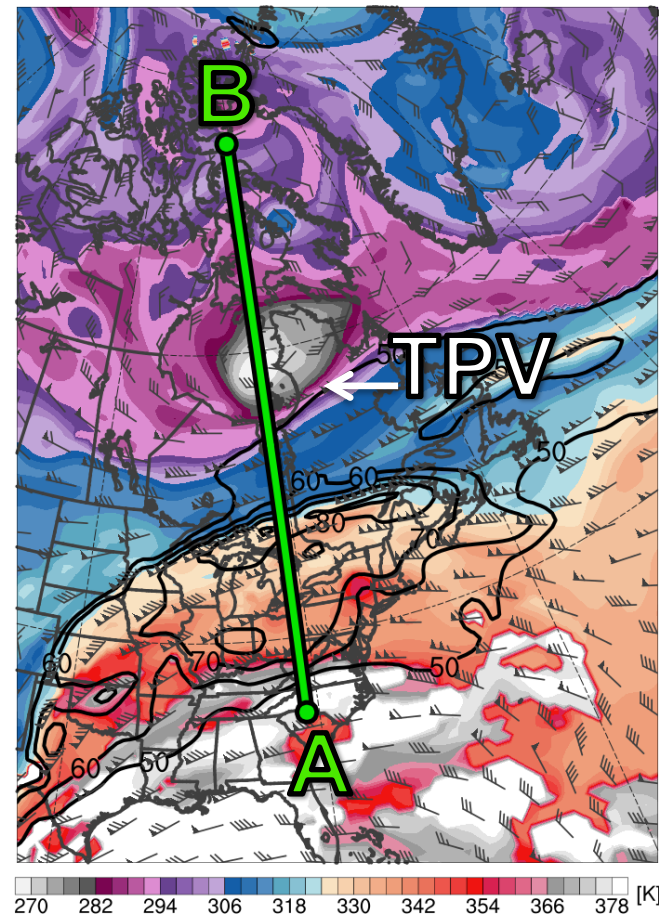
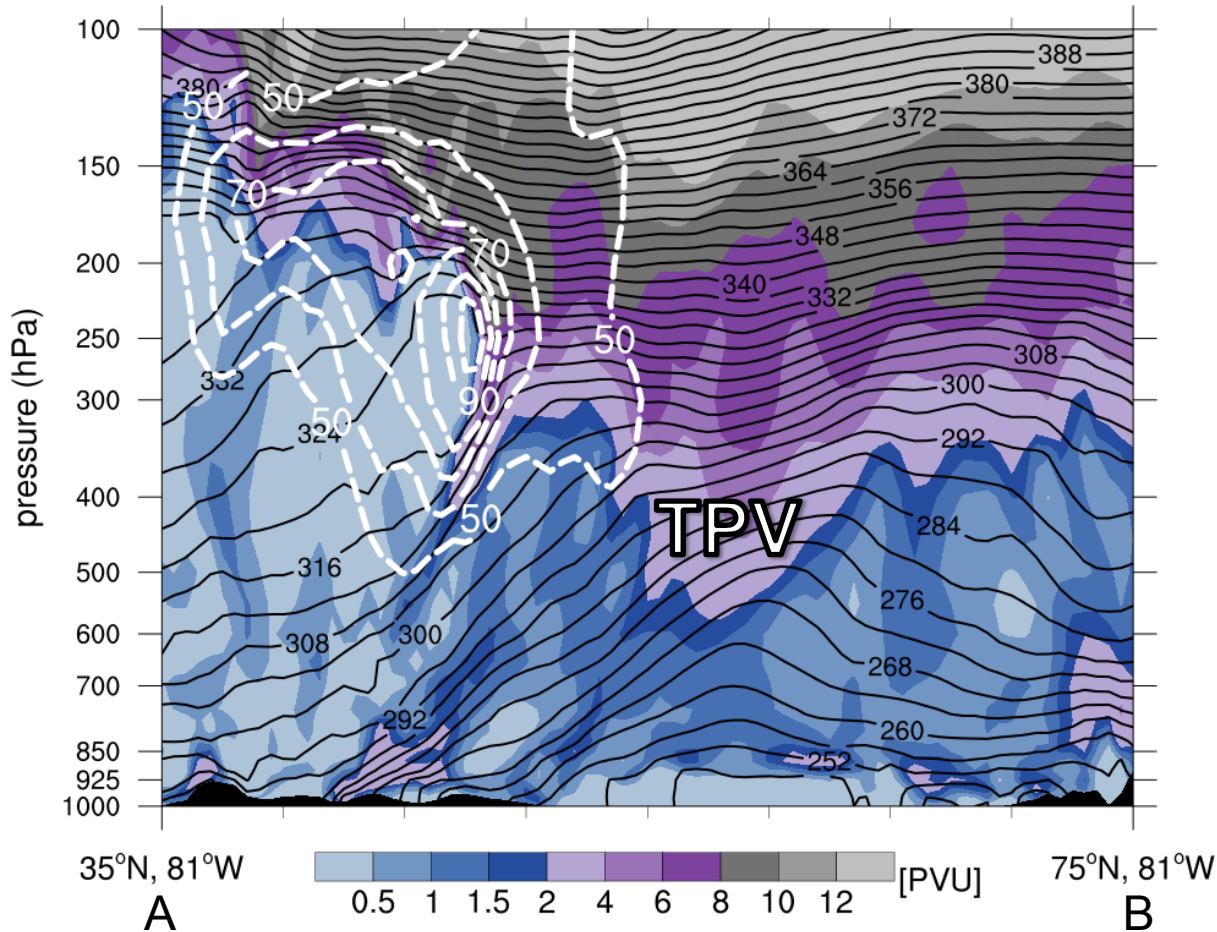


