

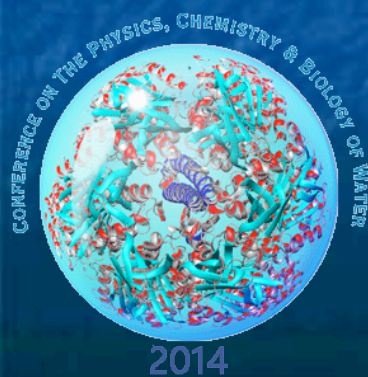
# Spectrographic Signatures in Water Induced by Radiant Fields from Enclosures of Various Materials

James DeMeo, PhD

Ninth Annual Conference on the  
Physics, Chemistry, and Biology of Water

9-12 October 2014

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Conference on the  
**Physics, Chemistry  
and Biology of Water**

*Bulgaria, October 9-12, 2014*

[www.waterconf.org](http://www.waterconf.org)

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# Extending My 2009 & 2011 Presentations on *Unusual Environmental Factors*

Postulate: Water Structure is influenced by a specific *Self-Organizing Negatively-Entropic Cosmic Life-Energy*, a pulsating, excitable medium similar to the older *luminiferous (luminating) Cosmic Ether of Space*, but highly water-attracting/affecting (W. Reich, G. Piccardi, V. Schauburger)  
====> ***COSMIC SPACE IS FILLED WITH ENERGY***  
====> ***Cosmic Space also has SIGNIFICANT WATER***  
***H, He, O are most abundant elements in universe***  
***H<sub>2</sub>O may be most abundant molecule?***

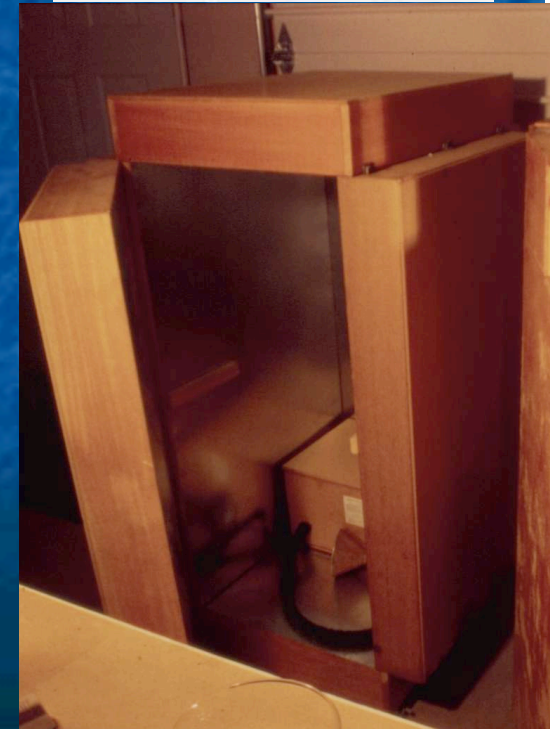
Congruent with modern theories of *Cosmic Plasmas* (Berkland-Alfven c.1960s), *Quantum Vacuum* or *Dark Matter* theory, but **not** with any “empty space” “dead-universe” theory of cosmology-physics-chemistry-biology.



Background:

Wilhelm Reich's *Orgone Energy Accumulator* was confirmed,  
over 40 years, leading to my  
investigations of  
“*Water as a Resonant Medium*”\*  
linking *Cosmic Energy in Space*, to  
*Atmosphere, Earth and Organisms*

\* J. DeMeo: “Water as a Resonant Medium for  
Unusual External Environmental Factors”,  
*Water* 3, 1-47, 18 May 2011.





# Confirmations of Reich Accumulator

- Orgone Biophysical Research Lab, Ashland, Oregon. High altitude, Low electromog
- Metal-Lined Orgone Darkroom, Similar to Layered Faraday Cage or Hollow Capacitor
- Verifications of Reich's thermal anomaly, bio-effects, radiation anomaly, high-vacuum anomaly, atmospheric effects, visual phenomena.



**Metal-lined orgone accumulator darkroom with stronger accumulator-chargers inside.**



## **The Orgone Energy Accumulator is a**

### ***World Class Discovery!***

- \* Boost of immune functions, parasympathetic stimulus, cohesion/charge of tissues; burn-wound tumor healing
- \* Many clinical studies published on biological, medical effects of the orgone accumulator.
- \* Other studies on Cancer Mice (2x to 3x lifespan over controls), Plant-Growth Stimulus & Anomalies in physics experiments.
- \* ***Orgone Accumulator Charge & Human Energy Level Diminishes on rainy days.***  
*"Pains due to weather" may be related.*

***Example: Worsening Bed Sore,  
Before Orgone Accumulator Treatment***



***Amputation imminent!***

Abbildung 36 und 37 vom 01.07.85

***After 3 Weeks of Daily Treatment***



K. Ribo: "Therapie eines ausgedehnten ulcus cruris venosum mit lokaler Orgon applikation", Noch unveröffentlicher Bericht, Hamburg 1985.

