

FIGHTING CHANCE

John 8: 31-32

Proverbs 22: 3

Newsletter Vol. III, No.9

September 1992

*If ye continue in my word, then are ye my disciples indeed;
And ye shall know the truth, and the truth shall make you
free.*

John 8: 31-32

GLOBAL LIES

- a) $2 + 2 = 5$
- b) Pigs have wings
- c) Human carbon dioxide and CFC emissions can cause environmental devastation
- ✓d) All of the above

History records the efforts of many people who have sought world power - usually through military conquest. Some of these efforts succeeded for a while, but all ultimately failed. Moreover, large numbers of innocent people have endured great suffering as a result of the chaos that has accompanied those efforts and their failures.

Great regional power and substantial world influence have been acquired for significant periods of time by some countries, such as Rome, Byzantium, Britain, and the United States. This power was based primarily upon superior economic and social systems which led to world influence and the resources for military strength.

In these cases, including the current decline of the United States, power was lost as the internal economic and social fabric of the dominant country deteriorated due to socialistic,

fascistic, and bureaucratic influences. These influences weakened the fundamental base from which the society derived its vitality and influence.

History has shown that raw force and oppression are poor methods by which to achieve and hold power. The greatest and most enduring power derives from the higher purposes of Biblical principles, republican government, and human liberty and justice.

Unfortunately, within the human population there is always a small segment that seeks power for its own sake. Perhaps within each human there is this weakness - a sort of genetic flaw with incomplete penetrance. Some people love raw power - a love that is not consistent with its achievement by benevolent means. Mao said that all political power grows from the barrel of a gun. This is not true. However, many ruthless power seekers prefer oppressive means, because these means provide the thrills that cause them to seek power in the first place.

A disappointment for such people has been the fact that no effort to control the entire world has ever succeeded. When one controls only part of the world, then opposition can arise within the other part. Their dream is to control the whole thing and then to rule absolutely and in perpetuity.

In modern times, the great increases in military capabilities created by modern nuclear and biological weapons appeared to provide a route to absolute world power. For several decades now, the power seekers have maneuvered to gain monopolistic control over these weapons and to prevent the installation of truly effective strategic and civil defense systems for the people whom they wish to manipulate by intimidation and fear.

Advances in science and engineering, however, have made these weapons easier to acquire. For this and other reasons, these geopolitical schemes do not seem to be bringing world government and world power into the hands of the power seekers as quickly as they might wish.

A supplementary force is now, therefore, being employed. Masquerading under the disguise of a "science", this effort actually consists of a modern return to the earth worship and animal worship that dominated heathen cultures during Old Testament times, thousands of years ago. It has two elements.

First, it seeks to destroy Christian faith in God by substituting astrology, mysticism, irrationality, and worship of earth, animals, and idols. The Old Testament records many examples of the success of this sort of paganism in turning people away from the true God and thereby removing God as a competitor for those who sought power.

Second, it seeks to establish a way in which the arbitrary application of police force and military power anywhere at any time can be justified by reason and the "new morality." If world power can be achieved once in a "new world order", then perhaps it can be maintained by the justified use of force against any individuals who appear to represent a threat to the established elite.

The nature of evil, such as this, was defined for us two millennia ago by many of the statements of Jesus. These included his observation that:

He [the devil] was a murderer from the beginning, and abode not in the truth, because there is no truth in him. When he speaketh a lie, he speaketh of his own; for he is a liar, and the father of it.

John 8: 44

This effort calls itself “global environmentalism.” It is, in fact, a pseudoenvironmentalist power play.

It calls itself “environmental science.” It is, in fact, mysticism and pseudoscience.

It calls itself a “benevolent effort on behalf of our planet.” It is, in fact, a malevolent effort to transfer world power into the hands of a ruling elite.

It is based upon lies. It knows but one mortal enemy - the truth. And it is only through the truth that we can free ourselves from it.

It is remarkable that, as this methodology has been applied during the past two decades, almost all of it has been based upon outright lies. It is as though the evil of the thing is so pervasive that it is not even compatible with half-truths.

We have had the claims that nuclear power plants may explode like nuclear weapons (when they cannot), that acid rain is destroying our lakes and forests (which it is not), that smoke from the oil fires in Kuwait would cause a world-wide winter (which they did not), that DDT, which saved over 500 million human lives before it was banned, was an environmental hazard (which it was not), that our forests and forest animals are diminishing as a result of logging (which they are not), and that recycling wood and paper products conserves natural resources (which it does not).

Attention was then focused upon the upper atmosphere by the claim that chlorinated hydrocarbons are a major source of atmospheric chlorine and that this chlorine is causing the destruction of ozone, and thereby allowing increasingly dangerous amounts of ultraviolet radiation to penetrate to the earth’s surface, causing hundreds of thousands of additional cancer deaths. This false claim contains several simultaneous outright lies as we shall enumerate below. It is being used as the excuse to ban our currently efficient and safe refrigeration methods. The ozone crisis is a fraud from top to bottom. There is no truth in it.

