

SUNlite

Shedding some light on UFOlogy and UFOs



Volume 17 Number 3

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Front cover: A photograph of March's lunar eclipse. While I don't recall seeing any ufo reports involving the eclipsed moon, the moon did provide UFO reports. See pages 32-42 for a table identifying cases that could have involved the moon as a source of the report.

Where are all the 701 unknowns?

This is the final regularly scheduled issue of SUNlite. In it, you will find quite a bit. There are a lot of statistics from my Blue Book evaluations. I also created summaries of all my other list (Weinstein and UFO evidence under review) evaluations so one can have an index for finding where specific case investigations can be found. There is also a supplemental document that lists all the Blue Book reviews for reference on each case.

Readers might notice a difference between the summaries in the supplement and the summaries in previous issues of SUNlite. This has to do with some corrections that were submitted by some readers that I published in later issues. I also had examined more of the unidentified listings in subsequent issues, which changed their explanation from UNIDENTIFIED to a new classification. I also found some of the cases that I had previously not found. Finally, as I was compiling the data into the supplement, I recognized that some of the explanations were not correct.

When I was compiling all the data in this issue, I discovered that the total number of remaining unidentified cases and the ones I examined for the 701 club did not add up to 701. This is not news to those familiar with the Blue Book (BB) numbers. Dr. Hynek wrote about this in his book, The Hynek UFO report and Brad Sparks talked about it in his list. In the 1970s, CUFOS conducted some sort of review of the Blue Book files. Exactly what was done is not clear. Hynek wrote about it in his book and in the January and February 1977 editions of IUR. My impression was that they conducted a case-by-case review similar to what I did but Hynek mentioned that they could not conduct a review like Special Report 14. It seems that this was more of a sort and count (Hynek referred to it as a "statistical analysis" in IUR). In that evaluation, they discovered only 587 unidentifieds in the Blue Book files. Hynek suggested that the reason for this was because personnel at Blue Book had gone back and changed the classifications of these cases from unidentified to some other explanation. In an apparent effort to fix this perceived problem, CUFOS went back and increased the number of unknowns to 640. I suspect they changed certain cases that were championed by Hynek and McDonald as unidentified but Blue Book felt could be explained. It is depressing that the details about this review are missing. One would think that CUFOS would have published something other than the selected summary presented by Hynek. At least Hynek could have given us a list of the 640 cases that were determined to be "unknown". Instead, we are treated with something akin to "trust me" with these numbers.

I recounted the total number of Blue Book unidentifieds listed in the monthly summaries and came up with 597. We don't know when those monthly summaries were completed but I suspect it happened when Blue Book realized they needed a listing to track the cases. Hynek wrote in his book, his recollection was that the summary for 1952 was completed several years after 1952. What happened in those intervening years is difficult to say.

In and effort to clarify the situation, I decided to break down those 597 unidentifieds by year and compare them to Hynek and Blue Book's statistics to see where the discrepancy lay.

Year	Blue Book's value (1969)	CUFOS count	CUFOS re-evaluation	My count	Difference between BB's values and mine
1947	12	10	10	9	3
1948	7	7	16	7	0
1949	22	13	18	14	8
1950	27	27	31	27	0
1951	22	22	22	22	0
1952	303	208	242	215	88
1953	42	41	44	45	-3
1954	46	46	46	46	0
1955	24	24	26	20	4

1956	14	12	21	11	3
1957	14	13	25	14	0
1958	10	12	15	10	0
1959	12	12	14	12	0
1960	14	13	17	13	1
1961	13	13	14	13	0
1962	15	15	2	16	-1
1963	14	13	4	14	0
1964	19	18	9	19	0
1965	16	13	7	16	0
1966	32	33	36	32	0
1967	19	18	19	18	1
1968	3	3	4	3	0
1969	1	1	1	1	0
Total	701	587	640	597	107

The bulk of the missing sightings are in 1949 and 1952. 1952 is not a surprise due to the volume of reports but the 1949 difference was unexpected. According to BB Special Report 14 (SR-14), there were six unidentifieds from October to December of that year. The final summary sheets for that time period lists none. Comparing the numbers with SR-14, we get the following:

	October	November	December
Total object sightings SR-14	9	12	15
Total case files BB monthly summary sheets	31	13	16
Unidentifieds SR-14	1	2	3
Unidentifieds BB monthly summary sheets	0	0	0

Other than October, the totals closely agree. This indicates the unidentifieds were probably not removed but are in the summaries. It is important to note that the final summaries during this time period list cases but only classified a few. The individual case files contain no record cards and there is no indication if, or how, they were classified. This indicates that these missing unidentifieds from 1949 were probably cases that were in the summary but had no classification assigned to them.

Looking into 1952, I performed a count of the final stats from the BB files and compared them to the values found in SR-14 and 8.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BB final U	1	2	4	21	12	40	54	28	26	13	8	3
Total final	14	17	23	84	71	129	412	243	114	58	52	50
SR-14 U	2	4	4	29	10	26	100	60	31	11	15	11
Total SR14	13	17	23	82	79	148	536	326	124	61	50	42
SR-8 U						57	93	34	22			
Total SR 8						147	442	218	79			

For the total final Blue Book numbers for both the 1949 and 1952 tables, I counted the total number of case files and not the total number of sightings, which is what I counted in the monthly totals on pages 13-31. This resulted in 215 unidentifieds and 1267 total cases. Using the SR-14 "object sightings" for 1952, the total number of unidentifieds was 303 and total number of cases, 1501. These are the same numbers that Blue Book published in 1969 indicating this is where the numbers from 1947-1952 originated. Looking at the monthly breakdowns, we discover the bulk of the discrepancy lay in the July and August time frame. Blue Book Special Report 8 (SR-8) had different numbers for this time period but it was probably due to their data collection/classification being incomplete at the time. Interestingly, the June unidentifieds in SR-8, SR-14, and the final list don't agree very much. While the totals for SR-14 and 8 are almost the same, the unidentifieds are significantly different. I suspect that cases were reclassified sometime after the release of SR-8 but were later changed back to unidentified after SR-14 was released.

The reason for the change in numbers of unidentifieds between SR-14 and actual final values is hard to say. Sparks' conclusion appears to be that the unidentifieds were removed for nefarious reasons, I think there are other possibilities that should be considered:

1. Individual cases may have been combined into one large case file. The Washington DC sightings are covered by three cases but

there were so many sightings that night, the individual sightings may have been in the dozens. They may have been originally in separate files. In order to tidy things up, Blue Book may have elected to put them into the three folders. This would reduce the total number of cases as well as combining all the unidentifieds into one unidentified case.

