

## ***OBRL Quarterly Newsletter #20 February 2009***

This is the infrequent, Quarterly Newsletter from the *Orgone Biophysical Research Lab* (OBRL) in Ashland, Oregon, USA. <http://www.orgonelab.org>

*James DeMeo, Ph.D., Director of OBRL*



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You may link to this page, here:

**<http://www.orgonelab.org/OBRLNewsletter.htm>**

## **1. Mark Your Calendars:**

### ***Conference on New Research in Orgonomy, Summer 2009, OBRL Greensprings Center***

The 2009 *Conference on New Research in Orgonomy* will be held on the weekend of August 1-2, 2009, at the OBRL Greensprings Center near Ashland, Oregon. Details for registration and attendance, and a Call for Papers, are now posted at the Conference Webpage:

<http://www.orgonomyconference.org>

## **2. Wintertime at OBRL**

I am often asked, what goes on at OBRL during the winter months, when the snow is piling up and we are basically isolated with few visitors. It is a period of relative quiet, but hardly one of inactivity.

Much of our activity is firstly aimed at keeping the facility open and accessible, in response to the heavy winter weather. This activity actually begins in the fall, when dead trees and limbs on the property are hauled and cut up for firewood. We must plan for heavy snows, which perhaps once every five years can be exceptional, as witnessed last winter, of 2007-2008, where up to 6' (almost 2 meters) piled up at one time. Photos are posted here: <http://www.orgonelab.org/Winter2008.htm>

The county highway department keeps the main road plowed and open, but the driveway from the OBRL Center to the road requires use of a heavy-duty snow-thrower.

Inside the lab building, our work continues as usual. The projects are variable from one month or year to the next. Right now, we are involved in transferring a very large video-archive from analog tape into digital format. It took quite a time to learn the new software programs, and find an affordable set of hardware, but the project is going. We can set up a tape to run with an automatic digital transfer, allowing us that time to continue with other work. More on this project is given below.

Another project underway is the calibrations and use of a new UV-VIS spectrophotometer. This was acquired in Summer 2008, along with a special UV-transparent fiber-optic cable, allowing its use either to evaluate the effects of orgone-charging upon water and other fluids in cuvettes, or to make spectral evaluations of the sun, or of the open sky, or even light-bulbs. Below is given a short experimental report contrasting the spectra of typical light-bulbs to that of the Sun. There are various plans for use of this device, probably to require several years for full implementation.

As previously reported over the last years, other laboratory experiments are now set on “automatic pilot” using what I call my “little robots”, a half-dozen old and well-used Macintosh laptop computers, each of which is set up with data recording software and electronic interfaces, to make regular measurements of on-going experiments. Currently, these include the To-T, an orgone-charged GM experiment, a related orgone-charged radiation-scintillation experiment, and a new type of “ether-drift” experiment which looks for systematic variations in the error-drift of a stationary standard GPS device. We also have a few other projects underway, about which we’ll not disclose information for the moment. More details on all these experiments are given below.

But I can say, that the recent construction project at OBRL, expanding the space inside the main laboratory-seminar building, has allowed all these projects to proceed at a more optimal pace.

In addition to the laboratory experiments, there is the occasional CORE work undertaken, sometimes with complications. We recently learned, for example, that a “chembuster group” was established in nearby Ashland, composed of people who have little or no knowledge about Reich’s discoveries or the atmospheric orgone energy, or atmospheric issues from the classical viewpoint, except as they have got from the very mystical distortions presented to them on the various “do it yourself” internet sites. They began setting up their devices – typically pointing up into the atmosphere on a permanent “forever” basis -- in the Ashland area in late December 2008. Subsequently, the region of Southern Oregon experienced a drought condition for all of January 2009. I’ve already

documented several episodes of severe drought and even forest fires triggered by the chembuster “cloud-killer” networks, and their arrogant reactions when informed of the results of their atmospheric meddling.

<http://www.orgonelab.org/chemtrails.htm>

But it is important to know that one cloudbuster operator who is skilled in the original and authentic CORE methods of Wilhelm Reich, with a sufficient apparatus, can generally overcome even a dozen of the misguided chembuster faddists. It is the difference between working with nature, in alliance with the natural forces, versus working against nature.

