

The Abduction Monitoring Project: Research Design and Protocols

Presentation

by

Robert Powell

MUFON Director of
Research

Experimental Design

by

Dr. Mark Rodeghier

CUFOS Scientific
Director

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I. Objective

II. Background on Subject Matter

III. Design of Experiments

IV. Output Variables and Analysis

Objective

- *Generate and collect ideas for statistical analysis methods for the dataset*
- *Interest an impartial statistician to analyze the A.M.P. data*

Background

- U.F.O.s
 - S.E.T.I. and the Drake Equation
 - Some interesting statistics
- Abductions
 - Definition
 - Categories

UFOs

- S.E.T.I. and the Drake Equation
 - Search for Extraterrestrial Intelligence

$$N = R^* \times f_p \times n_e \times f_l \times f_i \times f_c \times L$$

- Some Interesting Statistics
 - >1300 pilot sightings of U.F.O.s since 1916
 - 5% of those sightings displayed E.M. effects
 - Over a dozen military sightings at ICBM sites
 - Many Western nations have had official UFO investigative projects, and France has recently revitalized its own efforts.

Abductions

– Definition

- Witnesses report that non-human entities take them onto a UFO to conduct various tests and procedures

– Possible Categories

- Hoax
- Psychological Delusion
- Actual event

Design of Experiments

– Physical Device to Measure Parameters

- 11 parameters measured, plus time and housekeeping measurements
- 1 sec increments between measurements
- Background noise of home environment recorded as a control
- 4 to 8 months of data on 13 different subjects
- Subject has no knowledge of parameters measured
- Data in ASCII format

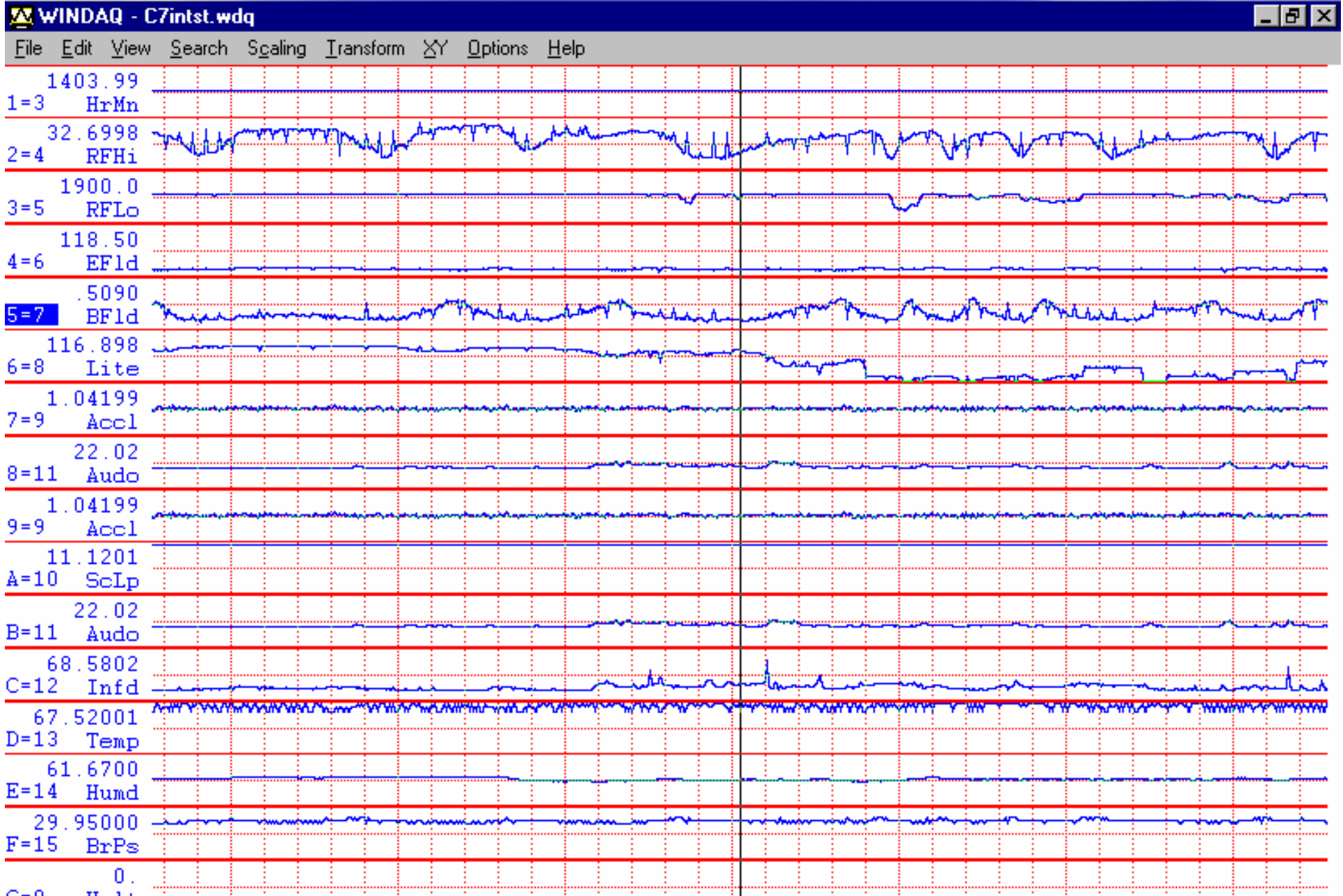
Design of Experiments

- Environmental Variables Measured
 - 1 Temperature
 - 1 Humidity
 - 1 Barometric pressure
 - 1 Acceleration (gravity)
 - 1 Magnetic field
 - 1 Electric field
 - 1 Ambient light
 - 1 Sound (level only)
 - 1 Microwave radiation
 - 1 Hi-Frequency (radio) radiation
 - 1 Lo-Frequency radiation