2. Some case files had more than one sighting in them. The Mexico case file of August 26-30, 1952, listed as unidentified, had four different reports. I counted it as four sightings but one case. Two of them I determined were insufficient data. I left the other two as unidentified. Did Blue Book count this as four unidentifieds or one?
3. There were quite a few cases that were never classified or the classifications were lost. The summaries just listed a case but no classification. As previously noted, this seems to be the reason for the significant discrepancy for 1949. This non-classification happened during the July-September 1952 time frame as well. There were 39 in July and a significant number of these were from Washington DC. It is possible that some of these were initially considered unidentifieds but that classification was removed/lost.
4. The total unidentifieds being wrong in 1952 (215 vs 303) could have been a bookkeeping error. After the release of SR 14, there may have been an effort to reclassify, consolidate, or remove some poor reliability cases from the files. The earliest I could find any effort to present totals, with breakdowns by type and year, was when Blue Book released SR14 in October 1955. This indicates, Blue Book probably did not officially keep track of the numbers until then. It may have been a case of Blue Book just copying the values from SR14 and never bothering to update the numbers to reflect any changes in the individual cases.

Brad Sparks could be right and Blue Book did not want so many unidentifieds so they maliciously removed/reclassified them. That seems to be an extreme view. If Blue Book really felt that way, they could have simply disposed of all the unidentifieds prior to 1953 by reclassifying them as explained/insufficient data/unreliable. I am of the opinion the difference was a combination of all the possibilities I listed. The biggest source of the error seems to have been poor record keeping.

In any event, the number of blue book unknowns was not 701 but something like 597 (depending on how you count them)! Despite placing 129 sightings into a different category in my examination of these 597 unidentifieds, there are still 494 unknowns on the list because I had added 26 more sightings into the unknown category during my review of all the Blue Book cases. I could change the title of my examination of the unknowns as the 597 or 494 club but I decided to retain the 701 club title. Not because it is the correct value but because it was what Blue Book published as their final number.

I hope readers will find the data I present here helpful in any research they are conducting on Blue Book. I recognize that this work is just a start for future endeavors others might want to pursue. I certainly don't consider it "the final word" on the subject. I did not time myself but, on average, I dedicated about five minutes to evaluate each sighting (some more and some less). Using that value, over 13,000 sightings computes to over 1,000 man-hours during this seven-year project. Because of the large quantity of sightings, I am sure there are mistakes in counting or classifications. Perhaps the only way to do this properly would be for a group effort similar to that done in SR-14. I would encourage such a project and recommend that it should include both skeptics and proponents, who can be objective. For anyone attempting any effort to look at the Blue Book files in detail, I want to remind them that "patience is a virtue". I know that my patience was tried on multiple occasions.

Weeding out the Weinstein catalog final listing

This is a listing of cases in the Weinstein catalog that I, and others, have reviewed over the years that I felt should be removed from the list. These 84 events are not a complete listing since I just got tired of doing the work that others should have done when the list was compiled. As I wrote in my article for the book, "The reliability of UFO witness testimony", 423 out of the 1305 cases should be listed as "insufficient information" because they contain either no date or time. That means over 32% of the list cannot be properly evaluated. Some of those that do contain a date and time are also missing crucial information due to the source of information used. This list contains all the cases that I have examined over the past twelve years (with a little help from Ted Molczan).

Event	Description	Evaluation	Source
48.04.09	Montgomery, AL. One silver disc-shaped object with a dark cable and sphere underneath.	Possible balloon	SUNlite 13-2
48.07.24	Near Montgomery, AL. Near-collision with cigar-shaped object with two rows of portholes.	Probable fireball	SUNlite 8-2
49.01.04	Hickam AFB, HI. One large round object circling the area at 3000 feet high.	Possible balloon	SUNlite 13-1
49.01.24	S. of Bermuda. A red glow on the sea. 1-mile large, with beams of white light	Aurora	SUNlite 15-1
49.3.12	40 mi SE of Des Moines airport. One reddish-yellow fiery ball descending from East to West.	Fireball meteor	SUNlite 14-2
49.06.08	Haines, AK. One very bright blue-green ball of light gradually disappeared	Probable fireball	SUNlite 12-3
50.02.01	Arizona. An object with a trail of smoke	Probable fireball	SUNlite 8-1
50.03.08	Dayton, OH. A huge round and metallic-looking object hovered then climbed away.	Venus	SUNlite 13-2
50.03.20	Stuttgart, AR. A disc with 9-12 portholes and a light on top	Possible fireball	SUNlite 10-2
50.03.23	85 mi NW of Jax, FL. One Blue-White flame (50-75 feet long)	Probable fireball	SUNlite 15-2
50.06.24	Mojave Desert, CA. A cigar shaped object	Possible fireball	SUNlite 6-3
50.9.20	Denver Colorado. One brilliant white star-like object, accelerated and decelerated emitting sparks.	Fireball	SUNlite 14-5
51.08.12	South of Birmingham, AL. Two streaks of light at high altitude. Descending and traveling at high speed	Perseid meteors	SUNlite 16-4
51.09.23/ 51.07.23	March AFB, CA. A round silvery object at high altitude	Probable research balloon	SUNlite 9-5
51.11.26	25 mi east of Milwaukee, WI. One orange ball of fire with a blue tail flew a level course.	Probable Meteor	SUNlite 16-6
52.01.21	SE of Mitchell AFB, New York. Pilot chased a white circular domed disc which accelerated and climbed away	Weather Balloon	SUNlite 15-1
52.01.22	North Alaska Radar outpost Nenana, AK. A UFO maneuvered when pursued.	Anomalous Propagation.	SUNlite 16-1
52.04.29	Goodland, KS. A white blinking light.	Possible fireball	SUNlite 8-2
52.05.08	Atlantic Ocean, 600 miles east from Jacksonville, FL. 3 lights approaching from the left. The bigger was white, the two others orange.	Fireball	SUNlite 15-3
52.05.12	Zuni, NM. Two reddish torpedo-shaped objects appeared directly in front of the airliner.	Fireball meteor	SUNlite 14-3
52.06.02	Fulda, Germany. A white object flew at great speed	Possible balloon	SUNlite 8-3
52.07.12	Indiana, Illinois, Ohio. Multiple entries in the catalog	Fireball	SUNlite 15-4

