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Cause To The Tides

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Abstract

Current theories towards the cause of the tides show to be contrary to the laws of nature and that of motion. The correct version for the tides are herewith shown with supporting evidence.

Keywords

Tides, Gravity, Magnetism.

SUBJECT CLASSIFICATION

Earth sciences

Essay

The students are (or were) taught that the tides occur contrary to common sense, since then in my book nothing is ever contrary to common sense it becomes us to deal with the issue according to common sense

And to quote what is generally found for an answer; (Ref-1) "Tides are really all about gravity, and when we're talking about daily tides, it's the moon's gravity that's causing them. As Earth rotates, the moon's gravity pulls on different parts of our planet. Even though the moon only has about 1/100th the mass of Earth, since it's so close to us, it has enough gravity to move things around. The moon's gravity even pulls on the land, but not enough for anyone to really tell."

"Enough gravity" so it is said, but that could not be further from the truth since our laws all in themselves show our gravity to barely reach 3300 miles out from earth's surface while the moon is some 240.000 miles from earth. **Our own laws therefore are stacked against us.** And to present that evidence, recall that law of motion that deals with just that namely Newton's law of motion that states:

"The gravitational force of a particle in uniform circular motion is proportional to the square of its speed and inversely proportional to the radius of its path." (Ref-2)

Since then we know what the factor thereof is at seal level, to wit 32.174lb, or 32.174 ft/sec/sec. how much may that be at some distance from the earth like where the satellites have their orbit, for we know that as we depart from earth the force of gravity diminishes?

The data on the Hubble space telescope for example is recorded at some 353 miles. (Ref-3) Its gross weight was 24.500 lb, at an orbital velocity of 17.500 mph. The radius thus will be 4,353 miles from the center of the earth, and that times 5280 comes to 22.983.840 ft. Its velocity then at 17.500 : 60 : 60 x 5280 comes to 25.666 ft/sec

And to do this in whole numbers:

$24.500 \times 25.666 = 628,817.000 \times 25,666 = 16,139,217,122.000$ divided by $22,983,840 = 702,198.46$ lb, divided by $24.500 = 28.66$.

That makes the Hubble space telescope to have a factor of g/force on it at **28.66**, since $702.198.46$ divided by its scale weight comes to 28.66 . The factor of gravity 353 miles above the earth therefore is 28.66 and its acceleration if it were to fall would be 28.66 ft/sec/sec.

But that all in itself does not show the extend of earth's gravity. Therefore when we deduct the 28.66 from 32.174 (at sea level) it comes to a decrease of 3.514 in those 353 miles, and this divided by the 353 comes to $0.009.954.674$ per mile. Then by dividing the sea level factor of 32.174 by the decrease per mile, comes to 3.232 miles, at which point the factor of gravity is zero, and the acceleration would be zero ft/sec/sec, wherefore our gravity does not come any further from us than 3232 miles. And if we were to calculate the extends of the moon's gravity it would come to less than 800 miles.

But what implication does this have? We have the habit of stating that the planets and stars are held gravitationally. But with our moon at a distance of some 240.000 miles, how can it possibly be held gravitational? And how are the waters of the tides lifted by gravity, when the waters are an **"upwards movement," with gravity being a "downward movement?"** If we say that gravity restrains the tides, our vocabulary would be correct, **but in no way will gravity pull "up" on our waters when it is always a "downward" movement.** Our own laws and simple mathematics as well as common sense thus prove us to be in error.

And that error seems to be deeply seated within us when I quote: "That explains the first high tide each day, but what about the second high tide? The ocean also bulges out on the side of Earth opposite the moon. While the water closest to the moon is getting pulled, the water farthest from the moon is staying right where it is. Both sides are experiencing gravity and inertia, but one always overpowers the other." Quote: **"On the side by the moon, gravity wins. On the side away from the moon, inertia wins."**

Not very realistic for any explanation of the dual tide, nor for any tide since the gravity of the moon does not reach anywhere near the earth. All this tells us that there is a cause other than gravity to the rise of the tides. Nor shall it be by gravity that the planets are held to their star, but by something far more powerful, and far more abundant, a power and movement that has come to be called magnetic, and that for our tides is partly in league with gravity. (A subject in itself Ref 5)

If we take a good look at the coordinate, the format of any magnet it seems to present two circles over a center. This by all means is sight deception since these two circles are the two halves of a single circle, a format the design of which is like unto a figure eight. It in all essence is a single circle twisted over by one half of a turn, just as a rubber band is twisted becoming a figure 8. And how that in nature comes about is again a subject in itself at which to date I have not as yet written anything.

