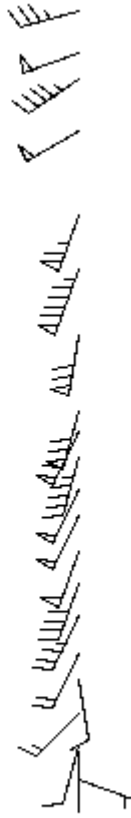
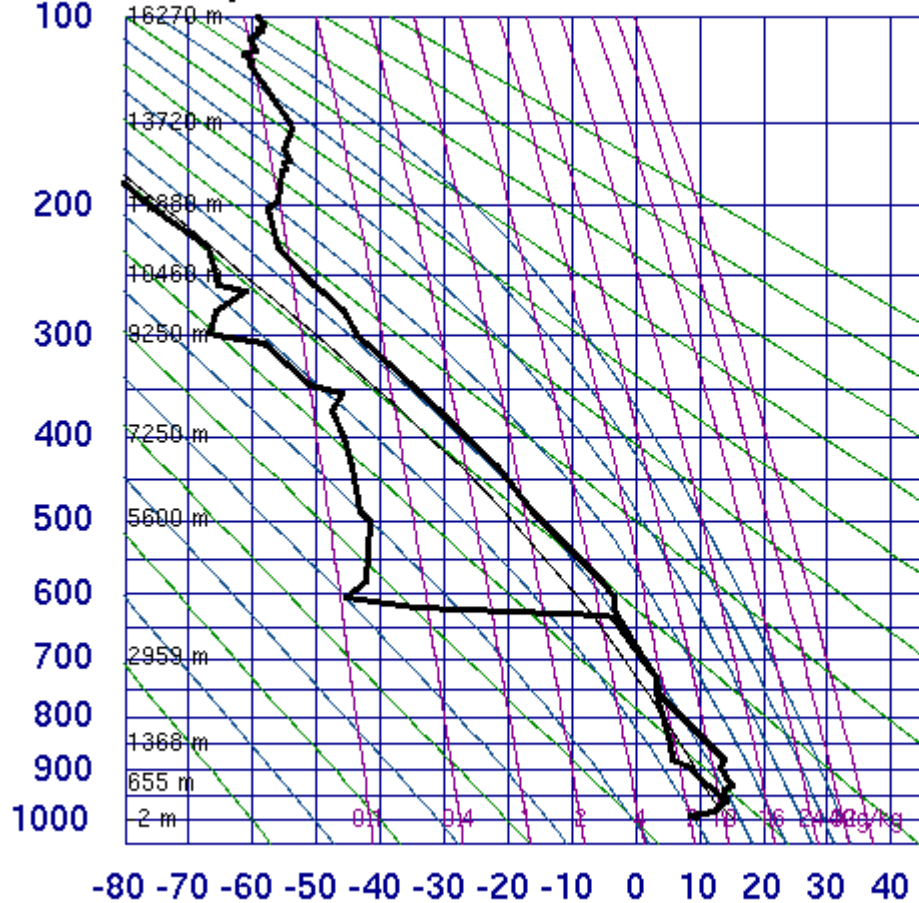


Name _____

Date: / /

72501 OKX Upton



SLAT	40.87
SLON	-72.86
SELV	20.00
SHOW	2.94
LIFT	4.56
LFTV	4.33
SWET	134.7
KINX	31.30
CTOT	20.10
VTOT	26.10
TOTL	46.20
CAPE	0.00
CAPV	0.00
CINS	0.00
CINV	0.00
EQLV	-9999
EQTV	-9999
LFCT	-9999
LFCV	-9999
BRCH	0.00
BRCV	0.00
LCLT	285.4
LCLP	962.5
MLTH	288.5
MLMR	9.47
THCK	5602
PWAT	26.97

12Z 30 Mar 2014 University of Wyoming

What city is this sounding valid for? _____

What is the local time and date that this sounding is valid for? _____

At what altitude is the tropopause located? _____

At what altitude is a temperature inversion found? _____

Above what altitude is 70% of the atmosphere located? _____

About how thick are the clouds at this location? _____

What is the general wind direction found above this location? _____

What is the rate of temperature change (environmental lapse rate) from the 700mb to the 300mb. level? _____

Based on this sounding what is the current weather for this location? _____