Abbildungen 40 und 41 vom 04.09.85



# Example:

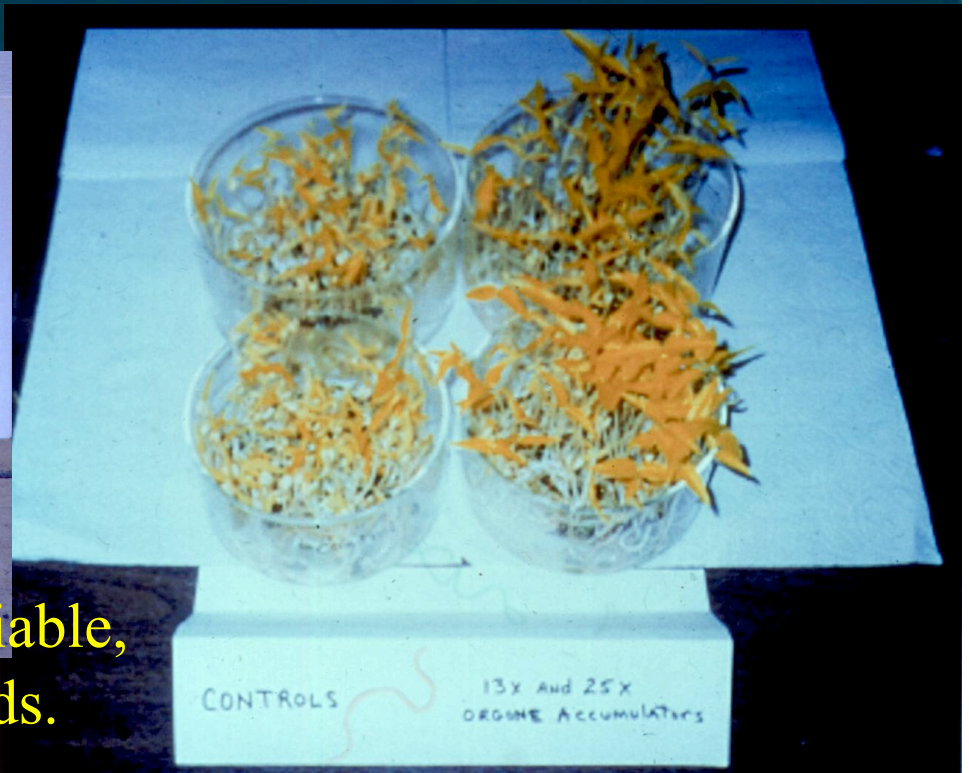
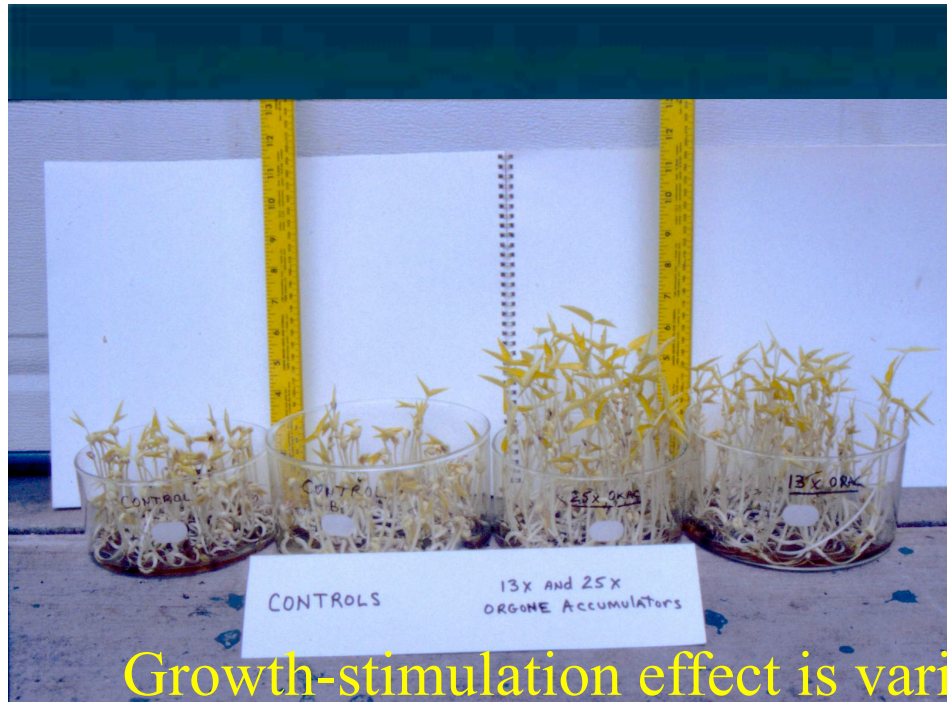
## Confirmations of Reich Accumulator

- Seed sprouting in water shows growth enhancement in ferromagnetic/dielectric *Orgone Accumulators* over control enclosures.
- 4-year study shows ~35% growth increase.  $p < 0.0001$



J. DeMeo: "Orgone Accumulator Stimulation of Sprouting Mung Beans", *Pulse of the Planet*, 5:168-176, 2002.





Growth-stimulation effect is variable,  
reduced over rainy periods.





Initial Question: *Are these bio-effects due to a direct influence upon biological water?*

