

SCA 5622
Météorologie synoptique et laboratoire de météo

Le vecteur- $\vec{Q}$

Le lundi 31 mars 2014
UQAM

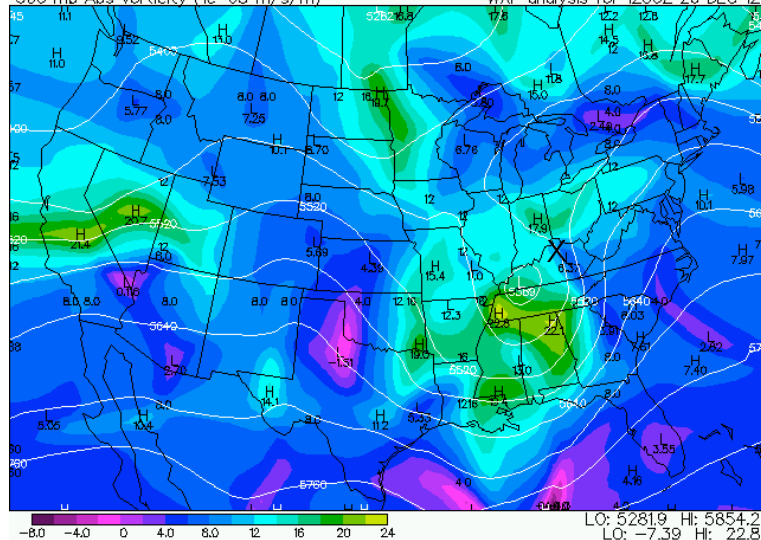
Déterminer le sens du mouvement vertical de l'air au point X

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



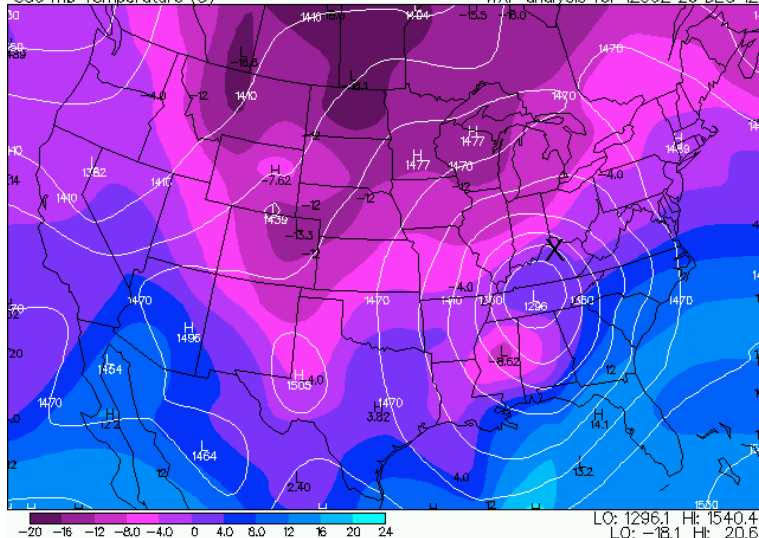
Plymouth State Weather Center

850 mb Geopotential Height (m)

850 mb Temperature (C)

WXP analysis for 1200Z 26 DEC 12

WXP analysis for 1200Z 26 DEC 12

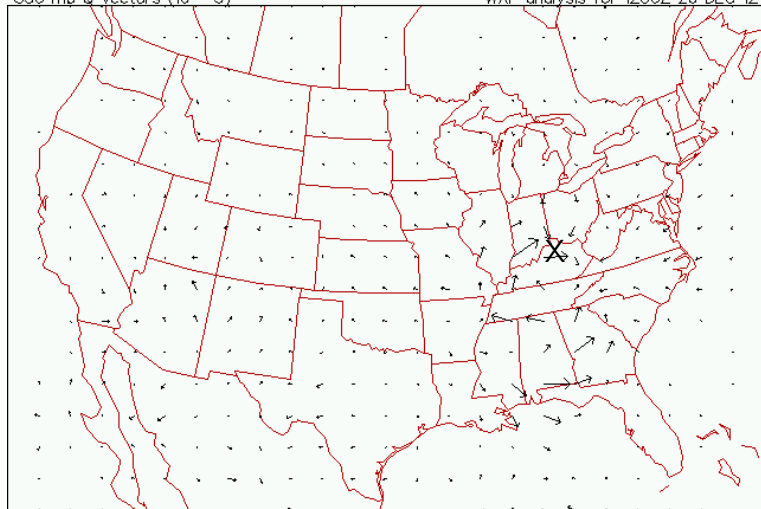


Réponse

▼ 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

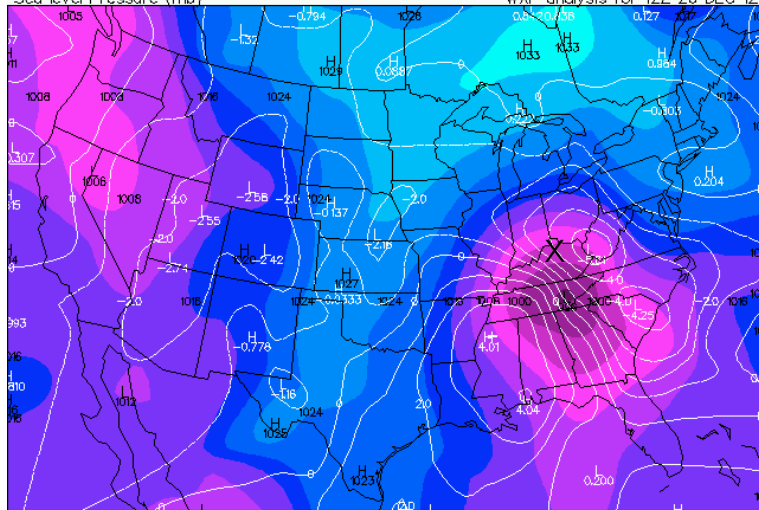
▼ Plymouth State Weather Center ▼

Surface Pressure tendency (mb)

