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(*Cosmic Orgone Engineering*)

CONTENTS

OROP DESERT

by

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Part 1

SPACE SHIPS, DOR and DROUGHT

ORGONE INSTITUTE  ORGONON
Rangeley, Maine, U.S.A.

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The responsibility for the contents of original papers and communications rests on the writer and not on the editor. This journal grants free expression of opinion which is not always and not necessarily the opinion of the editing staff.

*Love, work and knowledge
are the well-springs of our life.
They should also govern it.*

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INTRODUCTION TO OROP DESERT

The story of OROP DESERT is long and complicated. Let us begin with the word OROP. This word was coined to designate all operations on the part of human beings regarding DESERT. Desert here includes drought, atmospheric conditions which lead to drought and desert, and the technical means, based on the scientific understanding of nature, which could, possibly, do something beneficial about the prevention of drought and desert development.

"OR" is included because the scientific data underlying our technological data on desert development have been worked out in the realm, method, research and technical development of thought, which differs from other systems of thinking in that it is neither mechanistic nor mystical, but *functional*, *energetic*.

Thus, "OROP" comes to designate engineering operations involving the COSMIC ENERGY FUNCTIONS.

This does not end the introduction of OROP DESERT. The physical desert *outside* in nature is a matter of millenia of cosmic events. Many places on our planet were once flourishing, green, fruit-bearing countrysides which nourished rich and happy human cultures and civilizations. Only twenty-five thousand years ago, the Southwest of the USA, so the archeologists and geologists tell us, was inhabited by men living on green lands. This is true, without going into detailed proof here, of the Nile Delta, and the land where Jesus had walked the earth only two thousand years ago, the whole region around Nazareth, today subsumed under the name "Near East." We are told by historians, too, that other regions, such as the Mexican and South American plains and valleys, today poor, were once rich. This, I suppose, is also true of the Roman Empire, today reduced to a poor, plague-ravaged Italy.

What underlies the making of deserts?

It is obvious that deserts are not merely products of some unknown events in nature; they are spreading more and more over vast regions of our globe. The severe droughts which threaten to extinguish all human existence are truly functions of desert development. The following chart, taken from *U. S. News and World Report* depicts the spreading of this menace in the USA today.

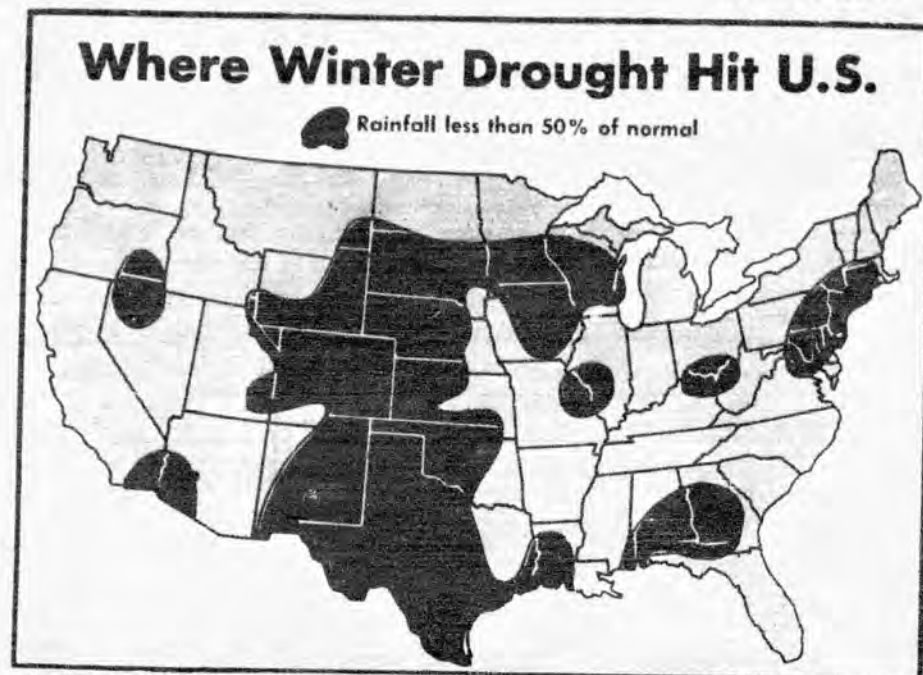


FIGURE 1.

The point to be stressed in the approach to the problem of desert development is this:

Deserts are based on natural functions which operate in the direction of dehydration of the atmosphere and soil, i.e., death. However, man would have conquered the desert and would have been capable of halting the development of desert had he himself not been subjected to a process in his emotional structure, a process which we shall designate as

“ EMOTIONAL DESERT ”.

Man himself is responsible for desert making and desert breaking. Man has the tools of knowledge and the tools of technology at his disposal today to combat desert development, and even to turn existent deserts back into green, rich pastures for man and animal alike.

THE FIRST OBSTACLE IN THE WAY OF OROP DESERT IS NOT THE OUTER DESERT, BUT THE INNER, EMOTIONAL DESERT OF MAN.

This is a highly responsible statement, indeed; it will take sharp facts to prove it. Again: *Man himself prevents now and has prevented over the ages the combat of deserts.*

Desert-making outside in nature corresponds to the making of emotional deserts in our infants before and after birth, over the ages, all through and far beyond the written history of mankind. Both, the outer and the inner desert, are rooted in a process of shrinkage and dying of “ vitality ” i.e., immobilization of biological energy.

We shall from now onward designate operations regarding the OUTER desert as OROP DESERT, and regarding the INNER desert as OREP DESERT. OREP means operations regarding the *Emotional Plague* of mankind (EP).

We are by now quite familiar with what the term Emotional Plague, briefly EP, means. We have experienced the deadly, desert-like quality of the EP in such human activities as two world wars of global proportions in one generation, with hundreds of millions killed or maimed and other millions rendered to the state of starvation and destitution under the yoke imposed by desert souls.

Let us not at this point go further in the exploration of the identities of outer and inner desert. It may suffice to have indicated the basic point. We shall encounter this identity, once focused, again and again in the concrete functions of OROP DESERT.

The following report was compiled from records, 1952-1953, during the last months of 1953. Reports on operations in 1954 will be published in future issues of CORE.



FIGURE 1a. AIR VIEW OF ORGONON, RANGELEY, MAINE.

CHAPTER I

EXPANSION AND CONTRACTION IN THE ATMOSPHERIC OR ENERGY

Let us now, in preparation for a more difficult task, take a respite from the grave problems of basic natural research; let us wander about the field of nature, as if on vacation, just looking at and enjoying things. Our compass in the new territory will be only a few well-known laws of organomic functioning; we shall observe the atmosphere in an unbiased way as if nothing at all were known about it. Then we shall meet with what the observant farmer knows about the weather.

1. SMOKE FROM CHIMNEYS

In the open countryside, smoke from chimneys drifts either straight upward or it lingers more or less parallel to the ground. Some farmers predict *good* weather when the smoke drifts *straight upward*, and *bad* weather when the smoke drifts *horizontally*. Is there any objective truth in this rule?

Organomic observation and reasoning tell us: The OR energy envelope expands and reaches far out into space in good weather; on the other hand, it withdraws and concentrates at the surface of the globe before the onset of bad weather. (Rheumatic and cancerous patients react to this contraction with "*pulling pains*." The bio-energetic system responds to the surrounding OR energy ocean.) The blue haze disappears from the mountains; the mountains appear to be closer. This withdrawal of OR energy from certain places and its concentration in other regions needs weakens the expansive force in the atmospheric OR energy which is directed against the pull of gravity. The smoke from chimneys will not be able to lift straight into the atmosphere against the pull of gravity. On the other hand, with even and strong expansion of OR energy, the expansive force which counteracts gravity is powerful enough

to make the smoke drift straight upwards. We shall encounter this behavior in a different context, in aviation.

2. FOG

The behavior of smoke from chimneys falls in line with the behavior of fog on early autumn mornings. On warm summer days there is rarely any fog in the valleys between mountains except in higher and colder regions. In autumn, on the other hand, fog develops easily in the low-lying valleys. As the sun rises, the fog disperses. In certain valleys, the fog drifts horizontally first before it rises and disperses.

What could be the reason for this behavior, different in summer and in autumn, or in colder and higher, as against in warmer and lower regions?

Here again, we must think of the *dispersive, expansive* qualities of OR energy. In summer, in warmer and in lower regions the expansive, anti-gravity action of the atmospheric OR energy is stronger than in colder or higher regions and in autumn. There is less power available to carry the water vapor and to disperse it high up than is available on warm days, in lower regions. The water vapor will not be able to disperse or to rise. The result will be what is called "fog."

When the sun mounts over the horizon, it exerts more and more excitation upon the weakened OR energy. The dispersive, expansive power of the latter increases; it is now better able to disperse and carry the water vapors: The fog lifts and disperses. Clouds, if any, slowly disappear.

3. ARID AND RAINY REGIONS

We have now learned about the relationship of atmospheric OR energy and small particles of smoke and water vapor. Thus, better equipped, our observations, as we wander through the open country-side, become more acute. We see more and we understand better what we see: Things which remained unobserved or misunderstood as the "Oh, that's nothing, just this or that. . . ." variety become transparent to our eyes. Let us go one step further:

It is well known that the air over hot deserts remains dry, that it never or only rarely rains there. It is also known that during some summers in some regions where there is much water in rivers, in lakes and in the ground, it does not rain for months on end, with resulting fire danger to villages and forests.

On the other hand, there are regions where it rains nearly continuously, where the air is moist and heavy down to the earth; and it happens that it rains for weeks on end.

Where does all the moisture in the latter case come from?

Is it evaporation of moisture alone?

This explanation is obviously insufficient. For, why does it *not* rain for weeks on end in regions where water is plentiful and the sun beats down hotly, drying up every wet cloth in a few minutes in a very dry air? There must be some reason for this.

Again we can use what we have learned about the expansive, dispersive force in OR energy: Where there is much moisture but little rain, the atmospheric OR energy is strong and powerful, as for instance in the Mediterranean regions close to the ever-present billions of tons of water. *The water vapor is continuously being dispersed, THE DISTRIBUTION IS MORE OR LESS EVEN, no major concentrations of OR energy and therefore no condensation of water vapor can occur.* The *expansive, dissipating* function in OR prevails.

In other regions, such as mountainous terrain, where there are *great differences* in the *concentration* of atmospheric OR energy due to differences in high and low shadowy valleys and warm mountain slopes, there is much rain even if there is little water to evaporate. The *concentrating, contracting* force in OR prevails and creates differences of potential in the atmospheric energy and water vapor distribution. However, we shall find later on a specific condition in the desert atmosphere which promotes a fast evaporation rate and restrains OR concentrations, thus enhancing cloud dissipation.

4. THE RING AROUND THE SUN AND THE MOON BEFORE "BAD" WEATHER.

Often, before the onset of bad weather, a ring of varying diameter appears around the moon and the sun. Farmers and people living in the mountains pay great attention to these phenomena. *What does the ring mean?*

Let us draw a sketch that will depict two ring formations under different OR energy conditions:

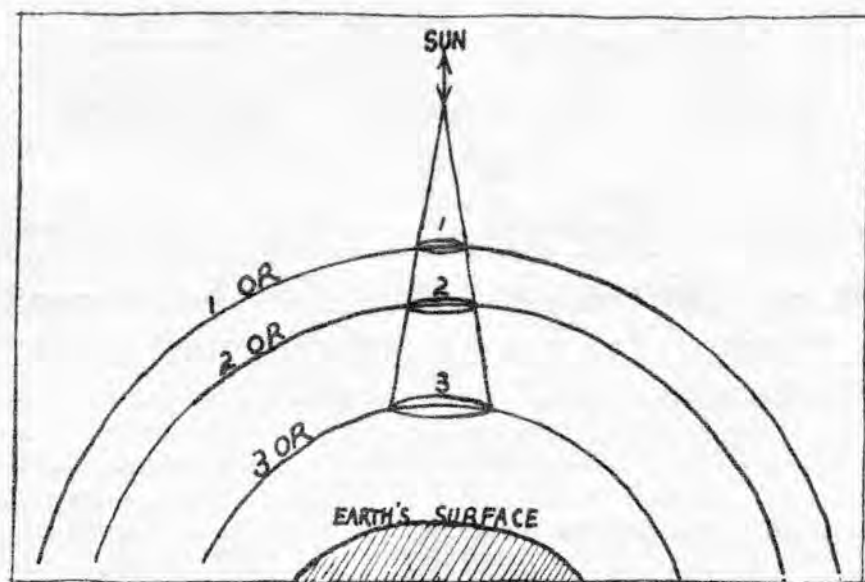


FIGURE 2. THREE STATES OF EXPANSION IN THE OR ENVELOPE.

1. Ring around sun with expanded OR envelope is smallest
2. Ring around sun with slightly contracted, pre-rain OR envelope
3. Ring around sun with greatly contracted OR envelope

In 1 the OR envelope of the Earth is largely *expanded*. The rays of sun or moon hit and penetrate the OR envelope higher up than in 2 and 3. In 2 and 3 the OR energy has contracted, its outer layers are closer toward the Earth surface. The diameter of the ring now depends only on the degree of contraction of the OR envelope; the diameter of the ring is in direct relation to the contraction of the OR envelope.

Strongly concentrated OR energy transmits the excitation which is commonly called "light" in a different manner than thinner OR energy. The ring will constitute a larger or smaller circle, depending on the state of expansion or contraction of the OR envelope; it is delineated by the difference in the transmission of light in the "thinner" and in the "thicker" OR energy layer.

The atmospheric OR energy contracts before rain, attracting, condensing and suspending water vapor in the atmosphere, com-

ing down later as rain. The more concentrated the OR energy, the broader is the "thinner" outer region, the larger the ring, and vice versa. No ring develops when the OR energy envelope is evenly distributed and expanded into high regions of the atmosphere.

5. OR EXPANSION IN SPRING AND CONTRACTION IN AUTUMN

The total expansion and contraction of the atmospheric OR energy envelope in certain regions is best expressed in the functions of nature which we observe in spring and autumn. Most of the phenomena we encounter on our wanderings through the countryside during these two periods fall into a comprehensive setting if we see them in the light of a contracting and expanding OR energy envelope of the Earth. The trigger for the expansion or contraction may or may not be the rays of the sun as it rises or falls with the ecliptic. But the connection between weather functions and the expansion and contraction of the OR envelope cannot be doubted, for the following reasons:

The increasing cold in autumn results from a less active, contracted OR energy envelope. On the other hand, the mounting heat is the result of a more active, expanding OR energy envelope in spring. Gases behave just the same way with respect to "heat," i.e., expanded, highly active OR energy, and "cold," i.e., contracted, less active or less mobile OR energy. Water, as we know, immobilizes completely when freezing and evaporates into highly active and mobile vapor above 100° centigrade.

"Heat" is accordingly related to an *expansive*, and "Cold" to a *contractive* OR energy.

To judge from the color of the leaves, the appearance of the trees in spring and in autumn respectively, and the fine shimmering around the trees in spring, there is a *more active, expanded* OR energy in the trees in spring, and less in autumn. The OR energy envelope does not only engulf the surface of the globe; it goes right through the earth crust into the depth as well as into the highest atmosphere and beyond; there it merges with the cosmic OR energy flow which is beyond the gravitational field of the planet.

The OR energy contracts and expands as a *total energy* SYSTEM. As it does so, it enriches or impoverishes the world of plants and animals (hibernation, loss of weight, etc.) while it oscillates and functions *THROUGH* the living beings.

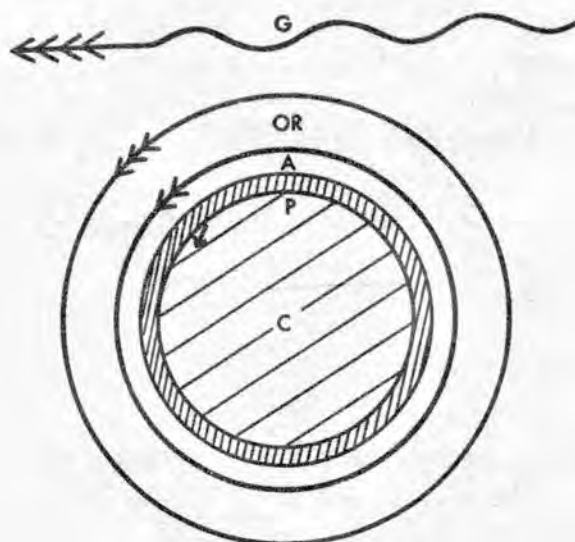


FIGURE 2a.

- G.....GALACTIC OR STREAM
 OR.....OR ENERGY ENVELOPE
 A.....ATMOSPHERE
 P.....PERIPHERY
 C.....CORE

In early spring, shortly before its full onset, we see a deepening, sometimes a reddening color of the trees, a brightening of the green in evergreens, passing away of the dull and somewhat sorrowful appearance of the branches, an erection, expansion, and an increasing juiciness in everything, including man in his youth and middle age.

It is this streaming of energy, and not mechanical viscosity which causes the fluid to rise in plants against gravity.

The increasing strength of the urge for mating, in man and animal alike, is obviously due to the same richer flow of OR energy

through the living beings. The sap rises richer and faster through the fluid channels in the trees which can be plainly seen in the greater moisture on cutting off the bark. *Yellow* plus *blue* result in *green*. Resin is *yellow*; it slowly changes at the tips of the branches into *green* while mixing with the *blue* of the OR energy from ground and atmosphere. The appearance of the first leaf buds in itself is a clear-cut expression of the *EXPANDING* force of the OR energy; so is all growth of living matter. It is OR energy pushing against rigid membranous matter which is elastic enough in young living beings to yield to the expansion: Extensive growth, green in trees, budding are the results. The power of this force can easily be observed in the manner in which a grass blade or flower-seed shoot pushes through heavy pebbles in their way.

In autumn, the opposite happens. The OR energy of the planet contracts as a whole, back toward the core of the globe, and thus is thinning out also in the living beings. Accordingly, the leaves dry up, become yellow through loss of the blue from the green, and finally loose their hold at the stem; through loss of cohesive energy they fall off. The "juiciness" disappears and a sad dry, wintery appearance comes about. The water in the air does the same thing: It changes into snow which is *dry, crystallized* water vapor, containing OR energy (cf. "Orene").

Too many riddles remain unsolved as we wander about. But, so we hope, a trail has been broken into this realm of the unknown. We shall from now onward coordinate functionally:

CONTRACTED OR

Tendency toward:

Matter
 immobilization
 "cold," freezing
 autumn, winter
 strong potential
 differences

EXPANDED OR

Tendency toward:

Energy
 mobility
 "heat," expansion
 spring, summer
 even distribution of
 OR energy

CHAPTER II

SPACE SHIPS AND DESERT DEVELOPMENTS

1. DOR AND MELANOR

My account of "The Blackening Rocks" (OEB V/1,2, 1953) presented the growing worse of the DOR emergency at Orgonon. DOR clouds (OEB IV/4, 1952) had begun to pass over and to hover above Orgonon during the last days of March, 1952. The atmosphere reacted in a strange manner, with CPM increased from a normal 30 to 40 to 300 to 800. There could be little doubt that crucial developments were in progress. The DOR clouds had appeared, for the second year, about the time of the vernal equinox. This in itself pointed to *cosmic* events. For three years, 1951 to 1953, the growing worse of DOR repeated itself. The coincidence of a severe DOR reaction in the atmosphere with the vernal equinox deserves special attention in the coming years. The reactions used to become milder sometime during October, after the autumnal equinox.

In spring 1952, the situation at Orgonon became bad indeed, to the point of complete collapse of the activities and living conditions. It will be necessary to survey, in a different context, the emotional and physical reactions of the workers at Orgonon during this collapse.

The Observatory was evacuated in April 1952. It did not return to any orderly activity before November 1953, when we succeeded in removing from the atmosphere some of the black matter, called MELANOR (M_e), which had settled and continued to settle upon everything, rockwalls, apparatus, skin surfaces — doing all kinds of damage.

I would like to ask the reader to be patient with the following enumeration of functional processes which emerged one by one from the DOR emergency at Orgonon. The functions were these:

1. Studies devoted to *Melanor activity* both in the inanimate and the living realm, regarding their connections with atmospheric functions.

THE DOR EMERGENCY

2. Strenuous efforts to cope with the emergency caused by the atmospheric conditions. Grave distress was abundant everywhere, not only at Orgonon. We had identical reports from New York, Philadelphia, the West Coast, and in 1953 even from Tel-Aviv. DOR seemed to have spread nearly over half the globe. The efforts to eliminate the emergency resulted on one line of developments in the invention of a machine, later termed the "CLOUDBUSTER", meaning: "busting" up the atmospheric DOR clouds, the source of the distress to living beings (See "DOR Removal and Cloud-Busting", OEB IV/4, 1952, reprinted here; see Chapter III).

3. Attempts to overcome what came to be called "DOR SICKNESS". This sickness which is characterized by a well circumscribed group of symptoms, had already been studied during 1951, in the course of the first run of the Oranur Experiment. Many new features of the DOR sickness were found during the period covered by this account.

4. All functions which constituted the DOR emergency had clear-cut relations to the DOR clouds; and these, in turn, slowly revealed features which pointed toward the origin of *drought*, and drought, in turn, involved development of *deserts*. By way of a particular hook-up, the cloudbuster which was originally designed to remove the evil DOR clouds, lead to techniques in handling the atmospheric OR energy in such a manner that

5. *Rain* could be produced or stopped at will during 1952. In the course of the winter months of 1952/1953, also *fog could be lifted* and sunshine could be brought about at will. There were several unequivocal successes:

- a. The breaking of the drought in New England on August 1st and 2nd, 1952 at Orgonon;
- b. The breaking of the drought at Ellsworth, Maine, on July 6th, 1953, and through cloudbuster operations (OROP) both at Orgonon and Hancock, Maine, on October 23rd, 1953.

It was also possible to keep predicted rain away from Rangeley on "Children's Parade" day, August 9th, 1953, for one whole day while it was raining all around Rangeley.

The result in all these cases was clearly attributable to OR operations (OROP); they contradicted often the corresponding official weather predictions. These operations were subsumed

under one single aspect "OROP DESERT". Their importance for a possible fructification of desert land was obvious from the beginning in 1952. My plan to start OROP DESERT was communicated to the US Government and the Governor of the State of Maine during the summer of 1952. The severe drought which harassed the USA in 1953 was predicted in a letter to responsible organizations of the State of Maine in the spring 1953. At present, we are preparing for a far more severe drought which is to be expected to hit the world again during 1954. Altogether eight experimental cloud-busters will be available for OROP DESERT in 1954, with each unit capable of covering an area of about 150 to 250 miles. One operator was sent to Arizona in March 1954 to experiment with the cloud-buster in a desert area.

6. Finally, in addition to all this, reminding us in all seriousness that we are definitely dealing with a force that governs the universe; that we are, furthermore, dealing with a true CFP of nature at large, with functions of the basic natural law ($N \neq 1$), the following developed since July 1953:

It was clear from the very beginning of the DOR emergency that we were dealing with a functional process which somehow converted cosmic energy directly into a matter-like substance ($E \neq M$), and also the opposite way ($M \neq E$). These functions were assumed to be operating below the realm of mechanical, electrical and chemical functions, as *pre-atomic*, *sub-chemical*, *primordial* $E \neq M$ functions of the universe. Therefore, in July 1953, a new branch of chemistry was inaugurated at Orgonon. Its objective was to clear up the pre-atomic chemistry and bio-chemistry involved in ORANUR. The result of this work was the discovery of a white, substance-like, but *pre-chemical* matter which was termed "ORENE" (O_e). It contained no less than the *principle of growth per se* in the form of a white (yellow in acid) powdery substance.

First, let us proceed with points *one* and *three*, Melanor (M_e) and the DOR sickness.

The reader of ORANUR may remember that M_e had struck, for the first time, forcefully at the end of March 1952, when no ORANUR experimentation was going on at Orgonon. But already in January 1951, at the very start of ORANUR, a major problem was the falling ill of most workers at Orgonon. As the months and years passed

by, many millions of people all through the USA and the world fell ill from DOR sickness. The basic and typical symptoms of DOR sickness, commonly referred to as "Virus X," or "Intestinal Flu," will be enumerated later. DOR sickness has nothing to do with any virus. It is a clear-cut, well circumscribed disease due to *pre-atomic* "DOR clouds." These black clouds were passing at irregular intervals over various parts of the world, for various lengths of time, from a few minutes to several days. What is being called "smog" over big cities is a mixture of fog, soot, etc. This fog becomes stagnant and does not dissolve *when DOR clouds are present in the atmosphere*. It appears not only over big cities, but also in the open countryside which is free of any industrial smoke. So-called "SMOG" has, therefore, little to do with smoke; however industrial regions full of soot may well enhance the hovering of DOR clouds over big cities. This makes the situation worse than it would be without the presence of smoke particles in the air. The Orgone Institute organized and received reports from many parts of the USA about DOR sickness, the bulk of the reports coming from New York.

Typical symptoms of DOR sickness are:

General fatigue and *emotional distress*; in some cases the fatigue is interrupted or even replaced by emotional outbursts of *hatred*. *Nausea* frequently follows in the wake of prolonged fatigue. *Pressure* in head, chest, arms and legs are common. Respiration is difficult, and sensations of *lack of oxygen* frequently accompany the distress. *Thirst*, hunger for much water, is grave under conditions which promote a DOR atmosphere, such as presence of fluorescent lights; neon signs in a restaurant; clocks and watches with luminous dials; X-ray machines in a hospital room filled with filing cabinets which act as accumulators of atmospheric energy.

Hot flashes alternate with a *bleakness* of appearance. Faces appear *bluish* to purple. People seem to be *choking*, as it were. They complain about "something being wrong in the air," or "something queer going on."

Heart-failures with subsequent death are frequent, especially when prolonged fog or drizzling rain with low-lying clouds prevent the supply of fresh oxygen and OR energy from the atmosphere.

Diarrhea is one of the most distressing symptoms in prolonged

DOR emergency. The stools become *black*, due to Melanor which is being eliminated through the intestinal tract. They also become, in advanced phases, soft to watery and contain much mucus. Symptoms of *dysentery* may develop further, up to *amebae* in the stools. This has nothing whatever to do with "infection." The protozoa develop from low-charged epithelia (see the CANCER BIOPATHY, 1948).

When the atmosphere clears again, either spontaneously or by means of DOR removal, the symptoms likewise abate, but they never fully disappear as long as there are DOR clouds passing over the region or, as in big cities, are hovering over buildings for weeks on end. The discoloration of the atmosphere may go as far as a dirty brown in the smog or fog.

The stools of DOR-sick people may at times become white or gray from lack of bile. But the blackish soft and watery stool is the more typical symptom.

Nausea may develop into frequent vomiting.

Tachycardia is a not infrequent symptom in some cases.

Typical is also a shivering or *fibrillar quivering* of muscle groups in various parts of the body. Such fibrillations may harass the heart.

Typical of DOR sickness is an *emotional dullness*, a let-down in stamina which at times takes the form of stupor in some cases. It goes hand in hand with a dull gaze in the eyes, with an expression of despair in the features of the face, not necessarily known to the victim of the disease. At times, a metal ceiling in a room full of people may induce a complete standstill of emotional functioning.

During 1952 and 1953, there were more *prison riots* in the USA than ever before in a similar stretch of time. This is now understandable as a revolt of organisms against the torture of living in metal cages with DOR clouds present.

In addition to these typical symptoms, persons may develop various atypical symptoms from their individual constitution in response to DOR. Those suffering from a slight liver disturbance may develop severe hepatic syndromes.

Loss of body heat down to a temperature of 96° F or even less has been observed in several cases.

Swelling of glands (parotis, submaxillaris), edema of tongue, uvula, glottis, were frequent occurrences.

Total *flaccid paralysis* of legs was seen several times in one case.

Severe *thirst*, due to dehydration of blood and tissues, and *oxygen hunger*, due to reduction of the oxygen in the air through DOR, are the most distressing symptoms.

It was found that the following remedies at least alleviate the distress:

Frequent warm, soaking baths eliminate M. from the skin.

Continuous ventilation of living and sleeping quarters.

Drinking water or tea in abundance.

Orgastic discharge of bio-energy is essential.

DOR removal over the affected region with the cloudbuster at irregular intervals, according to the DOR situation, helps to keep DOR clouds moving on, and reduces at least the distress otherwise caused by accumulated and stagnant staleness of the atmosphere.

2. QUEST FOR SOURCE OF DOR AND MELANOR (1951-1953)

Upon realization of the nature and widespread distribution of DOR sickness it became clear: The ORANUR experiment had not *caused* the atmospheric conditions which were responsible for the DOR emergency. The experiment had only *reproduced* and *revealed*, as if under a high-power microscope, what had been going on over ages on a lesser scale; it had, furthermore, accentuated effects of various atomic energy functions. Those were right who said that atomic energy work did not *cause* the DOR clouds. ORANUR adds: Atomic energy operations only constitute one potent *irritating factor that excites the atmospheric OR energy into ORANUR and DOR*. But this is far from being the complete picture.

The problem of what was causing the grave distress at Orgonon and in other parts of the USA remained unsolved until the *Keyhoe* report on the so-called "*Flying Saucers*" appeared in autumn 1953, released under the auspices of the US Air Force.

The following problems had beset Orgonon from the very beginning of the DOR emergency in January 1951, starting with the first powerful run of the ORANUR experiment:

1. *Had the Oranur Experiment caused the highly excited OR energy field around Orgonon within about two miles? Had it caused within a radius of several hundred miles a similar excitation*

of a lesser strength? (The sharp OR energy field had extended in 1953 about 50-80 miles.)

ANSWER: The Oranur experiment has only *accentuated* an already existing function, the irritation exerted upon the atmospheric OR energy by nuclear material; it succeeded in disclosing its basic characteristics and processes (see the ORANUR EXPERIMENT — First Report, 1951).

2. *Why did DOR seem to come toward the Orgone Energy Observatory from the West or Southwest, and hover over it for hours on end?*

ANSWER, 1953: It was the continued concentration of OR energy at Orgonon which *attracted* and *held* the DOR clouds overhead.

