

Anomalous Magnetometer Data on September 11, 2001

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Overview

- Known anomalies on 9/11
- Geomagnetic fields on 9/11
 - Alaska, elsewhere
 - Terrestrial / non-terrestrial
- Ordinary explanations
- Extraordinary explanations
- Discussion & speculation
 - Not intended to prove anything, but to encourage further investigations



Theories vs Proofs

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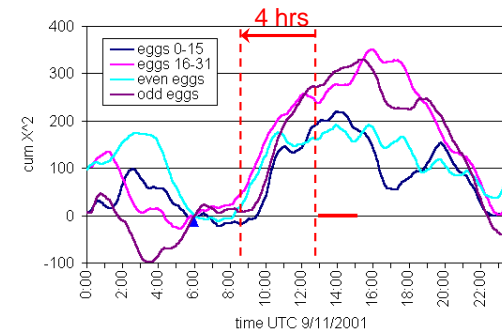
Known Anomalies on 9/11/2001

- Global Consciousness Project – RNG deviations
- www.GotPsi.org – Card guessing hit rate
- www.GotPsi.org – Keyword content (Radin, IONS)
- Stock market – unusual activity
 - 9/6 – UAL shorted, put/call ratio 12:1
 - 9/10 – AA shorted, put/call ratio 6:1
 - “innocuous” - *9/11 Commission Report*, p. 499
- Precognitive dreams, visions, etc
 - <http://www.boundary.org/bi/premon911.htm>

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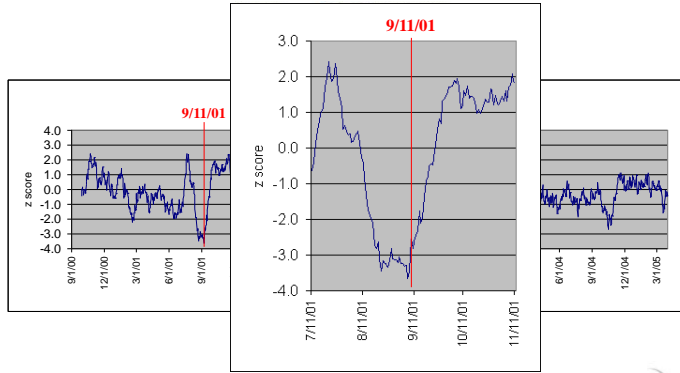
GCP – Random Generators



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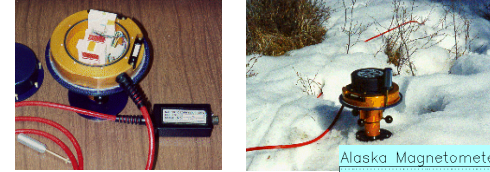
GotPsi.org - Card Guessing



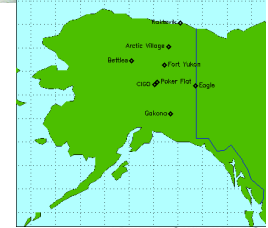
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Fluxgate Magnetometers



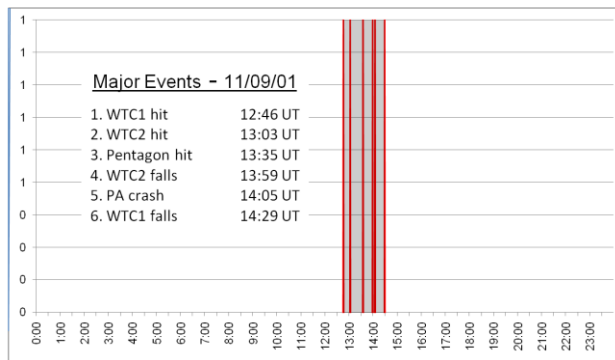
Alaska Magnetometer Data Sites



- Narod Geophysics, Vancouver, BC
- 3-axis, 8 16-bit samples/sec
 - Temperature stability: < 0.1 nT/deg
 - Long term drift: < 10 pT/day

