

Name: _____ Date: _____ Section: _____

Chasing El Nino Worksheet

<https://www.youtube.com/watch?v=Zsr7zQwROug>

1. How often does El Nino occur each decade?
2. Which ocean controls most of the planet's climate?
3. What happens to the pattern of the trade winds every 3 to 7 years?
4. Do scientists know what causes El Nino?
5. Specifically, what were the research buoys supposed to measure?
6. Who was likely responsible for the missing buoy?
7. Satellites give us a global picture, but how are they limited?
8. What do high water temperatures and the change of wind direction indicate?
9. During an El Nino, warm water travels toward South America. This heated water contains as much energy as ____ twenty-megaton hydrogen bombs
10. When El Nino occurs, what kind of weather event is often seen in Africa, Indonesia and Australia?
11. Jet streams cause fierce storms in California, which cause increased ____ on the California Coastline.
12. Tropical heat and moisture cause enormous amounts of ____
13. A ____ is a wall of air which forces precipitation out of the clouds before it hits the coast.