But the fact that it does exist like that is easily found by experimentation utilizing steel filings around a single magnet that then by a second magnet - (demonstrating our moon) - when quickly drawn up and away from the first, the deformity in the circle on the near side equally shows up on the other side. Wherefore the format of magnetic may be likened to a pair of scissors where by closing in the handles the cutting edges also close.

This proven fact of magnetic, its origin being in the angular mode, gives birth to that mode of movement called the linear. And to explain this graphically by illustration Figure 1, at "A" there is only angular movement, but with that circle in a right or left angle rotation being drawn half way over it, like at "B", gives birth to a linear movement that now at the north end of these two halves of the circle present one and the same direction, an outgoing direction, to wit a linear movement. The same then is true for the ingoing south side of the eight of force also presenting linear movement.

That is how all magnets are enabled to push and/or pull in the linear, and as such that fundamental movement is conductive, and at that directionally conductive. Just as a single magnet draws everything uniformly to its center, two magnets faced in like directions draw to one another while in opposite withdraw from one another all because the nature of that fundamental movement is as we say "Conductive".

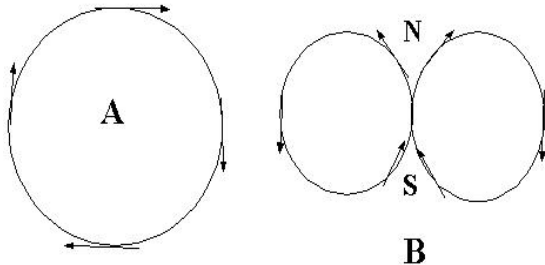


Figure 1. The unique format of movement that is now able to move like movements in the linear, to both push and pull, and quell that which lies within its embrace to a common center, its center of force.

As a single circle it does not have neither the power nor the ability to interact with any other format of force, but in the eight it latches on to any and all other movements of the like, with this obvious tendency to draw all things to itself, like our earth being drawn to the sun, or the moon to our earth, or any satellite to any planet. What then keeps these from falling into one another is the velocity, the speed of the satellite to stay aloft, simply because the velocity of the satellite always tends to drive it away in a straight trajectory, that then is kept in check, or as we say - in orbit - around the magnetic power of the source pulling it unto itself, as all figures eight of force will and must do.

Moreover, its very design demands equilibrium, like when a magnet is broken in half each part seeks its new center. And in the case with our air all its atoms (Nitrogen, Oxygen) though dual are well rounded, like our earth or any planet or star is rounded by its magnetic coordinate that for the best of terms may be said to quell. Most atoms do resemble a sphere, although many will be more like a rounded disk.

The spherical design then is due to its magnetic nature, while the expanded disk design comes forth by its rotational movement, the faster it is driven to turn so that figure of eight expands. One example is by heating water into steam driving the atoms to a greater distance from one another, another, or the gasoline in our internal combustion engines. Moreover, the power companies learned quickly that as they increase the rotational speed of their electricity so that their rotational magnetic force expands, their conductors must likewise be kept at a large distance from any conducting metal.

I may be going over these things rather quickly all in order to stay with out subject entitled; "The Tides." All of these relevant things then are very well explained in my other pages taking them one at the time. And now to show how the tides really come about, our reference will be to Figure 2.

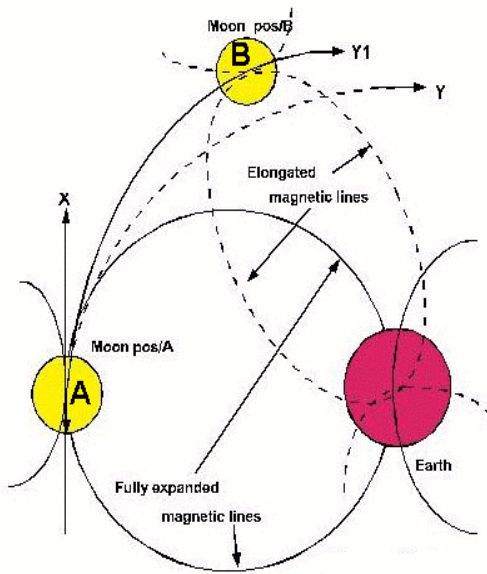


Figure 2. Cause to the tides by the elongation of the magnetic lines of movements binding planets around stars and other planets.