Sea level Pressure (mb)

WXP analysis for 12Z 26 DEC 12

WXP analysis for 12Z 26 DEC 12

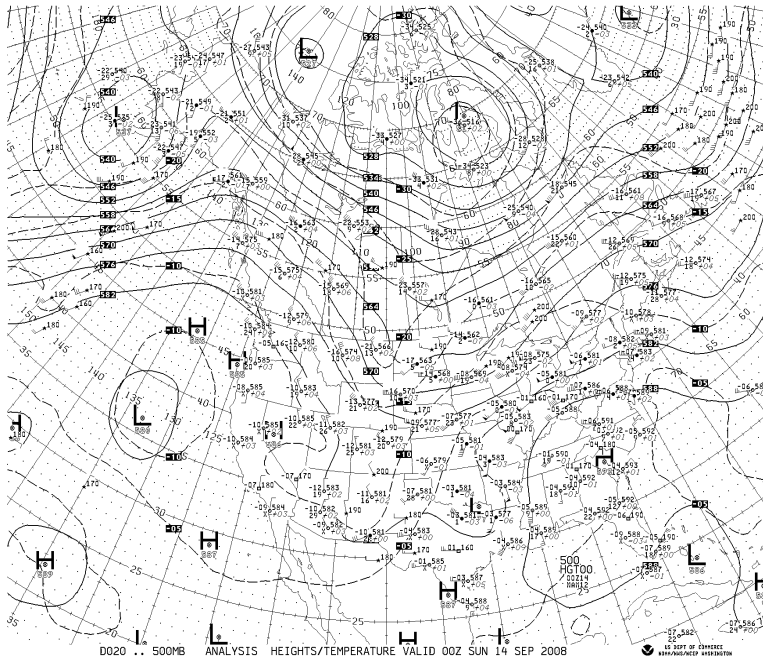


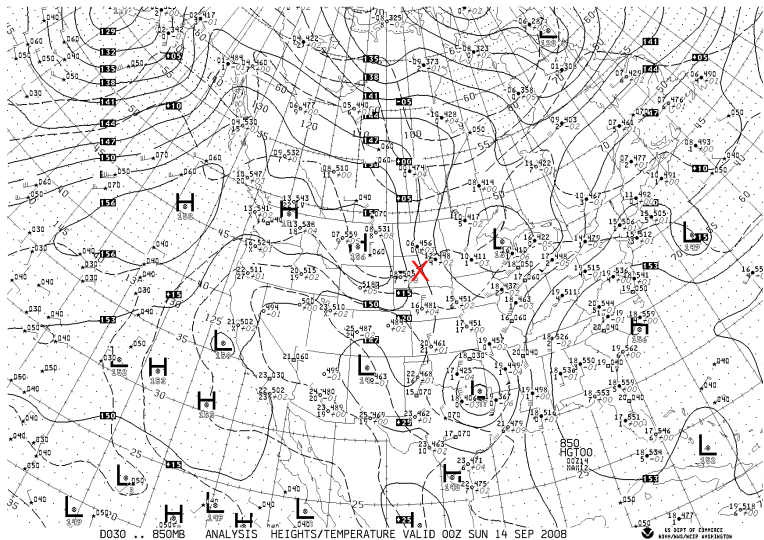
992 996 1000 1004 1008 1012 1016 1020 1024 1028 1032 1036

LO: -5.61 HI: 4.04
LO: 995.7 HI: 1032.6

Exercice

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



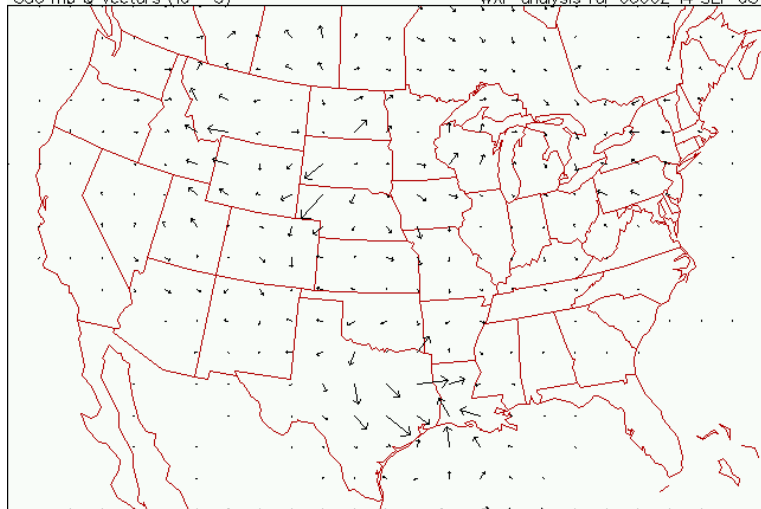


Réponse

▼ Plymouth State Weather Center ▼

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

WXP analysis for 0000Z 14 SEP 08



MAX: 20.6