52.09.13	Allentown, PA. A red-orange football shaped went down, then climbed in front of the plane.	Possible fireball	SUNlite 15-5
52.12.4	Laredo, TX. Near collision with blue glowing object	Possible balloon	SUNlite 15-6
52.11.26	Goose Bay, Canada. One bright orange and red light, no definite shape.	Probably Venus	SUNlite 12-6
52.12.15	Goose Bay, Canada. A red light maneuvering and becoming white.	Possibly Altair	SUNlite 12-6
52.12.29	Japan. A UFO emitted 3 beams of light.	Probably Venus	SUNlite 8-6
53.02.06	Rosalia, WA. Blinking white light turned and disappeared	Possible weather balloon	SUNlite 10-1
53.02.11	Libya. A disc passed the plane	Probably Venus or Jupiter	SUNlite 6-1
53.10.17/ 53.10.09	Europe. An object looking like two inverted plates (note: This date is incorrect and it is October 9. There is a second entry in the Weinstein catalog for October 9 in southern England. It is the same sighting).	Possible research Balloon	SUNlite 15-5
54.05.24	Dayton, OH. Circular object below plane	Sub sun	SUNlite 7-1
54.06.01	Boston, MA. A big white disc flew against the wind	Probable research balloon	SUNlite 11-3
54.10.29	Philippine Islands. A long and narrow bright blue object with deep orange sparks from front and rear.	Meteor	SUNlite 16-5
54.11.12	Kentucky, Ohio, Indiana. Interceptors chased targets tracked on radar	Probable research balloon	SUNlite 5-2
55.06.04	Parker, AZ. One object. Yellow, white, and red. Stationary then disappeared abruptly.	Jupiter	SUNlite 15-3
56.01.22	Gulf of Mexico. A big elongated light with yellow lights	Possible fireball	SUNlite 11-1
56.04.08	Schenectady, NY. A white light hovered and disappeared at great speed.	Probably Venus	SUNlite 9-2
57.03.09	150 mi. East of Jacksonville. Pilot made abrupt turn to avoid white-greenish object.	Probable fireball	SUNlite 5-1
57.03.29	Bahamas. A bright pulsating object.	Probably Jupiter	SUNlite 8-2
57.06.30	Belo Horizonte, Brazil. A bright red orange disc maneuvered around the plane	Possibly related to known daylight fireball	SUNlite 6-5
57.08.27	Dry Tortugas, FL. One object with a bright red to reddish-yellow pulsating light.	Probably Venus	SUNlite 12-4
57.10.10	Western US. A huge bright red fireball with a blue tail flashed across the sky.	Probable fireball	SUNlite 13-5
58.01.20	Near Bitburg, Germany. A White-Bluish fluorescent light with a tail emitted a blinding flash	Probable fireball	SUNlite 17-1
58.06.12	10 mi W of Huntsville, TX. One oval shaped reddish object, size of a pinhead, on a south to northeast course.	Sputnik 3 booster rocket	SUNlite 16-3
58.12.18	Atlantic Ocean. One reddish object with a red trail of fire, no sound. (Could be a missile: Blue Book)	Atlas missile launching SCORE satellite	SUNlite 12-6
59.02.24	Pennsylvania. Three bright yellow-orange lights changing colors	Refueling operation	SUNlite 9-1
59.07.11	800 nm east of Hawaii. Pilot saw bright light and two smaller lights	Probable fireball	SUNlite 8-4
59.07.14	Brazil. A light followed the plane during one hour, changed colors	Venus	SUNlite 15-4

59.09.13	Bunker Hill AFB, IN. White pear-shaped object observed for 3 hours	Probable research balloon	SUNlite 5-6
59.09.24	Redmond, OR. A huge disc hovered over the city before taking off vertically.	Venus followed by Sirius. Radar contact was false target.	SUNlite 17-2
60.07.02	Near Puerto Rico. Aircraft followed by bright object for twenty minutes	ICBM test launch	SUNlite 7-3
61.01.10	Benjamin, TX. A bright red object followed by the pilot, landed. Pilot interviewed by USAF.	Venus	SUNlite 17-2
61.04.24	Pacific. A white-reddish light	Echo Satellite	SUNlite 13-2
61.05.20	Tyndall AFB, FL. White-orange object observed. Disappeared when craft approached	Probably Venus	SUNlite 6-4
61.09.21	Aircraft near Wake Island. Bright object with halo	Soviet ICBM test	SUNlite 5-5 and 7-1
62.08.22	Between Wichita and Liberal, KS. Guymon Airport, OK. (2 entries). A bright object flew from east to west, hovered, then disappeared. One bright object traveling very fast.	Possible fireball. Jupiter.	SUNlite 13-4
62.12.22	Argentina. A bright object hovered near the ground, climbed and went away	Possible moon rise	SUNlite 4-6
63.03.11	Oahu. National Guard pilots report bright light with a trail flying at high speed	Vandenberg ICBM test	SUNlite 4-5
66.06.26	Between Hawaii and Wake island. One bright light seemed to expand like a gas bubble with bright blinking light in center	Vandenberg ICBM test	SUNlite 4-6
66.09.30	Above Virginia. One light seen for twenty seconds.	Wallops Island Nike-Ajax missile launch.	SUNlite 12-5
67.01.22	Pacific Ocean. One milky pulsating light surrounded by a glowing bubble of gas.	Vandenberg ICBM test	SUNlite 12-1
67.12.03	Cape Kammeny, USSR. A very bright object followed the plane of the Soviet Civil Aviation scientific institute.	Cosmos 194 launch	SUNlite 13-6
73.11.12	Tallahassee, Florida. One spherical object, bright red to white, low on the horizon, and then climbed away.	Venus	SUNlite 14-6
74.01.26	Portugal. V-formation of 10-15 orange saucers	Molniya 1-25 BOZ re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
75.01.15	Japan. 15-16 grayish-blue object flying in two formations	Cosmos 701 KDU re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
75.01.15	Groton, CT and RI (2 entries). One large greenish-white solid object heading east. One large green disc heading east.	Wallops island Aeronomy test.	SUNlite 13-1
75.08.14	Stockton Airport, CA. A disc emitting a bright orange light became dark red when climbing at great speed.	Minuteman II missile test launch	SUNlite 13-4
76.09.19	Portugal. Near collision with blue oval-shaped object with rows of red and white lights	Molniya 1-35 BOZ re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
76.10.17	Akita Japan. A golden bright disc above the airport, motionless, flew away towards the sea	Possible research balloon	SUNlite 15-5
77.03.12	South of Syracuse NY. One round bright white object. Strong effects on the autopilot and three compasses.	Probably Venus	SUNlite 11-5

79.08.20	Poland. Four light radiating objects flying in triangular formation.	Cosmos 1122r re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
82.02.08	Between Petrolina and Rio De Janeiro, Brazil. Followed by a bright disc with flashing red, blue, orange, yellow and white lights.	Venus	SUNlite 16-1
82.03.17	125mi s. of Jacksonville, FL. Three objects with highly illuminated vapor trails.	Submarine Trident C-4 multiple missile test launch	SUNlite 12-2
83.12.02	Poland. An object with a light in front and a flaming trail	Gorizont 18r re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
84.07.27	Pennsylvania and Michigan. A rocket shaped object paced a plane and three metal looking spheres with a luminous trail pass the plane.	Cosmos 1569r re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
87.12.12	Fort Wayne, IN. Two object both with two rows of lights approached rapidly.	Raduga 21r re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
89.10.24	Northern IN. A boomerang-shaped object with a beam of light passed the plane	Molniya 1-76 BOZ re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
90.11.05	Germany and North Sea. A formation of UFOs and two mysterious lights.	Gorizont 21r re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
91.8.20	West of Tula, Russia. A huge luminous spherical object, near collision with one plane	Topol' ICBM launch	SUNlite 14-4
93.03.31	Ireland/UK. Two bright whitish spots with vapor trails (possible Russian rocket re-entry)	Cosmos 2238r re-entry	Molczan, Ted: Visually Observed Natural Re-entries of Earth Satellites
94.1.27	Kazakhstan Republic. A brilliant luminous object with a contrail maneuvered at about 100,000 feet	Progress M-21 launch	SUNlite 14-1
95.11.17	Near Long Island, NY. One bright light with green tail passing very fast from south to north.	Probable fireball	SUNlite 11-6
96.04.12	Phillipsburg, PA. An intense fireball paced airliner. Suddenly moved 20 miles in a few seconds.	Possibly Venus/Insufficient data	SUNlite 16-2
99.12.26	Near Springfield, Mo. One white lighted object passed the airliner at a distance of 2-5 miles	Probable Fireball	SUNlite 15-6

