

These abstracts of Clifford Carnicom's papers and webpage postings are listed in chronological order so that our readers can follow Carnicom's discoveries and interpretations of the aerosol spraying programs that he and others started documenting and analyzing from 1999 to the present.

Abstract Name: [DR. COLE TESTIMONY; BIO-CHEMICAL WARFARE TESTING](#)

Date: May 6, 1994

Author: Clifford E. Carnicom

Abstract

This abstract is the actual testimony Doctor Leonard A. Cole (an instructor at Rutgers University) gave to the United States Senate Committee Veterans' Affairs on May 6, 1994 at the invitation of Senator Rockefeller. Dr. Cole's testimony details numerous biological and chemical warfare agents (called 'simulants') outdoor spraying tests on human populations within the US by the US Army in its 'Biological Defense Program' from the 1940's through to the 1980's, and associated effects on such populations that included severe illnesses and diseases, and quite possibly death. Dr. Cole makes it quite clear that human subjects of some of these chemical and biological tests were either not at all informed of the tests beforehand, or were inadequately informed. An example of this is the exposing of the fact that the Army would ask people to sign consent forms for these tests AFTER the tests were already carried out. The Army testified that at times they never monitored the health effects on the millions of those affected, because they assumed the chemicals and biologicals to be harmless. Dr. Cole ends with recommendations for changes to protect populations, including informing populations of testing, and monitoring the health effects of these tests.

Abstract Name: [US AIR FORCE 2025: WEATHER AS A FORCE MULTIPLIER; OWNING THE WEATHER BY 2025](#)

Date: August 1, 1996

Author: US AIR FORCE

Abstract

This paper is the actual Air Force document from August 1996 titled 'Weather as a Force Multiplier: Owing the Weather in 2025. The Executive Summary of this document contains the following justification for endeavoring to manipulate and control the weather:

In 2025, US aerospace forces can "own the weather" by capitalizing on emerging technologies and focusing development of those technologies to war-fighting applications. Such a capability offers the war fighter tools to shape the battlespace in ways never before possible. It provides opportunities to impact operations across the full spectrum of conflict and is pertinent to all possible futures. The purpose of this paper is to outline a strategy for the use of a future weather-modification system to achieve military objectives rather than to provide a detailed technical road map.

A high-risk, high-reward endeavor, weather-modification offers a dilemma not unlike the splitting of the atom. While some segments of society will always be reluctant to examine controversial issues such as weather-modification, the tremendous military capabilities that could result from this field are ignored at our own peril. From enhancing friendly operations or disrupting those of the enemy via small-scale tailoring of natural weather patterns to complete dominance of global communications and counterspace control, weather-modification offers the war fighter a wide-range of possible options to defeat or coerce an adversary.

Abstract Name: [SANTA FE CHEMTRAIL PHOTOGRAPHS](#)

Date: February 14, 1999

Author: Clifford E. Carnicom

Abstract

This webpage contains multiple pictures of aerosol spraying that were witnessed in Santa Fe, New Mexico in early 1999 that show both east-west and north-south associations and other interesting patterns of sprays.

Abstract Name: [BLITZ PHOTO OF CONTRAILS: SANTA FE, NEW MEXICO](#)

Date: April 18, 1999

Author: Clifford E. Carnicom

Abstract

The most egregious photo of the year occurred on April 18, 1999. The onslaught that was occurring on this day spurred Clifford Carnicom to call the FAA. They denied any spraying programs were occurring in the area despite the massive sprays that were witnessed at that time.

Abstract Name: [NORMAL CONTRAIL PHOTOGRAPHS](#)

Date: **May 1, 1999**

Author: **Clifford E. Carnicom**

Abstract

Various pictures of normal contrails are presented and discussed in the paper. Notes are presented outlining how to tell a normal contrail from other aerosol spray lines.

Abstract Name: [NORMAL CONTRAIL PHOTOGRAPHS \(3\)](#)

Date: **May 10, 1999**

Author: **Clifford E. Carnicom**

Abstract

Another set of contrail pictures is presented that can be used as a control group when making comparisons to other types of aerosol sprays.

Abstract Name: [HOW TO PHOTOGRAPH A CHEMPLANE](#)

Date: **May 10, 1999**

Author: **Clifford E. Carnicom**

Abstract

Recommendations for an adequate camera setup is presented here that will give quality pictures of chemplanes that can be used as further proof that these aerosol programs are real. Conditions are also explored as to how to get optimum timing for these pictures. Discussed are cameras, zoom lenses and teleconverters.

Pictures from witnesses that show the various spray types are welcome at the Carnicom Institute.

Abstract Name: [NORMAL CONTRAIL PHOTOGRAPHS \(2\)](#)

Date: June 1, 1999

Author: Clifford E. Carnicom

Abstract

Contrail pictures captured in June 1999 in Santa Fe, New Mexico, are presented that can be used as a control group when making comparisons to other types of aerosol sprays. Note none of the sprays from directly from the tail of the aircraft.

Abstract Name: [NEW CHEMTRAIL SPRAY SYSTEM REVEALED](#)

Date: August 14, 1999

Author: Clifford E. Carnicom

Abstract

A heavy spraying of Santa Fe Santa Fe, New Mexico on August 14, 1999 revealed uniquely thick and dense aerosol sprays coming from one particular aircraft among many planes observed spraying. Photographs taken of this aircraft and attached to this paper appear to show this plane's spray encompassing the full wing span of the aircraft, indicating a new method of spray delivery that involves multiple trails emanating from multiple nozzles on the wing assemblies. Trails can be seen originating from the center of the plane, precluding the possibility of normal engine contrail association with this aircraft.

Abstract Name: [NEW CHEMTRAIL SPRAY SYSTEM CONFIRMED: THE EVIDENCE CONTINUES TO ACCUMULATE](#)

Date: August 24, 1999

Author: Clifford E. Carnicom

Abstract

Telephotos submitted by an independent photographer in Paonia, Colorado on August 24, 1999 and attached within this paper confirm the existence of a new chemical spray system, with the photos showing this plane's spraying system being identical to the photographs in the Carnicom paper titled **NEW CHEMTRAIL SPRAY SYSTEM REVEALED** , dated August 14, 1999. A separate photo shows a spray abruptly turned off for a period, and then back on again.

Abstract Name: [VISITORS TO WWW.CARNICOM.COM](http://WWW.CARNICOM.COM)

Date: **August 26, 1999**

Author: **Clifford E. Carnicom**

Abstract

A very interesting yet concerning list of 126 different organizations that had visited the Carnicom website in 1999 is presented in this paper. These include U.S. Government entities such as the Pentagon, Air Force, Army, Navy, NASA, TRW (military contractor), Boeing, Raytheon, Lockheed-Martin, Rockwell-Collins, Monsanto, and many more. Many of those listed were repeat visits to the site.

Abstract Name: [PRELIMINARY METEOROLOGICAL STUDY: UNNATURAL CLOUD FORMATIONS IN SANTA FE NEW MEXICO](#)

Date: **August 26, 1999**

Author: **Clifford E. Carnicom**

Abstract

An analysis of upper altitude relative humidity data (average relative humidity during this 21 day analysis was 37.5% with a sample standard deviation of 11.7%) in Santa Fe, New Mexico in 1999 refutes the argument that such upper atmospheric conditions should allow for persistent contrails and subsequent cloud formations. It is known at this time that relative humidity levels in the upper atmosphere well below 60% will generally produce clear to semi-clear skies, and normal contrails should dissipate quickly under these conditions. However, the series of pictures included in this paper show the spraying of trails becoming long duration persistent cloud formations that should not have been logically possible with such a low relative humidity on these days of testing.

Abstract Name: [THIRD 'MEGASPRAYER' CAPTURED: THE EVIDENCE CONTINUES TO ACCUMULATE](#)

Date: September 9, 1999

Author: Clifford E. Carnicom

Abstract

Yet a third telephoto set, this one from Santa Fe, New Mexico on September 9, 1999 depicts a full length wing spray system. This plane appears to be a Boeing 757, with the majority of aircraft during spraying conditions appear to be of the Boeing 757 class, but a revision will be warranted is additional information is provided or becomes available.

If anyone can identify this model of aircraft, it would be appreciated if you could contact the Carnicom Institute email at info@carnicominate.org with any such helpful identifying information.

Abstract Name: [CHEMTRAIL GROUND SAMPLE \(1\): MICROSCOPIC FIBERS REVEALED](#)

Date: November 1, 1999

Author: Clifford E. Carnicom

Abstract

Eyewitness accounts of finding unusual fiber materials on the ground have been accumulated over the past year and more in direct connection with unusual aircraft activity. As might be expected, there are repeated, frequent and widespread accounts of respiratory distress and allergic reactions reported in association with such aircraft activity. This paper continues previous research on and presents microscopic views of suspected chemtrail ground samples collected in November and December 1999. Two identical ground fiber samples (one from Sacramento, CA, and one from eastern Oregon) were received, analyzed and compared to synthetic and natural fibers, such as human hair, wool, silk, spider webs, cotton and more. Though found in locations hundreds of miles apart, these two ground fibers exhibited identical characteristics in all respects down to the microscopic level. Based on tests outlined in this paper, it has been demonstrated that the ground sample fibers cannot be identified as any known or common natural or synthetic fiber.

Abstract Name: [SANTA FE, NEW MEXICO NOVEMBER 3, 1999 SOUTHERN SKY 09:45](#)

Date: November 3, 1999

Author: **Clifford E. Carnicom**

Abstract

Pictures captured and posted in this paper show massive aerosol trails sprayed in criss-cross patterns in Santa Fe, New Mexico on November 3, 1999.

Abstract Name: [CHEMTRAIL GROUND SAMPLES: MICROSCOPIC VIEWS](#)

Date: **November 4, 1999**

Author: **Clifford E. Carnicom**

Abstract

Microscopic views are presented of two filaments taken from a ground fiber sample after aerial spraying in eastern Oregon on November 2nd and November 4th, 1999. Observation and analysis indicate that the samples appear to be a polymer of some type, being both extremely elastic and adhesive, raising the possibility that this material may act as a carrier mechanism. The materials are white, and look like spider webs. The materials, under magnification, show individual strands that are wave-like in nature, and tend to coalesce and congeal easily. Ill health effects have been reported in association with the handling of this material. This material is reported to dissipate within a few hours of falling on the ground, and in being exposed to the weather. The ground fiber sample images are compared to and found not to be spider webs, and to be fully synthetic. Common health effects associated with this spraying include severe respiratory problems, burning eyes, feeling tired, and some people coughing up blood.

Abstract Name: [CHEMTRAIL GROUND SAMPLE PHOTOGRAPHS](#)

Date: **November 4, 1999**

Author: **Clifford E. Carnicom**

Abstract

Photographs depicting clumps of fibrous looking material scattered on the ground are presented in this paper, and were taken by a witness in Sedona, Arizona on July 10, 1999. These samples were found on the ground after numerous townspeople reported hearing low flying aircraft the previous night. The samples, which reportedly made some people ill, had a petrochemical odor, and dissipated by mid-morning.

Abstract Name: [NATIONAL PROTEST, NOVEMBER 20 SANTA FE "OFFICIAL RESPONSE"](#)

Date: November 20, 1999

Author: Clifford E. Carnicom

Abstract

In this paper, pictures captured and posted by Clifford Carnicom in the southern sky of Santa Fe, New Mexico on November 20, 1999, show massive trails sprayed in various patterns at different altitudes and spreading out into persistent trails.