3. *Why did the DOR clouds adhere to the west to east direction in such a consistent manner?*

ANSWER, 1951: This was so because of the prevalent W to E direction of the movement of the OR energy stream in the equatorial belt of the globe's envelope (see COSMIC SUPERIMPOSITION, 1951).

4. *Why did people suffer most in bad weather, in rain or wintry fog, while they recuperated with the return of good, dry and sunny weather?*

ANSWER, 1951: This appeared fully explained by the fact that the atmospheric OR energy sinks to a lower potential in bad weather since OR energy is concentrated in the water vapor.

5. *What could possibly be the significance of the blackening of rocks at the Observatory and in the region around it?*

ANSWER, 1952: "Melanor" (M_e), coming from "somewhere," from a source and place unknown, is the opposite of the whitish powdery matter, called "Orite" (Or), into which the rocks disintegrated on the surface. Thus, in our organometric language

$$M_e \neq Or$$

The functional meaning of this antithesis was not cleared up before November 1953 when ORENE was discovered; it was coming down from the atmosphere.

6. *Why in 1953 did the DOR cloud emergency strike again, for the third time in three years, at the end of March at the vernal equinox?*

ANSWER, 1952: This fact seemed to indicate a cosmic lawfulness. Possibly, this lawful growing worse of the DOR emergency had something to do with the crossing of the equator by the sun as it travels on the Ecliptic toward the Tropic of Cancer. Only a global synoptic survey of DOR could provide a reliable answer to this question. However, knowing the date on which the emergency grows worse would *not* answer the basic question as to the source of the DOR clouds.

7. *Why did the rocks at Orgonon disintegrate and change into a brownish-blackish, crumbling mass akin to clay in 1952, and on Mt. Cadillac, Bar Harbor, Maine, one year later, in 1953?*

ANSWER, 1952: The highly excited DOR energy field which had developed at Orgonon 1951, had reached sufficient power to make rock disintegrate a few months later at Orgonon. It had spread to Bar Harbor, Maine, in 1953. It most likely is the agent of rock disintegration in deserts.

8. *What function was responsible for the getting brown of the rocks, after they had become black with M_e ?*

ANSWER, 1952: The rocks reacted to the attack by M_e with bionous disintegration in the silicate (oxides) of granite, and with development of a white powder, microscopically consisting of bions or energy vesicles: A mixture of WHITE and BLACK plus YELLOW Orene should give various shades of BROWN. This explanation was later confirmed by chemical analysis of ORANUR-affected matter, M_e , Or, and Br (so-called "BROWNITE"). This again agreed well with the earlier assumption that M_e and Or were functional opposites.

9. *Which of the three substances was most responsible for the severe distress suffered by all persons and animals involved in ORANUR?*

ANSWER, 1952: Doubtless by Melanor, M_e , the black powdery substance that came in from the west as blackish DOR clouds, hovered over the Orgone Energy Observatory, and made working and living there impossible for years.

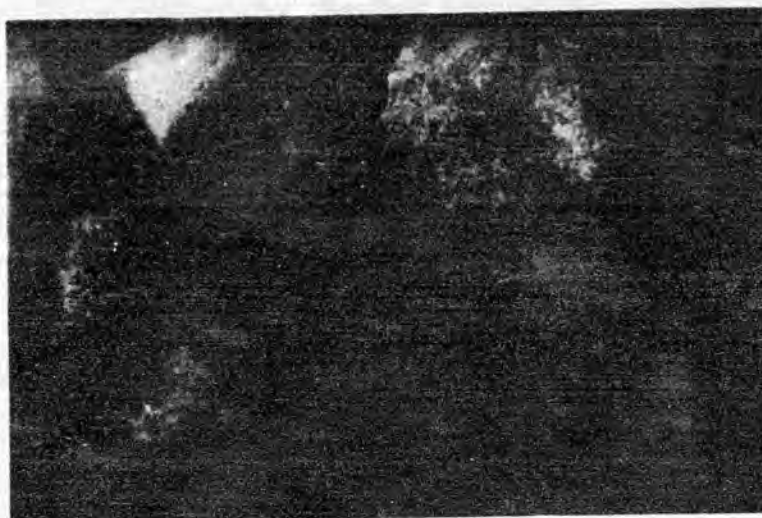


FIGURE 3. MELANOR ON ROCK SURFACES.

10. *How could the COSMIC origin of M_e be verified to the satisfaction of the most demanding scrutiny?*

ANSWER, Summer 1953 (entirely unexpected): During the full moon in July, 1953, and during the full moon periods of the following months it was established, by way of unaided vision and with strong binoculars, that first the crests of the mountains in the central parts of the moon were blackening in a progressive manner. A band of blackened peaks was clearly discernible, and later also parts of the valleys which extended from the western to the eastern rim, along the equatorial plane. This observation, made independently by two skilled observers, put the fact of the cosmic origin of Melanor beyond any doubt. The question as to the *Why* and *How* naturally remained as yet unanswered.

11. *What was the functional meaning or essence of a cosmic Melanor which obviously was attracted by the earthly, concentrated OR energy at the Observatory?*

ANSWER (incomplete at the end of 1953), MELANOR (M_e) IS COSMIC ORGONE ENERGY FROM OUTER SPACE WHICH IS LACKING OXYGEN AND WATER, THE TWO MOST ESSENTIAL CONSTITUENTS OF LIFE IN THE REALM OF ITS BIOCHEMISTRY. MELANOR, AS COSMIC LIFE ENERGY, SHOWS THE QUALITIES OF HUNGER FOR BOTH OXYGEN AND WATER. THESE ESSENTIALS TO LIFE IT COULD ONLY OBTAIN BY ATTACKING ROCK OXIDES AND "REDUCING" THEM CHEMICALLY, IN OTHER WORDS, EXTRACTING THE OXYGEN FROM THE OXIDE COMPOUNDS. MELANOR COULD, FURTHERMORE, OBTAIN OXYGEN BY USING UP THE AVAILABLE OXYGEN IN CLOSED ROOMS. THIS EXPLAINS FULLY TWO BASIC SYMPTOMS OF DOR SICKNESS: CYANOSIS, i.e., LACK OF OXYGEN, AND THE CONTINUOUS NEED TO KEEP THE WINDOWS OPEN EVEN IN 30 DEGREES BELOW ZERO, AS WAS THE CASE AT ORGONON AND IN RANGELEY.

Water could be obtained by Melanor only through *dehydration*, i.e., drying out of the *soil* of the earth surface, *clouds* (drought), the *atmosphere* itself, *organisms*, *plantlife*, etc., etc.*

*(Note, May 9, 1954):

During the past two weeks the deterioration of trees in the vicinity of (NOT AT) Orgonon has grown apace and has reached terrifying proportions. Maples, birches, poplars several inches in diameter are bent like rubber hoses; the wood is brittle and the trees simply fall apart; many millions of such trees are being cut apart by saws to save the lumber from decay. The formerly dense forests of Maine have thinned considerably; huge trees are leaning over roads due to decay (which is *bionous disintegration*) of the roots and trunks; some people are aware of these developments, but are silent out of their habitual reserve and their fear to get into trouble with plague-inspired law procedures; others, well the majority, are emotionally too restricted to be much aware of what is going on, or to care much if they are aware.

Here, in one neat bundle, we have several characteristics of the distress suffered by men, animals and plants in the USA and also abroad: the dry atmosphere which so badly tended to become droughty; the severe thirst which everyone suffered from during the DOR emergency; the feeling of being dried out, the feelings of shrivelling up (let us finally take the sensations of the organism seriously, even if we rely on objective evidence): the *DEHYDRATION* was due to Cosmic Melanor. Briefly, M_c disclosed the riddle of *desert development*.

The reader of these last few pages must have felt fright, if not terror. This fright mirrors only insufficiently what we have gone through during the DOR emergency at Orgonon, and what people, according to detailed reports, suffered in the big cities such as New York, London, etc. The situation was not made better by the fact that routine science and medicine seemed unaware of these colossal happenings, even during the worst periods of the emergency.

Countless questions arise anew as we survey the territory of these events. We are prepared to meet many more questions of a truly *cosmic* nature. Many a formerly doubtful reader of orgonomic literature will now appreciate our term "*Cosmic Engineering*," or in brief "*CORE*," operations in my attempts to cope with the DOR emergency. He will also better understand now why I put so much emphasis in the beginning on the *basic newness* and *vastness* of these events. We have definitely, due to these events, left the realm of well-known facts, theories, techniques, methods of thinking, etc.; and how it came about that first I, personally, and later successively worker after worker at Orgonon, citizen after citizen in Rangeley, then people in New York and on the West Coast felt more and more penetratingly that, as they usually expressed themselves, "*something had gone wrong with the air and the weather*." We have, quite unawares, been ripped from our past accustomed lives and were transposed into vast reaches of the universe, as it were.

In the face of such events, never before experienced in such concentration over a short period of time, many formerly important matters began ever more to appear nonsensical, if not ridiculous. To explain such phenomena away as "*reflection*" of light on windshields, is the height of evasiveness.

3. CLARIFICATION OF THE SOURCE OF MELANOR

What is to follow now, will shock the reader; its realization has shocked the workers at Orgonon. Not only did we find ourselves quite suddenly flying in cosmic spaces, as it were; we realized how restricted scientific thinking, with a few rare exceptions, had been all through the times past. A few of our workers behaved as if they had dreamed all their lives of flying through space in jet planes; they found themselves one day wide awake and *REALLY* flying in space at an incredible speed. Thereupon, some of these dreamers, realizing that to get out of the jet plane like shaking off the dream would not be possible, began threatening the jet pilot to land immediately or else. Some of the best ones simply ran away, in one case as far away as Hawaii. Severe emotional reactions, to be discussed later, plain hatred toward the research work, and physical disease harassed our community. The emergency, in autumn 1953 already two years old, found its theoretical – and to a great extent also its practical – solution during the month of November 1953, in the following manner:

Two books, both about so-called *FLYING SAUCERS*, reached Orgonon in November 1953. The first "*FLYING SAUCERS HAVE LANDED*" by Leslie and Adamski; the other "*FLYING SAUCERS FROM OUTER SPACE*" by Major Keyhoe.* The first differed greatly from the second report in style and approach, but the factual observations were to a great extent the same. To me they brought surprise only as to the great number of saucer sightings, and as to the evasive manner in which this tremendous subject had been handled by some mechanistic scientists.

I was not surprised at the reality of visitors from outer space, since I have never believed in the theories which for no factual or logical reasons attempted to restrict Life to the tiny, insignificant planet, called Earth. I had taken the many rumors about flying saucers as a matter of fact.

One day, at noon, in August 1952, on the terrace of my home, I had heard, but not seen, an object crossing the sky from horizon to horizon in a few seconds with a speed unknown on earth. I knew it was a space ship. There was no undue surprise connected with this observation; it was not even written down in the Log

* Keyhoe's "*Flying Saucers Are Real*" was not available to me until March 1954. Scully's "*Behind the Flying Saucers*" was not known to me until April 1954.

book. Several people had reported seeing "flying saucers" near Orgonon during 1952. However, the fact of visitors from outer space did not connect yet with the DOR emergency at Orgonon; not until the two books mentioned above revealed detailed information which filled many gaps in our understanding of the happenings at Orgonon during the severe emergency. These reports, quite knowingly, left little doubt as to the type of energy used in these space ships. All functions mentioned so far pointed to well known functions of the cosmic, primordial energy.

Let us now, for our own use, change the accidental name "Flying Saucers" into the more appropriate one "Space Ships" of CORE men. "CORE" here is to indicate the fact that these beings from outer space were using the techniques of COSMIC ENGINEERING (CORE). We shall now proceed to enumerate the reasons why it seems certain that the CORE men operate with Cosmic Energy.

1. *Cosmic Energy is objectively (on colored film) and subjectively BLUE.* The reports on the space ships were unanimous in reporting that the machines of the CORE men showed *bluish light* shining through the openings, and also that the field around the machines, though at times changing color with the speed, was *bluish-greenish*. The reported change of color to white and red belongs, too, into the realm of *orgonotic* phenomena; however, this fact cannot be discussed at this point intelligently without elaboration of many new, as yet unpublished facts about light in relation to OR energy. Suffice it to indicate that *red* and *purple* appear in some OR energy functions of strong concentration, and that the *white* of sun and daylight, too, corresponds to certain high energy states of OR energy.

2. *The comparatively silent movements of the CORE machines:* Unless transmitted by or transformed into certain mechanical or electrical functions, OR functions usually operate silently, such as in the living organism where tremendous energies are at work with each movement, and yet no noise whatever is being heard. By way of certain arrangements, however, it is possible to obtain sound from these silent movements, such as putting the membrane of a stethoscope upon the eyeball with closed eyelid, or touching the grid wire of a GM counter, high voltage off, with the finger.

3. *The CORE men operate their machines with the help of*

orgonotic field effects of the OR energy in space and in the envelope of our planet. Since the OR energy field of the OR envelope of the earth's globe also governs the functions of its gravitation, it is no wonder that the CORE men are able to maneuver their space ships in the manner described in the two above mentioned reports. During the ORANUR experiment, observations have been secured at Orgonon which make it certain that ORANUR changes gravitational field functions in direction and intensity. No more can be said about this point of Cosmic Engineering.

4. *The severe DOR effects began at Orgonon during the vernal equinox for three years.* Leslie starts his report with the 30th of March, 1952; my own report on the "Blackening Rocks" (OEB, V/1, 2, 1953) starts with the new emergency at Orgonon on March 24th, 1952. This is no mere coincidence. The month of April 1952 was reported in the ORANUR report just mentioned as the period when the nauseating DOR clouds were observed for the first time in the Rangeley region. April, 1952, is, according to Leslie's report, also the month with the most frequent sightings of CORE space ships. The nauseating DOR clouds must have some connection with the space ships.



FIGURE 3a. SIGHTINGS OF SPACE SHIPS DURING MONTH OF APRIL, 1952 (Data from Leslie and Keyhoe).



FIGURE 3aa. SPACE SHIP SIGHTINGS FROM MARCH 5 THROUGH JULY 14, 1954 (Data compiled from various radio and newspaper accounts).

5. The CORE space ships are probably using the OR energy streams of the universe as their thoroughfares, as it were. This is not certain by all means; they may well travel also in other vector fields of cosmic energy, just as automobiles could use meadows to ride on when hard surface roads are also available. The suggestion mentioned above is warranted by the following facts:

a. the role of the true path of the sun (crossing the celestial equator), evidently also played a part in the reoccurrence of the sharpening of the dawn emergency during the vernal equinox. This assumption requires ample investigation and clarification.

b. The space ships most likely use the so-called "*Galactic or Energy stream*"; according to theoretical deductions (see COSMIC SUPERIMPOSITION, 1951) it runs at an angle of 62 degrees north of the equatorial plane. It cannot be a mere coincidence that most sightings point to a SW to NE direction of the movement of the ships, although many other directions occur, too. This assumption appeared important enough to be mentioned. It is supported by the frequency of tornadoes

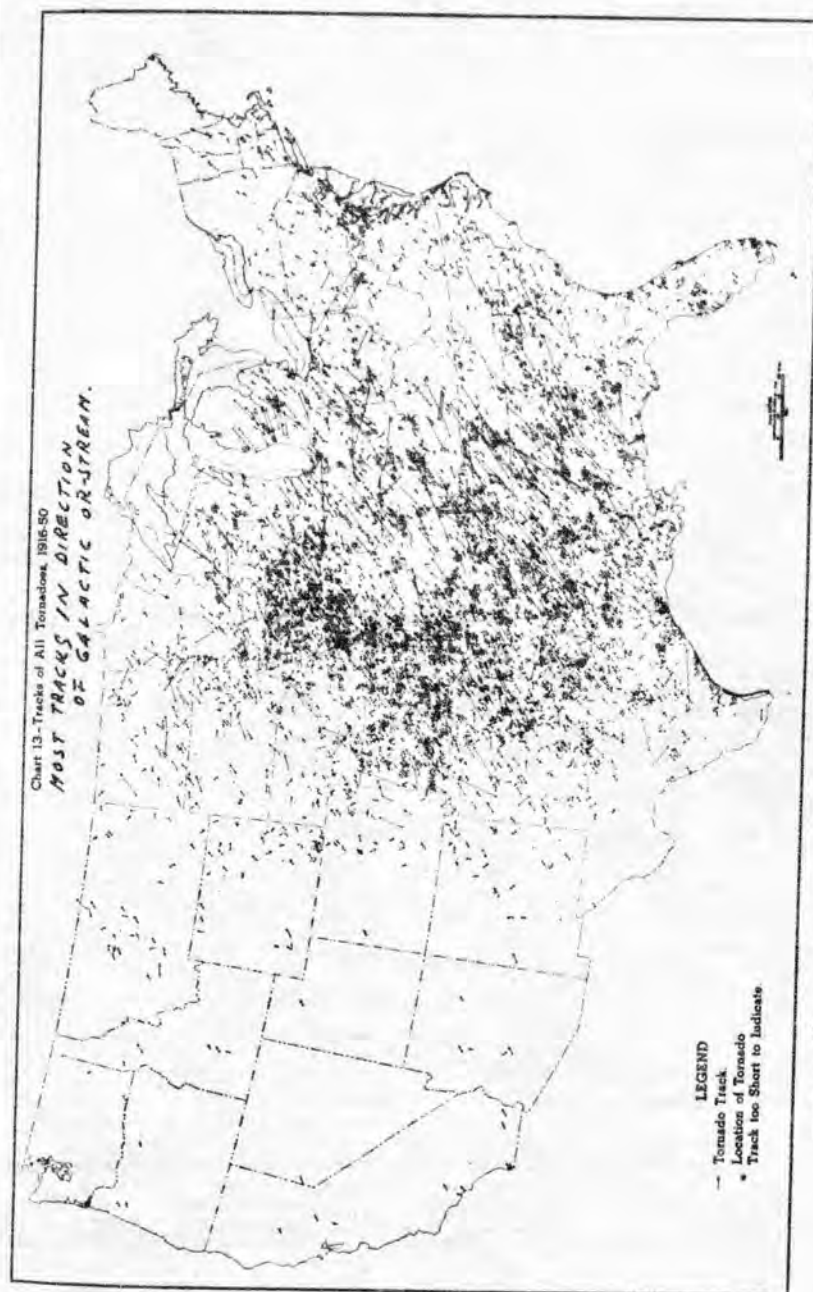


FIGURE 3b. TRACKS OF ALL TORNADES, 1916-1950 (US Weather Bureau).

that developed in Texas near the Mexican Gulf, and its coincidence with nearly exactly 62 degrees north-north-east movement of hurricanes and tornadoes in North America. (See Figure 3b; also diagram page 32 in "The Blackening Rocks," OEB, V/1, 2, 1953.) In February, March 1954, this region was harassed by climatic catastrophes such as sandstorms, dustbowl development, etc.

6. The question necessarily imposed itself upon a heap of other problems already at hand at Orgonon, what may have induced the CORE men to inspect so frequently the earth globe during the last two to three years. (Any attempt to answer this question thoroughly would necessarily have to take into account *all* "sightings" recorded in as yet undisclosed files of the US Government.) ORANUR seemed to provide the most satisfying answer to this question which, of course, requires still much elaboration:

The Cosmic OR Energy fills the universe: To judge from what we already know about its characteristics, it becomes irritated and runs amok if excited by nuclear energy action. This had been disclosed by the ORANUR experiment in 1951 beyond any doubt whatever. From this fact follows the logical conclusion that *the highly sensitive OR energy ocean in the universe had been greatly irritated by the atomic energy explosions which took place at an accelerated rate during the past 3 to 4 years*. Since the CORE people apparently use Cosmic Energy in propelling their space ships, they may have decided to investigate the source and the nature of this new menace to their existence. The unmistakable blackening of the rocks on the moon indicated the extent of this irritation, even if only in a nutshell, as it were.

From this cause would derive an answer to our question about the frequent visits by living beings from outer space. The fact that their space ships were sighted for the most part (though not exclusively) over or near atomic energy plants, seems to fit well with this assumption. To KNOW, really, we would have to meet them and ask them point blank.

Thus, the ORANUR effects of the atomic energy blasts, reaching far out into cosmic space, have brought down the CORE men, who are in full possession of the use of Cosmic OR Energy. So far, to judge from the available reports, these CORE men came peacefully, investigating *only*. Let us hope that we can meet their peacefulness with peacefulness of our own.

7. There can no longer be any doubt as to the *source* of the substance called *Melanor*. It disclosed heretofore entirely unknown characteristics. *Melanor stems from the CORE men and their space ships*. However, there are several questions which must be answered in due time if the menace which the DOR clouds as well as *Melanor* present for the human race, is to be met. Any *definite* answer to these questions is as yet not possible. However, the questions themselves should be formulated *now*. They may direct us toward the true, valid answer in due time.

These questions are:

A. Are the DOR clouds which so typically come in from the west and southwest, in other words, on the main galactic "highways," exhaust fumes or similar offal of cosmic OR energy used by the CORE men in their travels through space?

B. Are the DOR clouds only the *carriers* of *Melanor* which these CORE men may *deliberately* pour into our atmosphere?

C. If the DOR clouds are results of *deliberate* action on the part of the people from space:

a. *Are these intentions benign? Do they want to help us?* This possibility cannot be and should not be excluded, since ORANUR and DOR have disclosed most fantastic curative qualities, in spite of the DOR sickness, or maybe just because of the DOR sickness; it represents a kind of immunization which the people on Earth are bound to go through.

b. Or, *are these DOR clouds designed to change our green planet into a wasteland of desert similar to the moon's surface?* The severe droughts of late which coincide with the DOR as well as CORE men problem, may well be results of such deliberate action. In this case, let us not fool ourselves: The war between Earth and an invading enemy from space, using weapons strange to us, is already on and must be met *right away*.

It is not rational to assume that wars are always fought only the way we know them with their preceding diplomatic quibbling, followed by war with or without declaration of war with noisy bang-bang of all kinds of shooting machinery resulting in crumbling buildings and sudden destruction of all cities on earth as visualized in the instructive US film on Flying Saucers (1953).

We must permit ourselves to think of war as a silent, unnoticed, slow working but deliberate destruction of life on a planet, a satellite, or even a star. We must be ready to change every single view we have held sacred if it contradicts *new* facts and *new* experiences.

War may be going on right now with no one being aware of it, with men dying, with trees bending like rubber hoses, green pastures turning into dust bowls, and with academic and civil institutions explaining it all away as with "just this" or "just that". In short, it may turn out correct what one would otherwise feel inclined to ascribe to a schizophrenic mind — namely, that instead of shooting *at* the victims of war with bullets, one could very well sap life energy *out of the war victims* with machines which operate according to the orgonomic potential of the Cosmic Energy.

8. The CORE men doubtlessly know not only the physical properties of the Cosmic Primordial Energy. They also know what has been assumed in Orgonomy for more than two decades as the quality of *LIFE* contained in this energy. This connection has been fully revealed, and is already being worked out in this laboratory as what came to be called "*ORENE*" (O_6). This is a substance which, as said before, stems from Melanor and is *LIFE ENERGY IN MATTER-LIKE FORM*.

Conclusions deriving from such vastly different realms as atmosphere, cosmic *DOR* clouds, space ships, etc., begin to fall into place and to make sense. Knowing the qualities of the Cosmic Life Energy, using this energy for physical propulsion and having developed very great skill in its use, point to the probability that these living beings are *NOT ARMORED*. This is not only supported by direct evidence, but also by its counterpoint, as it were, namely the fact that armored Man on Earth has, so far, done everything in his power — and has even used his knowledge — to talk away, think away, kill away, legislate away all potentialities of getting at this very same cosmic force, for one single reason only: *not to be perturbed* in his affairs conducted according to the armor.

We are facing an emergency, facing it not only as the species mankind; the principle of *LIFE ITSELF* on Earth is challenged. We can no longer permit ourselves to be as petty as to continue our

Little Men's quibbling over nothing, as if nothing at all has happened. *We are in a process of deep and crucial change of our total existence*, biological, physical, emotional and cosmic. Let us, therefore, start behaving in accordance with these facts.

The gist of the peril is this:

If we, here on Earth, are undergoing a threat to our existence by way of Desert Development, it is imperative to concentrate on the measures to be taken, if any are available, to meet the menace intelligently.

CHAPTER III

DOR REMOVAL, CLOUD-BUSTING, FOG-LIFTING *

I. THE "DOR-CLOUDS"

It has become possible to *apply the principle of the orgonomic potential to the dissolution and formation of clouds*. This technical application of the orgonomic potential ** was forced upon this institution during the emergency which shook Orgonon from about March 21, 1952, till the present date, May, 1954. It was a matter of survival in this region to find a way to remove the "DOR-clouds," as we came to call the nauseating concentrations of DOR over ORGONON.

Let me first explain what these DOR-clouds are, how they look, what they do and what can be done about them. DOR-clouds were observed and comprehended for the first time during the early days of May, 1952. The main characteristics of these DOR-clouds, as they appear at various intervals over Orgonon, coming in mostly from the west, are the following:

1. "Stillness" and "Bleakness"

A "stillness" and "bleakness" spread over the landscape, rather well delineated against unaffected surrounding regions. The stillness is expressed in a real cessation of life expressions in the atmosphere. The birds stop singing; the frogs stop croaking. There is no sound of life anywhere. The birds fly low or hide in the trees. Animals crawl over the ground with greatly reduced motility. The leaves of the trees and the needles of the evergreens look very "sad"; they droop, lose turgor and erectility. Every bit of sparkle or luster disappears from the lakes and the air. The trees look black, as though dying. The impression is actually that of *blackness*, or better, *bleakness*. It is not something that "came into the landscape." It is, rather, the sparkle of Life that WENT OUT of the landscape.

* First published in OEB, IV/4, 1952.

** THE ORANUR EXPERIMENT First Report (1947-1951).

NATURE OF DOR CLOUDS

2. Vanishing of Luster and Sparkle

The vanishing of luster and sparkle from the sunny landscape had been independently confirmed by several observers who have grown up on farms. Trees, rocks, telegraph poles, mountainsides, and houses appear "black" although it is not really blackness. It is, rather, like the *absence of light*. To the orgonomic observer, it appears to be the result of thinning or a failing of the OR energy substratum that usually luminates into brilliant daylight, with sparkle and luster. The absence of OR lumination was shown on color film in 1953. It should be carefully noticed that DOR-clouds appear while the sun keeps on shining. The green color of trees and meadows disappears from the mountain ranges. Everything seems to go black or "dull." One cannot help but feel this to be DEATH, "BLEAK DEATH," as some call it. This bleak blackness hovers especially over landscapes without any vegetation, and over swampy regions. Swamps have a peculiar bearing on DOR effects. Swamps are basically accumulations of stagnant water which enhance decay processes and are the opposite of fresh running brook or river water which counteracts decay. They are distinguished by the absence or presence, respectively, of orgonotic metabolism. Everything still remains to be carefully investigated in this realm. We are only breaking trail for a first over-all orientation.

The lack of luster can be understood in terms of some *reduction of orgonotic pulsation and metabolism in plants and animals*. This seems to be confirmed by the fact that at the lake surfaces orgonotic pulsation also ceases; the water becomes calm and motionless.

A DOR-cloud is usually surrounded by normal atmospheric OR activity, such as *blueness* of the mountain ranges, sparkling of the sunny atmosphere, greenness of the trees. One cannot help but feel that natural cosmic OR energy retracts from the "evil," "bleak," "black," "lifeless" DOR-cloud and lets it pass. Observations made at night show luminous OR surrounding and fighting the lusterless DOR-clouds. In daytime the mountains appear *black* while losing the normal blue-gray orgone energy color. The emotional impression here again is "sadness." The color of the mountain ranges is now somehow "dirty," or blackish with a *purple* tint. After the passing of the DOR-cloud, the intense blue-gray "haze" returns. We learned to realize exactly when normal OR activity replaces again the nauseating DOR blackness.

3. Bio-energetic Distress in Human Beings

People react to the DOR-clouds with rather grave distress. Many do not know or cannot explain what happens to them. They call it "heat," or "some atom dust," or just "bad air." Some are biologically insensitive to a degree which puzzles the organomist. There are others who *know* the deadly quality of these clouds, not intellectually, but rather with their *First, Orgonotic Sense*. "There is something wrong in the air," one hears them say, or, "Something is going on somewhere," a statement expressing awareness together with suspicion. "I cannot get any air," or, "It hits me like a brick when I enter my shop in the morning," etc. In some cases one must persist in asking the same question over and over until the answer creeps to the surface from a frightened or bewildered mind: "Yes, if you want to know, I feel it sometimes like something closing in on my face, like a wall, but I cannot really feel it, you know; and then I get that bad headache of mine," or, "My sinuses are going bad . . .," etc. etc.

If they are not completely dead emotionally, i.e., far below the normal bio-energetic level of functioning, people are usually aware of the "*changes in the weather*," too; in vegetation and in the "*general feel*" of things. In the early spring, already in the middle of April, 1952, the buds were coming out in the Rangeley region. People did not quite dare to admit such an astonishing fact, since buds are not expected there before the end of May. Remarks in the beginning of June about the peculiar "black" clouds that were coming from the west and for some peculiar reason remained "stuck," as it were, over Orgonon, were frequent. Also, the lushness of the vegetation was duly acknowledged and generally appreciated.

