

CLIMATE CONTROL

WEATHER DAMAGE MODIFICATION PROGRAM

Owner's Manual
Mode d'emploi
Manuale d'uso
Manual del usuario



Declaration of Conformity Compliance Information Statement

Model Name: WEAMOD-CC2007

Type of Equipment: WEATHER DAMAGE MODIFICATION

Responsible Party: BART BRIDGER WOODSTRUP

Address: WWW.VODSTRUP.COM

Climate Control is a series of climate-interactive electronic installations and eco-visualizations intended to address the personal detachment felt towards global climate change. As the Earth's resources increasingly succumb to the human grasp, these works question whether the next step is the construction of a human-desirable climate. Through perception and interaction the goal of this work is to enhance sensitivity of the issues involved, inspire critical thought about solutions and to recognize the beauty inherent in the real-time climate occurring outside the gallery walls.

Bart Bridger Woodstrup is currently an MFA candidate in the Integrated Electronic Arts Program at Rensselaer Polytechnic Institute in Troy, New York. His work takes the form of traditional musical composition, real-time interactive audio/video performance, multimedia installation and networked experience. In 1999, he received a Master of Music in Computer Music and New Media Technology at Northern Illinois University.

This Class B digital apparatus meets all the requirements of the Federal Interference-Causing Equipment Regulations.

Climate Control by Bart Bridger Woodstrup

October 1-5 2007

West Hall Gallery - RPI Campus

Gallery Hours: Monday through Friday 10:00 AM – 4:30 PM

Rensselaer Polytechnic Institute

110 8th St. Troy NY 12180

Closing reception Friday October 5 4:30 - 7PM

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FLOOD, DROUGHT, HURRICANE, AND DESERTIFICATION

Before using this unit, make sure to read the instructions below.



This symbol is used to alert the user to situations where it is improper for any human modification of the weather.



This symbol is used to alert the user to situations where special care is required if to obtain desired results from the equipment.



This symbol alerts the user to important instructions or warnings. Risk of injury or material damage may occur should the unit be used improperly.



This symbol is used to alert the user to situations where solar or static energy may produce unpredictable results.

----- ALWAYS OBSERVE THE FOLLOWING -----

Weather modification during the following situations may yield undesirable results, in some cases exacerbating problematic conditions. In these circumstances, use of this device is not recommended, and special care should be observed.



High Carbon Dioxide Emission
Volcanic Eruption
Solar Flares or Sunspots
War

1 Climatoscope

Indicates current status of parameter assignment and desired climatic effect.

2 Climate Parameterization

Specifies the area of coverage affected by transmission. The range for the WEAMOD-CC2007 is currently limited to 100 - 300 kilometers.


3 Temperature Gradient

Use this to set the desired temperature. Temperature values are in Celsius and are represented by color shifts.


4 Seeding Plume Trajectory

Specifies the direction of precipitation.

5 Temperature Inversion

When switched to the “on” position, a normal vertical temperature gradient is inverted such that the air is colder near the surface of the Earth.  Use with caution as dust and pollutants can become trapped in the atmosphere and cause adverse effects on health.

6 Coriolis (N/S)

Set according to your location in proximity to the equator.  Improper setting of the Coriolis Force may cause noticeable changes to your Pressure Gradient Force.


7 Transmission Indicator

Lights when settings are being transmitted to the climate.

8 Barometric Pressure

Use this to adjust the atmospheric weight in the area to be seeded. All measurements are calculated against the mean sea level pressure and are scaled according to your current elevation.

