A experimental proposal to reduce the devastation caused by hurricanes to humans and the environment

Brian Sandler

This machine is patented # 7434524,

A important part of any geo-engineering plan is the ability to turn it off. This method can be instantly turned-off with out any residual effects.

It is the goal of this machine to change a hurricane into a tropical storm. It is not the goal of this machine to steer a hurricane away from one area into another.

Every year on earth there are on average 90 hurricanes. On average 1.5 tropical storms or hurricanes make landfall in the U.S./year. Changing the on average 1.5 land falling hurricanes into tropical storms would not effect overall climate patterns on earth.

REDUCING GLOBAL WARMING

Hurricanes contribute to global warming in eight primary ways.

1.) Normally water evaporating from the ocean would cool the ocean but the high wind in a hurricane prevents this. The high wind creates a layer of spray, evaporation occurs in the layer of spray not in the ocean. The air in the spray zone is saturated with water vapor preventing almost all evaporation from the ocean. Also when the wind driven rain hit's the ocean it explodes and turns into spray. Because of the high hurricane wind the cooling effect of evaporation happens above the ocean not in it.

2.) Hurricanes cause huge amounts deforestation. The dead trees killed by hurricanes release there carbon to the atmosphere. Also trees are earths natural shade. When hurricanes kill them it causes the earth to get hotter in the daytime than release the extra heat at night contributing to global warming. The dead trees killed by hurricanes don't do any photosynthesis. Photosynthesis soaks up heat from sunlight, the trees also soaks up carbon and water vapor from the atmosphere all of which contribute to global warming.

3.) Hurricanes are the ultimate dehumidifier, the fuel for a hurricane is humid air. When hurricanes dehumidify the air it allows more sun to hit the ocean causing it to warm up. Humid air is a natural shade for the ocean. When the air in a hurricane eyewall rises it dehumidifies, than it comes rushing down as a huge hot dry high pressure allowing the sun to bake the ocean unrestricted by the normally high humidity above the it.

4.) A hurricane transfers energy from the hot humid air to the ocean thought friction between the water and the wind. The big waves and the storm surge eventually turn into heat.

5.) The rain from a hurricane falling on the ocean causes the water to warm up. The massive amount of rain drops moving at a high velocity colliding with the ocean causes it

to warm up.

6.) The waves, storm surge and rain from hurricanes causes massive amounts of erosion blocking sunlight to plankton. When plankton does not get enough sunlight it does not soak up heat and carbon and make oxygen. The sunlight that should go to the plankton gets soaked up by the dark muddy water making the ocean hotter than it should be. As a result less plankton and dead fish sink to the bottom of the ocean storing less carbon.

7) Hurricanes wipeout huge areas of saltwater swamps. Saltwater swamps provide shade for the ocean, also saltwater swamps provide habitat for wild life. Bird droppings feed the plankton and plankton feeds the fish.

8) Hurricanes make huge waves, when sunlight hit's a flat ocean a lot of it is reflected back up, but when sunlight hit's a big wave almost none of it is reflected, it all goes into the ocean heating it up.

It becomes a vicious cycle. Hurricanes heat the ocean which causes more hurricanes that heat the ocean even more. The easiest solution to our global warming problem is to get rid of hurricanes.