Now has come the greatest lie of all - the “global warming crisis.” The claim is that a world-wide environmental crisis is occurring as a result of carbon dioxide release from the burning of coal, oil, and natural gas.

This is the greatest lie of them all for three reasons.

1. It has been chosen by a world elite as the most promising tool in their push for world power. The principal agenda of the global pseudoenvironmentalist summit in Brazil was underlain by the alleged "crisis" caused by the release of carbon dioxide. If plans now under development are realized, we shall soon be required to buy expensive United Nations licenses and ration cards for legal release of carbon dioxide. The same military units that are now hunting down marijuana growers and drug dealers will be raiding the homes of American families for unauthorized heating with wood, gas, or fuel oil furnaces.

2. Virtually all human activity (including breathing) involves the release of carbon dioxide. If, therefore, a national and international elite can establish itself on the premise that controls of carbon dioxide release are needed, that elite will have control over our entire lives - including even human birth and death.

3. This particular lie is not only false - the truth is the complete opposite of pseudoenvironmentalist claims. Instead of harming the environment, the release of carbon dioxide is actually causing an increase in the amount of trees and other vegetation, an increase in the amount of animals, and an increase in the environmental quality of the entire earth. These beneficial effects, which have been shown by carefully conducted scientific research, are so great that some of the best scientists familiar with this work are saying that the most effective way to enhance the biological environment of the earth would be to literally "burn the coal fields."

For the remainder of this article, therefore, I shall present a factual refutation of the ozone and global warming frauds - the former because it focuses attention upon the upper atmosphere and is soon to cost each of us the expense and inconvenience of doing without efficient refrigeration and other benefits from chlorine-containing substances - the latter because it is one of the most important political issues of our generation.

If the American people can learn the truth about carbon dioxide, they will be able to make a truly great contribution to the quality of the global environment while at the same time destroying a malevolent threat to their freedom.

If the American people, on the other hand, cannot learn the truth about carbon dioxide, they are likely to find themselves enslaved by one of the most pernicious lies that has emerged in modern times.

OZONE

Oxygen (O₂) absorbs ultraviolet light in the wavelength region between 1600 Å and 2400 Å. This absorption breaks the O₂ into two oxygen atoms, O. Each oxygen atom can then react with O₂ to produce ozone, O₃. Ozone absorbs ultraviolet light in the wavelength

region between 2400 Å and 3600 Å. This absorption breaks the O₃ into O₂ and O. When a continuous source of ultraviolet light shines through an oxygen-containing gas, these reactions result in absorption of the ultraviolet light and a continuous concentration of O₃ and O in the O₂ gas.

About 15 miles above the earth's surface, ultraviolet light from the sun, oxygen from the atmosphere, and these photochemical reactions result in a region of high ozone concentration called the ozone layer.

This is an important phenomenon, because the same wavelengths of ultraviolet light that are absorbed by oxygen and ozone are absorbed by many organic molecules that are necessary components of the living things on the earth. Since our plants and animals are designed to live in an environment shielded from energy of these wavelengths, these living things would be substantially damaged if the shield were suddenly removed.

Ozone (O₃) can undergo other reactions that also cause its dissociation. One of these reactions involves chlorine. To the extent that O₃ dissociates by mechanisms other than the absorption of light in the 2400 Å to 3600 Å region, O₃ is not available to shield the earth from ultraviolet light. These other reactions occur naturally in the atmosphere. The final steady-state concentration of ozone in the ozone layer is a result of all of the processes that lead to ozone formation and dissociation.

As expected, since oxygen concentration in the atmosphere is fairly constant, the most important variable factor in ozone production is sunlight intensity. Seasonal variation in O₃ is approximately 30%. Even the global average varies continually with solar activity as is shown by the satellite data displayed in Figure 1. This figure averages the entire earth between latitudes 69 north and 69 south and shows annual variations as well as those due

