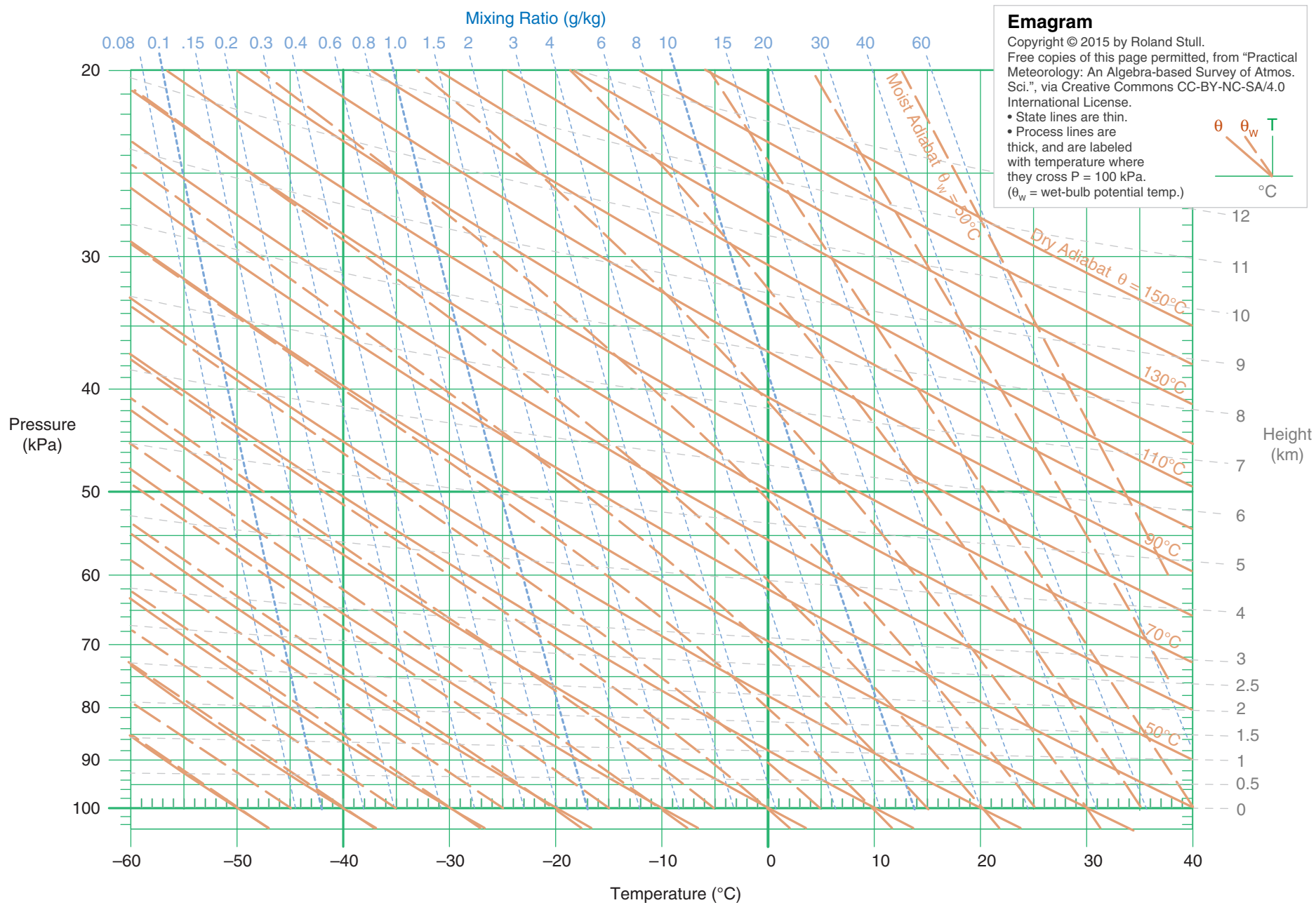