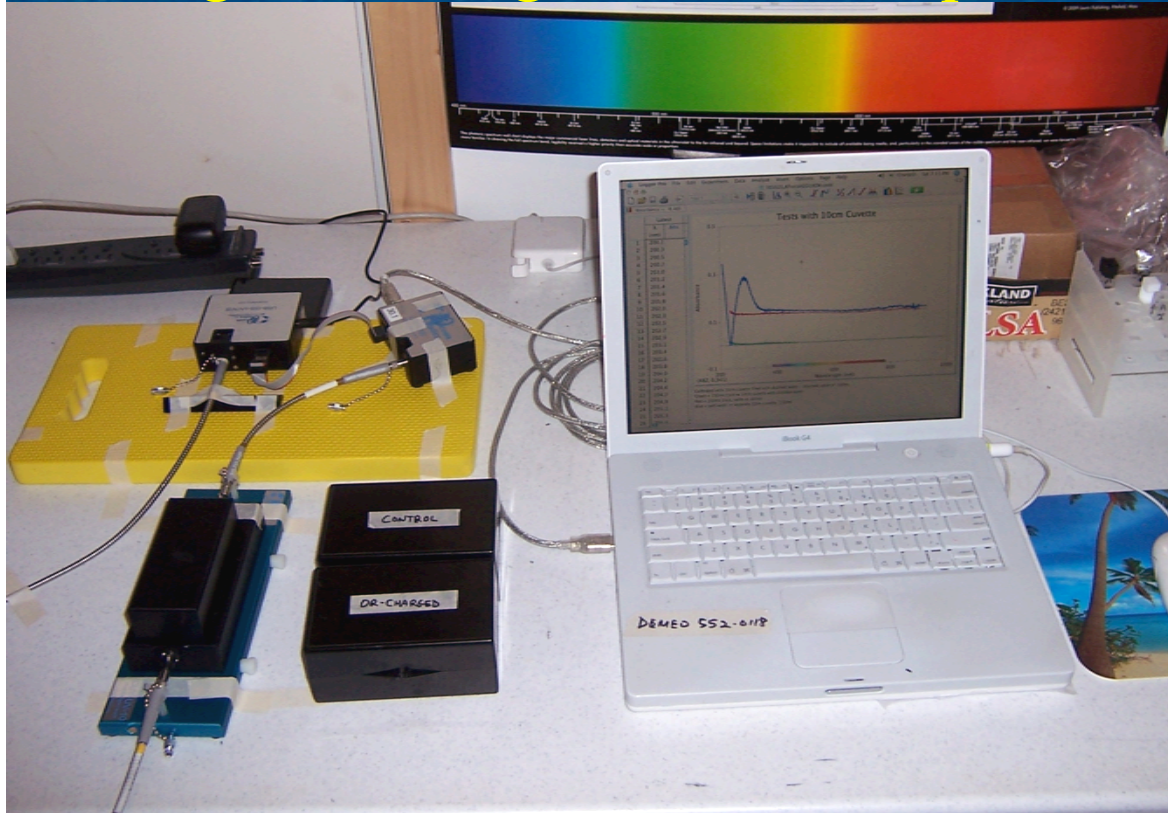
Orgone Accumulator functions:

1) can effect and are *affected by atmospheric humidity*

2) can also *stimulate changes in the physical properties of water.*



# *Spectrographic Indications 1:* Orgone-Charged Water Acquires Higher UV-Absorption



- Ocean Optics USB4000 UV-Vis 220-900nm
- 10cm Starna Cells Cylindrical Quartz Cuvettes
- “Solarized” UV-transmitting fibre-optics.
- Contrast of Control vs. Orgone-Charged Samples





# *Spectrographic Indications 1:* *Non-Contact Induction of Higher UV Absorption*



- Water samples maintained inside separate open-top beakers or dishes: Control & Orgone-charged groups. Then into 10cm cuvettes.
- Charging within special orgone charger inside laboratory.

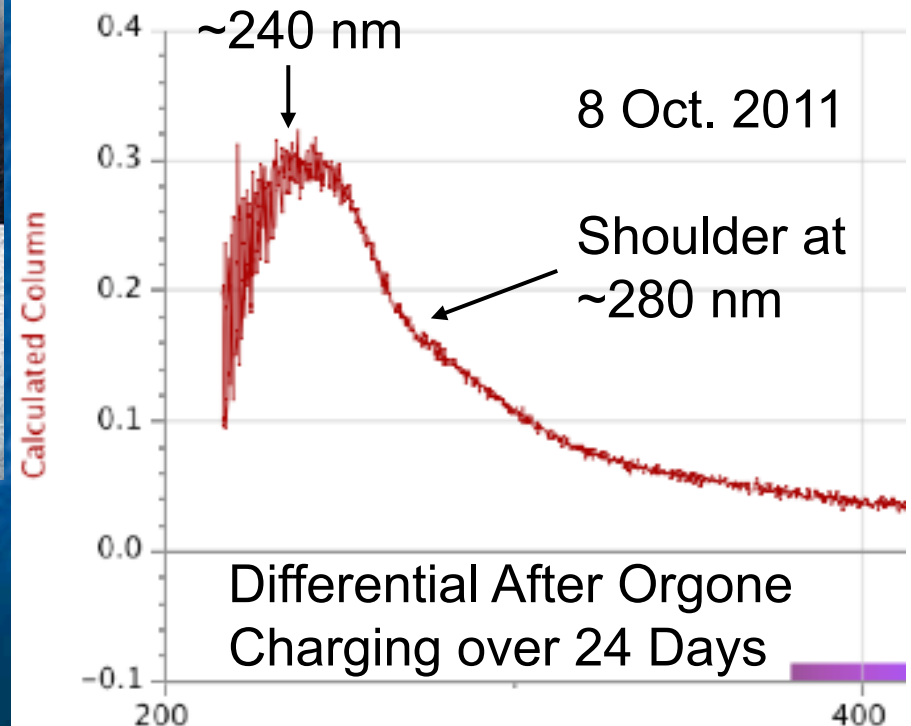
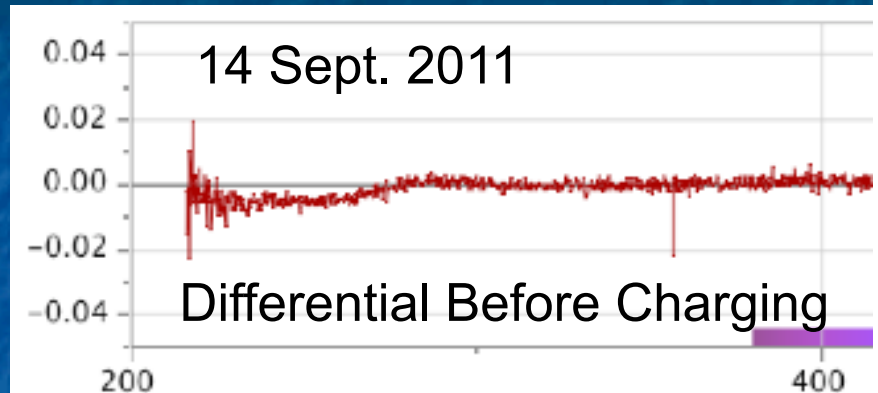