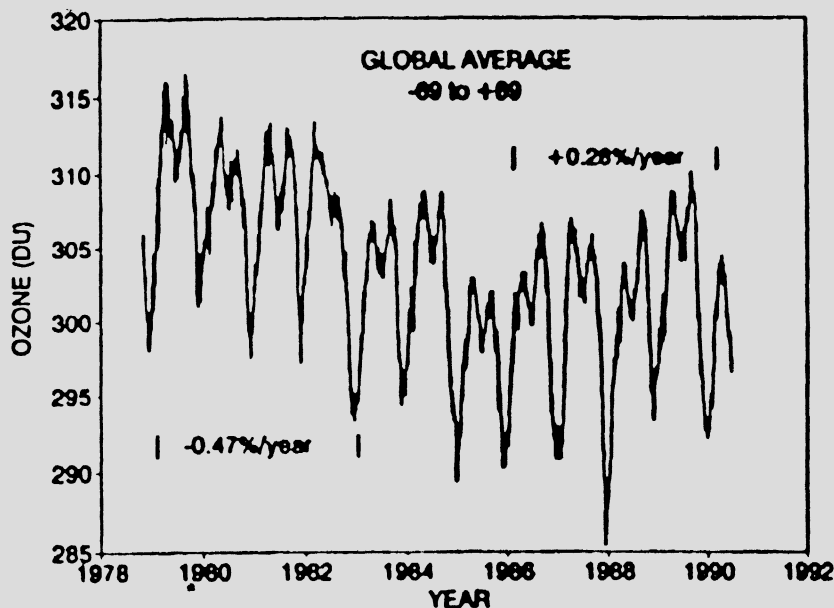


Figure 1

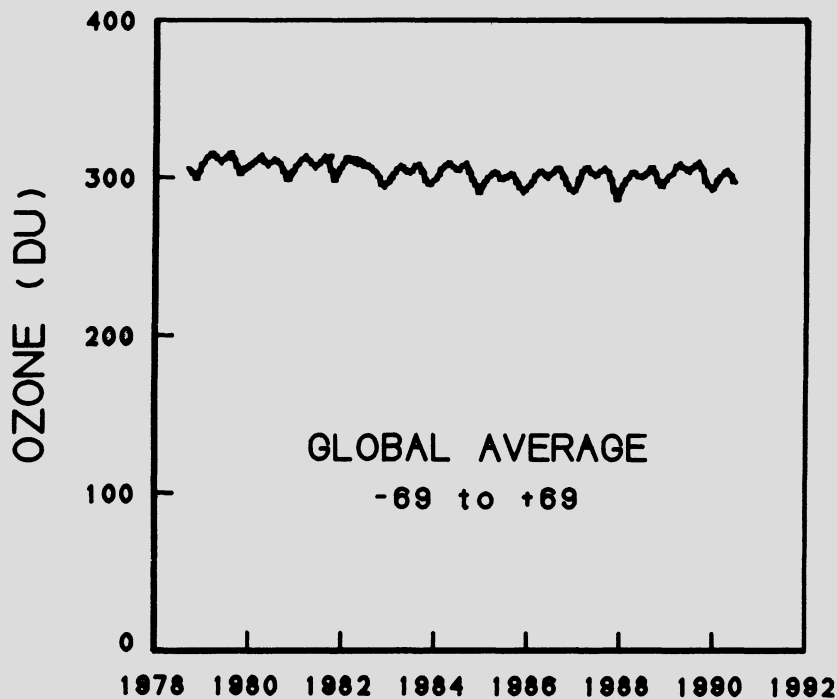


Figure 2

to the 11-year solar cycle which had a minimum in 1986. The overall pattern drifts down until 1986 and then drifts up again.

To put these variations in perspective, Figure 2 shows the same data with the ozone axis extending to zero. On a global basis, the ozone concentration is seen to be quite stable.

Ultraviolet light that penetrates to the earth's surface is, of course, also dependent upon solar radiation intensity. During periods of lower solar activity, less ozone is present, but there is also less ultraviolet light to be absorbed. This latter phenomenon turns out to be the dominant effect as is shown in Figure 3 which gives measurements of ultraviolet radiation between 2860 Å and 3200 Å at several American cities.

As solar radiation decreased toward the solar minimum in 1986, ultraviolet light at the earth's surface diminished as did the ozone concentration in the upper atmosphere. In both cases the effect was small. Ozone fell at a rate of about one-half of one percent per year, and ultraviolet light fell at a rate of about one and one-half percent per year.

Notice that ultraviolet radiation fell regardless of the reduced ozone concentrations and also regardless of human activity.

Can human activity have a significant effect on the ozone concentration? At present it cannot. But what about the claim that human production of chlorine compounds is destroying the ozone? Government bureaucrats and politicians have ruled that Americans must stop using chlorine-containing refrigerants and endure hundreds of billions of dollars in economic losses so that human release of chloroflorocarbon, CFC, compounds into the

