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In this issue we have among other things tried to give a summary of the UFO-wave in Hessdalen, Norway. This little valley, situated some 80 kilometers south of the city of Trondheim, has been "haunted" by strange aerial phenomena for almost one and a half year now. As you will read, noone has yet put forward any reasonable explanation to the phenomena. The whole story (at least some of it) is presented on page and onward.

As before, we have also material from Finland and Sweden. In UFO-Sverige Aktuellt (Sweden), they have published several articles about the Hällefors incident, dated 15 October 1981 (cited in this magazine no. 1 1982). New theories regarding this sighting are put forward, but no defi-

The tidings published by Riksorganisationen UFO-Sverige and UFO-Norge have not changed. RUFOS with their UFO-Sverige Aktuellt (4 times a year) and Internt UFO-Sverige (an internal periodical); in addition to UFON's sole publication "UFO" (published 5 times a year).

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SWEDEN

THE HÄLLEFORS INCIDENT CONTINUES TO GROW GIANT UFO STILL UNIDENTIFIED

By Stig Aggestad

Date: Thursday 15 October 1981

Time: About 7.30 to 8 pm

Place: Hällefors

Witnesses: Several

Nature of sighting: An "airship" flying around in a low altitude

(see also this magazine no.1 1982)

Will Thursday 15 October 1981 make history as the day we here in Sweden experienced one of the best documented UFO cases this far? Yes - a lot points that way, since the Defense Staff and police authorities have closed their investigations. Fact still remains - Thursday 15 October 1981 "something" of considerable size flew round the society of Hällefors for at least 30-35 minutes. Although, one in such cases unusual "full force by the authorities", the flying object has not been identified. UFO-Sverige-Aktuellt has been able to share the witness reports and in one of them the following judgement about the craft's origin could be read: Possibly extra-terrestrial...

That's the judgement of police sergeant Dan Hagsten who observed the object twice, at about 7.35 and 8.05 pm. Like the witness Maud Karlsson he saw 3-4 lit openings on the side of the body - "windows" that were rectangular in shape. The object had an angular shape and was according to Dan Hagsten "at least one hundred feet long". No wings could be seen. On both sides of the object were two green and two red lights. During the second sighting the police sergeant saw a flame "in the middle of the rear" of the thing. The engine sound was something similar to "a diesel engine with a broken silencer". Dan Hagsten had earlier worked as police at Arlanda (airport outside Stockholm) and was therfore familiar with different kinds of passenger flights. "The craft I saw

didn't look like anything I've earlier experienced, neither in daylight

nor at night", he claims.

At the Defense Staff in Stockholm CEFYL (Central Air Force Headquarters) first made an investigation of the case and it showed that no military airplanes, helicopters or similar had been the cause. The Aircraft Warning Service took over the investigation and carried it out as far as contracting every private owner of an airship. Still with the same negative result ... The advertising ship from Good Year was abr-

oad that evening, so it's no longer a candidate.

The questions gather about the "Hallefors" incident". Why was "the ship" only sighted over Hallefors and not over surrounding places? The object disappeared towards Grythyttan while slowly rising, but no sightings have been reported from there. Maybe the object passed over Grythyttan on a too high altitude making eventually sighters think it was an ordinary airplane? One thing remains certain - it was no ordinary airplane that "like a ghost" flew over Hallefors 15 October 1981. If it after all was a private airship, the whole affair was illegal. Such "machines" are not allowed to fly after dark. Not to break rules of minimum altitude over densely built-up areas either, like happened in Hallefors according to several concordant witness stories. One could also wonder why someone would carry an airship up to the forests in Värmland and then take off in the dark October evening? Without advertising purpose and without sponsors, something like that seems pointless. And also risky. Although - the ghost flyer over Hallefors seems to remain weirdy anonymous even in the future. Unless someone of the readers has a crucial tip to give?

The following article may perhaps give a clue to a solution of this phenomenon:

THE UFO OVER HÄLLEFORS

A SMUGGLED IN AIRSHIP, SAYS "MAGASINET", A CHANNEL 2 TV-PROGRAM By Christer Nordin

Thursday 15 October 1981, a strange aircraft was sighted over the place Hällefors in the province of Värmland. Among the more than one hundred persons who saw the object was former chief constable Björn Fagrell and policeman Per-Olov Tangring. "It looked like two connected railbusses that were strongly illuminated", the two policemen from Hällefors say.

UFO-Sverige-Aktuellt has in earlier issues described the course of events that lasted for almost one hour and left many unanswered questions. The event was published with large headlines both in local and

nation wide newspapers.

19 May 1982 the time had come for Swedish television to present "the Hällefors Case". It was Channel 2's program "Magasinet" who started to deal with the subject UFO. How well dealt with it was could be a matter of opinions. The main "thing" was the explanation that the editors presented in the program. It was a smuggled in airship that hidden by the dark was the reason to this artistical performance of illegal aerial technique. That's what the TV-team had found out in a couple of days and they were showing a photo of the ship they had in mind. That UFO-Sverige hadn't solved this every day event obviously seemed a bit astonishing. Since I myself took part in the program, I replied that we from UFO-Sveriges point of view hadn't investigated that theory, but we were grateful for all clues that could give a solution to the event.

But what about the explanation from television? Has right in front of the Customs Department, a 100 feet long airship, worth about

200 000 sw crowns and motor driven, been smuggled in?

The one who should have done the smuggling, although not mentioned in the program, is a man by the name Håkan Colting. This Colting started a company with the name European Airships AB. Two airships by the make Cameron D-96 should according to the purpose be used in the company. Large sums from advertising assignments was the thought behind. But it didn't work out so well. Håkan Colting turns out to be a doubtful person that often has arguments with authorities and partners in the air company. Because of this he is since long time ago in Canada, occupied with similar activity. Some just don't quit!

But what about the airship? Research has shown that one is in Gothenburg, where it has been confiscated by the sheriff due to debts. It has been in safe keeping for over a year now. That one is therefore out of the picture. The second Cameron ship made a dangerous flight in May 1981 outside Enköping. The flight ended with a crash-landing against a stone wall and has not made any flights since then. "It has been packed up in my garage in Saltsjö-Bo outside Stockholm", Birger Hjälmstad VD in European Airship and one of the present owners to the airship says. "It is not smuggled in like the television claims, it is registered in Great Brittain and owned by the Swedish company".

Later inquieries have shown that the passenger space, the "gondola", arrived first to this garage. The ship itself came later after a repair in Nyköping. But has it been making ghost flights over Hallefors in between? Who was carrying the equipage? Who was the pilot and who where the assistants at the take off?

