

Exploration of the Effect of Local Geomagnetic Activity and Tibetan Buddhist Meditation on Psychic Awareness

Results:

Geomagnetic activity was at its lowest level since records began over 100 years ago. This meant that the original project of ascertaining variation in effect on psychic awareness from sunspot minimum to maximum could not be determined. Therefore, results from both the preliminary and follow-up studies were combined. The main findings were:

- 1) Overall, males scored significantly negatively (mean psi score = -0.15, $p = .02$, 2-tailed), whereas females scored at chance levels (mean psi score = 0.02); the difference was significant ($p = .03$).
- 2) Although the first hypothesis was not supported significantly, psi scoring did drop-off at high levels of band 3 GMA as predicted. The GMA threshold at which scores dropped was lower than hypothesized, but close to that observed in a recent study of local GMA during 100 remote viewing trials conducted at Lancaster University.
- 3) Participants achieved high scores during periods of very low band 3 GMA. This pattern was also observed in the Lancaster University study mentioned above, but not in other data sets studied by Ryan.
- 4) Hypothesis 2 was not supported. There was no indication of an enhancement of psi scoring during periods of high band 1 activity. This is probably attributable to the extremely low levels of GMA during the study.
- 5) The exploratory hypothesis, that the participants responding most strongly to GMA would be those with the highest scores on the TLE questionnaire, was marginally significant ($p = .06$).
- 6) A second exploratory hypothesis postulating a link between daily temperatures and psi scoring was in a similar direction to that predicted but not to a significant degree.

Published works:

a) Published paper:

Roney-Dougal, S. M., Ryan, A. & Luke, D. The relationship between local geomagnetic activity, meditation and psi. Part 1: Literature review and theoretical model, *Journal of the Society for Psychical Research*, (2013). 77 (2), 72 – 88.

Area(s) of interest:

Geomagnetic activity; psychic awareness; meditation

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