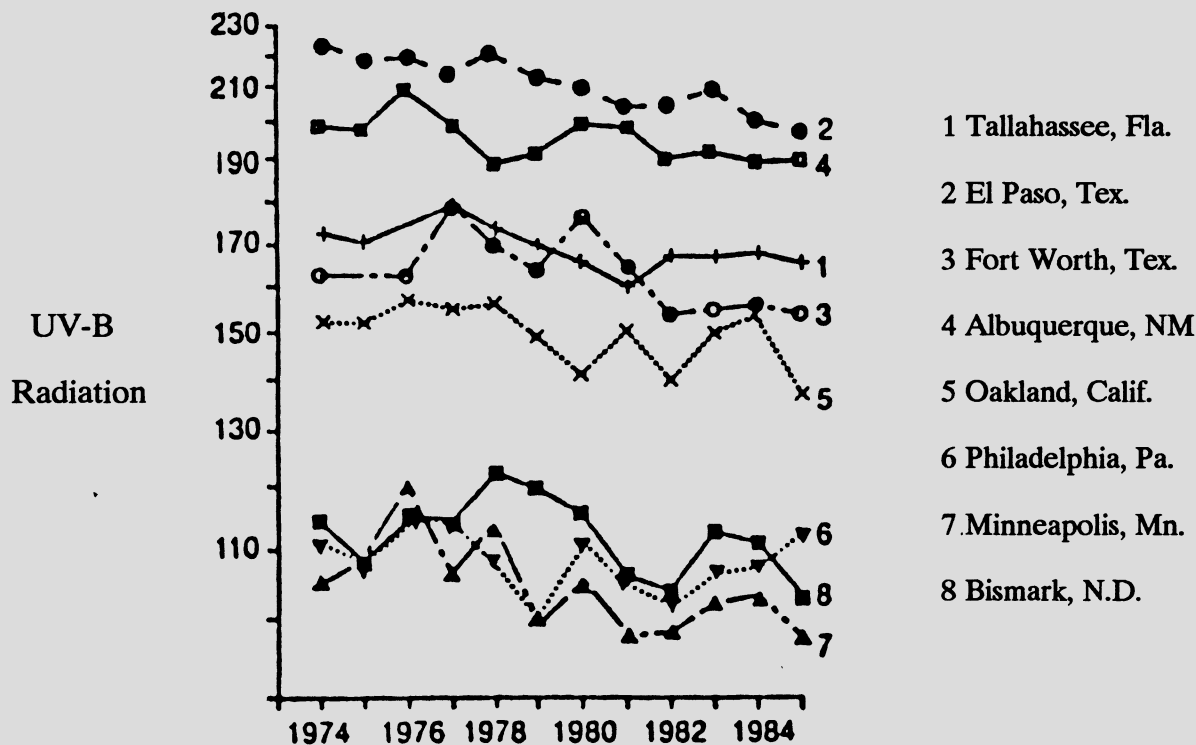


Figure 3

atmosphere will be stopped. They claim that these compounds rise into the upper atmosphere where they destroy the ozone layer.

The table below shows the sources of atmospheric chlorine in millions of tons per year. (Reprinted from Access to Energy, Box 2298, Boulder, CO 80306, January, 1992.)

Seawater	600
Volcanoes	36
Biomass burning	8.4
Ocean biota	5.0
Chlorine from CFCs	0.0075

Of the total chlorine delivered to the atmosphere, CFCs contribute about one thousandth of one percent or one atom per 100,000.

From Figures 1 through 3 and from the table, therefore, we can see that ozone is not decreasing, ultraviolet light is not increasing, and that CFCs do not contribute significantly to atmospheric chlorine. The chlorine question is moot anyway, since measurements show that respective global ozone and ultraviolet light levels are not decreasing or increasing.

But what about the famous "ozone hole?"

First, it is not a hole. It is a region of diminished ozone concentration. Second, it is not new. Observations of this phenomenon predate most of man's release of CFCs into the atmosphere. Third, this region of lower ozone concentration is caused by changes in atmospheric chemistry that occur at low temperatures.

Over the antarctic and occasionally over the arctic, low temperatures cause reaction rates and steady state chemistry of the atmosphere to be adjusted in such a way that local regions of lower ozone concentration are produced. In the antarctic, there may also be a chlorine component in this reduction.

Nine miles upwind from the station at McMurdo Sound, Antarctica (where scientists measure the antarctic atmosphere) there is a continuously erupting volcano, Mt. Erebus on Ross Island in the Ross Sea. This volcano ejects 1,000 tons of chlorine per day into the atmosphere. This is approximately 50 times more than the total amount of chlorine put into the atmosphere by all human release of CFCs everywhere on earth.

And cancer? Mr. Reilly, the power-hungry pseudoenvironmentalist bureaucrat who President Bush has installed as head of the Environmental Protection Agency, claimed recently that the ban on CFCs must be accelerated, because recent decreases in the ozone layer would cause 210,000 additional fatal skin cancers over the next 50 years. Aside from the fact that Reilly lied about the ozone decrease, what about the cancer? If ultraviolet light did increase (which it is not doing), would there be many cancer fatalities as a result?

Excessive exposure to ultraviolet light causes skin cancers. These cancers produce unsightly growths on the skin and are very common in older people. These growths should be removed. The skin cancers induced by ultraviolet light are, however, relatively benign, and they are usually not fatal.

Within the accuracy of current measurements and within the normal fluctuations of these natural phenomena, therefore, the following statements are true:

Ultraviolet radiation at the earth's surface is not increasing.

Ozone concentration in the upper atmosphere is not decreasing.

Chlorine in the atmosphere is unaffected by human CFC release.

Cancer fatalities are not being increased by ozone depletion.

The "ozone problem" is nothing more than a global lie created by pseudoenvironmentalists, politicians, and bureaucrats for their own self-serving purposes. That they are able to find a few "scientists" (whose desire for money and publicity is greater than their desire for personal integrity) to support these false claims is not surprising, but it is an example of the currently politicized nature of American science.