No one man action

In the surroundings of Halle fors they are sceptical to this theory. "An airship of this type is no one man ship, it's a big business and requires the help of several persons to get up into the air". says Ragnvald Sjökvist active within Orebro Balloon Club. "The noise created is also remarkable. A heavy rumble while blowing hot air with fans and heatening it up with LPG burners", Ragnvald says further. "Not to mention the fiddling about and stupidity to fly in darkness". Other persons with knowledge about airship flying tell that the Cameron ships are very sensitive to wind. Airships of this model can work at wind velocities below 8 knots. The actual evening in Hallefors the velocity probably was between 6 and 16 knots, 300-600 feet up, according to meteorologists at SMHI in Norrkbping.

The helicopter that got lost

There are also other explanations to the mysterious visitor in the air over Hallefors. It could have been a helicopter. "There were propellers both in the front and the rear on the illuminated craft just like on the air force "banana helicopters", says Terje Frölich, one observant person in Hällefors. "You couldn't see its colour in the twilight, you could only tell that it was dark. That's why I'm certain that it was the air force up there", Terje Fröhlich points out.

By enquiring the air force UFO-Sverige found that they knew nothing about any flight with vertol helicopters, that this model actually is called, over the area in question. But all flights are not always registered, one points out from the National Air Defense. That cover ups

occure are rather common known, but if the Air Force has registered all its vertol helicopters, another theory claims that it could have been a NATO helicopter several miles in over Swedish territory. That's also heavy stuff.

What kind of illuminated railbus appeared in the evening sky over Hällefors causing great astonishment? Today it seems almost impossible to make it clear. Illegal airship, NATO helicopter or Swedish air force helicopters. The guesses are many and different. That the televisio program was noticed from many parts is clear. "Just a few days later people from the Customs Department was here and wanted copies of documents regarding the airship we got in the garage", Birger Hjälmstad's wife Ingegerd tells UFO-Sverige-Aktuellt. "It was a bit unpleasant, for according to our knowledge everything should be in order. But you never know what they might come up with", Ingegerd means.

Finally one can notice that the earlier Håkan Colting might have interesting informations, worth to take part of. But he has left the country, at least for now. If we find a final solution to the phenomenon that mass media and authorities have drawn their attention to, the Hållefors incident, UFO-Sverige-Aktuellt (and Nordic UFO Newsletter)

will of course present it to its readers.

Maybe one should do like Ragnvald Sjökvist in Orebro suggested Let an airship fly over Hällefors during similar lighting conditions as that day. Preferably without no one knowing about it in advance and then question the observers about what they believe to have seen. The question is of course if it's possible to take off and fly such a large airship in secret without revealing anything in advance.

LOW FLYING UFO OVER DROTTNINGHOLM CASTLE

By Christer Nordin

Date: Wednesday 15 September 1982

Time: 9 pm

Place: Drottningholm Castle in Stockholm

Witness: Per Torell

Nature of sighting: Cylinder shaped object lighted in both ends

"It was about 9 pm. I was watching some airplanes passing on high altitude. I had not much else to do. Suddenly I spotted a craft on considerably lower altitude. A cylinder shaped object lighted in both

ends. Absolutely no airplane", Per Torell says resolute.

Wednesday 15 September 1982 was a calm and starlit evening. Draftee Per Torell from T1 in LinkSping was on main guard at Drottning-holm Castle, now residence for the royal family. Per Torell had together with three colleagues started his guarding duty at 8 pm. The main guard is posted on several locations all around the castle, to get the most efficacious guarding as possible. For Torell this meant that he was responsible for post no.1, that was located at the castle gate.

"After about one hour of guarding I spotted a strange "thing" approaching on low altitude from southwest. It was a large cylinder shaped object that was lighted in both ends. In the middle was a green twinkling light and underneath one could see a red light", Per Torell tells UFO-Sverige-Aktuellt. "I had already been watching a couple of airplanes passing on rather high altitude. But this was definitely no airplane", Torell

says positively. "For one thing it was much larger and travelled without making any sound. The lighting was also different. In the front and the rear a strange white light shone. It made the enlighted surface on the craft glimmer matt. I saw the craft for about 20 seconds before it disappeared over the castle on a path towards the northwest, as far as I could judge. At least one could say that it looked odd and I alerted the supervisor, but the craft was gone, before he arrived".

The craft is reported

Per Torell told about his sighting, made a drawing of the object and a report was written about the incident. Second lieutenant Morgan Dalinowitch at T1, who according to informations was supervisor at that time, confirms this. What then happened to the report ain't so easy to tell. Colonel Per Lenneman at T1, who is Per Torell's superior claims that it was sent to the Commandant office at Stockholm Castle. After that the destiny of the report is unknown according to the people involved.

UFO-Sverige-Aktuellt can in spite of this make clear for the continuing report circulation. The report on Per Torell's, much payed attention to and already written about, sighting was received by lieutenant-colonel Ola Eriksson at the Garnison Department at Stockholm Castle. This is not to be mistaken for Drottningholm Castle. As common known there are now two castles in Stockholm that claims to be royal residents.

On a direct question Ola Eriksson replied that he in his turn had made a report of a light and sound phenomenon. One prefers to call it that way within the Swedish National Defense. "I have sent the report to the East Military District Staff in Strängnäs, but personally I believe it was an airplane that was sighted", lieutenant-colonel Eriksson says. "I don't believe in UFOs", he cheerfully adds.

It could be confirmed that the report has arrived at the

Military District Staff in Strangnas, but further on?

The Security Service at this Military District Staff, judges main guard Torell's sighting as probably a low flying airplane. Something that Per Torell already had been expecting. "That's the way they go on, telling I saw an airplane. There was nothing else to expect. But it's the first time I've seen an airplane on low altitude, soundless and without wings", Per says finding it frustrating not to be trusted. But that seems to be a part of being a witness to a UFO.

Filed

UFO- or light and sound phenomenon - whatever you prefer, over Drottningholm Castle, will end up in the file cupboard at FOA in Stockholm. This closes the circle and the Swedish National Defense supported investigation is closed. Dear readers, it's this way: our military defense finds no threat against the safety of our country in connection with such a sighting. So there is no interest from our military protectors. UFOs are nothing that our National Defense occupies their minds with.

Lights fade and die

Inside the royal residence a quiet every day routine was going on that evening. The royal couple was at home in their private section of the residence. Everything went according to routine. From the National Hall classic music could be heard in good acoustics. The National Museum Chamber Orchestra was making a recording in this enriched part of the castle.