4. Geiger Counter Reactions

The reactions of the Geiger counter to the DOR-clouds deserves special attention. At this point, only a few basic phenomena should be mentioned:

During the passage of DOR-clouds over a certain region, the GM counter will act in peculiar, extraordinary ways. When these reactions were seen for the first time during the early spring of 1951, they were dismissed as "only" or "nothing but" failure of the batteries. Since then, we learned to respect these "failures" and to read their meaning to a sufficient degree to form reliable opinions

about the atmospheric conditions before, during and after the passage of DOR-clouds. It is advisable to distinguish the "disorders" of the GM counter as follows:

a. "JAMMING": The portable GM counter (SU-5, Tracerlab) will "race" to the limit of 100,000 CPM or 20 MR/H.

b. "FAILING" or "FADING": The counts will drop again rapidly until they will sink beneath the normal background count of 30-40 CPM. The needle will remain at 5 or 10 CPM or it will point to Zero with the range 100 CPM turned on. This will happen in an extremely highly charged atmosphere.

c. "JAMMING" as well as "FADING" may occur each by itself in a very high OR atmosphere. Sometimes the fading is preceded by jamming. One also sees rather frequently the GM set in with the normal background reaction of 30 to 50 CPM, and then, after a minute or two, start racing toward the higher or even the highest possible counts, which would cause alarm in any atomic plant. The details of these functions are as yet unknown. But it would appear reasonable to assume that *Fading*, *Jamming* and *Racing* are all variants of one and the same basic disorder: OVERCHARGE of the GM counter tube. To repeat: The pointer will not move at all: FAILING; or it may fail after an initial normal count: FADING. It may rush to abnormally high values: RACING, instantly or after a brief period of normal reaction. It may race to the highest possible count and beyond and then get stuck there with or without subsequent fading, i.e., JAMMING.

These distinctions are naturally subject to corrections and to further detailed interpretation.

d. *The "ERRATIC" GM Counter*: During the passage of DOR-clouds, one can, furthermore, observe a type of behavior on the portable GM as if, psychologically speaking, the GM counter had become "nervous" and could not make up its mind, as it were, whether to race, to fade or to jam. In such cases, one sees the needle start in with the normal 30 to 40 CPM; then it races, say, to 500 CPM, drops thereafter slowly, in the fading manner, to 100 and further to 70, only to start racing again to 10,000 or even 30,000 CPM; eventually this is followed by still higher "erratic" oscillations back and forth between 10,000 and 100,000; it may end in jamming or complete fading.

These few distinctions in the disorderly behavior of the GM portable counter may suffice. It should be noticed, however, that

GM counters which are enclosed in *plastic* material will most likely only fade or fail; this is so, to judge from only one single observation with a new plastic-covered GM counter, because plastic material absorbs OR avidly without reflecting the OR energy. This observation requires further elaboration and confirmation.

In the beginning, during March and April, 1952, we were under the impression that the DOR-clouds coming from the west, originated from atomic blasts in the western United States. However, it was later ascertained that there were no atomic detonations in the USA in March, 1952. Thus, the origin of the DOR-clouds remains a mystery to this date. The onset of the disaster at Orgonon soon after the tornado struck in the West, March 21, 1952, centered our attention on the possibility that we were dealing with some very obscure *cosmic events*.

The DOR emergency at Orgonon worsened quickly during April. Emotional and physical distress became unbearable, and it was now a matter of survival to remove the black DOR accumulations that hovered ever more frequently over Orgonon. An inconspicuous, long-neglected observation came to the rescue:

Far back in 1940, when the atmospheric OR energy had been seen for the first time at Mooselookmeguntic Lake in the Rangeley region through long metal pipes, casual pointing of some pipes at the surface of the lake seemed to affect the movement of the waves. This appeared quite incredible at that early period of OR research; the matter was abandoned and soon forgotten. However, the incredible effect of metal pipes upon energy motion such as waves, seemed to have lingered on in my mind over all these dozen years. When the suffering from DOR became unbearable at Orgonon late in April, a few metal pipes, 9 to 12 feet long and 1½ inch in diameter, were directed toward the black DOR concentrations overhead, and connected through BX cables to a deep well.

The effect was instantaneous: The black DOR-clouds began to shrink. And when the pipes were pointed *against* the OR energy flow, i.e., toward the west, a breeze west to east would set in after a few minutes "DRAW," as we came to call this operation; fresh, blue-gray OR energy moved in where the nauseating DOR-clouds had been a short while before. Soon we learned that rain clouds, too, could be influenced, increased and diminished as well as moved, by operating these pipes in certain well-defined ways.

From the first hesitating attempts to end the emergency at

Orgonon, more systematic experiments in the creation and destruction of clouds, as well as rain-making and stopping of rain began to develop successfully over several months, till the first two C.O.R.E. "CLOUDBUSTER" units were finally constructed at Portland, Maine, in September-October, 1952, for more elaborate CORE operations.

In the following pages only the basic principles of "CLOUDBUSTING" will be presented. A detailed presentation of the technical aspects will follow in a broader context of Cosmic Orgone Engineering (C.O.R.E.).

II. THE PRINCIPLES OF "CLOUD-BUSTING"

1. "Cloud-Busting"

The term "Cloud-Busting," as used in this paper, shall denote all engineering techniques which deal with the destruction as well as the *formation* of clouds of water vapor in the atmosphere and of orgone energy concentrations of all kinds including gravity; briefly, with all phenomena which are related to or derive from atmospheric changes of climate including weather, humidity, amount of rainfall per unit of time, storms, hurricanes, "DOR-clouds," ORANUR functions in the atmosphere, atmospheric OR energy changes of all kinds, the origin of deserts as well as of areas of green vegetation, and all similar functions which depend on the presence or absence, on the scarcity or plentifulness of OR energy, oxygen, water vapor, rain, sun and wind and their interaction.

2. Technological Use of the "Orgonomic Potential"

The "orgonomic potential" denotes all functions in nature which depend on the flow of cosmic energy, or potential, from LOW TO HIGH or from WEAKER TO STRONGER SYSTEMS. Thus the orgonomic potential is the basis of and functions contrary to the mechanical potential, heat, electromagnetic energy, mechanical potential of position, etc. The orgonomic potential is most clearly expressed in the maintenance in most animals on this planet of a temperature higher than that of the environment, and in the function of *gravitational attraction*. In both cases, the stronger energy system draws energy from or attracts a weaker system nearby; in both cases the *potential is directed from low to high*, or from *weak to strong*. Gravitation obviously functions on this basis.

The technique of cloud-busting is to a very large extent, if not wholly, based on the technological use of the organomic potential as it governs the OR energy functions of the atmosphere.

The technological use of the organomic potential can be divided, basically, into two major groups:

A. INCREASE of the OR potential:

In this case we *concentrate* OR energy and *build up* a steeper or stronger OR potential. This will have entirely different effects than

B. DECREASE of the OR potential:

In this case we *disperse* or *dissipate* OR energy; we *lower* the potential difference and create a tendency toward more or less equal distribution of the OR energy in the atmospheric OR energy envelope of the planet. We act in the direction of the mechanical potential.

Rain clouds, thunder clouds, hurricanes and tornadoes are, seen from the viewpoint of organomy, different expressions of basically one and the same function, i.e., *combinations of concentrated OR energy streams and water vapors*. On the intensity, direction, location and similar conditions related to the combination of water and OR energy ($H_2O \mp OR$) many atmospheric conditions depend; most of these conditions still await detailed study and logical comprehension.

However, the two basic principles of cloud-busting, *increase* and *decrease* of the OR potential, suffice at the moment to make their technological use comprehensible.

If we wish to *destroy* clouds we must use the organomic potential in such a manner that the potential *decreases*.

If we wish to create clouds or to increase the power of existing clouds, we must use the OR potential in such a manner that the potential between clouds and their immediate environment *increases*.

In order to execute these two basic principles in a satisfactory manner, we must, logically, construct and use a device which is capable of adding OR energy to the atmospheric OR energy envelope; or, we must construct a device which will DRAW ENERGY FROM THE OR ENVELOPE in such a manner that the affected region *loses* certain amounts of energy to other regions, thus changing the atmospheric energy concentrations.

Since at present, adding energy to the atmosphere is not yet possible, we must use the other principle, that of DRAWING ENERGY FROM THE ATMOSPHERE.

3. Drawing Off Atmospheric OR Energy

In order to draw off atmospheric OR energy, we must accomplish two tasks: a) we must use a device which *draws* OR energy; b) we must know into what place to draw this energy.

This is accomplished by changing, basically, the principle of the functioning of the LIGHTNING ROD:

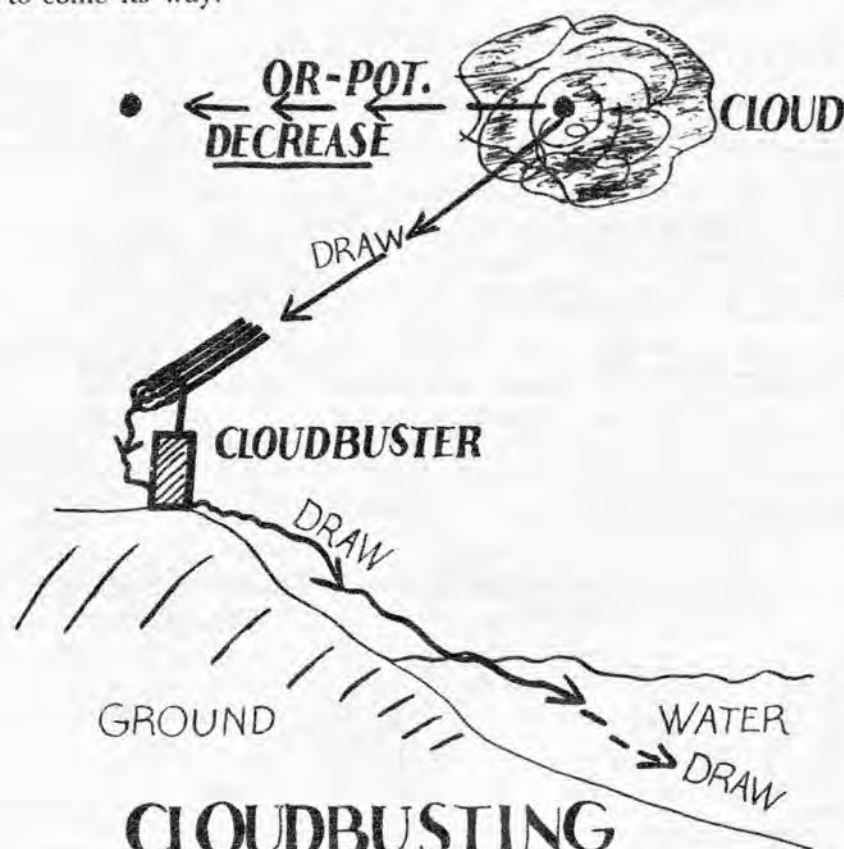
The lightning rod, too, functions according to OR energy principles, since "lightning" is atmospheric OR energy discharge in a very narrow space. The pointed rod, reaching into the atmosphere, attracts the lightning discharge and conducts it through heavy wires into the ground. This lightning rod system functions according to *organomic*, and not according to electrical principles: In the lightning rod system, the atmospheric charge is drawn *from* the atmosphere *toward* the point of the rod and further toward the earth's crust. It is, thus, the *organomic* potential *from weak to strong* which is operative also in the case of the lightning rod. If the electrical potential from high to low were operative in the lightning rod system, the direction of flow would necessarily be the reverse, from the earth's crust toward the atmosphere; the energy would stream off and *away* from the point of the lightning rod.

Cloud-busting operates in *agreement* with the functioning of the lightning rod, only if we put *both* functions, cloud-busting and lightning rod, on the common functional basis of the OR potential.

Cloud-busting *deviates* from the lightning rod principle in four ways: (1) Its purpose is not to draw and to ground bolts of lightning, but to *draw* OR *energy charges* out of atmosphere and clouds. In doing so, it deals with the same kind of force as in the lightning, with one important difference: *The cloud-buster draws the charges slowly, in small amounts at a time, dispersed*, as it were, in time as well as in concentration, and not in the form of sudden lightning. It does so by way (2) of long, *hollow pipes*, and not of solid steel rods.

The pipes, any number of them, and any length beyond a minimum of about 4 meters or 10 feet used in our first cloud-busting experiments, have the function (3) of *triggering the atmospheric OR energy flow into certain directions*. The function of the pipes

is fulfilled with this triggering of directional flow. Once the OR energy flow is directed at will, it continues to flow in the same direction, until another natural or artificial stimulus changes it again. The lightning rod, on the other hand, is not intended to direct OR energy flow. It only functions as a conductor toward the ground IN CASE concentrated OR energy discharge, i.e., lightning, happens to come its way.



CLOUDBUSTING

Destruction of Clouds
through DECREASE of OR-POTENTIAL

FIGURE 4.

(4) *The OR charges are drawn (not into the ground but) into WATER, preferably into flowing water of brooks, flowing lakes and rivers. We draw into water since the attraction is greater between water and OR energy than between other elements and OR energy. Water not only attracts OR speedily but it also holds it, as especially in clouds. We thus have the above picture of the process of cloud-busting:*

This sketch depicts the *principle* of cloud destruction only. It does not suffice to enable the technician to destroy all existent types of clouds. This remains a task of future experimentation in cosmic engineering, to be solved in many ways, in various regions of the globe, with various models of cloud-busters (various as to number, length and width of pipes, direction of draw, size of clouds, maturity of our experience, etc.). The principle, however, may be described as basically complete:

ONE DISSIPATES CLOUDS OF WATER VAPOR BY WITHDRAWING, ACCORDING TO THE ORGONOMIC POTENTIAL, ATMOSPHERIC (COSMIC) OR ENERGY FROM THE CENTER OF THE CLOUD. THIS WEAKENS THE COHESIVE POWER OF THE CLOUD: THERE WILL BE *LESS* ENERGY TO CARRY THE WATER VAPORS, AND THE CLOUDS NECESSARILY MUST DISSIPATE. THE ORGONOMIC POTENTIAL BETWEEN CLOUD AND ITS ENVIRONMENT IS LOWERED.

4. The Creation of Clouds

The principle used in the *creation* of clouds is the same as that in the destruction of clouds: the orgonomic potential from low to high. However, while in the destruction of clouds we draw off energy from the cloud proper, we draw ENERGY from THE CLOSE VICINITY OF THE CLOUD IF WE WISH TO ENLARGE EXISTENT CLOUDS AND TO PROCEED TOWARD RAIN-MAKING. The following chart depicts the process.

The technological experiment bears out the theoretical assumption: Clouds *dissipate* when the cloud-buster pipes are aimed at the *center*; they *grow* when we aim at the close vicinity in the *cloud-free sky*.

One may create clouds in the cloud-free sky in a certain manner, by *disturbing the evenness in the distribution of the atmospheric OR energy*; thus clouds appear upon drawing energy from the air. The more clouds that are present and the heavier the clouds, the easier it is to induce growth of clouds and finally rain.

The fewer clouds, the more difficult it is and the longer it takes until the clouds give up their water. Practically, a rather sharp distinction exists between rain-making in a *cloudy* as against a cloud-free sky.

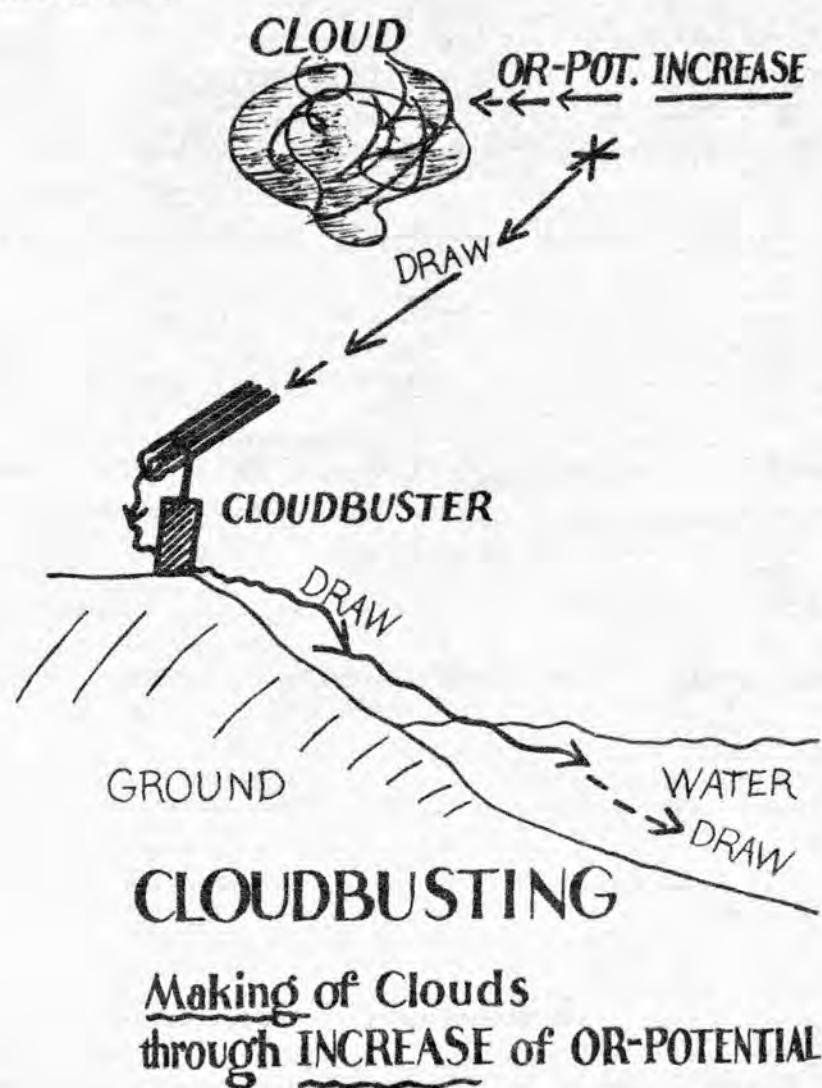


FIGURE 5.

No matter what the variations, the principle remains the same as described: Drawing from an existent cloud destroys the cloud. Drawing from its vicinity makes it grow.

It is necessary to stop at this point. Strong reactions to cloud-busting in Rangeley, Maine, have been observed in distant regions (Boston); such influence on far-away regions is due to the continuity of the or envelope; the details will require extensive and careful study. We have always been cautious not to overdo while cloud-busting, since small twisters and rapid changes of winds have been observed beyond any reasonable doubt. Also, on one occasion, heavy, prolonged rain occurred upon faulty operation.

Cloud-busting as a task of *Cosmic or Engineering* will by far transcend the facilities and potentialities of any single institution and even state or country. Cloud-busting is truly an international affair with no regard for national borders. There are neither passport controls nor custom officers in the sky where the weather is being made. This is good and as it should be in *Cosmic or Engineering* (C.O.R.E.).

LAWFUL REGULATION OF CLOUD-BUSTING WILL PROVE INDISPENSABLE IF CHAOS IS TO BE AVOIDED.

III. FOG-LIFTING

When it had been safely secured that the orgonomic potential was satisfactorily operating in removing the nauseating dor clouds over Orgonon, and in breaking as well as making of rain clouds, a new problem of CORE presented itself:

It was late in summer 1952; the autumn and winter with fogs and snowstorms were just ahead of us. *Would it be possible to lift dense fog to the extent of letting the sun shine over a certain region?* In the present communication we shall only deal with the LIFTING OF FOG. The experiments with fog-lifting were conducted from October to December, 1952, at Orgonon, Maine, and are being continued.

The following photograph presents the First Cloudbuster, built by the *Southworth Machine Company* in Portland, Maine, in 1952. Earlier, a much more primitive device was constructed and operated at Orgonon.

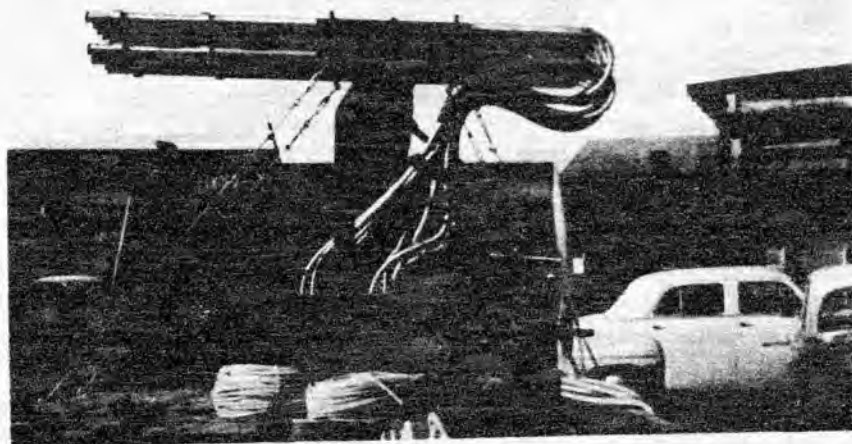


FIGURE 5a. THE CLOUDBUSTER MOUNTED ON TRUCK WITH TELESCOPED DRAW PIPES.

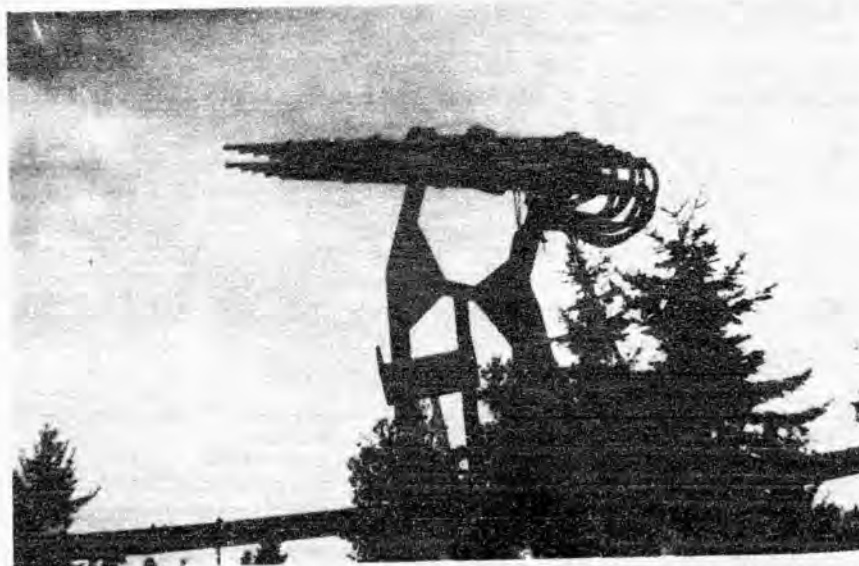


FIGURE 5b. THE CLOUDBUSTER MOUNTED ON A PLATFORM WITH DRAW TUBES EXTENDED.

The "Spiral Draw" in Fog-lifting

The task of fog-lifting is accomplished by way of the so-called "Spiral Draw." In order to understand its functioning, one should return to the basic principles on which cloudbusting rests as a total operation. To repeat:

The OR energy envelope of the earth planet moves, under normal conditions, from the *west toward the east*, in accordance with the direction of the daily rotation of the globe, *faster* than the surface of the earth. Accordingly, any operation which is intended to bring in fresh OR energy supply from the west, such as is the case in DOR removal, will use the west to east direction of the movement of the OR energy envelope as the principle of its operation: IN ORDER TO BRING IN FRESH OR ENERGY, ONE MUST DRAW FROM THE WEST, i.e., POINTING THE FRONT ENDS OF THE PIPES TOWARD THE WEST low above the horizon. It naturally depends upon the climate and the weather conditions as to how long one must draw to achieve the result of moving the pertinent part of the OR envelope *faster* from west to east. In the region of Orgonon, 5 to 15 minutes will suffice to remove a DOR cloud toward the East by drawing fresh OR energy from the West. Once the surrounding hills and valleys become blue-gray again, the task is accomplished. Too long extended draw will certainly cause severe rain from the west, and strong winds up to storm strength.

In the making and breaking of clouds, we use the principle of the "orgonomic potential" from low to high.

Fog lifting requires a combination of, and a slight change in, both these principles. Fog lifting would lead to rain instead, if we were drawing in one or another direction only. If fog covers large areas, it is doubtful that drawing from the west alone would accomplish anything. The technological procedure is this:

Dense fog over large areas is usually *evenly* distributed. In working with foggy conditions, one has the impression (an impression only) that it is exactly the evenness and uniformity of the fog bank which constitutes its cohesion and tenacity in resisting lifting. There are *no potential differences*; it is a *static* physical state. This assumption is borne out by the operation:

To break up fog or even drizzling rain one must DISTURB THE EVENNESS OF THE DISTRIBUTION, in other words, THE ABSENCE OF POTENTIAL DIFFERENCES. ONE MUST CREATE SUCH POTENTIAL DIFFERENCES. This is accomplished by the so-called "Spiral, intermittent

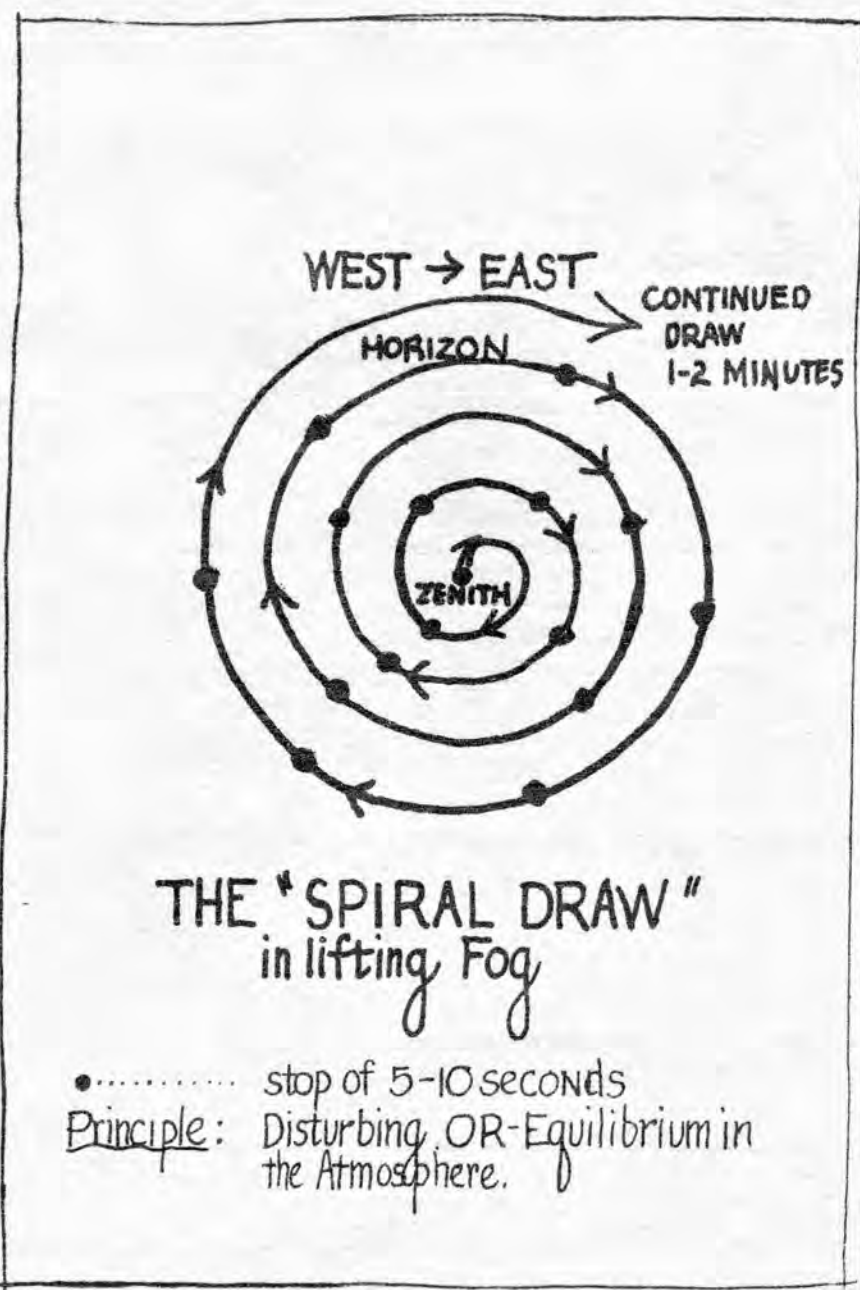


FIGURE 6.

Draw." One "drills holes," as it were, into the foggy blanket by *very brief* draws (only a few seconds each) at various points of the sky. Experiences so far teach that the so-called spiral draw operates best in the following manner:

1. Drill a hole into the zenith above you; 15 to 45 seconds.
2. Spiral very slowly downward *toward the horizon*, in an intermittent motion, i.e., with brief stops, 2 to 5 seconds each, as you spiral the sky from the zenith down toward the horizon. Seen from the ground toward the zenith, the total spiral draw looks somewhat like this:

The spiral turns may be drawn at any distance from each other. Between 4 to 8 turns will suffice in most situations.

After having accomplished the spiral draw, it is necessary to trigger, *push-like*, the west to east direction of the or flow of the planetary envelope. This west to east triggering should not last longer than about half a minute, more or less, dependent on the stillness of the or atmosphere. Too short a triggering push west to east would not suffice to accelerate the movement; too long a draw from the west easily may bring about severe rain from the east, or a squall.

Therefore, the trigger push west to east, after the spiral draw has been done, should be handled with great care and be based on much practical experience according to the region, the weather and similar circumstances.

Since all or operations are basically resting on functional, and not on mechanistic principles, they cannot be rigidly executed.

The total draw, per single draw operation, was at Orgonon, approximately 5 minutes. With heavy fog, it may be necessary to execute 2, 4 or more single draws, to achieve results. A single draw may break the fog bank and let the sun come shining through, but the fog may close in again and not budge finally until after the 4th or 5th draw.

The lifting of fog can easily be learned and operated by anyone whose orgonotic sense is unimpaired and who has some knowledge of natural weather functions. It is also obvious that the cloudbuster operations cannot be executed on the basis of the classical, thermal assumptions about the origin of the various forms of weather. The relationship of hot and cold air masses must, quite logically, be dependent upon and secondary to more basic, *energetic* functions of the Orgone envelope. The Cloud-

buster operation rests on the firm principles of the functions of the OR energy envelope of the globe.

We shall, in another communication, proceed to mention a few rules, medical and general, in handling the Cloudbuster. One must not follow the temptation to play around too much with this "toy." Cloudbusting is a very serious and highly responsible business. The importance of fog dispersal for aeronautics is obvious. So is the removal of DOR clouds. Both operations have been conducted at Orgonon by our caretaker quite on his own, without my presence or any help, and with great success. Discipline, reliance on organomic observations of the atmosphere and a well-functioning First Organotic Sense, make fog lifting a relatively easy task. However, "playing around" with the Cloudbuster to prove to oneself one's cosmic omnipotence, is only a sign of irresponsibility, if not ignorance.

