William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #35 original thought, Corrections on Earth's Magnetic North, and the Universal's

Magnetic North Idea

Exhibit: Section A - 43 - A

Date: 11/7/2007

This first illustration represents an incorrect original thought. The original thought was that our Planet's "North" would be pointing towards the Universal Globe's "True North".

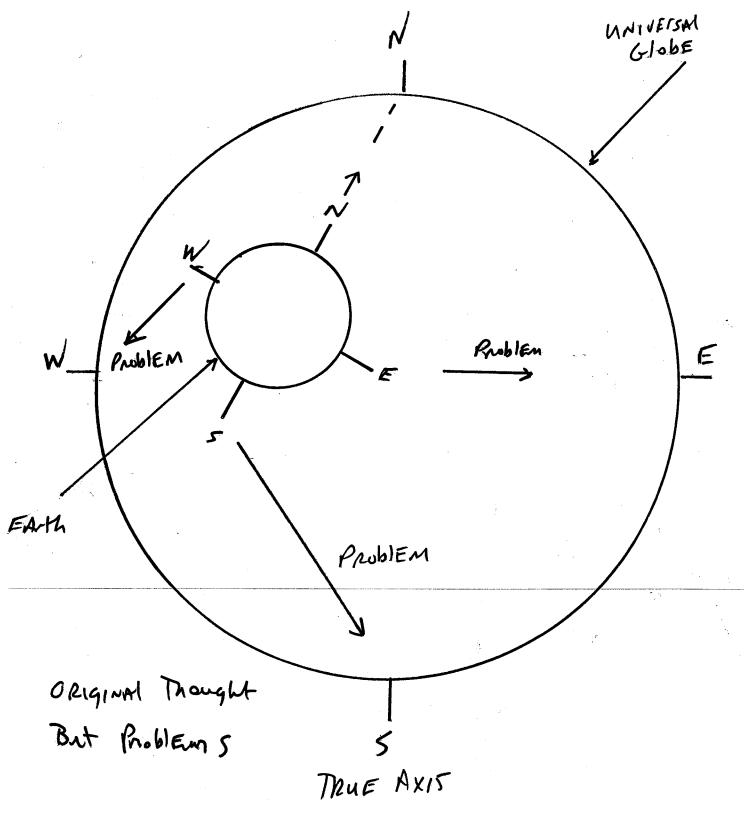
The problem is that this creates a Southern Polar problem. It also creates an Earth's "West – East" problem by not lining up with the Universal's Globe's "East – West".

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #35 original thought, Corrections on Earth's Magnetic North, and the Universal's

Magnetic North Idea

Exhibit: Section A - 43 - A



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #35 original thought, Solution to the Problem, Earth's Magnetic North and the

Universal's Magnetic North, Parallel Systems

Exhibit: Section A - 43 - B

Date: 11/7/2007

This next illustration represents the solution to the problem and a correction for a wrong original idea.

Within a "Universal Globe" you need to only be parallel with the Universal Globe's "North and South". And you only need to be parallel with the Universal Globe's "West and East".

Under this system then our Planet's "North" is still pointing north, and our Planets "East" is still pointing east, so forth and so on.