That's the reason castle attendant Göran Trygg was on the site

this evening leading a helping hand and supervising the activity.

"It was about 8.45 pm and I was in the vestibule on second floor", Göran Trygg tells and continues: "The vestibule is located to-wards the west frontage of the castle where post no.1 is located. Suddenly and without any reason the light begins to fade and dies, just like in a cinema. I have never experienced anything similar".

At a later check-up it was found that several main fuses 16-20 ampere had been broken. This without any known overload of the system "Strange things do happen in old castles", Gbran Trygg says, but he means

that this is real puzzling.

The pattern could of course be recognized. Unexplained influen

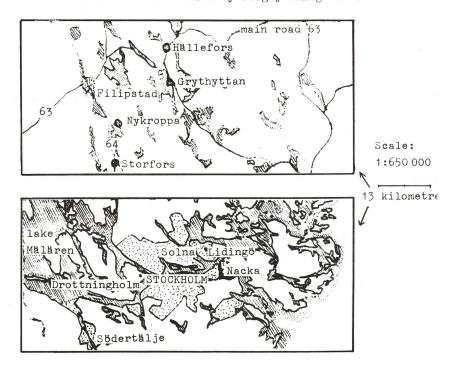
on electric circuits in relation to UFO sightings.

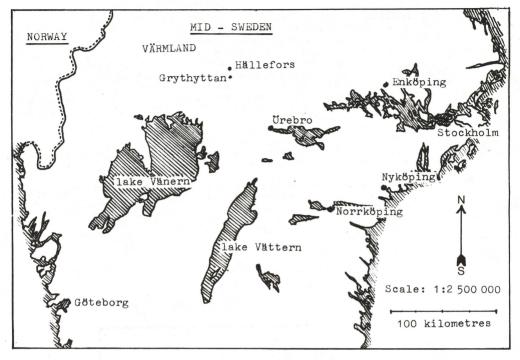
The relation between Per Torell's sighting and Göran Trygg's story about the mysterious incident inside the castle is too obvious to

be pure chance.

We could once again establish the fact that an unknown soundless craft has appeared in our air territory, this time over prottningholm Castle. But never mind this soundless aircraft flying on low altitude without wings and effecting lighting and causing fuses to break, our military speakers say. It was and will be "probably an airplane". And that's final.

All translations from Swedish by Borgny Thingstedt.





Map showing the observation sites.

FINLAND

A UFO OPERATION DURING THE WAR

From Ultra Magazine no. 3/1983

Date: Possibly in March 1940 Time: Middle of the day Place: South of Loimola

Witnesses: Heikki Kylliäinen (among others)

Nature of sighting: About 100 "airplanes" in a regular formation

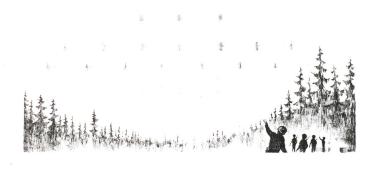
Our regiment, JR 56, had retired to evasive stations south of Loimola. The first battalion was in the woods guarding the flank. A day or two earlier we had heard on the radio that the Finnish government had changed, so we understood it was time to start a truce and negotiations for peace. We did not have much combat, because the Soviet Union was probably moving its forces to the Baltic front, where the battles were still

quite hard.

The day was warm and sunny, there were only a few thin clouds high in the sky. We were five to seven men outside doing something. I seem to recall we were waiting for food while the rest were still resting in the tents. Then I noticed a flying formation coming from above the forest at the height of about 25 degrees.

First there were three planes, then seven, and always seven after that in one line with a bit of terracing. They were strange in shape and resembled none of the airplanes we were familiar with. They were visible against the blue of the sky in light graphite colour. Their silhouettes were not altogether clear, and especially in front there was something vague which was undefinable. It was like a picture with a poor contrast.

We started counting their number, and then we noticed there was no sound emanating from them. It was peculiarly silent, perhaps a little vibration was felt in the faces. We were very surprised indeed. We did not even attempt to take cover, because they had no signs on them. Their height was about 1500 metres and their speed a little below that of a slow reconnaissance plane, and they were moving from southwest to northeast.



We changed our observation point about 60 metres in order to see farther over the marsh with small trees. We waited excited what would happen, when the squadron would cross the enemy lines. Would their flak begin and would there be sounds of bombs? Odd - we heard absolutely nothin

When the first planes were about 20 degrees above the horizon they made a 90-degree turn straight down towards the ground, while their speed remained the same. All the lines made their turn in the same point as the first one. While turning they shone like glass in the sun. When the passed us from front left we saw them from the shade, when they turned down, we saw them from their sunny side. We did not see them rise again.

I counted 98 of them, but one of us counted 112. It was difficult to make precise calculations, surprised as we were, and try to make other observations at the same time. The formation remained regular all the time, like a chess board. In the 10 to 15 minutes that we saw them there was not a single change.

We could not make out the purpose and origin of this operation. If there were so many planes in Finland, they should be on the 1sthmus

where they were badly needed. And the Russians needed their planes between the Baltic and the Black Sea. These flying things did not even have the characteristics of airplanes: there were no proper wings, nothing like steering controls, no engines and no cockpits in front. We could other people about it. They would not have believed us, but now that we know UFOs have been sighted all over the world, this strange incident can be told.

> Heikki Kylliäinen sgt. (i/r)

Translated by Veikku Rekunen

NORWAY

THE HESSDALEN PHENOMENA

Date: Ever since the beginning of December 1981

Time: Mostly during the evening and night (7.30 pm and 10.30 - 11 pm),

but also at many other times

Place: Around the Hessdalen area, 80 km south of Trondheim

Witnesses: At least several dozens

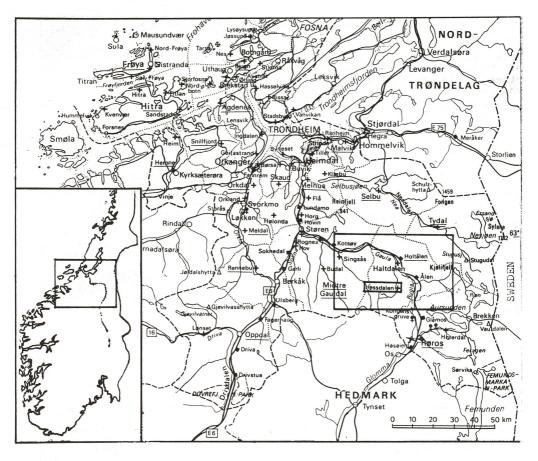
Nature of sighting: Lights of various magnitude and intensity, together with cigars and egg-shaped objects