Consequently, two of the West Coast operators in the USA [CORE Network](#) thereby undertook brief operations in early and mid-February. These operations were followed by a shift in the atmospheric pattern away from the chronic chembuster-initiated high-pressure drought conditions, towards rainy low-pressure conditions, allowing more regular wintertime storm tracks for the West Coast. Rains and snow returned to the West Coast thereafter, and hopefully will continue by nature over the next months.

In addition to such experimental work, we must also attend to the various book and instrument orders which come to our on-line mail-order catalog, *Natural Energy Works*, which today distributes scientific books and research instruments around the world.

<http://www.naturalenergyworks.net>

Several times per week we pack the orders into our truck, and down the mountain everything goes to the local Post Office or UPS center.

Then there is the constant flow of emails and inquiries, contacts with scientists and ordinary people, nearly all of whom have very positive interests in Wilhelm Reich, orgonomy, the accumulator, and in my own confirmations of the same, as well as regarding my [Saharasia](#) research.

And did I mention, we are preparing for another [Conference on New Research in Orgonomy](#), next summer? Be there, or be square!

Finally there is my new writing, of articles mostly, but several book manuscripts also are slowly being nurtured towards a completion in the years ahead.

So there is “never a dull moment”. The winter solitude actually allows this to be a very productive time of year, more so in some cases than in summer, when attention is turned towards preparation for seminars and conferences, and visiting scientists

### **3. Our Summer 2008 Construction Projects**

Last summer and fall construction was underway for a new addition to the OBRL lab-seminar building. A new upstairs storage room with guest quarters, and lower Seminar Room were added, allowing the original space which doubled for both lab and seminar purposes to now be devoted more fully to laboratory work. The new Seminar Room can seat about 35 persons, and is equipped with white-board, projectors and other equipment as needed for professional presentations. This is in addition to the outdoor







Summer Amphitheatre, with stage and chairs for seating twice as many, out under the beautiful Greensprings forest.

Additional roof-beam supports were also added to several of the outbuildings, including the orgone room, as the heavy winter snow last year nearly collapsed them with extreme weight. While this winter's snow has so far not been anything so extreme, having the added roof support gives a sense of relief.

#### **4. Video Archive Digital Transfers Underway.**

As mentioned in the above section on “Wintertime at OBRL”, one of the projects consuming our time most recently has been the transfer of our extensive video archive into digital formats. There is so much material, we could not afford to simply hand over the various analog videotapes to a processing shop, and have them digitally converted. Allowing the material to sit in storage for additional years was not an option either, as the recording tapes tend to degrade over time. Last winter, an archive of about 200 VHS cassettes, of lectures, early field work, records of experiments, documentaries and so forth, was digitally converted onto DVD disks, using the new commercial stand-alone DVD recorders which had recently come onto the market. These allowed conversion to digital without significant loss of resolution from the original VHS format.

This winter, we began an even more daunting task, to convert about 200 older “U-Matic” video cassettes. U-Matic was the broadcast standard of the 1970s, before the development of VHS, S-VHS or Betacam videotape. The U-Matic tapes were donated to OBRL by Ms. Digne Marcovicz of Berlin, and were the original unedited interview tapes she made for the later production of the documentary [Viva Little Man](#).

There were several problems encountered in the U-Matic conversions, however. Firstly, they were nearly all in the PAL format, in keeping with the original European production. Secondly, these tapes had been recorded in 1986, some 23 years ago. They had been kept in storage firstly in

Germany, later transferred to storage in Italy, and then finally boxed up and shipped half-way around the world to OBRL in Oregon. We immediately re-boxed them and put them into cool storage. After that came the difficult issue of how to get a U-Matic player that would handle “hi-band” U-Matic tapes recorded in PAL. These machines originally cost up to \$12,000 each, but had been out of production for about 15 years. We luckily found a few of the best-made machines for sale on eBay, and purchased three of them various conditions, models # VO-9600p, VO-9800p, and an NTSC machine VO-9800.

All of these old machines required considerable “nursing” to get them into optimal working condition. Manuals were obtained, the machines were opened up and lubricated, the recording heads cleaned, and the project begun. Within a short while, we ran into problems with worn-down and breaking drive-belts, and could not find spare parts. The broken parts were then taken to local hardware stores, and substituted with whatever we could find – notably, the typical large rubber “O-rings” used for sealing plumbing systems worked perfectly in the place of the broken drive belts. The digital transfer then continued.

