

The Effects of Gravity on the Mind's Perception

by

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Abstract

This paper demonstrates that by using Noetics, the mind can quantitatively track the earth's annual elliptical orbit around the sun, due to the change in the earth-sun gravitational attraction. These measurements have a remarkable correlation coefficient of 0.9999 to the inverse of the Newtonian gravitational force raised to the power of 6.

Introduction

Comprehension of the structure of the universe requires a theory of quantum gravity. Attempting to link quantum physics with general relativity is one current approach. Many researchers, including the author, believes that the solution lies not just in physics, but involves consciousness and cognitive neuroscience (e.g. *References 1, 2, 3*) together with understanding the nature and perception of information. As dowsing involves all these factors it has proved to be a powerful and relevant research tool (*Reference 4*), and in this paper is utilised in a non-orthodox approach linked by geometry.

Qualitative findings when dowsing gravity have been known for several years. Taking dowsing measurements at sea level and then repeating these measurements in aircraft or up mountains suggest that these very small reductions in gravity produce a relatively large increase in dowsed lengths. But is this result due to gravity or could it be caused by either decreases in pressure or increased vorticity or both? The latter are also known to affect dowsed measurements. The experiments described here attempt to determine a mathematical connection between gravity (over terrestrial and astronomical distances) and perception, and eliminate other causes for the observed effect.

The strategy adopted is based on a complementary series of papers examining several local and non-local factors which affect dowsing measurements, and give an insight into perception and consciousness. (*References 5, 6, 7, 8, 9*). These experiments have been made over a two year period to discover how the orbit of the earth round the sun, and hence the changes in gravity, affect instinctive or dowsing measurements. Having discovered many potential perturbations (due to such factors as daily, lunar monthly, tidal, new and full moons all affecting measurements), this experiment has been restarted several times with improved protocols.

This article is a summary of the concepts which are augmented on the author's website <http://www.jeffreykeen.co.uk>

Yardstick and Protocol

A standard yardstick and protocol (*Reference 10*) published in <http://vixra.org/abs/0910.0037>, has been adopted. This involves geometry and the simple measurement of the length of a dowsable line.

The optimised protocol was to take readings 2 hours after sunrise, twice a lunar month, at the last quarter and first quarter. These eliminate the perturbations due to variations during the day, and special effects at new and full moon; these being the major sources of error.

Stellarium software was used to obtain retrospectively the distance in Astronomical Units (AU) between the sun and earth during the duration of the experiment. Calculations of the gravitational force were made after results were analysed and the graphs were plotted. This eliminated any pre conceived ideas of when peaks and troughs should occur, and any charges of self deception by measuring what was expected.

Findings

The dowsing intent was to measure how the length of a line (by dowsing pure geometry with the line generated by a dot) was affected over a year by the varying force of the sun's gravity due to the earth's elliptical orbit. In general, the findings are as expected. Dowsed lengths are at a maximum at aphelion when gravity is minimum as the earth is furthest from the sun. Similarly, dowsed lengths are at a minimum at perihelion when the earth is closest to the sun. Confidence is high that gravity is the correct cause and effect, having eliminated such possible alternative correlations as increased temperatures or hours of sunlight in summer. However, on closer inspection there are two anomalies that require an explanation.