HURRICANE CONTROL

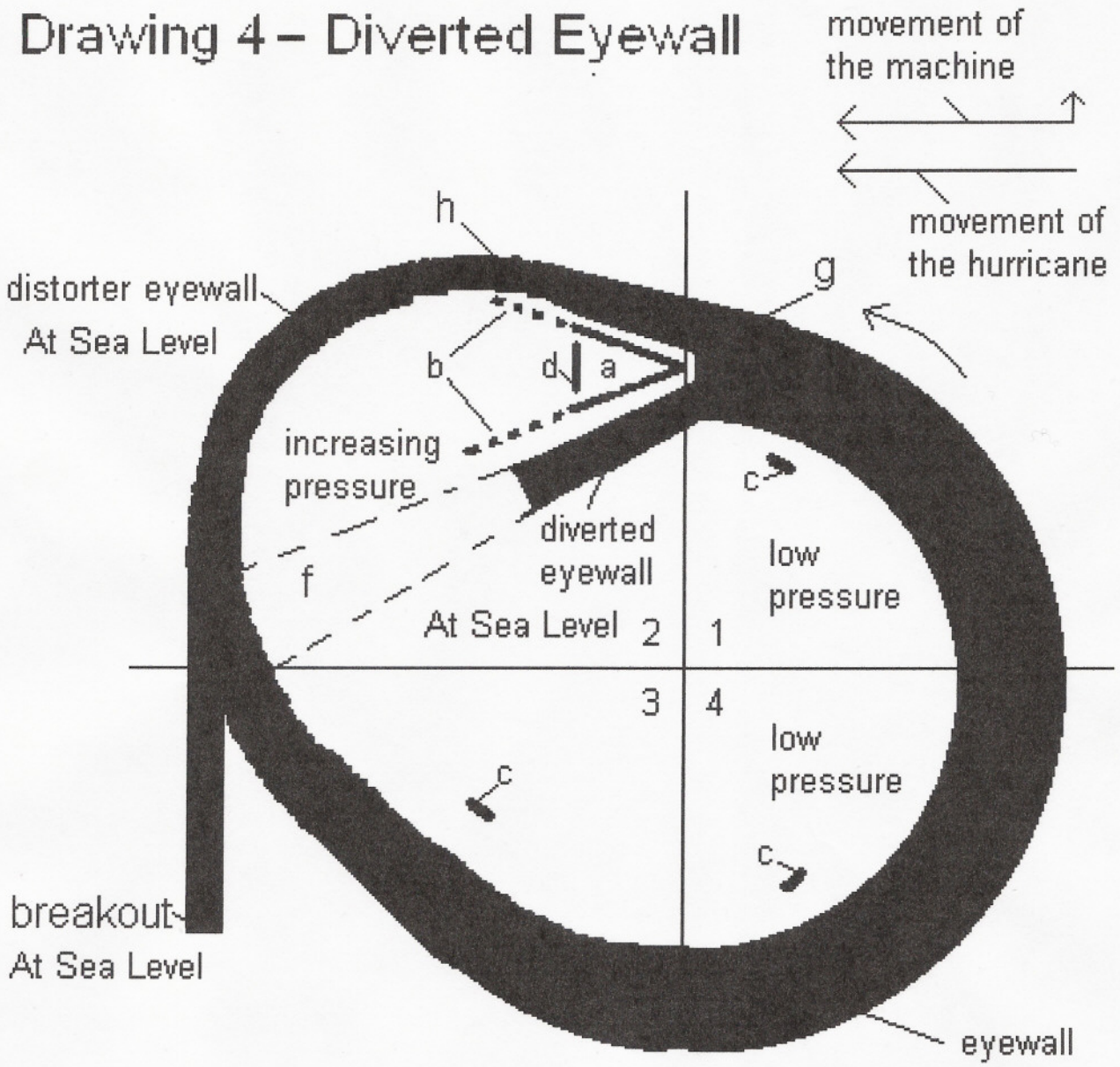
Hurricanes have four essential elements, a central low pressure, wind, humid air, and structure. If one or more of these essential elements are removed the hurricane will cease to exist. What if we could use all four of the essential elements of a hurricane to help get rid of one essential element of a hurricane? What if we could use the wind, humid air, central low pressure, and structure to remove the central low pressure at sea level in a localized area of the eyewall? With the (localized) central low pressure removed rotation around the center(at sea level) will end and the hurricane will cease to exist. It is the primary goal of this machine to remove the (localized) central low pressure of the hurricane system at sea level. The machine would accomplish this ambitious task in four primary ways.

1. The machine would divert the hurricane eyewall into and away from the hurricane eye.
2. The machine would slow down the air in the eyewall allowing the low pressure in the eye to suck it in.
3. The machine would mechanically blow air from the eyewall to the eye.
4. The machine would cause different parts of the eyewall to turn at different rates.

Some secondary effects caused by the machine are; when the eyewall is diverted into the eye the air expands in the low pressure causing it to cool and dehumidify, when the eyewall is sucked into the front of the machine the air expands and becomes super cold. When the rear wing forces the air down into the V it expands and cools.

At my website there is a description of a machine.
Contact: brian334 @ people.com Website: bsandler.com
See Drawing Below

Drawing 4 – Diverted Eyewall



When the diverted eyewall enters the low pressure in the eye it expands and speeds up , the eyewall turns into the eye.
a) is the machine. b) are the walls of air coming out of the nozzles. c) is test equipment. d) is the rear wing. f) is the diverted eyewall crashing into the eyewall causing a breakout. g) is the eyewall turning at a greater rate than (h).