We then discovered some of the old U-Matic tapes had become quite stiff, and showed greater or lesser ease in going through the machines. Because of age, some of the tape resisted to be bent around the various spindles, and the play-back became jittery and distorted. The old drive motors would protest at the strain, and the machines would automatically shut down. Only by repeatedly running the tape back and forth, from one side of the cassette to the other, would the tape then actually regain some pliability, and play in the machine. On a few of them, we had to manually move the tape from one side of the cassette to the other, and for this a large rubber stopper was attached to a variable-speed drill, and used to spin the reels inside the cassette. We later learned, these “difficult” tapes all came from the video sequences in and around New York City, and probably reflected the bad atmospheric conditions at the time of their recording.





**The U-Matic Videotape Player.** The front panel measured about 8” tall and 16” wide, weighing about 40 pounds. One cassette held ~23 minutes of ¾” tape, at 330 lines of resolution. Top-of-the-line in the 1970s. hardly used today.

In spite of these problems, the U-Matic tape proved to be very strong and none of the tapes were broken by these necessary rough-handling procedures. The information on the tapes was almost always well-preserved, and the quality remarkably good. The equipment held up sufficiently to allow each tape to be played one time, to make the digital transfer, until the last tapes were finally completed.

Looking to next winter, we have an even larger batch of Hi-8 analog tapes to convert over into digital. These tapes include recordings made during various cloudbuster field expeditions, documentation of experiments, and lecture tapes from the many OBRL Greensprings Seminars and Conferences. Those are in better shape, and will require the new Blu-Ray DVD recorders for preservation.

At some point down the line, our goal is to make all these materials

available for private scholarly review, along with our other materials, as a part of OBRL's non-profit mission.

## 5. New Article Posted to OBRL Website

### **The Blue-Glowing Astronauts:**

Solar Glare? Lunar Dust? Water Vapor? Camera Smudges? Or the RF/Electrically-Excited Human Orgone (Life) Energy Field? by James DeMeo, PhD

<http://www.orgonelab.org/astronautblues.htm>

## 6. New Russian Translation of Saharasia Summary Article

Now posted online, here: [http://www.orgonelab.org/saharasia\\_ru.htm](http://www.orgonelab.org/saharasia_ru.htm)

Many thanks to Alexandra Goldburt, who runs a [professional translation service](#), for an excellent job, well done! This important article summarizes Dr. DeMeo's milestone research evaluating and proving the correctness of Wilhelm Reich's sex-economic findings by use of the global cross-cultural data bases, with new discoveries on an ancient period of peaceful social conditions, and new details on the "origins of war/violence/armoring" question. It is now available in English, Spanish, German, French, Russian, Greek and Turkish, and is an excellent introduction to the larger [Saharasia book](#). We still are looking to translate it into other world languages, particularly Arabic and Persian (Farsi). Anyone with such skills who could volunteer their time, or do so at reasonable rates, please contact us about it.

## 7. OBRL-Quarterly Newsletter Archive

The OBRL website now has a list of all back-numbered issues of the OBRL-Quarterly Newsletter. They are available as PDF downloads, from here: <http://www.orgonelab.org/OBRLNewsletter.htm>