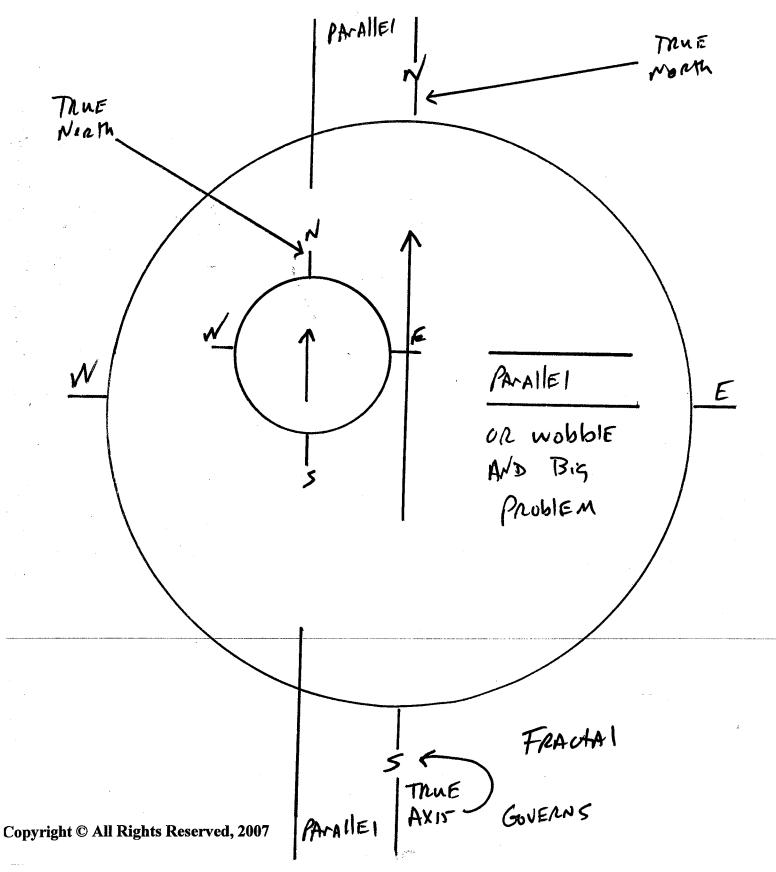
An "Inward Directed Center of Gravity" will work where ever you are located within this larger global sphere.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #35 original thought, Solution to the Problem, Earth's Magnetic North and the

Universal's Magnetic North, Parallel Systems

Exhibit: Section A - 43 - B



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #36 original thought, Gravity and Magnetic Fields, Pulling Together & Repelling Apart.

Exhibit: Section A - 44 - A

Date: 11/7/2007

This illustration represents what keeps us apart. The inverted spinning activity not only creates a center of gravity, but it also creates magnetic fields that help keep the planets apart. Like the magnets we all played with as children, one way they attracted each other, the other way they repealed each other.

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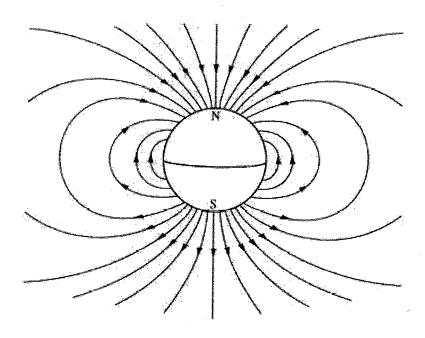
Specific Topic: #36 original thought, Gravity and Magnetic Fields, Pulling Together & Repelling Apart.

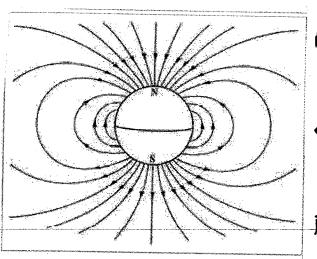
Exhibit: Section A - 44 - A

Date: 11/7/2007

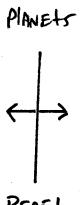
EXHIBIT:

Pull togEther L KEEP APART

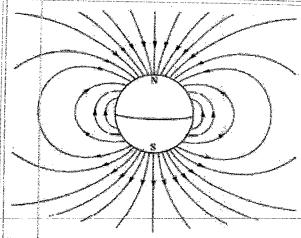




The Earth's magnetic field, which is approximately a dipole. However, the "N" and "S" (north and south) poles are labeled here geographically, which is the opposite of the convention for labeling the poles of a magnetic dipole moment.



REPE



The Earth's magnetic field, which is approximately a dipole. However, the "N" and "S" (north and south) poles are labeled here geographically, which is the opposite of the convention for labeling the poles of a magnetic dipole moment.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #37 original thought, Gravity and Magnetic Fields, Effected by Mass.