CHAPTER IV

OROP DESERT PROJECT

What has been presented heretofore is closely related to the two perhaps gravest problems of humanity: *DROUGHT* and *DESERT*. As long as one dwells in forests, one must know all the little bushes and trails; one must be able to fell a tree, and one must know how to protect oneself from lightning and storm. However, once one starts flying a jet plane 30,000 feet above the Earth's surface, things begin to change their looks rapidly. The forest and the small trail and all the rest, important as they certainly are, shrink, not to insignificance, but to their proper size as viewed from high up. Here, the change of the observer's position from the *earthly* to the *cosmic* perspective is imperative if one is to comprehend the task OROP DESERT. All the specialized knowledge will easily fall into its place, once we gain the birds-eye view on the *total* problem. This, of course, is given in the nature of the task itself, governed by its own laws.

The desert problem emerged from ORANUR in the following manner:

The DOR clouds began coming in over Orgonon *en masse* during April 1952. An extensive description of their influence upon vegetation and animal life was given in chapter III. The general impression was that of an event distinctly detrimental to all kinds of life. The landscape took on the expression of desolation and dying. True, it recuperated easily as soon as the DOR cloud had passed or was removed with the Cloudbuster. In the same manner, one came close to dying through total paralysis if one happened to fall asleep in the Observatory for a few hours; one also recuperated quickly in fresh air. This was experienced on many occasions by myself and others.

The careful reader is asked to focus on this contradiction sharply. It will in due time open for us the door to the technical problems of OROP DESERT. One can easily visualize the mechanics of this peculiarity if one imagines a person choking to death in a garage full of carbon monoxide, yet recuperating when fresh air takes effect.

This is to say: There is nothing more distressing and dangerous to human life than desert, the changing of fruitful land into a dustbowl, the starving to death of whole populations, the decay of flourishing cultures due to drought. Yet, there will be, to judge from our experiments in DOR removal, comparatively little difficulty in bringing Life back into its own rights. The first condition of OROP DESERT is exact understanding of the OR energy functions involved in the origin of deserts.

To return to our main line of thoughts: It was soon obvious that we were dealing with functions of *desert development*. How to remove the DOR (which is no more than *Life Energy gone stale and stagnant*) thus became a first-rank problem. While deliberating on this problem, the Southwestern desert areas in the USA offered themselves as a perfect case to test the validity of the orgone theory regarding deserts. The basic observations on drought and the assumed influence of the sun on the currents and moisture in the atmosphere, and displacements in the atmosphere fall perfectly into place with the birds-eye view of the orgone theory if one is willing to accept the following amendments to our understanding of weather functions in general:

We must ask: *WHAT makes the atmosphere move?* And, *WHAT changes the amount of moisture and precipitation?* They do not move and change by themselves. Gaseous atmosphere and water vapor are in no way *primordial* functions of nature. *They must have developed from primordial energy functions.* They were not always there and they may disappear or change again. The presence of desert itself proves the point.

Seen from the view of the *basic, functional* law of nature, it is the cosmic OR energy which surrounds the planet in its developmental beginning that is the source and power of all motion. It is necessary to assume that it is the OR energy in the atmosphere which brings about the development of the various gaseous components of the air. And it must finally be the OR energy envelope of the globe which, at bottom, is *responsible for air movements*

and *shifts of moisture*, as it is responsible for the movement of the planet and all other movements. This is why we came to name it the PRIMAL, COSMIC energy.

If the air currents keep a predominantly west-eastern direction in unison with the direction of the earth's rotation on its axis, it is again the OR energy stream in the equatorial plane which makes both globe and atmosphere move from west to east.

According to careful observations in our region shortly before rainfall, one can clearly see, with only 60 to 100 fold magnification, the west to eastern direction of the flow of the atmospheric OR energy reversing itself to east to west, if the rain follows from the west. Once the skies clear again, usually a very strong wind from the west develops. This wind, or movement of air masses from west to east, is the result of what came to be called the "BACK-WASH," i.e., reversal to its original west to east direction of the flow of the atmospheric OR energy.

What is usually called the "influence of the sun" upon weather formation, requires the following correction: This influence is exerted by the sun through various *trigger functions* effecting the orgone energy envelope of the globe Earth. The sun does not act directly, but *indirectly* through excitation or irritation of the intermediary OR energy ocean.

With these new views in our minds, we may venture into an attempt to comprehend the dynamics of a desert like the one in the southwestern USA.

The following is no more than a suggestion. It is possibly a *useful* suggestion. It requires ample proof of its validity, and it will be abandoned should such proof not be forthcoming with honest effort. To remind the reader: We are still dealing with blueprints only, and not with finished buildings.

Let us study the relief of the western USA in figure 7 carefully with regard to the west to east equatorial OR energy stream which carries the air masses and the water vapors from the Pacific eastward.

The effect of the two nearly parallel north-south ranges of high mountains, the Sierra Nevada and the Rocky Mountains, upon the lower, rain producing layers of the OR envelope will be these:

1. Coming in from the Pacific Ocean, carrying eastward with it air rich in moisture, the equatorial OR energy stream will meet the

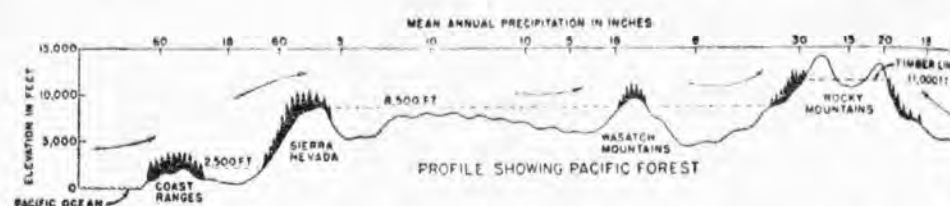


FIGURE 7. RELIEF OF WESTERN MOUNTAIN RANGES AND THE GREAT BASIN (Tannehill, DROUGHT, *Courtesy Princeton University Press*)

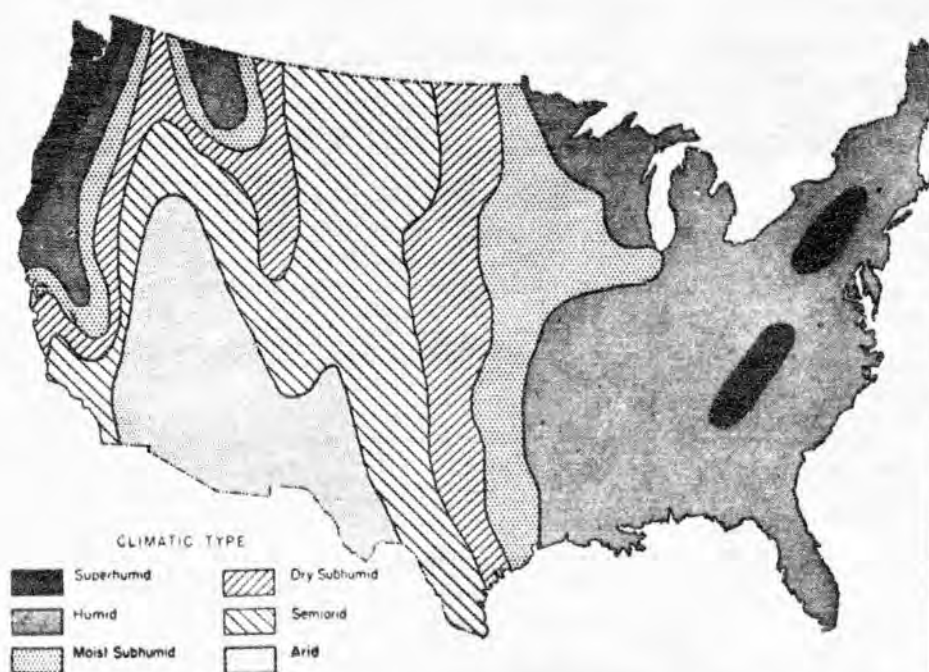


FIGURE 8. GENERALIZED NORMAL DISTRIBUTION OF THE PRINCIPAL CLIMATIC TYPES IN THE UNITED STATES (Tannehill, DROUGHT, *Courtesy Princeton University Press*)

obstacle of nearly 9,000 feet at the Sierra. Movement back westward will be easier mechanically than eastward through the mountains.

It should be kept well in mind that we are not dealing here with unbound, *mass-free* OR energy. OR energy is contained in its CARRIERS,* the atmospheric gases and water vapors. In order to penetrate the mountain range, the flow of OR energy would have to separate itself from its carriers, since only *mass-free* OR energy could penetrate the solid matter of rocks. Thus it comes about that the OR energy remains bound up with its carriers. The westward flow coincides with the natural direction of OR flow before rain sets in from the west, in this case from the Pacific Ocean.

It follows from some observations that a rather high concentration of OR energy is required to attract huge amounts of moisture and to concentrate them into rain clouds. We know the higher the potential due to concentration the faster its growth. And, vice versa, the lower the concentration, the more even is the OR energy distribution, the smaller will be the OR potential, and the weaker its power to attract and to hold water vapor; the less likely will there be rainfall in abundance.

2. The western slopes of the Sierras are rich in rainfall, while the eastern slopes, quite suddenly, as it were, become dry and arid. *The easterly located desert region, the Great Basin, begins thus with the first obstacle to the flow of OR energy and its eastward carriers.*

For a stretch of about 500 miles to the east there is desert with little rain or vegetation. If we again apply our orgonomic potential to this situation, we can see that the OR energy in the atmosphere is more evenly distributed due to lack of moisture as a carrier. Concentration of OR and growing of clouds into widespread, heavily laden rain clouds is not easily possible. The meteorological observations show that heavy thunder-showers start around the high mountain peaks where the moisture-carrying OR energy can pass over the top of the peaks. But the lower layers of the atmosphere remain arid. (See Tannehill, DROUGHT, p. 63.)

The following chart, taken from Tannehill's book on drought, presents the average distribution of rainfall in the southwestern USA.

* The term "carrier" will acquire concrete functional meaning in connection with the elaboration of ORENE.

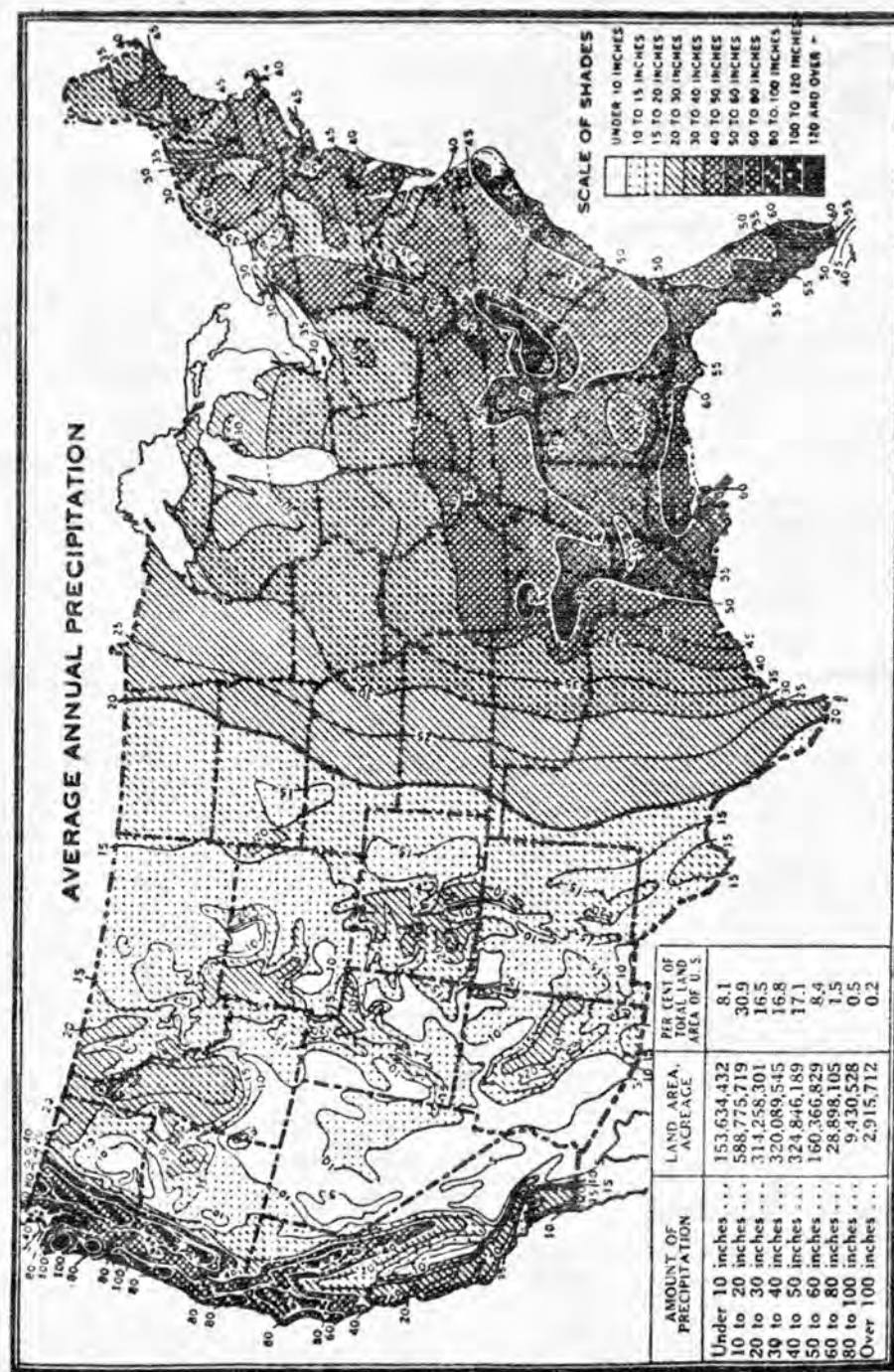


FIGURE 9. AVERAGE ANNUAL RAINFALL IN THE UNITED STATES, INCLUDING MELTED SNOW MEASUREMENTS.

MOUNTAINS IMPEDE OR STREAMS

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3. The eastern slopes of the Rocky Mountains and the Great Plains adjoining them to the east, have not only much rainfall, but are also subject to an unusual prevalence of floods, tornadoes, twisters and other kinds of atmospheric disturbances which all bear the earmarks of cosmic energy effects.

Let us first consider the situation to the east of the Rocky Mountains, with respect to the or potential. The rain does not come over the mountains from the west or even from the Pacific. This western rain drive is held up already at the Sierras and in the arid regions between the Sierras and the Rockies. *The rain east of the Rockies does come from the eastern areas of the USA.*

As usual, rain in the west is caused by a reversal of the or energy flow from west to east to east to west. The schematic drawing in Figure 10 below shows that the reversed, east to west flow of or energy *rebounces*, as it were, *from the eastern slopes of the Rocky Mountains, eastward* again. It carries its great moisture contents first westward, NOT REACHING INTO THE DESERT OVER THE MOUNTAIN PEAKS, and then reverses its course back eastward toward the Atlantic Ocean. Thus, a high concentration of moisture results which feeds the agricultural riches of the Great Plains to the point of flood disasters. The tornadoes which happen here so frequently require still another point of view for their comprehension.

From the orgonomic considerations of the past few pages follows logically the conclusion:

IF IT WERE POSSIBLE TO DRAW OR ENERGY AND MOISTURE OVER THE SIERRAS INTO THE DESERT AND FROM HERE OVER THE ROCKY MOUNTAINS, THE DESERT REGION IN THE USA COULD BE CHANGED INTO FRUIT-GROWING COUNTRY.

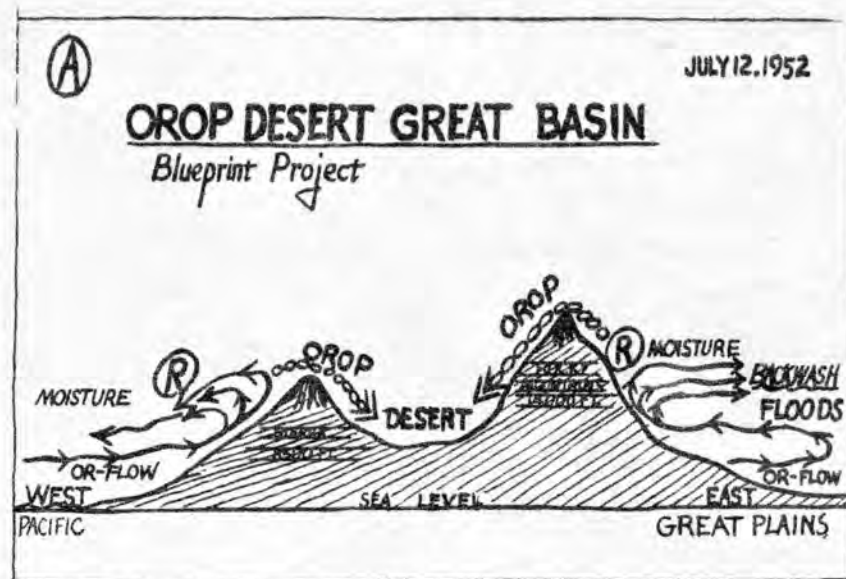


FIGURE 10. PROPOSITION: OROP DESERT, Southwest USA.
Another possibility would be drawing in moisture from the Gulf of California northward into the desert.

A challenging task indeed! And one, too, which would serve as a first test in the training for far greater tasks such as fructification of other desert lands, India, Sahara, the Near East.

OROP DESERT was conceived on July 7, 1952. During this very same summer, the first practical steps were taken in a rather crude form by drawing DOR away from Orgonon and the Rangeley region in various places and with a wide range of various results. It was good experimentation in which one made many stupid mistakes; mistakes, which were, as usual in serious research, the best guideposts to truly gratifying results.

In consequence of these first CLOUDBUSTER experiments, finally the first serious drought of many weeks duration was broken in New England on August 1st and 2nd, 1952.

On August 11th, 1952, a first, inconclusive confirmation was obtained for the hypothesis of OROP DESERT.

It rained heavily at Orgonon for two days, August 8th and 9th, after the drought had been broken on August 2nd. (See below.) However, at Eustis Ridge, only 26 miles away to the north,

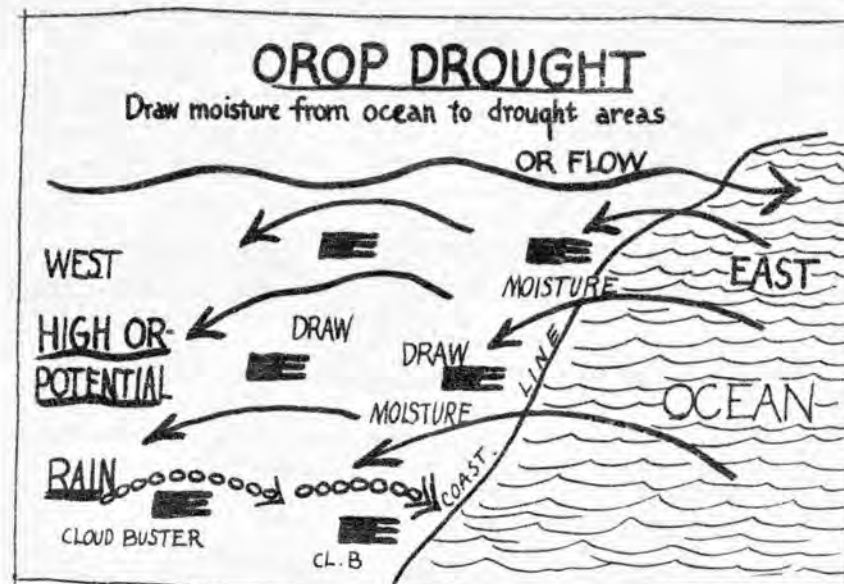


FIGURE 11. Proposition FOR COMBAT OF DESERT NEAR OCEAN TO EAST.

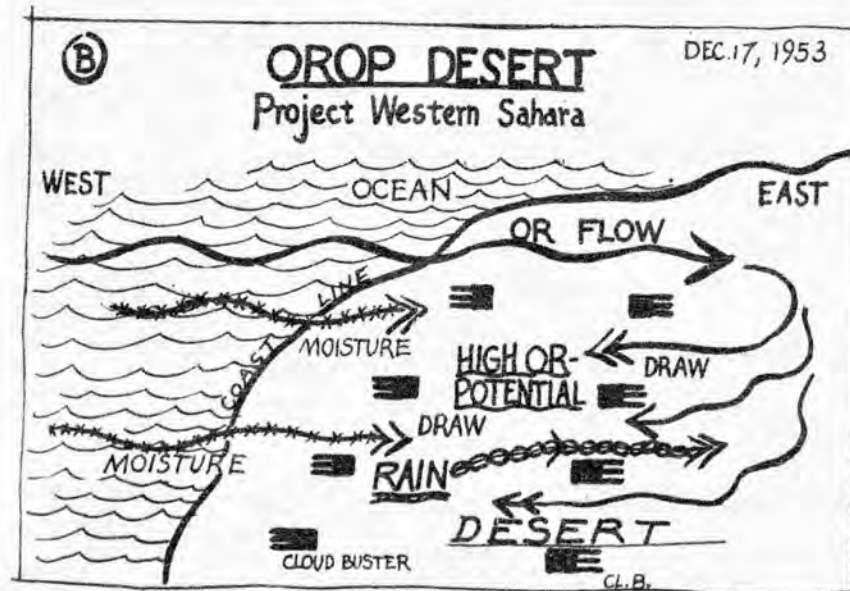


FIGURE 12. Proposition FOR COMBAT OF DESERT NEAR OCEAN TO WEST.

it had not rained at all. I asked the farmer, Mr. Armstrong, since deceased, whether he thought it possible that the mountain range between Rangeley and Stratton-Eustis Ridge had held up the rain. He agreed and stated that this was a well-known fact to farmers.

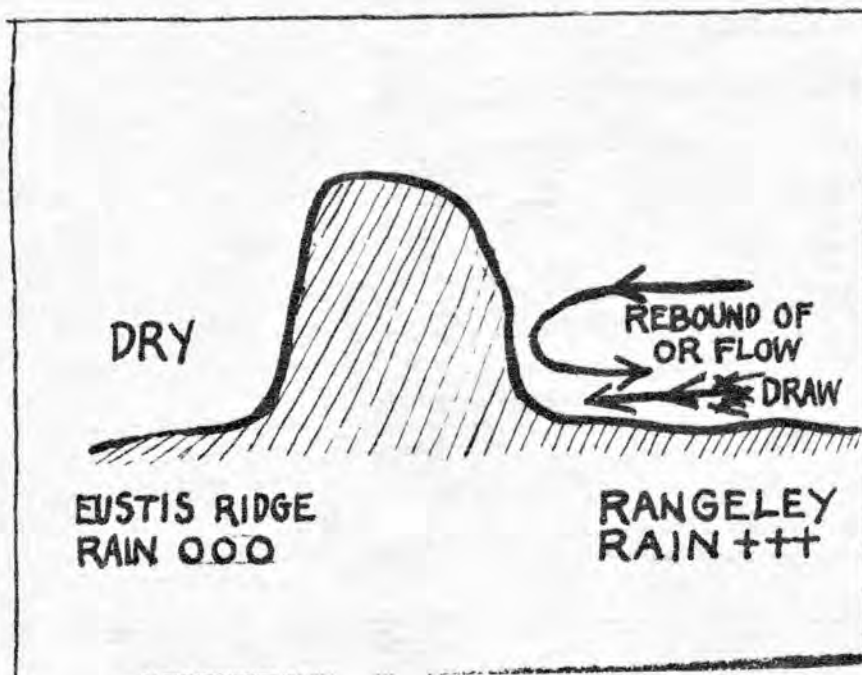


FIGURE 13. MT. BIGELOW GROUP SEPARATES THE SOUTHERLY RANGELEY REGION FROM THE NORTHERLY EUSTIS REGION.

CHAPTER V

OROP RANGELEY, AUGUST 1-2, 1952

1. UNDERSTANDING DROUGHT CLOUDS

Breaking of drought by means of changes induced in the various potentials of the atmospheric or energy aims at rain to fall in certain areas. This is a very young art indeed, not more than three years old. Still, the experiences made during these three years (1952-1954) were rich in yielding new facts; they open up a birds-eye view on *Cosmic or Engineering (CORE)* in understanding some of the basic mechanisms of Drought, Rainmaking and Desert development. The most important vehicle of getting ahead in this as in any other field of human knowledge is *knowing the reasons for failure or success*. In some cases it is difficult to convince the student or young operator that *one's mistakes are the true signposts of learning how to advance*.

The following discussion is designed to help the student of Cosmic Engineering to become conscious of *what* he is doing and *why*. There is nothing more destructive to one's own learning and professional perfection than playing around with cloudbusting only in order to enjoy the feeling of one's great power over cosmic forces. It is true, one can induce grave changes in the cosmic or energy ocean. This is as easy as speaking into a microphone in Los Angeles and being instantly heard in New York. This accomplishment however is due to the great irritability and sensitivity of the cosmic or energy ocean, and not to the greatness of the speaker. In Cloudbusting, the dangers are much graver, indeed, than in radio speeches. Twisters, sudden and unexpected changes of wind direction, severe gusts and similar effects are to be expected in the most carefully executed operations. The CORE effects can reach very far, to 300 miles and more with *one* cloudbuster alone. It all depends on *knowing* what one is doing and *why*. In the beginning, great care in not over-reaching the safe limit is of

crucial importance. Whoever knows the dynamics of the OR energy will not fail to be over-cautious rather than "daring." One can easily recognize the ignoramus in his playful, senseless overdoing, showing off, "demonstrating" cloudbusting. The effects are so easily obtained that we must guard against this menace from the very beginning.

The shape, character and functioning of drought clouds became clear during the first weeks of the grave DOR emergency in April and May 1952. This happened in the following manner:

Clouds which drifted in from the west towards the region above the OR Energy Observatory changed their shape and color. Coming in white or gray-white, they had over Orgonon a steel-gray, "dirty"-looking appearance. They also lost their typical shape characterized by a great variety of forms; they became mechanically quadrangular, sharp-edged, as it were. Furthermore, they seemed to hover over the Observatory building for hours on end, not moving onward toward the east. Thus, after several weeks of careful observation, it became possible to recognize these clouds by their mechanical edginess, their dirty, steel-gray color and their hovering over Orgonon. In the beginning, it was incomprehensible what it was that made these clouds change their shape. Later on, when the thunder-storm season was at hand, another observation brought some understanding to these functions; they were finally comprehended in 1953.

During the summer of 1952, not a single thunder cloud passed over Orgonon. There was no thunderstorm or lightning over the Rangeley region. All "thunderheads" which came in from the west either parted their way to north and south of Orgonon, several miles apart, or they dissolved into fuzzy looking, incoherent, shred-like pieces of formerly impressive, heavy and dark-blue thunderheads. People in Rangeley observed this strange phenomenon all through the summer of 1952 until late autumn. Only a few thunderstorms passed in the vicinity of Orgonon in 1953; none passed directly overhead.

The clouds dispersed easily; they did not seem to be able to hold together. (See figure 14.) The thin, shreddy pieces were, as we learned later, of the same kind as true drought clouds. From then onward it was easy to predict reduction in rainfall and later also drought. To diagnose drought in advance however, did not develop further during 1952, until late in August, after several

attempts with the cloudbuster failed to create clouds or to make existent clouds grow heavy with water vapor.



FIGURE 14. DISSIPATION OF CLOUDS ("fuzziness") IN THE DOR FIELD ABOVE THE OR ENERGY OBSERVATORY, 1952.

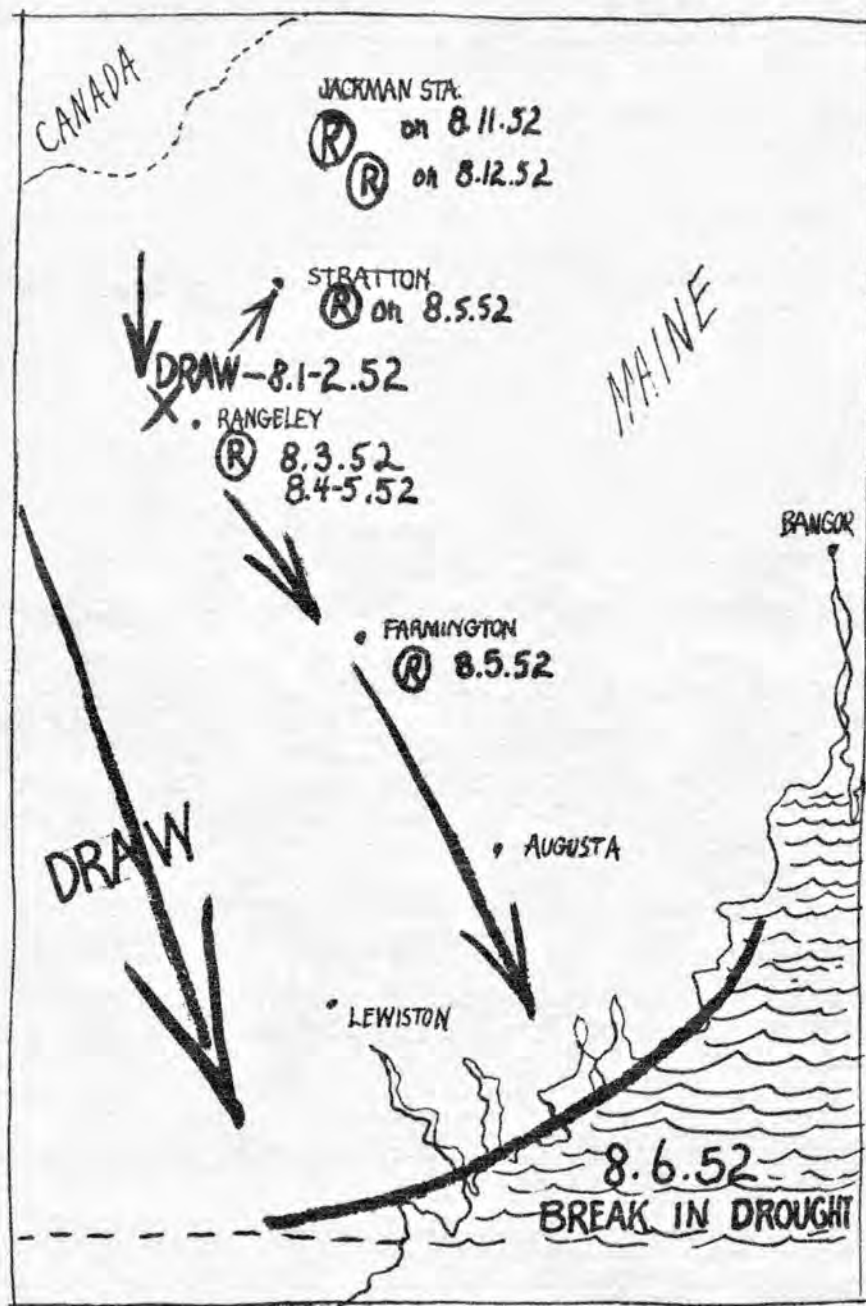


FIGURE 15.