THE UFO EVIDENCE UNDER REVIEW LISTING

Starting in SUNlite 4-5, I decided to look at the cases in NICAP's "UFO Evidence". In that book, the cases listed were supposed to have been evidence for "manifestations of extraterrestrial life". As I examined more and more cases, it became clear that many of sightings are based on single sources or sources that are not readily available. Despite this handicap, I managed to examine 85 cases from the document over the past dozen years. Most of my evaluations have demonstrated that NICAP (as well as other UFO organization/aficionados) overstates their case on how good the evidence is. Only one of the cases remained "unidentified" (Levelland November 2, 1957), and that had some suspect information associated with it. This is the list of cases I examined and the conclusions I arrived at about the incidents.

Date	Location	Explanation	SUNlite issue
2/2/50	Davis-Monthan AFB, AZ	Meteor	8-1
3/8/50	Dayton, OH	Venus	13-2
3/10/50	Orangeburg, SC	Contrail	14-2
3/20/50	Stuggart, AR	Meteor	10-2
5/28/50	White Sands, NM	Wind borne objects/Insufficient information.	13-3
6/21/50	Hamilton AFB, CA	Meteors	12-3
6/24/50	California Desert	Meteor	6-3
7/23/51	March AFB, CA	Duplicate entry of 9/23/51, which is correct date.	9-5
9/23/51	March AFB, CA	July 23, 1951 entry is duplicate. Research balloon	9-5
11/7/51	Lake Superior	Meteor	11-6
1/20/52	Fairchild AFB, WA	Meteor	13-1
1/21/52	Mitchell AFB, NY	Balloon	15-1
1/22/52	Radar station North Alaska	Anomalous Propagation	16-1
5/8/52	Atlantic Ocean	Meteor	15-3
8/1/52	Sharonville/Bellefontaine OH	Balloon	14-4
9/19/52	North Sea	Balloon	17-1
11/16/52	Landrum, SC	Contrail/Parahelia	7-5
12/4/52	Laredo, TX	Balloon	15-6
12/10/52	Hanford, WA	Balloon	14-6
12/15/52	Goose Bay AFB, Labrador	Altair	12-6
12/29/52	Northern Japan	Venus	8-6
1/9/53	Misawa AFB, Japan	Balloon	14-1
2/6/53	Rosalia, WA	Balloon	10-1
2/11/53	Tunis-Tripoli	Venus	6-1
8/9/53	Moscow, ID	Reflection on cloud/haze	10-4
9/11-3/53	Chiloquin, OR	Moby Dick balloons	4-5
10/18(19)/53	English Channel	Research balloon	15-5
11/3/53	London, England	Moby Dick balloon	4-5
1/4/54	Quantico, VA	Grimes light on aircraft	5-3
5/24/54	Dayton, OH	Sub Sun	7-1
6/1/54	Boston, MA	Research balloon	11-3
6/26/54 Actually 7/31/54	Idaho Falls, ID	Meteor	16-3
6/30/54	Oslo, Norway	Window reflection	9-3
8/28/54	Oklahoma City, OK	Rumor/Insufficient information	6-2
10/7/54	Isle-sur-Suippe, France	English soldiers on maneuvers	12-5
11/12/54	Louisville, KY	Research balloon	5-2

6/16/55	Eastern US	Rumor/Insufficient information	4-5
8/23/55	Cincinnati, OH	Rumor/Insufficient information	8-5
10/2/55	Akron/Alliance, OH	Research balloon	10-5
11/23/55	Spirit Lake, IA	Venus	7-6
1/22/56	Gulf of Mexico	Meteor	11-1
4/8/56	Schenectady, NY	Venus	4-5 and 9-2
7/19/56	Hutchinson, KS	Venus/Mars/Capella	12-4
9/6/56	Pasadena, CA	Arcturus/Insufficient information	14-5
11/24-5/56	Pierre, SD	Moon	4-5
3/9/57	San Juan, Puerto Rico	Meteor	5-1
3/22-3/57	Long Beach, CA	Stars	5-4
3/29/57	East coast of FL	Jupiter and unrelated radar target	8-2
6/30/57	Belo Horizonte, Brazil	Meteor	6-5
7/9/57	Hamilton, Ontario	Balloon	16-4
11/2/57	Levelland, TX	Unidentified	16-6
11/5/57	Aiken, GA	Venus	13-6
11/5/57	USS Sebago Gulf of Mexico	Meteor/Anomalous Propagation	9-6
11/6/57	Danville, IL	Venus	10-6
12/12/57	Tokyo, Japan	Venus/Anomalous Propagation	7-2
4/4/58	Santa Monica, CA	Insufficient information	11-2
4/7/58	Newport beach, CA	Possible aircraft	16-2
4/11/58	Johannesburg, S. Africa	Aircraft calibrating Mini-Track station	15-2
5/17/58	Ft. Lauderdale, FL	Jupiter missile launch	14-3
6/23/58	England AFB, LA	Reflection in Window	8-3
9/8/58	Omaha, NE	Contrail	11-5
2/24/59	Pennsylvania	Refueling operation	9-1
4/3/59	Ocoee, FL	Jupiter missile launch	4-5
4/12/59	Montreal, Canada	Possible spotlight operation	12-2
7/11/59	Pacific Ocean	Meteor	8-4
7/14/59	Pampulha, Brazil	Venus	15-4
9/24/59	Redmond OR	Venus/Sirius/Anomalous Propagation	17-2
2/14/60	Nome, AK	Meteor	12-1
3/4/60	Dubuque, IA	Aircraft	5-3
7/2/60	Maiquetia, Venezuela	Atlas missile test	7-3
8/13/60	Red Bluff, CA	Meteor/Echo satellite and moon rise	9-4
9/15/60	Carrizales, Venezuela	Discoverer 14 re-entry	5-6
1/10/61	Benjamin, TX	Venus	17-2
5/20/61	Tyndall AFB, FL	Venus	6-4
5/29/61	Newark, OH	Insufficient data	10-3
9/13/61	Crawfordsville, IN	Wallops Island Aeronomy mission	13-5
9/21/61	Pacific	Soviet R-7 ICBM test	5-5
8/2/62	Liberal, KS	Jupiter/Meteor	13-4
9/18/62	Northeast OH/Westwood and Oradell, NJ	TIROS 6 launch	4-5
9/20-1/62	Hawthorne, NJ	Jupiter	16-5
10/3/62	Chicago, IL	Atmospheric distortion/Aircraft/Balloon/Bird	6-6