Abstract Name: ['MEGASPRAYER' NUMBER 4 CAPTURED](#)

Date: November 30, 1999

Author: Clifford E. Carnicom

Abstract

This set of photos shows aerosol emissions extending across the entire wingspan of a McDonnell Douglas MD80 aircraft on November 30, 1999 in Santa Fe, New Mexico . This aircraft has rear mounted engines, showing that this wide span of aerosols cannot be emanating from the engines alone. These pictures show the same entire wingspan results that have been witnessed in previous Carnicom papers named **THIRD 'MEGASPRAYER' CAPTURED** (September 9, 1999), **NEW CHEMTRAIL SPRAY SYSTEM REVEALED** (August 14, 1999), and **NEW CHEMTRAIL SPRAY SYSTEM CONFIRMED** (August 14, 1999).

Abstract Name: [AN OPEN INVITATION](#)

Date: January 1, 2000

Author: Clifford E. Carnicom

Abstract

An open invitation is posted on www.carnicominstitute.org on this date that challenges anyone who refutes the veracity of evidence presented and analyzed on this website to contact the institute and set up a meeting of minds for a discussion on proof present in the Carnicom papers

“This invitation is open to ANYONE with doubt of the evidence presented”.

Abstract Name: [REPRESENTATIVE UDALL FAILS TO RESPOND](#)

Date: January 19, 2000

Author: Clifford E. Carnicom

Abstract

A comprehensive briefing package on the chemtrail issue containing photographs, testimonies, research references and petitions for congressional action on this issue was hand delivered by a prominent media person to Congressional Representative Thomas Udall of New Mexico on September 2, 1999. After no response for evaluation was received back by late November 1999, second and third letters were sent asking for a reply from Representative Udall. Mr. Udall finally sent a form letter back in March of 2000 to the deliverer of the material, stating that he had made a request for Congress to hold hearings on this matter. A spokesman for Representative Udall later stated no such request had been made to Congress by Representative Udall.

Abstract Name: [SANTA FE FORMATIONS](#)

Date: February 8, 2000

Author: Clifford E. Carnicom

Abstract

Three photos show massive aerosol trails left in the skies above Santa Fe, New Mexico on September 8, 2000.

Abstract Name: [COLORED CLOUDS](#)

Date: February 9, 2000

Author: **Clifford E. Carnicom**

Abstract

A witness sent in two photos that show colored clouds, possibly indicating chemicals in the clouds from aerosol spraying. Though the witness said you couldn't see the colors with the naked eye, the colors in the videotape (and seen in the pictures posted on this page), pink, green, yellow and purple, stayed visible for about 2 minutes.

Abstract Name: [**THIRD GROUND SAMPLE RECEIVED**](#)

Date: **February 10, 2000**

Author: **Clifford E. Carnicom**

Abstract

Pictures on this page show unusual samples from Sacramento, California that a witness sent in to the Carnicom Institute. These samples, which are white and of granular or powder form, are not at all similar to the fibrous microscopic samples sent in and discussed earlier. The significance of this ground sample, as well as the identification of it, remains unknown at this time.

Abstract Name: [**EPA CONTINUES TO BE 'UNAWARE'**](#)

Date: **February 25, 2000**

Author: **Clifford E. Carnicom**

Abstract

A lengthy letter from the EPA, sent to a concerned citizen and copied on this page, is a complete denial of the possibility of chemtrails and aerosol operations. The letter speaks a common theme of denial that the spray lines, witnessed by an increasing number of people and spreading out across the sky, are simply normal contrail exhaust from aircraft engines.

Abstract Name: [**MICROSCOPIC PARTICLE COUNT STUDY - NEW MEXICO 1996-1999**](#)

Date: **March 23, 2000**

Author: **Clifford E. Carnicom**

Abstract

Driven by repeated observations of aerial spraying in the United States in the years from 1996-2000, a statistically significant study of airborne microscopic particle count data from the State of New Mexico was conducted, with approximately 175,000 observations of hourly monitored data from five stations in the state analyzed. This statistical test has been designed to question the difference between the data of 1999 (Data set 1) vs. the combined data of the three previous years from 1996-1998 (Data set 2).

The results show that there is a significant statistical difference between the magnitudes, averages, and variances of the two data sets. The conclusion to be reached from this study is that the microscopic air particle count in the state of New Mexico in 1999 is significantly different from that of the preceding three years, and that this difference is directly correlated with the observations of aerial spraying that have taken place during this same time period. The results of this study form a further basis for criminal investigation of the documented spray activity and for congressional hearings on this subject.

Abstract Name: [FLEET FORMATION APRIL 1](#)

Date: **April 1, 2000**

Author: **Clifford E. Carnicom**

Abstract

Very unusual, tightly aligned chemtrails are photographed together and attached to this page. The spray lines are all in parallel, and are shown close up and later starting to spread out.

Abstract Name: [ULTRAVIOLET LIGHT INVESTIGATIONS OF GROUND FIBER SAMPLES](#)

Date: **April 17, 2000**

Author: **Clifford E. Carnicom**

Abstract

A ground fiber sample received previously in November 1999 is observed and pictured in this paper under a microscope and black light, and is compared to other known and unknown synthetic fibers. A notable thing from this observation is that the ground fibers show a low level of fluorescence, whereas

the synthetics compared to show a high level of fluorescence. The ground fiber samples also showed sub-micron diameter, and high levels of adhesiveness and elasticity.

Additional data and feedback of the current investigations underway with UV light is most welcome.

Abstract Name: [GEL FALLOUT REPORTS](#)

Date: April 24, 2000

Author: Clifford E. Carnicom

Abstract

A honey like substance was splattered on a witness' windshield while she was driving in California in April 2000, as well as on the car's windshield behind her. The woman took photographs that are shown in this paper, and a small sample of this material was sent to Clifford Carnicom for analysis. There is fibrous material in the sample as well. This occurred under a clear sky with no obvious reason for this material to have landed on this car. Of note are two similar instances of what appeared to be identical materials observed, one in July 2000 in Albuquerque New Mexico that was experienced by Clifford Carnicom, where a material landed on his car windshield that was similar form and color to that of the samples sent to him previously. Another report from a witness in North Carolina claimed in August 2000 that a very similar material was found on her car windshield.

Abstract Name: [RADAR & SATELLITE IMAGES; DISPARITY BETWEEN SATELLITE AND RADAR IMAGES](#)

Date: April 29, 2000

Author: Clifford E. Carnicom

Abstract

Satellite images and radar formations collected from earthwatch.com and weathertap.com on April 29, 2000 show disparities between them rather than alignment in the weather patterns on that day.

Abstract Name: [BIOLOGICAL COMPONENTS IDENTIFIED](#)

Date: May 11, 2000

Author: **Clifford E. Carnicom**

Abstract

Further testing of ground fiber samples previously collected and analyzed (see papers titled CHEMTRAIL GROUND SAMPLES revealed biological components in the fibers - numerous red blood cells, white blood cells, and unidentified cell types have been found in the ground samples. The red blood cells, readily visible after being subjected to immersion oil, appear to possibly be of a freeze dried or desiccated nature. Numerous pictures from the microscope video show these biological as well as unidentified components.

The surfaces of the cells appear to be modified in some way, but electron microscopy will likely be required to establish further detail.

Abstract Name: [UNUSUAL TRAIL](#)

Date: **May 12, 2000**

Author: **Clifford E. Carnicom**

Abstract

A witness captured a photograph of a highly unusual chemtrail on May 12, 2000 at Magalia, California around 7:45 pm. The section of the trail that was captured and sent to the Carnicom Institute shows a strange curving snake-like wave within the trail itself. The camera setup that was used to take the photo is described as well.

Abstract Name: [FBI CONTACTED](#)

Date: **May 7-26, 2000**

Author: **Clifford E. Carnicom**

Abstract

Incidents are described where the Federal Bureau of Investigation (FBI) needed to be contacted numerous times regarding certain actions publicly committed or proclaimed against Clifford Carnicom, including impersonation, libel, hacking, and death threats.

Abstract Name: [RADAR IMAGE: EXTRAORDINARY RING STRUCTURE](#)

Date: **May 30, 2000**

Author: **Clifford E. Carnicom**

Abstract

An email was received by the Carnicom Institute reporting an animated radar image showing an extraordinary ring structure in southwester Utah on May 30, 2000.

Abstract Name: [EPA DEEMED NEGLIGENT](#)

Date: **June 9, 2000**

Author: **Clifford E. Carnicom**

Abstract

A copy of a certified letter sent by Clifford Carnicom on June 9, 2000 to Carol M. Browner, the Administrator of the Environmental Protection Agency (EPA), is attached in this paper that outlines how Ms. Browner has been negligent in not investigating and analyzing hazardous biological samples sent previously to the EPA that pose human health risks. This letter makes clear that Ms. Browner and the EPA are responsible for reporting to the American public, and having not been forthcoming with an interest to look into the requests for sample analysis, Ms. Browner and the EPA are to be held accountable for the lack of integrity of the EPA.

Abstract Name: [SYNTHETIC CLOUDS REVEALED](#)

Date: **June 22, 2000**

Author: **Clifford E. Carnicom**

Abstract

Photographs were captured and presented that show the effects of a non-aerosol spraying plane 'cutting through' a cloud layer, and the resulting evacuation of the clouds from the plane's flight path. The absence of mass of the cloud materials after the plane passage shows the clouds to have density,

form and behavior unbecoming of water vapor, and have all the appearances of being at least in part of a synthetic nature. The photograph captures demonstrate these 'clouds' not being fully of water vapor as may commonly be assumed.

Abstract Name: [INQUIRY: RAINWATER ANALYSIS](#)

Date: June 27, 2000

Author: Clifford E. Carnicom

Abstract

Two separate rainwater samples collected during the first substantial rains in Santa Fe, New Mexico on June 26th and 27th are analyzed under a microscope in this discussion. Both samples appear to show non-moving, double celled structures measuring 40-50 microns in diameter and showing up as separate structures and in clusters. After posting on the www.carnicom.com message board eliciting input from those with microbiology or microscopy experience in identifying these structures and receiving no responses, these structures were assumed to be pine pollen and discussion was discontinued. However, after receiving an anonymous response on the message board stating that pine pollen is used in clandestine genetic engineering experiments, this discussion was reopened.

Anyone with microscopy and/or microbiology backgrounds who can help identify these structures, or give other relevant information regarding these structures, are invited to contact the Carnicom Institute with any and all data points to help in this regard.

Abstract Name: [EPA REFUSES TO IDENTIFY SAMPLE](#)

Date: June 28, 2000

Author: Clifford E. Carnicom

Abstract

A letter from the Environmental Protection Agency (EPA) to Clifford Carnicom states the intention of the EPA is to not analyze the samples sent to them by Mr. Carnicom previously. Rather, they attached their same letter of refusal from earlier in the year that describes their view that chemtrails and such programs do not exist, and that it is normal contrails that are showing in the skies that people are reporting.

Abstract Name: [PILOT'S FORUM: PPRUNE PILOTS FORUM](#)

Date: July 19, 2000

Author: Clifford E. Carnicom

Abstract

This paper is a discussion of the conditions for being able to contribute to the chat forums associated with carnicom.com. Numerous people posting on the chat board were removed due to unnecessary posts, or those that were offensive or simply lies. Many names of the offenders were posted.