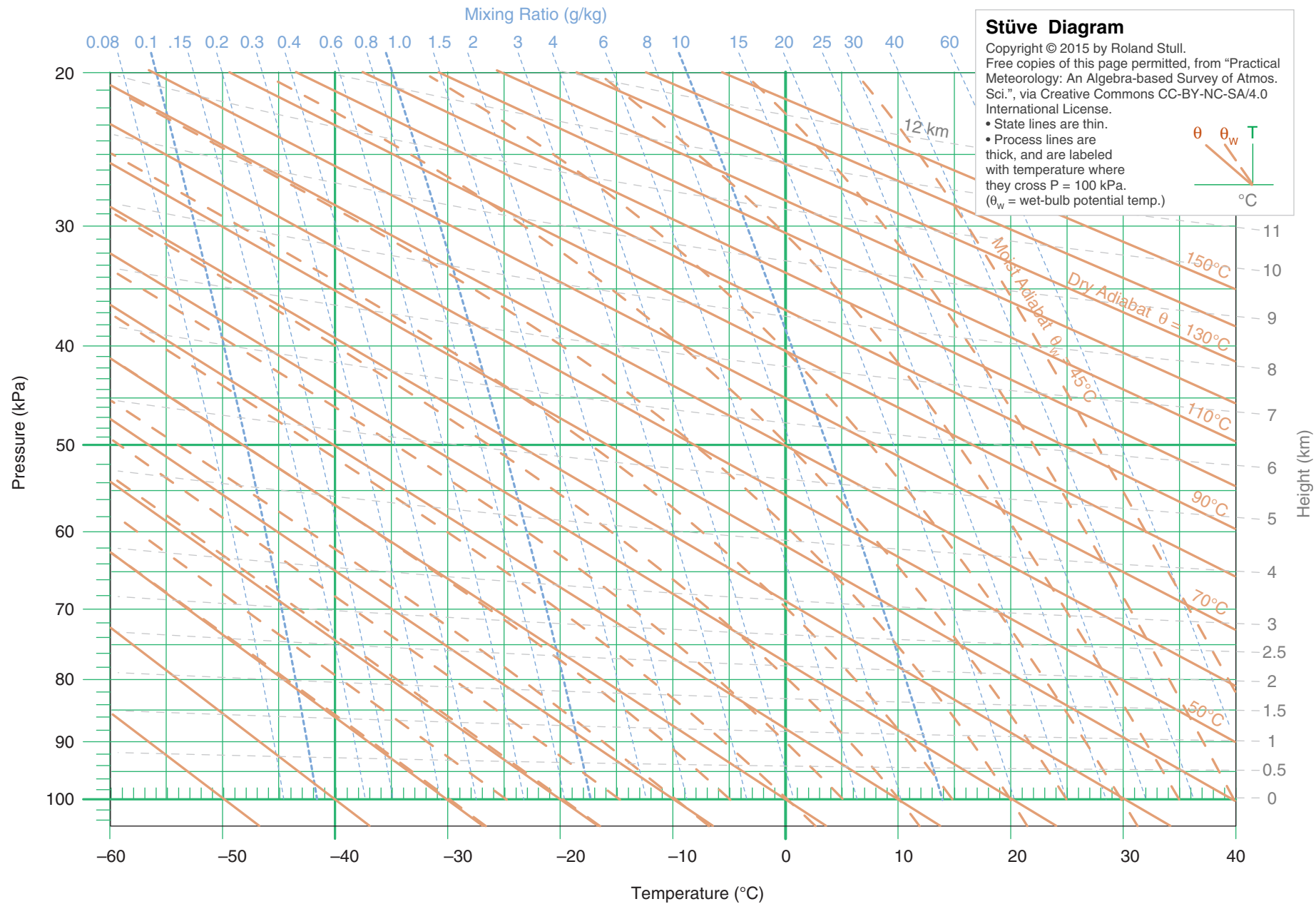