12/22/62	Buenos Aires, Argentina	Possible Moon rise or Venus	4-6
3/11/63	Oahu, HI	Atlas Missile	4-5
8/1/63	Garston Hertfordshire, England	Research balloon	11-4
9/26/63 Actually 9/25/63	Sunnyvale, CA	Atlas Missile Launch	4-5
11/14/63	Carson City, NV	Titan Missile Launch	4-5

BLUE BOOK CLASSIFICATIONS SUMMARY

This is a breakdown from my Blue Book case review that I have been conducting for the past seven years. The numbers may not be precise. I tried to double and triple check the counts on the various years to make sure they were correct but one cannot be sure when doing such a task. Readers might notice the numbers don't quite agree with Blue Book's data. There are several reasons for this:

1. Some cases had multiple events and explanations. I counted each one. If three objects were seen separately, and required different explanations, I counted it as three sightings. This did not apply for formation sightings. I classified that as one specific sighting. In some cases, multiple formations were reported over a period of time (See 5/10/52 Ellenton SC unidentified sighting). I still placed them under one sighting because it was too difficult to break them down.
2. Some cases did not have any files that I could locate. These fell into the No Case File category.
3. In some instances, Blue Book lumped many cases into one case folder with one generic explanation (EX: August 1965 Houston area and Midwest flap folders). I expanded those case files and examined the individual cases in them.

Year	Insufficient information/conflicting data	Unidentified	Venus	Stars/ Planets/ comets	Aircraft	Balloon	Meteors	Birds/ insects	Satellites	Rockets/ missiles	Hoax/unreliable/ psychological/ Hallucination	Clouds/ contrails	Radar malfunction/false targets/ weather returns	Ground search ship lights	Satellite decay	Physical specimen
1947	29	9	0	0	5	10	18	5	0	0	11	2	0	0	0	2
1948	15	5	10	3	20	23	46	8	0	0	8	6	3	1	0	1
1949	16	13	6	15	85	42	88	29	0	1	6	13	0	6	0	6
1950	28	21	8	7	32	26	41	7	0	0	6	8	7	1	0	0
1951	30	19	8	5	20	22	30	4	0	0	11	6	8	1	0	1
1952	122	174	17	126	168	220	251	48	0	1	25	20	34	10	0	3
1953	60	43	55	49	54	82	77	8	0	1	14	6	17	7	0	2
1954	86	34	16	39	63	71	106	14	0	1	9	4	5	10	0	5
1955	59	18	12	51	104	97	87	9	0	0	24	3	4	13	0	3
1956	84	8	61	117	125	85	103	11	0	1	18	0	7	7	0	2
1957	108	12	141	97	214	112	201	13	7	0	34	10	26	10	0	4
1958	59	10	15	52	106	66	188	10	18	6	20	13	2	5	2	14
1959	37	12	28	30	101	33	110	6	2	14	12	5	8	9	0	7
1960	42	10	11	58	72	25	199	13	34	16	14	10	6	6	2	13
1961	61	6	44	54	86	37	131	8	88	9	10	14	6	2	0	5
1962	44	13	23	27	83	17	109	5	85	8	16	9	0	3	4	23
1963	41	10	1	29	87	22	76	2	93	10	15	6	0	3	1	6
1964	53	17	26	45	87	22	93	7	167	6	26	4	3	5	0	7
1965	115	14	69	241	245	45	163	21	259	7	29	5	7	7	2	5
1966	146	23	42	221	270	46	125	17	182	9	26	11	3	14	4	2
1967	158	17	76	112	209	78	53	11	129	9	58	9	3	7	2	5
1968	64	5	13	45	74	43	18	1	52	3	24	1	1	3	2	2
1969	25	1	9	26	27	14	15	0	6	2	5	0	0	1	1	0
Total	1482	494	691	1449	2337	1238	2328	257	1122	104	421	165	150	131	20	118
%	11.1	3.7	5.2	10.9	17.5	9.3	17.4	1.9	8.4	0.8	3.2	1.2	1.1	1.0	0.1	0.9

Year	Photo flaw/lens flare/re- flections	Flares/ fireworks	Moon moon reflection	Aurora	Reflec- tion/Sun/ Parahelia	Wind borne/ falling objects	Mirage	Equip- ment Malfunc- tion	Anti-Air- craft/ Gun fire/ explo- sions	No case file	Ground /sea object	Reflec- tion in window	Swamp gas/ Ground fires	Aerial strobe/ Flash	Weather	Total
1947	1	1	0	1	3	1	0	0	0	12	0	0	0	0	0	110
1948	0	4	1	0	0	0	1	0	0	17	0	0	0	0	0	172
1949	1	3	2	1	1	5	0	1	1	18	0	0	0	0	0	359
1950	3	1	1	0	7	1	0	0	0	4	0	0	0	0	0	209
1951	0	0	5	0	0	1	0	0	1	0	1	0	0	0	0	173
1952	4	5	7	1	5	3	0	0	2	65	1	1	0	1	0	1314
1953	1	1	3	0	6	1	2	0	0	27	0	0	0	1	0	517
1954	0	1	5	1	7	3	1	0	2	3	4	0	1	0	0	491
1955	1	6	4	0	3	3	1	0	2	0	2	1	0	0	0	507
1956	4	4	6	1	2	1	0	1	0	0	0	0	0	1	1	650
1957	2	5	11	9	2	6	0	1	0	11	0	0	0	0	0	1036
1958	7	2	4	0	5	1	1	0	3	20	1	0	0	0	0	630
1959	5	3	3	1	4	1	0	1	0	3	3	2	0	1	0	441
1960	4	4	3	2	6	2	0	0	0	3	1	3	0	0	0	559
1961	1	5	4	1	4	1	0	1	0	15	0	1	0	0	0	594
1962	1	1	5	0	1	0	0	0	1	3	0	1	0	0	0	482
1963	3	0	5	1	3	3	0	1	0	0	1	0	0	0	0	419
1964	6	5	4	0	1	2	0	0	0	20	1	0	1	0	0	608
1965	6	2	9	0	9	2	1	1	1	40	0	3	0	0	1	1309
1966	6	4	26	0	3	0	0	0	0	17	1	2	3	0	2	1205
1967	7	3	11	0	0	4	1	0	0	58	1	2	0	0	0	1023
1968	3	1	6	0	3	1	0	0	0	32	0	0	0	0	0	397
1969	1	0	1	0	1	1	0	0	0	13	0	0	0	0	0	149
Total	67	61	126	19	76	43	8	7	13	381	17	16	5	4	4	13354
%	0.5	0.5	0.9	0.1	0.6	0.3	0.06	0.05	0.1	2.9	0.1	0.1	0.04	0.03	0.03	100.01

The results of the data is interesting. Some items worth noting:

