

Station 5: Energy Calculation

Materials:

- Color print outs of sea surface temperature before and after Hurricane Dennis in 2005.
- Ruler
- Calculator

Procedure:

1. Compare the images of sea surface temperature
2. Estimate the area of water that was visibly cooled
3. Based on some assumptions, use the area to estimate the volume of water that was cooled.
4. Calculate the amount of heat absorbed by Hurricane Dennis from that portion of the Gulf of Mexico.