Exhibit: Section A - 44 - B

Date: 11/7/2007

This next illustration represents the reality that the larger the object the greater the magnetic field would be, which in turn is helping planets keep away from each other (repelling each other).

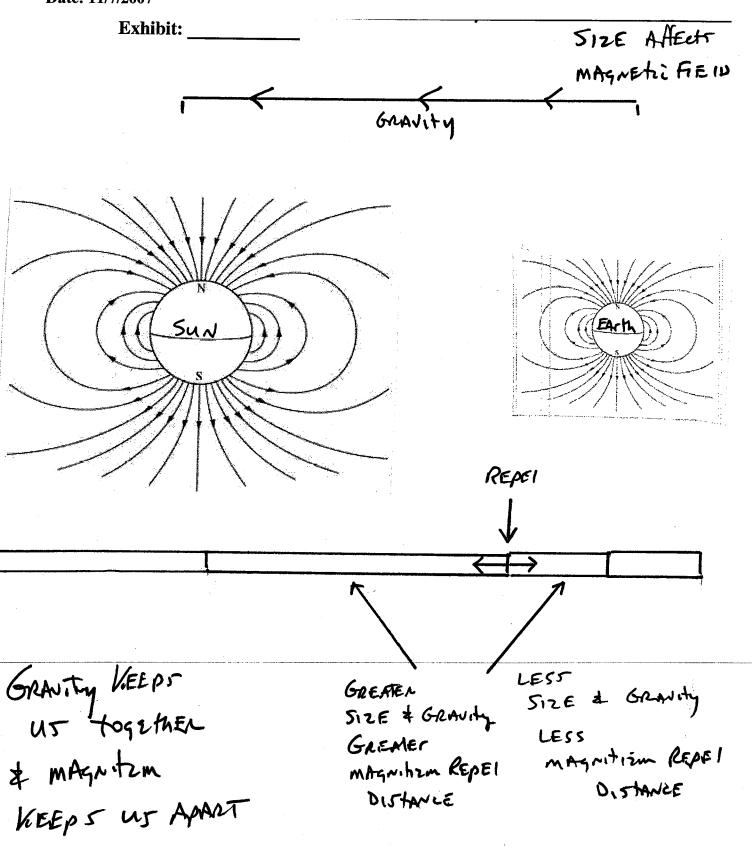
Like for example the Sun would have a large magnetic field, but when place side by side with a planet that are also on axis it is helping to repel the planet vs. allowing the gravitational pull to take over.

Gravity keeps us together as a solar system, and magnetic fields that are generated by gravitational activity help to keep us apart.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #37 original thought, Gravity and Magnetic Fields, Effected by Mass.

Exhibit: Section A - 44 - B



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #38 original thought, Our Solar System – Seeing the Bigger Picture, along with Indirect

Systems and Direct Systems. Exhibit: Section A – 44 – C

Date: 11/7/2007

This illustration points out that there are two systems at work in a Solar System.

There is a direct system and there is an indirect system, and that both are creating a, "Inward Directed Center of Gravity". The direct system is found within a single Plant or Sun. The indirect system is found within the Solar System taken as a whole.

Remember one is simply fractal of the other.

