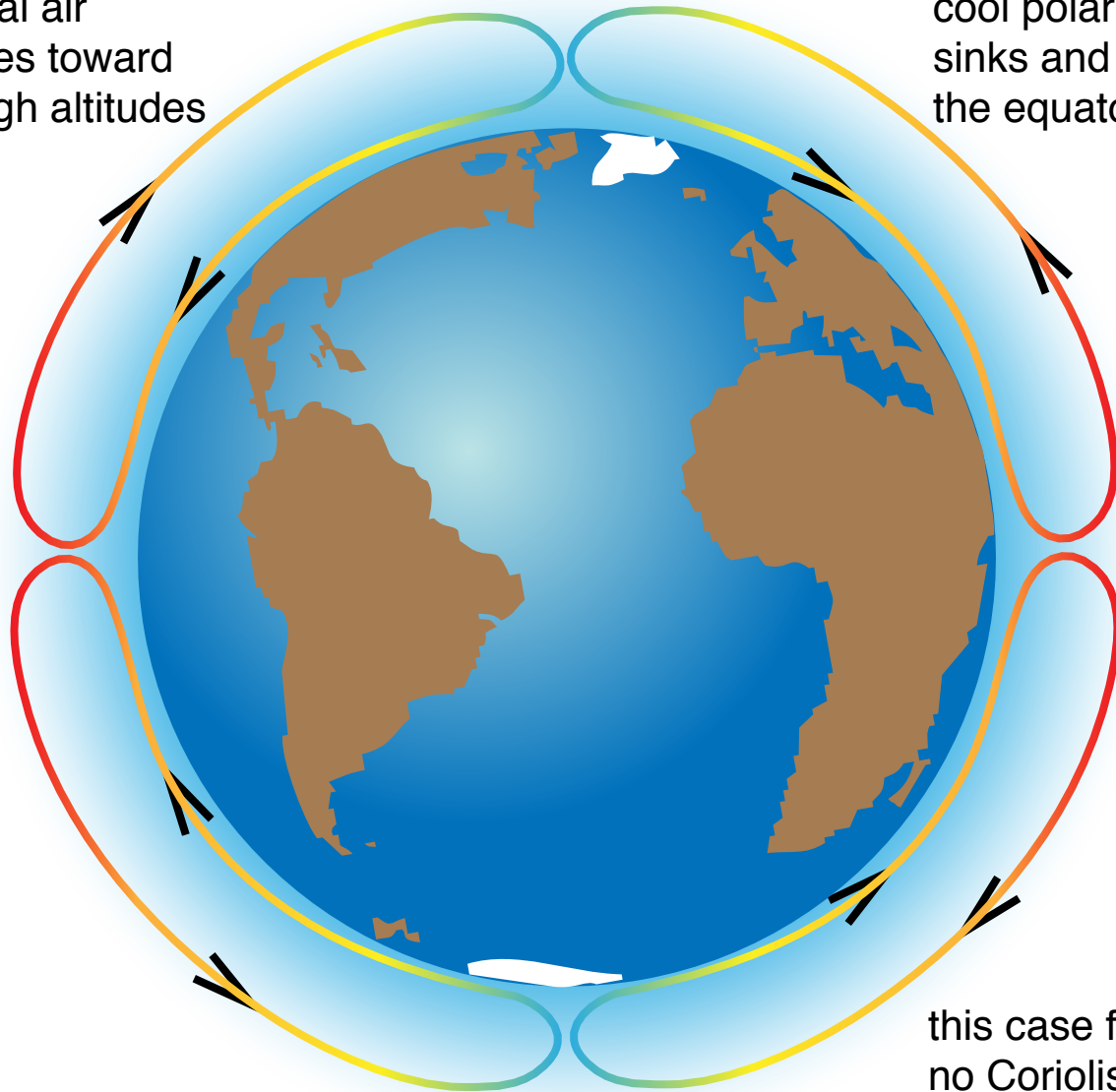


warm equatorial air  
rises and moves toward  
the poles at high altitudes

cool polar air  
sinks and moves toward  
the equator at low altitudes



this case for no rotation,  
no Coriolis effect!