*Spectrographic Indications  
Orgone Accumulator  
Open Beaker Experiment  
Water Transferred into Same 10cm  
Cuvette, Orgone & Control Samples*



*Effect temporarily vanished during  
a Pacific Rainstorm, then quickly  
recovered: Memory Function?!*

*Using Local Well Water*

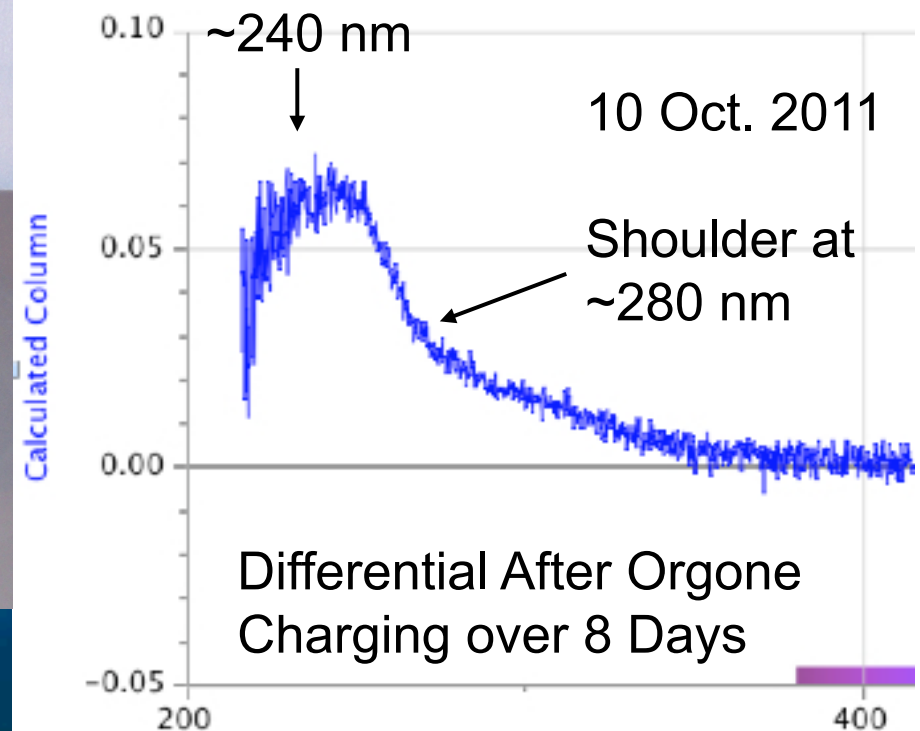
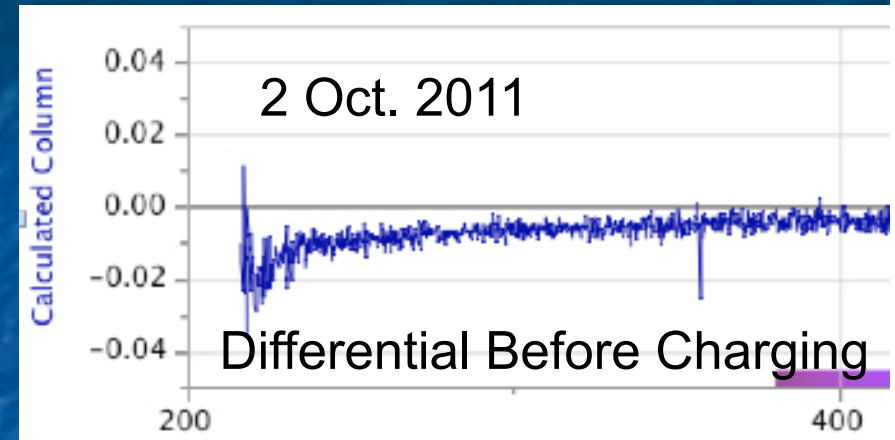




# *Spectrographic Indications 1. Orgone Accumulator*

Large Evap. Dish Experiment  
Water Transferred into Same 10cm  
Cuvette, Orgone & Control Samples

*Using Distilled Water*

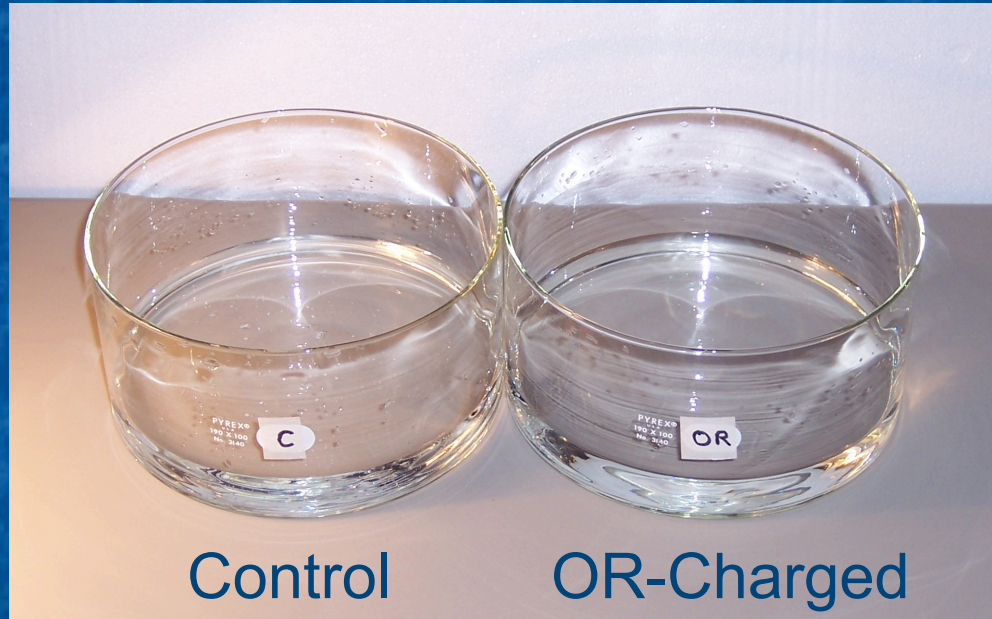




## *Spectrographic Indications 1.*

*Control Experiments indicate the increased UV absorption is NOT an influence of ordinary factors.*