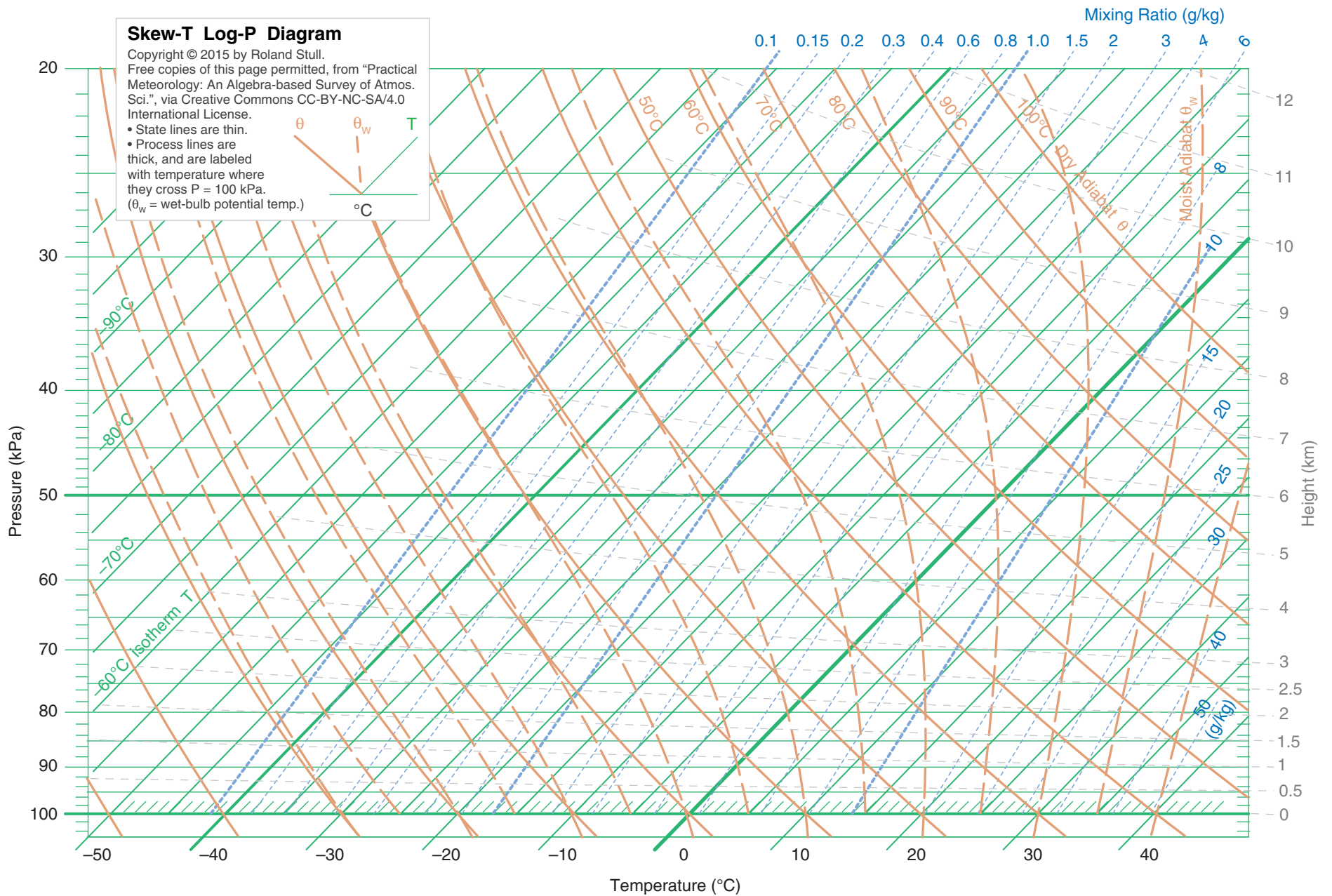




