

Name _____

Nova: Inside the Megastorm

1. Only _____ in _____ hurricanes ever strike the East Coast.
2. What paths do hurricanes usually take? _____
3. How many days in advance did the European model show Sandy hitting NYC & New Jersey? _____
4. What is the Bermuda High? _____
5. How does the Bermuda High usually affect hurricanes? _____
6. How did the lack of the Bermuda High affect Sandy? _____
7. What pumps warm water from the Gulf of Mexico up and across the Atlantic? _____
8. What was unusual about the water temperature along the East Coast? _____
9. What happens to hurricanes once they move north into cooler waters? _____
10. What is a Nor'easter? _____
11. How did the Nor'easter affect Sandy? _____
12. What word did newscasters come up with to describe the storm? _____
13. Why didn't New Yorkers obey the mandatory evacuations? _____
14. How did the New York Transit Authority prepare for the storm? _____
15. How did the "blocking high" affect Sandy? _____
16. What was unusual about the Jet Stream at this time? _____
17. What is storm surge? _____
18. How did geography play a role in increasing storm surge? _____
19. How wide was Sandy when it was hitting NYC? _____
20. Why was the power shut off? _____
21. What is the most intense part of the hurricane system? _____
22. What record was set in Atlantic City? _____
23. How did social media play a role during the storm? _____
24. How many 911 calls were made every hour? _____
25. What was the death toll? _____

26. How many people were without power? _____

27. What influences the shape of the Jet Stream? _____

28. What have rising arctic temperatures caused? _____

29. Can we blame global warming on Sandy? Why/why not? _____

30. How did sea levels affect Sandy? _____