*Control Water kept under identical conditions.  
(temp., humidity, ventilation, light-shielding, etc.)*

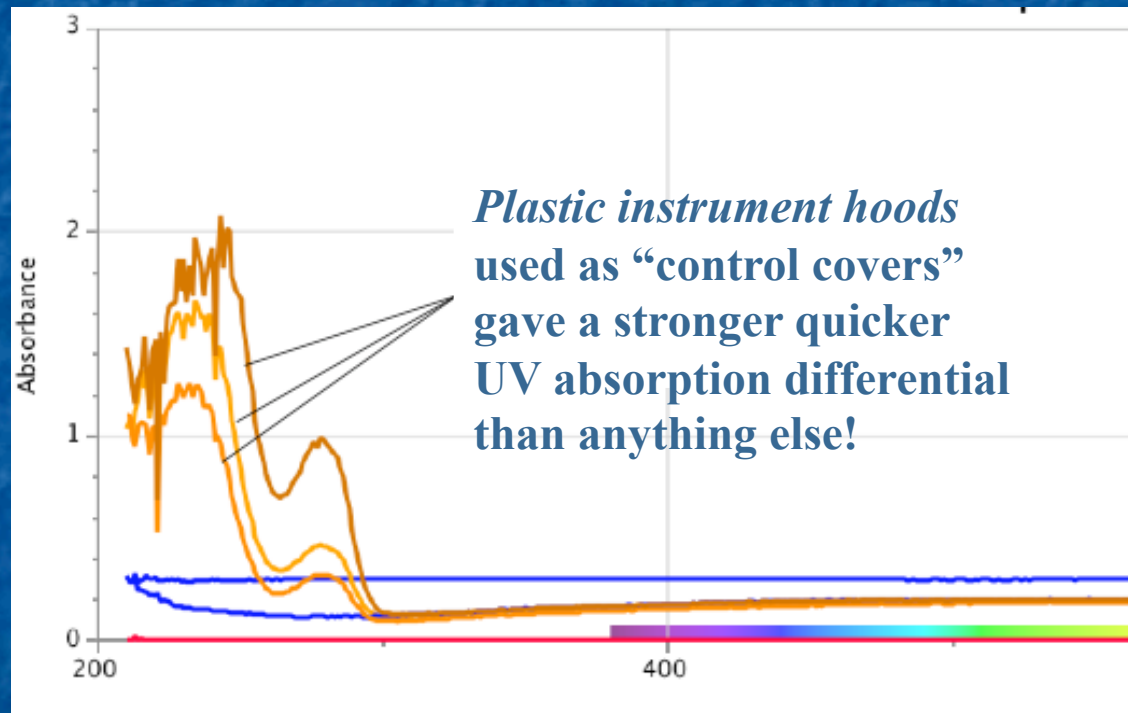


*Using Distilled Water, which only came into contact with  
Pyrex evaporation dishes, glass pipette and quartz cuvettes.*



## *Spectrographic Indications 1.*

*New Anomaly Discovered: Very quick, very high non-contact UV absorption induced by dielectric material.*



*Cellulose Acetate, Teflon, etc. UV absorption is initially stronger than Orgone Accumulator! (Nafion not tested!)*



*Spectrographic Indications 1.*  
*Other enclosure materials tested for*  
*non-contact induction of water UV absorption:*

Non-Metal Enclosures: Acrylic, lexan, wood, cardboard, fiberboard, glass, ceramics, slate stone, polyethelyene, styrofoam, cellulose acetate.

Metal Enclosures: Steel, Copper, Aluminum, Lead

Orgone Accumulator  
(Ferromagnetic + dielectric layerings)  
and Cellulose Acetate had the strongest  
influence on H<sub>2</sub>O UV absorption.