Investigators: For UFO-Norge: Leif Havik and Arne P. Thomassen among others

Since the beginning of December 1981 hundreds of UFO observations have been reported from the areas around the Hessdalen valley and Alen. situated about 80 km south of Trondheim in the central part of Southern Norway. Witnesses have told of strange light phenomena for which no-one, neither laymen nor experts, has been able to give a satisfactory explanation:

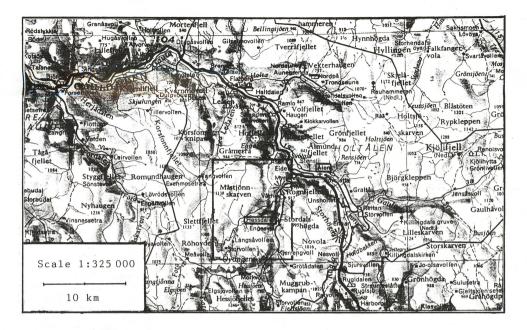
A short description of the area in question is neccessary: the Hessdalen valley lies in a mountain terrain ca. 10 km southwest of the village Alen, which has nearly 2000 inhabitants (areas around included). The valley itself has an altitude of some 600-700 m above sea level, with nearby mountaintops up to 1000-1100 m; the scenery here being rather desolate. In Hessdalen there are only a few hundred inhabitants, living mostly in isolated farms; their main income is from farming, forestry and some industry. Killingdal Mining Company wins copper rich pyrite about 15 km east of Hessdalen. Moreover, the area abounds with old shut down mines which has been rich especially in copper; the old mining town Røros lies 30 km to the south. A branch of the Norwegian State Railways (Rørosbanen) and State road no.30 pass through Alen. The village is situated in a larger valley, the Gauldalen valley, in which the river Gaula floats to the west. (See also maps.)

The phenomena began to appear in Hessdalen just as the UFO-"wave" in Arendal ended (see Nordic UFO Newsletter no.2 1982). For the most part they have appeared as lights of various magnitude and intensity.



flying between the mountain sides. They have frequently popped up in the south, moved with a wide range of speeds, stopped abruptly, ascended rapidly up in the air or accelerated sideways, etc. Many of the objects have no clearly defined shape, but others have been described as egg-shaped with some sort of "windows" of an old-fashioned type. Some other witnesses claim to have observed cigar-shaped or oblong objects, often with a kind of strange diffuse light-glow. In nearly every case only one object has been seen at a time, and without any audible sound. A certain periodicity in the observations is noted about 7.30 pm and between 10.30 11 pm, but the phenomena have also appeared at many other times. The conditions of observation are very variable: rain, sleet, snow, overcast without precipitate, or clear sky. The temperature has varied between -30 degrees C up to at least +5 degrees C. The bulk of the reports âescribe nocturnal-lights, but a couple of daylight observations have also been reported.

On many of the observed objects there have been seen powerful, white blinking lights, comparable to the light from an electronic-flash. When these blinking lights are observed, it has functioned as an indicati



of the distance: many witnesses claim that the UFO then is very nearby. In addition to this, pulsating red lights have been seen frequently, which in some cases were stable. In connection with a few observations interference with TV-reception has been reported. In one case, a dog reacted abnormally while a UFO passed nearby, by lying down motionless: later it behaved quite normally.

When the UFO-"wave" was at its most intense during the early months of 1982, and people became aware of the phenomena (among other things because of good coverage in the press and on radio and TV programs), hundreds of interested people rushed to Hessdalen and lined up on the main road in the valley, hoping to catch a glimpse of the famous UFO. On some occasions one could count up to 100 cars at a time on specific places.

The UFO-Norge investigation

UFO-Norge made their first trip to Hessdalen in the middle of March 1982. At a meeting held in the community centre of Ålen on 26 March, a short poll was carried out among the audience of 130. (14 of these were specifically from the Hessdalen valley):

- A total of 30 persons had had one or more observations since December 1981
- 17 had seen a yellow, spherical light
- 12 had seen a possible cigar-shaped object
- 8 persons had seen a possible egg-shaped object
- 6 persons had seen an oblong object with two yellow and one red light
- 1 person had observed the phenomenon in daylight
- 3 persons had registered failures on radio/TV-sets during an observation
- 1 had registered influence on animals

- Noone had had any mental effects from their experiences
- 9 persons had their UFO observations in Hessdalen itself

One must stress the fact that the poll was voluntarily and therefore not quite reliable. Moreover, since that time, many more observations have been made, so that the results are somewhat out of date.

In the mid part of February 1982, a TV-team from the Norwegian Broadcasting Cooperation (NRK) came to Hessdalen hoping to film the phenomena. A total of 50 m (some 4-5 minutes) of the light phenomena was exposed, but at so great a distance that the value of evidence was rather limited. About 1 December the same year a correspondent from the Swedish Broadcasting Cooperation (Sveriges radio) arrived in the area. Besides making some radio-interviews, on one occasion she also had the good fortune to see the phenomenon herself - however, without becoming a UFO-"freak".

The NIVFO investigation

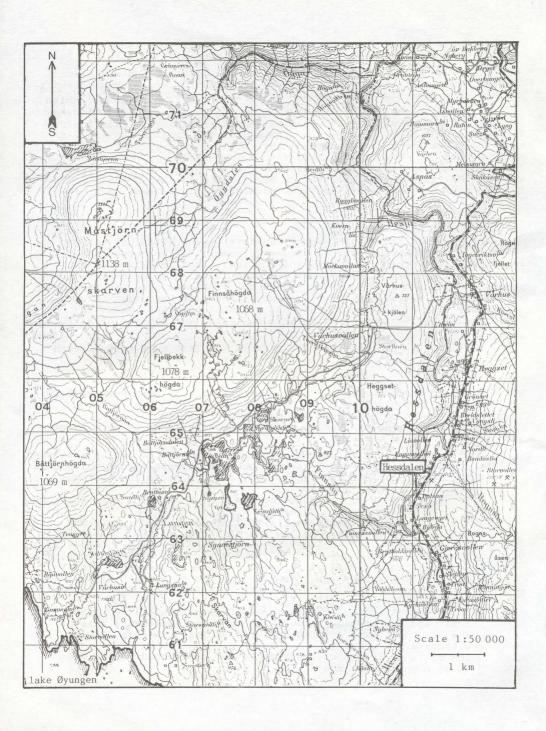
In addition to UFO-Norge, another organisation has carried out investigation of the Hessdalen phenomena, namely NIVFO (Norwegian Institu for Scientific Investigation and Information). This organisation has taken the first step towards processing the incoming reports statistically something that can give us a hint about the true nature of the phenomenon A statistical analysis of some 47 observations from Hessdalen between 4 December 1981 to 28 October 1982 has recently been published. The findings relate only to reports which were collected and studied by NIVFO:-