- I thought the Venus explanation worthy of its own category. Instead of combining the Venus sightings with the stars and planets, I broke it out. This way, individuals might be able to use that data for future analysis on that type of explanation.
- In the later years, the number of insufficient data and unreliable reports increased significantly. This was because youths and adults began to mail in letters to Blue Book with their sightings. Many of these letters were incomplete, lacked good data, or were reports about sightings months or years previously. When sighting forms were sent to the individual, they did not return them or what they did return was inadequate.
- There was also a rise in balloon sightings in the later years. This had to do with the widespread use of "prank fire" balloons. Their use became prevalent in the late 60s as the instructions on how to create them became widely available. Like the Chinese lanterns of the 2000s, they produced quite a few UFO reports.
- Around 1961, satellites became a prominent source of UFO reports. The launching of the Echo 1 satellite in August of 1960 had a lot to do with this because it was a very bright satellite and could be visible for over 10 minutes under the right conditions.
- The number of unidentifieds decreased significantly in the later years, even though I had added quite a few new ones to the list. This may be due to the increased ability of Blue Book to gather information and solve cases or, as many UFO proponents believe, they wanted to use bogus explanations. In some cases, I found their explanations poor or bad but I did not consider their effort sinister in nature. It usually depended upon the UFO officer, who performed the initial investigation. A good officer would collect the data correctly and pursue leads. A bad officer did not. Good data helped solve most cases. Bad data made it more difficult.
- Many of the unidentifieds in the mid to late 60s involved spaceship landings or close encounters. These could have been inspired by popular television programs (Lost in space/Twilight zone/Outer limits, Invaders, etc) involving spaceships and aliens.

What follows is the breakdowns of each year by months.

Blue Book Monthly break downs

1947

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information						11	9	4	1	2	2	0	29
Unidentified						2	5	1	0	1	0	0	9
Venus						0	0	0	0	0	0	0	0
Stars/Planets/Comets						0	0	0	0	0	0	0	0
Aircraft						0	1	1	0	3	0	0	5
Balloon						4	6	0	0	0	0	0	10
Meteors						0	8	2	2	2	2	2	18
Birds/Insects						1	1	2	1	0	0	0	5
Satellites						0	0	0	0	0	0	0	0
Rockets/missiles						0	0	0	0	0	0	0	0
Hoax/Unreliable/ Psychological/ Hallucination						2	5	3	1	0	0	0	11
Clouds/Contrails						1	0	0	0	0	0	1	2
Radar Malfunction/ False Targets/ Weather returns						0	0	0	0	0	0	0	0
Ground/Search/Ship lights						0	0	0	0	0	0	0	0
Satellite decay						0	0	0	0	0	0	0	0
Physical Specimen						0	2	0	0	0	0	0	2
Photo flaw/Lens flare/Internal reflections						0	1	0	0	0	0	0	1
Flares/Fireworks/Pyrotechnics						0	1	0	0	0	0	0	1
Moon/Moon halo/Moon dog						0	0	0	0	0	0	0	0
Aurora						0	1	0	0	0	0	0	1
Sun/Sun reflection/Parahelia						1	1	1	0	0	0	0	3
Wind blown/Falling objects						0	1	0	0	0	0	0	1
Mirage						0	0	0	0	0	0	0	0
Equipment Malfunction						0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions						0	0	0	0	0	0	0	0
No Case file						0	8	0	0	0	1	3	12
Ground /sea object						0	0	0	0	0	0	0	0
Reflection in window						0	0	0	0	0	0	0	0
Swamp gas/Ground fires						0	0	0	0	0	0	0	0
Aerial Strobe/flash						0	0	0	0	0	0	0	0
Weather						0	0	0	0	0	0	0	0
Total						22	50	14	5	8	5	6	110

1948

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	2	1	0	0	5	1	0	0	1	0	1	4	15
Unidentified	0	0	0	1	0	0	2	0	0	1	0	1	5
Venus	3	0	1	0	1	0	1	1	1	0	1	1	10
Stars/Planets/Comets	0	0	0	0	0	0	0	0	0	1	1	1	3
Aircraft	1	0	1	0	1	0	5	2	1	4	4	1	20
Balloon	1	0	0	4	0	2	5	2	1	5	3	0	23

Meteors	7	3	3	0	1	2	6	2	1	3	7	11	46
Birds/Insects	0	0	0	3	0	0	2	0	1	1	0	1	8
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoax/Unreliable/ Psychological/ Hallucination	1	0	0	1	0	3	1	1	0	1	0	0	8
Clouds/Contrails	0	0	0	2	0	0	1	1	0	0	1	1	6
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	0	0	0	2	1	0	3
Ground/Search/Ship lights	0	0	0	0	1	0	0	0	0	0	0	0	1
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	0	0	1	0	0	0	0	0	1
Photo flaw/Lens flare/Internal reflections	0	0	0	0	0	0	0	0	0	0	0	0	0
Flares/Fireworks/Pyrotechnics	0	0	3	0	0	0	0	0	0	0	0	1	4
Moon/Moon halo/Moon dog	0	0	0	0	0	0	1	0	0	0	0	0	1
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	0	0	0	0
Mirage	0	0	0	0	0	0	0	0	0	0	1	0	1
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	1	1	0	0	1	0	2	2	1	7	0	2	17
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	5	8	11	10	8	27	11	7	25	20	24	172

1949

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	0	0	2	5	0	2	3	1	1	1	0	1	16
Unidentified	2	0	1	4	4	0	2	0	0	0	0	0	13
Venus	0	0	0	0	1	0	0	1	0	1	1	2	6
Stars/Planets/Comets	0	3	0	2	2	0	5	2	0	0	1	0	15
Aircraft	2	3	3	8	20	11	12	7	10	7	0	2	85
Balloon	1	1	2	2	5	9	7	5	3	2	3	2	42
Meteors	6	6	15	9	5	13	10	6	3	7	4	4	88
Birds/Insects	0	0	1	4	4	5	3	2	3	5	2	0	29
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	1	0	0	0	0	0	0	0	0	0	0	0	1
Hoax/Unreliable/ Psychological/ Hallucination	0	0	0	1	0	1	1	3	0	0	0	0	6
Clouds/Contrails	1	0	2	2	1	0	1	2	2	0	1	1	13
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	0	0	0	0	0	0	0

Ground/Search/Ship lights	0	0	0	1	1	0	1	1	0	2	0	0	6
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	1	1	1	0	0	3	0	0	0	0	6
Photo flaw/Lens flare/Internal reflections	1	0	0	0	0	0	0	0	0	0	0	0	1
Flares/Fireworks/Pyrotechnics	0	0	0	2	0	0	1	0	0	0	0	0	3
Moon/Moon halo/Moon dog	0	0	0	0	1	0	0	1	0	0	0	0	2
Aurora	1	0	0	0	0	0	0	0	0	0	0	0	1
Sun/Sun reflection/Parahelia	0	0	0	0	1	0	0	0	0	0	0	0	1
Wind blown/Falling objects	0	0	0	1	0	0	1	3	0	0	0	0	5
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	1	0	1
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	1	0	0	0	0	0	1
No Case file	0	0	1	0	1	1	0	2	2	6	1	4	18
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15	13	28	42	47	42	48	39	24	31	14	16	359

