

# DATA-NET

-- THE UFO AMATEUR RADIO NETWORK --

7900 HARVARD DRIVE  
BEN LOMOND, CALIFORNIA 95005

Vol. VII No. 2

February 1973

REPORT NUMBER 68

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DATA-NET  
7900 Harvard Drive, Ben Lomond, California 95005  
Phone: (408) 336-8525

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Control-Director.....WB6RPL, Michel M. Jaffe  
Editor-Publisher.....Mrs. Josephine J. Clark  
Alternate Control....W6BPV, Tom Thompson  
Assistant Control....WA5RON, Jerold R. Johnson

POLICY: DATA-NET feels sufficient evidence has been presented to prove that unidentified flying objects exist. We seek answers to the following questions: What are they? Where do they come from, and how? Why are they here?

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#### ANNOUNCEMENTS

REWARD: \$25.00 for an authentic photograph of a flying saucer. The DATA-NET reward is posted by some of the members; consequently it is open to members only. The photo must be sufficiently clear to show items of value. Preferably, the film should be unprocessed, with as much pertinent data provided as possible.

SHOP & SWAP: Any item WANTED, FOR SALE, or FOR TRADE may be listed FREE of charge. This service applies to members only.

RESEARCH LIBRARY: UFO books are available on request. Library services are FREE to members only.

MAGNETIC UFO DETECTOR: "The Saucer Seeker" by W9AUT is available from DATA-NET FREE to members only. A brief history of flying saucers together with the plans and parts list for building a "Saucer Seeker." Permanent magnets are available for \$2.00.

BACK ISSUES are available beginning with December 1969, Report #30. Many of the 1970 and 1971 issues are now out-of-print. Back issues are .50¢ per copy (.60¢ foreign) or 12 issues for \$5.00 United States and Canada, \$6.00 foreign.

SPECIAL REPORT: "A Study of 100 Iberic Landings" by Vicente-Juan Ballester Olmos and Dr. Jacques Vallee. Illustrated. \$1.50.

DATA-NET appreciates receiving all UFO related information; newspaper clippings, magazine articles, books, and sighting reports, also your suggestions and comments. We honor all confidential requests and will return material at your request.

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#### DATA-NET COMMUNICATION CENTERS:

Network schedule: WEDNESDAY at 7:00 pm PST = THURSDAY at 0300 GMT on 7.268(LSB).

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Dr. Bruce Murray has published a review of Dr. J. Allen Hynek's book THE UFO EXPERIENCE in SCIENCE, 25 Feb 1972, Vol. 177, 688-689. The article is entitled "Reopening the Question" and it is very positive toward Dr. Hynek.

## RESEARCH IN PROGRESS

### CONCLUSIONS OF THE STATISTICAL ANALYSIS OF THE UFO WAVE DURING 1968-69

-David Lopez and Felix Ares  
CEI: CENTRO DE ESTUDIOS INTERPLANETARIOS  
Madrid, Spain

It is really disappointing that after twenty five years of the UFO phenomenon "official" life, we are still at the beginning of its comprehension. Conscious of this fact and taking as a basis the rich cas-history compiled during 1968-69, we started the study which we are going to summarize in this article, by which we want to contribute our small grain of sand to this research.

Without any doubt 1968-69 have been the best studied years, since the history of the UFO phenomenon began in Spain, due to a very effective collaboration among all national groups and researchers.

As has been proved by previous experiences, the study of a single case will never provide conclusive results. This could be accepted unanimously, and for that reason the only resource left is to fall back on the statistical analysis which would enable us to go deeply into the search for definitive constants of the UFO phenomenon, and this is what we have tried to do with the case-history compiled during 1968-69.

We knew beforehand that the number of cases that we were going to handle, in order to make a thorough statistical study, was insufficient; nevertheless, in view of the possibility of future works of a wider scope, we decided to begin this study, which could help us as a tryout in experimentation with new methods and ideas, such as the viability of using electronic computers of great capacity and stored data.

At present, after the achievement of this work, we find ourselves in a position to undertake the larger study, mentioned in the foregoing, which will cover all the national case-history compiled down to the present day.

After this short introduction we will proceed to give a summary of the most interesting conclusions selected from one of our works, published under the title "Analisis de la Oleada 1968-69" (Analysis of the 1968-69 Wave).

#### 1968-69 WAVE

As is known the UFO phenomenon has always followed a cyclical rhythm, with an approximate frequency of two years. Our study is confined to the greatest "wave" registered hitherto in the world, although we will limit ourselves to the Spanish ambit exclusively.

The "wave" has its beginning towards the middle of 1968 and continues until the middle of 1969. In Graph 1 we can see the total distribution of cases during the period mentioned, grouped by months. Graph 2 represents the same but in groups of ten days (the distribution of types I in black, and types IV and V in shading).

#### CODE

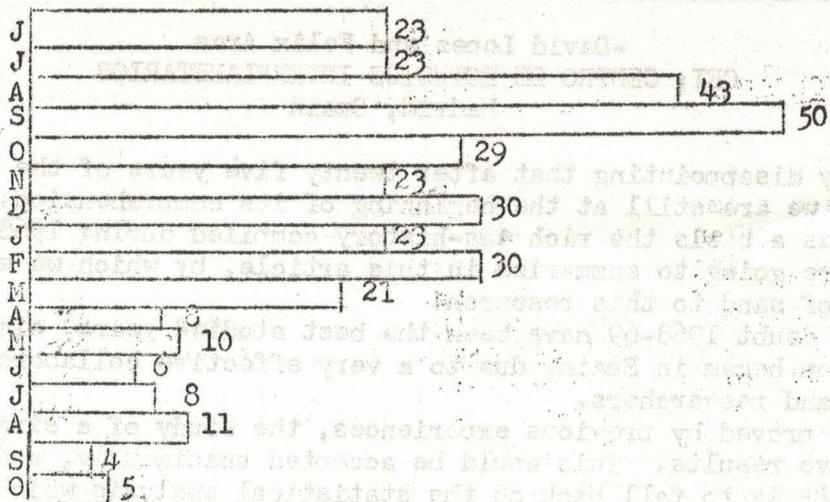
In order to proceed to an electronic processing of data it was indispensable to codify the cases, that is, translate each one to a language assimilable for the computer. Accordingly, it was necessary to work out a code which would enable us to assemble in eighty symbols, all the data of the cases which were needed for our study, such as: day, time, place, type, geology of the area, climatology, etc.

Owing to its importance in this article we will explain the code of column 34 (concerning types), based on, but not identical with, the one used by researcher Jacques Vallee in his first works:

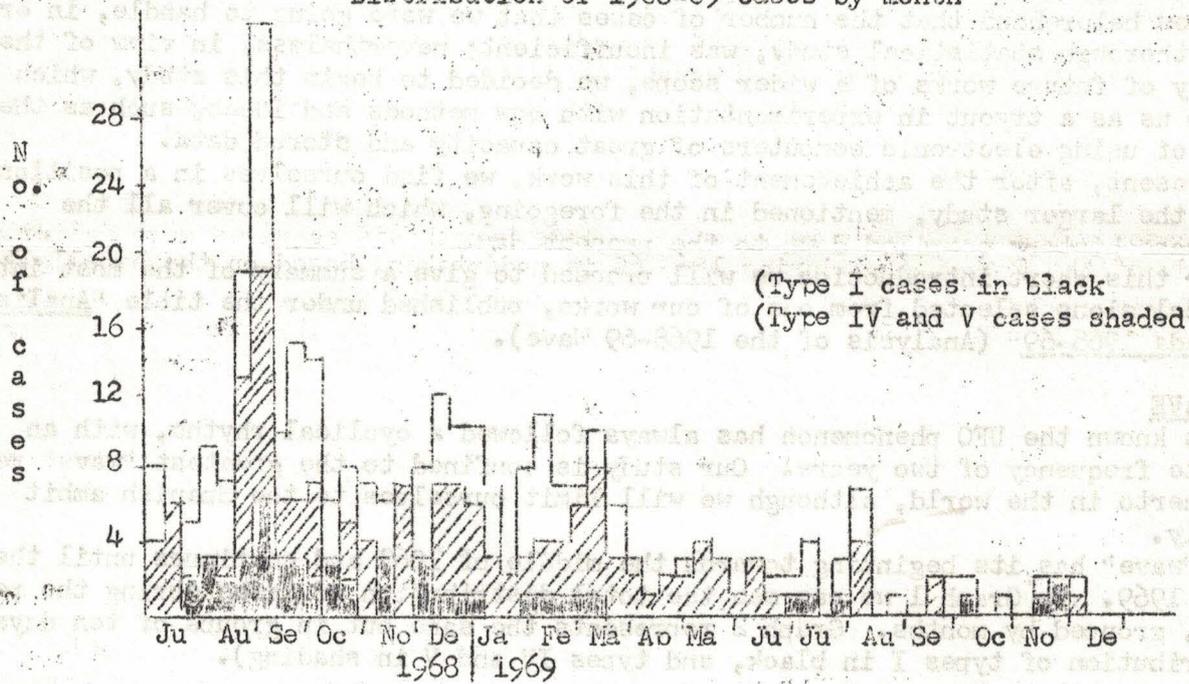
Type I: Cases of landing, evolutions at low altitude (without adhering to a specific altitude). Cases accompanied by electromagnetic phenomena.

