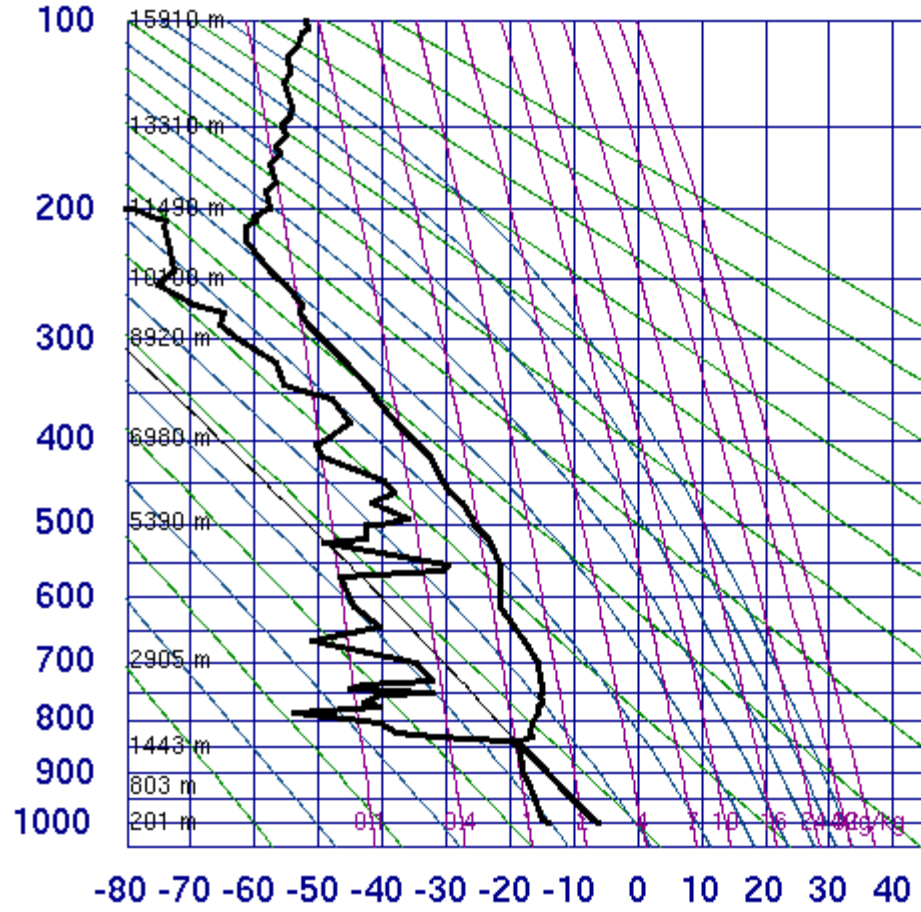


Name _____

Date: / /

72528 BUF Buffalo Int



SLAT	42.93
SLON	-78.73
SELV	215.0
SHOW	26.23
LIFT	26.25
LFTV	26.28
SWET	110.9
KINX	-30.4
CTOT	6.70
VTOT	7.40
TOTL	14.10
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	256.1
LCLP	867.1
MLTH	266.7
MLMR	1.17
THCK	5189.
PWAT	2.84

00Z 27 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? _____
- Above what altitude is 60% of the atmosphere located? _____
- Below what altitude is 90% of the atmosphere located? _____
- At what altitudes are clouds most likely located? _____
- What is the general wind direction found above this location? _____
- What is the rate of temperature change (environmental lapse rate) from the surface to the 400mb. level? _____
- Based on this sounding what is the current weather for this location? _____