2. FIRST BREAKING OF DROUGHT

Not until the cause of the dissipation of clouds and their droughty appearance were comprehended, did producing rain in a predictable manner become possible. The breaking of the severe drought of July 1952, engineered on August 1st and 2nd, was, to my knowledge, the first of such kind in the history of natural science. On that August 1st and 2nd, 1952, with the help of two operators, Mr. Thomas Ross and Mr. William Moise, I knew for the first time *what* I was doing and *why*. We used a crude contraption, eight copper pipes, mounted on a wooden supporting arrangement put on a truck platform.

At this "OROP RANGELEY" which took place at a bridge south-east of Rangeley, I prolonged the former 15 to 30 minutes of cautious pointing of tubes toward the sky ("drawing") into a full 80 minutes DRAW. I drew from nearly exactly opposite the direction to where I intended to direct the atmospheric OR energy stream. The goal was to build up a strong organomic potential at the Atlantic coast to the south-east.

Here for the first time, *MOVING THE TUBES* with drawing movements and using the zenith too, to lower its potential, was employed.

The atmosphere over the Observatory was highly active organotically. In terms of orgone physics: *The atmosphere was highly excited and discharged every single accumulation of charges right away.* The OR potential over the Observatory was much higher than even the potential of the approaching clouds. *Their OR energy was withdrawn from them as they approached; the water content could not be held together in large masses; DISPERSIVE, EXPANSIVE AND DISCHARGING FUNCTIONS IN THE ATMOSPHERE PRE-*

FIGURE 15. COPY OF MAP USED IN BREAKING THE DROUGHT, NEW ENGLAND, AUGUST 1952, ON AUGUST 1ST AND 2ND, AT RANGELEY FROM NNW. THE RAIN STARTED AUGUST 3RD IN RANGELEY, PROCEEDED TO AND REACHED FARMINGTON ON AUGUST 5TH, 9 AM, AND REACHED THE COAST ON AUGUST 6TH, 1952. TO THE NORTH, THE SPREADING OF RAIN FROM RANGELEY WAS MUCH LESS FORCEFUL, SINCE IT OCCURRED OPPOSITE TO THE DIRECTION OF THE DRAW. IT TOOK THREE DAYS FOR THE RAIN TO REACH STRATTON, AND 10 DAYS TO REACH THE REGION OF JACKMAN.

VAILED BY FAR OVER THE CONTRACTING, ACCUMULATING AND CHARGING FUNCTIONS. THIS PREVALENCE OF EXPANSIVE DISSIPATION OF OR ENERGY CONSTITUTES THE DYNAMICS OF DROUGHT CLOUDS: RAINFALL BECOMES IMPOSSIBLE OR HIGHLY INSUFFICIENT.

The withdrawal of OR energy from clouds resulting in dissipation of the water vapor should be distinguished from the withdrawal of *water vapor* from clouds by DOR present in the atmosphere, also resulting in dissipation of clouds. Cloudseeding seems to immobilize the OR energy in the clouds resulting in the dropping out of water which no longer can be suspended.

3. RAINMAKING

Obviously, rainmaking depends on the possibilities at hand *to reverse the functional conditions that lead to the drought*. These conditions are typical for every kind of drought (DOR clouds, fuzzy clouds, strong dehydration of air and soil, prevalent even dissipation and expansive force of OR); there are also special conditions, specific for the drought area in question. It is, for instance, much easier to break a drought in the vicinity of an ocean than inland.

The functions opposite of drought that lead to rain are the following:

1. Strengthening of the cohesive function of existent clouds.
2. Creation of clouds in cloudless, droughty skies.
3. Prevention of dissipation of newly created clouds.
4. Directing the OR energy stream in such a manner that the clouds grow and unite into ever greater units.
5. Drawing in moisture from oceans.
6. Repeating CORE operations in such a manner, and as often as necessary, to force the clouds to grow until finally they pour out their water content, due to prevalence of water content over carrying OR energy.
7. Guarding against overdoing, so that no major disaster may take place in consequence of OROP rain.

There are many more points to be mentioned. However, it is necessary first to get thoroughly acquainted with the above-mentioned basic tenets. They had become clear by the end of the year 1952; they were practically operable at the OROP DROUGHT which took place at Ellsworth near Bar Harbor, Maine, on July 6th, 1953, upon invitation by two fruit-growers.

CHAPTER VI

OROP ELLSWORTH, JULY 5, 6, 1953

This operation was based on the already well-known fact that the atmospheric OR energy flows basically from west to east, in accordance with, but faster than the rate of rotation of the globe. If one intends to cause rain to fall in a certain region with prevalent west to east flow of OR energy, one must draw predominantly AGAINST this direction, that is FROM EAST TO WEST. In this manner, one causes a reversal of the OR energy stream; in consequence thereof a concentration of OR energy with a higher potential will be established *to the west* of the place of the intended rainfall. In the successful operation, the rain will concentrate in the west and will sooner or later follow the normal course of the west to east flow of OR energy, thus coming from the west.*

There will always be a "weather front" to the west of the place of draw. Rain cannot come out of nothing and from nowhere, as it were. This answers one argument which was raised against our Ellsworth success: "The result of OROP ELLSWORTH is doubtful since a front of weather came in from the west." *Of course*, the weather front came in from the west from the region of the Great Lakes. This was intended to be so and was engineered deliberately. From where else should it come? The facts that put the positive results of the Ellsworth operation beyond doubt were these:

1. The New England drought was severe; it had lasted several weeks already, with no clouds and no rain over a wide area in the northern USA. The weather prediction for the day of OROP ELLSWORTH was: "*No moisture in the air, no rain for another three days.*" IT RAINED about 10 hours after conclusion of the draw

* In different regions of the globe conditions may differ considerably from those here described. Therefore, specific study will be required in each new region.

operation, July 6, 1953. The drought was definitely broken; no such break was forecast by the US Weather Bureau. The breaking of the July, 1953, drought showed exactly the same *chain-like* activity in its spreading over hundreds of miles as did the breaking of the drought on August 2, 1952, from Rangeley, with abundant rain starting from the region of the draw.

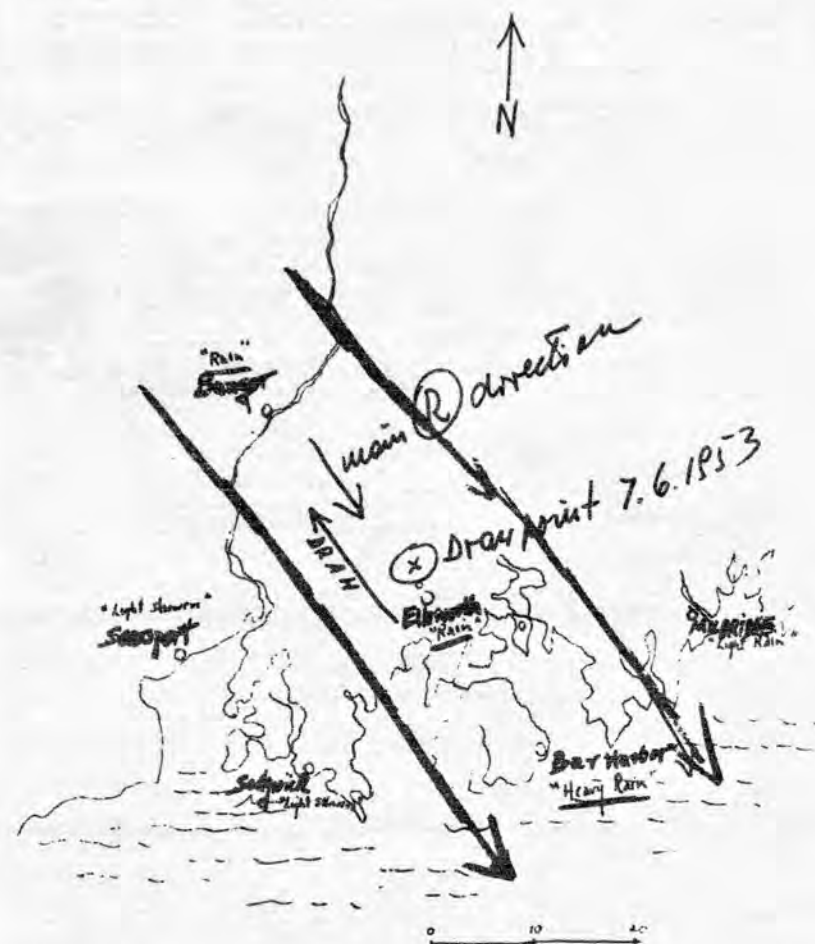
2. The weather front that came in toward Bar Harbor from the west on July 6th had been engineered by a one-hour OROP, predominantly from east to west, and south-east to north-west, the previous day, July 5th, 1953, at Orgonon, 160 miles to the west of Ellsworth. Thus, on the day preceding the main OROP at Ellsworth, on July 5th, 1953, a concentration and condensation with high potential had been accomplished about 200 miles to the west of Orgonon, or roughly 360 to 400 miles from Ellsworth. The western weather front, too, was unpredicted by the US Weather Bureau for July 5th and 6th; it knew nothing about the OROP at Orgonon.

3. The following chart, Figure 16, shows the direction of the main rainfall at Ellsworth, the point of the final OROP, and its approximate density with respect to surrounding regions. The main points of import are these:

a. OROP ELLSWORTH lasted 70 minutes. We drew mainly from east to west, and south-east to north-west, with occasional operation south to north. The intended direction of rainfall was NW to SE. The actual rainfall was, in effect, NW to SE; the main direction of heavy rainfall, beginning the night of July 6/7, 1953, was Bangor to Ellsworth to Bar Harbor.

b. The chart (Figure 16) shows only light rainfall to the north and south of the area of the main rainfall. This is another example of the near exactness and the possibilities of ORANUR WEATHER CONTROL.

4. We neglected somewhat at OROP ELLSWORTH to draw from the zenith. This mistake showed up clearly during the night of July 6/7 when, nearly exactly at the zenith, the cloud front seemed unable to close completely. There was at the zenith an area free of cloud-formation; at times, too, forming clouds had difficulty in holding together. This gave way only after heavy rain began to fall over Hancock in the early morning hours, approximately 20 miles to the east of the place of OROP ELLSWORTH.



Tuesday Morning Rain Reports
July 7th - 1953

Report by
OPERATOR
WILLIAM MOISE
HANCOCK, MAINE

FIGURE 16. CHART SHOWING DIRECTION OF RAINFALL AFTER OROP ELLSWORTH, July 6, 1953.

The protocol written on July 8th, 1953 on OROP ELLSWORTH follows:

PREPARATORY OPERATION: Orgonon, July 5th, 1953, 10:45 to 11:45 hrs.

PURPOSE: Rain at Orgonon to come from west and to continue toward E to SE. Squelching of forest fires in progress south of Mt. Washington.

INFORMATION given to Mrs. Williams, Forest District, Cupsuptic Headquarters.

DIRECTION OF DRAW: From east and south-east toward west and north-west.

FINAL OPERATION: Graham Lake Dam, near Ellsworth, Maine, July 6th, 1953, 10:45 to 11:52 hrs.

PURPOSE: Rain to the W, E, and N of draw point.

EQUIPMENT: One unit, 10 tubes fully extended, two cables to water.

DIRECTION OF DRAW: From east, north, south toward west.

MISTAKE: Only one brief draw on zenith — should have been longer.

PROBLEM: Apparently later the zenith remained droughty due to thin gap in orgone envelope at zenith.

RESULT: Immediate "draw cloud" formation to S and N. Windshift from SW to SE throughout drawing with minor shifts to W and stillness until late midnight (at Hancock).

16:00 hrs.: First cumulus clouds dissipated.

Constant E to W OR flow.

Unexpected broad sharply outlined low fog weather front from ocean meeting a blue-gray weather front from W to E.

Ring around sun very wide and sharp. Fog drifting in from ocean on broad front.

Rain at Ellsworth at 22:00 hrs.

02:15 hrs. (7/7/53): Strong SW wind and sheet lightning.

03:15 hrs.: Onset of steady rain changing to fine drizzle still continuing at 07:00, at Hancock.

At first big droplets — then small ones.

ON RETURN TO ORGONON July 7, 1953

THOUGHT — WR: "Even a four to five hour rain breaks the drought spell and the probability of another rain is greater."

EXTENT: 09:40 hrs.: *Fog belt extends 25 miles W of Hancock (12.5 miles E and 12.5 miles W of draw point.*

Spontaneous waitress talk, Bangor: Rain started 23:00. Rain heavy to Skowhegan (65 miles).

No-rain stretch through Palmyra — half way between the two draw points. Coincides with limit of ORANUR. Inquiry at a garage at Canaan: Rain started at 21:00. Drizzled all night. Inquiry 5 miles E of Farmington, farm girl: Rain started 19:30. Rained until bedtime at least.

Farmington to Rangeley: Heavy rain had fallen. News broadcast, WGAN, 12:00: $\frac{3}{4}$ inch rain many places. No rain in York or Washington Counties. Commented on a "DOUBLE centered low pressure system."

This protocol mentions an *unexpected front of fog from the east*. Although at OROP ELLSWORTH the OR flow was deliberately directed from the east and southeast, it was done so only with the direction of the OR flow in mind. No one gave any thought to what actually happened later. It was one of those unintended developments which tell more than hundreds of control experiments and ad hoc theories:

We had, without being aware of it, drawn not only OR energy but with it tremendous amounts of moisture from the ocean. This moisture began to stream inland from the Atlantic as fog, on a broad front and several (unmeasured) hundreds of feet high, fogging in the whole region. At about 16:00 h., July 6th, I drove in my car with my daughter Eva Reich toward the coast in the region of Hancock, Maine. We observed with amazement the broad and

high front of fog rolling inland. It was clear what this fog meant then, and what it would mean in the future: *Drawing-in moisture from the ocean ad libitum*, in a controlled manner; *fogging in stretches of coast for protection against enemy attack from air and sea*; *fructifying deserts* by drawing in moisture at will from the oceans over desert land, *planned rainmaking*, etc.

The fog that was rolling in toward the Bar Harbor region was dense and obstructed visibility even for car drivers. It had not been foreseen by the Weather Bureau; for this, the weather men are NOT to be blamed since it was an experimentally induced fog which could not possibly have been foreseen.

The question remained open as to how such drawing-in of fog from the ocean over stretches of land could be accomplished regularly and lawfully. But we need not worry: Once done, it would not take much technical skill to perfect such operations. We were surprised at the fogging-in, in spite of our having been prepared both theoretically and practically for it by fog lifting operations during the previous winter months conducted at Orgonon.

Following are a few reports on the Ellsworth operation:

WEATHER Photo ARCHIVES Report Maine
Thursday July 9 1953 of the OROP
ORGONE ELLSWORTH
INSTITUTE N°

Hancock Me.

(a.m.) 6:00 --- sky solidly overcast

(a.m.) 6:30 --- rain began. light gentle rain

(a.m.) 7:25 --- rain continues gentle in Hancock. Bangor radio
WLBZ reports beginning of hard rain there.

(a.m.) 7:30

Portland --- light showers

Augusta --- overcast

Houlton --- overcast

Caribou --- overcast

Millinocket --- overcast

*reque Isle --- partly cloudy

(a.m.) 8:30

begins to rain hard in Hancock and Ellsworth,
continues until 10:00 a.m.

(am.) 12:00 noon

bright and blue with scattered large cumulus clouds
with wind still from the west

This rain came from the west.

No lightening, no thunder, no static on radio.

Weather Forecasts for Thursday July 9

WABI Bangor (George Hale) "some showers in the southern

Portion of ~~the~~ Maine with a chance of a few light
showers in the northern portion"

Bangor Daily News Wed. July 8 1953

Partly cloudy and continued warm Wed. with the highest
in the low 80s. Fair and little change in temperature Wed. night
and Thursday.

Bangor Daily News ~~Wed~~ Thursday July 9 1953

Partly cloudy north portion. Fair south portion and little
change in temperature Thursday. Fair and continued cool Thursday
night.

Actual Weather *Not* ARCHIVES
 Monday July 13 of the OROP ELLSWORTH
 Hancock, Me. Monday July 13, 1953
 Hancock: (a.m.) 7:00 sky solidly overcast
 10:30 (a.m.) -- began to drizzle
 12:30 (p.m.) -- drizzle changed into a steady, gentle, rain.
 3:00 (p.m.) -- began to rain very hard, continued until
 after 4:30 (p.m.)
 5:00 (p.m.) -- light spray or drizzle.
 amount of rainfall by 5:00 p.m. is 1 and 1/2".

Rain came from the east.

Extent of rain:

Mass.	received an average of 1.16 inches
New Hampshire	received average of .9 inches
Maine.	Ellsworth region average 1.60 inches
	New Gloucester 1.25
	York County 1.09
	Vassalboro .90
	skowhegan .51
	Caratunk .51
	Northern Maine got little or no rain.

no lightening, no thunder, little static on radio.

Weather forecast for Monday July 13, 1953.

Bangor Daily News -- "Forecast for Maine -- Partly Cloudy
 Monday and Monday night. Little change in temperature."

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Monday July 6th -- Rain from East
 Thursday July 9th -- Rain from West
 Monday July 13th -- Rain from East



US Army planes appeared for the first time over Orgonon monitoring the atmosphere on the morning of July 8th, 1953. The US Government had apparently become interested in our experimental weather control operations to judge from its continued observational activities during the following months.

On July 11, 1953, President Eisenhower, after flying over the plains of drought stricken Texas and Oklahoma (*New York Times*, July 11, 1953):

Warns against delay — "Let's not delay," the President told the audience. "Let's not shilly-shally and wait until the last cow starves and dies on the range."

"The heart of the Federal Government is not concerned merely with Washington and New York," he told the Texans. "It is concerned with the United States, and every man, woman and child in it."

In the meantime, someone acting behind the scenes, tried to prevent further publications on the ELLSWORTH OROP success. At the operation on July 6th itself, a few young men, unknown to me, tried to be obnoxious in a sneering, contemptuous manner. They were reprimanded on the spot, and were also admonished later on by their superiors at the university. This incident may well have been a preliminary step to obstruct our operations on the part of those afraid to suffer economically by a successful OROP DESERT. Our operator in Hancock had to be warned in time, since he was as inexperienced in the doings of the emotional plague as are most people. In a letter of July 16th, I warned the operator against the underground moles. (Archive Document No. 10923 EP.)

The manuscript sent upon request to the *Bangor Daily News* had not arrived at its point of destination. Furthermore, the publication on OROP ELLSWORTH was scheduled for Saturday, July 25th; to our surprise, it had appeared already Friday, July 24th, a day in advance. We concluded from this that again somebody had tried to interfere.

The *Bangor Daily News* gave an extensive favorable account on OROP ELLSWORTH. It soon was broadcast on the radio in Boston and abstracted in a newspaper in Israel.

William Moise
Hancock Me.
July 18 th 1953

Dr. Wilhelm Reich
Orgone Institute
Orgonon, Angeles, Maine

Dear Dr. Reich:

The drought has definitely been broken throughout New England. The Newspaper refer to it as a seven weeks drought. It continues overcast here today. I sent the press release together with the pamphlets direct to Mr. Ingalls, State Editor of the Bangor Daily News, yesterday morning. I expect publication to be in tomorrow's edition.

Mr. Ingalls is the Man who telephoned me in response to my letter to the Bangor Daily News asking them why they didn't publish the original release and asking them who was responsible for it's suppression. Mr. Ingalls said that his paper had not received it, he said further that his paper was very much interested in this news and would like another release sent to them together with more background material and if possible further information concerning the true nature of the procedure. After this call I checked back with the Editor of the Ellsworth American and he reported that he had mailed the release to the Bangor paper last Tuesday, and had mailed it direct to the Bangor Night Editor of the Bangor Daily News. So I am writing to him now to find out who the Medju is.

Last Sunday I was much mistaken in my judgement that the drought tendency was again beginning here. Sunday there was a thin, still overcast which dispersed completely at sunset, but Monday morning the swing from the east brought a heavy overcast with rain throughout the day. Is it that the energy potential over the ocean is so great that once you start the swing, triggered the movement by the drawings, that you not only made it able to rain here but enabled it to build up and able to rain over all of New England?

Today, Wednesday, it is again heavily overcast with the breeze from the west. Yesterday, Tues., it cleared somewhat in the morning with a fairly strong breeze from the west but became overcast in the afternoon with some drizzle during the night.

Sincerely,

William Moise

CHAPTER VII

OROP ORGONON, JULY 23, 1953

1. OROP ORGONON OUT OF CONTROL, JULY 23, 1953

After the successful, theoretically lucid OROP ELLSWORTH, experimentation OROP DESERT continued at Orgonon. On July 17th, only one week after the drought had been broken, a new drought developed in New England. In other regions of the USA the severe drought had continued unabated.

The dilemma at Orgonon was grave. There was only the choice between letting the drought go on without any counter measures, or to take all the risks involved in a series of operations which were at the same time experimental, uncertain, laden with danger to communities, but also with responsibility for possible breaking of the drought. The dilemma was the more grave, since at the end of July one operation drought went out of control in the State of New York. Much in fact was learned from these failures and from the loss of control over a rain storm. The details of the happenings in the second half of the month of July, 1953 were these:

"Weatherbee" of Boston, reporting on weather forecasts at Boston Station WBZ, visited Orgonon on August 7, 1953. Before this visit he had been in touch with Orgonon since the report on OROP ELLSWORTH had appeared in the Bangor Daily News. "Weatherbee" had mentioned the operation at Orgonon on the Boston radio. Later on, he used from time to time to "ask for rain," as it were. Only Orgonon could be meant, since no one else, to our knowledge, except the orgone energy ocean itself, could have been meant.

On Tuesday, July 14th, 1953, Boston "requested" "more rain"; "Not enough rain has fallen," more rain is needed for New England. I decided to draw the following day for rain toward the south and southwest, that is toward Boston and New York. I was

interested to learn whether directing rain from Orgonon to places 250 to 500 miles away in a well-reasoned manner would be possible. Therefore, I followed the hint given by the Boston radio; I drew on July 15th, NW to SE from 18 to 19 hours. No rain ensued. The skies remained droughty at Orgonon and were droughty again also at the Bar Harbor coast. I did not understand why I had failed. But I knew *THAT I had* failed, which is essential, too.

I drew once more toward the south and west on July 17th, and twice toward SW and W, that is toward the State of New York, on July 18th, a Saturday. On this day I achieved cloud formation in a formerly cloudless, droughty sky. Even smaller clouds grew into huge masses when I drew from the *close* vicinity of the already existing clouds. However, after a few hours, in spite of one hour and fifty minutes draw and one additional draw of 45 minutes, the clouds failed to hold together. They dissipated again and again, and a droughty sky was once more above Orgonon. Failure, four times in a row. . . I waited for further developments, without any new attempt at OROP DROUGHT.

On Sunday, July 19th, around 10 am., a heavy haze was seen to the west. Slowly clouds developed to the west and southwest between 8 to 11 am. Thunder and lightning were heard and seen to the west at a great distance, but no rain reached or developed at Orgonon that day. However, rain came on Monday, July 20th, at 2 pm. The rain continued throughout the night to July 21, bringing great relief in its wake from DOR and drought.

One special observation worried me greatly:

Usually when one draws for rain from the west or northwest, the OR energy stream reverses its direction to east to west; this is as it should be. However, this time, when four OROPS had failed to bring rain, the east to west OR stream continued for days on end, visible in the wind direction and also in the telescope. The east to west direction kept on all through Tuesday, July 21st, at Orgonon, in spite of heavy rainfall and continued the same way all through Wednesday, July 22nd. It turned out later to have been the certain indication of the severe storm which was to break over the New York area on July 22nd and 23rd. I made a note in my record "*FEAR OF BACKWASH FROM WEST.*" "*Backwash,*" the reader may remember, is the technical term for the backflow of OR energy west to east after a prolonged east to west flow, thus:

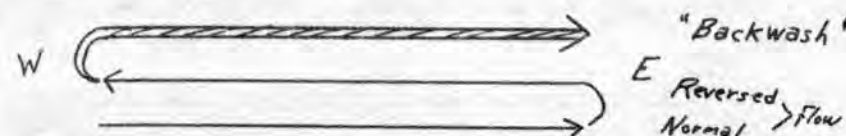


FIGURE 17. BACKWASH.

Then, on July 23rd and 24th, a severe rainstorm lashed the New York region and poured down 3.38 inches of rain in a few hours. This storm finally broke the drought spell of two months in New York, according to the *New York Times* of July 24, 1953 and the *Bangor Daily News* of July 24th, 1953; the same day it reported on the breaking of the drought in the Bar Harbor region of July 6th. The extensive report of the *New York Times* follows:

RAIN STALLS AUTOS, TIES UP SUBWAY

By John G. Rogers

New York's two-month dry spell ended yesterday with 3.41 inches of rain, 3.38 inches of which fell in a violent down-pour for 7 hours 40 minutes ending at 12:50 p. m. The rest was measured from an afternoon drizzle.

Crops and lawns all over the metropolitan area were saved, at least temporarily, but the torrent flooded thousands of cellars, stalled hundreds of cars, disrupted subway service and was responsible for the drowning of a man in two feet of water atop a five-story building.

The day was the wettest July 23 in Weather Bureau history and the rainfall was the heaviest since Aug. 26, 1947, when 3.69 inches fell.

"Million-Dollar Rain"

For the farmers, it was called a "million-dollar rain," wiping out the possibility of dead loss on such crops as corn, tomatoes, beans and potatoes. City dwellers, including about a thousand who traversed catwalks to escape two stalled West Side I.R.T. trains south of 110 Street, had other names for it.

The Weather Bureau said today would be fair with a high temperature in the low 80s, tomorrow would be "a little warmer but still seasonably pleasant." Then it warned, "good things can't last forever and by Sunday we may expect still higher temperatures, and then we'll get back to the hot weather that we've got to expect at this time of year."

*Norwalk, Conn., reported the heaviest rainfall in the East yesterday — a total of 5.21 inches between 8:30 a. m. and 2 p. m. Brooks and streams flooded hundreds of acres around the city and homes, stores and factories had up to five feet of water in cellars, causing considerable damage.**

One could still argue whether this storm was actually caused by the several initially fruitless drawings at Orgonon, beginning July 17th. Such questions cannot be answered from single experiences since chance may always have its play in such events. However, such incidents gain in clarity and certainty if they repeat themselves in a typical fashion, and if their dynamics reveal a pattern which can be mastered. With this in our minds we shall proceed further.

Report by Operator, Hancock, Maine, on defective OROP ORGONON of July 17 to 20, 1953:

We observed changes in the weather Sunday which lead us to think that you had drawn. A strong East wind came up at about 3 PM. Cloud formations appeared in the West at about 6 PM. with a steadily growing cloud bank to the West at evening time.

No rain has fallen here. A little drizzle Monday and again Monday night (in form of a fog drizzle).

Monday: Violent electrical storms accompanied by brief heavy rains throughout New England. Heavy rain in Vermont, up to one inch. Rutland, Vermont: *"the rain broke the back of the two months drought."*

Portland Weather Bureau: "A high level thunderstorm at Augusta. Light showers in the rest of State, heavy fog along coast."

Tuesday: *Storm and heavy rain at Bangor, Tuesday night.*

Light shower at Ellsworth, Tuesday night. No rain at Hancock; heavy overcast.

Wednesday: Clear sky at 8:00 AM. Fresh, blue. Large cloud formations in West at 12 noon. Overcast at 4:00 P.M. looks like rain. (WEATHER FORECAST FOR WEDNESDAY WAS FAIR.)

* [Italics mine — WR.]

OROP ORGONON of July 17 to 22, 1953, seemed indirectly responsible for the severe rainstorm in the New York region because it had failed to induce rain at Orgonon within a few hours as usual after a one-hour draw. It had caused a *continued* streaming of or plus moisture inland to the west and southwest until the storm broke over New York. The initial failure of the repeated OROP at Orgonon, and the consequent New York deluge provided, however, apart from breaking a two months' drought spell, a piece of knowledge of incalculable value:

OROP is capable of bringing about weather changes to regions as far away as 500 to 600 miles.

The problem of how to control such "Tele-orop" as to desired amount and direction of rainfall remained open.

From here onward, two basic problems of cosmic engineering were necessarily fixed in the researcher's mind:

1. It is obvious now that OROP DESERT can be effective at long distances. This is so, because the or energy ocean presents a very sensitive, easily irritable continuum of energy. *But how is one to concentrate an OROP upon a single, distant, circumscribed object, town or countryside?*

2. Could the main thoroughfares of the cosmic energy, the equatorial and the galactic or energy stream, as outlined theoretically in "COSMIC SUPERIMPOSITION," be used technologically in willful operations? Are these main or energy streams *real and usable?*

Wearisome these problems were, indeed. But in no way inaccessible to an experimental answer. Both questions were, at least in a crude way, answered during the autumn of 1953.