## 8. Experimental Notes

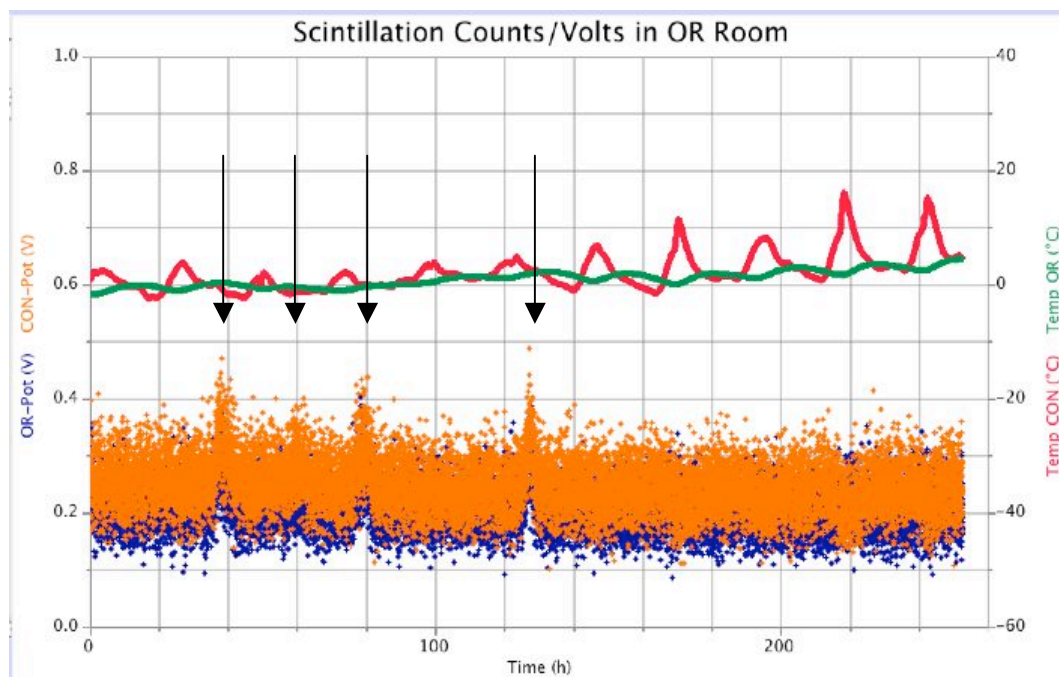
The [August 2008 OBRL Newsletter](#) provided discussion and photographs which detailed the experiments which continue today. The following additional notes can now be provided.

**\* Orgone Accumulator Thermal Anomaly.** Our "around the clock" automated To-T recordings continue, with exceptionally good and positive To-T readings rather systematically peaking out between 0.4° to 0.75° C. in summertime, and fully confirming the existence of a thermal anomaly within the orgone energy accumulator. Wintertime readings continue to be problematic, due to power outages and loss-of-calibrations due to the effects of below-freezing temperatures on some of the electronics. This experiment is now into its second year of continuous recordings, following previous years of testing and basic investigations. See our last several OBRL Newsletters for more details and photo images of the preliminary results.

<http://www.orgonelab.org/OBRLNewsletter.htm>

**\* Orgone Accumulator GM and Scintillation Effects.** The orgone-charged GM tubes have basically gone quiet over the last months, possibly due to the very low sunspot count coupled with low-energy winter conditions. There is a low "background anomaly" of neutrons at around 20 or 30 CPM, a level way above the naturally-expected amounts, punctuated by the occasional bursts up to 500 or even 1000 CPM. But the very high levels of constant 1000-4000 CPM have not been observed for about a year. This low-level reaction on the GM apparatus is reflected also in the newer orgone-charged versus control-uncharged dual NaI(Tl) scintillation experiment. This experiment, which began only last year, has so far shown no difference between the OR-charged and control scintillators. Interestingly, however, both scintillators have shown another anomaly which appears in the meteorological literature – but rarely in physics journals – of anomalous increases in scintillations of around 25% when a storm-front passes overhead. Since the scintillations at the Earth's surface are classically described mostly as "muons" derived from cosmic ray showers originating in the upper atmosphere, this observation makes no sense at all.

But it is nonetheless documented. The figure below shows this effect, from the rapid passage of several minor frontal systems (marked with arrows), spaced about 24-48 hours apart. The entire graph covers 10 days or 240 hours of data.

