

SCA 5622
Météorologie synoptique et laboratoire de météo

Le vecteur- \vec{Q}

Le lundi 31 mars 2014
UQÀM

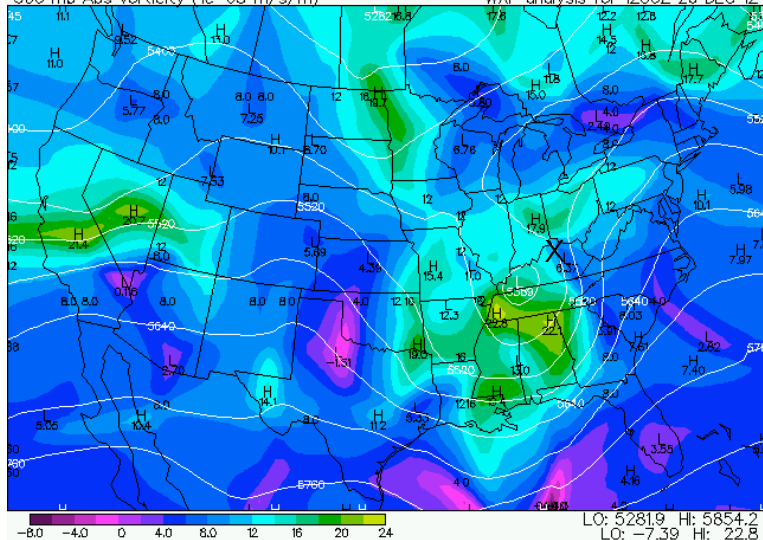
Déterminer le sens du mouvement vertical de l'air au point X

500 hPa : 1200 UTC 26 dec 2012

Plymouth State Weather Center

500 mb Geopotential Height (m)
500 mb Abs vorticity ($1e-05$ m/s/m)

WXP analysis for 1200Z 26 DEC 12
WXP analysis for 1200Z 26 DEC 12



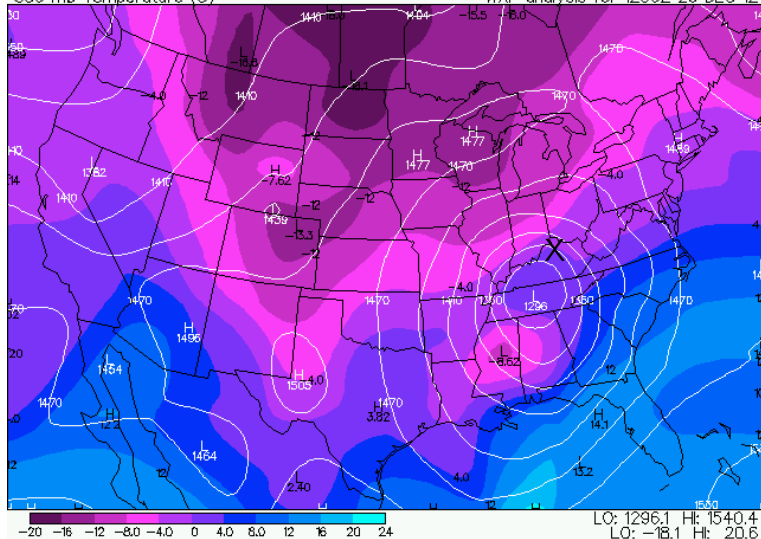
Plymouth State Weather Center

850 mb Geopotential Height (m)

WXP analysis for 1200Z 26 DEC 12

850 mb Temperature (C)

WXP analysis for 1200Z 26 DEC 12

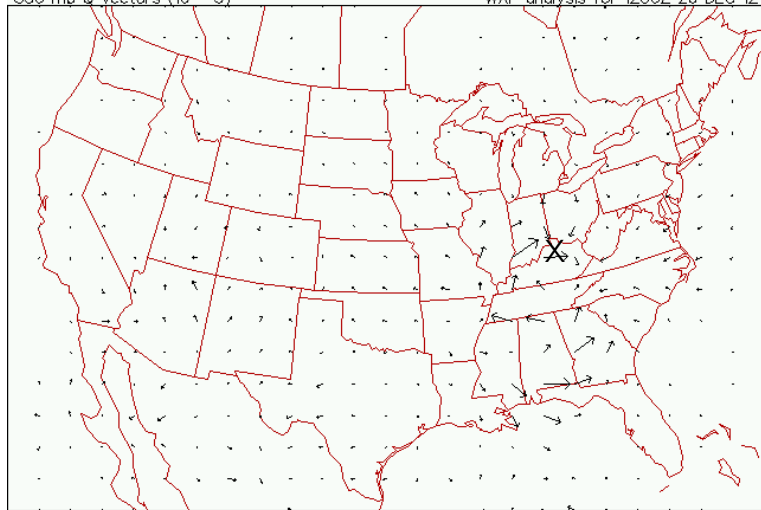


Réponse

▼ Plymouth State Weather Center ▼

850 mb Q vectors (10^{-3})

