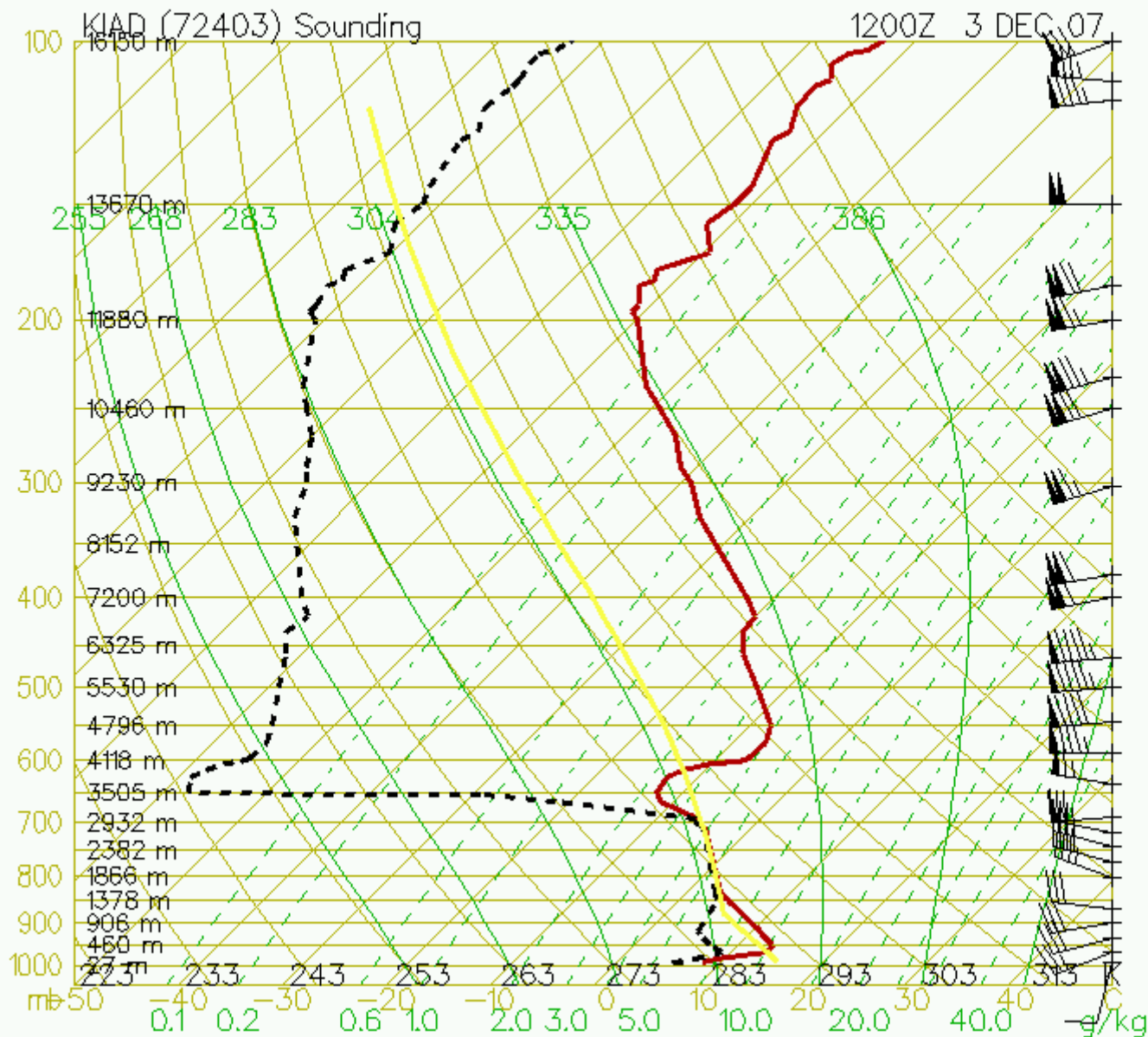


Two Skew-T log(p) scenarios