Type II: Carrier craft.

Type III: Objects that perform evolutions at great altitudes, not feasible for conventional apparatus.



GRAPH NO. 1  
Distribution of 1968-69 cases by month



GRAPH No. 2  
Distribution of 1968-69 cases by 10 day intervals

Type IV: Similar to the foregoing, but performing evolutions feasible for conventional apparatus.

Type V: Luminous and instantaneous phenomena.

Each of these types, in turn, is divided into multiple sub-types which are registered in column 25.

As a matter of curiosity for the reader, we are going to show how a case would be codified. For lack of space we have chosen a short case.

"BADALONA - October 25, 1968, 8:40 pm., three people saw peculiar lights of a very intense white at a very remarkable height, over El Paseo Maritimo."

CODIFICATION:

251068084BADALONA-----B-E-L-M155BK7AAX-2-----JHCBXX---D-AEG-412ONOO21LE-----IKEA

## PSYCHOLOGICAL INFLUENCES IN THE DEVELOPMENT OF THE SPANISH WAVE

From the observation of Graph 2 we notice the existence of three "sub-waves" in the context of the general "wave". Each one of these "sub-waves" is completed by a maximum:

- 1st: Beginning of September 1968.
- 2nd: Middle of December 1968.
- 3rd: From the 6th to the 15th of February, and another one slightly shorter from the 8th to the 17th of March.

There is the odd circumstance that all these maxima (with the exception of the one covering the period from the 6th to the 15th February) coincide with those periods in which the press, radio and television devoted their larger broadcasting transmissions to a particular case, insisting repeatedly on the affair. Now let us summarize which these cases were:

- 1st: September 4, 1968. UFO seen over Madrid. It is observed by almost all the population. During the following week this news covers the front page of all newspapers and the television refers to it.
- 2nd: December 3, 1965. Duenas (Palencia). A chemist sees an UFO (afterwards it was proved to be false). Once again the press, radio and television emphasized the news more than usual. The Air Ministry publishes a note which says that a Committee for the study of the UFO phenomenon has been created and asks for the collaboration of all Spaniards.
- 3rd: February 28, 1969. A UFO is seen by the crew of an Iberian caravelle in a flight from Palma to Madrid. This information is not published till the 12th of March, and the Air Ministry makes further reference to it. There is also the fact that the maximum does not occur immediately after the UFO has been observed (February 28) but is achieved after the broadcasting of this news (March 12).

This is all the more noticable when it is studied on a graph in which the distribution of cases watched daily is represented. This hypothesis acquires more validity, when a study of the French wave during 1968-69 is undertaken, based on the excellent information provided by the French magazine *LUMIERES DANS LA NUIT*, in which we see the disappearance of the three maxima, mentioned previously and, at the same time, a very special importance is acquired by the one taking place in the last few days of August 1968. Exactly the same happens when you study the world case-history (France and Spain excluded) that reached us during this period (387 cases).

Basing ourselves on what we have just said, it seems fairly clear that the most interesting period in the evolution of this "wave" is the one covering the latter part of August 1968.

## MEANING OF THE MAXIMA AND MINIMA

Applying the theory of Poisson to the study of the different graphs of the development of the wave, we have set out to discover how far these maxima could occur by coincidence. Here we will present the results obtained for Graph 2, which is represented in this article.

- a) Maximum in the first days of September 1968.  
The percentage of random probability is 0.001.
- b) Maximum, towards the end of August 1968.  
 $P = 0.05\%$
- c) Maximum, middle of December.  
 $P = 5\%$   
The probability keeps on increasing for the remaining maxima.

In accordance with this and bearing in mind that, the results whose probability is less than 5 per cent are considered significant, we find that the maxima of later August and the beginning of September are highly significant; that is, "the most probable thing is that they are not due to chance". However, as we have just said, in the above paragraph, the September case is accounted for, so our attention centers in August.

## CLASSIFICATION BY TYPES

The total cases compiled in our country during the "1968-69 wave" amounts to 402,

however, as there was in many of them a scarcity of data, the study has been centered on only 315.

The distribution of all this case-history, in accordance with the five types mentioned beforehand, is as follows:

Cases	Type I	represent	16.91%
"	II	"	2.62%
"	III	"	17.49%
"	IV	"	44.02%
"	V	"	9.62%

#### VARIOUS CONCLUSIONS

Here we present other conclusions that have been derived from the study and, for their lack of importance, do not require further expositions:

- A) For cases of Type I we notice that the number of eye-witnesses vary between one or two in 80% of the cases, a phenomenon which is inverted for the remaining types.  
The conclusion is obvious, but it proves once more that those cases, which would be more interesting for study of the UFO phenomenon, are less reliable owing to the small number of eyewitnesses.
- B) The UFO phenomenon has the particularity of occurring largely at night, as the great number of cases take place between 8 and 11 p.m. (See Graph 3) It is not easy to find a completely satisfactory explanation of this, but it could be explained by the fact that, as they are mainly luminous phenomena, they are observed more easily at night, and in the hours when the streets are more crowded. This explanation is corroborated by the fact that an alteration is noticeable, in accordance with the time of year, continuing to midnight during the summer and shortening to 10 p.m. during the winter. It is unnecessary to say that people keep later hours during the summer than in winter.
- C) The predominant colors in the unidentified flying objects (UFO) observed during this study, are the various shades of red and orange.
- D) Sound: only 11 cases, of which five belong to Type I, have been accompanied by acoustic signs. (The acute whistling predominates in five cases).
- E) Among the effects that come from observing an unidentified flying object (UFO), it is worth noticing the following:
  - Itching: 1 case.
  - Pain in the eyes: 2 cases.
  - The stoppage of motorengine: 4 cases.
- F) Making a recount of the distribution of the observations over a week, a clear predominance of Fridays is noted for the different types of the classification.  
The fact is also noted in the cases of landings all over the world (according to J. Vallee in PASSPORT TO MAGONIA, pg. 29 of STENDEK special number, article by V. Balliester Olmos).

#### ORTHOTECHNIC STUDIES

In order to make an orthotechnic study of the Peninsula, based on the case-history registered during 1968-69, it has been sought to relate observation points separated by less than 24 hours in time. There has also been taken into consideration the distance in km from the two points, even if they were very close, the possibilities of lining up a third one was maximal. The maximum deviation admitted is one centimeter on a map of scale 1/100.000, i.e.: 10 kilometers. Points in Northern Africa have also been taken.

RESULTS OBTAINED: No orthotechnic line has been localized by the method described above, either manually or by using a computer.

In order to see how far this was significant by defect, a wave simulation was made, generated at random by a non-basic FORTRAN-4 programme, using a generating function of random numbers with an even distribution and it was confirmed that no orthotechnic lines were found either.

Although no orthotechnic lines have been found we would mention an odd phenomenon: when the observation points are joined in strict chronological order, we have found a sort of "penetration" and "exit" in the Catalonian region, in accordance with two well defined main branches, which run respectively from Catalonia to Seville and to Galicia. The meeting point of these two branches seems to be at a certain spot in the Mediterranean, not far from the coast.

The observation of this odd fact made us think of the existence of an "irradiation focus", situated in some spot in the Mediterranean, from which the phenomenon would spread to certain European countries. In order to go thoroughly into this possibility, we have proceeded to make an orthotechnic study of French territory, based on the case-history kindly provided by the French magazine LUMIERES DANS LA NUIT.

From the orthotechnic point of view, the results obtained for that country could not be more disappointing; there are only two alignments in three points during the whole of 1969; but still, the rarer phenomenon observed in our country seem to be produced also in our neighbor country. There is a clear band penetrating through the "Cote d'Azur", which runs towards the North of France. This circumstance suggests, with more reason, the existence of this "irradiation focus", without confirming anything for the time being, nor finding any possible justification.