Abstract Name: [CONTRADICTIONS](#)

Date: July 20, 2000

Author: Clifford E. Carnicom

Abstract

A contradiction is examined in this paper where, despite conditions being unfavorable to the formation of clouds, heavy aircraft spray activity in the morning hours in Santa Fe, New Mexico resulted in the classic formation of extensive cirrus-, cirrostratus-, and cirrocumulus 'appearing' cloud decks at a relative humidity of 36%. Six reliable sources, including researchers at NASA and NOAA, and Vincent Shaefer (inventor of cloud seeding in 1946), affirm that cloud formation is not expected to even begin below relative humidities of 70%. And yet repeatedly since the early part of 1999 such formation of cirrus - cirro-stratus - and cirrocumulus cloud decks are observed forming as a direct result of aircraft activity in conditions of extreme low humidity in the southwest desert.

Abstract Name: [ADDITIONAL BIOLOGICAL COMPONENTS IDENTIFIED: 2nd MICROSCOPE SESSION](#)

Date: July 21, 2000

Author: Clifford E. Carnicom

Abstract

Microscopy stills are attached in this paper from fiber samples that had been previously evaluated in an earlier Carnicom paper named **BIOLOGICAL COMPONENTS IDENTIFIED** that was published on May

11, 2000. Though a portion of this same fiber sample was sent to EPA Administrator Carol M. Browner six months prior to this paper, to date, Ms. Browner refuses to identify the material in this sample.

Abstract Name: [SAMPLES REQUIRE IDENTIFICATION](#)

Date: August 9, 2000

Author: Clifford E. Carnicom

Abstract

Three separate samples that were collected in August 2000 are pictured and discussed in this paper. The first sample analyzed was sent in from Missouri and is a dark brown/black powdery substance, and is possibly a fungus. A microscope shows the substance to be made up of uniform spherical structures about 7 microns in diameter. The second substance discussed is a fibrous material that was found in a previous rainwater sample collected on June 26-27, 2000 in Santa Fe, New Mexico. When dried, these fibers appeared dendritic in nature, and under a microscope, they measured roughly 1 micron in diameter. The third substance is a material that appeared to have originated from the ground in Albuquerque, New Mexico, and is not believed to be related with aerial activity. This material, described as having a foam-like nature and a texture like 'chocolate mousse', is believed to be fungus related, though such a growth is not known to thrive in desert conditions in New Mexico.

Input is welcome in determining what these substances are. Those with mycology or microbiology backgrounds are encouraged to respond to the Carnicom Institute.

Abstract Name: [GEL UNDER MICROSCOPE](#)

Date: August 16, 2000

Author: Clifford E. Carnicom

Abstract

Transparent gel that was sent in and discussed in a previous Carnicom paper named **GEL FALLOUT REPORTS**, dated April 24, 2000, is pictured and analyzed in this paper. There are three (3) recurring forms or objects that appear in each of three (3) separate slides that were prepared for viewing under a microscope: 1) an unidentified circular cell around 45 microns in diameter; 2) pine pollen, which is identical to the pine pollen found in the previous paper titled **INQUIRY: RAINWATER ANALYSIS** dated June 27, 2000; and 3) geometrically ribbed linear forms. Numerous pictures are attached to this paper for viewing.

Abstract Name: ["ORANGE MARKER" QUESTION](#)

Date: August 17, 2000

Author: Clifford E. Carnicom

Abstract

Over the course of several months, many individuals who participate on the www.carnicom.com chat board came to experience the unusual event whereby these individuals noticed bright orange fluorescent spots on their faces and especially in the nasal region while under only a black light. The material of these orange spots was found to be difficult to wash off, but could be extracted by squeezing the skin around the spots. Pictures of the materials removed are attached in this paper.

It is desired to have people from the health profession to provide input as to any known nature of this phenomenon. As well, anyone with laboratory resources who can help identify this is encouraged to contact the Carnicom Institute.

Abstract Name: [AN APPROXIMATION](#)

Date: August 22, 2000

Author: Clifford E. Carnicom

Abstract

This paper validates the feasibility of aerosol cloud seeding operations in great detail, analyzing inputs such as air volume constraints, chemical concentration levels, particulate size, weight and size constraints of aircraft, number of aircraft employed, and the amount of time required to perform such as operation. Though not an exhaustive study, complex calculations are performed that lend credence to the argument that these aerosol programs, observed in the skies for many years, are quite possible.

Abstract Name: [US LT. COL. GIBSON EXTENDS LIE TO REP. FAZIO](#)

Date: August 23, 2000

Author: Clifford E. Carnicom

Abstract

This paper is the actual letter sent from USAF Lt. Colonel Gibson to Representative Fazio regarding the USAF's official explanation of what chemtrails/aerosols really are. Lt. Col. Gibson sends a canned reply to an inquiry from Rep. Fazio explaining that chemtrails are really condensation (contrails) that are harmless and normal, and that that chemtrails are a hoax despite growing evidence of their existence.

Abstract Name: [RAINFALL pH TEST REPORTS](#)

Date: **September 1, 2000**

Author: **Clifford E. Carnicom**

Abstract

This paper shows comparisons of average measured rainfall pH levels across many different areas in the US during the years 1990, 1999, and 2000. There are small differences in average rainfall pH levels across the nation when the years 1990 and 1999 are compared for each region measured, but the year 2000 shows significant increases in pH levels over both years 1990 and 1999, with some increases upwards of 73% in the year 2000 over earlier 1990 levels. This depicts a large change in atmospheric chemistry across many regions of the US in 2000 over earlier years.

Abstract Name: [HALO MEASUREMENTS; INDEX OF REFRACTION](#)

Date: **September 1, 2000**

Author: **Clifford E. Carnicom**

Abstract

Presented in this paper is a detailed analysis of a method for determining the index of refraction of materials in the sky that produce the halos being seen around the sun after aircraft activity observed recently. The trigonometric method presented allows the calculation of not only the index of refraction, but also the angle of the halo. The significance of this method is that the chemical and physical nature of ice, as well as historic measurements, establish what the index of refraction and the halo angular measurement should be. Measurements that deviate from the expected result inform us that the materials forming the aircraft-generated halos, cirrus and cirro-stratus cloud decks are no longer composed solely of ice as is often claimed.

An actual calculation is performed, using a halo from a picture presented in this paper, and applying this method for determining the index of refraction and halo angle in the picture. The measurement

calculation proves that the halo in the picture is not made up of only ice, refuting previous claims of the halo being only ice.

Abstract Name: [A CASE FOR TESTING](#)

Date: September 3, 2000

Author: Clifford E. Carnicom

Abstract

A logical case has been developed within this article to substantiate the need for environmental testing of barium or barium compounds in our water, air and soil based on the progression of the following:

- 1) Meteorological studies of aerosol particulates being introduced into the atmosphere
- 2) Information from a highly credible source
- 3) Chemistry analysis of barium and barium compounds
- 4) pH testing of rainwater for alkalinity/acidity
- 5) Collection of physical samples after aerosol spraying
- 6) Testing of collected samples against a hypothesis that these samples are barium based
- 7) Solubility and equilibrium considerations of barium and barium compounds
- 8) Environmental testing (water, soil, air)

Abstract Name: [pH TEST ALERT](#)

Date: September 7, 2000

Author: Clifford E. Carnicom

Abstract

This paper makes the case for increased testing of pH levels in in rainwater by US citizens. At this point, there are indications that significant alterations in atmospheric chemistry have occurred due to aerosol operations. A pH test from Santa Fe, New Mexico yielded a fairly significant deviation from what was expected and is presented as an additional reason for rainwater testing.

Abstract Name: [AIR FORCE LIES TO AMERICA](#)

Date: September 11, 2000

Author: **Clifford E. Carnicom**

Abstract

This article is a copy of a letter from Michael K. Gibson, Lt. Col., United States Air Force in response to to US Rep. Mark Green's inquiry into aerosols, namely 'chemtrails'. The letter states makes incorrect statements regarding the existence of aerosol programs, as well as stating that the lines seen emanating from aircraft are normal 'contrails'.

Abstract Name: [EIGHT CONDITIONS](#)

Date: **September 17, 2000**

Author: **Clifford E. Carnicom**

Abstract

Further exploring the need for increased testing of rainwater for pH is the subject of this paper. Eight conditions for identifying components of aerosol particulates are presented as hypotheses that if proven true will help identify these particulates being salts and trace metals such as barium and strontium.

Abstract Name: [CONTRAIL PHYSICS](#)

Date: **September 17, 2000**

Author: **Clifford E. Carnicom**

Abstract

This paper discusses a preliminary model developed in order to estimate the length of time required for 'normal' contrails to dissipate. The model developed agrees extremely well with historical behavior and observation of contrails. Conclusions that result from the study of this model include the expected rate of water vapor based contrails, and that the rates of dissipation for normal contrails are based on the size of ice crystal particulates and amount of solar radiation. A further conclusion drawn is that if an observed contrail does not conform to the model, it is likely that the material of emission is not water vapor.

Abstract Name: [PROJECT REPORT NUMBER 1](#)

Date: September 20, 2000

Author: Investigative Study Group (Anonymous)

Abstract

This paper is an outline of an investigative study group (composed of researchers with backgrounds in disciplines such as electronics, communications, medicine and others) formed to give an understanding of aerosol programs and other related scientific, government, and military programs going on in the United States. This report covers aspects of aerosol programs, including but not limited to weather modification, experiments, scalar weapons, High Frequency Active Auroral Research Project (HAARP), ongoing research and development by the government and military, and others. This report was devised in order to get people to focus on the critical and dangerous nature of these programs, and was added to the Carnicom website.

Abstract Name: [OFFICIAL RESPONSES TO AEROSOL OPERATION INQUIRIES](#)

Date: September 20, 2000

Author: Various

Abstract

Numerous response letters and other documents are provided in this paper that have been received from government and military agencies in response to inquiries sent to them regarding growing alarm over aerosol programs. These replies vary in their misinformation, contain lies, fabrications and denials of such programs, and have been sent from entities such as the Air Force, Secretary of Defense, Environmental Protection Agency (EPA), Greenpeace, Attorney Generals, and more.

Abstract Name: [O'CONNELL OPPOSES SPRAYING](#)

Date: September 20, 2000

Author: Carnicom

Abstract

This paper is an actual letter that was sent from California State Senator Hack O'Connell in response to a letter sent to him regarding the concern of aerosol spraying programs. His initial response seems to be that of concern, but he eventually directs the sender to NASA's website and makes it clear that his belief is that these aerosol trails are indeed normal 'contrails'.

Abstract Name: [20 TIMES](#)

Date: **September 21, 2000**

Author: **Carnicom**

Abstract

This paper outlines the 20 fold increase in the concentration of hydroxide ion concentration in the atmosphere of the United States. Recent and preliminary pH test data from across the nation indicates that this increase has happened when comparing baseline data from 1990-1999 data with that of 1999. This significant change in a relatively short timeframe has major implications for both the chemistry and biology of the nation and the planet at large.

Abstract Name: [DRASTIC pH CHANGES](#)

Date: **September 24, 2000**

Author: **Carnicom**

Abstract

This paper discusses the statistical significance of the measured startling changes in the hydrogen ion concentration in the clouds, precipitation, rainfall in the years from 1990-2000 in the United States. These atmospheric changes are correlated directly with the presence of sustained and extensive aircraft aerosol operations since the beginning of 1999.