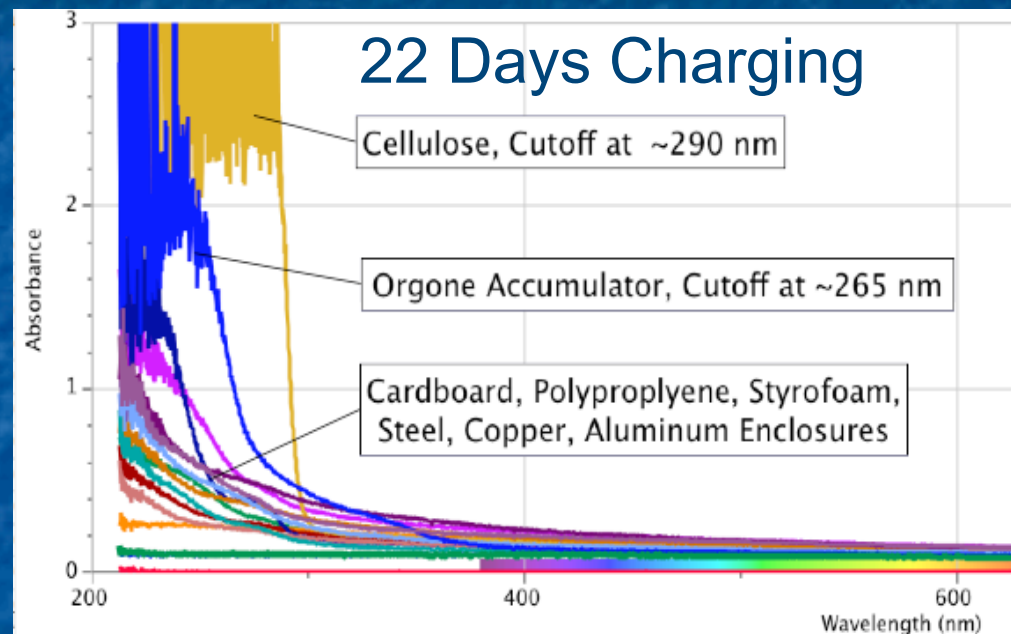
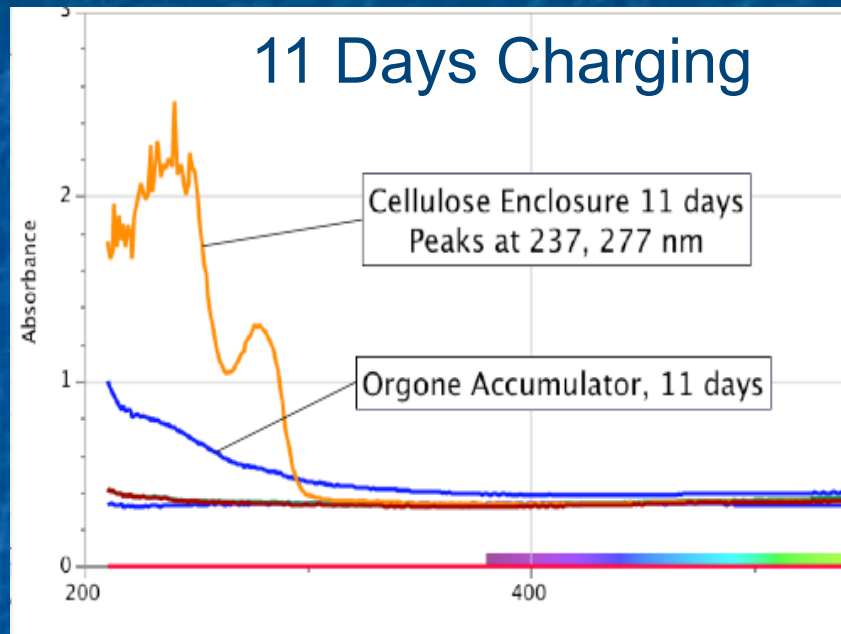


*Spectrographic Indications 1.*  
*Other enclosure materials tested for*  
*non-contact induction of water UV absorption:*





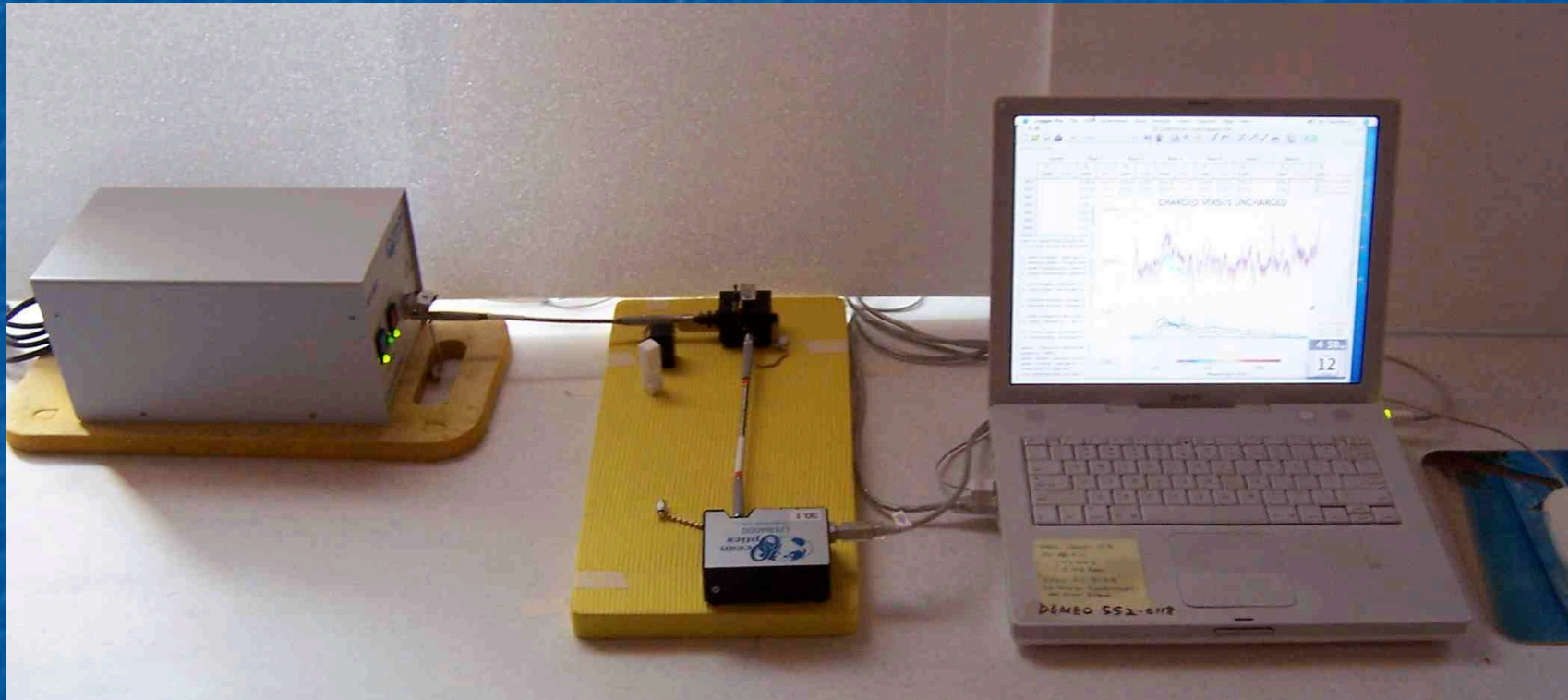
## *Spectrographic Indications 1.*



**Orgone Accumulator (ferromagnetic + dielectric layerings) and Cellulose Acetate had the strongest absorption differential. Cellulose was always faster to induce the UV-absorption**