GREENHOUSE EFFECT

GLOBAL TEMPERATURE AND SEA LEVELS

There are a great many factors that affect the temperature of the earth. These include solar radiation, radioactive decay within the earth, ocean phenomena, clouds, water vapor, geologic phenomena, and numerous other independent and interrelated factors. At the present time, as a result of the complexity of these factors and their interrelationships and of the incomplete measurements available, no computer models have been developed that reliably predict long term weather patterns.

One of the many weather factors is the greenhouse effect. Solar radiation that penetrates into the atmosphere has a different energy distribution than does thermal radiation that radiates out of the atmosphere. Since radiation absorption and reflection by atmospheric components is energy dependent, some components are more transparent to incoming energy than they are to outgoing energy. These components tend, therefore, to cause an accumulation of energy which raises atmospheric temperatures.

One of the earth's atmospheric greenhouse components is carbon dioxide (CO₂). Carbon dioxide is also a greenhouse component on Venus and Mars. Carbon dioxide greenhouse warming measurements on these three planets agree very well with one another and obey quite simple relationships. It is, therefore, possible to reliably calculate the maximum amount of greenhouse warming that could accompany increased carbon dioxide in the earth's atmosphere.

These calculations give an upper limit to the actual warming to be expected from any change in CO₂ concentration. In a complex, steady-state system like the atmosphere there is often a tendency for the system to adjust in a direction opposite to that of an induced change. Therefore, as carbon dioxide warms the atmosphere, other components adjust to partly offset the warming. Regardless of this adjustment, however, what is the upper limit?

The upper limit, the maximum temperature increase possible from unopposed carbon dioxide warming is known to be about 0.4°C or 0.7°F per increase of 300 parts per million (ppm) carbon dioxide.

During the past 300 years, CO₂ has increased about 100 ppm to its present level of about 360 ppm. About 50 ppm of that increase has come in the last 40 years. Even though, as we shall see below, an increase of 300 ppm in CO₂ to a level of about 600 ppm would be very desirable for the earth's environment, it is clear that any increase achievable in the reasonable future will have a maximum greenhouse effect of less than 1°F.

Moreover, we would expect a maximum warming of about 0.1°C or 0.2°F to be associated with the 100 PPM CO_2 increase so far. This expectation is in agreement with observation, since the warming, if any, has been so little that it has not been observed.

The earth's average atmospheric temperature has fluctuated over a range of about 2°F during the past 1000 years. Local fluctuations as a result of cyclical weather patterns are, of course, much greater. Recent temperatures are approximately in the middle of this range and are the same as those that prevailed 1000, 800, and 400 years ago. During the past 300 years there has been an unusually cold period (colder by about 1°F compared to the average) from which we are now emerging.

Figure 4 shows actual earth temperatures during the past 400 years and gives ice core conductivity and oxygen ratios that allow temperatures to be calculated during the past 1000 years. The period between 1600 and 1900 is called the "little ice age", since temperatures during that period averaged about 0.5°F (one-half of one degree Fahrenheit) below normal. Some people have argued that, since the end of this cool period came at a time of CO_2 increase, the end was caused by the increase. Figures 5 and 6 answer that argument.