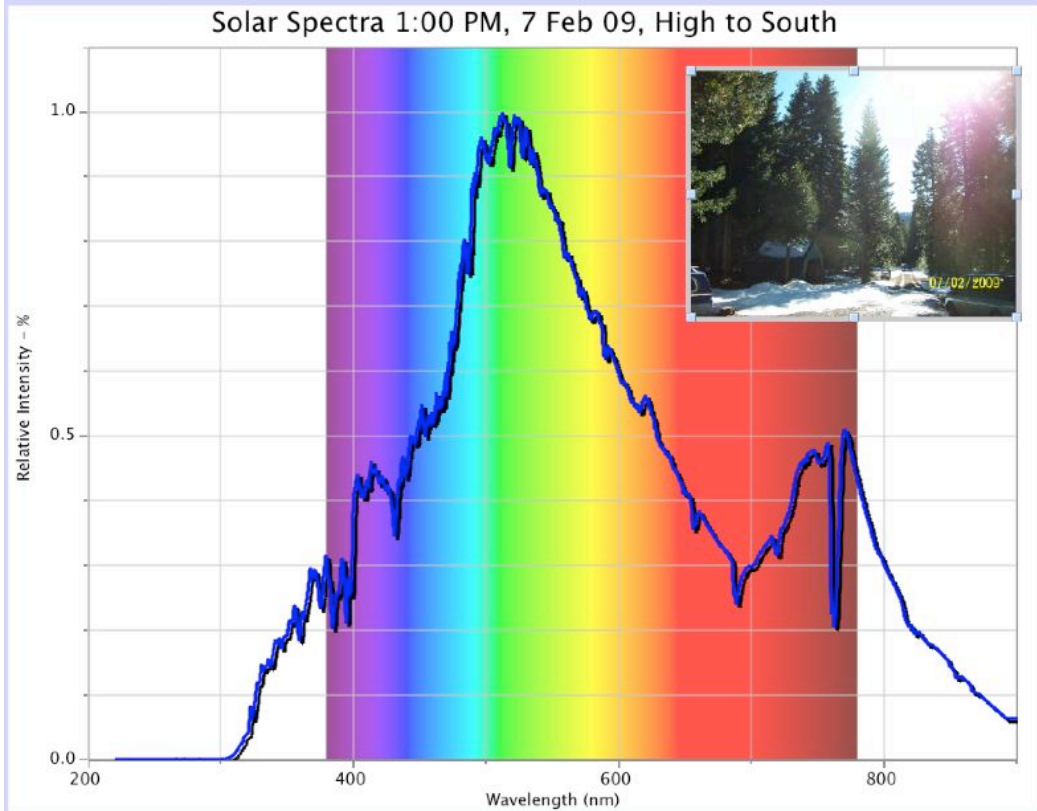


The orange dots (with layer of blue dots underneath) along the bottom are the scintillation-counter readings, ranging from around 1000 to 4000 CPM, detecting the background counts within the open air and inside an orgone accumulator – no significant differences have been observed as yet in this particular experimental evaluation, but both apparatus have anomalously responded to the sequential passage of mild cold fronts. The red and green lines in the middle of the graph are the temperature and relative humidity, respectively. One may observe the absence of any significant effect from temperature alone, indicating the reactions to the passage of the cold fronts was anomalous. This kind of effect is rarely spoken about in the radiation biophysics textbooks, as there is no explanation as to how changes in humidity or cloud cover could increase background radiation from claimed “cosmic radiation”. As a possible biophysical effect of the orgone energy, we may ultimately find an answer.