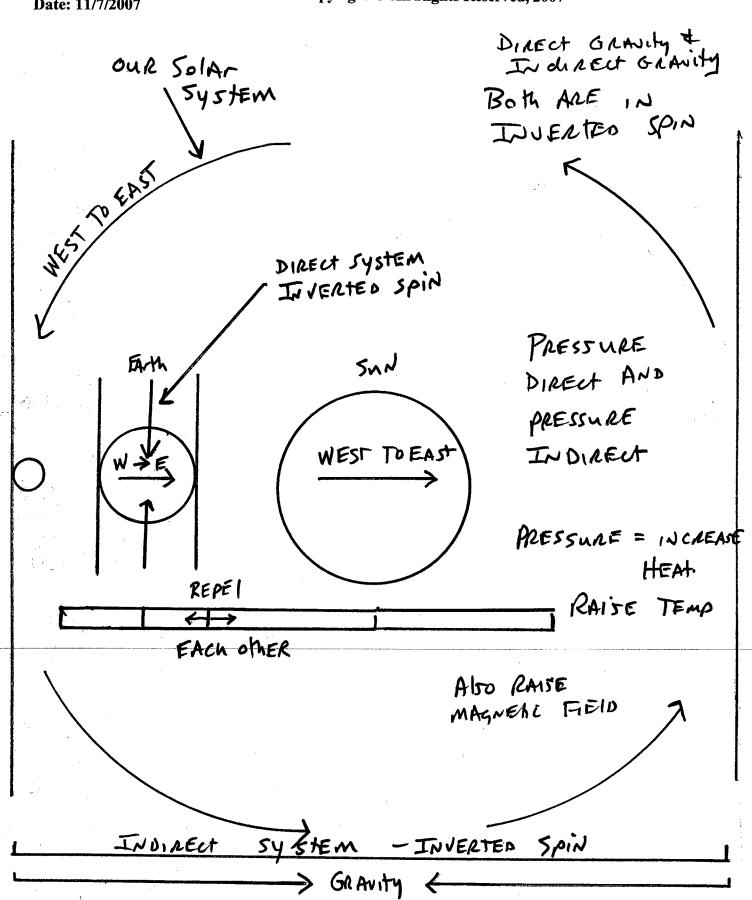
Gravity is drawing the planets to the Sun and Magnetic Fields are repelling us apart, or keep the planets from being drawn into the Sun. Everything is in active motion.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #38 original thought, Our Solar System - Seeing the Bigger Picture, along with Indirect Systems and Direct Systems.

Exhibit: Section A - 44 - C

Date: 11/7/2007



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #39 original thought, Topical View of our Solar System within this Universal Globe,

another Example of a Fractal System.

Exhibit: Section A – 45 - A

Date: 11/7/2007

This illustration simply represents a topical view of how our Solar System itself is fractal of the Universal Globe.

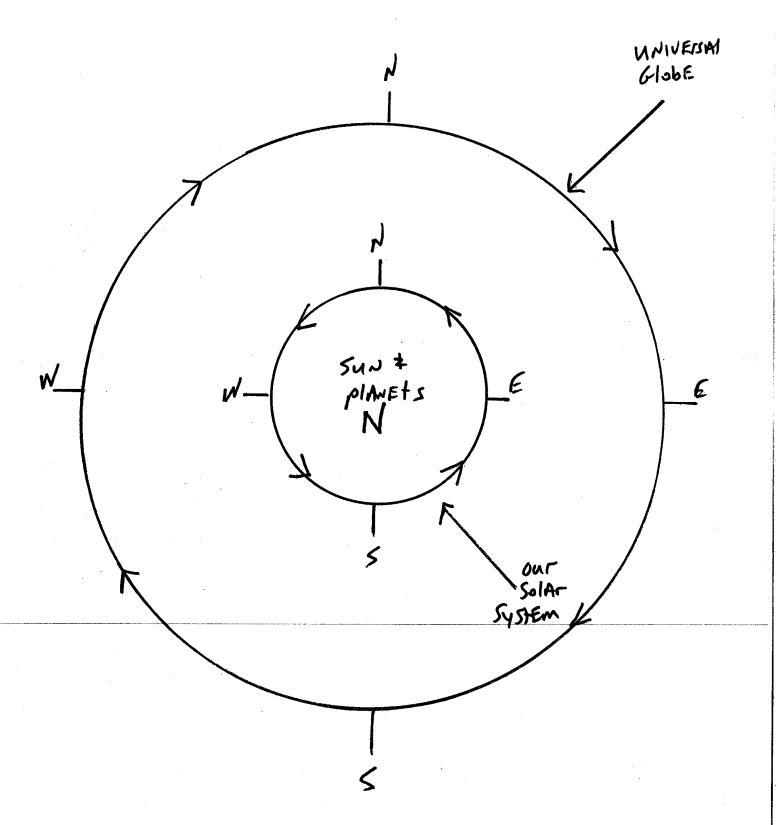
It is round in shape as it rotates "Counterclockwise" or from the West into the East, and just as our Universal Globe would be round as well as it rotates "Clockwise" or from the East into the West.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #39 original thought, Topical View of our Solar System within this Universal Globe,

another Example of a Fractal System.