Detection Device



Screenshot of Data Recorded From Device



Example of the data format

```
log,day,hrmin,rfhi,rflo,efld,bfld,lite,accel,scloop,audio,infrad,temp,humid,barpress
99,150,1057,31.7,116,117.3,11.29,108.3,.998,20.08,2.135,62.46,66.88,51.8,28.39
99,150,1057,31.02,118,117.3,10.62,109,.971,20.08,2.809,62.43,66.88,51.8,28.39
99,150,1057,31.7,117.7,165.9,11.63,109,.975,20.08,2.135,62.43,66.88,51.8,28.39
99,150,1057,31.7,117.3,174.3,11.29,109,.992,20.08,2.135,62.5,66.88,51.8,28.39
99,150,1057,31.7,116.7,122.4,11.63,109,.982,20.08,2.135,62.5,66.88,51.8,28.39
99,150,1057,31.7,116.7,117.3,11.29,108.3,.946,20.08,2.135,62.43,66.88,51.8,28.39
99,150,1057,31.7,117.3,117.3,11.29,108.3,.971,20.08,2.809,62.46,66.88,51.8,28.39
```

log--a log number for the case
day--day of the year
hrmin--time
rfhi--radio frequency high
rflo--radio frequency low
efld--electric field
bfld--magnetic field
lite--light intensity
accel--acceleration (local gravity)
scloop--security check for device
tampering
audio--ambient noise
infrad--infrared
temp--temperature
humid--humidity
barpress--barometric pressure

Design of Experiments

- Abductee Daily Log of Experience
 - A bound journal with pre-formatted layout was provided the subject
 - Daily entries were made
 - Over 4-8 months there were only a few entries per subject indicating an abduction
 - Subjects were diligent in completing their journal

Today's Date 19 October 2000

Thursday 19
October

Do you think an experience occurred within the past twenty four hours?

No Yes Maybe

Please write about your thoughts and feelings today. You can write about experiences you may have had or anything else you think is important. If you need additional pages use the first available blank page after the dated pages, referencing its page number, filling in the date.

WITNESS: wife LOCATION: MASTER bedroom

WE retired AROUND 11:15 PM. I fell to sleep quickly. IT WAS A DEEP SLEEP. MY WIFE REMAINED AWAKE. BETWEEN THE TIME WE WENT TO BED AND MIDNIGHT, MY WIFE NOTICED A LIGHT SHOWING THROUGH THE LOWER HALF OF OUR BEDROOM WINDOW. IT WASN'T TOO BRIGHT AND HAD A YELLOW TINT TO IT. IT SOON BEGAN TO STROBE. SHE SOON NOTICED THAT ALL THE AMBIENT LIGHT IN THE ROOM SEEMED TO BE ABSORBED. THE ROOM GOT VERY DARK ALL SHADOWS IN THE ROOM FROM OUTSIDE AND INSIDE NIGHT LIGHTS FELL INTO DARKNESS. SHE SAID IT FELT LIKE THE WALLS WERE CLOSING IN. IT ALSO GOT VERY QUIET. SHE COULD HEAR NONE OF THE NORMAL SOUNDS. WE CALL THIS THE OZ EFFECT. SHE BECAME AWARE OF AT LEAST 2 BEINGS IN THE ROOM, BEFORE SHE LOST CONSCIOUSNESS. THE REST OF THE NIGHT FOR HER WAS A BLACK NIGHT. A BLACK NIGHT MEANS NO DREAMS OR WAKING UP IN THE NIGHT.

SHE HAD NO OTHER MEMORIES NOR DID ANYONE ELSE IN THE FAMILY. I CHECKED THE UNIT IN THE MORNING AND IT APPEARED TO BE WORKING FINE.

Output Variables and Analysis

- Independent analysis of the data required by a statistician not involved with the D.O.E.
- Hypothesis: Did the device record some change in the physical environment coincident with an abduction experience?

Output Variables and Analysis

– Possible Approaches to Detect an Event

- Test for an abrupt change in the value of one or more physical parameters at the time of an abduction event;
- Test for a change in the variability of one or more physical parameters at the time of an abduction event;
- Search for a certain pattern of physical values at the time of an abduction event.

Output Variables and Analysis

– Issues to address

- How to define a control period (minute, hour, day...)
- How many control periods to use when evaluating a potential abduction
- How to define the abduction time period
- How should a probability value be calculated to determine the coincidence of events

Interested?

If any statistician is willing to assist in analyzing portions of the data, please contact Robert Powell at 921-1155 .