



Did Bruhaspathi Maha Yagnya decrease the affect of Hurricane Sandy?

A Retrospective

By

Venkata R Chaganti

What Are Hurricanes?

NASA studies hurricanes to learn how they form and to better predict where they will go.

Hurricanes are large, swirling storms. They produce winds of 119 kilometers per hour (74 mph) or higher. That's faster than a cheetah, the fastest animal on land. Winds from a hurricane can damage buildings and trees.

Hurricanes form over warm ocean waters. Sometimes they strike land. When a hurricane reaches land, it pushes a wall of ocean water ashore. This wall of water is called a storm surge. Heavy rain and storm surge from a hurricane can cause flooding.

Once a hurricane forms, weather forecasters predict its path. They also predict how strong it will get. This information helps people get ready for the storm.

<http://www.nasa.gov/audience/forstudents/k-4/stories/what-are-hurricanes-k4.html>

What Makes Hurricanes Form?

Scientists don't know exactly why or how a hurricane forms. But they do know that two main ingredients are needed.

One ingredient is warm water. Warm ocean waters provide the energy a storm needs to become a hurricane. Usually, the surface water temperature must be 26 degrees Celsius (79 degrees Fahrenheit) or higher for a hurricane to form.

The other ingredient is winds that don't change much in speed or direction as they go up in the sky. *Winds that change a lot with height can rip storms apart.*

<http://www.nasa.gov/audience/forstudents/k-4/stories/what-are-hurricanes-k4.html>