#### THE DISTRIBUTION OF OBSERVATIONS IN SPAIN

When indicating on a map all the places where unidentified flying objects were seen, the logical conclusion arose that, while in some provinces there were no "cases" at all, on the other hand, others had a very rich case-history. At the same time it was taken into consideration that not all provinces have the same extension or population, and that, after all the number of days of no visibility differ from one to another hence the days for observation would be different for each province. For these reasons, nothing could be deduced "a priori" from the fact that, for instance, Barcelona had 27 cases and Albacete only 2, as it was not known how many theoretical cases each one should have.

Hence it was necessary to calculate the theoretical distribution of observations in Spain, (starting from the hypothesis that the UFO phenomenon was a random one), in order to compare these results with the real ones, and therefore to be able to work out which were the real areas that stand out for a higher or lower number of cases.

Account was taken of three facts, above mentioned: extension, population (\*) and visibility (\*\*) (this last one was not applied to cases that fall under Type I), obtaining the results that are indicated in the attached table.

The results show the number of cases that should be observed in each province, for every hundred that take place in Spain.

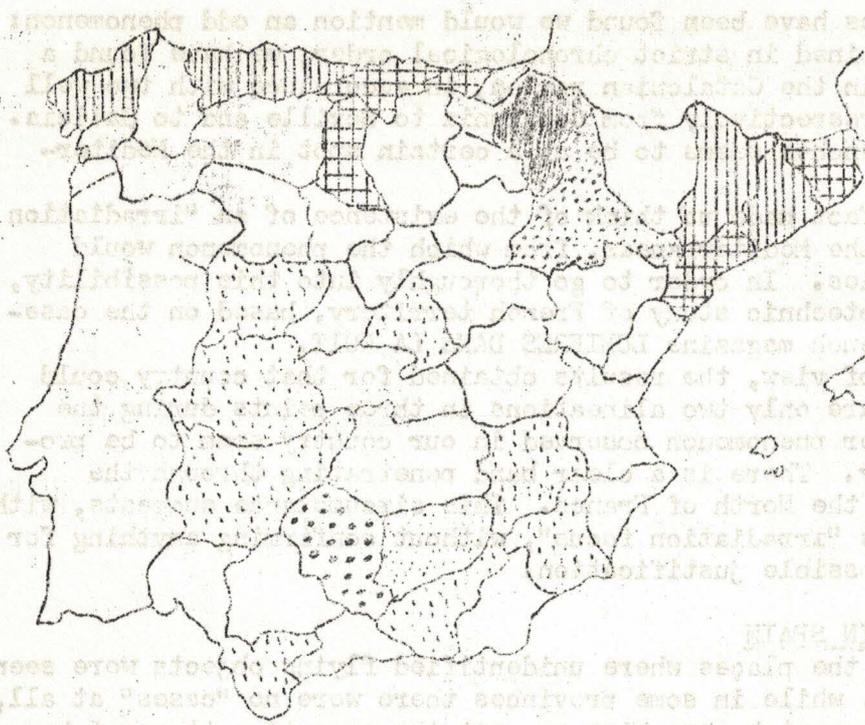
We were now in a position to couple the theoretical percentage of the tables with the real ones that occurred during 1968-69 wave. But there was one more fact to take into consideration: "mode of grouping". We will explain this term: it is logical to think that in those regions where there is a great number of people, or groups, devoted to the study of the UFO phenomenon, the registered case-history would be richer than in those other areas where, for lack of them, no deeper explorings has been undertaken. For this reason we have been forced to divide the cases into the two types that we are going to describe:

- A) Spontaneous: denoting by this term all those that had been broadcast in the press, radio and television without supervision by people who are devoted to these studies.
- B) Non-spontaneous: those cases that have been discovered owing to the research by specialists and those which in any other case would have remained cryptic.

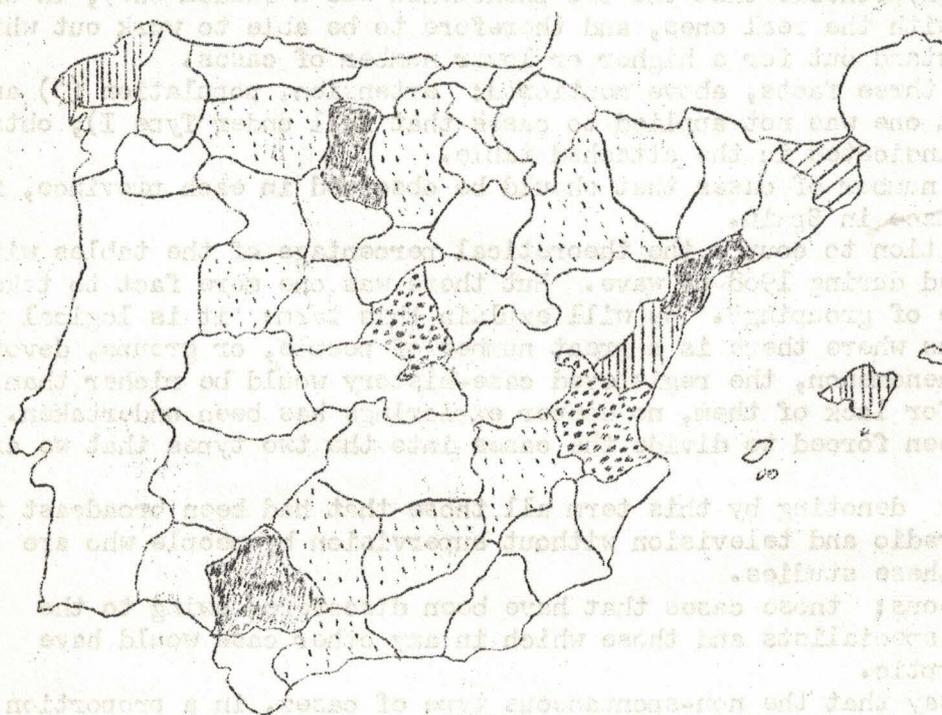
There is no need to say that the non-spontaneous type of cases, in a proportion of 90 percent, are localized in those provinces where there is an investigation center, consequently contributing to the enlargement of their case-history. This is the clear

(\*) According to statistical data of the population of December 31, 1968.

(\*\*) According to statistical data of the Bulletins of the National Meteorological Service, during that time.



MAP 1  
Total 1968-69 cases



MAP 2  
Type I cases

example of Barcelona, Valencia, Sevilla and Madrid, among others.

This fact was also taken into consideration when comparing the theoretical results of the attached table with the real ones, by the calculation and application of the corresponding reduction coefficient for "non-spontaneous" cases. We will not go into detailed explanation of the methods used in this article, since it will extend it too much and its primary purpose is the exposition of the conclusions reached.

In conformity with what has just been outlined, maps of the case-history distribution for Spain, were made for each of the five types of the classification.

The results obtained are registered in Map 1 (for all the case-history) and in Map 2 (for Type I).

In general terms, we notice in Map 1 that northern Spain stands out for a larger number of cases than the theoretical ones, while the opposite happens in the southern area. It is worth while to outline that Zaragoza, which is included in the northern area stands out in a very significant way for its small number of cases.

In Map 2 (case-history of Type I) we notice a general development of similar tendency as in Map 1, with the great exception of Sevilla which, although it does not stand out in significance with reference to the number of cases, it does, on the other hand, for Type I.

The procedure that has just been explained has been applied also to the whole of the catalogue of the Iberian landings, compiled by V. Ballester Olmos (President of CEONI of Valencia), with the result of a total coincidence with the results set forth in Map 2, with the sole exception of Badajoz that stands out now for the high number of cases.

As a summary of what has been set forth up to now, we shall say: generally the northern area of Spain stands out for an index of cases above the average, and the southern area for the opposite. As a special and highly significant exception, the following stand out:

- 1) Zaragoza, for small number of cases.
- 2) Sevilla, for a high index.

It is also worth considering the anomalies for a high number of cases in Palencia and Tarragona, both in the total case-history and for cases of Type I.

We have to find an explanation for the general prevalence of the northern area over the southern, which at first glance does not seem easy to find, yet there is a fact, which we shall indicate, that could have some influence on it.