Exhibit: Section A – 45 - A



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #40 original thought, Side View or our Solar System within Universal Globe – Fractal.

Exhibit: Section A – 45 - B

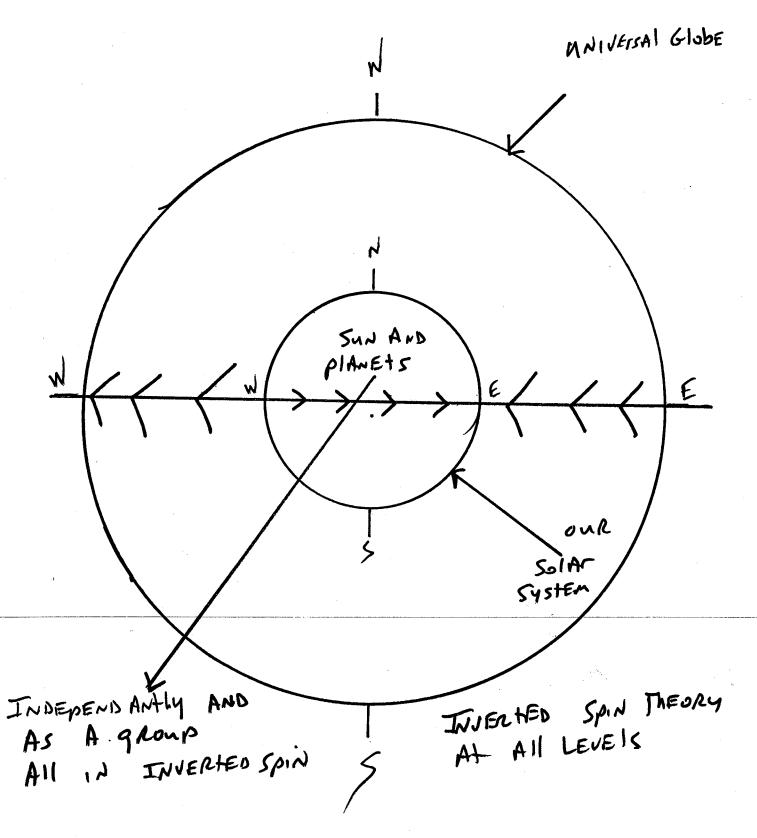
Date: 11/7/2007

This illustration restates the concept that at all levels, both Plant and Solar System, the "Inverted Universal Globe Spin Theory" is active, and it is creating an "Inward Directed Center of Gravity".

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #40 original thought, Side View or our Solar System within Universal Globe – Fractal.

Exhibit: Section A - 45 - B



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #41 original thought, Our Solar System, Rotates Counterclockwise - West into the East