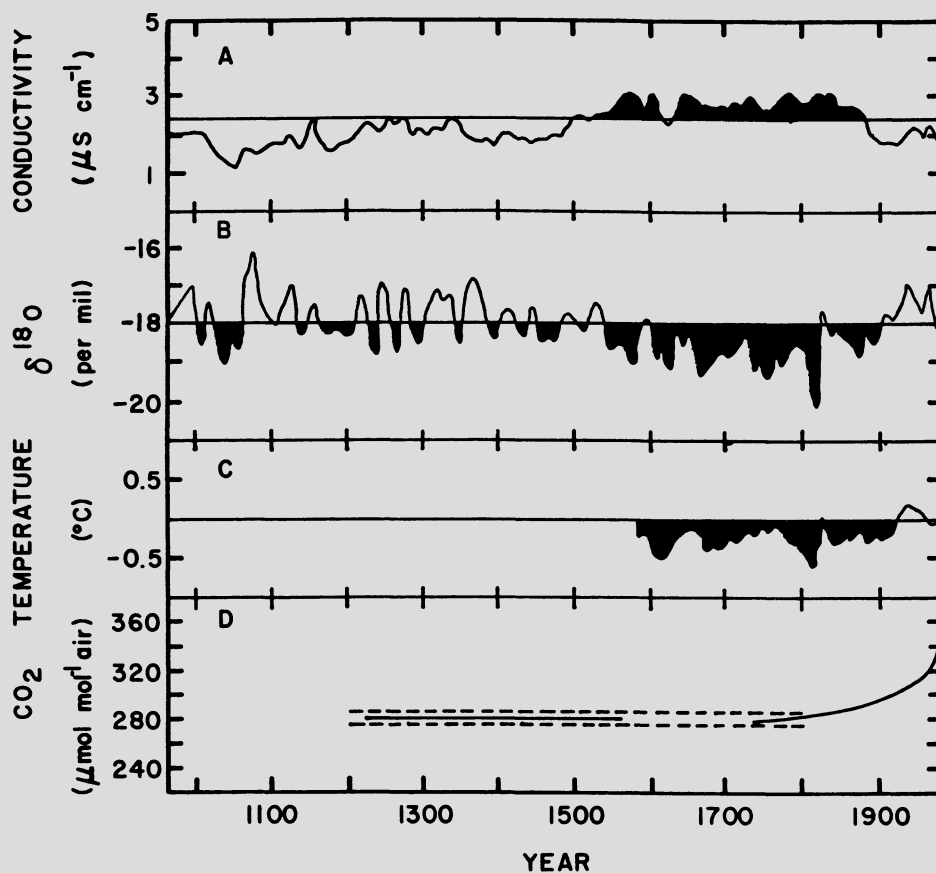
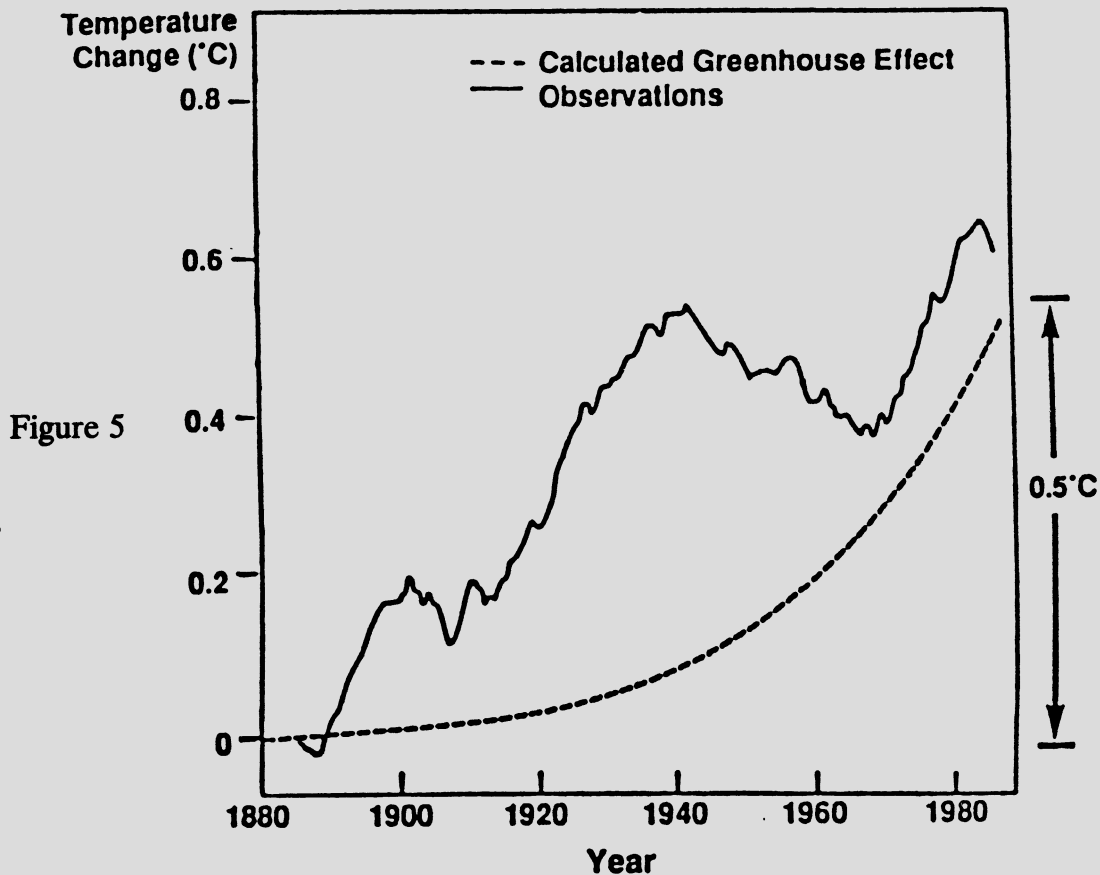


Figure 4



From Figure 5 it can be seen that the end of the little ice age which corresponded with a warming of about 1°F (0.5°C) came during the period prior to 1940, while most of the CO₂ increase was after 1940. The “Calculated Greenhouse Effect” (the dotted line on Figure 5) is that claimed by those who incorrectly attribute the 0.5°C temperature increase to CO₂. The dotted line (the entire 0.5°C increase attributed to CO₂) does not fit the data.

Moreover, the strong correlation between solar activity and temperature is shown in Figure 6. This comparison of global temperature with solar activity as measured by the length of the solar cycle demonstrates clearly that increased heat from the sun was actually the cause of this temperature increase. Studies of earth temperature vs. solar activity have shown that, as one would expect, the earth’s temperature rises and falls - in a narrow, stable range - in correlation with rises and falls in the intensity of solar radiation. Within this overall pattern, changes due to the 100 ppm increase in CO₂ have been so small that they cannot even be measured under the normal fluctuations.

In summary, overall earth atmospheric temperature has been stable for 1000 years and there is no evidence whatever that this is changing. Moreover, if it were to change in the future, CO₂ greenhouse warming could not cause a significant part of that change.

