





























Name _____
Date _____ Pd _____

THE DAY AFTER TOMORROW **VIDEO QUESTIONS**

1. How are the scientists getting the ice cores?
2. What can global warming trigger?
3. How long does Jack Hall (the scientist) expect it to take before the warm North Atlantic Current shuts down?
4. How big was the last chunk of ice that broke off the Larsen B ice shelf?
5. What does buoy 4311 show?
6. Name the type of unusual weather occurring in Tokyo (use the correct term).
7. What do the astronauts see from the International Space Station window?
8. How many buoys (total) show a drop in the ocean temperature?
9. Name the type of severe weather happening in Washington, D.C. (use the correct vocabulary term listed in your notebook).
10. How long has it been since something like this climate shift has happened?
11. What type of severe weather alert must be issued in L. A.?
12. Is it unusual for a tornado to leave parts of buildings standing? THINK!!! 

13. There are two names for a particular type of severe weather.
 - a. What is the term for the type of storm in Australia?
 - b. What would the term for this type of storm if it occurred in Georgia?
14. What does Jack Hall think is about to happen because of the polar ice melting and adding more fresh water to the ocean?
15. Based on the computer model, what is the new time scale for the climate shift?
16. What type of preparations does Jack Hall recommend the vice president consider?
17. Why do the helicopters' rotors stop turning, causing them to crash?
18. Where do hurricanes not form?
19. What is unusual about the sewer manhole cover and the runoff?
20. How far did the ocean around Nova Scotia rise in a matter of minutes?
21. What is strange about the storm system that forms over Canada?
22. What sort of damage has occurred at the Bronx Zoo, and what happened because of it?  (LOOK!!!)
23. How high above Ellis Island (Statue of Liberty) does the storm surge go? 

24. Why would surfers want to be in New York City during this storm?  
25. What would be the hazards of surfing in NYC during this storm?  
26. The storm is pulling cold air down from which layer of the atmosphere?
27. Why isn't the air warming up as it descends (comes down)?
28. What is the newest time frame for the arrival of the next ice age?
29. What is the relative temperature of the storm water?  
30. The storm coming toward NYC is a combination of which two types of severe weather?
31. Why is it important that Sam Hall's blood not rush back to heart too quickly?
32. Since snow is not blowing through the windows, how is it forming on the inside of the library? (1:01:57)  
33. When the storm is over, ice and snow will cover which part(s) of the globe?
34. When the science advisor tells the vice president "You didn't want to hear about the science when it could have made a difference," to what earlier situation was he referring?
35. Why does Jack Hall state that it is too late to evacuate the people north of the line he draws on the map?

36. What is incorrect about the vice president's reasoning that Jack Hall suggested only evacuating the people south of the line because Jack is in this group?
37. What does a climatologist study?  
38. Mexican officials close the border between Mexico and the U.S.
a. Why do the Mexican officials do this?  
b. Why is their change in policy ineffective?  
c. How was the U.S. President able to negotiate the reopening of the border?
39. What is the term for the center of the storm shown?    
40. How big is the vortex of the storm that is about to hit New York?
41. How fast is the temperature dropping as the storm moves over New York?
42. If the students are in the eye of the storm, why are they hurrying?  
43. Describe what is meant by "the storm is dissipating."  
44. How could the ships be on top of the snow and in New York City?  
45. If "the air is so clear," what is all of the white area seen by the astronauts?