In order to make the answers to these questions comprehensible to the student of OROP DESERT, we must relate more detailed facts about the continued drought in the USA from July to October, 1953.

2. UNKNOWN FRIENDS WERE ACTIVE ON BEHALF OF OROP DESERT

On July 27th, 10:30 AM., a heavy thunderstorm was approaching from the west toward Orgonon. For the first time, in prepara-

tion for the bigger task, experimentation with hurricanes, the cloud-buster was directed toward the thunder heads in the west; the machine was heavily grounded. The results, after only a few minutes draw, were satisfactory: The thunder heads to the west dissolved, filled in again twice and were dissolved again with brief 30-60 second draws. The clearing of the sky kept on in a perfect manner for one hour over Orgonon. All around Orgonon, the heavy clouds were continuing to gather strength, at 12 noon.

OROP DESERT lost interest somewhat after July 31st; a new branch of CORE research was inaugurated late in July 1953, an attempt at the PRE-ATOMIC CHEMISTRY OF ORANUR. The loss of interest was also, to some extent at least, due to the silence which engulfed our OR operation on all sides. But this silence was a rather audible one, as it were.

In June 1953, a tax assessor from Augusta, Maine, turned up at Orgonon. He was a very kind and open-faced gentleman who seemed to know a great deal about natural science. We had a pleasant discussion about science rather than about taxes. He was shown the damage that had been caused at Orgonon by the DOR clouds; he was told by eye witnesses about the great emergency, the evacuation of buildings at Orgonon, the impossibility of working in the laboratory buildings. But somehow he seemed much more interested in the destruction of clouds than in our DOR emergency and in tax relief. There was, later, no tax reduction. But the tax assessor obtained a few pieces of literature and left highly satisfied with what he had seen and heard.

Some time in early spring I had visited the Bar Harbor region where my daughter Eva lives and practices medicine. I had sought advice regarding my will at the Trust Bank in Bar Harbor. I met a very kind bank official with whom I left my will and some documents regarding the transformation of the Wilhelm Reich Foundation into an Infant Trust Fund.

Only a short while later, the request for OROP ELLSWORTH came in from the blueberry growers. I could not refute my impression that this OROP had been a staged one, a public test, as it were. However, it remained a riddle how then the designers of OROP ELLSWORTH had succeeded to induce our Hancock operator to offer help by the Orgone Institute to the fruit growers.

Geological surveyors appeared at Rangeley, prepared to study the wide-spread deterioration of granite rock in our vicinity.

A tower for relaying radio messages had been erected near the Observatory, December 1952, and now RCA outfits visited the region of Rangeley with a purpose not quite unknown to me.

Boston Radio had mentioned the Orgone Institute and its weather control success.

The newspapers, too, had for the first time, I believe, in a decade treated organomic research with candid open-mindedness. No sneers, no insinuations, none of the "usual" unpleasantness that organomy had gone through for such a long period of time, in fact, ever since the first bions were seen in a microscope in 1936 in Norway.

I had the distinct feeling that there was a group of good friends around, still hidden, since organomy had been presented by some as a kind of "Devil's Scheme" to destroy the world. But now we were dealing with unknown good friends. I was delighted. I did not dare tell this to my coworkers. They would have shaken it off as WR's usual illusionary optimism. I, however, was convinced that I was right. It seemed as if OROP DESERT which I had announced to the U.S. Government in August, 1952, while applying for a passport, had finally broken not only the drought, but also the spell of silence and slander that had threatened to engulf my labors. This belief had not been shaken since. On the contrary, it has been confirmed.

CHAPTER VIII

OROP CHILDREN'S PARADE, AUGUST 8-9, 1953

It was a great pleasure, indeed, to help the "Doc" Grant "Children's Parade" on August 9th, 1953, by keeping rain from falling over the Rangeley region. The task of *preventing* rain from falling was new, a challenge to our young technology of Cosmic OR Engineering.

Mr. Grant of Rangeley, the originator of the idea of "Children's Parade," had thanked me a few days earlier for having kept the weather nice over Rangeley on July 4th, 1953. He had also read a clipping from the *Bangor Daily News* about the Ellsworth OROP success.

I told Mr. Grant by phone, and confirmed by letter, the following:

1. The attempt to keep Sunday, August 9th, 1953, free of rain was to be regarded only as another experiment in weather control, not as an obligation.
2. Any mystical expectations would be dangerous and should be kept out.
3. It would be the first attempt at preventing rain from falling at a specific date in a specific region.
4. Orgonon will try to keep Sunday, August 9th, 1953, free from rain.
5. Rain will be falling after the parade is over, if possible Sunday during the night.

The day before the Children's Parade was to take place, the weather did not look promising at all. The wind came as a breeze from the east, in our region a certain indication of coming rainfall. The clouds, too, looked "rainy." It was, at first, not quite clear how to counteract the tendency to rain. The idea came naturally to counteract by *drawing from the west*. This could possibly reverse the east to west flow. Also, it would appear reasonable to

PREVENTING RAIN

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clear the zenith of the region by brief, one to two minute clearing draws, as had been done the previous winter to disperse fog.

Prolonged drawing was to be avoided, since drawing over four to five minutes would certainly, according to former experiences, result in heavy rain. The main OROP to clear the sky over Orgonon, however, should be performed on Sunday morning, the day of the planned parade.

At 7:30 AM. on Sunday, the skies looked bad, heavily clouded over. I began to clear the sky. At 10:30 AM., the sky over Orgonon was still overcast. However, at 11:45 AM., the sky was clear of clouds with the sun shining.

"Doc" Grant's Restaurant

MAIN STREET

RANGELEY LAKES, MAINE

TELEPHONE 172

CORE II/3

Mr. Wilhelm Reich, M. D.
Orgone Institute
Orgonon
Rangeley, Maine

ARCHIVES
of the
ORGONE
INSTITUTE

August 3, 1953

Dear Dr. Reich:

Please pardon the delay in answering your letter sooner; but I have been very busy, along with being ill, and it got mislaid.

I surely do appreciate the nice weather we had over the Fourth of July weekend and it makes me hope that we shall have the following week-end be as good. I read the story in the Bangor Daily News about the good work you did for the blueberry growers and was very much pleased. It was not my paper but I would like to have a copy, if you could forward me the date of the copy so that I could send in for one.

Wishing you the best of luck in your future experiences,
I remain

Very truly yours,

Doc Grant
Elmer D. Grant

This, however, was only a part of the job to be done. The next task was to *keep the region of the zenith from clouding over again*. This task was the more difficult to fulfill, since the clouds came in strongly from the western horizon. Also, they parted while approaching Orgonon and closed ranks again at Saddleback Mountain, to the east of Rangeley. The problem was how to keep the clouds parting to the west of Rangeley and the sky clear until late afternoon.

I tried to accomplish this in two ways:

1. By intermittent, brief draws of one to two minutes each whenever the clouds overhead showed the tendency to close in over the region.
2. By keeping only ONE draw pipe open for a few minutes, very cautiously only, in small steps, pointing westward, some 15 degrees above horizon. This method was new, never tried before. It promised and fulfilled the task of drawing off just enough OR energy from the oncoming clouds to keep them in a state of dissipation, without however risking rainfall. From this second method grew a special branch of OROP DESERT, CONTINUOUS DRAWING OFF OF DOR *without the risking of rain*.

The success of OROP "CHILDREN'S PARADE" was perfect. At 5:35 PM., the children's parades were over. *Not a single drop of rain fell over the Rangeley region*. This was the more astounding, since it had rained, as I learned much later, all around Orgonon and Rangeley that afternoon. (Personal report by "Doc" Grant.) I had kept up OROP-NO-RAIN all through the children's parade. When it was over, I drew for rain. *Reversing the direction of the draw to east to west*, I drew first 10 minutes and then again 20 minutes to enhance the already existing tendency toward rain which had been interrupted by OROP NO RAIN.

Now, an east wind was blowing as it should, but at 9 PM. there still was no rain over the region. Finally, it rained gently and richly during the following night. My Protocol of the Day finished with these words: "How much humility, not fake humility, is required to accomplish such things as OROP "CHILDREN'S PARADE""

Mr. Grant thanked me some time later with deep emotion when he met me in town. He had also mentioned the holding off of the rain as a thing to be thanked to powers in heaven. I fully agreed with him, feeling only as the executor of the cosmic OR energy, and not at all as a powerful rainmaker or rainstopper.

Lessons derived from OROP RANGELEY of August 8th and 9th, 1953:

1. *It is possible to prevent the formation of clouds and the falling of rain.*
2. *It is possible to direct the drift of clouds in a desired direction.*
3. *It is possible to prevent rain and to dissipate rainclouds by drawing from the direction of the oncoming clouds.*
4. *Brief withdrawals of OR energy from heavy clouds lower the potential differences in the cloudy skies and thus equalize distribution of atmospheric OR energy. This counteracts the tendency for rainfall.*
5. *To prevent rain one must not draw from the region opposite to the normal OR flow.*
6. *Put up a "BARRIER" to the oncoming cloud bank some two to four miles ahead of the place which should be kept rainfree.*
7. *Use the OR "AFTEREFFECT" (the tendency of the OR energy to maintain spontaneously a certain artificially induced status). This is a fact, as yet unexplainable.*

ORANUR Weather Control had gained another important stretch of technical skill. It was soon to be tested on a larger scale.

DETAILS OF OROP CHILDREN'S PARADE

August 8th, 1953 Scheduled: *Dog Parade*, Saturday, August 8, at 2:30 PM.

Children's Parade, Sunday, August 9, at 2:30 PM.

Official Weather Forecast

RAIN in south portion of Maine, August 8, 1953

RAIN in all New England, August 9th, 1953

Children's Parade Threatened

OROP CHILDREN'S PARADE:

August 8, 1953:

9:00 AM. DRAW for SUN, 3 minutes

9:05 AM. DRAW for SUN, 3 minutes

RESULT: 11:00 AM. SKY CLEAR OVER REGION

PLAN: Draw for sun whenever rain threatens; in case there would be no success, send truck with Cloudbuster down to Rangeley, to keep sky clear above.

OROP CHILDREN'S PARADE

11:30 AM. Call to "Doc" Grant in Rangeley: No promise of nice weather

7:00 PM. DRAW against RAIN, 3 minutes

RESULT: NO RAIN ALL THROUGH THE NIGHT, August 8 to 9, 1953

DOG PARADE HAD TAKEN PLACE

August 9th, 1953: Heavy cloud bank, with rain threatening to west at 7:00 AM.

8:30 AM.: Draw for sun, 5 minutes, clearing + + + + + clouds closing in from NW to NE. Possibility of having caused the clouds to NW by drawing W.

9:10 AM.: Sun breaking through over region. clouds heavy to east at Saddleback Mountain. How to destroy clouds to east of Rangeley without causing rain from east?

Tom Ross reports there was heavy dew in the early morning.

Relative Humidity down by 9%, from 89% to 80%.

Continued brief drawing whenever clouds gather to west.

Sun is fully out at 10:30 A.M.

No rain all day, against Weather Bureau forecast.

9:00 PM.: The job has been done. The parade of the children went off as scheduled.

August 10th, 1953: 8:00 A.M. The overdue rain is falling richly. According to Mr. Grant, it had been raining on August 9th, 1953, all around the Rangeley Region.

CHAPTER IX

OROP BOSTON, SEPTEMBER 2, 1953

OROP "Children's Parade" had not only increased our knowledge of Cosmic Engineering. It had also increased the conflict and pressure regarding what *could* be done to help a suffering nation.

The day I had tried successfully to keep rain out from the Rangeley region, I spoke to our operator at Orgonon, Mr. Ross. He confessed to have been greatly impressed by the sense of power experienced in such operations as foglifting or rainstopping. I told him: The worst enemy of Oranur Weather Control operations would be such feelings of power. The CORE operator, I explained again, is comparable to the steam engineer who directs the speed of the flow of steam with a single lever. He is, however, not the force itself that drives the train. He is only its trustee. And trustees must be fully conscious of their responsibilities, never forgetting what powerful forces are entrusted to their care. To eliminate from the scene of CORE operations easy inflation of chronically deflated egos, seemed no less important than these operations themselves.

I felt clearly the great power in my hands during these operations; however, having become used for over three decades to handle highly responsible medical, psychiatric and educational matters, I did not become powerdrunk.

BOSTON OROP was executed from Orgonon, some 250 miles to the north of Boston. This was the first OROP weather control ever to be executed at long range. It was highly successful in breaking the severe August drought which had harassed the East Coast and the big cities of the North East. But it also went slightly out of control and caused some damage, though no lives were lost. These losses were only a fraction of the costs suffered from continued drought.

Let us first survey the situation on September 1, 1953: The *New York Herald Tribune* reported the seventh day of a severe "Sizzler" with ninety-seven degrees and *with no relief in sight*.

New York's most intense heat wave blazed through its seventh day yesterday with a high of 97 degrees at 3:50 p.m., and no prospect of any break in the hot, dry weather ahead.

Yesterday was:

1. The fifth straight day when the mercury reached 95 or higher—two more consecutive days of 95-plus heat than have ever been recorded by the Weather Bureau in its eighty-two-year history.

2. The seventh day in a row of 90-plus heat—threatening the record of eight successive 90-plus days set in 1944.

3. The hottest Aug. 31 on record. The previous high for the date was in 1881 when the mercury stopped at 92.

4. Three-tenths of a degree short of being the hottest day of the year. On Saturday the temperature hit 97.3.

Two consoling notes to the week-old hot spell: The humidity continued to range in the low 30s at the hottest times of the day; no matter how hot it got in New York the heat always seemed to be just as bad or worse in the Eastern two-thirds of the country.

Newark, N. J., suffered its fourth straight day of 100 degree temperatures, an all-time record. A 99-degree reading at Chicago broke the record for the date for the sixth day in a row. At Muscatine, Iowa, the mercury touched 100 degrees and city officials decided to postpone closing the municipal swimming pool.

Resisting entreaties, forecasters would not predict any sudden end to the heat. Despite some clouds which veiled the afternoon sun over New York, and a falling barometer, they foresaw only more of the same brazen temperatures for today and probably tomorrow.

This report did not mention, since it knew nothing about it, the DOR effect over New York. According to the *New York Times*, twice as many people had died during these days than was "normal." This added to the wavering of my decision to stand firm on a "scientific proof" of ORANUR Weather Control.

There was much DOR, but little drought in our region of Maine. I still had hoped that the great difference between the drought situation in northern Maine, as frequently pointed out by Boston

radio, and the rest of the eastern USA would mobilize some action on the part of the responsible representatives of agriculture. Nothing happened. The many messages sent to various places by the Orgone Institute, such as fire wardens, town clerks, etc., remained unanswered. Only much later did I understand this silence. But at the moment of the most acute drought in history the silence was unbearable.

I shall later mention a few of the objections raised against our results on the part of Weather Bureau officials. The objections themselves forced an unimpeachable, foolproof answer. The silence induced me to make myself heard in a manner, impossible to evade any longer. Millions of children, starving from drought, were now more important than polite considerations.

The following telegram was sent to Mr. Ivan R. Tannehill at the Weather Bureau in Washington, D.C., on September 2, 1953, at 10:59 AM.:

"We are trying hard to turn cloud drift present with small showers and heavy dew in Orgonon area southwest toward big cities. Doubtful of success due to small number of Cloudbusters. Drawing in humidity east to west from Ocean should possibly break severe drought in your area."

OROP BOSTON went under way at 10:00 AM. on September 2, 1953, and was carried on until 12:00 noon that same day. Three cloudbusters were put into operation simultaneously: one on the hill at the Observatory; one at the Student's Laboratory; and one on a truck near the lake. They were located some 800 to 1000 feet apart. The drawing operation was executed with all pipes in all three cloudbusters pulled out to full length. The direction of the draw was from north and slightly northeast toward Boston to the south and slightly southwest. My impression was that three cloudbusters could not trigger enough OR energy, sufficient to cause rain at such a distance in Boston. I was wrong: Three cloudbusters proved to be at least one too many.

The objective was theoretically to build up a high OR potential over Boston. This OR potential would, in turn, be able to draw moisture from the ocean toward the city to the west. The following table surveys the actual developments:

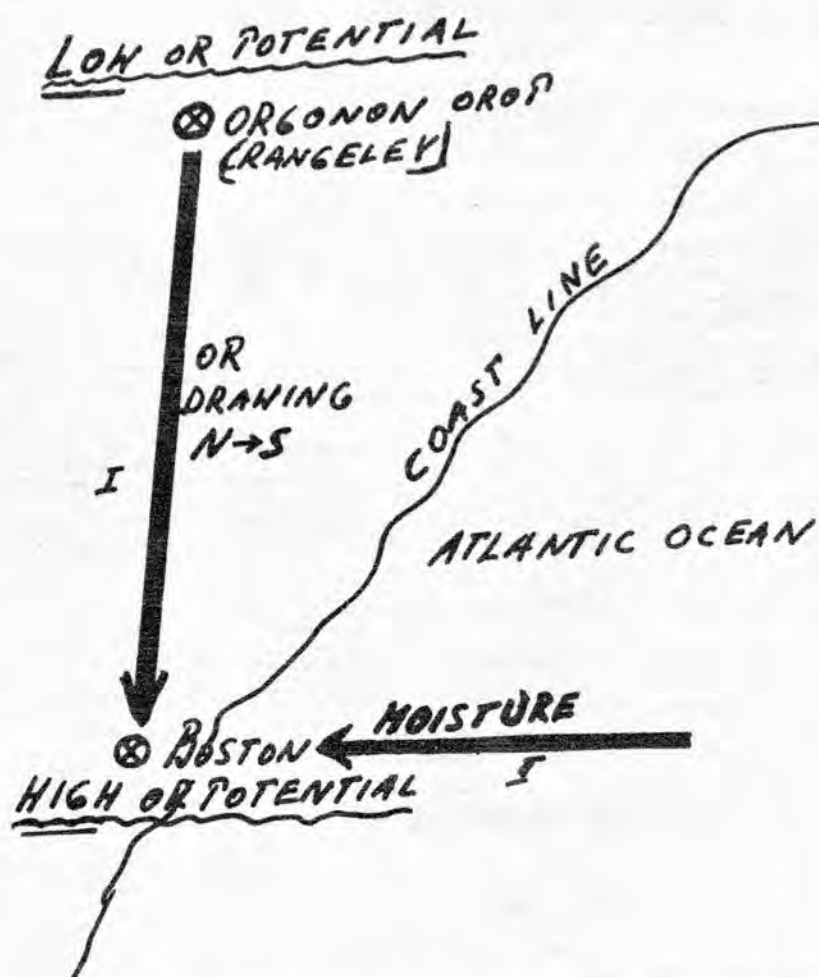


FIGURE 17a. DRAWING MOISTURE FROM OCEAN ONTO CONTINENT USING DISTANT HIGH OR POTENTIAL.

September 2, 1953:

8:30 AM. Boston Radio Report: No relief in sight. 90-100 degrees F. expected in afternoon.

10:59 AM. Telegram sent to Tannehill, Washington, D.C., by Orgone Institute.

10:00 AM. to

12:00 noon OROP BOSTON with three cloudbusters at full force.

1:30 PM. It looks as if it would rain momentarily.

2:00 PM. Clouds started southward, changing from eastward drift.

3:00 PM. Boston Radio Report:
Temperature down from 100 to 92 degrees.

5:30 PM. Radio Report Bangor: Forecast for northern and central Maine: Scattered thundershowers later tonight, temperature 88 degrees.

6:00 PM. Radio Report Boston WBZ:
Forecast: Thundershowers and cloudy, relief from heat expected, southwest winds changing to north (according to our draw from N to S).
New York getting cool airs, all its own.
"Cold air coming from Canada Friday or Saturday (September 4th and 5th, 1953)."

11:00 PM. Boston Radio Report:
Northern and central Maine were the only cool spots.

September 3, 1953:

8:25 AM. Boston Radio Report WBZ:
Wind is coming from EAST; thunderstorm last night; 40 miles an hour wind; 200 trees broken, property damage; 1/3 inch rain; cool in northern Maine; 90-100 degrees expected tomorrow.

The Boston storm on September 2nd, had come fully unexpected by anyone in the Weather Bureau. It satisfied the scientific question as to whether a rainstorm can appear "as if from nowhere." The question remained open, however, how it was possible that the storm had hit Boston proper, and not some free countryside in the vicinity of Boston. It was possible to assume that the high OROP concentration, the same which had caused the severe drought, was also the cause for the attraction and concentration of the moisture which came from the ocean. What the drawing operation at Orgonon had actually done, was no more than to lower the potential to the N-NE of Boston. But neither the OROP potential at Boston, nor the drawing in of moisture from the ocean toward Boston was a direct result of the operation at Orgonon; no matter how many cloudbusters had been put to use.

The storm of Boston seemed to have been the direct result of the increase of an already high, but stalemated or potential. The slight shift in level as well as in mobility should have been sufficient to revive the activities of the atmosphere over Boston, with the result of movement of moisture and air inland from the Atlantic Ocean. This follows clearly from many similar or functions, be they biological or purely physical in nature:

ONCE AN OR ENERGY SITUATION BECOMES IMMOBILIZED, IT ALSO GOES STALE. THE NORMAL NATURAL OR ACTIVITIES CEASE TO OPERATE: DESERT, whether in the soul, in the mind, or in the wilderness IS THE INEVITABLE RESULT OF IMMOBILITY OF OR ENERGY.

The remedy follows logically from this premise: *The stalemated situation can only be changed by getting movement, in other words, an energy shift, be it ever so slight, into the stale region.* And it was that, I believe, which broke the drought on that September 2nd, 1953, in New England as a consequence of OROP BOSTON performed at Orgonon, 250 miles to the north.

I had predicted the result in Boston with some reservations. A copy of the telegram went to the weather forecaster in Boston, "Weatherbee," in order to satisfy one of his former requests to create rain without any weather fronts announced anywhere.

The drought broke, unpredicted by the Weather Bureau, at about 2:00 PM. at Boston according to radio reports. Rain reached the northern fringe of New York City the same evening at 6:30 PM. The radio reported that the air had cooled off to 70 degrees, but it complained about "too little rain." The same day, September 2nd, at 1:30 PM., shortly before the storm, Boston radio had reported 103, New York 99, and Chicago 100 degrees Fahrenheit. Southern Canada, too, which had suffered gravely, had some relief. It is not known how far the relief stretched to the north-east. But the sky at the coast near Bar Harbor was reported overcast on September 3rd, and there had been a fine spray of a brief rain.

The Weather Bureau, naturally, judging from its usual daily reports, had predicted *continued drought* that same morning, September 2nd, 1953, with no relief in sight before September 6th or 7th. It had also predicted cool air to come in from Canada; in reality, Canada (Montreal) reported heat in the 90's still on September 4th, while Boston and New York had cooled off to about

70 degrees. Boston Radio (WBZ) kept contact with the Orgone Institute through "Weatherbee."

The Orgone Institute is not equipped to chart or to predict weather. It has its hands full with keeping the main line in OR energy research clear. No one at the Orgone Institute claims to be a professional rainmaker, or to know much about the circulation of "cold" and "warm" air masses which allegedly determine weather formation. No organomic research scientist could pass a test in meteorology. Yet, the following survey will demonstrate the true relationship between basic natural research and routine technological procedures.

No one enjoyed the many mistakes the official Weather Bureau made during those crucial summer months, when OROP DESERT was being born. The sharp contradictions and incongruities which harassed the US weather man during 1953, were the result, *basically*, of his reluctance to touch upon, and to deal forcefully with the cosmic forces which rule his air currents. Another reproach, IF "reproach" were in place at this moment, is that the weather officials were also reluctant to search for the causes of their repeated erring. To find and to correct one's errors, however, appears to be THE first rank requirement of scientific existence.

But our story does not end here, by any means. It has, as a matter of fact, not even really begun yet. It begins to be serious in a much broader and deeper sense, on October 22, 1953:

Let us first summarize the basic foundations of ORANUR Weather Control to this point. We have learned and could establish on firm ground:

1. *Clouds can be destroyed or created, diminished or increased, by way of changing the OR potential of the atmospheric OR energy.*
2. *Rain can be produced by way of increasing clouds and making them coalesce.*
3. *Moisture can be drawn from oceans toward dry continents.*
4. *It will be possible to direct cloud-drifts at will.*
5. *Storms can be produced over distant regions by using the relative interconnections between direction of DRAW, high existent potentials, and sources of moisture (ocean).*
6. *Drought can be broken at will by a suitable combination of these three functions.*

7. *It is much harder to break drought inland than near an ocean.*
8. *It is easier to prevent drought than to break it.*
9. *Combating desert development promises to be successful; technological means and tools need perfection.*
10. *There is no end to the possibilities in Cosmic Orgone Engineering.*
11. *The responsibility rests squarely on the shoulders of the Orgone Institute and on the governments of the earth.*

Equipped with these facts, we shall now approach OROP GALACTIC OR STREAM.

The New York Herald Tribune wrote on Sunday, Oct. 18, 1953:

THE BRUTAL DROUGHT

What this country needs, among other things, is a billion-dollar rain. Out West the drought situation has become so critical that Gov. Dan Thornton of Colorado suggests that Congress may have to be called in special session unless the skies let loose in the next thirty days. The East is also suffering; any number of communities around New York are concerned about sinking water supplies. But the plight hereabout, while distressing enough, is as nothing compared to that of the dozen stricken states in the West and Southwest. They are up against disaster. Their emergency is a national calamity which, as Washington and the state governments realize, has to be met by immediate and forthright relief. The farmers and ranchers must have hay, feed, seed to keep going. The thing is desperate, and if present forms of assistance are not enough then more will have to be done. Where help is so urgently needed, it seems obvious that a massive and satisfactory program of co-operation must be worked out.

This won't be a long-range solution of soil conservation and constructive attention to water resources. That takes time, but the entire nation had better begin thinking hard about the whole problem of nature against man — from dust bowls to waterworks. If the drought succeeds in stirring up serious attention to a lot of carelessness and imprudence about water, then it has brutally served a good purpose. Meanwhile nothing would be more helpful than rain and more rain — all the way from the Rockies to the Atlantic.

The drought situation continued to be desperate in the USA, with the exception of the very few breaks which were accomplished artificially in the northeastern USA.

CHAPTER X

OROP GALACTIC STREAM, HANCOCK, OCTOBER 22, 1953

1. THE GALACTIC OR STREAM IS REAL

In 1950 (published in "COSMIC SUPERIMPOSITION", 1951) I have postulated the existence of the "Galactic OR Energy Stream" which runs at an angle of 62° N-NE off the Equatorial OR Stream. OROP HANCOCK was designed to test this postulate as to its validity.

The problems regarding ORANUR Weather Control Operations were many and grave. Among these problems two required speedy solution if the new drought which was to be expected for the summer of 1954 was to be met successfully in time.

1. Can ORANUR Weather Control Operations be taught to intelligent engineers? And if so, how?
2. Is the so-called "GALACTIC" OR energy stream, (Southwest to Northeast) real? Could it be used in OROP DESERT?

In preparation of the solution to these two questions, a mobile cloudbuster unit was transferred on September 19th, 1953, to Hancock, Maine. The student operator with some training was instructed not to undertake any major operations without special permission and direction by the Orgone Institute. He was, however, permitted to draw off DOR-clouds from the region toward the ocean as often as necessary. The effect of these DOR removal operations upon the health of the population was to be studied and to be reported by a young local physician.

On October 3rd, the operator at Hancock was directed to draw for rain. He failed upon the first attempt. Later I supported his operation from Orgonon, and this time he succeeded in obtaining rainfall as intended.

The following report speaks for itself. It is important in these functional operations to teach the student operator to recognize his mistakes. He should be able to see in his mistakes major signposts for future successes; he must also be able to account intelligently for the reasons and dynamics of his success.

It may be of interest for future training of CORE engineers to give some attention to this first report of a tyro in cosmic engineering:

"The following is my understanding of why the OROP of October 2 and 4 was successful and is my explanation of how our results came about:

Operating upon your discovery of last summer of predominantly drawing from the direction opposite to that *where you want the rain to go*, I assume that the drawing from the West at Rangeley on October 3 was done because you wanted the rain and weather to go eastward. By drawing from the West you would increase the potential to the East of the drawing. In addition, you would increase the East to West flow of the Orgone Energy stream.

Your instructions for me to draw from the East on the following day, October 4, was for the purpose of drawing moisture off from the ocean. This would also increase the potential to the West of this drawing site, or in the same area affected by the Rangeley drawing to the West. In addition, the drawing here to the East would get the rain and weather to go to the West: would tend to reverse the eastward flow or swing of the orgone stream triggered by your drawing of the previous day, and initiate a westward flow of the orgone stream. This westward flow, bringing with it moisture from the ocean, would veer towards the South, following the natural path of the prevailing wet weather in this region when it comes from the East. In other words, instead of going straight from the East to the West, the rain would go Southwest towards Boston, and we would have what is known in this region as a "Northeaster." Now *why this weather from the East would tend naturally towards the Southwest I do not know*. I suspect that this is related to the direction of flow of the galactic orgone energy stream mentioned in former discussions.

One additional factor which may have had a bearing upon this OROP is the fact that at 6:00 AM Monday, October 5, I drew from the horizon to the North for fifteen minutes. I did this because of the following: At 5:00 AM the sky was covered by a thick cloud bank with the exception of a small area along the horizon to the North and Northwest. Here the edge of the cloud bank was very distinct with clear sky beyond. This cloud bank had covered the sky since

the previous afternoon. The wind was from the Northwest. The cloud bank was moving East and the clear area was gradually getting larger. After much hesitation, I drew from this clear area towards the horizon from the North for fifteen minutes. My purpose was to decrease the potential in this clear area, thus increasing the potential in the area of the cloud bank upon the assumption that the cloud bank would grow heavier and perhaps halt its drift towards the East. I committed a mistake here. My error was in *not considering the operation as a whole*, in thinking only of the temporary growth of the cloud bank and in not considering the directional factor. The drawing itself may have been helpful towards triggering the weather that came later in the morning from the Northeast; my error was in my reason for doing it.