In general lines, we all know that the southern area (mainly Andalucia) is characterized by having its population concentrated in large centers far from one another, while the opposite occurs in the northern zone. For that reason, as the population is more spread out in the north, the probabilities of seeing an unidentified flying object are higher in the north than in the south.

#### BACKGROUND NOISE

A programme, in which all the characteristics of sounding balloons, aeroplanes, satellites, etc. were specified, was drafted for the purpose of selecting, from the case-history for 1968-69, all those phenomena that could be due to these apparatus.

The computer suppressed a total of 40 cases. All the analysis set-forth up to the moment were reprocessed, and it was confirmed that the conclusions were not modified in any of their essential aspects.

#### GEOLOGICAL AND GEOMAGNETIC STUDIES

In an attempt to look for connections between the provinces, mentioned in the above paragraph, little comparative analysis of geomagnetism, geology and seismology, etc. has been done, and we will try to summarize them now:

Distributing the cases over a Spanish geological map and making the pertinent recounts, we constructed Graph 4 (higher levels correspond to the total case-history, and the shaded zones to cases of Type I), where it can be appreciated that the majority of cases, in our country, have taken place in tertiary and quaternary terrains.

The Spanish surface, belonging to each of the Geological Ages, is distributed as follows:

Archaic Terrains	17%
Primary "	25%
Secondary "	22%
Tertiary "	18%
Quaternary "	18%

As the reader can appreciate, the proportion of tertiary and quaternary terrains is inferior to the remaining ages (with the exception of the Archaic age, with a small difference), which does not agree with the results obtained. Therefore, we find ourselves facing the first irregularity of which for the time being, we do not know the meaning.

In Graph 5 we have collected the number of cases occurring, in accordance with the distances to the lines of fault, that are indicated.

It is clearly appreciated that the number of cases decrease, as we go further away from the line of the fault.

This fact, which we have just mentioned, had already been checked in French territory, and published in an article signed by F. Lagarde, in LUMIERES DANS LA NUIT.

We want to mention here the circumstance, already pointed out by some investigators, that the number of UFO cases increase in the hours that precede and follow seismic movements. We had the opportunity of proving this, although in not a very significant way, in Spain, on the occasion of the seism that took place on February 28, 1969, which notably affected the southern area of the Peninsula.

We also wanted to observe what was the distribution of the case-history in relation to the anomalous magnetic areas (\*) of our Peninsula, and confirming our amazement, a phenomenon similar to the above indicated was produced, that is, the cases are more numerous the nearer we get to these anomalous areas (see Graph 6).

The magnetic anomalies in our country are located, on the one hand between Badajoz and Sevilla, and on the other between Leon and Orense.

As the reader can easily see in Graph 6, an increment is produced for distances, of the anomalies superior to 500 km. This increment coinciding with our penetration into the Catalonian region, a fact which led us to think of the possibilities of the existence of a third anomalous area, located in the Eastern Pyrenees, but in French territory, for this reason it would not come under the geomagnetic maps of our country. Recently when this article, which we are summarizing, was already finished, we were able to ascertain that, in fact, there is this third anomalous area in the French Pyrenees and that it extends to the town of Olot in Gerona province.

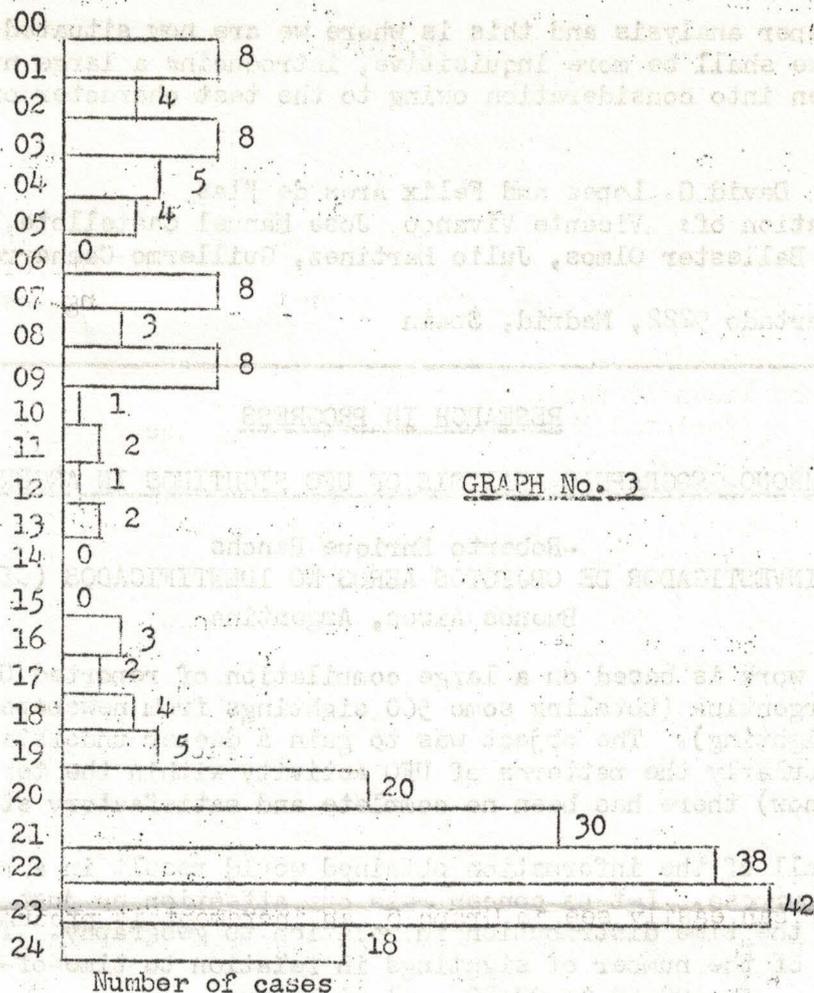
Our perplexity is great. Are we declaring categorically that the UFO phenomenon is closely linked to the earth's magnetism? To this question we cannot yet give a categorical answer, as the case-history available is small, but, perhaps when more analyses are made, like the present one already begun by the CEI, we can definitely say so.

We now ask: is there any relationship between the results of the three points, mentioned above? The answer for the first two is easy, and does not require much explanation: It is known, that generally a seism has its origin in a recently orogenic terrain which has not yet completed its process of "adjustment". But, what of the third? Has it any connection with the two previous ones? The answer to this question, although there is not yet a convincing explanation, has been supplied to us through the latest scientific bulletin of the Japanese Embassy, by the publication of a news item which stated that scientists of that country have confirmed that prior to any seisms alterations in the magnetic field of the areas have been detected. The writer then says that this fact has a very future interest, as it will enable us to determine in advance any movement of this type.

Coincidence? Probably, but these are facts which, for the interested can be provided for research on the UFO phenomenon, must not be forgotten; on the contrary,

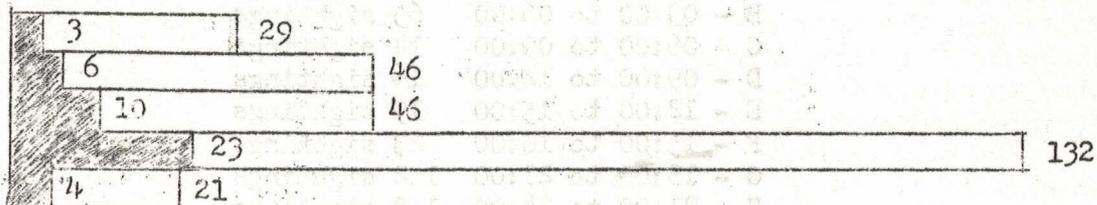
(\*) Lakes that sometimes are present in the geomagnetic maps where the local values of the magnetic field are highly superior to the theoretical ones of the surrounding areas.

