

## ***Interactive comment on “Observation of a tidal effect on the Polar Jet Stream” by C. H. Best and R. Madrigali***

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In the answer clarified scientific concept that cannot be a coincidence the shift period of JS with the variation of the 28gg lunar phases. Is explained with mathematical rigor with high probability of coincidence of the variations of AO in maximum value with minimum gravitational pull with a respected stage 40 out of 46. It reiterates the perfect match of correlation eclipses and gravitational force majeure that has etched with relevancy on the variation of the AO. In addition in temporal graphics 1950> 2015 on latitudes 60 and 45 has noted a change in the strength of the Tides in propagation of effect in 5 days after the peak. The conclusion is even more complete with the explanation of the exchange period of the Jet Stream in step with a monthly periodicity in 28gg. There are scientific texts that speak of a change in the monthly weekly more step JS interference

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in New Moon and full moon phases. The root cause was hitherto unknown and all scientific papers are reporting just literally "the Jet component has a monthly period of variation for reasons as yet unknown". The paper is demonstrated with charts and formulas unavoidable which is obvious the interference of the Tides on the moods of JS over 28gg exercised by phases of the Moon and tidal gravitational force-(Tides).

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Interactive comment on Atmos. Chem. Phys. Discuss., 15, 22701, 2015.