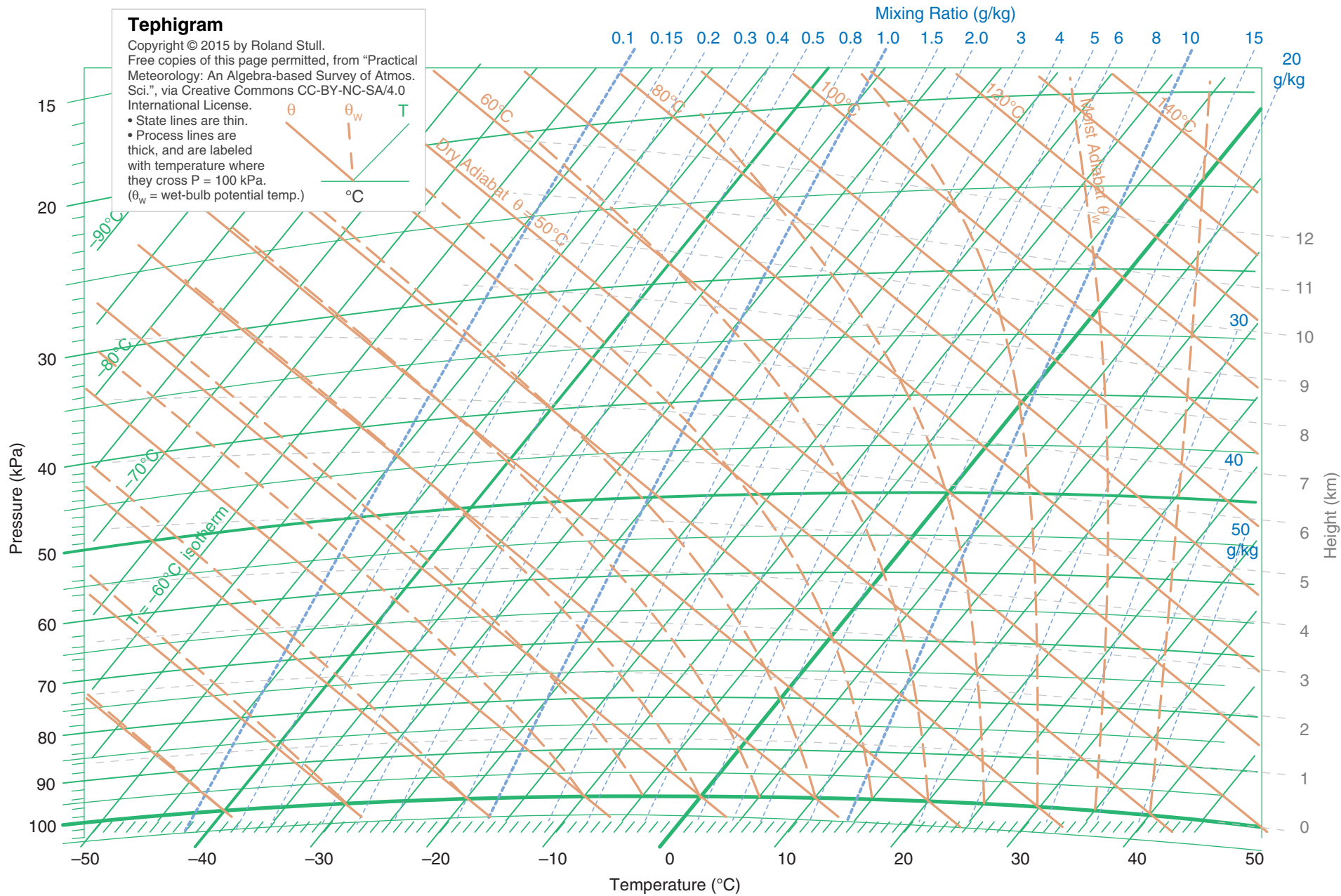
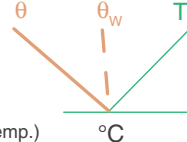