1950

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	1	2	3	2	2	3	4	2	2	3	1	3	28
Unidentified	0	2	4	2	1	1	1	4	2	2	1	1	21
Venus	1	1	5	0	0	1	0	0	0	0	0	0	8
Stars/Planets/Comets	3	1	1	1	0	0	1	0	0	0	0	0	7
Aircraft	2	1	5	3	2	1	5	3	3	2	2	3	32
Balloon	1	0	6	1	2	0	5	2	2	4	3	0	26
Meteors	4	4	3	3	1	1	4	6	5	4	1	5	41
Birds/Insects	0	0	5	0	0	0	0	1	0	0	1	0	7
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoax/Unreliable/ Psychological/ Hallucination	0	0	2	1	0	0	0	0	1	0	1	1	6
Clouds/Contrails	1	1	2	2	0	0	0	0	1	0	1	0	8
Radar Malfunction/ False Targets/ Weather returns	1	0	2	0	0	0	0	1	0	1	2	0	7
Ground/Search/Ship lights	0	0	0	1	0	0	0	0	0	0	0	0	1
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	0	0	0	0	0	0	0	0	0
Photo flaw/Lens flare/Internal reflections	0	0	0	1	0	0	0	0	1	1	0	0	3
Flares/Fireworks/Pyrotechnics	1	0	0	0	0	0	0	0	0	0	0	0	1
Moon/Moon halo/Moon dog	0	0	1	0	0	0	0	0	0	0	0	0	1
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	1	1	0	0	1	1	0	2	0	0	1	7

Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	0	0	1	1
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	0	0	0	1	0	2	0	0	1	0	4
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15	13	40	17	8	9	21	21	19	17	14	15	209

1951

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	6	1	2	2	0	3	0	5	3	3	3	2	30
Unidentified	3	3	2	0	0	0	0	2	2	5	1	1	19
Venus	1	0	2	0	0	0	0	0	0	2	2	1	8
Stars/Planets/Comets	0	2	0	0	0	0	1	0	0	0	1	1	5
Aircraft	1	4	3	2	0	1	2	2	2	2	0	1	20
Balloon	5	1	1	0	2	0	1	3	3	2	0	4	22
Meteors	3	2	2	0	0	0	2	4	3	6	7	1	30
Birds/Insects	0	0	1	0	2	0	0	1	0	0	0	0	4
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoax/Unreliable/ Psychological/ Hallucination	1	1	0	0	0	1	2	1	1	0	3	1	11
Clouds/Contrails	1	0	0	1	1	1	0	0	0	0	1	1	6
Radar Malfunction/ False Targets/ Weather returns	2	0	0	0	0	0	1	1	2	2	0	0	8
Ground/Search/Ship lights	0	0	0	0	0	0	0	0	0	1	0	0	1
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	0	0	0	0	0	0	0	1	1
Photo flaw/Lens flare/Internal reflections	0	0	0	0	0	0	0	0	0	0	0	0	0
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	0	0	0	0	0	0	0	0
Moon/Moon halo/Moon dog	1	2	0	0	1	0	1	0	0	0	0	0	5
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	1	0	0	1
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	1	0	0	0	0	0	0	0	0	1
No Case file	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground /sea object	0	1	0	0	0	0	0	0	0	0	0	0	1
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0

Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	24	17	13	6	6	6	10	19	16	24	18	14	173

1952

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	0	4	4	6	5	8	36	30	10	3	12	4	122
Unidentified	1	1	2	19	9	36	42	22	23	9	7	3	174
Venus	0	0	0	0	0	0	0	3	1	5	3	5	17
Stars/Planets/Comets	2	0	0	4	3	4	37	44	14	11	5	2	126
Aircraft	0	4	5	13	5	17	61	26	16	5	11	5	168
Balloon	1	3	3	10	7	19	91	50	10	13	3	10	220
Meteors	7	6	4	17	24	26	71	45	22	13	4	12	251
Birds/Insects	0	0	1	5	4	1	16	15	3	1	2	0	48
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	1	0	0	0	0	0	1
Hoax/Unreliable/ Psychological/ Hallucination	1	0	1	2	1	0	7	5	4	1	2	1	25
Clouds/Contrails	1	0	2	2	3	1	3	1	1	2	3	1	20
Radar Malfunction/ False Targets/ Weather returns	1	1	1	1	1	1	14	1	2	1	3	7	34
Ground/Search/Ship lights	0	0	0	1	1	2	3	1	2	0	0	0	10
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	1	0	0	1	1	0	0	0	3
Photo flaw/Lens flare/Internal reflections	0	1	0	2	0	0	1	0	0	0	0	0	4
Flares/Fireworks/Pyrotechnics	0	0	0	0	4	0	1	0	0	0	0	0	5
Moon/Moon halo/Moon dog	0	0	0	1	1	0	5	0	0	0	0	0	7
Aurora	0	0	0	1	0	0	0	0	0	0	0	0	1
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	1	1	2	0	1	0	5
Wind blown/Falling objects	0	0	0	0	0	0	2	0	0	0	0	1	3
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	1	0	1	0	0	0	2
No Case file	0	0	1	1	2	12	25	14	8	0	1	1	65
Ground /sea object	0	0	0	0	1	0	0	0	0	0	0	0	1
Reflection in window	0	0	0	0	0	0	1	0	0	0	0	0	1
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	1	0	0	0	0	0	1
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	20	24	85	72	127	420	262	117	64	57	52	1314

1953

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	11	14	3	4	4	2	1	5	3	5	2	6	60
Unidentified	8	6	5	5	2	3	1	2	3	4	1	3	43
Venus	10	21	13	0	2	2	5	1	0	0	1	0	55
Stars/Planets/Comets	7	14	4	0	0	1	6	6	1	4	3	3	49

Aircraft	10	7	4	2	5	3	4	5	4	4	5	1	54
Balloon	5	10	8	5	5	5	16	4	4	8	7	5	82
Meteors	10	7	2	5	3	6	5	8	3	7	13	8	77
Birds/Insects	1	0	0	2	1	1	0	1	0	2	0	0	8
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	0	0	1	0	0	0	1
Hoax/Unreliable/ Psychological/ Hallucination	3	0	0	0	2	3	1	2	1	1	1	0	14
Clouds/Contrails	1	1	1	0	0	0	0	0	1	0	1	1	6
Radar Malfunction/ False Targets/ Weather returns	3	7	1	1	1	1	0	1	0	1	0	1	17
Ground/Search/Ship lights	0	1	1	0	0	2	1	0	1	1	0	0	7
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	1	0	0	0	1	0	0	0	0	0	2
Photo flaw/Lens flare/Internal reflections	0	0	1	0	0	0	0	0	0	0	0	0	1
Flares/Fireworks/Pyrotechnics	0	1	0	0	0	0	0	0	0	0	0	0	1
Moon/Moon halo/Moon dog	0	1	0	0	0	1	0	1	0	0	0	0	3
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	1	0	2	0	1	0	2	0	0	6
Wind blown/Falling objects	0	0	0	0	0	0	1	0	0	0	0	0	1
Mirage	0	0	1	1	0	0	0	0	0	0	0	0	2
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	3	24	0	0	0	0	0	0	0	0	0	27
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	1	1
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	69	93	69	26	25	32	42	37	22	39	34	29	517