Until I started writing this paper I considered this drawing from the North as unimportant. Now I realize that when one works thus with the cosmic orgone energy, there is nothing that is unimportant. Perhaps this drawing from the North was responsible for the cold and snow that came with the weather?"

"OROP, October 4, 1953"

"On Sunday morning, October 4, 1953, the sky at Hancock, Maine, was clear, with the exception of a cloud bank low upon the horizon to the West and Northwest. The wind was moderate, coming from the West and Southwest. Weather forecasts for Sunday, October 4, were as follows:

Bangor.....	Fair
Maine.....	Fair, few showers over North portions late today
Boston	Fair, some cloudiness tonight
Boston WBZ Radio, 6:30 PM, Saturday, October 3:	
No rain in predictable future	

The ORANUR Weather Control Operation at Hancock was conducted for one hour and ten minutes on Sunday, October 4, 1953, from 9:45 AM to 10:55 AM. The direction of the drawing was from the East westward, sweeping slowly from Northeast to Southeast with occasional pauses as indicated. Immediate results observed were as follows: The cloud bank to the West and Northwest began to grow and to move eastward. The Southwest wind got stronger. Small clouds appeared in the sky to the East just above the area drawn from. The contrast increased between the light and dark areas in the sky.

The wind continued strong from the Southwest throughout the day. The sky became increasingly cloudy during the afternoon with

the weather coming from the West and Southwest, until by 5:45 PM *the sky was solidly covered by a thick layer of clouds.* At this time, *a few raindrops fell.* The wind became calm at 7:30 PM and there were a few moments of light sprinkle. At 8:10 PM a very gentle breeze started to *come from the Northwest* and then, about two hours later, burst suddenly from out of the Northwest in great strong gusts and *blew hard most of the night.*

At sunrise on Monday, October 5th, the sky was still largely covered by the thick cloud blanket; however, the edge of this cloud bank was clearly visible to the Northwest and North near the horizon. Beyond this edge there was clear sky. The wind was gentle coming from the Northwest and the cloud bank was moving eastward with the clear area gradually getting larger.

After much hesitation I decided to draw from this clear area. I drew for fifteen minutes from the northern horizon from this clear area. I did this in an attempt to increase the growth of the existing cloud mass and to halt its eastward drift. I stopped when it appeared that the drawing was increasing the southeast drift of the cloud mass.

Weather Forecasts for Monday, October 5th, 1953, were as follows:

WBZ Radio Boston...7:30 AM predicts clearing, fair
 Boston.....partly cloudy, fair tonight
 Maine.....fair today and tonight
 Bangor.....fair today, cloudy Tuesday

The cloud bank continued to move Southeast until about 10:00 AM when it stopped and seemed to hover over the coast, covering about one half of the sky. At this time, the wind changed and began to come gently from the East. By 2:00 PM *the cloud bank had begun to move westward and to grow, with the wind coming from the East moderately.* The sky was completely covered by clouds by 4:00 PM. The clouds were heavy and growing and had a different character than the cloud mass of the morning. These present clouds, while dense and heavy, had a misty, foggy appearance. This was definitely *weather coming in from the ocean.* Rain was then predicted in Boston for Monday night and rainfall had already been reported over parts of New England. Rain began to fall at Hancock at 7:45 PM. It was a *slow, gentle rain* which continued throughout the night. The wind continued gentle from the Northeast. During the night, $\frac{1}{4}$ of an inch of rain fell at Hancock, and light rain was reported over all of New England. (WBZ Radio Boston, 6:30 PM, October 5, 1953.) The weather and wind continued to come from the Northeast during Tuesday, October 6th. The sky continued to be covered by a heavy

blanket of clouds although no rain fell in this vicinity during the day. Weather Forecasts for October 6th were as follows:

WBZ Boston Radio...7:30 AM apologized for yesterday's prediction of clearing. . .
Boston and New England got light rain yesterday and last night. Light rain today and tonight clearing Wednesday.
 Boston.....Rain ending early tonight
 Maine.....Rain ending tonight
 Bangor.....Rain Tuesday and Wednesday

Rain began to fall during Tuesday night, October 6th, here at Hancock and *was still falling Wednesday morning.* The wind and cloud drift had changed during the night from Northeast and were coming from the Northwest. One quarter of an inch of rain had fallen during the night here and it was reported that most of New England received rainfall during the night (WBZ Radio Boston). Rainfall continued here throughout the day of October 7th, stopping at 8:00 PM Wednesday, October 7th. The total amount of rainfall at Hancock, Maine, since Monday, October 5th, was over $1\frac{1}{2}$ inches. New England received from $\frac{1}{4}$ to 2 inches of rainfall (WBZ Radio Boston, October 7, 1953, 6:30 PM).

Weather Forecasts for Wednesday, October 7th:

WBZ Radio Boston...Rained all night in Boston.
 Rain ending early today, slowly clearing. Thursday fair.
 Boston.....Cloudy, light rain ending this morning
 Maine.....Cloudy, rain ending today
 Bangor.....Cloudy, scattered showers likely

Note: Weather forecasts for Boston and for Maine taken from the Boston Herald newspaper. The Bangor forecasts taken from the Bangor Daily News. The WBZ forecasts taken from Weatherbee's program."

With this first assignment of an independent OR operation successfully accomplished, the operator was assigned another task:

He was asked to draw from the NORTHEAST toward the southwest and from the east on October 22, 1953, 4:00 to 5:00 PM. My

Log summary of October 27th, on OR Operation Hancock of October 22nd and Orgonon of October 24th, reads as follows:

"NE - or Stream: I had the operator draw from NE in order to find out:

1. Whether rain can be directed and confined.
2. Whether one can guide it, as it were, *along the coast*.
3. Also to let him draw straight east to west, whether two directions can work together.
4. *Result:* It rained, beginning Friday, October 23, 1953, breaking again a severe drought, *only* along the coast, while, astonishingly, winds of 20 to 30 miles per hour blew *from the northeast* toward the southwest, also along the coast. The drought was first broken at Bar Harbor, Maine, with 2 inches of rain on October 24th."

Weatherbee reported on Boston radio on October 24th, "No drought in Bar Harbor (20 miles from Hancock) with 2 inches of rain."

According to Boston radio, the rain at Boston proceeded *toward the northeast*, while winds blew from 20 to 25 miles per hour northeast toward southwest.

My plan was to keep Orgonon dry until it rained at the coast only. The operator on the coast knew nothing of this plan or even of the experimental question put with regard to the reality of the Northeast galactic or energy stream in both operations.

While it rained heavily but gently in Bar Harbor, Boston still suffered from drought with wells going dry; also Orgonon, in spite of a similar well situation, was kept sunny on October 24th. The rich "Mingo Spring" had dried up completely.

Then, on October 24th, 1953, two days after OROP HANCOCK, I drew for rain from 2:00 PM to 2:30 PM, again NE toward SW, with the intention to break the drought at Orgonon. I succeeded: At 3:00 AM on October 25th, in the early morning, a strong east wind started blowing. There was soon a complete overcast of heavy rain clouds. But it did not rain. Sun broke through again in the morning of the 25th. At 11:00 AM there were sun and droughty clouds; but at 4:30 PM heavy cloud banks were driving in from the east, obviously the delayed and relayed east to west draw of October 22nd, with heavy rain lasting for many hours.

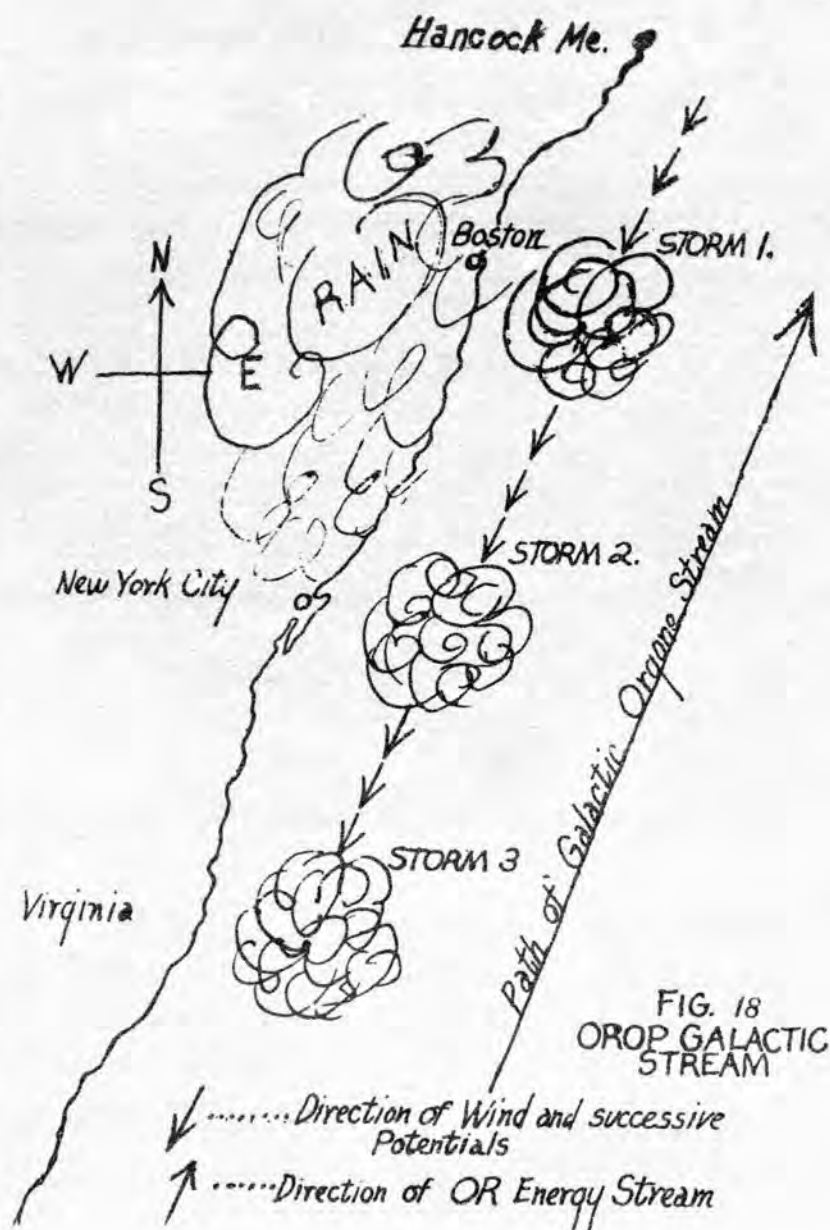


FIG. 18
OROP GALACTIC
STREAM

raining heavily at 9:30 PM that 25th day of October. It continued to rain heavily on the 26th, 27th and 28th of October. On October 29th, it rained all over in New England. The direction of the rain was continuously NE to SW. The NE toward SW direction had proved more powerful than the east to west direction of drawing.

The wells filled in everywhere; farmers had no longer to carry water in pails from the lakes to their herds. One meteorologist, according to one report, called the rain "unethical," going toward NE with winds blowing, according to the OR operation, from NE and E. Such behavior of the elements must have impressed anyone used to orderly conduct as "unethical", while the orgonomic worker was satisfied to be able to comprehend such behavior:

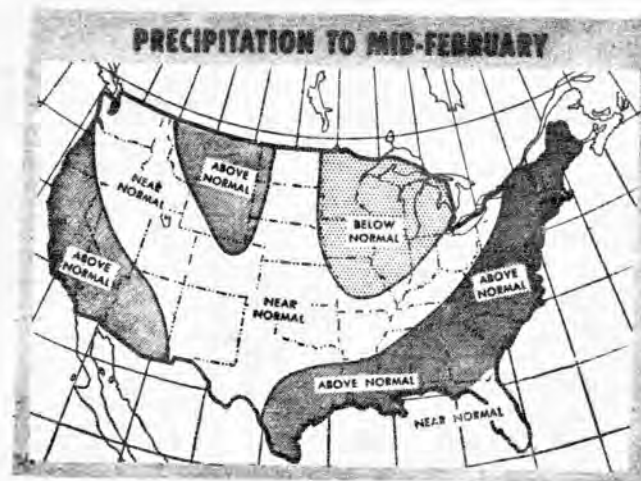
1. The wind blew from NE and E in accordance with the direction of the draw, even to the extent of a prevalence of the NE over the E direction.
2. The OR operation had been directed *against* the direction of the Galactic OR energy stream. High potential had, according to the orgonomic law, to build up in the SW of the draw. This was the case, beginning with the rain at Bar Harbor to the SW of Hancock.
3. However, this was not expected: One rainstorm center built up after another in a *chainlike or relay-like fashion along the coast toward New York and Philadelphia*. The preceding chart presents this beautifully lawful behavior of the sequence of the OR energy potentials. The storm centers succeeded each other. Beginning to the NE, one after another of the relayed centers poured out their rain in unison with the wind direction and *against* the direction of the galactic OR energy stream.

We are working here with natural functions which are far beyond established knowledge. We are groping as if in the dark up a steep mountain side, surmising in many spots what may be a safe place to set one's foot. There is no precedent to what we are doing. Therefore, caution but also daring are first rank requirements. Without caution we would waste our efforts. Without daring we would remain sitting where we are. Here is what I mean:

"U.S. News and World Report" published the following chart on peculiar weather changes in the USA, on December 25th, 1953. This was three months after OROP "Galactic Stream."



U. S. NEWS & WORLD REPORT, Dec. 25, 1953



U. S. NEWS & WORLD REPORT, Jan. 29, 1954

FIGURE 19.

If a long ruler is placed on a map of the United States, connecting the Gulf of Mexico at the Texas coast with the central

line of Maine, an angle of inclination toward the equatorial line of approximately 62 degrees is obtained. Sixty-two degrees, however, is the exact position of the Galactic Plane in relation to the equator. (See discussion of this fact in COSMIC SUPERIMPOSITION, page 88.) This is also the basic direction followed by hurricanes on their veering off toward the typical NE course. It is, furthermore, in its beginning the region of most tornadoes and floods.

The chart on "Precipitation to mid-January" shows clearly, officially obtained, an unusual increase of rainfall above normal nearly parallel to the course of the eastern seaboard; parallel to the extent of a big bend eastward at the North Carolina coast. The chart shows, furthermore, rainfall *below* normal in the region of the western desert land, between regions with above and near normal precipitation. This sounds lawful; it cannot be mere coincidence. The chart follows nearly exactly the drought situation during the later part of 1953, with rainfall at the East coast, northeastern part, and a gradient, as it were, in dryness toward the southwest.

The extension of the region with above normal rainfall toward the southeast falls easily into place with the procedure of the rainfall on the line of the Galactic Stream toward the southwest. The chain-reaction could easily just have continued southwest-ward. The detailed interrelationship of the two charts is, of course, unclear, but as a guiding line for further study it serves its purpose well:

ORANUR WEATHER CONTROL will needs have to follow such interconnections between

- a. *the main currents of the atmospheric OR energy streams,*
- b. *the basic directions of ORANUR Weather Operations, and,*
- c. *designed or unexpected changes in the formation of weather and climate in consequence of the engineering of the OR envelope of the planet.*

We must also take cognizance of the fact that the range through chain reaction of the cloudbusting operations is rather large, many hundreds of miles.

This last circumstance gives rise to serious thought about possible damage which could be inflicted upon an unsuspecting population if adequate regulation of ORANUR Weather Control Operations would not go into effect soon and be efficiently followed by social administration and population alike.

2. SPACE SHIPS AND SPACE PROBLEMS

Operation "Galactic OR Stream" had demonstrated the tremendous power of a single cloudbuster, brought into action on the basis of the knowledge of the Cosmic OR Energy streams. It was immediately clear what this would mean in the hands of sick men. Therefore, the legislative procedures of the Eisenhower administration which tended to secure safety in weather control were greatly appreciated.

This operation had also clearly shown where further experimentation would lead. In order to make the COSMIC functions clear which are entailed in OROP DESERT, a great amount of experimental and deductive evidence would have to be presented; a task which has to await its proper setting for its settlement. It should only be indicated briefly:

Weather Control on the basis of Oranur leads into cosmic functioning BEYOND THE EARTH GLOBE. In other words, interplanetary and intracosmic connections in the broadest sense are involved.

This brings us back to the starting points of this report: the problem of space ships and space problems.

It is impossible to tell on a few pages the whole story of organomic research in the realm of cosmic functioning. Instead, I shall tell how I became interested in the "Flying Saucer" problem.

Ten to fourteen years ago, 1940 to 1944, soon after I had discovered the OR energy in the atmosphere, the cosmic implications gradually became evident. Physical pendulum experiments (1944) led - with the true spontaneous logic of objective functions - toward *organometric equations* concerning numerical relations in the cosmic OR energy functions. The result was a *pendulum equation*:

$$l \cdot t^2 \neq 100$$

and a *mass-free energy equation*:

$$\mathcal{E}_{\sigma} \neq p \cdot W \neq l c \cdot \lambda s \neq \lambda^2 s^2$$

A manuscript in German was written in an attempt to work out details. The equations and the manuscript together with some charts were put away into the archives. The reason was this: I did not believe mathematical equations to be worth publishing

unless they were confirmed by *physical observations and experiments*. I had acquired this attitude when I discovered the physical phenomena of atmospheric and cosmic energy which fills the universe; then I compared my factual observations with the purely abstract, mathematical formulations which had emptied space, declared the "ether" to be non-existent and — as a makeshift on a narrow factual basis — not only had blocked further factual physical research, but also stood in the way of the true comprehension of the cosmic primordial energy.

The crucial importance of the subject for the understanding of "Visitors from Outer Space" may excuse my blunt language.

Thus, I waited many years for further factual developments. These developments began to show up when, after a pause of three years (1944-1947), I started my work on vacua ("VACOR") as described in the Oranur Experiment. The OR energy motor, too, was then in the process of being worked out. It was published in the first number of the OEB, in 1949.

I knew of the existence of a "saucer" problem around 1950. But I never had paid much attention to it. The idea of visitors from outer space did not at all seem strange to me. Why should only the Earth be inhabited by intelligent beings? There was no reason whatever to assume such a thing, except because of one's vanity as a homo divinus or sapiens; solipsism on the part of man was too well known from the phantastic cruelties of an age, only 4-500 years ago, which thought the world to be flat and also to be the center of the whole universe, with man as its focal point of divine attention.

The fact of space ships coming down to Earth was therefore nothing "new." I had heard about it on the radio at times. But it was never in the center of my attention. This, in spite of the fact that friends had told me of saucers having been seen near Orgonon in 1951. Even, when in August of 1952, standing on the front porch of my summer house at Orgonon, I heard something buzz by from horizon to horizon, SW to NE within a few seconds. I paid little attention to it.

My interest in the saucer problem was seriously awakened in the following manner, to repeat my brief report contained in the second chapter.

We had suffered gravely from the black substance which had poured down over Orgonon since April 1952, the so-called

"Melanor." It was obvious from all appearances that this Melanor (see "The Blackening Rocks," OEB, 1953) came from somewhere in the Universe. But only in November 1953, when I first read the Keyhoe Report, did things begin to fall into place.

Disclosures regarding the Flying Saucers, such as *noiselessness, bluish shimmering lights, rotating discs* underlying their motion, fell into place with some of the facts I knew well from cosmic OR energy functioning: functions such as silent operation which I had experienced when the OR motor had been worked on in 1947-1948, or blue lumination in 0.5 micron pressure vacuum tubes. The old organometric functions came back, one by one, especially those which had dealt with the gravitational equation:

$$g_{\text{or}} \neq \rho \cdot t^2 \neq 100$$

The facts confirming these abstractions seemed to be at hand now, in a strangely practical manner. Things tied in further. Function after function coordinated itself with what I had read about the "unidentified objects." The final picture as of today is about this:

1. The "CORE men" (CORE = COSMIC ORGONE ENGINEERING), as I came to call them, apparently were thoroughly conversant with the laws of functioning in the cosmic OR energy ocean, especially with gravity as a function of superimposition.
2. They use cosmic OR energy in propelling their machines.
3. Their "blue lights" were in agreement with the blue color characteristic of all visible OR functions, sky, protoplasm, aurora, sunspots, depth of moon valleys as seen at dusk, the color of OR energy lumination in vacor tubes, etc.
4. The changes of color from blue to white or red, etc., I knew well from various studies of OR phenomena and I had seen some practically in vacor tubes.
5. The CORE men were obviously riding their space ships on the main OR energy streams of the Universe (see COSMIC SUPERIMPOSITION on "Galactic and Equatorial Streams").
6. The tremendous speeds which they were able to achieve were not in disagreement at all with the tremendous quantities I had calculated for the OR energy streams of the Universe in 1940 to 1944. (There are still many gaps there, and many uncertainties. The tables of the kr^* number system are in my possession.)
7. A speed of 10 or 15 thousand miles per hour did not appear impossible in the light of these numbers; on the contrary: It appeared quite natural.

8. They rotated their discs in harmony with the OR waves they rode on. Rotating discs describe exactly what I had calculated 10 years previously as the so-called KRW ("Kreiselwellen") or SPINNING WAVES, without any knowledge of space ships actually riding cosmic OR waves. From these waves, I had derived my mass-free equation:

$$\mathcal{E}_{\sigma} \neq \lambda^3 s^2$$

Things were fitting well, even too neatly for my taste. Therefore, I hesitated to tell anything to anyone about them. I only worried about what might have happened to the facts and equations which a student had acquired in 1947 to 1949. He had worked on the OR energy motor, and he disappeared in 1949 under mysterious circumstances.

9. Just as space is not empty, light does not "come down to us from the stars and the sun." It is an effect of lumination in the OR energy envelope of the planets. *It is a local phenomenon.* Therefore, there is theoretically no limit to speed in cosmic space, except technically. This agrees with the apparently limitless quantities in energy functions which characterize the organometric "kr* system" as progressing in geometric proportions. These organometric calculations seem to be applicable to the technological problems of the Cosmic OR Energy Streams.

There are times in the history of man when all slogans of the day become suddenly meaningless; when eternity seems to come home to every single living soul. The end of 1953 was such a time.

APPENDIX A

RULES TO FOLLOW IN CLOUD ENGINEERING

1. Shed all ambition to impress anyone.
2. Never play around with rain making or cloudbusting. The OR envelope which you tackle while "drawing" energy from the atmosphere is an energetic continuum of high power. You may cause twisters. You may stir a forest fire into a wrong direction. You may do other damage without intending to do so. Never do anything unless you *must*.
3. If experimenting: it is more important to observe and know why you are doing what, than to achieve immediate results. Slowly growing comprehension will secure later results safely.
4. In cloud engineering you do *not* "create rain," — you do *not* "destroy clouds," — briefly, you are not playing God. What you do is solely helping nature on its natural course.
5. Have your equipment, truck, etc. especially all metal parts well grounded into water, preferably flowing water. Lack of grounding imperils your organism.
6. Do not let workers draw OR energy *any* longer if they become blue or purple in their faces or feel dizzy. Exchange the workers; let them rest far enough away, and have their faces and arms always wetted down with fresh water.
7. Do not hold on to pipes or other metal parts while you draw on. Always use a separate plastic or wooden handle to move equip-

ment while drawing. Have your hands always well insulated with rubber or heavy cotton gloves.

8. Have signs put up in such a manner that no one is hurt by or charges. Do not let people stand close by. Among them may be men or women who are ill and would run some danger to their health.

9. Never "drill a hole" into the sky right above you unless you aim for a long drawn rain.

10. When you feel a breeze or wind setting in due to your operation, stop drawing if the wind becomes too strong or even if it acquires the appearance of a twister.

11. If you wish to remove DOR clouds, *draw in direction of run of OR envelope.*

12. If you wish to DESTROY clouds or to stop rain, *aim at center of heaviest clouds.*

13. If you wish to make clouds grow heavier, draw from the vicinity of the smaller clouds, and leave the large or heavy clouds undisturbed.

14. If there are no clouds in the sky and clouds should be created, disturb the stillness or evenness of the OR envelop all around you by brief, sweeping draws and *draw mainly against the run of the OR envelope.* To create clouds you must create differences of OR energy potentials.

APPENDIX B

ORIGINAL PROTOCOLS OF THE FIRST 97 DOR REMOVAL AND WEATHER CONTROL OPERATIONS

No	Date	Place	Act. in	Effect	hookey	Result
1	5.2.52	CL+	OK	OK	—	2?
2	5.3.52	CL+H+OK	OK	40/100	11.10.11	+++
3	5.4.52	R...	—	1.2.2.2.2.2	18.10.11	way
4	5.5.52	S-CL	OK	5++	12.10.11	off
5	5.6.52	CL	OK	S+	—	—
6	5.7.52	S+K	OK	CL (P)	ST-4.10.11	—
7	5.8.52	P.152	—	CL (P)	—	—
8	5.9.52	P.152	—	CL (P)	—	—
9	5.10.52	CL+H+OK	—	—	—	—
10	5.11.52	Clouds in sky	400, 6.11.52	—	—	—
11	6.1.52	Return 3	After Clouds	—	—	—
12	5.12.52	S-CL	—	—	—	—
13	5.13.52	CL	Thin Forming	—	6.11.52	—
14	5.14.52	CL-H	Obscure	—	—	—
15	5.15.52	CL-R	Obscure	—	—	—
16	5.16.52	CL-R	Obscure	—	—	—
17	5.17.52	CL-R	Obscure	—	—	—
18	5.18.52	CL-R	Obscure	—	—	—
19	5.19.52	CL-R	Obscure	—	—	—
20	5.20.52	CL-R	Obscure	—	—	—
21	5.21.52	CL-R	Obscure	—	—	—
22	5.22.52	CL-R	Obscure	—	—	—
23	5.23.52	CL-R	Obscure	—	—	—
24	5.24.52	CL-R	Obscure	—	—	—
25	5.25.52	CL-R	Obscure	—	—	—
26	5.26.52	CL-R	Obscure	—	—	—
27	5.27.52	CL-R	Obscure	—	—	—
28	5.28.52	CL-R	Obscure	—	—	—
29	5.29.52	CL-R	Obscure	—	—	—
30	5.30.52	CL-R	Obscure	—	—	—
31	5.31.52	CL-R	Obscure	—	—	—
32	5.32.52	CL-R	Obscure	—	—	—

EVALUATE OR

DOR - Removal, Dots

(70) 6.15 Heavy Th, 4 → E, Army. you
 52, Organ, you 'stir' felt
 10-11 am Red blood and bly. yes.
 T observed Hole in the wall observing
 TH Obs. acts in disrupt it.
Disrupt

(71) 6.16 Clear Sky, Black DOR to Horizon
 52
 6:45-7:15 am DOR to North Row 4-2E.
 20 minutes.

(72) 6.17 52 see CORE PROT
 17-18 (TH) disrupt of gully
Road.

(73) 6.24.52 DOR + Removal - at East-RT
 Don't + + the land of

(74) 6.26.52 Heavy th storms all
around Organ, as
 TH at Organ
 Hopper and splitting
 of TH - Clouds
 Observing Heavy charged

⑤

37⑤

(75) 6.28.52 Beautiful, DR - Day
 All People feel well.

(76) 4th July beauty weather
 Ave found with expected
 should work rain on 7.7-8.
 - 7.7. hour of (TH) stopped
 disruptive.

(77) 7.6.52 Dedor 7:45-8:30 pm
 at creek or canal: P = old

No East section
 DOR Removal + + + (100)
Again using DD Stee
 Right breeze from E
 Cloud formation in 4.
 Dissolution of (C) again 2 holes

(78) 7.7.52 L + + +, hot, blue mountains
 are found obscure 7.4 am
 R.1.2 m to 1.4 to above E → 4 m
 large pond with 3 p. yes
 breeze from South-E at 10:40
 (R) 2.2.52 - Free 20' etc. DD

⑧ 84 7.18.1952 Dry 100L
21.55E → 23.10L (70 mi)
R E, Jan. 1952.

Closed sky after days
of future to hold
10.56L sky still
sky overcast looks.....

Result? On 7.19.52, 3.40h

① night, CE + + + +
3 hours R air + +
Cool off

① R worked to Portland
but found only 25% N
25% N

⑧ 85 7.21.1952 9.30-10.30 pm
2/20-22.30 pm
- Hot, cloudy, heavy sky

① Removal of CE to the sky
① R cannot rain beyond 10.30
① Decision to drop to make
CE still and cohere
① Result: + + + + +
① Tied down from CE
① E., South, N.
① CE in W, S, strong

① R 9.30h → 7.4 am

With Raper had Rain old
night, 30% dry

⑧ 86 Clear sky, much sea in Veb
7.22, Over 2/30 - 22.15 h E, N, mainly
52
① in SE rapidly going, d.m.p. 10
7.23.52 Sunny day, clear 2h
① R 7.4 am, CE E, N, S, W, 10
① CE 7.4 am, R in Veb, 10.10

- (12) Rangely - Center 41
 R +++ 015^h, 8.3.1952!!
 51.30 L
 C +++ 8.3 → 4 up R
 C 8.4.52, but no R
 5.4 in d, 10^h - 1000 ft
 down to over again, down
 because bluegray filled in
 R 14^h - 1630h
 all night to 8.5.52
 R before with S-wind -
 8.4. Tel. to Portland airport: No R 8.4.52
 8.5. Tel. Portland with 8.5. 10am R to Frank
 8.5. Tel. Norman from 930am R to Frank
 8.5. Tel. Curtis bridge 9am R to Frank
 8.5. 10am R to Frank

Chain Reaction of Loins?

- 8.6. R in Rangely.
 8.5.6. Chain reaction R in W. N. E.
 "Drought broken" Rodger report 8.7.52
 8.9.52 C in morning → R? 2 attempts
 1200 hours S-wind → R?
 five "push" if necessary.

- Corwin Engineering: Cloudbury
 Center 2-4 in dump.
 (8.10.52) C found during
 night, no R
 Wind from E. -
 Shall I stop? From due to this
 it cannot seem to rain!!
 O. El. Rodger later for first time
 in weather under charge
 Drought well broken with
 spontaneous R on
 8.10-11, 1952
 Inform Town office of R drought
 not our doing.
 8.11.52 at Santa Ridge R R
 Cause: Mountain Range to back
 prevents R coming up North
 from speed to the S.