## Tephigram

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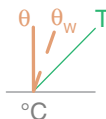
- State lines are thin.
  - Process lines are thick, and are labeled with temperature where they cross  $P = 100$  kPa.
- ( $\theta_w$  = wet-bulb potential temp.)



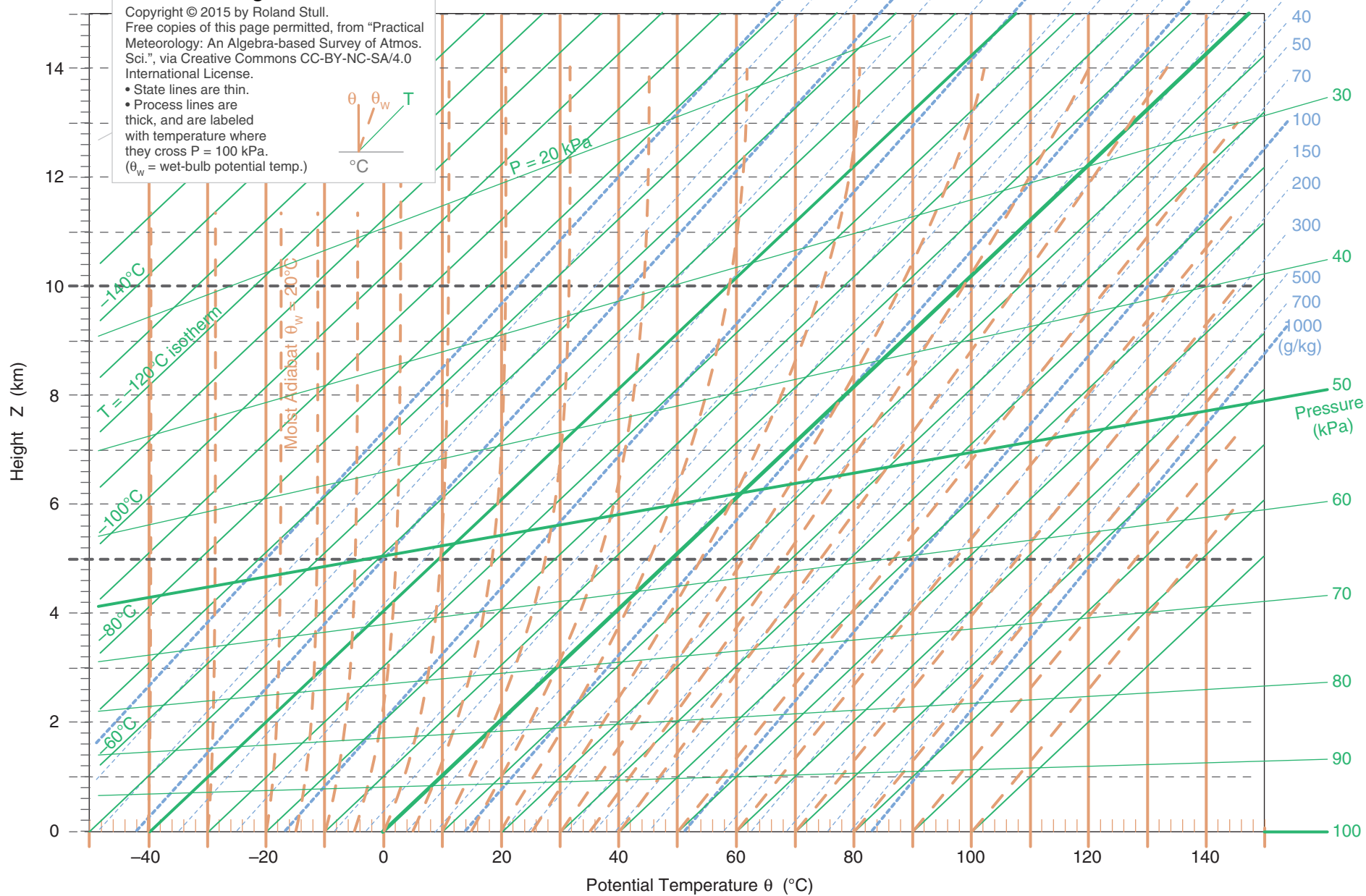
## Theta - Z Diagram

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- State lines are thin.
  - Process lines are thick, and are labeled with temperature where they cross  $P = 100$  kPa.
- ( $\theta_w$  = wet-bulb potential temp.)