At first assuming the earth and the moon at a complete stand-still at position A, the magnetic fabric comes to its full expansion namely the roundness of a circle, all because the moon is not moving, it is not attempting to get away from us, and as such does not pose any strain upon us. This in all reality can of course not exist since then the two would come upon one another.

But with that moon set in motion – as illustrated at location B, it by all the laws of motion will attempt to steer a straight course away from earth, and that of course with the magnetic lines of both earth and moon interwoven will place a strain upon it. This strain then will come to a point where the mass of the moon in and by its velocity of movement comes to an equal with the magnetic hold that exists between the two.

Since then the magnetic fabric is somewhat flexible the pulling away of the moon comes to elongate these lines of magnetic movement that are directly between the two bodies, and as long as the moon continues to move it will continually elongate those lines directly between them. And this is easy to prove to ourselves since the same will affect our upright position, our direct line to the center of the earth, for this a sensitive instrument may be utilized. Or we can duplicate it with two regular magnets and some steel filings.

And now that I have named magnetic for the power to raise the waters upon the earth, it is not exclusively magnetic but paired with gravity. The magnetic is the male, with gravity the female, for it is in the union of these whereby all substance is embraced. (Ref: 5) As then the foremost direction of the magnetic pull called gravity is always towards its center, keeping the waters down, the elongation packs the waters from its nominal cubic area to a smaller cubic area, that by observation comes to us as the tides. Remember thus how the tides are by movement, that is to say, as long as the moon moves picking up new lines elongating them one after the other. If the moon stopped even for 30 seconds the waters would fall again.

If in a rectangular container we filled it with water, and on one end we put a plate with holes in it to slide from side to the other, what would happen if we slowly slid the plate across the container? The water would flow through the holes in the plate and not rise. But if we moved it rather quickly the water would rise and spill over the edges. Thus there is also a timing factor involved, if the orbital velocity of the moon were increased the tides would be higher. Or if the moon moved by only $1/10^{\text{th}}$ of its speed no tide may occur, for as indeed the moon in conjunction with the earth by their joint magnetic lines lifts the waters it must have a timing factor, or else the waters would flow through. It's simply a matter of area verses area to momentarily drive the

water into a smaller area by which the level thereof rises. And the opposite is true for the backside of these lines so elongated where the water level must decrease because its volume comes to a larger area. And so you see how simple that is!

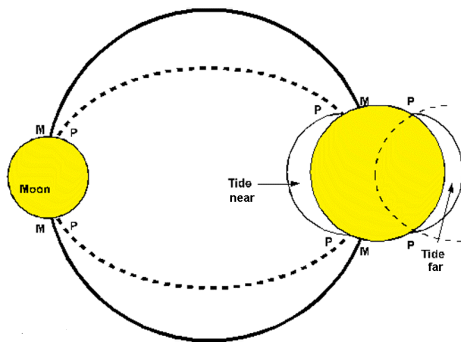


Figure 3: Tides by elongation of the magnetic fabric.

Conclusively by illustration figure 3. The outer circle (solid line) depicts the moon/earth with the moon at idle, while the inner broken lines illustrate the elongation by the orbital velocity of the moon around the earth. It then is by the elongation of the magnetic fabric that the waters upon the earth – between these lines - come to be raised up, and on the backside the waters flow downwards again.

Previously the 2 lines shown (of a multitude of lines) passed upon the earth at points M, but with the elongation they are driven up to points P, and what happens when with a flexible bowl or sheet of water we pull up the bowl or the sheet to a smaller area for the water to reside in? Obviously the level of the water will be raised. As then the magnetic fabric by the movement of the moon raises the waters to a higher level gravity also comes to restrain it – lest those waters would rise to an unacceptable level.