Exhibit: Section A - 48 - A

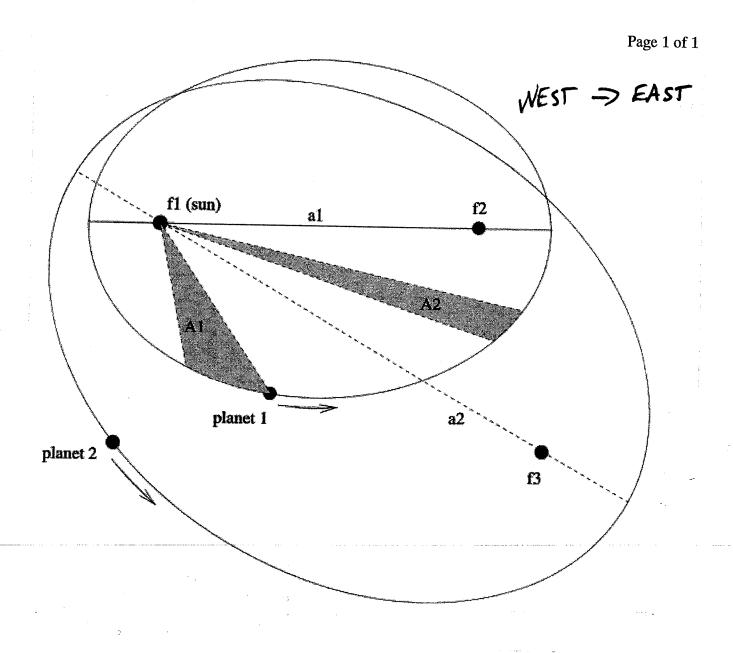
Date: 11/7/2007

This illustration supports the directions of our plants and our Sun. If there is any question as to which direction they travel this document should be ample, thank you Wikipedia. Our Solar System at all degrees travels from the West into the East, or "Counterclockwise".

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #41 original thought, Our Solar System, Rotates Counterclockwise - West into the East

Exhibit: Section A - 48 - A



William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #42 original thought, Our Sun also rotates Counterclockwise - West into the East

Exhibit: Section A – 48 - B

Date: 11/7/2007

This illustration documents the finding of others that our Solar System rotates "Counterclockwise", or travels from the West into the East, as does the Sun itself.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #42 original thought, Our Sun also rotates Counterclockwise - West into the East

Exhibit: Section A – 48 - B

Date: 11/7/2007

Kepler's laws of planetary motion - Wikipedia, the free encyclopedia

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Kepler's laws of planetary motion

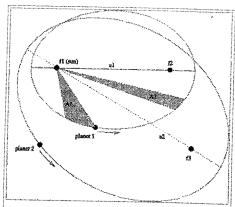


Illustration of Kepler's three laws with two planetary orbits. (1) The orbits are ellipses, with focal points fI and fZ for the first planet and fI and fZ for the second planet. The sun is placed in focal point fI. (2) The two shaded segments AI and AZ have the same surface area and the time for planet 1 to cover segment AI is equal to the time to cover segment AZ. (3) The total orbit times for planet 1 and planet 2 have a ratio $a1^{3/2}$: $a2^{3/2}$.

http://en.wikipedia.org/wiki/Kepler's laws of planetary motion

11/16/2007

Solar rotation - Wikipedia, the free encyclopedia

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SUN WEST > EAST

Solar rotation

Sidereal rotation

At the equator the solar rotation period is 25.38 days. This is called the sidereal rotation period, and should not be confused with the synodic rotation period of 27.2753 days, which is the time for a fixed feature on the sun to rotate to the same apparent position as viewed from Earth. The synodic period is longer because the sun must rotate for a sidereal period plus an extra amount due to the orbital motion of the earth around the sun. When the sun is viewed from the "north" (above the Earth's northern pole) solar rotation is counterclockwise. Sunspots viewed from Earth appear to move from left to right across the face of the sun.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #43 original thought, Water Rotation - Mystery Explained & Supportive Evidence

Exhibit: Section B - 30 - A

Date: 11/7/2007

This document is included because it speaks volumes, and it supports the "Inverted Universal Globe Spin Theory", <u>Ask A Scientist!</u>

Gravity explained thru the "Inverted Universal Globe Spin Theory" now explains the "single cause" for the formation of a Vortex in a drain, and the direction the Rotation takes as well! This document is included because it documents very clearly the direction Water Drains Rotate, and the fact that nobody seems to understand exactly why. This document helps to shed light on the "Inverted Universal Globe Spin Theory" because in the Northern Hemisphere, Water Rotates in Drains "anti-clockwise" and in the Southern Hemisphere, Water Rotates in Drains "clockwise", as this Scientist puts it.