Mixing Ratio (g/kg) = 0.01 0.02 0.05 0.1 0.2 0.5 1.0 2 3 5 7 10 15 20 30



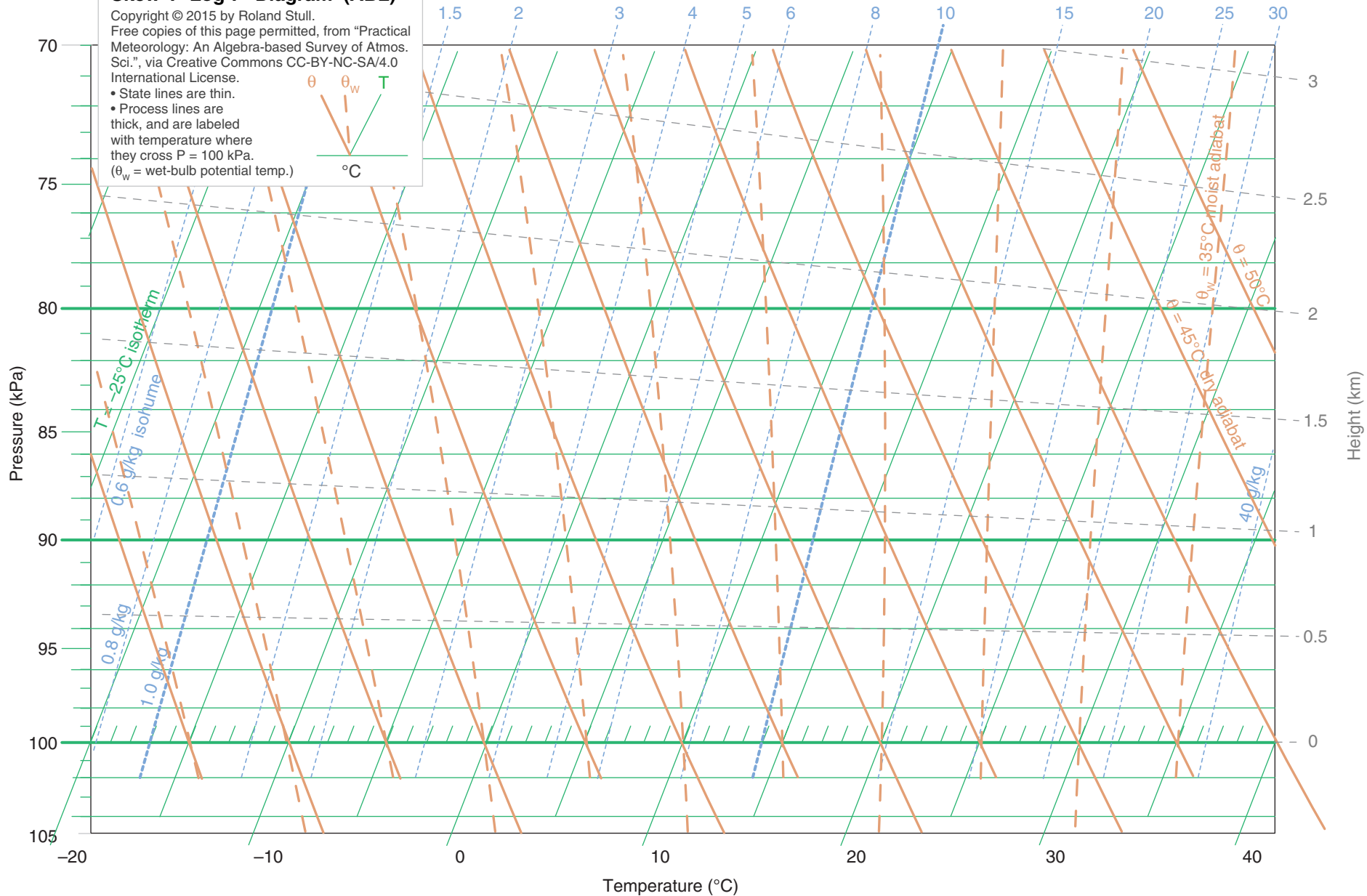
# Skew-T Log-P Diagram (ABL)

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- State lines are thin.
- Process lines are thick, and are labeled  
with temperature where  
they cross  $P = 100$  kPa.  
( $\theta_w$  = wet-bulb potential temp.)

$\theta$   $\theta_w$   $T$   
°C

Mixing ratio (g/kg)



### Theta - Z Diagram (ABL)

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- State lines are thin.
- Process lines are thick, and are labeled with temperature where they cross  $P = 100$  kPa. ( $\theta_w$  = wet-bulb potential temp.)

$\theta$   
 $\theta_w$   
 $T$   
 $^{\circ}\text{C}$