Next few slides give you the path of Hurricane Sandy



United States

Mexico

Guatemala

Honduras

Nicaragua

Costa Rica

Panama

Venezuela

Cuba

Dominican Republic

Havana

Port-au-Prince

Puerto Rico

Gulf of Mexico

Caribbean Sea

Florida

Georgia

Alabama

Louisiana

Houston

San Antonio

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

West Virginia

Kentucky

Indiana

Missouri

Kansas

Nebraska

South Dakota

North Dakota

Minnesota

Wisconsin

Michigan

Toronto

New York

Pennsylvania

New York

Montreal

Maine

New Brunswick

Nova Scotia

Prince Edward Island

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New Jersey

Delaware

District of Columbia

Maryland

South Carolina

Alabama

Louisiana

San Antonio

Houston

Texas

Oklahoma

Arkansas

Tennessee

North Carolina

Virginia

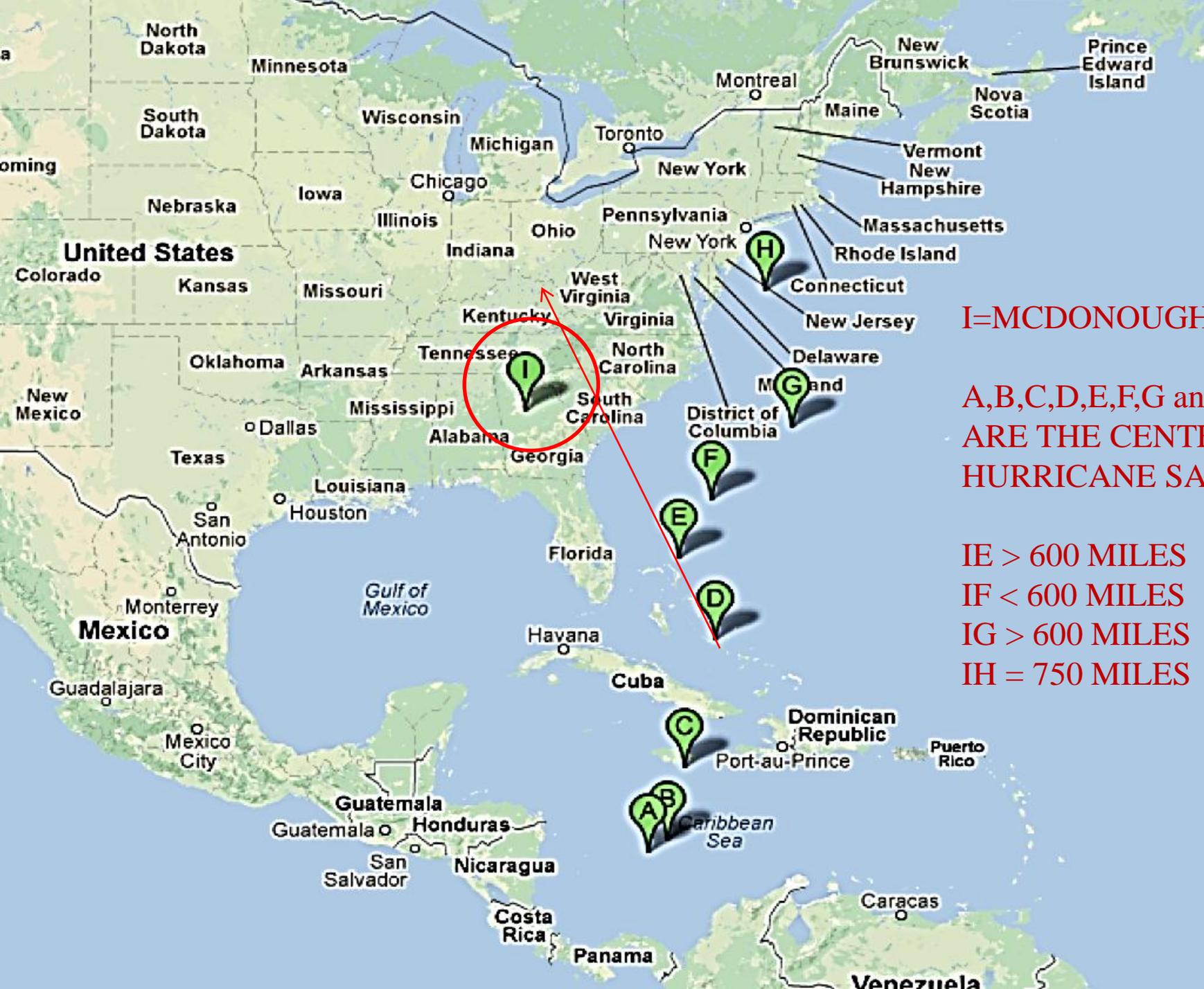
West Virginia

Kentucky

Indiana

Missouri

Kansas



I=MCDONOUGH

A,B,C,D,E,F,G and H
ARE THE CENTERS OF
HURRICANE SANDY

- IE > 600 MILES
- IF < 600 MILES
- IG > 600 MILES
- IH = 750 MILES

http://www.nasa.gov/mission_pages/hurricanes/archives/2012/h2012_Sandy.html

Change in Date	Change in latitude South-North in degrees	Change in longitude East-West in degrees	Directional Change	Approximate Distance in miles from McDonough,GA
10/22-→ 10/23	Increased 0.6 North	Increased 0.9 towards East	North-East	➤ 1500
10/23 → 10/24	Increased 3.5 North	Increased 0.8 towards East	North-East	➤ 1500
10/24 → 10/25	Increased 5.9 North	Increased 1.4 towards East	North-East	< 1000
10/25 → 10/26	Increased 3.6 North	Increased 1.7 towards West	North-West	> 600
10/26 → 10/27	Increased 2.6 North	Increased 1.5 towards East	North-East	< 600
10/27 → 10/28	Increased 3.1 North	Increased 3.7 towards East	North-East	> 600
10/28 → 10/29	Increased 5.5 North	Increased 1.2 towards West	North-West	> 700



McDonough

D = 10/28 Sandy Position
679 miles from McDonough

C = 10/27 Sandy Position 553 miles
from McDonough

B = 10/26 Sandy Position 664 miles
from McDonough

Discussion

- Where is Sandy on Friday, Oct. 26?
- It was centered near latitude 26.4 north and longitude 76.9 west. Sandy is moving northwest near 10 mph (17 kmph) and is expected to turn north and then northeast on Oct. 27, while slowing down the storm's circulation now reaches more than 2,000 miles.
- The distance of the Eye of the Hurricane was about 664 miles from McDonough.

Discussion

- Where is Sandy on Saturday, Oct. 27?
- Sandy was centered near latitude 28.8 north and 76.8 west. Sandy is a category one hurricane on the Saffir-Simpson Hurricane wind scale, and **regained hurricane strength after weakening to a tropical storm earlier in the day.**
- The distance of the Eye of Sandy Hurricane was about 553 miles from McDonough.

Discussion

- *NASA Satellites See Sandy Become a Hurricane Again and Strong Winds Expand Sandy weakened to a Tropical Storm and strengthened back into a hurricane early on Saturday Oct. 27.*
- *Why did it weaken? Did it ring a bell? On 10/27 Sandy came close to McDonough!!!!!! So What? Think and Think!!! Did “Bruhaspathi Maha Yagnya” affect? Does the Yagnya have something to do with weakening or the path of the Hurricane?*
- http://www.nasa.gov/mission_pages/hurricanes/archives/2012/h2012_Sandy.html

Discussion

- Where is Sandy on Sunday, Oct. 28?
- " Sandy's center was near 32.1 North latitude and 73.1 west longitude".
- The distance of the Eye of the Sandy Hurricane was about 679 miles from McDonough.

Conclusions

- On 10/26/2012 the “Sandy Hurricane” was strong and was at an approximate distance of 664 miles from McDonough, GA, and was spreading its radius to 2000 miles.
- On 10/27/2012 the “Sandy Hurricane” came closest to McDonough to about 553 miles and weakened to a tropical storm!!!!
- On 10/28/2012 the “Sandy Hurricane” has moved away from McDonough (669 miles) and strengthened to a Hurricane back!!!!!!!!!!
- One should remember that Hurricanes become weak only after landfall.

Conclusions

- Does this ring a bell? NASA or for that sake no organization could give any explanation.
- As a whole GA and all distances 700 miles (this includes Florida and up to parts of North Carolina) and below from McDonough went unscratched!!!!!!!!!!!!!!
- I strongly believe that the Buffering action in the atmosphere of GA, made the Hurricane to weaken and move away.
- The Buffering action in the atmosphere of GA, undoubtedly came from the “**Bruhaspathi Maha Yagnya**”.
- Please remember the Effects of Yagnya stay for a good time like a year or so.
- That is why we should all perform this type of Yagnya every 6 months.

References

- http://www.nasa.gov/mission_pages/hurricanes/archives/2012/h2012_Sandy.html
- maps.google.com (Put the coordinates and get the directions)



I

Thank you all for your support in doing
“Bruhaspathi Maha Yagnya”