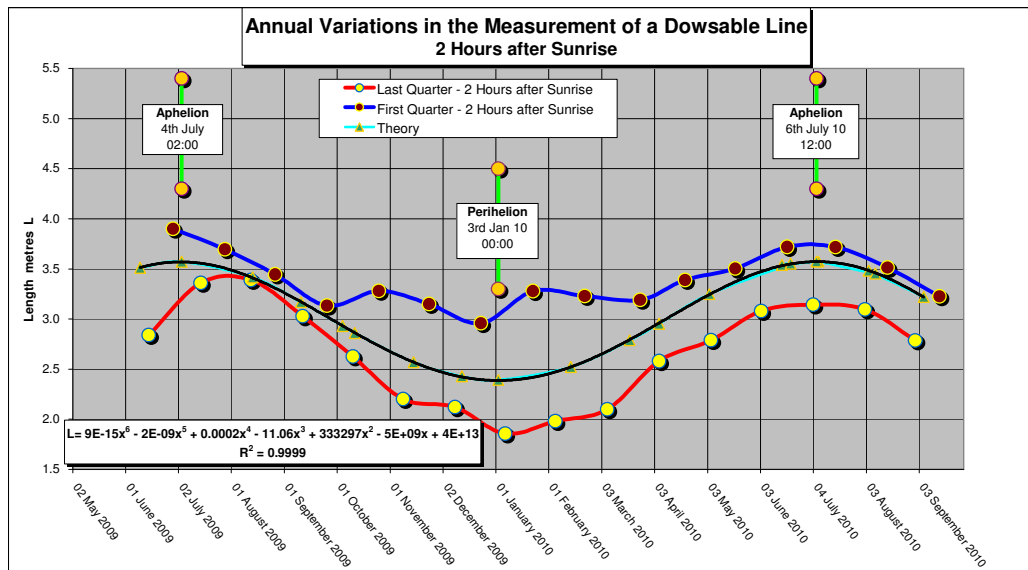


Figure 1

1. As is apparent from the attached graph, the curve for the first quarter measurements (dark blue line) is significantly above the last quarter curve (red line), and is much flatter. The change in gravitational force in the 2 weeks between readings for each lunar month would not cause this duality. This suggests that an additional factor(s) to gravity has inadvertently been dowsed; most likely caused by the orbit of the moon around the earth. For the first quarter

- reading the moon's orbit is in the same direction as the earth's orbit, but on the last quarter reading the orbits are in opposition. The assumption has been made that taking an average of the two curves eliminates the effects of the moon, and gives the true correlation with the desired gravitational effect. The effects due to spin have been eliminated by cancelling out the positive and negative spin vectors.
2. There is a second order sine wave perturbation on the two curves with a 3 and 2 month periodicity. The cause may be tidal. However, the effects of the moon's orbit on spin and tides, the weakest of the perturbations, could not be eliminated as adjusting the times for taking these measurements would have corrupted the results for the major factors. This tidal perturbation seems very small and does not significantly affect the results.

Analysis and Theory

The annual varying gravitational force between the sun and earth has been calculated using Newton's famous inverse square law. However, to explain the findings, this gravitational force has been **increased to the power of 6, and then the reciprocal taken**, as set out in Table 1. This theoretical mathematical conclusion produces a very good **visual** confirmation by superimposing it as a third curve which seems to fit very well between the middle of the blue and red curves. This theoretical curve is in bright blue, with a black trend line which gives the printed polynomial equation with an unbelievable correlation coefficient of 0.9999! The data points on the x-axis are the dates when the accurate calculations were made. The y-axis is the inverse of the gravitational force to the power of 6. However, this relates to the accuracy of the polynomial equation to the theoretical curve, not to the precise mathematical fit to the average of the two raw data curves at the first and last quarters of the moon i.e. the red and blue data.

These theoretical calculations are in Table 1. On specific dates the AU distances between the earth and sun have been obtained from Stellarium software, and used the actual masses of the sun and earth and the gravitational constant G. The reciprocal of the result was used to reflect the reality that lower gravity produces longer lines. A heuristic normalising constant was used to superimpose axes.

The general result is consistent with previous qualitative findings on gravity, such as dowsing on the ground and then in aircrafts or up mountains. A very small reduction in gravity produces a large increase in dowsed lengths. We have demonstrated that this is not due to either reduced pressure or increased vorticity (*References 11, 12*) both of which would have increased perceived lengths, but observations show the opposite: increased gravity decreases lengths. Moreover, pressure is irrelevant in this experiment relating to the earth and sun, and is constant for the location of the observers. The possibility that the variation in measured length could be due to spin can be eliminated because, if so, length would increase at perihelion where vorticity is greatest, but the curves of length in Figure 1 are a minimum at perihelion.

Summary of Conclusions

A major achievement of this paper is that experimental results when dowsing gravity have, for the first time, been measured, analysed and documented. The findings here have not only been shown to be repeatable, but have demonstrated a strong link between, consciousness, gravity, and spin across the solar system.

The main negatives were that the protocol and dowsing intent used were not able to separate the effects caused by spin from those due to gravity. Nor were the effects of tides eliminated.

These are significant results not only in investigating how dowsing works, but possibly more importantly, for adopting the use of dowsing in scientific research, and furthering the study of consciousness and the structure of the universe.

The Way Forward, and Suggestions for Future Research

As always, discoveries in research generate more questions than answers. Suggested topics for future research include the following.

- Similar experiments should be repeated with a positive intent to see if the mind can separate spin from gravity.
- Similar experiments should be repeated in free-fall conditions. If lower gravity produces increased dimensions, what happens in no gravity? When dowsing, are acceleration and gravity equivalent?
- As gravity influences people's perceptions, further research is justified into whether there are linked physical and health implications as well.

Postulations

These results lead to the following exciting postulations.