## *Spectrographic Indications 2: Orgone-Accumulator and Cellulose-Charged Water Acquires a Blue Fluorescence (W.Reich: “lumination”)*

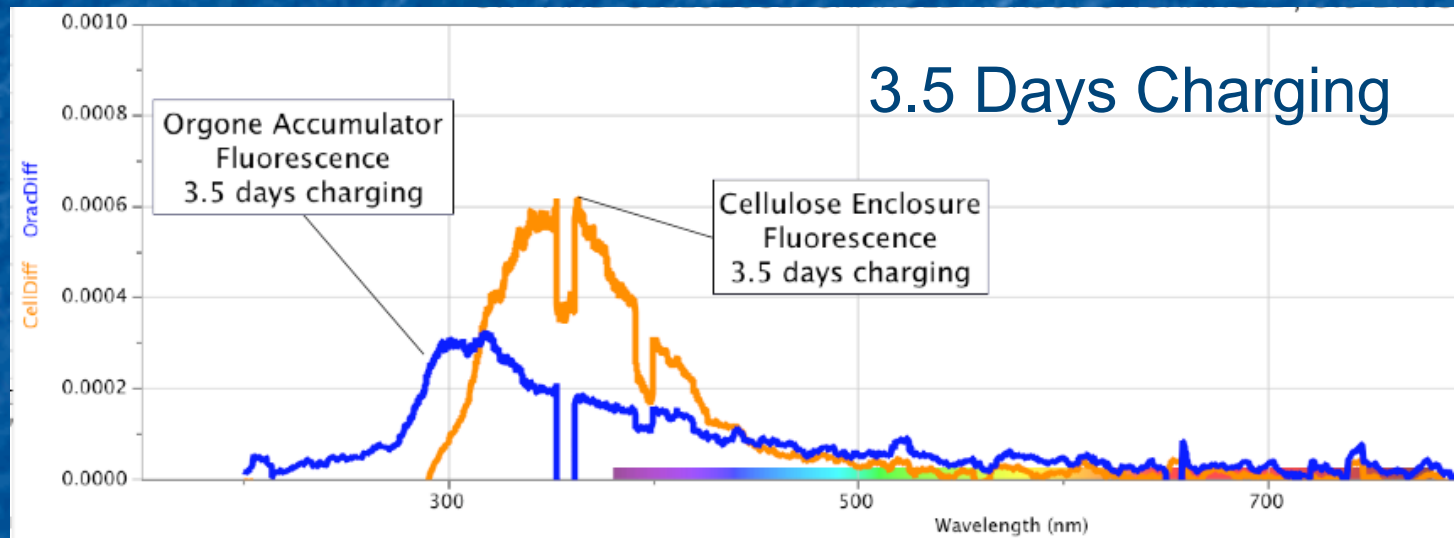


- Ocean Optics USB4000 UV-Vis 220-900nm Spectrometer
- 1cm quartz fluorescence Cuvettes & Stand
- “Solarized” UV-transmitting fibre-optics with DH-2000 DU light source.



## *Spectrographic Indications 2.*

### *Charged Water Fluorescence minus Control Water*

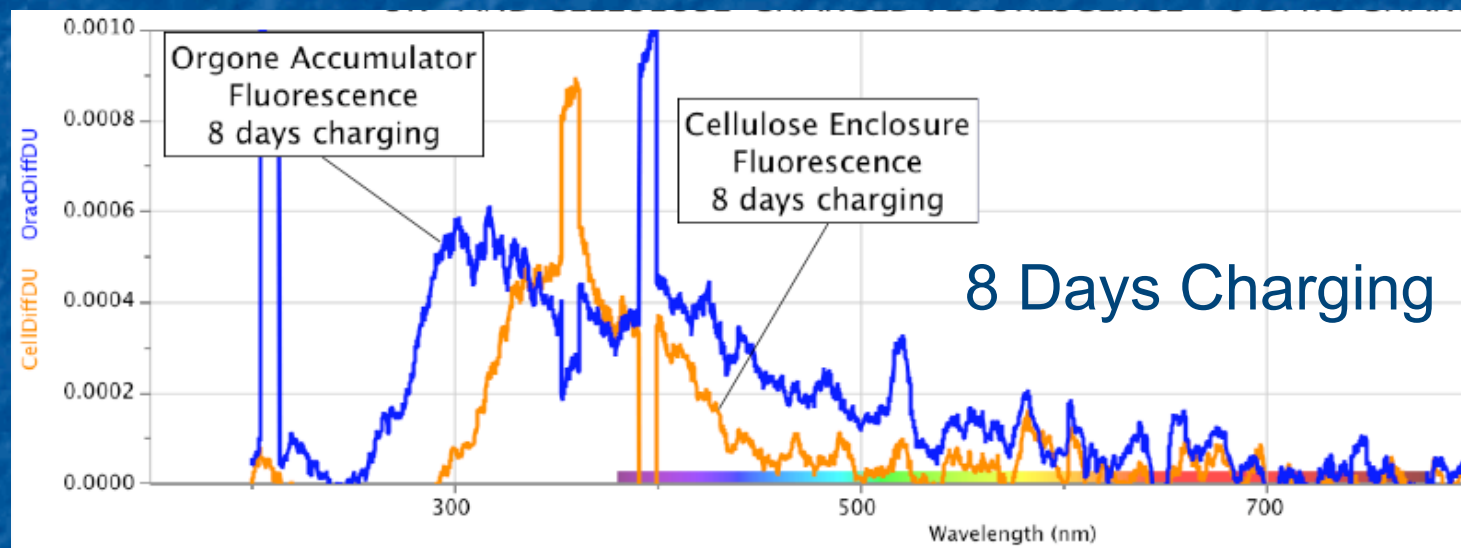


Orgone Accumulator and Cellulose Acetate can induce a non-contact water fluorescence signature.  
Cellulose always works faster!



