# Using soundings to trace the trade wind inversion height across the tropical oceans

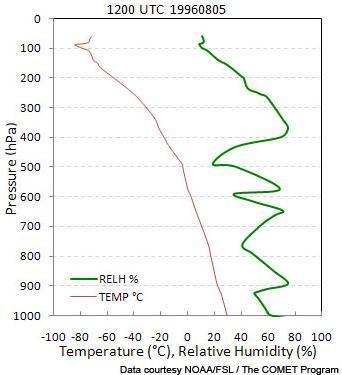
In support of Unit 1 Topics:

6. General Circulation of the Tropics

8. Spatial and temporal climatology of tropical circulation features

## Bonus critical thinking question and answer

2. Where in the Pacific is the following profile likely to be found?



1. Central
2. Western
3. Eastern

Answer: b, the Western Pacific Ocean.

Feedback:

Notice that there is no trade wind inversion. In this region, the atmosphere is convectively unstable and tall cumulus and cumulonimbus clouds are common.