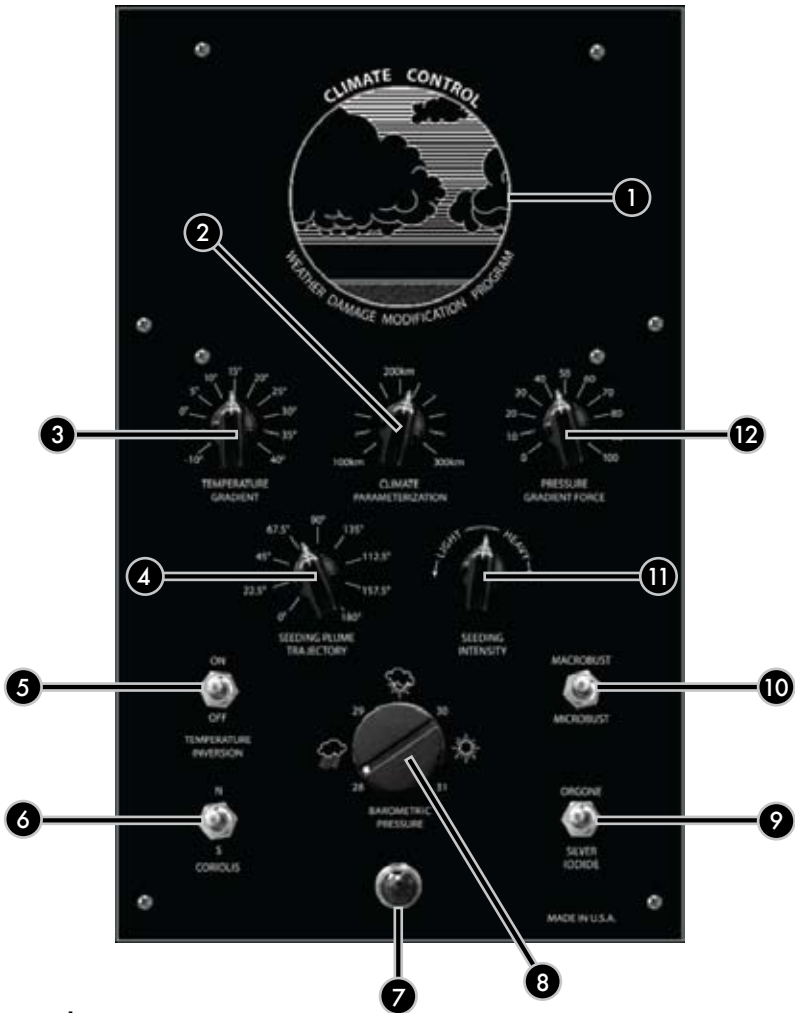
9 Orgone/Silver Iodide

The WEAMOD-CC2007 allows for transmission of both Orgone and Silver Iodide values.  Your results may vary depending upon your climate and location.

10 Macrobust/Microbust

For use with the Orgone mode. Affects the rate of cloud dissipation.

CONTROL LAYOUT



11 Seeding Intensity

Use this to increase or decrease the amount of precipitation desired. Intensities will vary depending upon the use of either Orgone or Silver Iodine techniques. Precipitation is dependent upon proper barometric pressure. Adjusting the Temperature Gradient to lower values may cause the precipitation to crystallize.

12 Pressure Gradient Force

Use this to accelerate a parcel of air from a high atmospheric pressure region to a low pressure region. Units are in miles per hour.

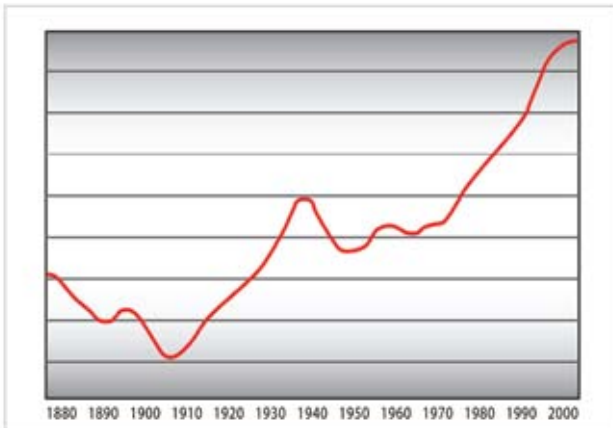
Other exciting products from WEAMOD:

GLOBAL MEAN TEMPERATURE ANOMALY ECO-SONIFICATION SYSTEM



The Hottest Year On Record.