But what about sea level? It is claimed that human release of CO₂ has warmed the earth and is causing a rise in sea level that may soon inundate our coastal cities.

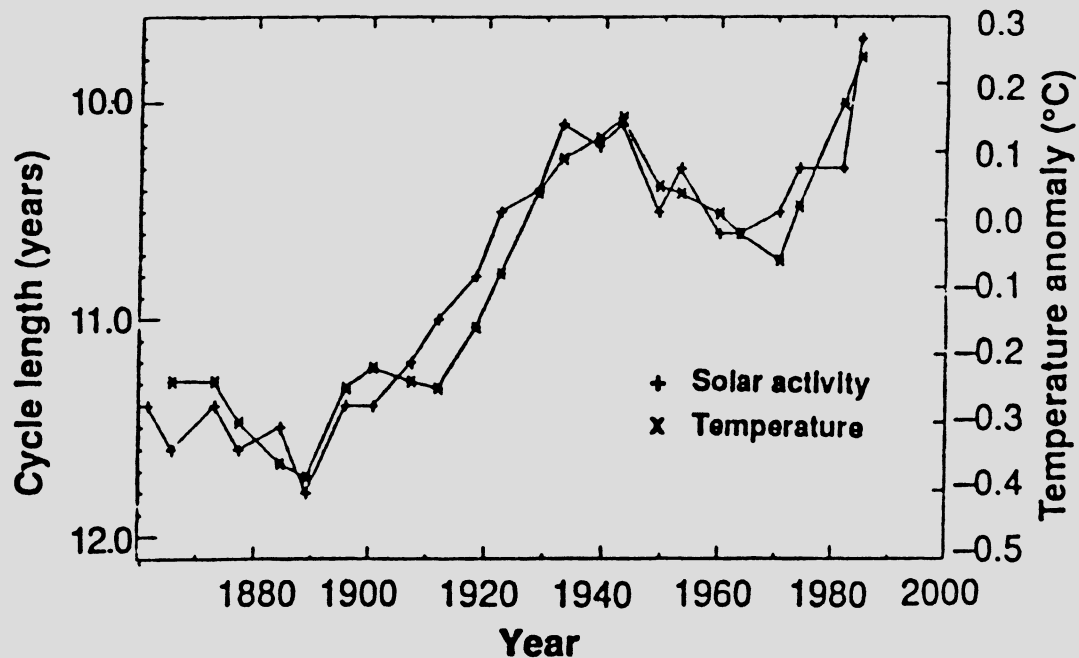


Figure 6

During the past 30 years for which there is reliable data, there have been steady increases of sea level of as much as one tenth of an inch per year on some of the world's coast lines. However, during the same 30 years, there have been steady decreases of as much as one tenth of an inch per year on some other of the world's coast lines. The geologic causes of these local fluctuations in the relative positions of the land and sea are only partly understood. Overall, increases in sea level are approximately balanced by decreases with **no significant net change**.

So how do the pseudoenvironmentalists create the illusions with which to scare the public? Simple: CO₂ is increasing. No one disputes that. CO₂ causes greenhouse warming. They publicize the warming but neglect to mention the small size of the effect.

Is the earth's atmosphere warmer? No, but local fluctuations can be large and year-to-year fluctuations of over-all temperatures occur in a narrow range. Therefore, pseudoenvironmentalists pick a warm local fluctuation or a brief upward fluctuation in the total and claim that this represents a trend for the whole earth.

Are the oceans rising? No. Therefore, they pick a locality in which sea level is rising and neglect to mention the localities in which sea level is constant or falling.

In short, they lie. They lie globally. And those whose political agenda is served by such lies provide large sums of money to the liars and see that their lies are well publicized for maximum effect.

There is, however, an even more pernicious aspect to this particular lie. A growing and already large body of scientific evidence shows that the earth's natural environment - the extent, lushness, diversity, and vigor of plants and animals in general - has been increased substantially by recent increases in carbon dioxide, and that it will increase spectacularly in the future, providing that net release of CO₂ from coal, oil, and natural gas continues.

Idso, Kimball, and their co-workers at the Phoenix, Arizona U. S. Water Conservation Laboratory have shown, for example, that trees grow three times (300%) faster at 600 ppm CO₂ and six times (600%) faster at 1200 ppm CO₂. Agricultural crops and plants other than trees do not show so large an effect, although all are enhanced by higher CO₂ with increased growth of 50% to 100% for most plants. A further result is that plants grown in higher CO₂ use substantially less water.

Since there is a linear relationship between biomass of plants and biomass of animals, it follows that the enormous increases in the lushness and amount of vegetation that will result from higher CO₂ will also bring about a concomitant increase in animal life.

Carbon is stored above ground primarily as plants and animals. Below ground, it is stored primarily as carbon-containing rocks and as coal, oil, and natural gas. Carbon dioxide serves as method of transfer between different types of carbon storage. Therefore, as carbon is released from coal, oil, and gas, it turns into plants and animals. If this release were not occurring, then an increase in one species of plant or animal would require a concomitant decrease in another species.