a. Time + duration

- 53% of the observations are made in the last half-part of each month, i.e. from the 15th to the 30th.
- The duration of each observation varies from a few seconds to more than an hour
- 91% of the reports deal with luminous objects seen between 5.00 pm and mid-night
- 43% of the observations are made after 9.00 pm
- The average point of time regarding observations is at 6.39 pm

b. Appearance

- 42 reports refer to a single object, 2 reports to two objects seen at the same time, and 3 reports to four objects seen simultaneous.
- 3 reports mention "fuselage", i.e. solid objects, but without wings or anything like that
- 2 reports speak of "windows" on the object in one case only one window, and in the other several windows
- The bulk of the reports deal with luminous objects where the color is described as shiny, yellow and red. From 4/12-81 to 23/3-82 the majority of the colours were described as "shiny", while from 13/8-82 a larger number of yellow and red colours were reported.
- There are only 3 daylight observations. Here the reports deal with "silver-glossy" or "steel-coloured" "fuselages" with a shape as a "torpedo", "cigar" or an "airplane fuselage without wings" etc.
- The movement of the objects varies from motionless to a very great speed, "looping" and a kind of spiral-movement. None of the phenomena have emitted any kind of sound audible to the witnesses
- The distance from the observers to the phenomenon varies from 10-15 m up to many km.



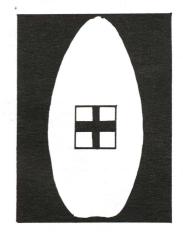
Some of the accounts

1. Several times in the period between just before Christmas 1981 and January 1982, three witnesses - Ruth Mary Moe, Age Moe and Jon Aspås from the farm Aspås in the Hessdalen valley - saw a shiny luminous "thing", oval or perhaps egg-shaped with a sharply defined shape, which was most often seen hovering around the top of Finnsahøgda, about 3 km as the crow flies from the Aspas farm. In one instance the object was seen just above a mountain pasture: later, when they went to investigate, they found no visible traces in the snow, nor did they hear any sound from the object. Because the observations lasted over 1.5 months, the weather conditions were very varied, but for the most part it was dark and clear. Nothing was observed when the weather was overcast with a low cloud-cover. From the farms in Hessdalen only one object has been observed at a time. It has almost always appeared from the southwest, flying with an even speed, halted over Finnsåhøgda, descended vertically behind the mountain then later ascending to the previous height and thereafter returning along the same path as it came by. The object was occasionally seen to descend and ascend several times behind the mountain.

2. On 15 January 1982 Age Moe and Jon Aspas were travelling in the mountains by snowscooter in order to get a glimpse of the object from the Ledalen valley, on the far side of Finnsahøgda. About 10 pm they saw something that they at first believed to be a star very low in the northeast. But the next moment, the light began to move and grew more and more powerful: at the same time it moved towards the two witnesses. Suddenly, the light split into two luminous objects which ascended vertically while remaining close to each other, before they merged and descend to the mountains again. Shortly afterwards, however, there were a total of four objects which flew to and fro in all directions. The luminosity was variable; the objects were egg-shaped, but now and then they seemed somewhat flattened. Now they were so low that they seemed to be flying lower than the mountaintops. The witnesses estimated their dimensions to be about 15-20 x 7-8 m. And this corresponds quite well with calculations made on the basis of angular dimensions and the distance of the mountains. To the north it was somewhat cloudy, but in all other direction the sky was clear. The witnesses reported that they could see the distinct egg-shape of the objects quite clearly, and on one side they clearly saw a "window with four crossbars".



Above and right: drawings of the objects that Åge Moe and Jon Aspås watched for an hour behind Finnsåhøgda. When the objects flew low in the valley or ascended, they appeared as depicted; rotating about their own axis during their manoeuvres.



During a later interview they added that the objects assumed a greenish colour, almost phosphorescent. The "windows" could be seen so clearly that they noticed that the horizontal "bar" was much wider than the vertical one. Out of the four "panes" came a yellow-white light, like that from a common electric light-bulb, which contrasted with the green surface of the object.

Åge and Jon watched the four objects for about an hour, until they ascended

vertically at a tremendous speed and disappeared.

3. On 20 December 1981 many independent witnesses, among them Nils Kåre Nesvold (journalist) and Per Holden, saw a luminous spherical object the size of a large star. The light was constant, strongly luminous without a corona or halo. The time was 7 pm, the weather clear and dark. The object passed along a mountain ridge, some 2-3 km from the place of observation at Vongraven in Ålen, at an estimated altitude of about 1-2000 m above the mountain. The object had a rather variable speed, and made changes of both course and altitude. It suddenly disappeared, as one switches off a light.

4. On the same date Halvard Bakås came driving on the road from Ålen towards Hessdalen; it was the Sunday before Christmas and he says: "I was on my way from Ålen towards Hessdalen and reached Hessdalskjølen about 7 pm; there I saw a light in the direction of the Finnsådalen valley. The light was stationary, so I thought it was a snow-scooter or a light reflected on the mountains. I didn't react to this at first, I thought very strange when it later appeared that there was no snowscooter at all. It also appeared to me that one couldn't se the lights in any way from the mountains from my side

of Hessdalsk jølen.

He went on to say that the light he observed looked like that of a light-bulb, and was much larger than a star. He watched it while he drove about one kilometer. He didn't see it against the sky, but the whole time with the terrain as a background. Above Ålen and Rugldalen some similar observations were made at the same time.

5. In the Hådalen valley (about 21 km from Røros) 14-year old Torfinn Barstad observed a luminous object on 11 January 1982 at about 8 pm, which at first resembled a big star. It came closer and stopped about 500 m away from the witness and about 200 m above the ground. No sound could be heard as the object hovered stationary for several minutes. Its light was powerful; Torfinn reports that it was like staring directly into a 100 watt light-bulb at a distance of one metre. The size was like a house, though not so tall; the shape was oval.

After some 20 minutes the object began to move and disappeared at a great speed towards the south downwards above Grådalshøgda. Torfinn Barstad adds that he felt very sick during the entire observation, and this feeling disappeared only after the

object had gone.