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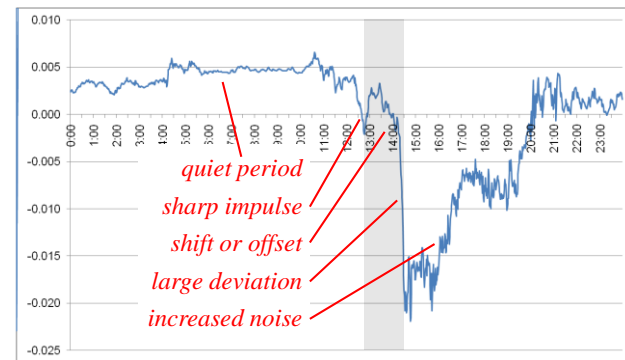
9/11 Event Times



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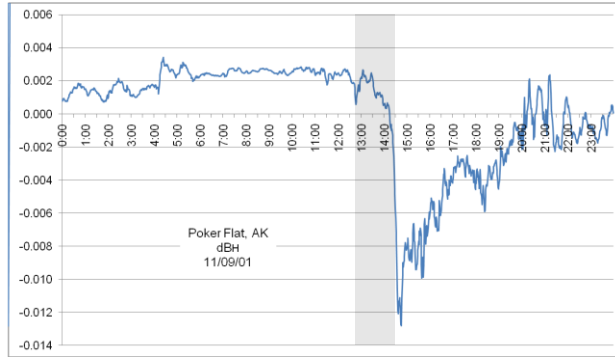
Geomag – Fort Yukon, AK



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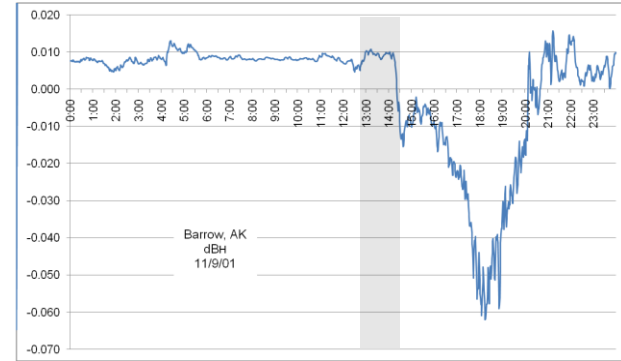
Geomag – Poker Flat, AK



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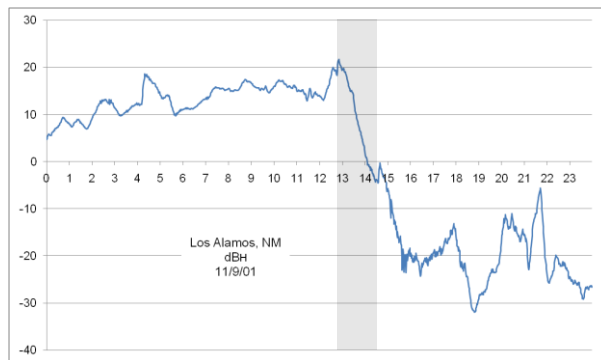
Geomag – Barrow, AK



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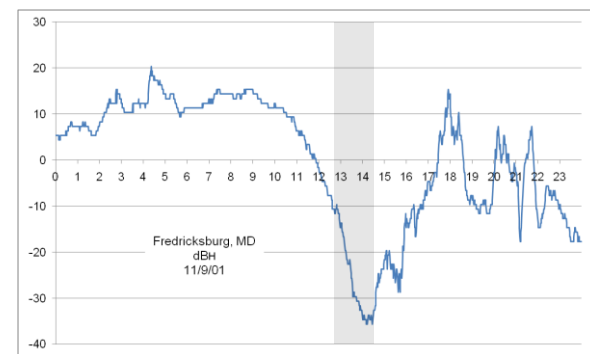
Geomag – Los Alamos, NM



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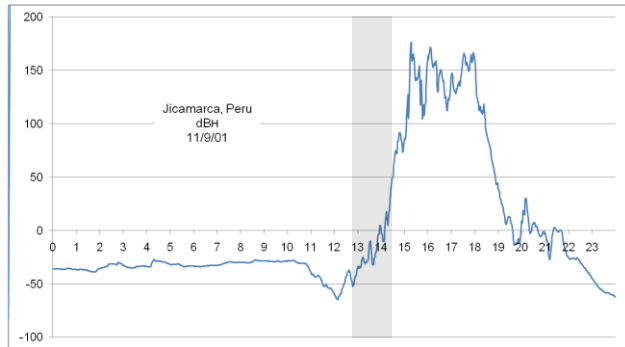
Geomag – Fredricksburg, MD