⑧

⑨② Have DOR @ on
8.19.52, all day, esp
6-7 pm - DOR was
over house - surrounded
by OR in heavy luminous
fog. Only thing
house inside people



How 2.2

⑨③ 8.24.1952, 945 am
⑨④ + ⑨⑤ since 4 days
Cold 50 → 40 → 32 °F
But Rain 115/121
See 8.29.52

⑮

43 u.

⑨④ 8.25-26, 52
DOR very good
in form, worst in
Farmington
Obs. 80-100
Lowhouse 400
Country Club 40.000
→ 100.000
Nicoban Camp 40.000
→ 100.000

Day before:

Observatory 800
Rampart 1000
Disfield 40.000
Rumford 4000

⑨⑤ 9.1.52 DOR Removal of Rm
DOR unbroken
From Hrd - Smith Blue + 1/2
DOR returning after 4 hours
hears

(15) Cosm. Supp. DOR - Removal
 Hedon. Effect Cont. of
 (1) DOR DOR How
copying taken
 (95 cont) DOR used, theory
at 730 pm + 100
night, next day in morning
DOR again 9.3.52
But DOR 2 persons -
 (96) De elongation
at Arroyo Panoal → from
3000 pm rec of DOR
better than Curtis Ridge,
On 9.6.52 - ++
Blue com. purely
 (97) 9.10.52 T.R. obs at ORL
causes 2 hour (R) obs
print relief.

APPENDIX C

Documentary Record on Information Given Regarding ORANUR, DOR and WEATHER CONTROL

1. Letter to the National Research Council, Washington, D. C., January 30, 1952

January 30th, 1952

National Research Council
Washington, D. C.

Gentlemen:

In connection with the running Oranur Experiment (the first report was sent to you on November 29th, 1951), we would like to inquire which institution of the U.S. government would be the right one to receive from us important information on observational and experimental results regarding cosmic orgone energy.

Our institute is continuously flooded with observations which cannot or should not be published at the moment, and which, still, could be helpful in some important way to other institutions. The information would be given in the form of letters.

May we expect your kind answer soon.

Sincerely yours,

Ilse Ollendorff
Laboratory Assistant

2. Letter to David H. Stevens, Commissioner, Department of Health and Welfare, Augusta, Maine, May 9, 1952

May 9th, 1952

Mr. David H. Stevens, Commissioner
Department of Health and Welfare
Augusta, Maine

Dear Mr. Stevens:

Miss Grethe Hoff told me about the discussion she had with you regarding the developments of the Oranur experiment. I feel the best way to go about it all would be if the engineer who visited Orgonon once last year while Oranur

was in its infancy would care to visit Orgonon again. It would be much easier to talk things over than to write an incomplete and probably misleading report.

Would you please let me know whether such a meeting would be feasible as soon as possible? I would be very glad if you would partake in such a discussion.

I am enclosing a few brief notes for a rough orientation only, on the scope of the matter.

Sincerely yours,

Wilhelm Reich, M. D.

3. Letter to David H. Stevens, Commissioner, Department of Health and Welfare, Augusta, Maine, June 4, 1952

June 4, 1952

State of Maine Health & Welfare Department
Mr. David H. Stevens, Commissioner
State House
Augusta, Maine

Dear Mr. Stevens:

I wish to inform you that I am succeeding in removing the dangerous DOR effects over the Rangeley region (see THE ORANUR EXPERIMENT *First Report*) by way of influencing the formation and movement of clouds. The results will be published in due time.

Would you be kind enough to forward the enclosed carbon copy of this letter to the appropriate agency of the Federal Health Service?

Sincerely yours,

Wilhelm Reich, M. D.

4. Letter to the Office of the President, The White House, Washington, D. C., June 7, 1952

June 7, 1952

Office of the President
The White House
Washington, D. C.

Gentlemen:

I regret to have to bother your office again. However, the events which accompanied the Oranur Experiment are autonomous and beyond my control.

I am transmitting to your office, in the same mail, a small box containing some sample of various minerals. These minerals have been changing visibly from day to day under the impact of high Oranur activity. I felt it my duty to keep you informed on these events. It is known to me and to several other people in my vicinity that changes of a similar type have been taking place in the Forest Hills region of New York.

Sincerely yours,

Wilhelm Reich, M. D.

Ref: 10363-ORANUR-129

SENT REGISTERED: Return Receipt

5. Letter to Fred J. Nutter, Maine Commissioner of Agriculture, State House, Augusta, Maine, August 9, 1952

The following letter was written on August 9th, 1952, to Mr. Fred J. Nutter, Maine Commissioner of Agriculture, at State House, Augusta, Maine, after a heavy rainfall, induced by "drawing" at Rangeley mostly from the north northwest, reached the coast on August 6th, and Boston on August 10th, 1952, in a relay-like fashion. This experiment was successfully repeated in breaking the severe drought in October, 1953.

"This is to inform your office of the following facts: During the past 2 - 3 months, Wilhelm Reich has succeeded by using the orgonomic potential (see enclosed publications) in the formation and destruction of clouds over the Rangeley region, to the extent of rain making. The rain on July 10th and 11th, the thunder showers on July 14th, the rain on July 29th, and on several other dates were results of experimental work on atmospheric orgone energy at this institute.

We have reached a point where continuation of our operations without state assistance would go beyond our means as well as obligations, and would also involve some risks, since everybody in this region knows what we are accomplishing in rain making, and someone might get the idea of blaming us for too much or too little rain.

This institute is perfectly satisfied, after 3 months of experimentation in 'cloud-busting,' as it is called, and contemplates to transfer its activities to arid desert areas. Should the Agricultural Department, or the State Department of the State of Maine wish to make further use of these first experimental results in rain making and rain stopping

from the ground, it may make contact with this Institute or Wilhelm Reich directly for further information and operation.

It should be furthermore stated and kept on record that the squelching of the fires in Maine and Massachusetts of July 9th and July 29th, were results of our experimental cloud busting from the ground. The rains of August 3 and 5, in the New England region, spreading from Rangeley, were results of our experiments on August 1 and 2, as reported to the Town Office in Rangeley on August 1, 1952.

This information is obviously a crucial one, not only for the State and the whole of the United States with its agricultural problems, but especially with regard to the role which the U.S. may eventually play in the arid regions of the world, as for instance in the South Western U.S., Mexico, South America, India, Near East and Middle East. The responsibility is, accordingly and inevitably, everybody's, not only ours. We thought it our duty to inform you of these events, in order to share the responsibility. An extensive publication of these orgone energy experiments will follow in due time, and copies of the publications will be sent to you."

6. Letter to Burton M. Cross, Governor, State of Maine, Augusta, Maine, May 13, 1953

In early May 1953, the first signs of a coming drought were apprehended. The following letter was written to the Governor of the State of Maine, on May 13th, 1953:

"We wish to inform you of the following:

In April, 1952, this Institute has started experiments in atmospheric Orgone Energy control. During the drought of 1952, very cautious first steps were undertaken in this direction which resulted successfully in the construction of a machine called 'Cloudbuster.' Three such Cloudbusters, constructed at the Southworth Machine Company, in Portland, are at present located at Orgonon, Rangeley, Maine.

We intend, during the coming summer months, to proceed further in our weather control experiments at a more advanced rate, and with greater intensity than last year. It happened already this year, as it did last year, that weather predictions by the Portland and Boston weather stations were upset or contradicted by our experiments. This fact may endanger aircraft pilots and also embarrass the weather stations. Therefore, we prefer to inform you of these facts. Cooperation with other agencies of the State will, we believe, become necessary in order to cope with the situation.

The tendency toward a new and severe drought this summer is clearly discernible to the Orgone Institute. Therefore, operations with the Cloudbusters are concentrating on the fire danger with the aim of keeping Maine wet and green. First steps in making contact with the Forest Fire Control Service in Franklin County have been taken, and we would appreciate your cooperation in furthering the coordination of the various public services concerning weather control and forest fire prevention.

A first publication on the subject is enclosed; other publications will follow."

7. Report on OROP ELLSWORTH in the Ellsworth American, July 8, 1953

September

Rain Monday Night Caused By Rainmakers

The Orgone Institute of Rangeley, under the direction of Dr. Wilhelm Reich, conducted a rain-making operation in the Ellsworth area on Monday morning, July 6. Dr. Wilhelm Reich is the discoverer of Orgone Energy, the Cosmic Life Energy of the atmosphere, and is the Director of the Orgone Institute.

In preparation for the Ellsworth "Drawing" a preliminary "Drawing" was done on Sunday, July 5, at Orgonon in Rangeley, Maine, with some results in that region during the night of Sunday, July 5. The second "Drawing" was done in the Ellsworth region during the late forenoon of Monday, July 6. The "Drawing" operation was con-

ducted for a period of one hour and ten minutes. Cloud formations began to set in around 4 p.m. Monday afternoon with rain beginning at Ellsworth at approximately 10 p.m. Monday night, July 6. The rain came first in the form of a drizzle and later, around midnight, changed into a steady, gentle rain which continued until after 8:30 Tuesday morning.

The first experiments were conducted by the Orgone Institute in April of 1952, under the direction of Dr. Wilhelm Reich at Orgonon, Rangeley. The drought of last year was broken by this type of weather control upon August 2, 1952. While still being in the experimental stage, with many problems yet to be solved, the following operations seem to be work: rain-making, Rain-stopping, and Fog-lifting.

Ellsworth American

July 8, 1953.

227 A.K.

8. Report on OROP ELLSWORTH in the Bangor Daily News, July 24, 1953

HAS MAINE SCIENTIST ANSWER TO RAINMAKING?

By Anthony F. Shannon

A solution to drought — a word that has meant disaster to farmers for hundreds of years — may have been found by a Maine scientist.

And the day when growers may confidently turn to "rain makers" to save their crops could now be on the brink of reality.

At least that's what two Hancock county blueberry growers would like to believe.

LOSING CROPS

The two men, on the verge of losing their crops to the whims of nature, took a chance when a scientist told them "I think I can give you some rain within 12 to 24 hours." And the chance paid off.

They got their rain and said they were satisfied with both the quality and amount.

Here's their story:

On Friday, July 3, when the drought in Northern and Eastern Maine was at its worst, the two men were approached by William Moise, a resident of Hancock, who said he knew of a scientist who might be able to solve their problem by giving them rain.

Moise said the scientist was Dr. Wilhelm Reich, head of the Orgone Institute at Rangeley, Maine, and discoverer of "Orgone Energy, the Cosmic Life Energy of the Atmosphere."

ADMITTEDLY DOUBTFUL

Admittedly doubtful at the prospect of "rain making," but anxious to save their crops, the two men made a contract with the Rangeley institute on a "produce and pay" basis.

The understanding was thus: if the scientist produced rain, a given sum would be paid; if he failed, no money would be forthcoming.

One of the two growers — both of whom prefer to remain anonymous — claims the Boston Weather Bureau predicted there would be no moisture in the area for the next 36 hours, or at a time the experiment would be conducted.

Dr. Reich and three assistants set up their "rain making" device off the shore of Grand Lake near the Bangor Hydro-Electric dam at 10:30 o'clock, Monday morning, July 6. The device — a set of hollow tubes, suspended over a small cylinder, connected by a cable — conducted a "drawing" operation for about an hour and 10 minutes.

The scientists and a small group of spectators then left the lake site to await results.

They were soon forthcoming.

According to a reliable source in Ellsworth, the following climatic changes took place in that city on the night of July 6 and the early morning of July 7:

Rain began to fall shortly after 10 o'clock Monday evening, first as a drizzle and then by midnight as a gentle, steady rain. Rain continued throughout the night and a rainfall of .24 inches was recorded in Ellsworth the following morning.

A puzzled witness to the "rain making" process said, "The queerest looking clouds you ever saw began to form after they got the thing rolling." And later the same witness said the scientists were able to change the course of the wind by manipulation of the device.

The following two days, no rainfall was recorded in the area. But Thursday — when the weatherman had predicted a fair day with little change in temperature — rain fell in Ellsworth Thursday morning. It started as a light drizzle at 6:30 o'clock and changed into a hard rain that lasted until 10 o'clock that same morning.

Monday, July 13, the drought was broken when heavy rain fell throughout most of the East. A total of 1.74 inches of rainfall was measured in Ellsworth — greater than any other section of the state.

The growers who contracted the Rangeley Institute claim they were "perfectly satisfied" with the results of the operation, and one man said if severe drought were to strike again, he would call on the "rain makers" a second time.

In preparation for the "drawing for rain" at Ellsworth, Dr. Reich said a preliminary drawing was conducted in the Rangeley area, Sunday, July 5. But, as the device is still in the early stage of development, the scientist said he was not certain to what extent the drawing at Rangeley affected results obtained at Ellsworth.

NEW TYPE

He said his discovery was a new type of weather control which "triggers" — or stirs — the atmospheric Orgone Energy in such a manner the tendency for drought in the atmosphere is reversed. The tendency for rain, he added, is once again established.

According to reliable sources, "rain making" up to the present time has been confined primarily to cloud seeding — a process by which cloud formations are "seeded" with a chemical solution which produces rain.

The Rangeley scientist believes his discovery also will prove valuable in rain-stopping and fog-lifting.

A successful "drawing operation," according to Dr. Reich, means not only some immediate rainfall in the local area, but more important

it means the drought tendency in the atmosphere is gradually reversed over an increasingly larger area and the drought "spell" is broken.

The discoverer says the first experiments in this type of weather control were conducted by the Orgone Institute at Rangeley beginning in April, 1952. The scientist believes last year's drought was broken following his "drawings" and feels indications point to a break in this year's drought for the same reason.

Asserting first that the "rain making" process is still in the experimental stage with many problems still to be solved, the Rangeley scientist believes his operations thus far have proved "successful." The result, according to Dr. Reich, was a mere by-product of the "Oranur Experiment"—an anti-nuclear energy experiment—conducted at Rangeley since 1951.

An extensive first report of this experiment, he said, appeared in 1951 and can be obtained from the Orgone Institute Press. He added basic principles of device could be obtained from Orgone Energy Bulletin, October, 1952.

Dr. Wilhelm Reich was born in Germany* and has resided in Maine for the last 14 years. He became a resident of Maine five years ago.

9. Letter to Ivan Ray Tannehill, U.S. Weather Bureau, Washington, D. C., October 29, 1953

Hancock, Maine
October 29, 1953

Mr. Ivan R. Tannehill
U.S. Weather Bureau
Washington, D.C.

Dear Mr. Tannehill:

We refer to the experiments in the realm of Atmospheric Orgone Energy Control which have been conducted at the Orgone Institute over the past 18 months. During these operations, weather bureaus have frequently been forced to change predictions; on other occasions the forecasts became contradictory due to ORANUR Cloudbuster operations in the North East. This situation, we feel, may endanger air and sea travel.

It was, therefore, decided to file with your office reports on every ORANUR Weather Control operation which could possibly have a bearing on either sea

* WR was born in Austria, not in Germany.

or air travel. We do not have the facilities of nationwide communication. Should the central Weather Bureau in Washington feel that our operations should be in any way coordinated with public needs, we shall be glad to cooperate. The experiments, which are resulting also in rainmaking, are basically ruled by our research activities concerning engineering of the Atmospheric Energy Envelope of the planet; COSMIC ORGONE ENERGY ENGINEERING (CORE). Problems of Drought and Desert Development are emerging from these research activities.

Sincerely yours,

William Moise
Secretary
Oranur Weather Research

10. Letter and enclosure to William T. Couch, Editor-in-Chief, Collier's Yearbook, New York City, N. Y., October 30, 1953

October 30th, 1953

Mr. William T. Couch, Editor-in-Chief
Collier's Year Book
P. F. Collier & Son
640 Fifth Avenue
New York 19, N. Y.

Dear Sir:

We are returning to you enclosed the completed data sheet with the requested information on our Foundation. For additional information, the following publications have been mailed to you under separate cover: The First Bi-Annual Report on the Activities of the WR Foundation; First Report on the ORANUR Experiment, 1951; Bibliography on Orgonomy; The Orgone Energy Accumulator.

Sincerely yours,

I. O.
THE WILHELM REICH FOUNDATION
Clerk

THE WILHELM REICH FOUNDATION

Data Sheet, page 2, for 1954 Edition of COLLIER'S YEAR BOOK

Names of Principal Officers:

Wilhelm Reich, M.D., Basic Orgonomic Research, Chairman
 Elsworth F. Baker, M.D., Orgonomic Medicine
 Orgone Institute Research Laboratories, Inc., New York
 Ola Raknes, Ph.D., Orgonomic Psychiatry for Scandinavia, Oslo, Norway
 Walter Hoppe, M.D., Orgone Institute Research Laboratories, Ltd., Israel

Name of Corresponding Officer: same as above

<i>Operating Capital:</i> 1953 — appr.	\$130,000
Cash —	\$ 40,000
Fixed Assets	\$ 90,000

Major Grants or Major Kind of Grants in 1953:

ORANUR Experiment (including DOR Cloud "killer smog" removal, OR Energy Engineering, Oranur Chemistry)	\$18,000
History of Orgonomy	\$15,000
Children's Relief, including Wilhelm Reich Infant Trust Fund	\$ 7,000
	\$40,000

Major Events during 1953:

Comprehensive Conclusion of the ORANUR Experiment (i.e. Anti-Nuclear Radiation Experiment, see First ORANUR Experiment Report, 1951).

Solution of some problems of Desert Development, and successful Experimental Control of Atmospheric Energy conditions, including Rain-Making, Fog Lifting, and DOR Cloud ("Deadly Smog") Removal through the development of the "CLOUDBUSTER". (Drought in New England was broken on several occasions since summer 1953, see for instance, Bangor Daily News, July 24, 1953.)

First steps in the development of the chemistry of ORANUR.

11. Letter to William T. Couch, Editor-in-Chief, Collier's Yearbook, New York City, N. Y., November 21, 1953

November 21st, 1953

Mr. W. T. Couch, Editor-in-Chief
 Collier's Year Book
 P. F. Collier & Son
 640 Fifth Avenue
 New York 19, N. Y.

Dear Mr. Couch:

The Orgone Institute Press has mailed to you on November 3, 1953, the following public service publications, for your information:

First Bi-Annual Report, Oranur Experiment, First Report 1951, Bibliography of Orgonomy, The Orgone Energy Accumulator.

You will find in the Bibliography an explanation of the terminology of our research work.

The word "Orgonomy" cannot be found in a dictionary, first, because it is so young, and second, because quite a few well-hidden groups have been busy for a long while to keep this word out of listings, for reasons easy to surmise.

Sincerely yours,

THE WILHELM REICH FOUNDATION
 Secretary

P.S. A second set of the above mentioned publications has been mailed to you today, in case the first set was lost in the mail. Should the first set have arrived in the meantime, would you kindly return the duplicate set.

12. Letter and enclosure to William T. Couch, Editor-in-Chief, Collier's Yearbook, New York City, N. Y., November 23, 1953

November 23rd, 1953

Mr. William T. Couch, Editor-in-Chief
 P. F. Collier & Son
 640 Fifth Avenue
 New York, N. Y.

Dear Mr. Couch:

We have transmitted your inquiry of November 19th, to our research department, and have received the enclosed definitions. We hope this will satisfy your request. The booklet on the Orgone Energy Accumulator contains

in popular terms further detailed information on the functions-of the atmospheric Orgone Energy.

Don't hesitate to call on us again if you need further information.

Sincerely yours,

THE WILHELM REICH FOUNDATION
Secretary

Encls.

F-No. 11074

(11075)

ORGONOMIC TERMINOLOGY

The following definitions can be given, reduced to the simplest terms:

Orgonomy is a new science, denoting the realm of cosmic Orgone Energy, discovered by Wilhelm Reich between 1936 and 1940.

Cosmic Orgone Energy exists everywhere and penetrates everything. It can be demonstrated by way of temperature differences, electroscopic measurements, visually, and with the Geiger Mueller Counter. It is called *Life Energy* or *Organismic Orgone Energy* if it functions within living organisms.

Orgone Energy can be gathered from the atmosphere by way of the *Orgone Energy Accumulator*, first constructed in 1941, and has been in experimental use ever since on various diseases.

Atmospheric Orgone Energy has been called by various names in various disciplines, such as "heat waves" in meteorology; "bad seeing" in astronomy; "natural leak" in physics; "static" in electric technology, etc. Its basic color is bluish, or bluish-gray. High vacua can be charged with atmospheric Orgone Energy and luminate upon excitation by various stimuli.

ORANUR denotes atmospheric Orgone Energy in a state of severe excitation if irritated by nuclear energy, (see *ORANUR Report*).

DOR is a term denoting *Deadly ORgone Energy*, that is, Orgone Energy which is dangerous to living protoplasm. *DOR Clouds* are gatherings of such noxious atmospheric energy, usually called "smog" or "smaze". *DOR Clouds* have little to do with industrial smoke since they appear also in regions without any factories.

DOR Clouds have forced an invention, the so-called *CLOUDBUSTER*. *CLOUDBUSTER* operations make it possible to remove these dangerous *DOR Clouds*, and also to experiment with the atmospheric Orgone Energy in a technological manner.

Orgonomic Terminology

13. The Storm of November 7, 1953 - From the Archives of the Orgone Institute

The weather had been cloudy and very windy all night to November 4th. It became cold and it snowed in our region, with strong NW winds. The wind had the strength and bore the characteristics of a "backwash." The night to November 5th was extremely cold and the behavior of the atmosphere was peculiar.

On Saturday, November 7th, a freak storm, unpredicted and unforeseen, broke over the region of Philadelphia. A severe storm lashed Orgonon also. Heavy snow had suddenly fallen in New York and the Philadelphia region. Radio Boston reported that the head of the Washington Weather Bureau, Mr. Reichelderfer, had ordered an investigation of the causes that led to the failure of the forecasters to predict the storm. This storm had, at times, reached 80 Mi/h strength, i.e., hurricane velocity. The prediction had been "fair and cool." According to the "Herald Tribune" of November 8th, 1953, thirty vessels at sea had sent out distress calls. Dark, threatening clouds were hovering over the Hudson River.

The storm had all the earmarks of an artificial event due to faulty operations with a cloudbuster. Inquiry at Hancock showed that our operator had not "played around" (6:00 PM). At 8:00 PM I called Dr. Baker in Fair Haven, New Jersey, and asked him to find out whether anyone had drawn. I suspected a student who had been quite busy before, and who had been admonished not to operate any pipes directed toward the sky.

While New York reported SW winds, Hancock still had a wind blowing from NE.

On Sunday, November 8th, a telegram came from Dr. Baker, telling that the student whom I had suspected had drawn for half an hour at Philadelphia from the west to demonstrate the destruction of clouds to two curious physicians from the vicinity of Philadelphia. Also the spouses had attended. This revealed the true motive of the irresponsible operation quite clearly. A reprimand went immediately to the student with request for detailed report and warning. Another telegram went that same day to his training psychiatrist.

No student of surgery would dare to operate on people without asking them, cutting open the abdomen and taking out the

appendix, bleeding the patient to death, only after having seen one operation demonstrated to students of medicine. It would not occur to any student of medicine to invite people to such a demonstration. In organomic study, the element of contempt and ego support enter the scene. Therefrom stems the performance of irresponsibility and complete thoughtlessness. The patient who had drawn at Philadelphia had no idea of the November situation in the movement of the OR energy envelope; he had no idea of what destroying a cloud near the ocean during heavy weather could mean; he knew nothing about the various potentials that may be built up under such complicated circumstances as storm from west approaching the ocean, in combination with building up a potential over the ocean by drawing at the same time from the west.

14. Report on the formation of U.S. Government weather control committee, New York Times, December 10, 1953

U.S. TO DO SOMETHING ABOUT THE WEATHER

WASHINGTON, Dec. 9 — President Eisenhower today set up a board to disprove the adage that everybody talks about the weather but nobody does anything about it. The President appointed five civilians to complete a Weather Evaluation Board authorized by Congress last year. Capt. Howard T. Orville of Long Green, Md., a retired naval officer who now is a consultant to the Bendix Aviation Corporation of Maryland, was named chairman. This board is under instructions to do something about the weather. *Even more important, it is especially instructed to find out if some of the things other persons are doing about the weather are harmful to the national interest.*

The idea is to find out whether the seeding of clouds with dry ice to bring rain has more beneficial than harmful effects. Cloud-seeding was tried by New York City a few years ago.

The new board is no reflection on the weather man, but it will be in action while still another board, local in character, is investigating to find out why Washington's forecaster missed a freakish snowstorm last month that dumped six inches on a city that had expected virtually no snow.

Other members approved by the President are:

Joseph J. George of Atlanta, meteorologist for Eastern Air Lines.

Lewis W. Douglas of Sonoita, Ariz., former Ambassador to Great Britain who now is establishing the cloud physics department at Arizona University.

Alfred M. Eberle of Brookings, S. D., dean of agriculture at South Dakota A. & M. College.

Kenneth C. Spengler of Arlington, Mass., meteorologist.

By law, six Government representatives also will serve on the board as representatives of the Departments of Defense, Agriculture, Commerce, Interior, Health, Education and Welfare and the National Science Foundation.

The act creating the board warned that uncontrolled experimentation with weather modification projects might result in great harm to the nation.

The statement of purpose and policy added:

"The effect of the use of measures for the control of weather phenomena upon the social, economic and political structures of today, and upon national security, cannot now be determined. It is a field in which unknown factors are involved. It is reasonable to anticipate, however, that modification and control of weather, if effective on a large scale, would cause profound changes in our present way of life and would result in vast and far-reaching benefits to agriculture, industry, commerce and the general welfare and common defense.

"While the ultimate extent to which weather modification and control may be utilized is speculative, the application of such measures without proper safeguards, sufficient data and accurate information may result in inadequate or excessive precipitation; may cause catastrophic droughts, storms, floods, and other phenomena with consequent loss of life and property, injury to navigable streams and other channels of interstate and foreign commerce, injury to water supplies for municipal, irrigation and industrial purposes, and injury to sources of hydroelectric power; may otherwise impede the production and transportation of goods and services for domestic consumption and export and for the national defense; and may otherwise adversely affect the general welfare and the common defense."

The committee is directed to report not later than June 30, 1956. Its civilian members will receive \$50 a day when actually engaged in commission work.

15. Text accompanying film televised over Channel 6, Station WCSH-TV, Portland, Maine, March 30, 1954

Archive No. 11323 (F. No. 11411) CORE II

PART OF TEXT ACCOMPANYING TELEVISION FILM

(Mr. Joe Cobb took film and sent text)

Last Saturday, Dr. Reich admitted one of the few, perhaps the first reporter ever to visit Orgonon — the closely guarded laboratory — headquarters of The

Wilhelm Reich Foundation. This imposing structure of stone which contains the Doctor's plush study and the Institute's main laboratory dominates the scenic Rangeley countryside for miles. . . . Inside are benches covered with microscopes and in one corner, several Orgone Energy Accumulators

In the main laboratory are found culture studies in progress, more valuable scientific equipment, oscilloscopes, Geiger counters and photo-microscopes, together with a huge collection of ore-bearing rocks.

The photographer was warned not to remain in an adjoining darkroom too long because the radioactivity of these substances might fog the film he was changing. Diagrams, photographs of a distant galaxy, and vivid paintings cover the walls between the wide windows.

Although Orgonon is busy in summer, only handyman Tom Ross, William Moise, Peter Reich and the Doctor himself were there Saturday. And while Doctor Reich consented to show his famous rain-making apparatus, he said the atmosphere was too highly charged that day to allow a full-scale demonstration. But a dry-run with the machine was directed by Dr. Reich, shown at the right in this scene.

This is the device that is credited with saving last year's blueberry crop in the vicinity of Hancock, Maine, by causing a heavy rain. Dr. Reich calls it the Cloudbuster, and claims that with it, he can produce rain, stop rain, disperse fog, create and destroy clouds at will. The Doctor says, by changing the potential of atmospheric — or Orgone Energy.

This, the deep-blue sky and the snow-covered Blue Mountains that surround the Rangeley Region, is the source of this energy, which the Doctor calls variously "Life Force" or cosmic "Orgone Energy."

Doctor Reich claims its discovery, and is certain that its existence is a basic natural phenomenon.

16. Type of announcement used in notifying officials of OROP DESERT drawings on the US East Coast, 1954

Announcements, similar to the following text, were sent out preceding and at the conclusion of each Desert operation along the East Coast in 1954. These announcements were sent to the governors of the respective states, Air Technical Intelligence, commercial airlines and the Weather Control Commission.

Mayor Robert F. Wagner
City Hall
New York City, N. Y.

"In our letter of April 20, 1954 we stated our intention to make a brief experimental attempt at DOR cloud ("smog") removal over New York City. Results were encouraging, and on April 24th, between 6:40 and 7:40 AM, our brief ORANUR Weather Control experiment was concluded with a rain-making operation in an attempt to produce rainfall over the New York City watershed. Immediately following this final experiment, we sent you a telegram to notify you. This letter confirms the wire."

OROP DESERT

M. S. Silvert, M. D. Operator

17. Telegram to President Eisenhower, White House, Washington, D. C., July 12, 1954

Present severe killer heat is due to DOR clouds stop Means to end process disastrous to nation are available using Cloud Buster operations stop Relief possible upon specific request by US Weather Bureau stop Operators going to Washington to see Dr. Tannehill

Orgone Institute

18. Letter to Commander, Air Force Technical Intelligence Center, Dayton, Ohio, July 22, 1954

Reference: AFOIN-ATIAE-5

July 22nd, 1954

Om: E_a 11993

To the Commander
Air Force Technical Intelligence Center
Wright-Patterson Air Force Base
Ohio

Dear Sir:

Enclosed please find the galley proof of a publication on Spaceships, DOR and Drought, as a part of OROP DESERT. This report is scheduled to appear within a few weeks in the periodical *CORE*, a new publication which continues as Volume VI the function of the *Orgone Energy Bulletin*, 1949-1953. Chapter Two on spaceships and desert development, as well as the last part of the last chapter, was sent to you on March 19th, 1954, through the Air Force Base in Presque Isle, Maine, 1st Lt. Andrew Matyas.

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