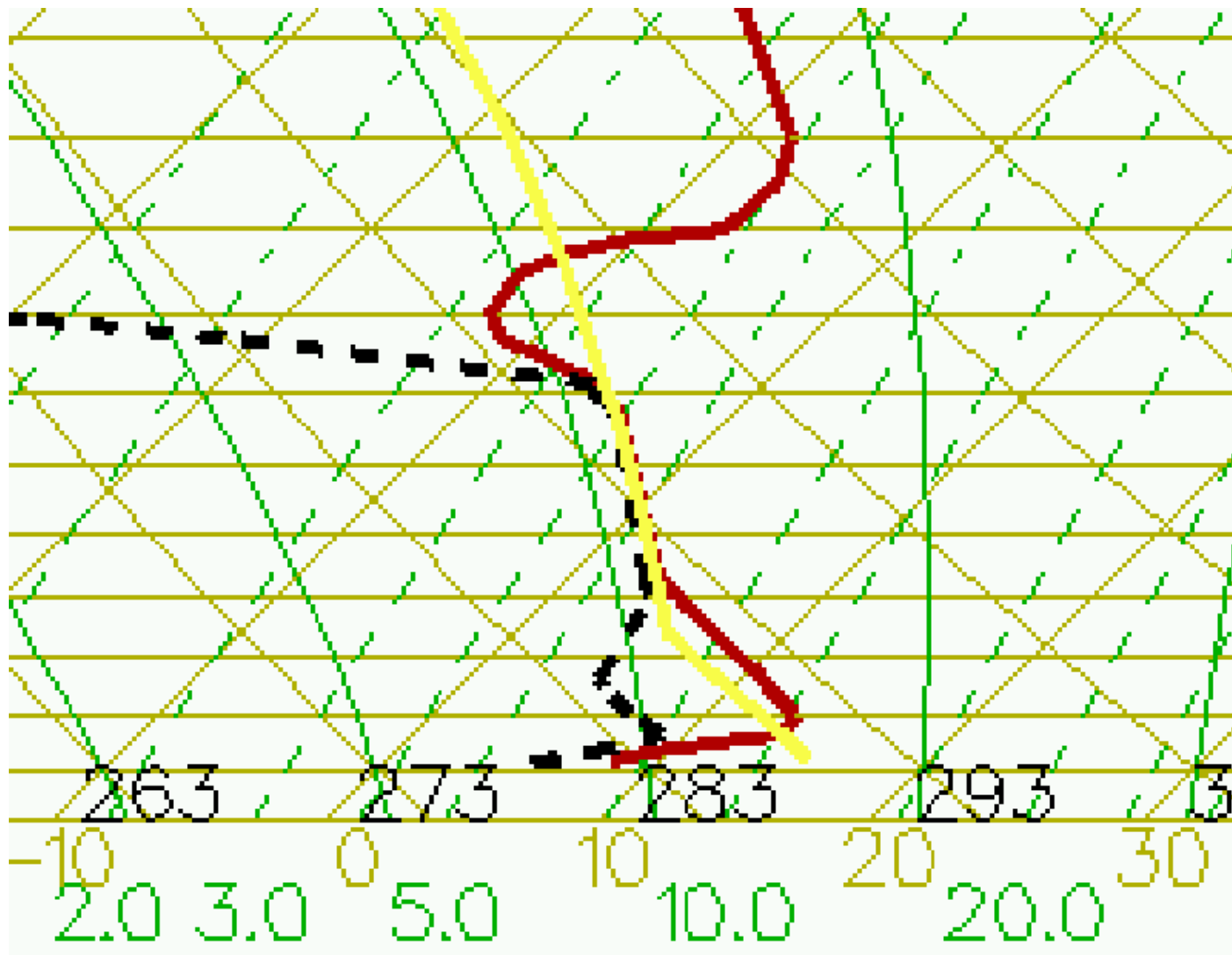
- Detecting icing conditions
- Low-level inversions