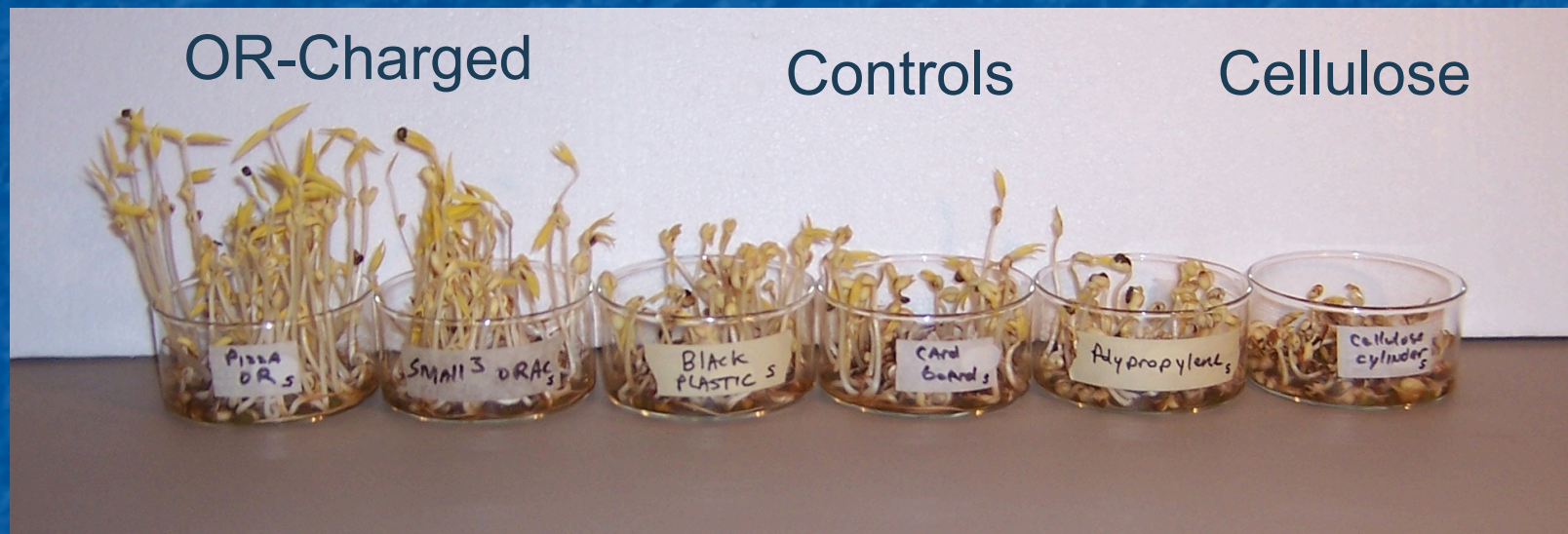
## *Spectrographic Indications 2.*

### *Charged Water Fluorescence minus Control Water*



Orgone Accumulator charging is slower, but catches up with & surpasses the cellulose.

***However: Orgone Accumulator and Cellulose Acetate have Antithetical Biological Effects! 2013 Series***



***Orgone Accumulator Enhances, Boosts Growth!  
Cellulose Acetate Inhibits, Reduces Growth!***



## Orgone Accumulator and Cellulose Acetate Enclosures have *Antithetical Biological Effects!* 2014 Series



*Orgone Accumulator Enhances, Boosts Growth!*  
*Cellulose Acetate Inhibits, Reduces Growth!*

***But Also:*** This influence is not directly transferrable through the water itself! Here, orgone- and cellulose-charged distilled water applied separately to seedlings under the same *cardboard* box do not show much difference.

Water-Charging Only. All Grown in Same Cardboard Box



PRELIMINARY INDICATIONS: Slight Differences Only

***The charge induced into the water, by itself, was insufficient to produce effects similar to direct charging of the seedlings.  
This experiment must be repeated.***



## *Open Questions:*

1. Can this phenomenon, of Wilhelm Reich's *Orgone Energy* (or under any other name) be the source of the bluish glows in high-quality *Living Water*, natural hot-spring healing waters, and beautiful blue oceans, lakes, and glacier ice as seen in wild nature?
2. If so, what about the stunting of sprouting mung bean seedlings by the highly-reactive cellulose enclosure?  
Is this quicker appearance of UV Absorption and Fluorescence in the cellulose-charged water an example of "*too much, too quick?*"



***Is Rayleigh Scattering the only  
explanation for the blues?***

Many natural phenomena suggest a fluorescence in the blue frequencies, when intense Solar-UV light excites *living water*, notably in high-altitude & high-latitude regions with a healthy natural environment.



**Alaska Knik Glacier**

**Reich's term:  
*Orgonotic Lumination***

**Crater Lake**



10/08/2005



**Greek Mountain  
"Transparent Haze"**



## Conclusions:

1. The orgone accumulator device can increase seed sprouting by ~35%, but cellulose enclosures stunt seed growth, possibly due to overcharge effects.
2. Orgone-accumulator and cellulose-charged water shows UV absorption anomalies at ~240 and ~280 nm, similar to exclusion-zone (EZ) water effects.
3. These results give good support to Reich's original claims that his accumulator is a special energy boosting device, now shown able to alter the UV absorption and fluorescence spectra of water.
4. Secondary transfer by water-charging appears to be inefficient. Additional study is required.





# Thank You!

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