Time of day



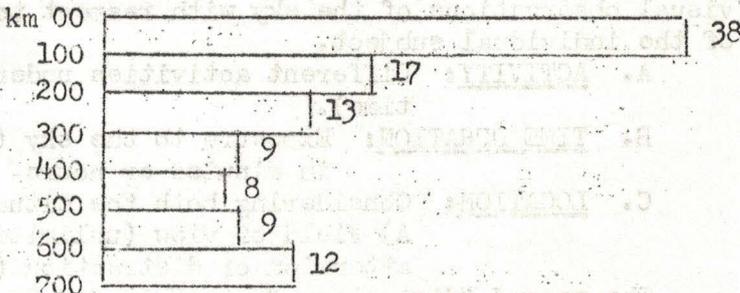
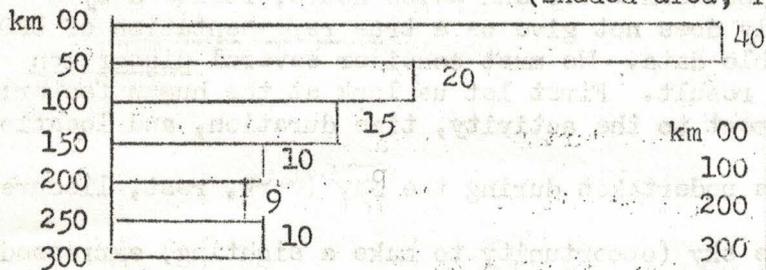
GRAPH No. 3

Primary  
Secondary  
Tertiary  
Quaternary  
Archaic



GRAPH No. 4

Geological distribution  
(Shaded area, Type I cases)



GRAPH No. 5

Distribution of cases according to distance from seismic fault lines

GRAPH No. 6

Distribution of cases according to distance from magnetic anomalies

they deserve a deeper analysis and this is where we are now situated. In our present and future works we shall be more inquisitive, introducing a large number of facts that have not been taken into consideration owing to the test character of this present study.

Work directed by: David G. Lopez and Felix Ares de Blas  
With the collaboration of: Vicente Vivanco, Jose Manuel Castellote, Joaquin Pueche, Vicente-Juan Ballester Olmos, Julio Martinez, Guillermo Cacharron, Daniel Olmos.

C.E.I.-MADRID, Apartado 9222, Madrid, Spain

### RESEARCH IN PROGRESS

#### A CHRONO-GEOGRAPHIC ANALYSIS OF UFO SIGHTINGS IN ARGENTINA

-Roberto Enrique Banchs  
CENTRO INVESTIGADOR DE OBJETOS AEROS NO IDENTIFICADOS (C.I.D.O.A.N.I.)  
Buenos Aires, Argentina

This present work is based on a large compilation of reported UFO visitations in the Republic of Argentina (totaling some 500 sightings from newspaper accounts that gave the time of the sighting). The object was to gain a deeper understanding of the phenomenon, particularly the patterns of UFO activity within the territory of Argentina, for which (until now) there has been no complete and satisfactory statistical study attempted.

To document all of the information obtained would result in a paper much too long for this present purpose. Let us concentrate our attention on just one respect of these sightings: the time distribution in relation to geography. The following table shows a synthesis of the number of sightings in relation to time-of-day:

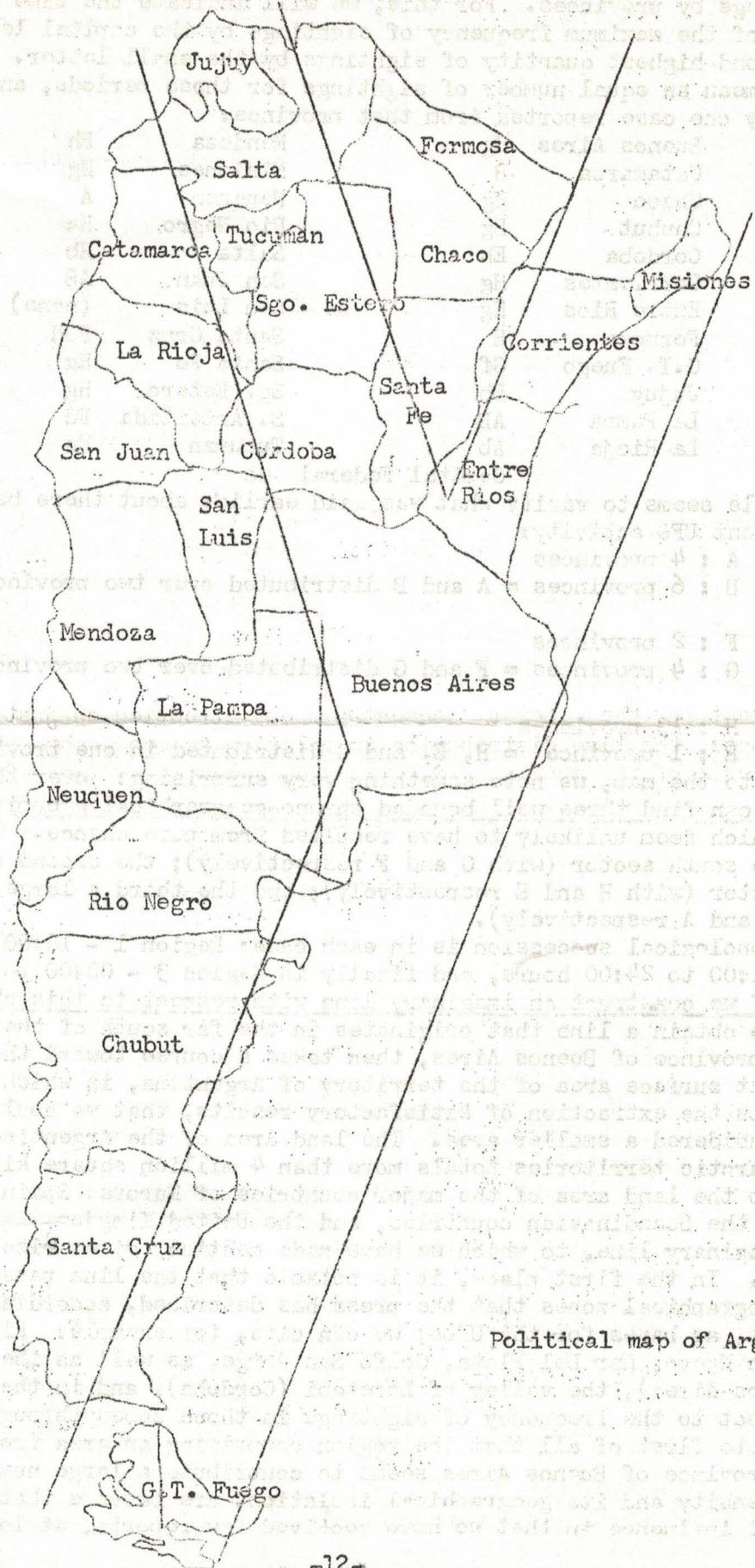
A - 00:00 to 03:00	71 sightings
B - 03:00 to 06:00	65 sightings
C - 06:00 to 09:00	14 sightings
D - 09:00 to 12:00	14 sightings
E - 12:00 to 15:00	19 sightings
F - 15:00 to 18:00	23 sightings
G - 18:00 to 21:00	102 sightings
H - 21:00 to 24:00	158 sightings

It is evident that the phenomenon does not restrict itself to certain hours of the day, although there appears to be a marked increase in the period from 18:00 (6 p.m.) to 00:00 (midnight), reaching a maximum between 21:00 and 24:00 hours, followed by a gradual decline. But this chart probably does not give us a true representation of UFO activity, although it is based on reliable data. We must consider several distortion factors that can enter in and alter the result. First let us look at the human factor: visual observations of the sky with respect to the activity, time duration, and location of the individual subject.

- A. ACTIVITY: Different activities undertaken during the day (work, rest, leisure time).
- B. TIME DURATION: Exposure to the sky (opportunity to make a sighting) expressed in minutes or hours.
- C. LOCATION: Considering both the situation and surroundings of the subject,  
A) Field of view (unlimited or restricted); B) Factors relating to attention or distraction (people or things).

The second "distortion factor" is due to atmospheric effects; visibility with respect to:

- A. Atmospheric turbidity varying with time.
- B. Effects of temperature differentials.
- C. Available light (day, night).
- D. Other causes peculiar to different regions.



Political map of Argentina

Continuing with this investigation, we now attempt a "chrono-geographic" analysis of the sightings by provinces. For this, we will indicate the time period (A-H, see chart above) of the maximum frequency of sightings by the capital letter, and the period of second-highest quantity of sightings by the small letter. Multiple capital letters will mean an equal number of sightings for those periods, and a single capital indicates only one case reported from that province:

Buenos Aires	Hg	Mendoza	Bh
Catamarca	B	Misiones	Hg
Chaco	Hg	Neuquen	A
Chubut	Bg	Rio Negro	Ha
Cordoba	Eh	Salta	Hb
Corrientes	Hg	San Juan	AB
Entre Rios	Hg	San Luis	(none)
Formosa	H	Santa Cruz	FGH
G.T. Fuego	Gf	Santa Fe	Hg
Jujuy	Bh	Sg. Estero	Hg
La Pampa	AB	S. Antartida	FG
La Rioja	Ab	Tucuman	Ha
		Capital Federal	Ga

This table seems to verify what was said earlier about there being certain periods of more frequent UFO activity:

- 3° A : 4 provinces
- B : 6 provinces = A and B distributed over two provinces
  
- 1° F : 2 provinces
- G : 4 provinces = F and G distributed over two provinces
  
- 2° H : 13 provinces
- E : 1 province = H, E, and G distributed in one province

Turning to the map, we note something very surprising: over the territory of Argentina we can find three well-bounded chrono-geographical groupings of sighting frequency, which seem unlikely to have resulted from pure chance. The first of these comprises the south sector (with G and F respectively); the second corresponds to the northeast sector (with H and E respectively); and the third a large strip across the west (with B and A respectively).