CO₂ is the earth's carbon recycling agent.

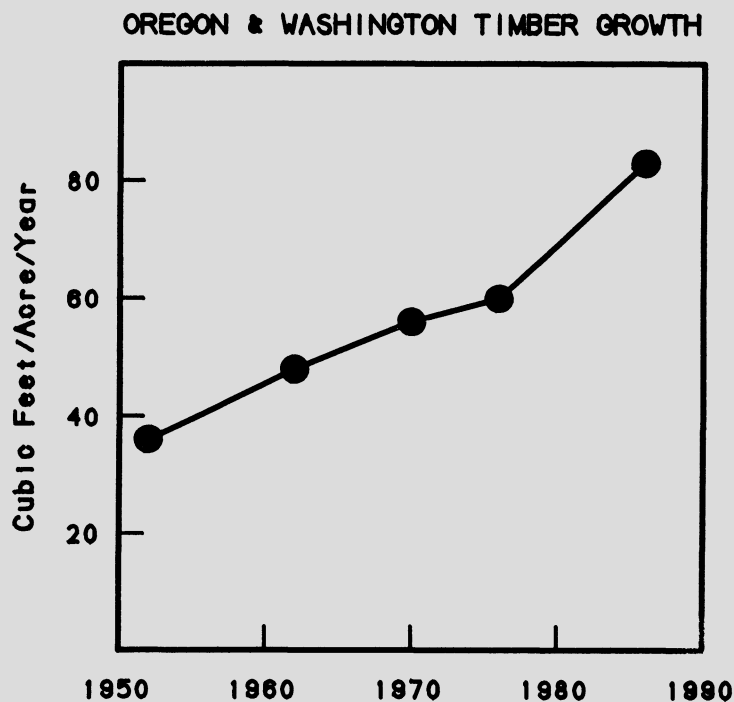


Figure 7

TIMBER GROWING IN UNITED STATES

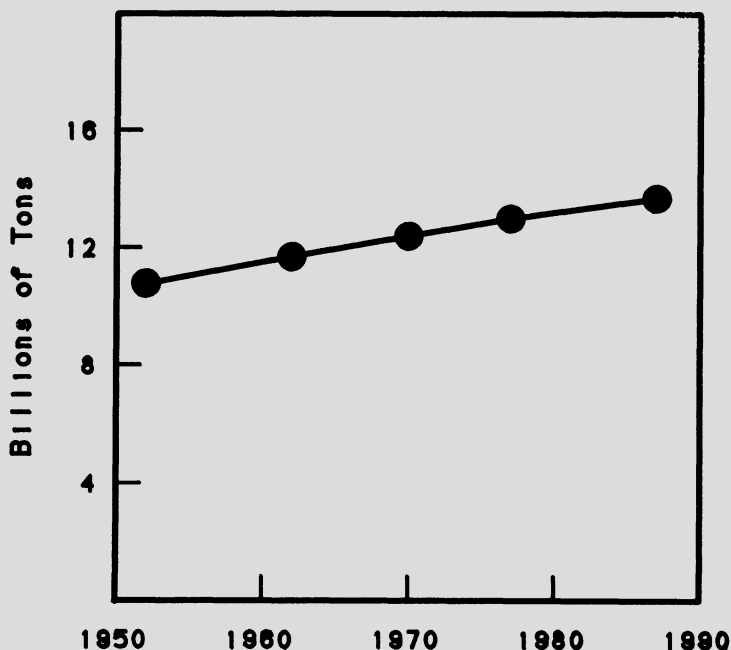


Figure 8

There is so much carbon stored in underground deposits, that release of a significant part of it will turn the earth into a lush garden abounding with plants and animals to an extent that almost exceeds imagination.

That is the good news. Further good news is that the earth's vegetation appears to have already increased by about 10% as a result of CO₂ release during our industrial age. The bad news (for those of us living now) is that, at current rates of release, it may take as long as 100 to 200 years before the earth is truly transformed. We probably shall not live long enough to see this. Controlled burning of coal and natural gas (oil is probably too valuable) could shorten this time.

In any case, if there is any public policy warranted by the facts, it is a policy of maximum CO₂ release and maximum use of coal, oil, and gas. Anyone interested in preserving and extending the earth's plant and animal resources should advocate this policy.

This true environmental policy would increase forests and wildlife. The pseudoenvironmentalist policy of interfering with the natural CO₂ recycling mechanism by means of CO₂ controls and paper recycling campaigns actually wastes resources and diminishes forest and wildlife growth.

It is much more efficient to burn paper and produce CO₂ that is turned back into trees than it is to gather and transport paper to resource-intensive factories where it is converted into lower quality paper at high expense. Burning plastic, which is derived from natural gas and oil, releases new CO₂ into the air which results in a net increase of the earth's plant and animal life.

The pseudoenvironmentalists, in their quest for power, spend much time and public money crying crocodile tears over the "death of American forests." Freedom, private prop-