Abstract Name: [GEL COMPONENTS](#)

Date: **October 8, 2000**

Author: **Carnicom**

Abstract

A gel sample, identical to two others previously identified, is analyzed in this paper. This sample was sent in by a witness who found numerous identical samples in her yard after small planes and helicopters flew over her house just before the samples were found. There appears to be a clear cellular structure in the sample that absorb iodine stain readily and become darkened in color. Reports of serious ill health have been associated with this gel material.

Abstract Name: [ATMOSPHERIC SALT CONFIRMED](#)

Date: **October 10, 2000**

Author: **Carnicom**

Abstract

It has been deduced and established from earlier Carnicom work and research (see earlier papers 'A Case for Testing' 'Eight Conditions', 'Drastic pH Conditions', 'pH Test Alert', '20 Times', and 'pH Test Results') that a case for testing the atmosphere, water, and soil for alkaline salts exists. Testing of rainwater samples across the United States shows an approximate twenty fold increase in the level of hydroxide ions found in rainwater in the year 2000 versus a baseline period from 1990-1999. This paper discusses an experiment where electrical current applied to rainwater samples results in a chemical reaction that proves the presence of an electrolyte (salt form).

Abstract Name: [ADDITIONAL FIBER PHOTOS RECEIVED](#)

Date: **October 30, 2000**

Author: **Carnicom**

Abstract

Additional fiber samples were sent to Carnicom that were found in Diamond Springs, California, Rancho Murietta, California, and Folsom, California. The material in these samples appears to be identical to that analyzed and documented previously. These samples also appear to be identical to those samples sent to the United States Environmental Protection Agency (EPA), the agency that refuses to identify the material in the samples. Photos of these samples are shown in this paper.

Abstract Name: [BARIUM AFFIRMED BY SPECTROSCOPY](#)

Date: **November 1, 2000**

Author: **Carnicom**

Abstract

The unusual presence of the element barium in the atmosphere now appears to have been affirmed through the methods of spectroscopy. The results of current research are no sufficient to establish an analytical basis for the formal investigation of radical atmospheric changed induced by relatively recent aircraft aerosol operations. This Carnicom work further confirms the recent findings that have substantiated the unusual presence of an alkaline sale form in the atmosphere, as revealed through recent pH tests conducted around the country.

Abstract Name: [BARIUM IDENTIFICATION FURTHER CONFIRMED](#)

Date: **November 28, 2000**

Author: **Carnicom**

Abstract

Further studies with a diffraction grating spectrometer have more definitively affirmed the identification of barium in the atmosphere as a result of aircraft aerosol activities. All research conducted so far continues to indicate a unique match to the element of barium. Additional work that has been completed also eliminates further candidates from the periodic table as being in the atmosphere. Three progressions of logic to support the identification of barium in the atmosphere are discussed in this paper.

Abstract Name: [RADIATION AND HAARP IMPLICATIONS](#)

Date: **November 30, 2000**

Author: **Carnicom**

Abstract

This paper discusses notes from current research, including characteristics of the element barium, biological aspects of ionizing radiation, HAARP, crystal chemistry and refractivity, HEPA air filters and more, as these pertain to current research being conducted.

Abstract Name: [PARTICULATE PHOTOGRAPHS](#)

Date: January 4, 2001

Author: Carnicom

Abstract

This paper includes photographs taken from a video segment on January 3, 2001 in Santa Fe, New Mexico showing abundant particulate matter in the air falling from the sky after intense aerosol operations. Observations made at this time show these particulates to be on the order of sub-micron to several microns in size. The particulates in the photos appear to be white, highly reflective, electrically charged and likely of a metallic nature.

Citizens, professionals, and activists across the country are encouraged to participate in this nationwide effort of research, disclosure and establishment of accountability.

Abstract Name: [EPA MISSION STATEMENT](#)

Date: January 9, 2001

Author: Carnicom

Abstract

This work gives a link to the United States Environmental Protection Agency's Mission Statement.

Abstract Name: [EPA PERPETUALLY "UNAWARE"](#)

Date: January 9, 2001

Author: Carnicom

Abstract

Another letter from the EPA claiming to be unaware of aerosol operations is included in this paper, despite the initial notification of accumulating evidence on the aerosol spraying on December 9, 1999. This is one of several communications from the EPA claiming to be “unaware” of any such activities. At this time, Carol Browner, the Administrator of the EPA, also refused to acknowledge the existence of a physical sample sent to her by certified mail on June 20, 2000, along with the refusal to identify the material in this sample.

Abstract Name: [EASTLUND BARIUM REFERENCE](#)

Date: **January 9, 2001**

Author: **Carnicom**

Abstract

This paper discusses a method and apparatus for altering at least one selected region which normally exists above the earth’s surface. This region is excited by electron cyclotron resonance heating to thereby increase its charged particle density. The information detailed in this paper outlines the emergence of ‘inventions’ leading to HAARP (High Frequency Active Auroral Research Project). The benefit of using barium for electron precipitation is also detailed, as are detailed accounts of experiments that lead up to the development of HAARP facilities.

Abstract Name: [ABSORPTION STUDY](#)

Date: **January 9, 2001**

Author: **Carnicom**

Abstract

This paper discusses estimates of the amount of electromagnetic energy absorbed by a particle of barium at various sizes and for varying wavelengths. Using the exponential attenuation law in combination with the definition of the coefficient of absorption, it is shown that energy absorption of a metallic particle is a function of particle size, conductivity, wavelength, and the permeability of the vacuum constant.

Abstract Name: [USAF TO TAYLOR: ALL IS 'ORDINARY'](#)

Date: February 1, 2001

Author: Carnicom

Abstract

This letter from the United States Air Force continues a string of the denials of aerosol spraying programs that have been witnessed by many and upon which numerous tests have been performed proving such programs. The claim by this member of Congress who wrote this letter claims as usual that the spray lines observed and researched are simply 'contrails', despite proof to the contrary.

Abstract Name: [UNITED STATES EPA REGION 4 ALSO 'UNAWARE'](#)

Date: February 1, 2001

Author: Carnicom

Abstract

This letter from the United States Environmental Protection Agency (EPA) to Senator Jess Helms, on behalf of one of Helms' constituents, yet again obfuscates the reality of aerosol programs, and provides the typical denial of these programs as being normal 'contrails'.

Abstract Name: [UNITED NATIONS TREATY: Environmental Modification Restrictions 1976](#)

Date: February 1, 2001

Author: Carnicom

Abstract

This work gives a link to the United Nations Treaty of the Convention on the Prohibition of Military or an Other Hostile Use of Environmental Modification Techniques, which by all accounts is being violated by the aerosol programs being observed and researched.

Abstract Name: [THE NUREMBERG CODE](#)

Date: February 1, 2001

Author: Carnicom

Abstract

This page contains an excerpt from the Nuremberg Code, reprinted from Trials of War Criminals before the Nuremberg Military Tribunals. This specifically states that a person exposed to human experimentation should be made aware of such experiments and possible ramifications, and should have the right to refuse being a guinea pig for such experiments.

Abstract Name: [UNITED STATES ENVIRONMENTAL PROTECTION AGENCY LAW](#)

Date: February 1, 2001

Author: Carnicom

Abstract

This paper discusses the aims and missions of the US EPA with respect to protecting human health and safeguarding the natural environment. The US code covers the establishment of standards for aircraft engine emissions, mitigating international effects of air pollution by the US and other countries, the need for public notification in the event of known hazards and pollution, and the prevention and remedying of the impairment of visibility which results from manmade air pollution.

Abstract Name: [IDENTICAL FIBER SAMPLES RECEIVED](#)

Date: February 4, 2001

Author: Carnicom

Abstract

This work contains fiber samples collected and more pictures of fiber samples that were sent to Carnicom from a witness in Joseph, Oregon on October 2, 2000. These samples are identical in both appearance and characteristic to those discussed in previous Carnicom papers. All four samples collected so far have been reviewed under a microscope, and these new samples are identical to those

that were sent to the US EPA. These samples have been found to contain significant biological components.

Abstract Name: [ELECTROSTATIC PRECIPITATION](#)

Date: February 5, 2001

Author: Carnicom

Abstract

This page is a call for citizens, professionals and independent researchers across the US to engage in researching the field of electrostatic precipitation, in addition to the pursuit of direct resolution filtering of the atmosphere in order to identify the particulate matter being emitted by aerosol planes.

Abstract Name: [TELEPHONE TAP APPARENT](#)

Date: February 6, 2001

Author: Carnicom

Abstract

Clifford Carnicom's phone line at this time exhibited anomalies that indicated the phone line was tapped. These indications included abrupt and erratic phone service to Carnicom's residence with symptoms of repeated termination of conversations in mid-stream, failed connections, emergence of dial tones midstream, and various clicks and other sounds within the conversations. Though some of the more obvious indications of a phone tap went away after a while, those that continued were discrete, repeated and intermittent interruptions of phone conversation with clicks and momentary pauses of silence.

Abstract Name: [IONIZATION APPARENT](#)

Date: February 20, 2001

Author: Carnicom

Abstract

The question of whether or not visible light is sufficient to ionize the presumed metallic particulate material recently evidenced by photographs and video of January 3, 2001 is now answerable based on definitions and calculations discussed in this Carnicom paper. The 'work force' of metal is explained, which is crucial to the determination of the level of energy required for photo-ionization to take place. The results of the study done in this paper indicates that the energy available within visible light is sufficient to produce photo-ionization of barium particulate matter, and that midrange ultraviolet light is sufficient to produce photo-ionization of particulates of magnesium.

Abstract Name: [IONIZATION – “CLOUDS” RELATIONSHIP](#)

Date: February 24, 2001

Author: Carnicom

Abstract

The role and importance of photo-ionization within the aerosol operations is becoming increasingly evident...the formation of so-called “clouds” can be directly related to the introduction of easily ionized materials within the atmosphere. This paper’s finding substantiates the case for radical alterations in the earth’s atmosphere, as well as with the recent findings that demonstrate the abundance of electrically charged particulate matter in direct association with the aerosol operations.

Abstract Name: [ELECTROSTATIC PRECIPITATION METHOD ESTABLISHED](#)

Date: February 25, 2001

Author: Carnicom

Abstract

This page is a call for citizens, professionals and independent researchers across the US to engage in researching the field of electrostatic precipitation, in addition to the pursuit of direct resolution filtering of the atmosphere in order to identify the particulate matter being emitted by aerosol planes.

Abstract Name: [BIOLOGICAL OPERATIONS CONFIRMED](#)

Date: February 25, 2001

Author: Carnicom

Abstract

This paper discusses the analysis of three atmospheric samples all containing biological components conducted in Santa Fe, New Mexico in 2001. Biological components as an aspect of the aerosol operations up to this time have been considered as being of a limited nature, with their significance and relevance to overall agendas remaining unknown. The findings in this paper drastically alter that interpretation, and biological components must now be considered as a major and dominant consideration within the aerosol operations.

The methods of electrostatic precipitation outlined in this paper are now available for all researchers, professionals and activists across the nation to employ. The need to further conduct these tests and to perform the qualifying research is now paramount to the welfare of all citizens.