Plymouth State Weather Center

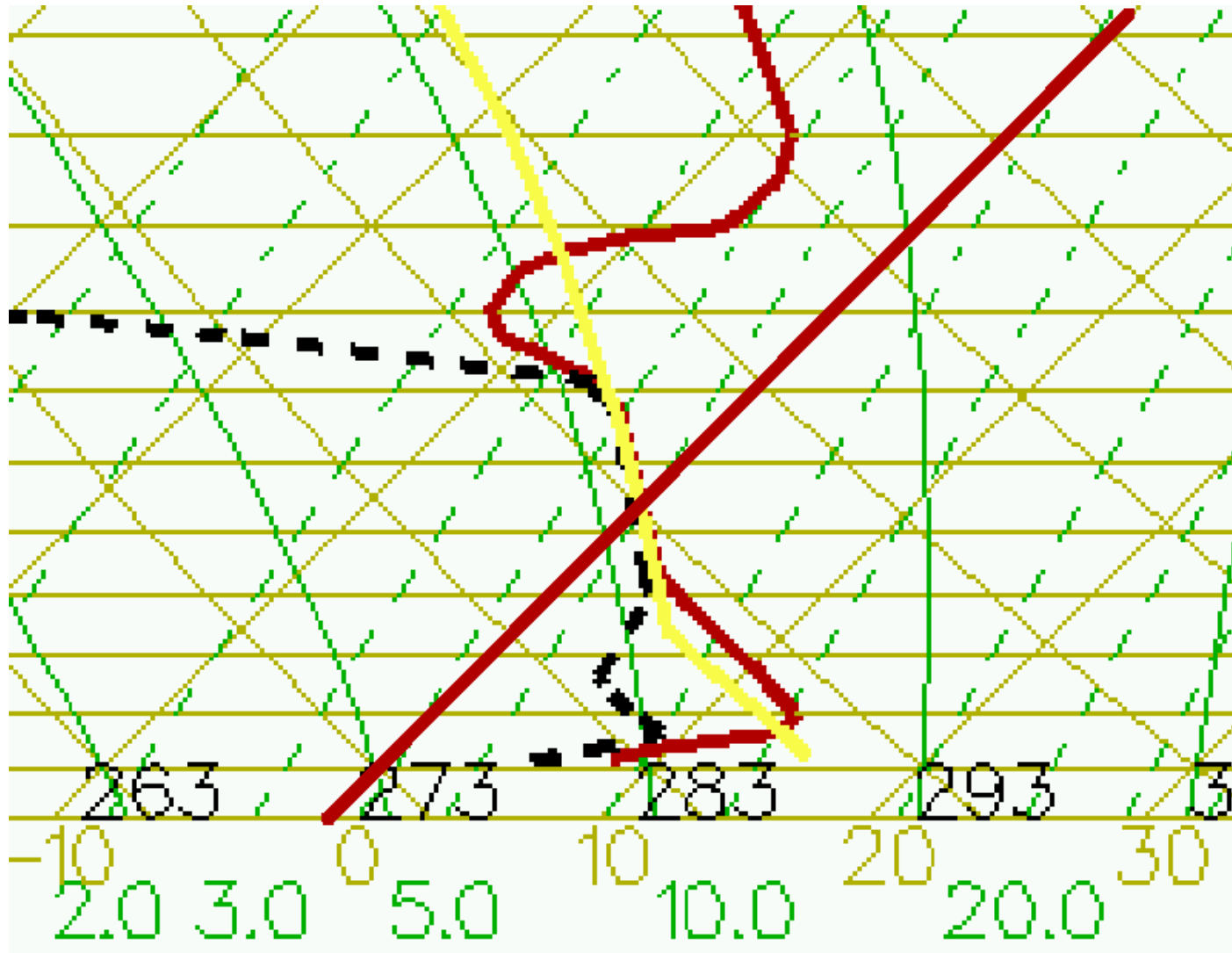


WMO:72403
 TP:184
 FRZ:780
 WBO:783
 PW:0.69
 RH:51.8
 MAXT:17.5
 TH:5503
 L57:2.8
 LCL:963
 LI:10.9
 SI:10.6
 TT:34
 KI:21
 SW:209
 EI:1.9
 -PARCEL-
 CAPE:111
 CINH:58
 LCL:875
 CAP:10.8
 LFC:710
 EL:610
 MPL:570
 -WIND-
 STM:300/44
 HEL:373
 SHR+:0.0
 SRDS:86
 EHI:0.2
 BRN:0.6
 BSHR:19