WXP analysis for 1200Z 26 DEC 12



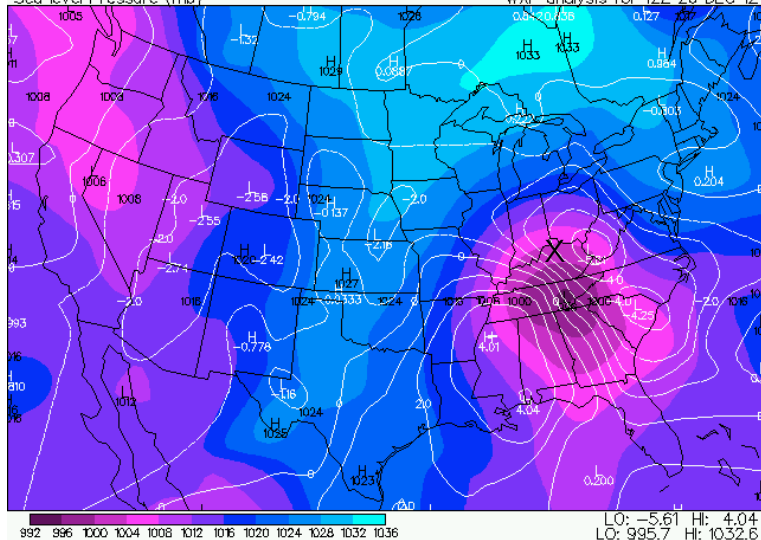
MAX: 67.0

Niveau de la mer : 1200 UTC 26 dec 2012

Plymouth State Weather Center

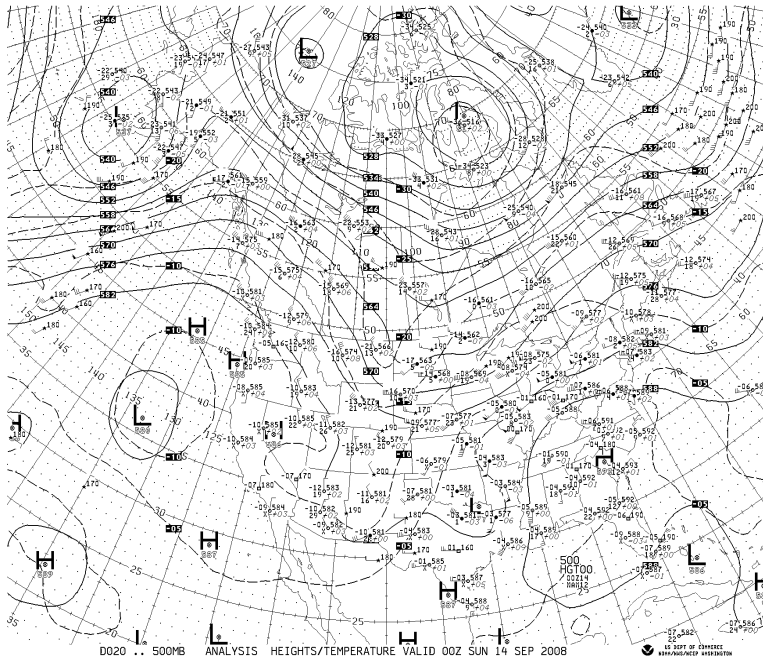
Surface Pressure tendency (mb)
Sea level Pressure (mb)

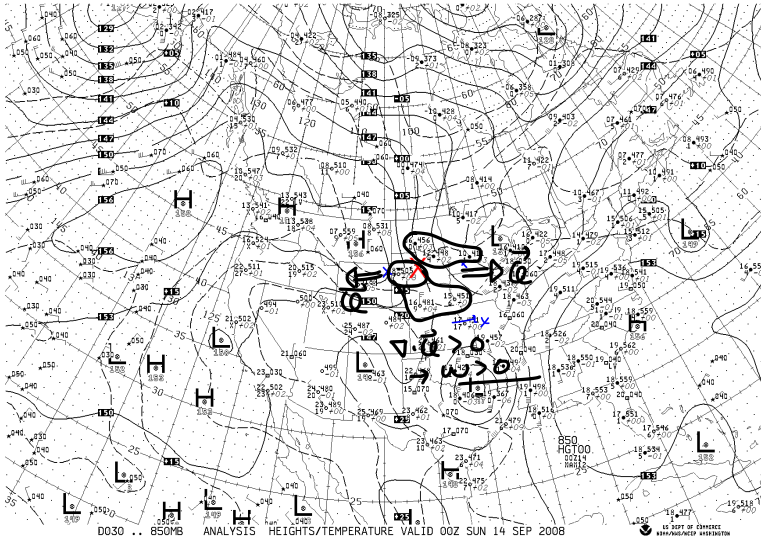
WXP analysis for 12Z 26 DEC 12
WXP analysis for 12Z 26 DEC 12



Exercice

Déterminer le sens du mouvement vertical de l'air au point X :



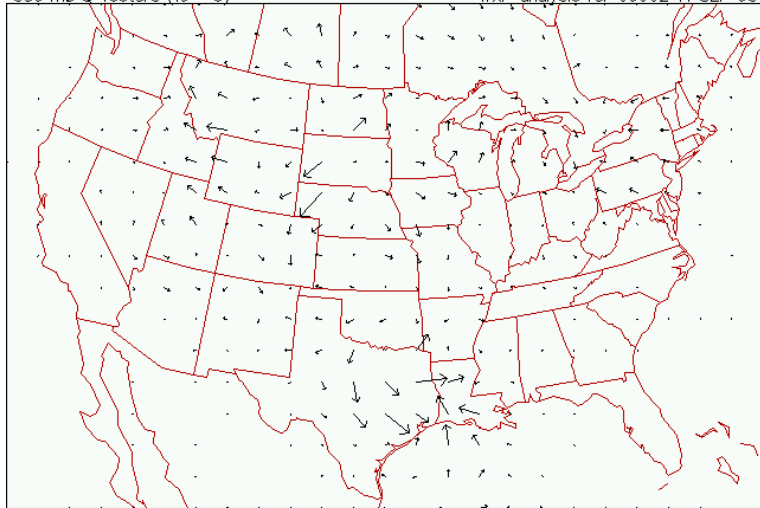


Réponse

▼ Plymouth State Weather Center ▼

850 mb Q vectors (10^{-3})

WXP analysis for 0000Z 14 SEP 08



MAX: 20.6