Abstract Name: [NIPR ACTIVITY INCREASES](#)

Date: February 28, 2001

Author: Carnicom

Abstract

Visitation activity by NIPR.mil (NIPR = Department of Defense Network Operations (NIPRnet)) has increased dramatically over the last few days to www.carnicom.com. Responses to an elicitation by Clifford Carnicom on the message board for additional information about NIPR are included in this paper. One such reply offers the belief that the Defense Information Systems Agency (DISA) created NIPR so that NIPR is essentially a VERY secure, single point of contact for all Department of Defense (DoD) connections to the internet.

Abstract Name: [HEPA BIOLOGICALS CONFIRMED](#)

Date: March 6, 2001

Author: Carnicom

Abstract

Testing with a standard HEPA air filter revealed the existence of biological components in the atmosphere. The air filter was placed 10 feet off the ground, within a non-agricultural, non-industrial, high desert rural area, and the exposure time for the test was one week. The results of this work indicate biological components which again satisfy all the visual characteristics of red blood cells in air samples taken.

The methods used in this testing of filtering and identification are now available to all citizens with modest means. The identification of the cell types found, and an accountability for their existence is of critical importance to the public welfare, and it is hoped that independent researchers, professionals and activists will contribute to that cause.

Abstract Name: [FALSE STATEMENT ISSUED](#)

Date: March 8, 2001

Author: Carnicom

Abstract

Clifford Carnicom refutes accusations that he misinformed about the nature of contrails, as well as the accusation that Carnicom is spreading propaganda in order to make money off videos etc. that are sold to a scared public.

Abstract Name: [MAGNETOHYDRODYNAMIC \(MHD\) CONSIDERATIONS](#)

Date: March 12, 2001

Author: Carnicom

Abstract

As evidence continues to accumulate that the ionization level of the atmosphere has been modified in a significant way as a result of aircraft aerosol operations, a new topic on research in this area is the topic of magnetohydrodynamics (MHD). MHS is the "study of the interactions between a conducting field and a magnetic field". An explanation of Bernard Eastlund's 1987 patent number 4686605 is included in this paper and details that a particular 'advantage' of an MHS generator is that they can be made to generate large amounts of power with a small volume, lightweight device. As a weapon, the use of MHD in weapons is endless. With an effective MHD defense system in place, it is possible to use magnets, harnessing only the power of air, to create huge electric forces.

Abstract Name: [USA TODAY – WILLIAM THOMAS RESPONSE](#)

Date: March 15, 2001

Author: Carnicom

Abstract

William Thomas' response to a USA Today article that was run March 7, 2001 is the subject of this Carnicom work. The USA Today article ridicules the notion that contrails are actually aerosol spraying programs, as espoused by Clifford Carnicom and others.

Abstract Name: [COLORADO HEPA BIOLOGICALS CONFIRMED](#)

Date: March 16, 2001

Author: Carnicom

Abstract

A second HEPA (High Efficiency Particulate Air) filter sample was received from Aspen, Colorado and was analyzed under microscope. This HEPA filter ran for five days approximately 15 feet above ground. This filter shows the frequent presence of biological materials. Visual analysis of the cellular materials appear so show erythrocytes (red blood cells), based on the uniformity, color, size and bi-concave nature of the cells. The results of this analysis show these samples to be exactly identical to the first HEPA filter analysis done in an earlier paper (HEPA BIOLOGICALS CONFIRMED). Two earlier airborne samples of fibrous samples also show the presence of similar biological components.

These results again demonstrate the urgent need for independent, professional and verifiable biological identification and medical analysis of the samples which are being disclosed. Considering these two samples of biologicals are identical, from locations 250 miles apart in the US, obviates the urgency for this sampling process to be extended across the entire nation.

Abstract Name: [QUESTIONS: 2001](#)

Date: March 20, 2001

Author: Carnicom

Abstract

An intriguing set of questions, from a poster to the Carnicom message board, related to aerosol programs as well as other health, weather and similar topics, is included in this paper.

Abstract Name: [CONTRAIL DISTANCE FORMATION MODEL](#)

Date: **March 22, 2001**

Author: **Carnicom**

Abstract

This paper outlines a model developed that estimates the distance behind the engines that a contrail (condensed trail of water vapor) is expected to form. The model results support exceptionally well a statement issued by the United States Air Force (USAF) that 'contrails become visible roughly about a wingspan distance behind the aircraft'. An abundance of photographic and video evidence shows the repeated formation of aerosol trails in much closer proximity to the engines than that established by the USAF. The evaluation presented in this work adds to the multitude of studies that conclusively demonstrate that the emissions from aerosol operations are not composed primarily of water vapor. A very detailed model calculation is presented supporting these claims.

Abstract Name: [MARCH 26 2001 HEPA: CELLS NOT FOUND](#)

Date: **March 26, 2001**

Author: **Carnicom**

Abstract

A third HEPA filter sample from Santa Fe, New Mexico was analyzed under a microscope with no red blood cells being found. This filter sample was collected 10 feet above ground for a duration of 10 days. These results are in stark contrast to the samples analyzed in February 25 and March 16, 2001. There remains abundant particulate and potential organic matter which requires further identification in all samples that have been acquired.

These results demonstrate the need for continuous monitoring of the atmosphere at the microscopic level to ascertain the presence (or lack thereof) of certain biological components. The need for professional and independent medical, biological and chemical analysis of any HEPA atmospheric filter samples remains constant.

Abstract Name: [VISIBILITY STANDARDS CHANGED](#)

Date: April 1, 2001

Author: Carnicom

Abstract

The United States National Climatic Data Center, National Oceanic and Atmospheric Administration, changed their visibility reporting methods, as well as data results, from a maximum 40 miles to a limit of 10 miles. It is of question why this change was made, and whether it is related to the increasing numbers of aerosol observations. Graphs are shown for the period January 1994 to March 2001 for Santa Fe, New Mexico, showing not only the changes to the reporting standards, but also if is seen that the number of days of visibility under 10 miles is substantially increased.

Abstract Name: [pH DATA CONFLICT](#)

Date: April 1, 2001

Author: Carnicom

Abstract

A report from the United States Geological Survey outlining the pH conditions across the US are in direct contrast to those readings that US citizens are reporting. Both sets of reports are included in this work showing the two different pH reading reports from both sources. If such a conflict does indeed exist, this will further intensify the need and demand for independent professional conduct and verification of pH rainfall test results across the entire US.

Abstract Name: [NIPR.MIL 10 ½ HOUR VISIT](#)

Date: April 1, 2001

Author: Carnicom

Abstract

The United States Department of Defense Network Operations was found to have visited the website www.carnicom.com for a duration of 10 ½ hours. This visit was uninterrupted, and involved an inspection or review of 53 web pages within the www.carnicom.com web site. A description of the NIPR is of its being a VERY secure, single point of contact for all DoD connections to the internet. A previous Carnicom paper discussed this organization in more detail (NIPR ACTIVITY INCREASES).

Abstract Name: [APRIL 7 2001: PARTICULATES REAFFIRMED](#)

Date: April 6, 2001

Author: Carnicom

Abstract

Video documentation reaffirms the presence of abundant particulate matter in the atmosphere in Santa Fe, New Mexico on January 4, 2001. Six separate sessions of video have been conducted for this purpose, and each shows abundant, and by all appearances ionized, particulate matter. The previous Carnicom paper 'PARTICULATE PHOTOGRAPHS – January 2001' is related to these same observations.

Abstract Name: [CAUTIONS AGAINST PREMATURE CONCLUSIONS](#)

Date: April 6, 2001

Author: Carnicom

Abstract

Carnicom outlines criteria and conditions to be satisfied in drawing conclusions about the specific purposes or agendas of aircraft aerosol operations currently in progress in the United States and globally, and cautions against drawing premature conclusions of such programs. A list of 19 items to be considered when drawing conclusions is presented in this paper.

Abstract Name: [BIOLOGICAL STAINS: READILY AVAILABLE](#)

Date: April 7, 2001

Author: Carnicom

Abstract

Investigation continues into the unexpected and repeated presence of biological components within numerous atmospheric samples recently collected through the use of HEPA filters and the process of electrostatic precipitation. The justification for using stains to detect biologicals in these samples is given, citing the Museum of Science' website that recommends using stains to detect biologicals, as some biologicals are transparent under a microscope.

Abstract Name: [BIOLOGICALS REAFFIRMED](#)

Date: April 8, 2001

Author: Carnicom

Abstract

A fifth HEPA filter atmospheric sample taken in Santa Fe, New Mexico on April 8, 2001 demonstrates again the abundant presence of biological components processed by electrostatic precipitation. The biological components appear to satisfy the visual properties of erythrocytes (red blood cells). The images of these biologicals are presented here.

A public appeal remains open for the professional independent evaluation of these materials being identified within atmospheric samples from different geographic regions. There exists an ethical and moral responsibility to the general public for positive identification and testing of the materials which are being found.

Abstract Name: [CONTRAIL FORMATION MODEL](#)

Date: April 12, 2001

Author: Carnicom

Abstract

A preliminary model is presented here to be used to predict whether contrails will form or not under reported meteorological conditions at flight altitude. Contrail prediction models are difficult to attain, so this model is presented for investigative purposes only. This model can and will be evaluated with actual observations in an effort to test it for reliability.

Abstract Name: [SEARAD-MODTRAN-ABLEX](#)

Date: April 20, 2001

Author: Carnicom

Abstract

An anonymous researcher wrote to Carnicom and recommended that he visit and read papers on the International Society for Optical Engineering website www.spie.com. The anonymous research stated

“Please take time to look into SEARAD, MODTRAN, and ABLEX. I believe if you research these, you will find compelling info for chemtrails...Much mention of clouds in coordination with their new Air Borne Laser System...That’s all I can say as I am sure I too am watched for my activity in trying to get to the truth”.

Initial research within this site demonstrates significant resources and efforts devoted toward aerosol modeling techniques, including detection of particulates and biological components.

Abstract Name: [EUKARYOTE PRESENCE?](#)

Date: May 2, 2001

Author: Carnicom

Abstract

Electrostatic air samples analyzed on May 1, 2001 and on numerous previous occasions are revealing the repeated presence of what appears to be a eukaryotic, or nucleated cell type. Initial analysis using an oil immersion objective indicates the presence of a nucleus and an internal granulated structure.

Professional assistance with identification of the materials being shown is openly and fully requested. Further assistance is required to resolve the questions that are being raised from this finding.

Abstract Name: [THE AEROSOL REPORTS: UNITED STATES](#)

Date: May 2, 2001

Author: Carnicom

Abstract

Carnicom establishes a model that attempts to model the atmospheric conditions that are favorable or unfavorable for aerosol operations. This model and research is preliminary, and though there are no guarantees of reliability, the data available at the time suggests 100% favorable conditions in the US for aerosol operations.

Abstract Name: [ERYTHROCYTES: POSITIVE VISUAL IDENTIFICATION](#)

Date: **May 3, 2001**

Author: **Carnicom**

Abstract

Further testing of air samples from Santa Fe, New Mexico provides positive visual identification of the presence of erythrocytes (red blood cells). The magnification in this analysis (approximately 5000x) makes the case that biological components are now a regular feature of the atmosphere that we all breathe. These red blood cells, along with the particulate matter in the air, make the case for realizing these aerosol programs are crimes of the highest order being perpetrated on innocent citizens.