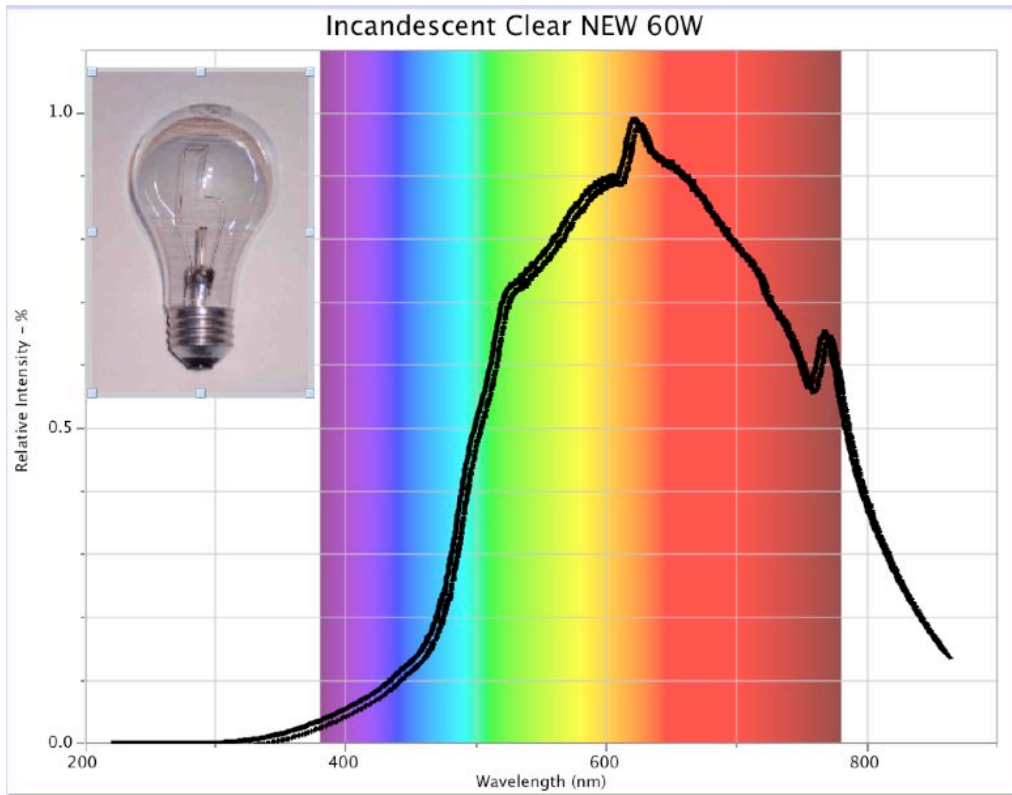


For discussion on the effects of orgone-charged GM-neutron counters as used at OBRL, which have shown very positive results in keeping with Wilhelm Reich's prior experimental work, see our prior OBRL Newsletters for details. <http://www.orgonelab.org/OBRLNewsletter.htm>

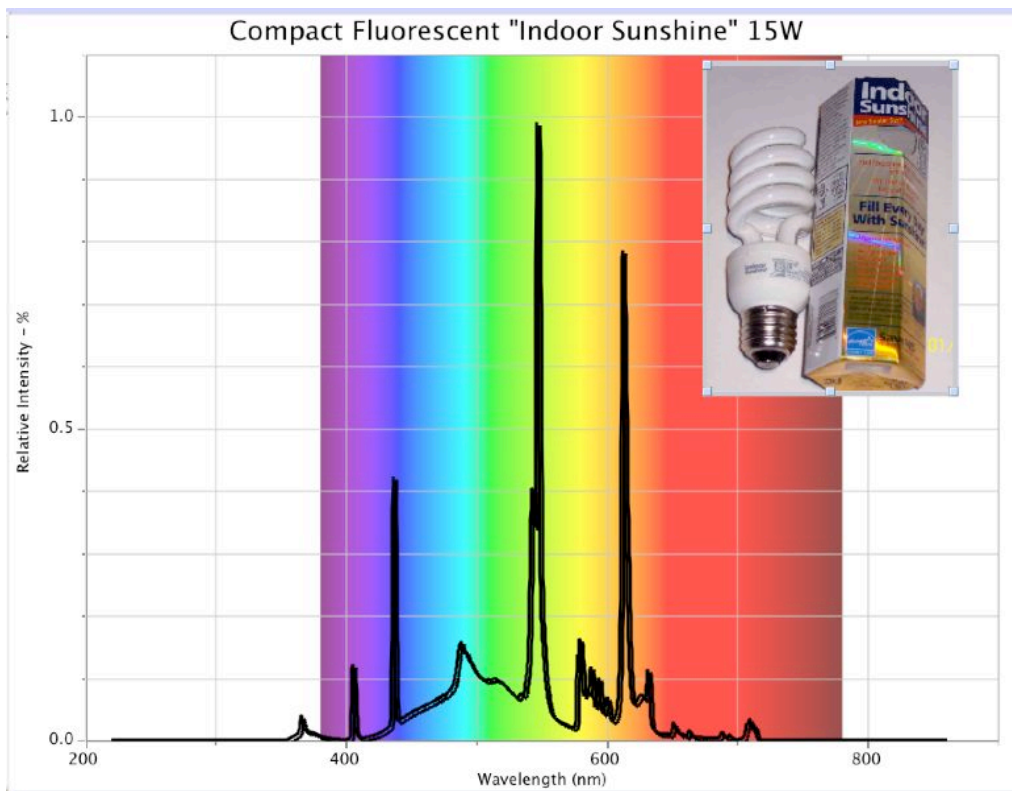
\* **Spectrophotometry.** Our new Ocean's Optics UV-VIS spectrophotometer is working marvelously. With a measuring range of between 250 -950 nm, we can now evaluate a variety of factors related to the energetics of water, as well as the frequency output of various light-sources, bulbs and so forth. In the 1970s, [Dr. John Ott showed that full-spectrum lighting](#), including trace UV light, was an important factor in promoting health and vitality, in opposition to the current "UV Hysteria" promoted by the skin-cream industry and their medical advertisers. We are just beginning to explore these and other questions with this new instrument, but below are reproduced four spectral readings, one of direct sunlight on a clear day, one from a standard clear (unfrosted) incandescent light bulb, and two from different kinds of compact fluorescent light bulbs (CFL).