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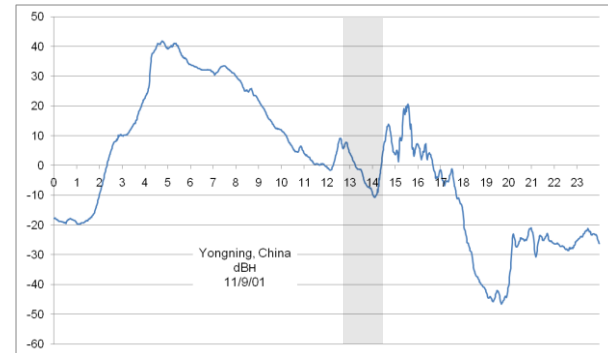
Geomag – Peru



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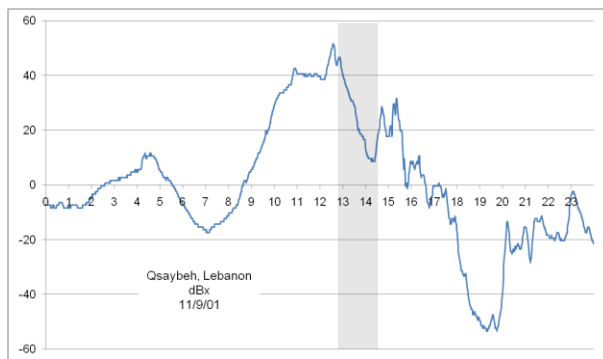
Geomag – China



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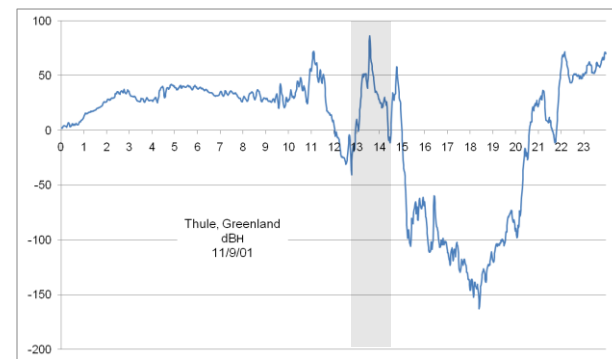
Geomag – Lebanon



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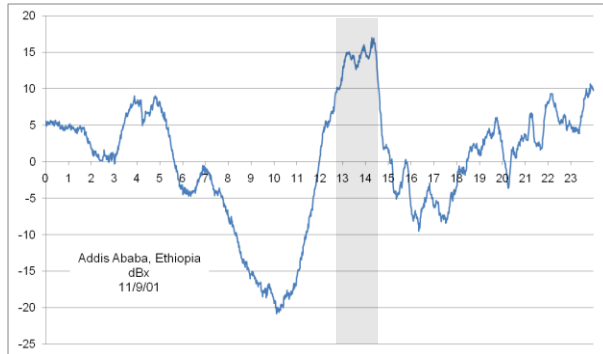
Geomag – Greenland



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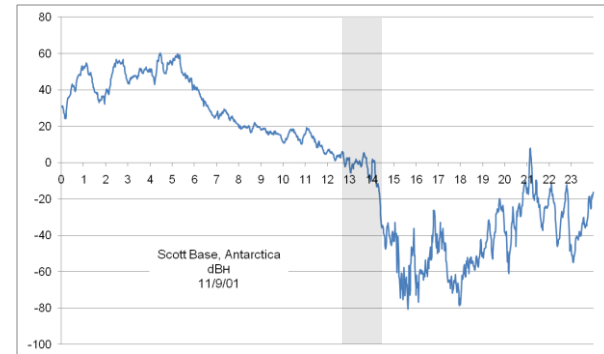
Geomag – Ethiopia