The chronological succession is in each case: Region 1 - 18:00 to 21:00 hours, Region 2 - 21:00 to 24:00 hours, and finally in Region 3 - 00:00 to 06:00 hours. Therefore, if we construct an imaginary line with respect to this chronological ordering, invariably we obtain a line that originates in the far south of the country, moving up through the province of Buenos Aires, then takes a course toward the northwest (NW).

The great surface area of the territory of Argentina, in which we have made this study, permits the extraction of satisfactory results, that we could not have obtained if we had considered a smaller area. The land area of the Argentine Republic, which with the Antarctic territories totals more than 4 million square kilometers, is equivalent to the land area of the major countries of Europe: Spain, Portugal, Germany, Switzerland, the Scandinavian countries, and the United Kingdom.

This imaginary line, to which we have made mention, gives rise to several hypotheses of its cause. In the first place, it is notable that the line passes through certain points or geographical zones that the press has described, according to witnesses and investigators, as bases for the UFOs; we can cite, for example: Rio Grande, Golfo San Matias, Golfo Nuevo, Mar Del Plata, Golfo San Jorge, as well as the vicinity of Las Toscas (Buenos Aires), the valley of Loretani (Cordoba), and in the area of Metan (Salta).

In respect to the frequency of sightings in those zones through which the line passes, we note first of all that the region comprising an area from the country's south end to the province of Buenos Aires seems to contribute a large number, but the sparse population density and its geographical isolation, are factors that in this zone would seem to be of influence in that we have received few reports, at least few have been made public.

Nevertheless, from the 40th parallel to the north, this panorama changes its aspect, only realized through a careful analysis of the reports. Buenos Aires, the province in which the line takes a northwest direction, has the largest index of reports with 240 cases (excepting the 54 from the Federal Capital); continuing to Santa Fe with 64 cases, which is the second province apart from Buenos Aires through which the line passes; further on is Cordoba with 54 cases, the third province along the line. Continuing, we see the line passing through an almost uninhabited area - Santiago del Estero - that had 24 reports; later it passes through the smallest of the provinces, Tucuman, where altogether we count 22 cases; arriving later after crossing a large region rising to more than 1000 meters above sea level, in the province of Salta, where we count 30 reported UFO visitations, and finally to Jujuy, with only 6 cases.

This line passes, with some precision, through those provinces in the region that has the largest index of sightings (with the exception of Jujuy). However, there exist two other northern provinces not on this line, Entre Rios and Corrientes with 33 and 22 cases respectively, which apparently represent an extension of the primary line (Tierra del Fuego - Buenos Aires) which continues to the north (Paraguay and Brasil) and which passes precisely through the provinces mentioned.

Over the three routes of this imaginary line we have discovered a considerable number of "orthotery" cases (we prefer to call them "successions"), a circumstance concordant with the result of this study.

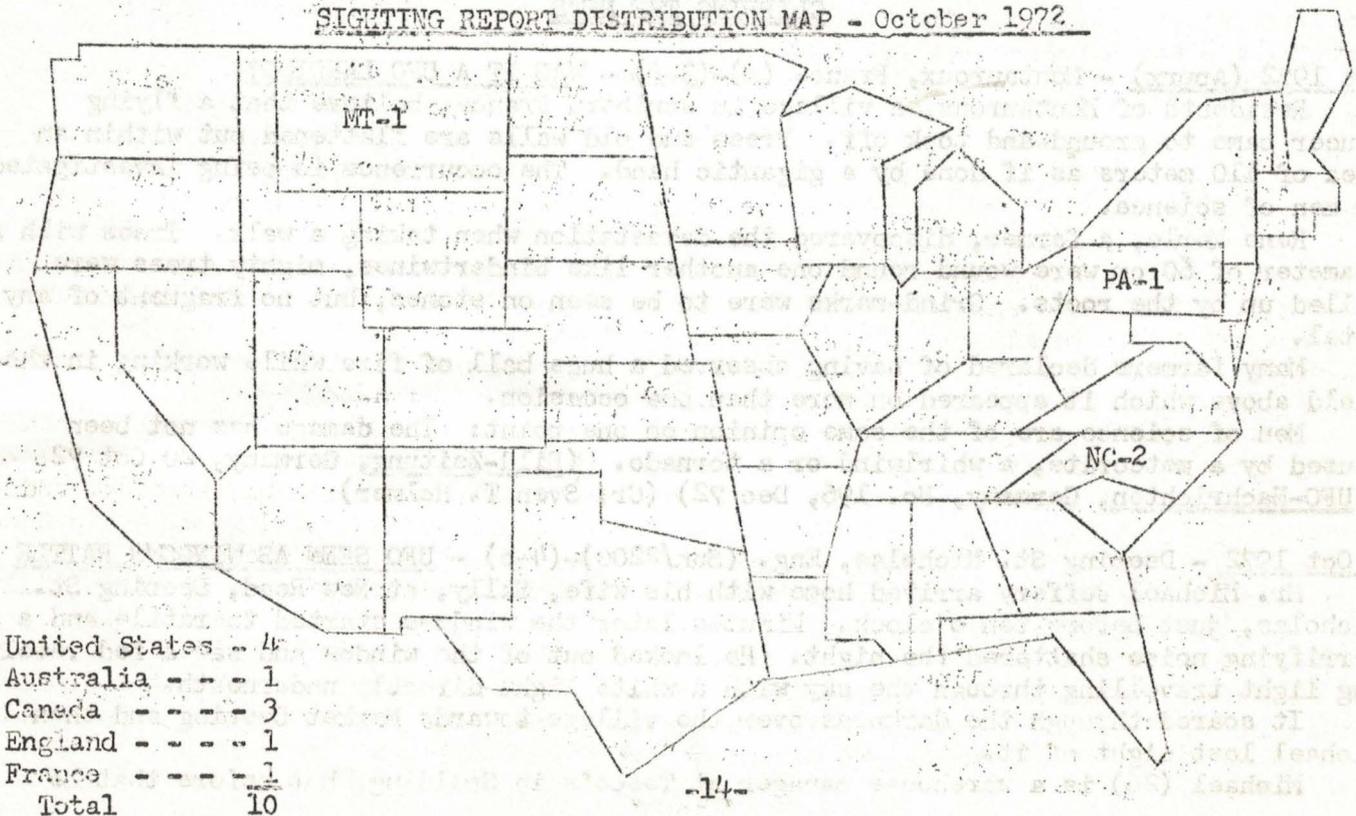
Let us direct our attention to the secondary route of the line (Buenos Aires - Salta) which is superimposed over a magnetic field line, where according to certain theories, the propulsion or navigation of the UFO would be facilitated (a subject into which we will not delve here, because of its inherent complexity and diversion from the questions this study is pursuing).

The present chrono-geographic analysis has uncovered the existence of an imaginary line indicating the "itinerary" or "route" of UFO flights in our country.

We only hope that all this be considered in its significance as a possible stepping-stone to new studies.