# PV Wall Formation

1200 UTC 21 Dec 2013

Data Source: CFSR



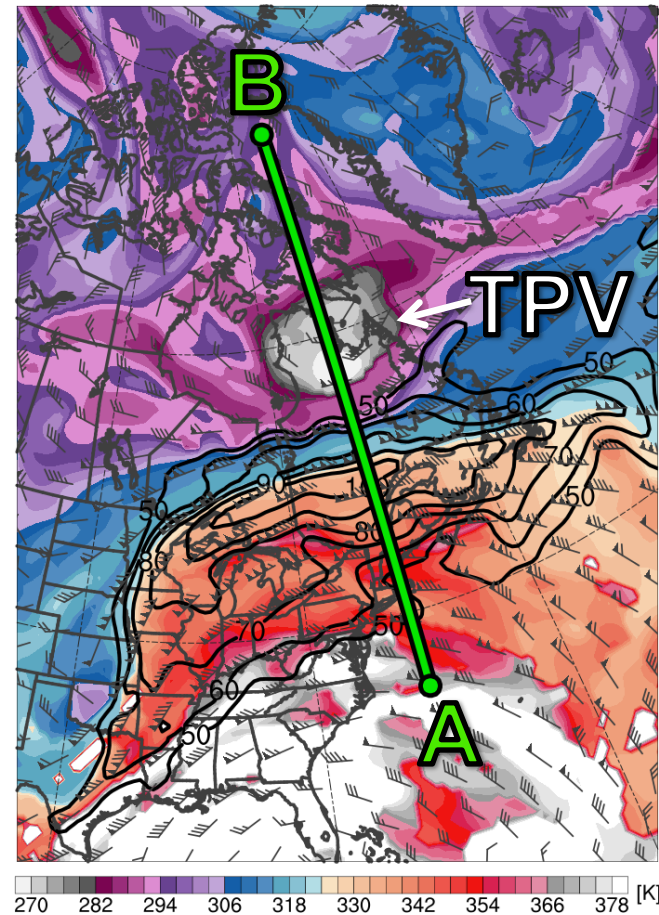
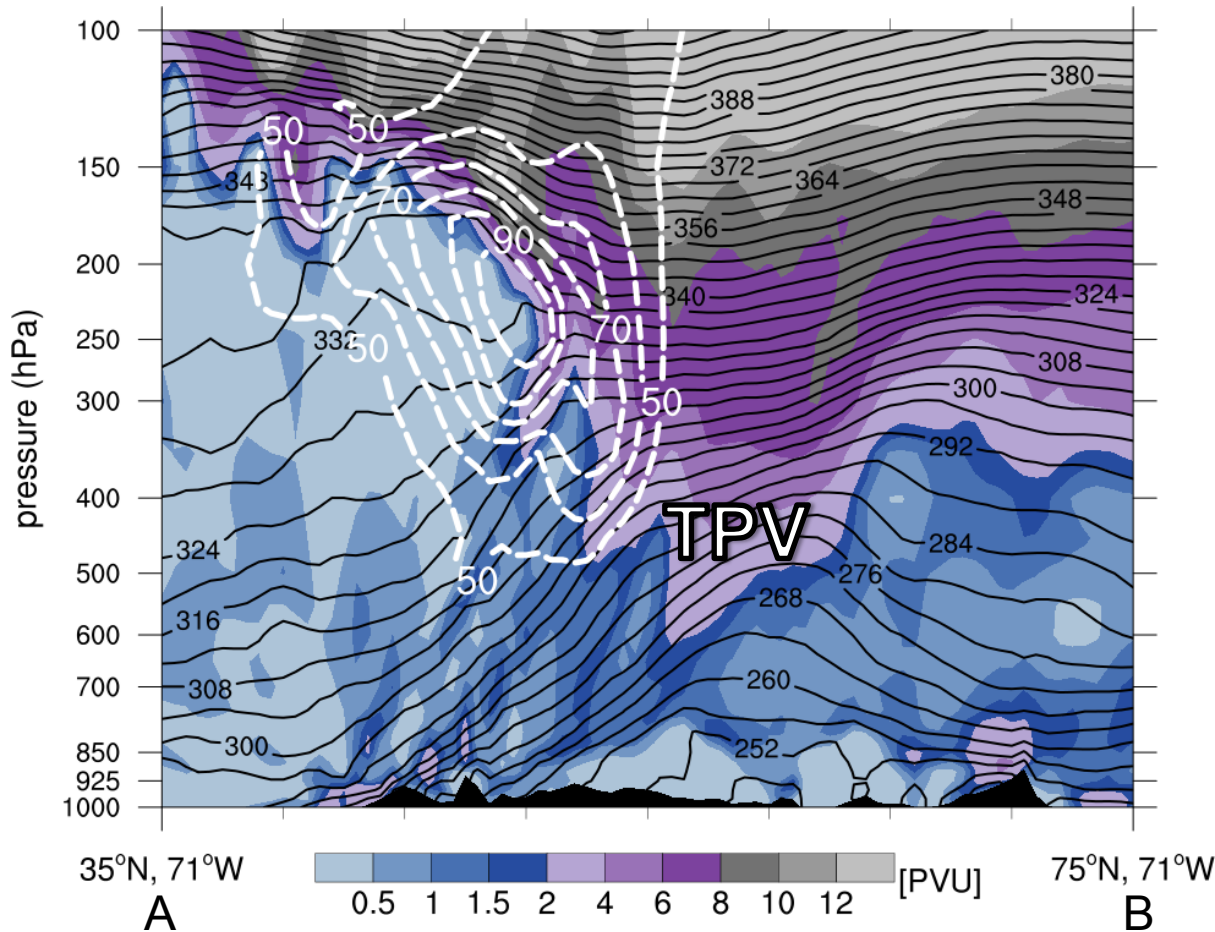
Potential vorticity (PVU, shaded),  
wind speed (white, every 10 m s<sup>-1</sup> starting at 50 m s<sup>-1</sup>),  
and potential temperature (K, black)