Abstract Name: [THE AEROSOL REPORT](#)

Date: **May 4, 2001**

Author: **Carnicom**

Abstract

This Aerosol Report is a continuation of the modeling discussed in the previous Carnicom paper 'AEROSOL REPORT – US' on May 2, 2001. This model was developed to determine whether atmospheric conditions in the United States are favorable or unfavorable to aerosol operations. Using this predictive model and data collected in Santa Fe, New Mexico in 2001, the probability that conditions in the southwestern United States are favorable to aerosol operations is estimated to be 29%.

Abstract Name: [THE RH DECEPTION](#)

Date: **May 21, 2001**

Author: Carnicom

Abstract

Claims by sources that include the EPA, NOAA, FAA and NASA that contrails, or water vapor trails, may persist for extended periods under conditions of higher relative humidity are taken to task in this Carnicom work. Working from a foundation Carnicom calls the "Relative Humidity Thought Experiment", Carnicom develops the reality that the rate of evaporation of the contrails is inversely proportional to the humidity in the atmosphere. Carnicom develops a mathematical model to test this idea, and shows that even at high levels of relative humidity, the effect on the evaporation times is generally insignificant and minor. The truth now includes overwhelming evidence that the populace has been systematically subjected to a covert, extensive and sustained project of aircraft aerosol dissemination without their consent.

Abstract Name: [ERYTHROCYTES: MAY 22](#)

Date: May 22, 2001

Author: Carnicom

Abstract

Employing the method of electrostatic precipitation, a 7th out of 8 atmospheric samples collected in Santa Fe, New Mexico on May 22, 2001, positively identifies erythrocytes (red blood cells) being in the sample. Images of these cells are included in this work, magnified approximately 5000x.

Abstract Name: [THE BARIUM DEDUCTION](#)

Date: May 30, 2001

Author: Carnicom

Abstract

Barium and barium compounds are the only elements that satisfy a list of conditions, observations, and analyses that are included in this paper in the investigation of the aerosol operations. Barium Titanate is under review due to the following property:

“...crystals of barium titanate, a material that can capture the pulses of certain electromagnetic frequencies in the way that a radio can pick up certain radio frequencies. When the crystal pulses, or resonates, it produces electric power.”

Source – A New Physics for a New Energy Source by Jeanne Manning

Abstract Name: [CRYSTALS UNDER EXAMINATION](#)

Date: **May 30, 2001**

Author: **Carnicom**

Abstract

A crystalline form has been recently identified within atmospheric samples collected in Santa Fe, New Mexico by use of the electrostatic precipitation method. Both sonic and vapor fields are introduced into the collection container as an alteration to the precipitation method for improvement in aggregation by the use of these methods. Photos of these crystalline forms are presented, showing geometric patterns about 30-70 microns.

Abstract Name: [PARTICULATE CRIMES](#)

Date: **June 6, 2001**

Author: **Carnicom**

Abstract

Photographs presented here showing the saturation levels of particulate matter now in our atmosphere, demonstrate that the atmosphere of the earth has been tragically altered as a result of the aerosol operations. These picture stills are from a video taken on the night of July 5, 2001 in Santa Fe, New Mexico. Using a flashlight, the particulates floating around in the air are abundantly and easily seen while using a video camera to record the particulates against the light of the flashlight.

Abstract Name: [ATMOSPHERIC MAGNESIUM DISCLOSED](#)

Date: **June 10, 2001**

Author: Carnicom

Abstract

Evidence continues to accumulate that certain metals (i.e. magnesium and barium), as well as certain biological and fibrous components, are established as the core elements of the aerosol operations in progress. This paper describes testing of rainwater samples from Santa Fe, New Mexico that shows substantial amounts of elemental magnesium within the atmosphere.

There is now a need for the extensive collection of rainfall samples by citizens to validate or refute these results outlined above.

Abstract Name: [AIR FORCE INCREASES RANK OF LIE](#)

Date: June 22, 2001

Author: Carnicom

Abstract

Another letter from the government denies the existence of aerosol operations. This letter was received from Senator Diane Feinstein, who passed along the response from the United States Air Force, explaining that the spray trails being seen and analyzed are simply contrails. Of particular note is the US Air Force letter stating that the Air Force does not have cloud seeding capabilities, even though it is known that cloud seeding as a weapon was used (and admitted to) in the Viet Nam war against the North Vietnamese by the US Air Force.

Abstract Name: [REAL MEDIA REPORTS](#)

Date: July 1, 2001

Author: Carnicom

Abstract

Audio recordings and videos are presented on this page. The videos show the abundance of particulates videotaped in the atmosphere of Santa Fe, New Mexico.

Abstract Name: [EPA REFUSES TO IDENTIFY, RETURNS SAMPLE 18 MONTH DELAY](#)

Date: July 5, 2001

Author: Carnicom

Abstract

This page contains the letter from the Environmental Protection Agency stating that it is not the business of the EPA to test the sample that had been sent to them 18 months prior, asking that an analysis be performed on fibrous material that had been collected after aerosol operations.

Abstract Name: [ATMOSPHERIC CONDUCTIVITY](#)

Date: July 9, 2001

Author: Carnicom

Abstract

Research is indicating that the conductivity of the atmosphere has been increased in conjunction with the extensive aerosol operations that have been documented. This paper details using a Van de Graaf generator to create a spark in the open atmosphere to determine the dielectric strength (or conductivity) of the atmosphere. The conclusion after testing was performed is that the atmosphere is not acting as efficiently as an insulator, or conversely, the atmosphere is more electrically conductive than is expected, indicating that conductivity characteristics of the atmosphere have been altered.

Abstract Name: [CRYSTAL CHEMISTRY](#)

Date: July 18, 2001

Author: Carnicom

Abstract

Recent results from examining rainfall samples using methods of crystal chemistry are indicating substantial levels of metallic particulates within these rainwater samples. The analysis of the aerosol operations by a combination of methods repeatedly results in considerable attention being given to the elements of Group II of the periodic table (e.g. – magnesium, calcium, barium). The crystalline forms

primarily found in these rainwater samples and documented with microscopic pictures is that believed to be magnesium chloride. This gives an indication of the existence of ionic magnesium within the rainfall sample. A description of the method used to create the crystalline forms shown in the attached pictures is provided here, with discussion of the polarizability and deliquescence attributes of these samples.

Abstract Name: [TWO SUBMITTALS: MEGASPRAYER – SATELLITE PHOTO](#)

Date: July 24, 2001

Author: Carnicom

Abstract

Two more photos were submitted to Carnicom.com by a concerned citizen. The first shows a Megasprayer spraying aerosols taken on July 5 2001 at 9AM in Diamond Springs, CA. The second photograph is a satellite image showing very clear, obvious and heavy aerosol lines off the coast of California on July 24, 2001.

Abstract Name: [RAINWATER METALS](#)

Date: July 27, 2001

Author: Carnicom

Abstract

Rainwater sample analysis is showing extraordinary levels of metallic particulates in these samples. A sample is presented here from rainwater collected on July 26, 2001 in Santa Fe, New Mexico. Distillation of the rainwater sample has been used so as to make the metallic particulates visible to the naked eye in test tubes. The pH of these rainwater samples has recently been measured at 7.6 or higher, demonstrating a level of alkalinity much higher than that expected in rainwater.

Abstract Name: [RAINWATER METALS: MICROSCOPE VIEWS](#)

Date: July 30, 2001

Author: Carnicom

Abstract

Photographs of rainwater concentrate as viewed under a microscope are presented here as a complement to investigations recently presented on the Carnicom.com website. These photographs depict as evaporated crystalline form as well as a wet slide mount of the samples. The materials in these samples under microscope appear to be composed of several distinctive and complex forms, with the dominant material being a metal oxide. The presence of fibrous materials, measuring approximately 1-2 microns diameter, occurs frequently and is easily visible within the wet slide mount pictures.

Abstract Name: [RAINWATER SAMPLES: MICROSCOPE VIEWS \(II\)](#)

Date: August 16, 2001

Author: Carnicom

Abstract

More photographs of rainwater concentrate as viewed under a microscope are presented here as a complement to investigations recently presented on the Carnicom.com website (see previous [RAINWATER METALS, CRYSTAL CHEMISTRY](#), and [RAINWATER SAMPLES: MICROSCOPE VIEWS](#) papers). These photographs depict primarily a log of recurring structures which are found under various conditions, rather than an analysis of such structures. These structures in these microscope pictures appear to be fibers, metal oxides, and other unidentified materials.

All citizens are urged to participate in the process of further collection of rainfall samples, subsequent distillation or concentration and the identification of material substances within. Any assistance provided by other researchers or sources is welcome.

Abstract Name: [INITIAL IONOSPHERIC CONSIDERATIONS](#)

Date: August 20, 2001

Author: Carnicom

Abstract

This work presents a forward looking statement about the ionosphere, provided through the Lancaster Department of Communications systems:

"...Although less than 1% of the upper atmosphere becomes ionized the charged particles make the gas electrically conducting, which completely changes its characteristics. The ionosphere can carry electrical currents as well as reflect, deflect and scatter radio waves..."

Abstract Name: [AIR QUALITY DATA REQUIRES PUBLIC SCRUTINY](#)

Date: August 27, 2001

Author: Carnicom

Abstract

A case is made here for the need to have independent testing and verification performed of current atmospheric particulate counts in the United States. The basis for such a need includes; the repeated observations of the decline in visibility in the US (which is directly related to particulate concentrations), the unwillingness of the US Environmental Protection Agency (EPA) to adequately address concerns of countless citizens regarding atmospheric degradation by aircraft aerosol operations; the US National Weather Service's reduction of visibility reporting standards from a maximum of 40 miles to a maximum of 10 miles; the apparent limitations of access to post-1998 public data base files that involves direct atmospheric monitoring by government bodies such as NOAA's Climate Monitoring and Diagnostics Laboratory; and the newly released 1999 US mortality statistics showing an increase in chronic lower respiratory deaths.

A theory of light scattering is discussed to be used as an initial estimator of atmospheric concentrations of particulate data, with example cases used to illustrate how such models can be used to estimate these concentrations.

Abstract Name: [NATIONAL & GLOBAL NOTICE GIVEN](#)

Date: September 4, 2001

Author: Carnicom

Abstract

Informational packets containing research data by Clifford Carnicom have been put together and mailed to a long list of recipients, including politicians, biologists, university heads, the US Surgeon General, and other federal law enforcement officers. The contents of the information packets and the list of those they have been sent to are listed here.

Abstract Name: [AEROSOL TRACKING RADAR RESEARCH](#)

Date: **September 4, 2001**

Author: **Carnicom**

Abstract

This page shows a radar image from August 30, 2001 of an area of the southwest US, with an anomalous extensive circular and stationary return just southeast of Las Vegas, Nevada. Citizens are urged to devote increased attention to such images that have been monitored and reported in conjunction with aerosol operations that are in progress all over the globe.

Abstract Name: [SPACE PRESERVATION ACT OF 2001](#)

Date: **October 2, 2001**

Author: **Carnicom**

Abstract

The Space Preservation Act of 2001 was first introduced to Congress in 2001 by US Representative Dennis Kucinich, and was named HR 2977. This bill is listed in its entirety on this page. The bill's directive was:

"To preserve the cooperative, peaceful uses of space for the benefit of all humankind by permanently prohibiting the basing of weapons in space by the United States, and to require the President to take action to adopt and implement a world treaty banning space-based weapons."