Data from the Global Mean Temperature Anomalies* (departure from the 1880 - 2006 base period average) are used to manipulate loop-based samples from George Harrison's "Here Comes the Sun." Each sound loop is a time sample representing one year. The speed at which the loop is played is relative to the Global Mean Temperature Anomalies for the year the loop represents.



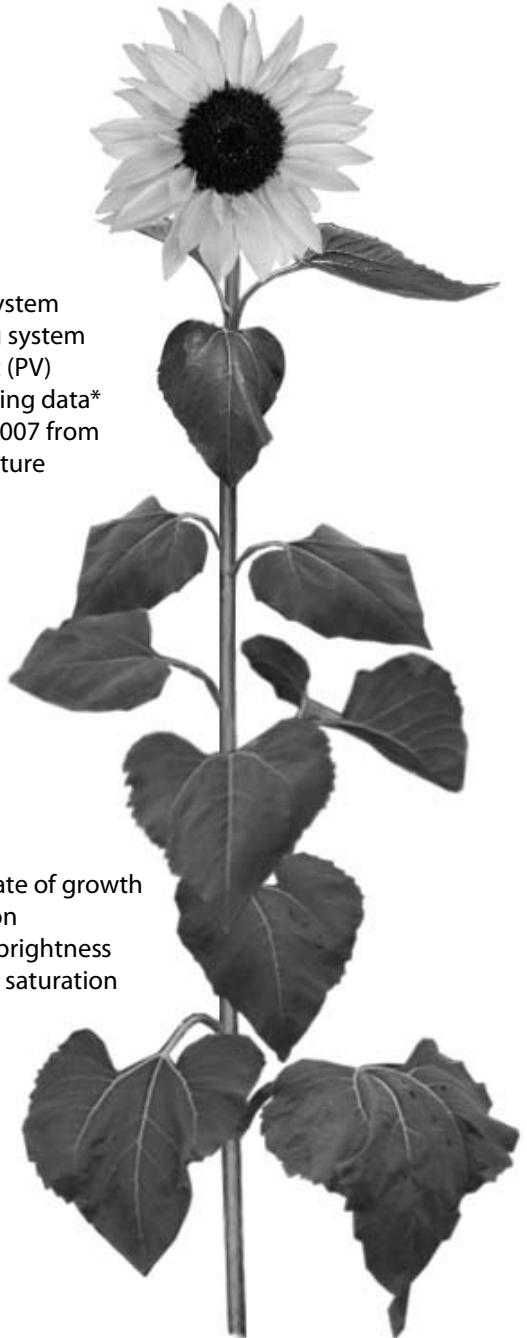
*ftp://ftp.ncdc.noaa.gov/pub/data/anomalies/annual.land_and_ocean.90S.90N.df_1901-2000mean.dat

Description

The Photo-Voltaic Eco-Visualization System is designed as a solar data monitoring system for heliotropic, grid-tied photo voltaic (PV) arrays. This visualization is realized using data* collected during the month of June, 2007 from the PV array located at the Boston Nature Center in Mattapan, Massachusetts.

Data Interpretation

Power Generation: plant height and rate of growth
Irradiance: sun/cloud/moon animation
Ambient Temperature: leaf color and brightness
Module Temperature: flower hue and saturation
Time Scale: 1:1,800 seconds



WEAMOD SERVICE CENTERS

USA/CANADA

American Meteorological Society
1120 G Street, NW, Suite 800
Washington DC, 20005-3826

National Climatic Data Center

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Weather Modification Association

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Boston Nature Center

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617-983-8500

Heliotronics, Inc.

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USA

INTERNATIONAL

World Meteorological Organization

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The Wilhelm Reich Museum

Orgonon
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