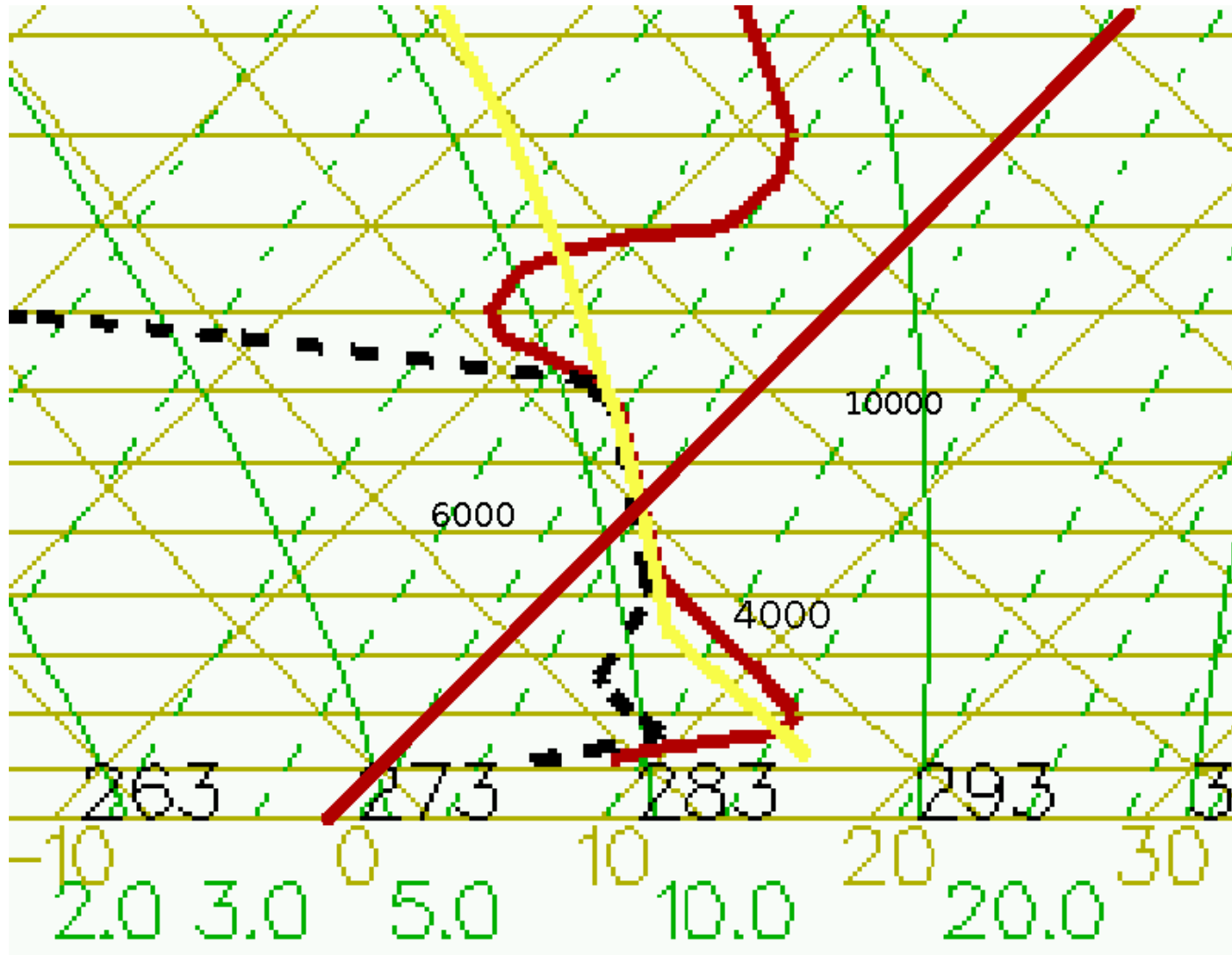
Zoom In



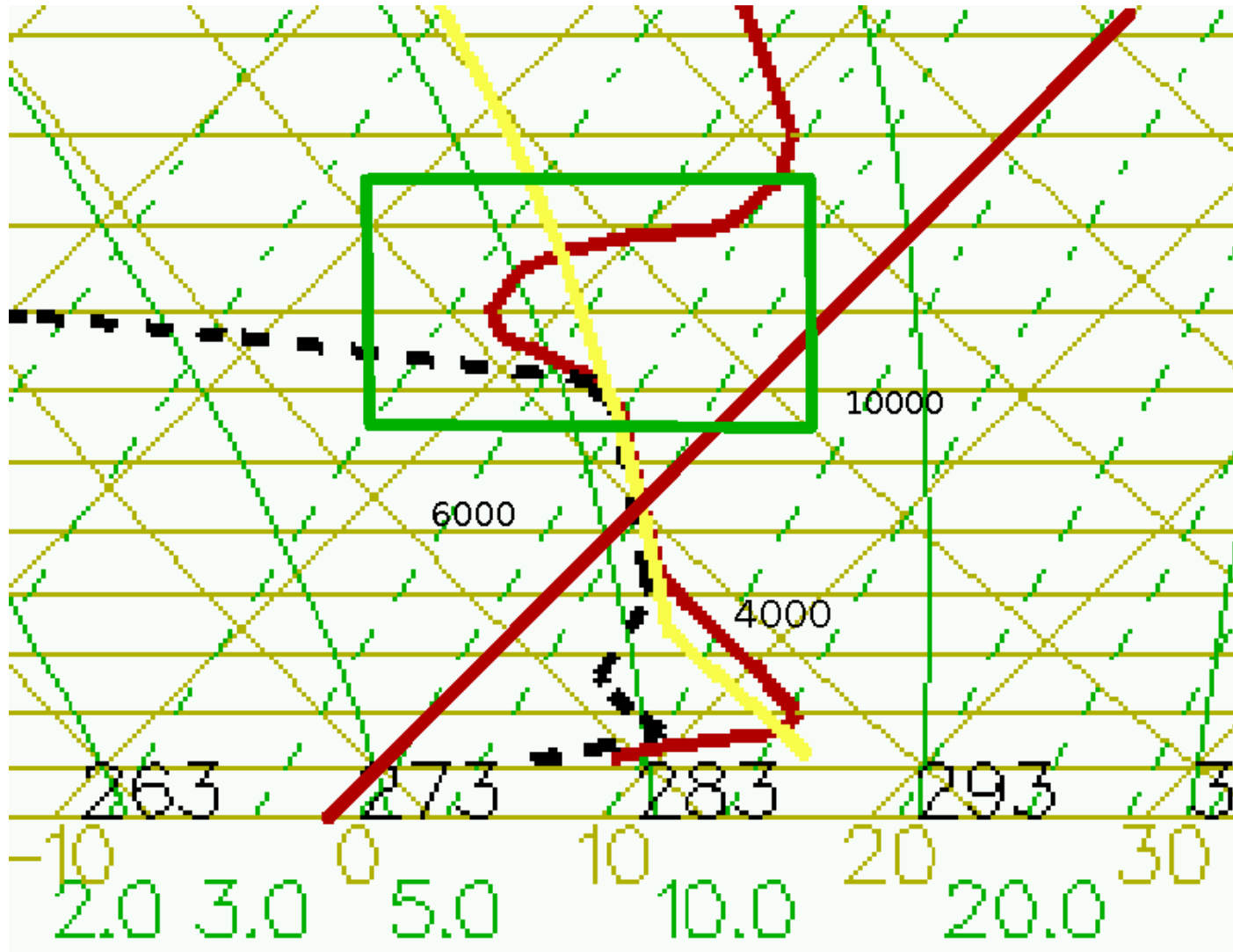
Zero Degree Line



Saturated Layer, Freezing Level



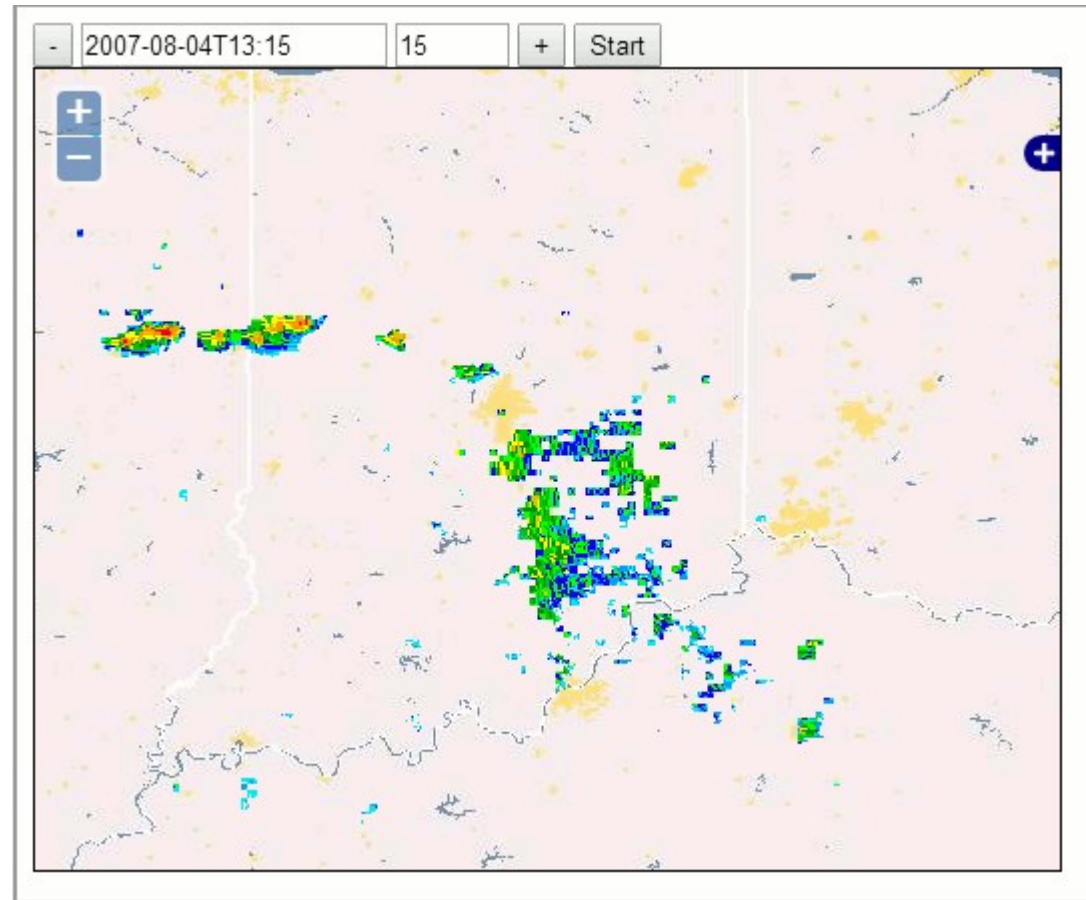
Super-adiabatic Lapse Rate



Plymouth State Weather Center

WMO:72425
TP:143
FRZ:592
WBO:706
PW:110
RH:35.9
MAXT:30.9
TH:5736
L57:6.4
LCL:943
LI:0.1
SL:-1.7
TT:49
KI:18
SW:191
EI:-3.1
-PARCEL-
CAPE:32
CINH:51778
LCL:812
CAP:3.5
LFC:-1
-WIND-
STM:320/8
HEL:20
SHR+0.0
SRDS:118
EHI:0.0
BRN:2.6
BSHR:5

RADAR Shows Anomalous Propagation



Sources

- Skew-T plots from:
<https://vortex.plymouth.edu/myo/upa/raobplt-a.html>
- RADAR archive pictures from:
http://mesonet.agron.iastate.edu/docs/nexrad_composites/
- Skew-T course Pilot Workshop:
<https://pilotworkshop.com/training/mastering-the-skew-t-diagram/>