Wording straight from the bill includes prohibiting the following:

"(III) directing a source of energy (including molecular or atomic energy, subatomic particle beams, electromagnetic radiation, plasma, or extremely low frequency (ELF) or ultra low frequency (ULF) energy radiation)..."

"(ii) Inflicting death or injury on, or damaging or destroying, a person (or the biological life, bodily health, mental health, or physical and economic well-being of a person)"

"(II) through the use of land-based, sea-based, or space-based systems using radiation, electromagnetic, psychotronic, sonic, laser, or other energies directed at individual persons or targeted populations for the purpose of information war, mood management, or mind control of such persons or populations)"

(III) by expelling chemical or biological agents in the vicinity of a person"

Weapons considered covered by this bill include:

"(ii) chemtrails"

"(vii)chemical, biological, environmental, climate or tectonic"

Abstract Name: [A LEADING CAUSE OF DEATH](#)

Date: **November 3, 2001**

Author: **Carnicom**

Abstract

The mortality statistics in the US for 1999 have been released by the Centers for Disease Control (CDC) on June 26, 2001. The results of this report beg these questions (and others):

- 1) Why is one of the 5 leading causes of death no "Chronic lower respiratory disease"?
- 2) Why was the former leading death category "Chronic obstructive pulmonary diseases and allied conditions" changed for the 1999 data to now read "Chronic lower respiratory disease"?

Included here are pictures of HEPA filters from a house air filter showing particulates and matter on the filters.

Abstract Name: [THE PLASMA FREQUENCY: RADAR APPLICATIONS](#)

Date: **November 5, 2001**

Author: **Carnicom**

Abstract

This work details an analysis made that indicates that one of the primary applications of the aerosol operations is likely to involve the advanced use of radar technology for military purposes. Discussion ensues of the definition of plasma, with plasma being an ionized gas consisting of ions and free electrons distributed over a region in space. The effect of aerosol operations can lead to no other logical conclusion except that the lower atmosphere itself has been altered to a plasma state. The importance of the concept of 'plasma frequency' is outlined in a quote from Richard Feynman:

“This natural resonance of a plasma has come interesting effects. For example, if one tries to propagate a radio wave through the ionosphere, one finds that it can penetrate only if its frequency is higher than the plasma frequency. Otherwise the signal is reflected back. We must use high frequencies if we wish to communicate with a satellite in space. On the other hand, if we wish to communicate with a radio station beyond the horizon, we must use frequencies lower than the plasma frequency, so that the signal will be reflected back to earth.”

A detailed discussion of the calculations of the plasma frequency for the ionosphere ensues in this work that supports the notion that a significant application of the aerosol operations may well involve the propagation of radio waves over extended distances. There are numerous military and electromagnetic propagation applications that become evident from this finding.

Abstract Name: [JEFF RENSE INTERVIEW with CLIFFORD CARNICOM – CHEMTRAILS and ELECTROMAGNETISM](#)

Date: November 27, 2001

Author: Carnicom

Abstract

Included here is the entire interview between Jeff Rense and Clifford Carnicom from November 2001. This interview covers what is known regarding aerosol operations, as well as discussion of many of Carnicom’s research papers and their meaning for humanity. Topics covered include how the skies were empty of any spraying activity in the weeks after the World Trade Tower attacks on September 11, 2001, the EPA’s refusal to analyze fiber samples sent to them by Carnicom, results of water sample testing and much more.

Abstract Name: [FBI Flyer Names Constitution Defenders As Terror Suspects](#)

Date: November 19, 2001

Author: Carnicom

Abstract

Contained on this page is an actual and genuine Phoenix AZ FBI flyer that was generated after the Oklahoma City Murrah Building bombing, and was publicized at the consternation of the FBI. Just some of those listed as potential domestic terrorists on the flyer could be those with a Christian identity, are white nationalists, might be those without drivers’ licenses, and those who are defenders of the US Constitution.

Abstract Name: [Space Preservation Act of 2002](#)

Date: January 23, 2002

Author: Carnicom

Abstract

The Space Preservation Act of 2001 (HR 2977) was changed to the Space Preservation Act of 2002 HR 3616, and was ratified by Congress. Unfortunately, most of the critical wording that was in HR 2977 (presented in the previous Carnicom work titled **SPACE PRESERVATION ACT OF 2001** from **October 2, 2001**) that showed promise in protecting citizens of the world was removed. There is no mention of the need to restrict the use of chemicals or biologicals against human populations. The full text of this Act is presented here for comparison to the Act of 2001.

Abstract Name: [RAINWATER SUBMITTAL](#)

Date: February 18, 2002

Author: Carnicom

Abstract

This work shows a visual/pictorial comparison of four different water solutions that a citizen sent in to the Carnicom Institute. The four solutions are 1) colloidal silver in water, 2) rainwater from Diamond Springs, CA from 1-27-2002, 3) tap water, and 4) distilled water. This person used a laser beam to illuminate the particles of metal in the solution, with the tap water and distilled water used for comparison purposes. The colloidal silver and the rainwater shine much brighter than the tap and distilled water, with brightness associated with the amount of metals in the water solutions.

Abstract Name: [INSURANCE EXCLUSIONS](#)

Date: March 10, 2002

Author: Carnicom

Abstract

This page contains a letter sent to the Carnicom Institute by a citizen in Indianapolis, IN, stating that he had discovered new insurance exclusions to his homeowner policy. The first one is a 'Pollution Exclusion' that waives coverage for pollution and its effects. The actual exclusions are included on this page.

From the Pollution Exclusion:

"Pollution, in all its various forms, has become a major problem in this country. However, we don't yet know the full extent of the problem, or the losses and damage that may result from this hazard."

The second exclusion is the 'Communicable Disease Exclusion'. From this exclusion:

"This endorsement states no coverage is provided under the liability coverage section of the Homeowners policy for injury arising out of the transmission of a communicable disease by an insured."

Abstract Name: [DROUGHT MONITOR](#)

Date: April 1, 2002

Author: Carnicom

Abstract

This page is redirected to the Drought Monitor website (<http://droughtmonitor.unl.edu/>) and shows near real time drought conditions in the United States.

Abstract Name: [DROUGHT INDUCEMENT](#)

Date: April 2, 2002

Author: Carnicom

Abstract

Recent analysis leads to the conclusion that the extensive and systematic aerosol operations being conducted across the planet are aggravating the elevated drought conditions now being observed. This two part discussion centers upon heat aspects of the atmosphere. This first section introduces the concept of 'specific heat' of a substance (the amount of heat required to flow into a substance to produce a one degree rise in temperature), and how that helps address the specific question: Given that the air of the earth has a specific heat value, what would be the projected heat effect of introducing

metallic particulate aerosols (namely aluminum, barium, magnesium, titanium and calcium) into the atmosphere?’

The second part of this discussion expands the above dialogue to show, in mathematical form, that with the exception of magnesium, each of the elements listed above has a specific heat less than that of air. This allows us to conclude that the introduction of each of these elements with a specific heat less than that of air would have the effect of increasing the temperature of the modified air for a given amount of heat. These results convey significant consequences on the health of the planet and the atmosphere.

It is reiterated that the citizens of this nation and earth have the duty to force full accountability, disclosure and cessation of the aircraft aerosol operations which remain in progress.

Abstract Name: [INEXPENSIVE FILTRATION](#)

Date: April 12, 2002

Author: Carnicom

Abstract

Included here is a homemade filtration device (a box fan with a furnace filter attached) that is effective in filtering particulates down to 5-1- microns in size. Though not intended to be a substitute for a HEPA filter (filtration down to .3 microns), this construct is a simple and inexpensive means to improve air quality in a room or other controlled environment. Pictures of the filter after being use for up to 6 weeks are included.

Abstract Name: [A DEFICIENCY FROM COAST TO COAST](#)

Date: April 20, 2002

Author: Carnicom

Abstract

This work is a collection of reflections by Clifford Carnicom presented to the reader as an editorial comment, with the underlying motive to express concern and alarm at the failure of the last bastions of the free press and media to serve the public interest. The impetus for this work was the characterization of recent aerosol operations on his Coast to Coast radio show as being a “belief” by “thousands” of individuals across the country. In the face of such ignorance, there remains a deficiency in the media that requires confrontation, exposure and accountability to serve the larger and more important goals of public awareness, knowledge and activism.

Abstract Name: [ELECTROLYSIS & BARIUM](#)

Date: May 27, 2002

Author: Carnicom

Abstract

The presence of barium as well as other metallic particulates in our atmosphere has now been demonstrated through a variety of testing methods in direct association with aircraft aerosol operations. The method presented here has the potential of providing a simple and verifiable method to provide further evidence of criminal operations that continue to be conducted. Using the box fan filter described in the previous Carnicom paper titled "INEXPENSIVE FILTRATION", pieces of the filter materials from both indoor and outdoor samples are cut into small pieces and soaked in distilled water and rung out into glass dishes. These solutions are then subjected to electrolysis, using a six-volt lantern battery with copper electrodes. After approximately 24-48 hours, a precipitate forms in the dishes that is further subjected to examination. At this point, a series of observations and tests are performed that show the precipitate to be barium sulphate...which is a grave concern to all citizens around the globe.

The participation of independent professionals and researchers is again called for to substantiate or refute the current endeavors, as the consequences of these findings, if confirmed, pose significant health risks to the public at large.

Abstract Name: [CELESTIAL CONSIDERATIONS](#)

Date: June 1, 2002

Author: Carnicom

Abstract

This page exists to assemble information related to planetary and celestial considerations that demonstrate the potential for linkage to aerosol operations, and is somewhat a segregation from the website in its content. This page offers investigative topics, such as what the magnetosphere is, earthquake findings, plasma frequency, change in the earth's magnetic field, the location of planet X, and interviews.

Abstract Name: [ORBITAL CONDITIONS AND ORBITAL ELEMENTS: A PROPOSED ORBIT AND SEARCH LOCATION](#)

Date: August 19, 2002

Author: Carnicom

Abstract

Provided here is a discussion as to the location of a tenth planet in our solar system, that of Planet X. Included here are conditions to be imposed upon a developed orbital model originating from the synthesis of several sources, including technical papers from the United States Naval Observatory and historic Babylonian observations.

Abstract Name: [RICK MOORS EXHUMES AGAIN](#)

Date: August 25, 2002

Author: Carnicom

Abstract

Presented here is another reply letter from US Senator Dianne Feinstein sent to Rick Moors, who had written a previous letter concerning the proof of and concern about aerosol operations in the United States. Senator Feinstein's reply letter again belittles and actually ignores the reality of the research done that proves aerosol operations and the concerning fallout. Included is the response that Rick Moors wrote back to Senator Feinstein's letter where he clarifies yet again that he is asking for the government to perform tests that would show the proof of aerosol operations and the effects on humans and the environment.

*The previous correspondence BETWEEN Rick Moors and Senator Feinstein can be found in the April 2001 page titled **A CITIZEN'S CHRONICLE OF INQUIRIES.***

Abstract Name: [HOTCHKISS LECTURE](#)

Date: September 1, 2002

Author: Carnicom

Abstract

This page is an article written by Davina Ryazka about a lecture Clifford Carnicom gave to Hotchkiss Memorial Hall in Delta Colorado on August 17, 2002. Clifford spoke about the differences between contrails and aerosol operations, nations being sprayed, and much of his research in the discovery and analysis of the chemicals and biologicals being found in the aerosols.