Translated by: Jerold Johnson, DATA-NET

SIGHTING REPORT DISTRIBUTION MAP - October 1972



SIGHTING REPORT INDEX

October 1972

Coding:

- Type 1 - LANDINGS and NEAR LANDINGS (tree height or 100')  
2 - UNUSUAL or ERRATIC flight pattern  
3 - STATIONARY or HOVERING in the sky  
4 - CONTINUOUS FLIGHT  
5 - INDEFINITE OBJECTS

- Class A. Pacing or investigating vehicles (land, sea, air)  
B. Multiple objects (and objects emitted or merged)  
C. Physical appearance alters  
D. Borderline objects (because of characteristics)  
a. Optical or mechanical aids (telescope, radar, etc.)  
b. Photograph  
c. Effects (human, animal, electrical, mechanical)  
    Ⓢ Landed (or submerged)  
    . Near Landing (tree height or 100')  
    \$ Occupant seen  
    # Traces (residue, marks)

<u>DATE</u>	<u>LOCATION</u>	<u>DAY/TIME</u>	<u>CODE</u>	<u>WITNESSES</u>	<u>D-N#</u>
00 Oct	Montauroux, France	x	3-#	Merle	68
05 Oct	Colwood, B.C., Canada	Thu/AM	1-Ⓢ	Rennie	67
06 Oct	Deeping St. Nicholas, Eng.	Sun/2200	4-c	Jeffery	68
08 Oct	Traralgon, Vic., Aust.	Sun/0400	2-A-b	Pinchen, Cavanagh	67
08 Oct	Badin, No. Car.	Sun/1030	4	Devereaux	67
08 Oct	Tinicum & Ferndale, Penn.	Mon/2130	2-B	McCloskey, Sala	68
11 Oct	Colwood, B.C., Canada	Wed/0700	3	Parker	67
15 Oct	Broadus, Mont.	Mon/2150	4	Gotfredson	68
18 Oct	Aldergrove, B.C., Canada	Wed/0430	4-c	Koosis	67
22 Oct	Lewisville, N.C.	Mon/1945	2-B	Winfrey	68

CLIPPING THE NEWS

Oct 1972 (Aprox) - Montauroux, France (x)-(3-#) - WAS IT A UFO LANDING?

Residents of Montauroux, a village in southern France, believe that a flying saucer came to ground and took off. Trees and old walls are flattened out within an area of 110 meters as if done by a gigantic hand. The occurrence is being investigated by men of science.

Rene Merle, a farmer, discovered the devastation when taking a walk. Trees with a diameter of 60 cm were wound round one another like bindertwines, mighty trees were pulled up by the roots. Grind-marks were to be seen on stones, but no fragment of any metal.

Many farmers declared of having observed a huge ball of fire while working in the field above which it appeared on more than one occasion.

Men of science are of the same opinion on one point: The damage has not been caused by a meteorite, a whirlwind or a tornado. (Bild-Zeitung, Germany, 20 Oct 72 & UFO-Nachrichten, Germany, No. 196, Dec 72) (Cr: Sven T. Helmer)

6 Oct 1972 - Deeping St. Nicholas, Eng. (Sun/2200)-(4-c) - UFO SEEN AS WINDOWS RATTLE

Mr. Michael Jeffery arrived home with his wife, Sally, at New Road, Deeping St. Nicholas, just before ten o'clock. Minutes later the windows started to rattle and a terrifying noise shattered the night. He looked out of the window and saw a red revolving light travelling through the sky with a white light directly underneath.

It soared through the darkness over the village towards Market Deeping and then Michael lost sight of it.

worked for a heating firm which involved being at RAF bases for about a year. So he knows the sight and sound of aircraft.

"It was going too fast to be a helicopter, and not fast enough to be a plane. I am sure it was not a plane because there were no tail lights," he said. "Neighbors think it might have been a plane in trouble, but I don't think so."

Michael refused to believe the flying saucer stories. "But this has certainly made me think," he said.

A spokesman for RAF Wittering said he did not think any Harrier jets would be flying at that time of night.

It was possible Michael saw a refueling plane, but apparently the white light on a refueling plane is not clearly visible. (Evening Telegraph, Peterborough, Eng., 7 Oct 72)

8 Oct 1972 - Tinicum & Ferndale, Penn. (Mon/2130)-(2-B) - METEOROLOGISTS REPORT UFOs

Two Upper Bucks County meteorologists in different locations reported sighting two brilliant, silent, fast-moving objects in the sky.

The first report came from George McCloskey, a meteorologist in Philadelphia Health Dept.'s Air Management Service, and a reserve officer at the Willow Grove Naval Air Station. He lives near Myers Dam on Dark Hollow Road, Tinicum Township.

The report was confirmed by Lt. Cmdr. Virgil Sala, a meteorologist at the air station at Willow Grove, who made his sightings from his home in Ferndale.

McCloskey reported, "I went out of the house at 9:30. I looked toward the northwest and saw a bright object in the sky and thought it must be a planet. Then I saw that it was twinkling with a white and gold twinkle, and realized that planets don't twinkle.

"Then it began to move horizontally about 10 degrees above the horizon. It is hard to say how far away it was but it seemed to be 10 or 20 miles, perhaps over Haycock Mountain. Suddenly, it began to go back and then started to move in a start-stop, start-stop pattern, with intervals of a second or half-second. I had two trees for points of reference for the intermittent movement."

McCloskey's wife came out as the light slowly moved along the horizon again, then disappeared below the horizon.

McCloskey ran into the house and called Sala, since he is a weather officer and also lives across from the Palisades High School and might be in a position to see it. "He went out and later I learned he saw it, too," McCloskey said.

When McCloskey returned outside, the object was visible again, moving in a steady course. It dropped again below the horizon. "About four minutes later, my wife saw an orange-red light moving high in the sky toward the east. It was very steady and very silent and coursed across the middle of the sky." He ran in and brought out his son, who was pretty sleepy, as the object moved toward the west and got smaller.

"Sala says he saw it to the south of him and then saw two. My wife also thought there must have been two, since the one which disappeared below the horizon in the west couldn't have appeared in the east that quickly," McCloskey said.

Sala reported that he saw two bright lights moving across the southern part of the sky, but observed no erratic movement. Soon afterwards he saw a second bright object moving the same way. "It was too steady and too large to be a planet, too bright to be a plane and it was very quiet," he said. "I don't know what I saw."

The Fels Planetarium says that the bright planet in the sky at the time of the sightings would be Jupiter in the southwest. (Daily Intelligencer, Doylestown, Pa., 10 Oct 72)

15 Oct 1972 - Broadus, Mont. (Mon/2150)-(4) - FIRE BALL VIEWED

Mrs. Calvin Gotfredson sighted a brilliant fire ball in the southern skies as she was watching television and went to the window to watch it. She called her husband who also watched it until it faded out as though it burned out. Mrs. Gotfredson said the display lasted for about 10 seconds between 9:50 and 10:00 p.m., and resembled the fire ball which comes from a Roman candle. It moved slowly downward until it finally disappeared, she said. (Powder River Co. Examiner, Broadus, Mont., 19 Oct 72)

22 Oct 1972 - Lewisville, No. Car. (Mon/1945)-(2-B) - GLOWING OBJECTS REPORTED

Mrs. Joan Winfrey of Shallowford Road, Lewisville, reported sighting what appeared to be a UFO. She was driving home near Phillips Bridge Road when she, her mother, and her two sons spotted two long objects giving off a bluish glow rising and falling in the air. (Journal, Winston-Salem, N.C., 23 Oct 72)

11 Nov 1972 - Tong, Eng. (Sun/Nite)-(3) - GREEN LIGHTS MYSTIFY RAF

Pulsating green lights seen in the sky over Tong, near Shifnal will be recorded as another instance of UFOs mystifying the authorities.

Air Traffic Control at RAF Cosford has investigated the sighting, reported by Mr. and Mrs. Major Blake of Norbury Road, Gnosall, but cannot offer an explanation. (Star, Shropshire, Eng., 14 Nov 72)

26 Dec 1972 - Athens, Ala. (Tue/2230)-(2-B-c) - UFO SIGHTINGS REPORTED

Several Limestone County residents in two different locations reported sightings of what appeared to be "two plates flying through the air" last night, according to Limestone County deputies.

Persons near Owens Junior High School, northwest of Athens, and in the Stinnett Hollow area across Elk River west from the school, reported the sightings to a pair of investigating deputies who lost radio contact with the Limestone County jail while at the scene.

Deputy Vernon Bates said the sightings were substantiated by about six persons, whose names were not immediately available.

Bates said one woman told him the objects were seen to hover, then suddenly increase speed, slow down, and hover again. The objects were said to contain spinning lights and witnesses reported to the deputies that they heard loud buzzing sounds.

Bates said, however, that he did not see the reported objects himself.

Limestone County Sheriff M.W. Evans said the reports could probably be traced to fireworks.

The loss of radio communication between the deputies' car and the jail was confirmed by the jailer who said radio communication resumed as the deputies returned from the scene. (Huntsville Times, Huntsville, Ala., 27 Dec 72) (Cr: J. Schuessler)

28 Dec 1972 - Huntsville, Ala. (Thu/Nite)-(3-B) - SIGHTINGS CONTINUE IN AREA

For the third night in a row, an unconfirmed sighting of "UFOs" was reported to area authorities.