6. Another witness, Lars Lillevold, told UFO-Norge: "In the evening of 18 January 1982 I went out of my house. About 7.30 pm I saw an egg-shaped or oblong object over a telephone-line about 30 m from the house. It had a metallic core, with an bright orange light around it. There was a soft light or energy radiation field around the thing; I am sure I could have put my fingers on it - it was like a physical object. I am almost certain it was made of metal. It hovered motionless before it began to move slowly down through the valley. I did not see any further details like windows or the like, no signs, and there was no sound".

7. On 3, 4 and 5 February 1982, at 11, 10.30 and 7 plus 8 o'clock pm respectively, Hans Almås with five members of his family saw some silent luminous objects in the sky with an even motion and speed like that of an ordinary airliner. On the first occasion (3 February) the object passed lower and closer to the witnesses than on the subsequent observations. The family saw the luminous object in the sky through the window, and shortly afterwards they ran outside. The object came from the south and moved directly towards the north. At first they saw the object against the sky, and during its flight it passed the mountain Svendhuken, below the top which is situated about 700 m above sea level. Ålen lies some 480 m above sea level, and the mountain is about 3 km from the observation site.

The witnesses had binoculars through which they observed an object with lights in both ends, separated by a darker area. The lights didn't seem to be as powerful

as spotlights, but rather to be softly luminous or perhaps to be self-illuminated objects. Seen by the naked eye there was no suggestion of rays and halos, but through binoculars the light appeared stronger and showed some kind of ray-effect.

Speaking of the speed of the object, the witnesses compared it to that of a helicopter seen at the same distance, or an airplane seen at about 7 km. This they are accustomed to, because the regular air-route passes about 7 km. further south.

The duration of observation they estimated to be some 5 minutes; they were

not so sure about this, however.

8. Jon Aspås tells us about another observation he had on the night of 1 2 April 1982: "At 12.30 am I saw a big oblong object which passed slowly in front of the Rognefjellet mountain. The object was well illuminated and it came flying from the south along Hessdalen. I could see the object in front of the mountain on the far side of the valley, which rules out the possibility that it could have been an airplane It is some 2.5 km. to Rognefjellet, and I didn't hear any sound". (Rognefjellet is situated at the opposite side of Finnsåhøgda.)

"On Saturday 24 April I saw a point of light which seemed to be at quite a distance. It was at the left of Finnsåhøgda and it moved slowly in the opposite direction relative to the stars. This phenomenon lasted for about an hour and a half".

During an earlier interview, it appeared that another witness had a simi-

lar observation at the same time, a fact that Aspas didn't know about.

9. On 24 September 1982 Bjarne Lillevold and a friend were driving home from their work in the Killingdal mines, when they suddenly saw a luminous object towards the Hessdalen mountains. The two men followed the road down towards Stensli, and after having driven about 5 km. they saw the object begin to descend into the woods in Ålen. They concluded correctly that it was remaining in the wood; when they drove further towards the centre of the village, another object came flying from Hessdalen and hovered just below the first one.

Bjarne then took his moped and drove towards Hessdalen. After having reached Hessdalskjølen he noticed that one of the objects was standing stationary by a cottage some 70 m from the road. At first he thought the cottage was on fire, but he soon saw it was something else: by the side of the cottage the object stood 4 m above the ground and shining with a light so powerful that he was dazzled. It looked like an inverted Christmas-tree and seemed to be larger than the building beside it. In front there was a pulsating red light; at the same time there was an uneven "coating" outside the whole thing. The object went rapidly up and down like a yo-yo, and each time it approached the ground it seemed to vanish. He could then glimpse a spruce-fir tree through it.

Bjarne Lillevold adds that if he hadn't been alone, he probably would have dared to approach the object closer - which he didn't do. After about 20 minutes it ascended and disappeared to the north. Weather conditions were good with overcast.

These statements are only a handful of excerpts among dozens of reports which have originated during the last 15 months. Unfortunately, UFO-Norge has only been able to put a few of all the observations on record, in addition to investigate some of these cases thoroughly. In connection with that, representatives from our organisation and also Riksorganisationen UFO-Sverige have several times been in the Hessdalen area, conducting field-investigations. On several occasions they have made sightings of their own - some of them with photographical confirmation: this has encouraged UFO-Norge, in collaboration with UFO-Sverige, to consider setting up a permanent observation camp in the Hessdalen valley.

The first large organised expedition was undertaken from 17-21~March 1982. Additionally, there were also organised tours 24 September, 8 and 16-24~October the same year. On manyof these excursions active members from UFO-Norge participated, among them engineer Arne Pross Thomassen, journalist Arne Wisth (who has recently published a book about the Hessdalen phenomena), Leif Havik - division leader Mid-Norway - and others. All were well equipped with cameras and telephoto lenses.

Leif Havik tells of one of his many photo-excursions:

"On 17 March we were on a four-day expedition to Hessdalen. During this period we made some 6 sightings and took 4 successful pictures, a yield with which we were very pleased. The first time was 7.32 pm on the first evening. We had packed our equipment on a sledge, because none of us considered the possibility of observing anything that day. But suddenly Lars Lillevold exclaimed: "There it is!", and at the same moment we ran to the road which lay about 25 m ahead. There we stood, observing an oblong object which slowly passed in front of Finnsåhøgda. It was completely soundless, and disappeared to the north. It passed in front of the mountain top at an estimated altitude of some 600 m. Unfortunately, we hadn't time to get the camera equipment, packed on a sledge, into position before the object disappeared. Somewhat disappointed, we fetched the sledge and went to the Vårhusvollan mountain hut which was to be our base for the following days. After a while we returned to the Aspås-hill where representatives from the Norwegian Air Force and some newsmen had taken their position. At 8.39 "something" appeared in the north and passed above Finnsåhøgda towards west. Some pictures were taken, but they turned out to show nothing. At p.45 pm we returned to Vårhusvollan and spent some of the night watching stars, planets and a bunch of satellites. Several airplanes were also observed, on which our attention was focused, in order to compare their appearance with our UFO-observations.