Abstract Name: [PREDICTING THE OPERATIONS: SUNSPOTS AND HUMIDITY](#)

Date: September 3, 2002

Author: Carnicom

Abstract

Research over an extended period of time indicates that there is likely a strong relationship between the appearance of the aerosol operations in a given locale and time and the interaction of the following primary variables: sunspot activity, relative humidity, change in relative humidity and the relative cloud cover. The inclusion of the solar activity within this current examination may be a significant avenue of research that establishes a series of ties with earlier discussions related to ionospheric, electromagnetic and defense projects, applications of HAARP (High Frequency Active Auroral Research Program) and plasma physics that also appear on this site. Current studies on planetary physics and celestial considerations may demonstrate further relationships to the aerosol operations in the future. This current work expands upon earlier presentations that have been made in the spring of 2001 related primarily to the relative humidity issue. These papers are available at **THE AEROSOL REPORTS: UNITED STATES; A MODEL UNDER DEVELOPMENT** (May 2, 2001), and **SF AEROSOL REPORT** (May 4, 2001). This earlier work focused upon the consideration of relative humidity values across the nation in conjunction with observed aerosol operations. The result of that earlier work indicated a close link between increased relative humidity levels that were scaled according to local conditions and the likelihood of concurrent aerosol operations. Other researchers and considerable anecdotal information have also added to that body of correlations that now exist.

An empirical model is developed here, and is illustrated using a table of data presented for the Santa Fe area, along with the results of the model as compared to observation reports for the same time period. Readers may see that the model over the interval considered is showing a fairly high level of accuracy in predicting when conditions for aerosol operations are more favorable for this region. It is to be understood that the model is NOT expected to predict the actual occurrence of operations; only the existence of favorable conditions for the operations.

Abstract Name: [NEWS FROM THE FRONTLINE](#)

Date: September 17, 2002

Author: Carnicom

Abstract

A letter to Clifford Carnicom from a concerned citizen who works in a hospital emergency department reveals the reality of the correlation between aerosol days and the increase in people visiting the hospital with upper respiratory problems and elderly who have health problems, such as immunosuppression and pulmonary patients.

Abstract Name: [Holes in the Ozone, or Holes in the Soul?](#)

Date: September 26, 2002

Author: Lori Kramer

Abstract

Lori's Kramer's letter is copied in this work, and makes the case as to how serious the aerosol programs are, how we need to question our docility in allowing this to happen, and questions what the near to long term effects will be if these programs don't stop.

Abstract Name: [THE POP CULTURE PILL](#)

Date: October 4, 2002

Author: Unknown Artist

Abstract

This page is an artist's depiction of the 'easy to swallow' Pop Culture Pill that makes for 'Extra Strength Patriotism.

Abstract Name: [THE RUSSIANS SPEAK](#)

Date: October 8, 2002

Author: **Jeff Rense (rense.com)**

Abstract

This page is an article from the Interfax News Agency describing the Russian Duma's reaction to the United States' new HAARP (High Frequency Active Auroral Research Program) weapons program. Quotes from this article:

"...the USA is creating new integral geophysical weapons that may influence the near-Earth medium with high-frequency waves..."

"...the significance of this qualitative leap could be compared to the transition from cold steel to firearms, or from conventional weapons to nuclear weapons..."

According to the Russians, the USA plans to carry out large scale scientific experiments under the HAARP program, and not controlled by the global community, will create weapons capable of breaking communication lines, provoke serious accidents in electricity networks and in oil pipelines, **and have a negative impact on the mental health of people populating entire regions.**

Abstract Name: [**MEASURING ATMOSPHERIC ELECTRICITY**](#)

Date: **October 21, 2002**

Author: **Carnicom**

Abstract

Considered here is a way to measure the electricity in the atmosphere (atmospheric current) and be able to correlate measured values to the prevalence of aerosol operations. A preliminary diagram of an electrical circuit to do such measuring is presented, as is a complex mathematical analysis providing guidance for further research into this topic. Data that has been collected for this topic is available in an earlier Carnicom paper titled **PREDICTING THE OPERATIONS: SUNSPOTS AND HUMIDITY** from September 3, 2002.

Abstract Name: [**INTRODUCING A MAGNETOMETER**](#)

Date: **October 31, 2002**

Author: **Carnicom**

Abstract

This page describes the construction of a relatively simple magnetometer which is useful in detecting local variations in the earth's magnetic field. Images are included showing the construction of an actual working unit, and an initial measurement using this magnetometer represent significant and detectable variability in the earth's local magnetic field. Analysis of data under collection will be presented in a separate section. Data that has been collected for this topic is available in an earlier Carnicom paper titled [PREDICTING THE OPERATIONS: SUNSPOTS AND HUMIDITY](#) from September 3, 2002.

Readers are encouraged to construct a similar or improved magnetometer and begin collecting data that can be used to correlate any variations in magnetic field activity with the onset of aerosol operations.

Abstract Name: [ELECTROMAGNETIC SIGNATURE OF THE AEROSOL OPERATIONS](#)

Date: **October 31, 2002**

Author: **Carnicom**

Abstract

Images of measurements of electromagnetic changes in the atmosphere made by Carnicom are presented here. There are indications in these images of increasing frequencies measured that correlate to the onset of aerosol operations. The images of the electromagnetic measurements include those made before, during, and after aerosol operations.

Abstract Name: [BARIUM BLUES WEBSITE](#)

Date: **November 1, 2002**

Author: **Carnicom**

Abstract

A link to the website bariumblues.com is included here. This website contains images of aerosol operations, discusses HAARP (High Frequency Active Auroral Research Project), weather modification, chemicals found in these operations, symptoms of ingesting barium, and much more.

Abstract Name: [LF FREQUENCY MONITORING BEGINS](#)

Date: November 5, 2002

Author: Carnicom

Abstract

This paper discusses a method to continuously monitor and analyze variations in the local electromagnetic field with a circuit that was originally developed for the detection of ELF (Extremely Low Frequency) radiation. These variations are an expression of the fluctuations in the magnetic field of the earth and the ionization characteristics of the atmosphere. A diagram of the circuit used for these measurements is included on this page, as is a discussion of how to interpret measurements made while using this device. The results of any data analysis will be discussed further at a later time.

There remains a continuous call for conscientious professionals across most scientific, legal and medical disciplines to openly and publicly participate in disclosing the consequences of the aerosol operations to the people of this nation and the world.

Abstract Name: [A QUESTION OF ALFVEN?](#)

Date: November 6, 2002

Author: Carnicom

Abstract

A signal in the range of roughly 75-100KHz has been shown to be continuously present as measured by the ELF-LF (Extremely Low Frequency-Low Frequency) detection circuit, discussed in the previous Carnicom paper titled **LF FREQUENCY MONITORING BEGINS** (from November 5, 2002). This paper presents two theories as to the reason for this signal being ever present in the circuit. The first is the possibility of their being a resonant frequency being introduced into the circuit as a result of the op amp being used. The circuit itself is generating the reference signal, which can then be evaluated with respect to variations in frequency caused by external electromagnetic influences. Though this seems like a plausible explanation, Carnicom makes note of the fact that this 'reference' frequency varies over time, which raises further questions.

The second explanation for the 'reference' frequency being seen in this circuit has to do with the existence of Alfvén waves, and their relation to earlier historical discovery of the propagation of what are called Whistler waves. The presence of ELF waves in conjunction with the aerosol operations as a topic of research is discussed, as there are serious implications with respect to human health and mental functioning if such a propagation is ever verified.

Abstract Name: [ELF EVIDENCE SURFACES](#)

Date: **November 9, 2002**

Author: **Carnicom**

Abstract

Carnicom research up to this time indicates the apparent or possible presence of ambient ELF (Extremely Low Frequency) signals in the ambient atmosphere. Of concern here are serious implications of these ELF frequencies on human mental health. This paper describes how, through devising an ELF-LF circuit tester to explore the nature of resonant circuits and their behavior, the presence of ELF frequencies was detected with no apparent logical cause for these signals. Speculative discussion has emerged over the years between the potential linkage of the aerosol operations and the HAARP project and relevant technologies, making a strong case for expanded research on this subject.

Abstract Name: [ELF FREQUENCY IDENTIFICATION](#)

Date: **November 10, 2002**

Author: **Carnicom**

Abstract

Graphs are presented on this page showing the detected ELF (Extremely Low Frequencies) frequencies using the ELF-LF circuit tester devised in the previous Carnicom paper **ELF EVIDENCE SURFACES** (November 9, 2002). The graphing of these ELF signals in the ambient atmosphere under test include a plot of the frequencies, a data point view of these detected frequencies, and a trend analysis using a low frequency filter against the frequency plot.

Abstract Name: [ELF RADIATION IS CONFIRMED](#)

Date: **November 12, 2002**

Author: **Carnicom**

Abstract

As an extension of the previous Carnicom paper titled [ELF FREQUENCY IDENTIFICATION](#) (November 10, 2002), the presence of frequent or continuous ELF (Extremely Low Frequency) radiation at discrete frequencies that are multiples of 4Hz has been confirmed by two different methods. The first involves the use of an electronic ELF amplifier circuit that incorporates data logging, and the second involves the combination of an inductive-capacitive resonant circuit in conjunction with a gaussmeter and a signal generator. This information is provided due to the significant implications of this radiation on the biological and mental well-being of the populace.

Abstract Name: [A FIRST RESPONSE TO THE DURANGO HERALD](#)

Date: **November 19, 2002**

Author: **A concerned citizen**

Abstract

This page is a copy of a letter sent to the Durango Herald in Santa Fe, New Mexico, by a concerned citizen. This person discusses the debate about aerosol operations and many related items that include: conditions needed for contrail formation versus conditions that existed that were not favorable for contrail formation when contrails were witnessed; the obscuring of distant landmarks from aerosol operations; China being the world's producer of barium; lengthening allergy seasons, and more.

Abstract Name: [ELF DISRUPTION & COUNTERMEASURES](#)

Date: **November 26, 2002**

Author: **Carnicom**

Abstract

The presence of geometric patterns of ELF (Extremely Low Frequency) radiation continues to be detected by using different methods discussed in previous Carnicom papers. The ELF circuit described in the previous paper titled [LF FREQUENCY MONITORING BEGINS](#) (November 5, 2002) now behaves in a predictable and steady fashion. Negative effects of ELF radiation are covered, including: the effect of ELF on mental functioning; the suppression of the immune system; the effect upon free radical reactions; DNA and genetic influences; and the role of cyclotron resonance in ELF-biological interactions. Also discussed are the promising results of electromedicine in alleviating the effects of ELF radiation on the human body.

Abstract Name: [THE DURANGO HERALD II](#)

Date: December 7, 2002

Author: Carnicom

Abstract

Comments from Judith Reynolds from the Durango Herald in Santa Fe, New Mexico are challenged after Clifford Carnicom gave a presentation with extensive evidence of aerosol operations. Ms. Reynolds was not in attendance at this presentation, yet wrote a piece in the Herald chastising Clifford Carnicom's facts in his presentation.

Abstract Name: [THE DURANGO HERALD III](#)

Date: December 9, 2002

Author: Stephan Leiper

Abstract

Copied here is a letter from a California citizen written to the Durango Herald concerning Clifford Carnicom's presentation. This citizen sums up the ignorance that the Herald displayed in their coverage of Carnicom's presentation.
