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 Sotuh 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.Ais a wall of air which forces precipitation out of the clouds before it hits the coast.			

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14.El Nino can be considered positive because it reduces the number of Atlantic It also cuses Northrn U.S. winters to bethan usual			
15.El Nino can be considered positive becasue it reduces the number of Atlantic It also causes Northern U.S. winters to be than usual			
16. There is archaeological evidence that	at El Nino dates back to the	century.	
17. How can trees be used to record the history of El Nino?			
18. Species on the Galapagos Islands show adaptation, proving that El Nino is a strong influence in their			
19. On the Galapagos Islands, what phy Nino?	sical feature of the birds cha	nged due to El	
20 El Nino appears to be a natural part of the Earth's climate cycle. What problem do humans contribute to that may accelerate the El Nino frequency?			
21. Write at least one paragraph about El Nino. In your paragraph describe at least two impacts on humans.			