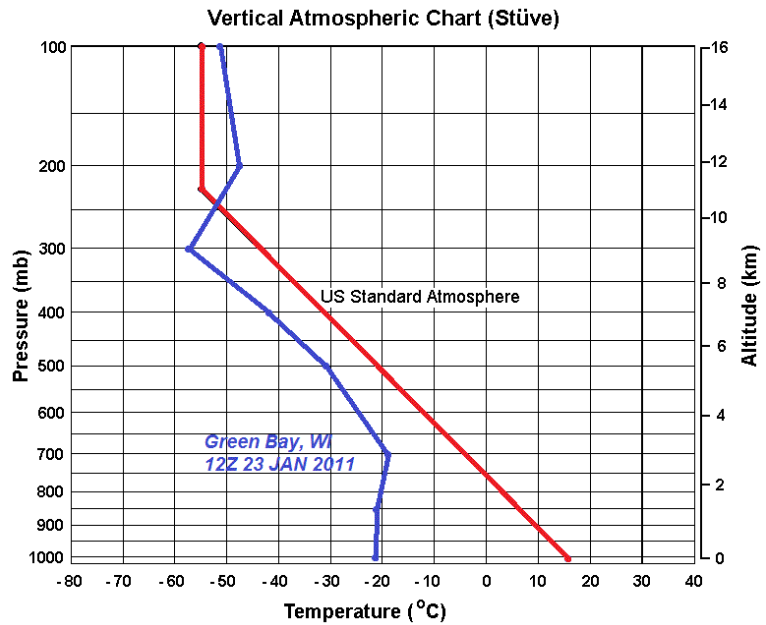


AMS Peer Training Module

Atmosphere Aloft

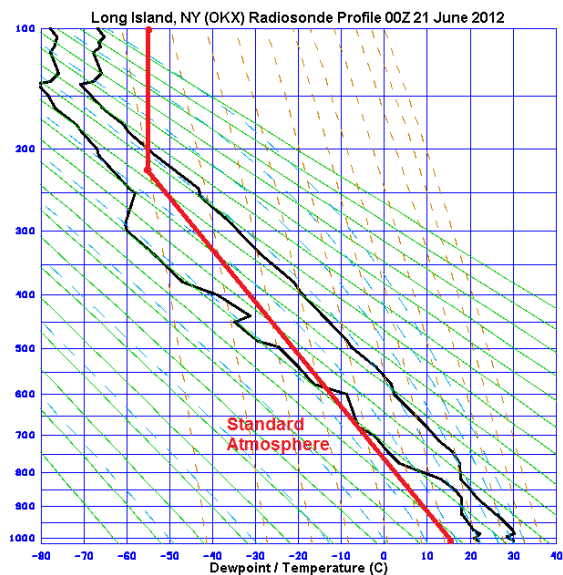
Activity: The Atmosphere in the Vertical

1. +40 °C, 100 mb, 16 km
2. *see to right*
3. troposphere, stratosphere
4. $6.5 \text{ C}^\circ/\text{km} [(+15) - (-56.5) \div 11] = [-71.5 \div 11]$
5. 2 km, 4 km
6. 5.5 km
7. 5.5 km, 16 km
- 8.
9. colder
10. 300 km, 9 km
11. less
12. colder
13. decreases



Real World Applications

1. warmer
2. ~140 mb, greater



Atmosphere Aloft

Activity: Upper Air Weather Maps

1. *no answer needed*
2. *no answer needed*
3. *no answer needed*
4. *lowest: 545 dm (5450 m), highest: 587 dm (5870 m)*
5. lower
6. lower, Low
7. trough, ridge
8. cold, warm, colder
9. decrease
10. increases, rises
11. parallel

Real World Applications

1. meridional, zonal
2. Figure 4