The next day was very successful. First we looked for landingprints in the area around Finnsåhøgda. Unfortunately, we found no traces, so we got to sleep a couple of hours in the early afternoon. At 7.00 pm we reached our observation site some 40 m from the cottage at about 690 m above sea level. Here we waited for about half an hour while we observed the sky above us. The planet Mars could be seen very clearly in spite of a few clouds, and it was thoroughly observed, because an astronomer and a leading UFO sceptic in Norway had stated that it was the planet Mars which most people had seen as UFOs. In the meantime the clock approached 7.30 and we waited for the 7.30 "rush". Suddenly, at 7.33 a light appeared in the sky in the south. We could see an oblong object with a constant red light at the front end, then a yellow-white light, a dark patch, and then a yellow-white light at the back. It seemed to be quite near, but it was not easy to estimate the distance correctly. The "light" appeared clearly and distinctly, but it







Finnsåhøgda seen towards west from Aspås-kjølen.

looked as if it was covered with something; it was a very strange light, or a light-source which we were not accustomed to. After having watched the object for a couple of seconds, we began to shoot with our camera equipment. My colleague, Kai Johansen, had his camera mounted on a tripod, but I shot in hope of luck. I took a couple of pictures, with the shutter on 1/15 of a second, f/5.6 and a telephoto lens of 2x135 mm -though I couldn't see the UFO in the finder. In the meantime the object passed in front of Fjellbekhøgda and a short while afterwards behind Finnsåhøgda. The distance to the object was about 2.7 km and it had an estimated length of about 25 m. It passed with a low speed and could be seen for some 45 seconds. I am sure that its altitude wasn't very great. One of the first pictures in this series became very successful.

Photographical data:

Camera: Practica LTL 3

Lens: Itorex 135 mm with a 2x multiplier

Film: Kodak Ektachrome 400 ASA

Exposure time: 1/15 second

Aperture: f/5.6

The time was now 7.50 pm and we discussed our sighting eagerly. At 7.59 pm Kai Johansen spotted a red, pulsating light, an object which popped up over Fjellbekk-høgda. It was visible for only a few seconds, so it was not possible to photograph it before it disappeared behind Finnsåhøgda. It appeared to us as if the same object which passed at 7.33 perhaps had made a turn up in the mountains, and then returned in a northerly direction.

One might add that later we took a photograph of a reindeer situated at Fjellbekkhøgda from the same observation point and with the same camera equipment. Knowing positively that the reindeer was about $2\ m$ long, we could easily estimate the object's dimensions (about $25\ m$).

We had no more sightings that evening, and due to very cold winds, we

retreated to our cottage and watched the sky in relays.

On Friday 19 March at 7 pm we were at the same spot again. It was still a cold wind with a temperature of -12 degrees C. Precisely at 7.38 there appeared a new

"star" in the south-southeastern sky. Could it be a satellite?

A point of light which appeared as an ordinary star made a slow movement in a northerly direction. After a while it assumed a "warmer" yellow/white colour and it grew much larger, at the same time it seemed as if it flew low over the terrain. We shot some pictures, since the "star" passed in front of Fjellbekkhøgda on the same course as the other objects. During this observation we checked any possible deflection on a compass, but with no reaction. Also an earth-magnetic detector was tested, but again without any result. On a drawing of the successful photo (see fig. 7.) one can see an amoeba-shaped object with a yellow core and a red periphery". - So far Leif Havik.

This was from the first organised excursion to Hessdalen. Since that time there have been many more on which the participants have had similar observations. To make our report complete, we will let the divion leader for UFO-Norge/South, Arne P.

Thomassen, tell of his experiences in Hessdalen:

"On 25 September 1982 at 7.50 pm (Norwegian summertime) the first UFO popped up in the south. It hovered totally motionless low over the mountain and shone and flikcered. Because the object was motionless, I was able to take two pictures on time exposures (3-5 seconds); in that way I got the cliffs and a mountain crest in the background into the picture. It was overcast and a little windy.

"We had climbed Fjellbekkhøgda (1078 m above sea level) in the afternoon and settled down on a little cliff-ledge in the southern declivity. Four times we observed UFOs this night on three different locations. We took 81 pictures, some of which

show the squared shape of the UFOs.

"At 9.50 pm the UFO-hunt took a dramatic turn. The object, which was flying to and fro over lake Øyungen, suddenly began to use some sort of a spotlight. The spotlight was turned in every possible direction and sometimes it lit up the clouds. Suddenly the object came in our direction and illuminated the area where we were situ-

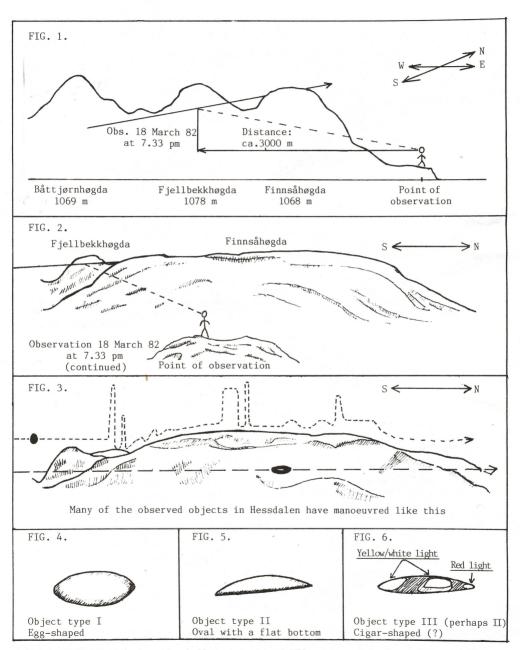
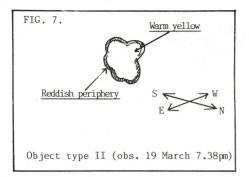


Fig.4 - 6 show the different types of UFOs observed in Hessdalen.



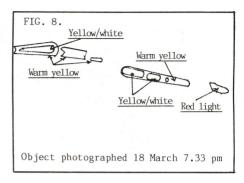


Fig.7 and 8 show two types of UFOs observed during UFO-Norges expedition to Hessdalen 18 and 19 March 1982. While we are not able to print pictures in full colour in this News-letter, these drawings will roughly indicate them as they are seen on the colour slides.

ated. My companion was frightened and threw himself to the ground; at just that moment the object turned away.

"One of the UFOs was seen by Arne Wisth, just in the act of descending through the cloudcover and illuminating it. But before he reached his camera in the car, the object disappeared behind a hill. Leif Havik stoof further to the west, and so the object with the spotlight came between him and me. That led him to believe that it was me shining with a lamp. The following evening, however, Arne Wisth succeeded in taking a couple of pictures from Fjellbekkhøgda towards the east, towards that part of the mountains which lies about 7 km on the other side of Hessdalen.

"The next expedition started on Saturday 16 October and ended on Sunday 24 October. Its climax was on Friday. We had taken position early at our observation site, very heavily protected with warm clothes and eqipped with a Russian mirror-telephoto len with a focal length of $1000~\mathrm{mm}$ in addition to a 8 mm cinecamera.