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Geomag – Antarctica



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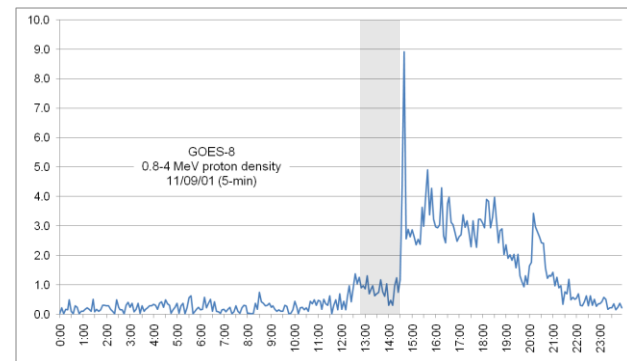
Magnetic Field in Orbit – GOES-8



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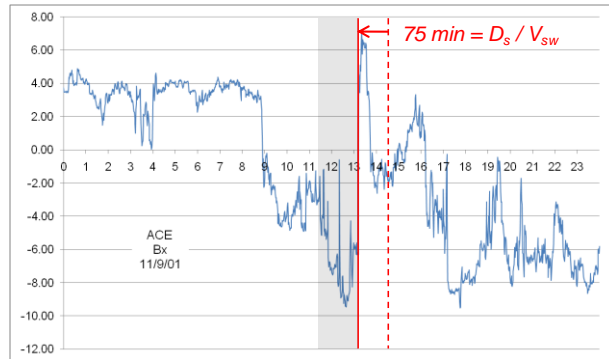
Solar Wind – GOES-8



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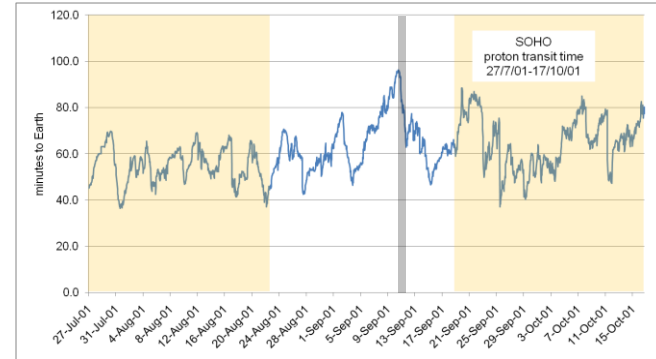
Interplanetary Magnetic Field - ACE



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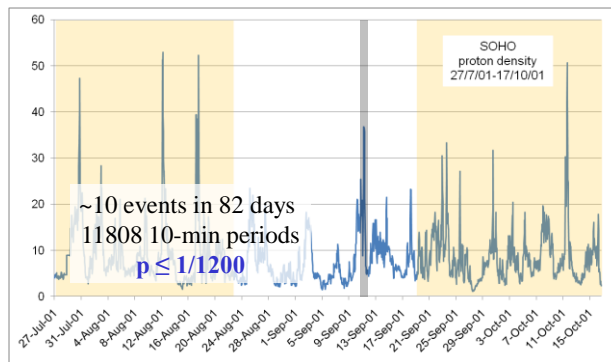
Solar Wind Speed - SOHO



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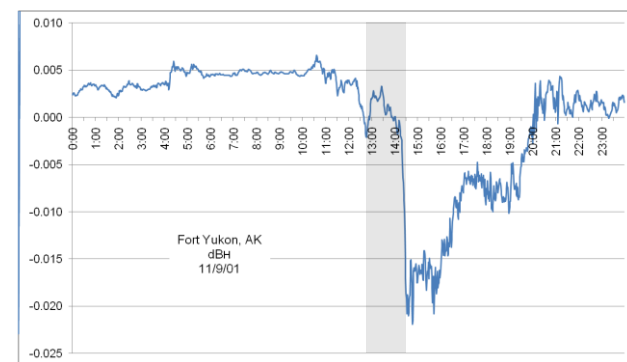
Solar Wind Density - SOHO



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Geomag – Fort Yukon, AK



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Summary

- Geomagnetic field disturbances on 9/11/2001
 - Typical, but surprisingly coincident with events
 - Not only in Alaska, but globally
 - Not terrestrial, but also in near-Earth satellites
 - Not just magnetic, but also in solar wind protons
 - Not just near-Earth, but also at L1, earlier by $V_{\text{solarwind}}$
- The data seem to imply that:
An eruption occurred on the Sun, travelled to Earth, and globally disturbed the local geomagnetic field at several moments of highly unusual human events.