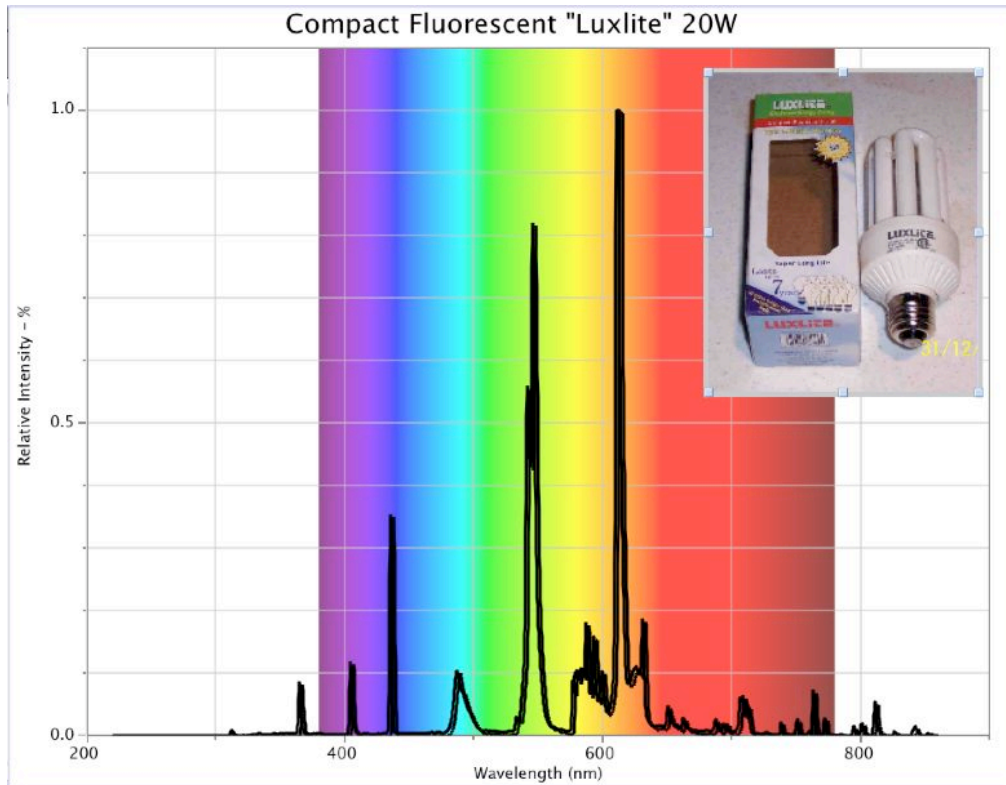
**Spectra of Natural Sunlight on a clear day, no window-glass**



**Spectra of a clear incandescent light bulb**



**Spectra of a more expensive "Natural Daylight" CFL bulb**



**Spectra of a cheap “Luxlite” CFL Bulb**

All the spectra above are displayed by “relative intensity”, which means their brightest frequency is adjusted to the 1.0 position near the top of the graph. Obviously, sunlight is far more bright and intense than any light bulb, but it is the frequency spectra which is of importance in making these comparisons. Note the broad spectra of the Sun, and the presence of trace UV frequencies in its spectra, going out to near 300 nanometers. The clear incandescent bulb does the best job in duplicating this, going out to around 350 nm. The Solar and Incandescent bulb frequencies are also spread out evenly and broadly over the spectrum, while the two CFL bulbs yield a very “spikey” appearance, lacking in similar trace UV. One of these CFLs, I note, is advertised as a “full spectrum” or “natural daylight” bulb. You can judge for yourself the reality of the situation.

When considering that CFL bulbs also emit trace levels of toxic microwave radiofrequency radiation, plus the usual 60-cycle “buzz” of every fluorescent bulb (irrespective of their spectra) one can quickly understand why most people are rejecting the CFL bulbs, even as Junk-Science and

Big Government are trying to force them down everyone's throats. For an interesting discussion on that matter alone, the following account is "illuminating":

[http://blog.hasslberger.com/2009/02/i\\_just\\_got\\_rid\\_of\\_all\\_those\\_en.html](http://blog.hasslberger.com/2009/02/i_just_got_rid_of_all_those_en.html)

A more detailed report on this issue will be forthcoming.