"This evening the phenomena began at 5.40 pm, and we managed to get a lot of pictures. The object hovered motionless for a relatively long time over two small closed mines (zinc-silver-copper), and the direction was 89 degrees in relation to magnetic north. After some time the object moved a bit and was now accompanied by another one; in that way we got them on several pictures both still and movie. We decided to send signals of light with a 50 watt halogen lamp we had brought with us. Just when I began to signal, one of the objects disappeared and shortly afterwards the other did the same. It didn't seem that they wanted to make a closer contact.

"At 6.05 pm the objects returned and we managed to get some final pictures before we climbed down from the mountain...

"At 8.20 pm, when we carried our equipment indoors, an oblong object appeared. It flew low and soundlessly while it emitted blinking red lights from the edge. I listened for noise from a motor-plane, but there were none and I became suspicious. Two pictures were taken fastly through the 400 mm lens. Many people in Ålen had seen this object (or one very similar to it), which flew from east to west in an altitude of some few hundred metres. Also the UFOs in the east side of the valley by the Rognefjellet mountain had been observed by many people in Ålen situated on the opposite side..."

The Norwegian Army on a UFO-hunt!

At the end of March 1982 two officers, Captain Arne Nyland and Lieutenant Peter Reymert, both from Værnes Airport (near Trondheim) went to Hessdalen in order to study the phenomena as close as possible. So far as we know, this was the first time that the Norwegain Army has ever sent troops on a UFO-hunt, at least officially.

The two officers lived for a short period in a tent in Hessdalen, and here

they tell about their experiences:

"We did not see any UFOs. On the contrary we saw more than 30 shooting stars and satellites, in addition to 6-7 airplanes. And especially a lot of UFO-hunters running around in the terrain... People in Hessdalen have seen luminous objects since 1944, but many years passed before they dared to tell about their observations. But their accounts are credible, and the Army must take them seriously. There is much between heaven and earth which cannot be explained at the first glance".

Commander-in-chief for the Air Force of Southern Norway, Major-general Eyvind Schibbye, who was responsible for the Army's UFO-hunt in Hessdalen, says: "We have received trustworthy reports about objects, for which people cannot find any explanation. This we have to take seriously. There exist natural explanations for what people see in the night-sky. But sometimes it can be hard to find the right cause.

"The phenomena in Hessdalen could be atmospheric reflections, ball lightning or other meteorological phenomena," adds Major-general Schibbye, who himself does not believe in UFOs.

Hypotheses

Regarding the cause of the extensive UFO-activity, Arne Thomassen says: "An analysis of the cause would require a thorough treatise, and I am not yet ready for that. But several points are worth making. The fact that they hover motionless for minutes at a time over closed-down mines (of which there are plenty in this mountain area) could suggest various hypotheses. Generally speaking, the mountains are very rich in several minerals. Another fact is that the magnetic field of the earth here is the strongest in Norway. A third factor is that the mountain landscape around Hessdalen is almost untouched by the foot of man and relatively desolate - and during the winter rather difficult of access. Most inquisitive people won't come any further than Hessdalen itself, sitting in their cars with the heater at maximum.

"In our experience it is essential to be on a high level and look down on

the UFOs, as they are moving low...'

It might be added that UFO-Norge has on several occasions taken a magnetometer on their expeditions. So far, nothing abnormal has been measured. According to measurements made by the Norwegian Geological Institute (in 1965) there exists a very strong magnetic field just where some UFOs are reported to disappear.

We may also mention the following:

On Friday 3 September 1982 three persons from NIVFO made an observational excursion to Hessdalen, bringing with them some technical equipment, including a new American instrument developed for the purpose of measuring electrical voltage in air and ground. in addition to electromagnetism (especially in connection with powerlines).

One of the purposes in using this instrument was to find out whether detectable changes in the electrical potential of the air occur during UFO-observations. If a wind down the valley (or something else) could keep a gradient (change of voltage) of 1000 volt/cm air, then for instance the durability of balls of lightning would be much longer.

On Friday evening at 10.50 pm a luminous object suddenly popped up. It made a steady flight above Finnsåhøgda and kept itself above the top before it disappeared behind it after about 15-20 seconds. No sound could be heard. Seen through binoculars (7x50) one could see a red light in front of the object and a white light at the back. Unfortunately the observation happened so quickly that it was impossible to take any pictures or make any technical measurements.

The subsequent evening, Saturday 4 September, was much more successful in that respect. From 8.30 pm the members of the expedition had taken position at their point of observation and had trained themselves to identify the many satellites which passed in the sky. About 9.30 they saw a satellite which flew in the reverse of all the others - from east to west. This object which went in the opposite direction of the earth's rotation (some satellites do), disappeared after some time, without leaving a trace. A short while afterwards (at 9.45) another (?) object appeared near zenith, but this was, according to the witnesses, no satellite, for it began to move around in the

sky in several directions.

The instrument mentioned earlier was tuned onto measuring the voltage of the air. In the same moment as the object popped up in the sky, the indicator on the instrument gave a vigorious deflection, which amounted to a gradient of 100 volts per metre. Both before and after the observation the indicator was motionless in the zero position. No sources of error have been found which could have caused this deflection, so we believe that the variation of voltage is related to the observation of the unknown object.

As one might expect, several hypotheses have been put forward regarding the origin of the phenomena in Hessdalen. They are all old and familiar, and it is characteristic that most people are making cocksure statements without being in Hessdalen themselves or having the faintest knowledge of the details in many of the reports.

The scientist Thomas McClimans at the Harbour and Watercourse Laboratory in Trondheim stated in an interview with the newspaper "Adresseavisen" dated 16 March

1982:

"I will not maintain with a 100 percent certainty that I know the solution, to the UFO-observations in Hessdalen, but I think that the explanation could be this: Cold masses of air descend the valley and meet a warmer layer of air. In the division between these two layers there arises a mirror-like surface, where light from the sun, moon or other light-sources is reflected. It is a well-known phenomenon, which meteorologists designate reflection in inversion layers".

Of other "explanations" one can mention light from airliners, reflections from carlights, the planet Mars, and ball lightning. None of these, however, can explain all the sightings, though conceivably the explanation could be found through a combina-

tion of such phenomena.

For the time being, however, the observed and photographed phenomena in Hessdalen (and also in Arendal) remain unidentified. We will follow the case here in this journal and keep our readers informed.

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Translated from Norwegian by Mentz Kaarbø with the help of Hilary Evans.

LITTLE GREEN MEN...

