

About the Wang Eclipse, third time

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This article is discussing two alternative interpretations of the registrations from the Wang eclipse in China 1997. One interpretation is refuted and the probability for the second alternative is estimated as very low. According to this author gravitational shielding still is the most probable description.

1. Background

The Wang eclipse has been discussed in [1] and [2]. Arguments have been presented in these two articles to be in conflict with two different interpretations based on the corona of our sun. It was also demonstrated that gravitational shielding in the combined effect of gravity from our sun and our moon could explain the registration from 1997. The fact that the registration contained two negative bumps instead of one positive bump was explained. The reason to this phenomenon was described by including the shielding effect on our planet together with the effect on the gravimeter mass.

This article considers two suggested alternatives. The first one is about an effect caused by the optical shadow of the Moon passing over our planet. The second one is an effect from the solar wind on the gravimeter mass.

2. The Optical Shadow from the Moon

Light from our sun is a wave motion demonstrating aberration in the same way as stellar light and pulsar signals depending on the orbiting motion of our planet. The time delay of about 8 minutes in light from our sun is therefore relevant. Gravitational shielding is an effect produced inside our moon due to attenuation of a flow of ether particles. This flow already exists with constant direction when the Moon arrives. Constant direction follows from the fact that the mass of our sun dominates in our planetary system. Therefore, we observe no aberration in gravity from our sun.

Aberration exists in the small shielding component but this aberration is very small since the Moon moves with 1 km/s only and the delay in this shielding effect is only about 1 second. The registration in Fig 1 confirms this. The optical effect is about 8 minutes delayed in relation to the gravity effect. This time relation refutes the idea that the optical shadow should produce the gravimeter effect.

3. The Solar Wind

It has been suggested that particles in the solar wind could be shielded by the Moon and thereby cause the effect in the gravimeter mass. This idea, based on particles, is not disproved by the observed 8 minutes time delay for waves. However, the fact that the gravimeter registers two bumps is difficult to explain in this model. An effect due to gravitational lensing appears not very plausible. The gravimeter is double shielded and this fact reduces also the probability of reality for this model.

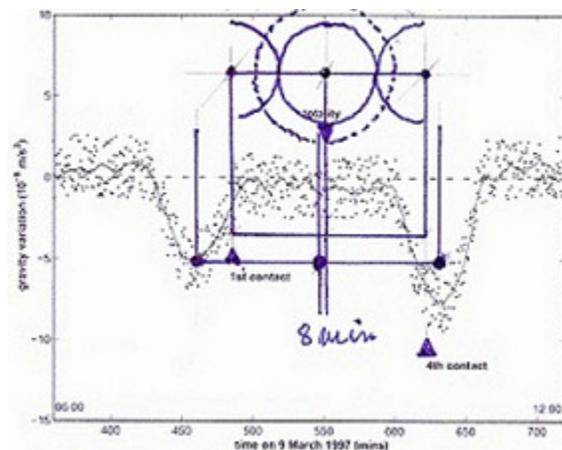


Fig 1 describes measurements of the total eclipse of the Sun on 9 March 1997. The solid curve is the averaged variation over a moving 10-minute window. The Moon's position is marked by hand drawing for the beginning and end of the optical eclipse.

4. Conclusions

Two different effects from the corona of our sun have earlier been refuted and the optical shadow of the Moon can be refuted as well.

An effect from the solar wind is very difficult to unite with the fact that we have two bumps instead of one in the registration.

An effect caused by gravitational shielding during the eclipse is still the most probable cause of the observed effect.

References

- [1] John-Erik Persson, "About the Wang Eclipse", Proceedings of the NPA 2012. www.worldsci.org/pdf/abstracts/abstracts_6620.pdf
- [2] John-Erik Persson, "About the Wang Eclipse, again" www.worldsci.org/pdf/abstracts/abstracts_6821.pdf