Potential temperature  
(K, shaded), wind speed (black,  
every 10 m s<sup>-1</sup> starting at  
50 m s<sup>-1</sup>), and wind (m s<sup>-1</sup>,  
barbs) on 2-PVU surface

# PV Wall Formation

0000 UTC 22 Dec 2013

Data Source: CFSR



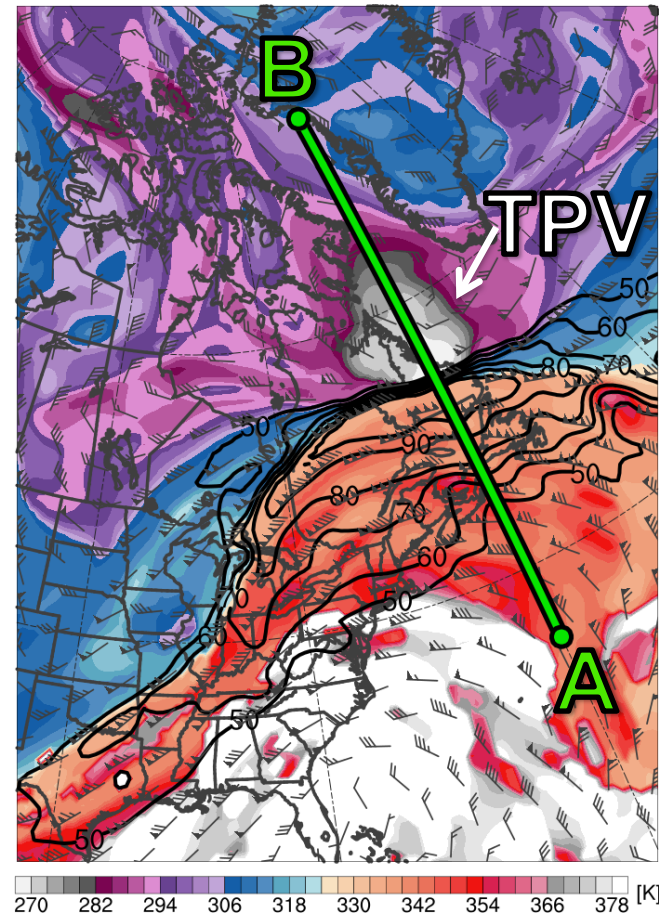
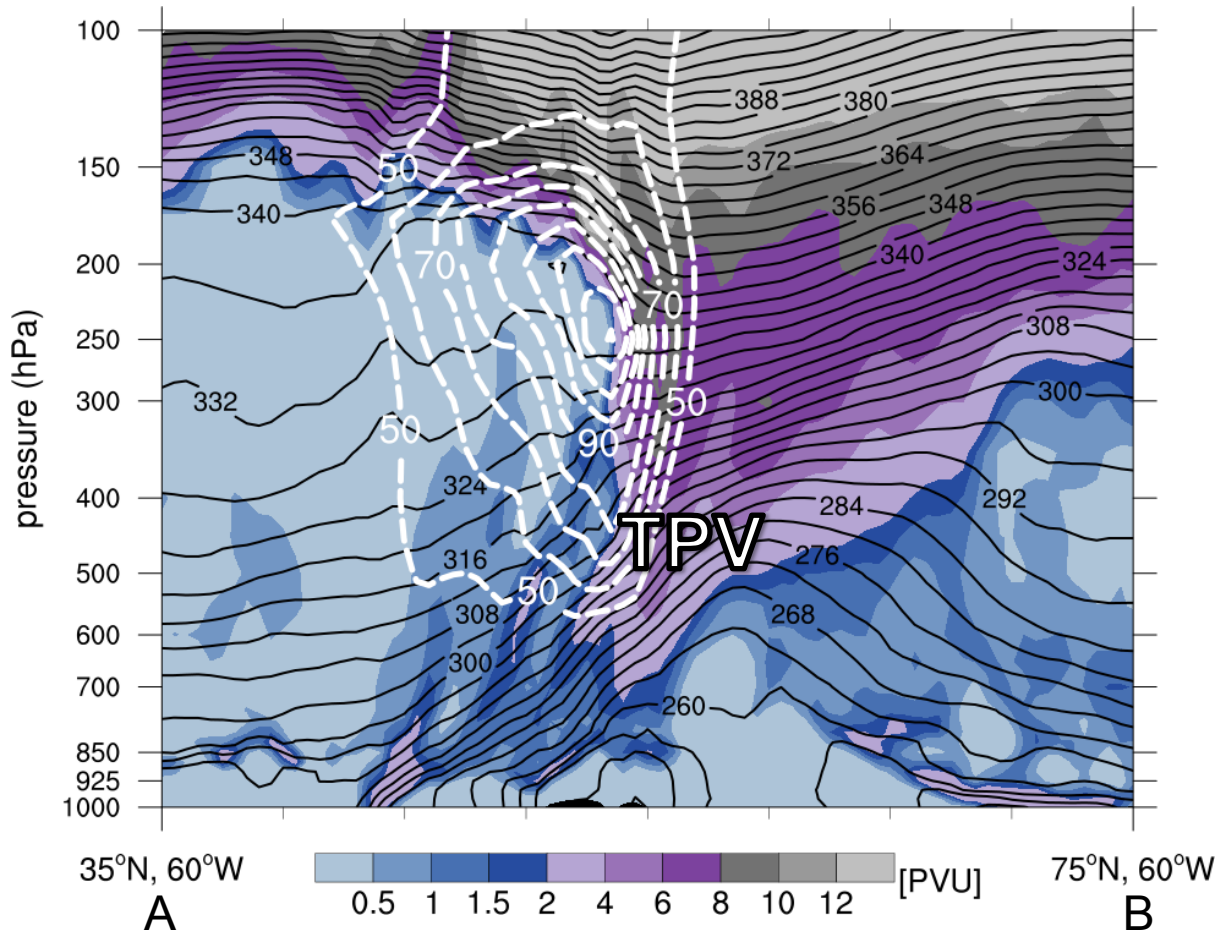
Potential vorticity (PVU, shaded),  
wind speed (white, every  $10 \text{ m s}^{-1}$  starting at  $50 \text{ m s}^{-1}$ ),  
and potential temperature (K, black)

Potential temperature  
(K, shaded), wind speed (black,  
every  $10 \text{ m s}^{-1}$  starting at  
 $50 \text{ m s}^{-1}$ ), and wind ( $\text{m s}^{-1}$ ,  
barbs) on 2-PVU surface

# PV Wall Formation

1200 UTC 22 Dec 2013

Data Source: CFSR



Potential vorticity (PVU, shaded),  
wind speed (white, every 10 m s<sup>-1</sup> starting at 50 m s<sup>-1</sup>),  
and potential temperature (K, black)

Potential temperature  
(K, shaded), wind speed (black,  
every 10 m s<sup>-1</sup> starting at  
50 m s<sup>-1</sup>), and wind (m s<sup>-1</sup>,  
barbs) on 2-PVU surface