**\* Stationary GPS Ether-Drift Experiment.** This experiment continues, with the decision made to extend the measurements over two full years, rather than just the one full-year measuring cycle which was recently completed. We are recording the minute-by-minute variations in the "natural deviation" of GPS satellite signals as recorded from a fixed ground station. Data is acquired several times per month over a 48 hour period. Early findings already show significant systematic and non-random deviations in the signal speeds and directions, suggestive of a cosmic factor at work in the open space between the GPS satellites circling overhead in the open space, near-Earth environment, and our GPS ground station. At a later time, the data will be organized by Sidereal Day coordinates, allowing comparisons to the older *ether-drift* findings of Dayton Miller, and the newer *dark-matter wind* research findings, both of which appear to be classical experimental detections of orgone energy streams in cosmic space. For more discussion on these issues, see the following two papers:

<http://www.orgonelab.org/miller.htm>

<http://www.orgonelab.org/DynamicEther.pdf>

**MORE INFORMATION** can be found on OBRL experiments and activities in the past OBRL Newsletters, as well as in the following on-line Reports and Conference *Abstracts*. Here:

<http://www.orgonelab.org/Abstracts2007.pdf>

<http://www.orgonelab.org/Report2006.htm>

<http://www.orgonelab.org/Abstracts2005.pdf>

## **9. Saharasia on an Interactive Internet History Website?**

As mentioned in the last OBRL Newsletter, one of our long-term ideas is to make a new Saharasia website, which would allow people to point-and-



click on a world map displaying the various individual 1170 different cultures used to make the original cross-cultural evaluations and World Behavior Maps, allowing specific new information to be displayed. One could point and click to zero in on specific world regions, to show maps from different times with the climate conditions, and the kinds of social and historical events from which the larger Saharasia theory was derived, and out of which the larger discovery of the Saharasia desert-culture region was made. This is currently a project beyond our capacities and means, but it is worthwhile to mention once again. This project requires computer-programming skills way beyond anything we possess, and a sufficient fund to pay for the expenses. Anyone reading this who might have such skills and interests, or the funds, please get in touch.

#### **10. Once More, About the OBRL On-Line Bookstore.**

*Natural Energy Works*, the mail-order and on-line bookstore for OBRL, has a selection of books on innovative scientific discoveries & heresies, avoiding the usual mystical mumbo-jumbo, all by solid research scientist, including works by Wilhelm Reich, Harold Burr, Giorgio Piccardi, James DeMeo ... a "Who's Who" list of the "banished and nearly forgotten scientists" of the 20th Century, whose work will hopefully guide the 21st. Also there is a great selection of electromagnetic field meters, the new Experimental Life Energy Meter, and much more. Come browse at your leisure and get those items you always wanted.

<http://www.naturalenergyworks.net>

#### **11. Please Consider Making a Donation, or Bequest in your Will**

All the projects and research, the construction and equipment purchases described, was made possible by generous donations from people like yourself. Please consider to make a donation to our research and activities. The above discussion is supplemented by the following on-line letter, which contains additional interesting photographs of the OBRL facilities and work, here: <http://www.orgonelab.org/funding.htm>

**OBRL Funding Request**  
**Orgone Biophysical Research Lab**  
**Special Announcement**  
*Funding OBRL's Fourth Decade of Work*  
<http://www.orgonelab.org/donation>

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<http://www.orgonelab.org/donation>

Donating online is easy and secure and also keeps our administrative costs down. To contribute right now, visit  
OBRL is a 501(c)(3) status organization, and your donation to OBRL is tax-deductible.  
Please also consider to remember OBRL in your bequests.

**12. Due to the high costs of printing and mailing, Internet and email are today our primary communications method.**

If you appreciate getting these materials and have not done so already, and to get "plugged in" to our announcements, please subscribe to OBRL-News or the less-frequent OBRL-Quarterly using the links near the bottom of the OBRL homepage.

<http://www.orgonelab.org>

The same information presented on the more-frequent OBRL-News (controversial!) is also posted to the OBRL-News Blog, which you can visit at your leisure, here:

<http://obrl.blogspot.com/>

*Thanks very much for your attention and support.*

James DeMeo, Ph.D.  
Director of OBRL

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<http://www.saharasia.org>

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