Maybe some would try to claim that the "Winds are the Cause" of a Cyclone's Rotational Direction in the Northern Hemisphere and in the Southern Hemisphere, and that the "Winds are the Cause" or why in the Northern Hemisphere these systems rotate "anti-clockwise" and in the Southern Hemisphere they rotate "clockwise", but the problem with this argument it that when you take it down to the level of a Water Drain you find that there are no know winds that are taking place there. Yet, Water Drains are Rotating in exactly the same direction and they too are creating Vortexes. The way gravity is "Actively in Motion" is the cause, and gravity as explained in this document is the "Single Cause" that is creating this phenomena, this reality. We can all witness this evidenced that is around us.

Furthermore the way Gravity is in spirals towards the Center of Earth's Core fully explains why the rotation of water drains are going in the direction they are; they are merely following the spiral direction of Gravity, they are doing what they must do. It is the Earths directional rotation that controls the directional rotation of the Coriolis Effect thru an Inversion that takes place while inside an object that is rotating in the opposite direction. Please review the "Global Spin Model" to illustrate this point. The Planet Earth and all other objects in this Universe that are rotating "Counterclockwise" are the ones that one could say are "traveling upstream, or against the grain".

Some of the factual evidence supporting an "Inverted Universal Glob Spin Theory" on Earth Are:

- 1. Cyclones/Storm Rotations: in Northern Hemisphere the rotation is Counterclockwise, and in Southern Hemisphere the rotation is Clockwise, labeled the Coriolis Effect.
- 2. Water Rotations in Drains: in Northern Hemisphere the rotation is Counterclockwise, and in Southern Hemisphere the rotation is Clockwise, labeled the Coriolis Effect.
- 3. Vortex formations found in both: Cyclones/Storm and Water Drains.

The Coriolis Effect on Earth demonstrates the "Inversion" that is created by our Earth as it rotates in the opposite direction inside this Universal Globe. The Coriolis Effect shows us the direction of Gravity as it rotates towards the center of the Earth. Put in other words, if what has been labeled the "Coriolis Effect" was not taking place, then there would be no "Inward Directed Center of Gravity" here on Earth.

Now the High School Physics teach can explain the reason why drains drain the way they do, Gravity.

William D. Short, Balderston Drive, Exton PA, USA

Specific Topic: #43 original thought, Water Rotation – Mystery Explained & Supportive Evidence

Exhibit: Section B - 30 - A

Date: 11/7/2007

Exhibit:

AN NO ONE CAN CLAIM: WIND

Water Rotation and Drains

Page 1 of 1



Ask A Scientist

Physics Archive



Water Rotation and Drains

7/14/2003

name

Katheryn F.

status

other

age Ouestion - 30s Why does water circle down the drain? I remember studying this in high school

physics but can not remember the reason and my young son is now asking me.

There is no "single cause" for the formation of a vortex in a drain. It is due to "turbulent flow", which really only puts a name on it. As the water moves along the drain and into the sink trap, the boundary of the water at the pipe walls is slower than in the center of the pipe. The water in the sink/basin is not stagnant — that is it has eddy currents either clockwise or counter clockwise depending upon irregularities in the sink, the location of the faucet with respect to the drain, temperature gradients,...and a list of other origins. Experiments under controlled conditions have actually shown that it is VERY difficult to maintain water stagnant in a vessel — and certainly not in any configuration you might have around the house. For example, you need baffles in the X,Y, and Z directions. Once the water with a small angular component enters the mouth of the drain, the velocity gradient in the down pipe accelerates the angular motion and a vortex forms.

The "explanation" you probably heard in high school physics is that the rotation of the earth produces Coriolis forces that make the vortex flow anti-clockwise in the northern hemisphere and clockwise in the Southern hemisphere. This is an error that has a life of its own, and just will not die. A quick calculation of the magnitude of the Coriolis effect on the mass and time scale of the draining of a sink are WAY too small to account for vortex formation. The fact that a given sink always may flow in the same direction is most likely due to some asymmetry in the geometry of the sink and the drain.

Vince Calder



Back to Physics Ask A Scientist Index

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