- The mind interacts with the universe at the Planck level where, dependent on intent, it can access relevant information about all physical forces surrounding the dowsed source object. This is also known as the Information Field.
- What does this 6 dimensional result tell us about dowsing, and the connection between consciousness and gravity?
- Do these findings support Verlinder's view of gravity (*Reference 13*) being an entropic force, or Einstein's view of gravity distorting the geometric fabric of space-time?
- Do these results support the theory of a 5 or 6 dimensional holographic universe?
- Do the findings suggest that the mind can access information held in higher dimensions of space-time?

This article is only a summary. Further details can be obtained on the author's website <http://www.jeffreykeen.co.uk/>

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Newton's Law of Gravitation

	Mass of the Sun	M	1.99E+30	kilograms						
	Mass of the Earth	m	5.9742E+24	kilograms						
	G		6.67E-11	m ³ kg ⁻¹ s ⁻²						
Force	F=G.M.m/d²		7.93E+44	m ¹ kg ¹ s ⁻²						
			/d ²							
						d = distance between the sun and earth				
	1 A.U.		149,597,871	kilometres		Gravitational Force	Order of Magnitude Adjustment	Reciprocal of Force	Raise to Power of	Pragmatic Normalising Constant
			1.49598E+11	metres						
	Date	d	d	d²	F	F/E+22	1/F	6	1/F^6	5,800
		A.U.	metres	metres²	m¹kg¹s⁻²					
	06 September 2010	1.00794	1.50786E+11	2.27363E+22	3.49E+22	3.488	3.297120	1800.439	0.9213	3.2214
	05 August 2010	1.01450	1.51767E+11	2.30332E+22	3.44E+22	3.443	3.340177	1665.598	0.9959	3.4822
	09 August 2010	1.01380	1.51662E+11	2.30015E+22	3.45E+22	3.448	3.335569	1679.451	0.9877	3.4535
	07 July 2010	1.01668	1.52093E+11	2.31322E+22	3.43E+22	3.428	3.354528	1623.300	1.0218	3.5730
Aphelion	06 July 2010	1.01667	1.52091E+11	2.31317E+22	3.43E+22	3.428	3.354460	1623.497	1.0217	3.5725
	16 June 2010	1.01590	1.51976E+11	2.30968E+22	3.43E+22	3.433	3.349402	1638.261	1.0125	3.5403
Solstice	21 June 2010	1.01620	1.52021E+11	2.31105E+22	3.43E+22	3.431	3.351381	1632.467	1.0161	3.5529
	05 May 2010	1.00860	1.50884E+11	2.27661E+22	3.48E+22	3.483	3.301439	1786.352	0.9286	3.2468
	06 April 2010	1.00066	1.49696E+11	2.2409E+22	3.54E+22	3.539	3.249651	1964.114	0.8445	2.9530
Equinox	20 March 2010	0.99588	1.48981E+11	2.21955E+22	3.57E+22	3.573	3.218685	2080.251	0.7974	2.7881
	14 February 2010	0.98756	1.47737E+11	2.18262E+22	3.63E+22	3.633	3.165136	2300.556	0.7210	2.5211
Perihelion	03 January 2010	0.98328	1.47096E+11	2.16374E+22	3.67E+22	3.665	3.137754	2423.670	0.6844	2.3931
	13 December 2009	0.98446	1.47273E+11	2.16894E+22	3.66E+22	3.656	3.145296	2389.009	0.6943	2.4278
	15 November 2009	0.98910	1.47967E+11	2.18943E+22	3.62E+22	3.622	3.175015	2257.939	0.7346	2.5687
	12 October 2009	0.99799	1.49297E+11	2.22896E+22	3.56E+22	3.558	3.232345	2028.058	0.8179	2.8599
	05 October 2009	1.00000	1.49598E+11	2.23795E+22	3.54E+22	3.544	3.245379	1979.679	0.8379	2.9298
	11 September 2009	1.00655	1.50578E+11	2.26737E+22	3.50E+22	3.498	3.288032	1830.503	0.9062	3.1685
	14 August 2009	1.01285	1.5152E+11	2.29584E+22	3.45E+22	3.454	3.329321	1698.451	0.9766	3.4149
Aphelion	04 July 2009	1.01665	1.52089E+11	2.3131E+22	3.43E+22	3.428	3.354350	1623.817	1.0215	3.5718
Solstice	10 June 2009	1.01522	1.51875E+11	2.30659E+22	3.44E+22	3.438	3.344920	1651.478	1.0044	3.5120

Table 1

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