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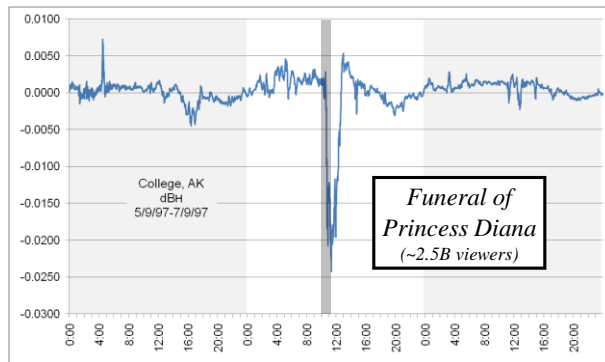
Ordinary Explanations

- Just a big coincidence ... Yes!
- Alaska: NORAD, military and other radars, etc
 - *But effect seen globally and immediately, not localized and not delayed, wrong timing*
- HAARP, AK ("The Moby Dick of conspiracy theorists")
 - *Not operating at that time*
- Cellphones, emergency radios, power glitches, etc
 - *But effect seen globally, too much energy*
- Military hardware unknown
 - *But effect seen in SOHO & ACE ~1M miles away*
- **Solar activity** ...at exactly the right moment(s)...

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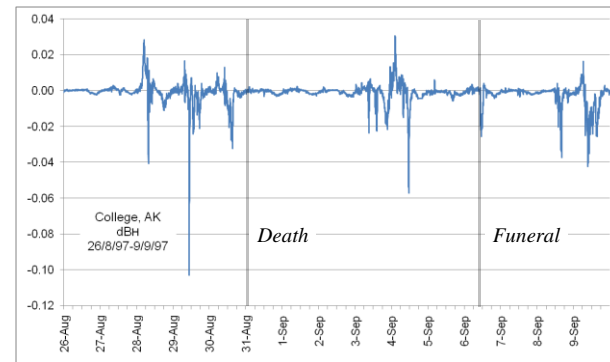
Geomag – 6/9/1997



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Geomag – 6/9/1997



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Extraordinary Explanations

- Retrocausal influence on solar activity...?
 - Global human events, attention, emotion
 - Experimenter Effect
- Some kind of "consciousness" field effect?
 - GCP - anomalies in randomness itself
- Very advanced technology (military, alien...)?
- A disturbance in "The Force"?
- etc

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Speculations

- Too Many Coincidences!
 - Objective calculations, not just selective choosing
 - Congruent with psi and other phenomena
 - Causality, randomness questioned
- Physics – retro-causation/influence
 - Causal relationship is time-symmetric
 - Events in the present are (completely?) determined by events and conditions in the past *and those in the future*.
 - No true randomness, no "collapse of the wavefunction"
 - See also EPR, Q delayed choice, Q eraser, etc.

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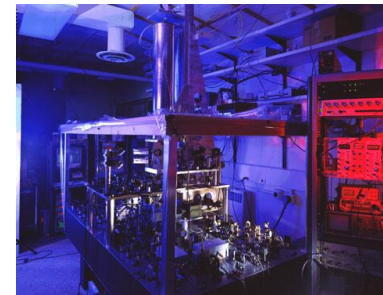
Acknowledgements

- SOHO proton and solar wind data courtesy of the SOHO/CELIAS team, <http://www.space.unibe.ch/soho>
- Alaska magnetometer data and pictures courtesy of the Geophysical Institute, University of Alaska, Fairbanks, <http://magnet.asf.alaska.edu>
- GOES magnetometer and proton data via SPIDR – Space Physics Interactive Data Resource, <http://spidr.ngdc.noaa.gov/spidr>
- Helpful discussions: Roger Nelson, Dean Radin, Peter Bancel, Hans Wendt, Rollin McCraty, Peter Sturrock

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Time's up!



NIST F1 Cesium Fountain Atomic Clock, Boulder CO
Primary Time and Frequency Standard for the United States
Uncertainty < 5×10^{-16} , i.e. 1 sec / 60M years

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