The earth therefore as it utilizes its gravity by which the magnetic entity may latch onto these water molecules these at the same time also draw down on it. In all respects it serves to lift as well as restrain the waters. **The tides are a at all times a twofold affair**, within the elongation it rises, outside of the elongation the waters recede. The gravity thus that is upon the moon, or by the moon has nothing at all to do with our tides, **nothing whatsoever**, it cannot even come within 200.000 miles of us. **It is the mass of the moon coupled with its orbital velocity that places the strain upon the combined magnetic field or fabric directly between the two objects.**

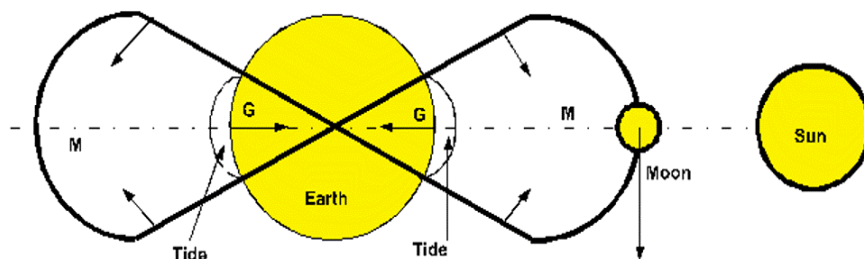


Figure 4. Dual tide and spring tides.

Figure 4 illustrates the magnetic fabric in its pattern and coordinate by a single circle laid over by a half wave resembling the figure of eight, so the elongation of any one side elongates the other side by equal proportions causing equal tides on both side of the earth. And with the sun, moon and earth in a single line the tides are still greater with the sun pulling on the moon as well contributing to a greater elongation.

The fact that the format of magnetic is by a figure eight of force is easily proven with any two magnets and some steel filings, when any one side is deformed to elongation so will the other side, that then also demonstrates the cause and nature to the tides.

Or if that is not convincing, a sensitive instrument to align itself with the center of the earth will shift its position with the approach of the moon and revert back to its original after the moon has passed. For so do we ourselves in our upright position however small that may be, and anything else not rigidly fixed to the earth such as our waters.

Conclusion

First and foremost, how is it that ever since Newton we have these laws of motion by which the force of gravity can be calculated at any radius and speed, and yet we continue to deceive ourselves as if the stars and planets were held gravitational? If at all we had placed ourselves behind a calculator we would have discovered that the gravity of the earth does not come to even 3300 miles from us, and that of the moon much less. Neither of these gravitational forces can even begin to reach each other.

Moreover a tug of war is always won by the stronger, and earth's gravity is far stronger than the gravity of the moon. The evidence is abundant, and in our own laws, am I therefore the only one, or the first to add 2 plus 2 to 4, and adapt mathematics?

Gravity – as the calculations show - is but a local force, and at that the female of force to her masculine man named magnetic, (Ref: 5) Even as it is by the power of magnetic that we are drawn to the earth, with gravity providing the intricate precession whereby all substances may be embraced by those masculine arms of her man to draw it down to its center at a fixed precessional rate.

Precession then is a circular movement and as such the inclination to gravity, like as a nut turning down on a long threaded bolt so we are drawn to the magnetic center by the power of magnetic, the inclination as gravity is the nut. If the treads are 32 per inch all media will go down at that speed, a lead weight will not fall any faster than a feather, since both are driven by the number of threads, or precessions per given area. The Hubble space telescope at 353 miles from earth at a gravitational or inertial factor of 28.66 will at first only fall at the rate of 28.66 ft/sec/sec, then increase as it nears the earth.

Then there are those steam locomotives all of whom also utilize magnetic power whereby to move the train namely the many molecular atoms that by heating were driven to high revolutions expanding their magnetic format. In reality, speaking fundamentally, we by compressing the steam are driving untold many magnets into each other that then by their release is none other than magnetic power driving the piston. It can also be said; "as expanding gasses." But that statement is elementary, not fundamental. If I shall be wrong, which of course I am not, or I would not have said so, grant me a clear "FUNDAMENTAL" picture of how and why these H₂O molecules by merely heating come to expand so greatly, and/or gasoline for that matter.

Or again if higher revolutions upon the magnetic coordinate does not expand its format then ask the power companies why they do not hang their conductors on those large power poles directly under the arms? They might answer to be using common sense that agrees with my teaching.

If anything we ought to revise our teaching in all of our learning centers to abide with truth rather than fiction.

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Ref 5: <http://www.leonardswebpage.info/Leonards/fw27.htm> and pages 28, 29, 39, 40, 44 54, 55, 58, 60, 70.