The latest report was said to have been made by a musical group from Florence driving along U.S. Hwy. 72 West. Members of the group said they saw two brightly-lit, hovering objects in the vicinity of the Jetport turnoff from U.S. 72. (Huntsville Times, Huntsville, Ala., 29 Dec 72) (Cr: J. Schuessler)

3 Mar 1973 - Kampala, Uganda, Africa (Sat/1200)-(I-@) - AN OMEN ASCRIBED TO UFO

President Idi Amin saw a UFO splash down in Lake Victoria and then take off like a "gentle rocket," Radio Uganda said.

The radio said Amin was among a number of people who saw "a spectacular object covered with something like smoke" descending at about noon into the lake, some 10 miles away.

"After some seven minutes, the object was seen lifting off like a rocket being fired but moving gently," the radio said. "When disappearing into the sky, the last portion of it was seen like the tail of a big snake."

According to the radio, Amin said the object was of "great significance" and "a sign of good luck to Uganda." He added that all those who had seen it should attend prayers. (San Jose Mercury, San Jose, Cal., 5 Mar 73) (Cr: A. Boyd)

MISCELLANEOUS

RAND DOCUMENT PROPOSES NEW UFO UNIT AND FURTHER INVESTIGATION

Robert B. King and David Branch have been writing a series of UFO articles for the

Santa Ana Register, Santa Ana, Calif. In recent issues they presented their findings on the Rand Document.

According to Klinn and Branch the Rand Document, UFOs: WHAT TO DO?, appeared in November 1968, and is unavailable to the public. It is filed in the library of this country's top military, ultra-high security, think-tank facility, the Rand Corporation. Rand is a sprawling "little Pentagon" situated opposite the Los Angeles County Court House in Santa Monica, Calif.

This document, objective and far-reaching in its evaluation and recommendations concerning the status and future of the UFO problem in this country, has so infuriated Major Hector Quintanilla, notoriously anti-UFO ex-chief of the U.S. Air Force's defunct Project Blue Book, that he has written a highly critical letter to the Rand Corp., boss of the author of the report.

Klinn and Branch read the letter which is "nasty in tone and crudely worded" and all but orders the author, astronomer George Kocher, to be fired for having written it.

In contrast to Quintanilla's reaction, the writers learned the report was very favorably received by officials at the U.S. Air Force's Space and Missile Systems Operations (SAMSO) office in Los Angeles. When the report was first circulated among Rand Corp. scientists, many were eager to initiate the recommendations.

Unfortunately, the report came out at about the time Blue Book was about to close down and get the Air Force out of the UFO business --- and, since the U.S. Air Force is the prime employer of the Rand Corp., it wouldn't do to have the prestigious Rand Corp. contradict it by proposing an "Expanded data collection and analysis effort."

The writers don't say how they obtained a copy of the document, but they give a detailed report of its contents in their article.

It has five parts: 1. UFOs: Historical Aspects; 2. UFOs: Astronomical Aspects; 3. UFOs: The Character of Reports; 4. UFOs: Phenomenological Aspects; and 5. UFOs: How to Proceed and Why.

The report states that it was apparently the CIA's recommendation to follow a policy of debunking UFOs and discouraging public interest in them -- with the result that "authorities tended to make witnesses look ridiculous."

Klinn and Branch say the document includes several UFO reports never before published, showing in-depth investigations, data, diagrams, and drawings of variously-shaped UFOs.

They note that in one Newton, Illinois sighting of a "prolate spheroidal shape" seen 35 feet off the ground, "The design at the lower rear looked like a pattern of crosses and dots." The report states, "As far as Mrs. A's sighting is concerned, we have obtained enough data from follow-up inquiry and on-site investigation to rule out known airborne craft, meteorological and astronomical phenomena. Yet the observations are sufficiently detailed to give us adequate confidence that some sort of machine was present, behaving in a very extra-ordinary way."

The report mentions that UFOs seem to have been with us from the earliest times, but with a drastic increase in the number of sightings in the past 25 years.

The report then proposes the "organization of a central report-receiving agency, staffed by a permanent group of experienced UFO investigators and having on call specialists in astronomy, physics, optics, atmospheric physics, psychology...."

It goes on to suggest report forms to be made available in post offices, toll-free telephone lines and a link of the agency with a network of radio amateurs, local police and scientists. And there is much more.

Unfortunately the Rand Document was filed away instead of being adopted by our government. But it is encouraging to know the document was written and accepted by the corporation, and perhaps one day it will be given the consideration it deserves. (SKYLOOK, Box 129, Stover, Missouri 65078)

#### 4 Feb 1973 - Cupertino, Calif. - SERIES EXPLORES THE MIND

A repeat of a popular lecture series "Exploring Inner Space-The Search for a New Consciousness" leads the list of "mind-expanding" short courses presented by the Office of Community Services at De Anza College.

James Fadiman, Robert Ornstein, Jacques Vallee, Gina Cerminara, Betty Bethards and

Thomas Kyle discuss topics from psychology through UFOs to general semantics in the Monday evening series which begins Monday (Feb. 5). Location is in the Flint Center. (San Jose Mercury-News, San Jose, Calif.)

25 Feb 1973 - "TV MAILBAG"

Q: On January 5 there was a documentary with the title, "In Search of Ancient Astronauts." Can you determine if there are plans to schedule showing this program again soon? -J.M.H., Saratoga, Calif.

A: Nothing definite so far, but probably. The show blew the minds of practically everyone who saw it. And the best-selling book from which it was taken, "Chariots of the Gods" by Erich Van Daniken, has been put out in a new printing to accommodate the demand created by the TV show. (TV Week, San Jose Mercury-News, San Jose, Calif.)

SHOP & SWAP

WANTED: Ron Westrum, 2019 Delaware Dr., Ann Arbor, Mich. 48103, seeks past issues of FLYING SAUCER REVIEW -- particularly 1966 #4 and 1965 #1 -- at a reasonable price.

WANTED: Vicente-Juan Ballester Olmos (Erudito Orellana, 14, Valencia -8, Spain) seeks the following items, either an original copy or a photocopy:

1. The Presidential Address to the Eastern Div. of the American Philosophical Assoc. (APA), entitled EXTRATERRESTRIAL INTELLIGENCE by Dr. Lewis W. Beck, III. The congress was held Dec. 28, 1971 at the Statler-Hilton Hotel, New York City.
2. "UFOs and the Laws of Physics" by J. Lear. SATURDAY REVIEW, Oct. 7, 1967.
3. "White Paper on UFOs" by Dr. J. Allen Hynek. CHRISTIAN SCIENCE MONITOR, May 23, 1967.
4. "A New Look at Saucer Mysteries" by Dr. Jacques Vallee, TRUE, Sep. 1965.
5. THE REFERENCE FOR OUTSTANDING UFO SIGHTING REPORTS by Thomas Olsen. New or used.
6. "Scientific Measurement of UFOs" by Charles Maney, FATE, Jun 1965, p.31.
7. "Flying Saucers Propulsion and Relativity" by Gordon Evans, FATE, Dec 1964.
8. "Engineer Involvement in UFO Investigations" by R.E. Fowler, AMERICAN ENGINEER, 38:5, May 1963, 29-31.
9. Article by Dr. David Saunders which documents a technique to measure the strangeness of a particular UFO sighting. INDUSTRIAL RESEARCH, Aug 1968.
10. "Direct Contact among Galactic Civilizations by Relativistic Interstellar Space-flight" by Dr. Carl Sagan, PLANETARY AND SPACE SCIENCE, Vol. XI, 1963, 485-498.
11. "On the Possibility of Existence of Extraterrestrial Intelligence" by Roger A. MacGowan, 24 pgs, 66 references. It is a chapter from Vol. IV of SCIENCE AND TECHNOLOGY OF SPACE published by Academic Press of New York.
12. Article by Dr. Martin Gerloff (General Electric Co.'s expert in Aerodynamics) on "disk-shaped aircraft." AEROSPACE ENGINEERING, Jan 1960.
13. "What We Are Doing About UFOs" by Lloyd Mallan, SCIENCE & MECHANICS, Jan 1967.
14. A second-hand copy of the NICAP publication "UFOs: A New Look".

Mr. Ballester Olmos will pay for the above items or will gladly trade for some desired documents (refer to the bibliographic indices released in DATA-NET #61, 62, 63).

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