1954

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	7	1	5	6	5	8	17	9	7	6	10	5	86
Unidentified	1	1	3	3	4	5	1	6	3	3	2	2	34
Venus	0	0	0	0	1	5	2	3	3	1	0	1	16
Stars/Planets/Comets	0	1	2	2	2	7	3	7	7	3	3	2	39
Aircraft	4	3	1	7	4	8	8	4	6	5	9	4	63
Balloon	5	9	6	3	5	8	6	4	7	3	10	5	71
Meteors	8	4	7	7	7	7	11	9	10	18	12	6	106
Birds/Insects	1	1	4	2	1	0	0	0	1	3	1	0	14
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	1	0	0	0	0	0	0	0	0	0	1
Hoax/Unreliable/ Psychological/ Hallucination	1	0	1	1	1	0	1	0	3	0	0	1	9

Clouds/Contrails	0	0	0	0	1	0	1	0	0	1	1	0	4
Radar Malfunction/ False Targets/ Weather returns	1	0	2	0	0	0	0	0	0	1	0	1	5
Ground/Search/Ship lights	2	0	0	2	0	1	2	0	1	2	0	0	10
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	1	1	1	0	1	0	1	0	0	5
Photo flaw/Lens flare/Internal reflections	0	0	0	0	0	0	0	0	0	0	0	0	0
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	0	0	0	0	0	1	0	1
Moon/Moon halo/Moon dog	2	0	0	0	0	2	0	0	1	0	0	0	5
Aurora	1	0	0	0	0	0	0	0	0	0	0	0	1
Sun/Sun reflection/Parahelia	1	0	1	0	2	0	1	0	0	2	0	0	7
Wind blown/Falling objects	0	0	0	0	0	0	2	0	0	1	0	0	3
Mirage	0	0	0	0	0	1	0	0	0	0	0	0	1
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	1	0	0	1	0	0	2
No Case file	1	1	0	0	0	1	0	0	0	0	0	0	3
Ground /sea object	0	0	0	0	1	0	2	0	0	0	0	1	4
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	1	1
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	35	21	33	34	35	54	58	43	49	51	49	29	491

1955

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	3	4	4	5	8	4	6	8	7	3	3	4	59
Unidentified	1	2	0	1	3	0	1	2	3	2	3	0	18
Venus	2	1	1	1	3	1	1	0	0	0	0	2	12
Stars/Planets/Comets	2	5	1	2	6	1	8	5	6	8	5	2	51
Aircraft	5	8	7	8	10	8	12	8	12	9	9	8	104
Balloon	4	4	7	6	7	14	16	14	12	10	2	1	97
Meteors	10	2	10	5	7	5	12	9	4	12	5	6	87
Birds/Insects	0	2	2	0	2	0	0	0	1	2	0	0	9
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoax/Unreliable/ Psychological/ Hallucination	1	0	2	2	2	4	3	8	0	2	0	0	24
Clouds/Contrails	0	1	0	0	1	0	0	0	0	0	0	1	3
Radar Malfunction/ False Targets/ Weather returns	0	0	1	0	0	0	1	1	0	1	0	0	4
Ground/Search/Ship lights	2	1	3	1	1	1	1	0	3	0	0	0	13
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	3	0	0	0	0	0	0	0	3
Photo flaw/Lens flare/Internal reflections	0	1	0	0	0	0	0	0	0	0	0	0	1
Flares/Fireworks/Pyrotechnics	0	1	1	0	3	0	0	0	1	0	0	0	6

Moon/Moon halo/Moon dog	0	1	0	0	0	0	0	0	0	0	2	1	4
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	1	0	0	0	1	0	0	0	1	0	3
Wind blown/Falling objects	0	1	0	1	0	0	1	0	0	0	0	0	3
Mirage	0	0	0	0	0	0	0	0	0	1	0	0	1
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	1	0	0	0	0	0	1	0	0	0	2
No Case file	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground /sea object	0	0	0	1	0	1	0	0	0	0	0	0	2
Reflection in window	1	0	0	0	0	0	0	0	0	0	0	0	1
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	31	34	41	33	56	39	63	55	50	50	30	25	507

1956

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	6	6	8	2	3	5	11	14	8	9	11	1	84
Unidentified	0	1	0	0	0	1	0	2	1	0	2	1	8
Venus	5	6	9	11	9	1	5	7	5	0	2	1	61
Stars/Planets/Comets	4	3	9	2	1	4	7	51	18	6	9	3	117
Aircraft	5	9	5	6	7	15	16	19	17	9	11	6	125
Balloon	5	6	2	3	11	3	14	12	10	9	6	4	85
Meteors	10	6	6	6	4	8	8	11	7	13	15	9	103
Birds/Insects	0	0	1	1	4	0	1	1	0	3	0	0	11
Satellites	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockets/missiles	0	0	0	0	0	0	0	0	0	0	0	1	1
Hoax/Unreliable/ Psychological/ Hallucination	0	1	0	3	0	2	6	2	0	2	0	2	18
Clouds/Contrails	0	0	0	0	0	0	0	0	0	0	0	0	0
Radar Malfunction/ False Targets/ Weather returns	0	1	0	0	0	1	0	2	0	1	1	1	7
Ground/Search/Ship lights	0	1	0	0	1	1	2	1	0	0	0	1	7
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	0	0	0	0	1	0	0	1	2
Photo flaw/Lens flare/Internal reflections	0	0	0	0	1	0	0	1	2	0	0	0	4
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	0	2	0	0	0	0	2	4
Moon/Moon halo/Moon dog	1	0	1	0	0	0	0	1	2	0	0	1	6
Aurora	0	0	0	0	0	0	0	0	0	0	0	1	1
Sun/Sun reflection/Parahelia	0	0	0	0	0	1	0	0	1	0	0	0	2
Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	0	0	1	1
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0	0	0	1
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0

Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	1	0	0	0	0	0	0	0	0	0	0	1
Weather	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	37	41	41	34	41	42	72	125	72	52	57	36	650

1957

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	5	2	4	2	3	4	8	9	6	11	37	17	108
Unidentified	0	0	0	1	0	1	3	0	1	1	4	1	12
Venus	0	0	0	0	0	1	4	12	6	16	83	19	141
Stars/Planets/Comets	5	4	9	5	5	1	14	16	4	5	22	7	97
Aircraft	8	8	6	10	10	11	20	20	12	18	72	19	214
Balloon	4	5	8	6	6	9	11	8	7	13	20	15	112
Meteors	5	4	5	11	9	5	8	9	8	29	69	39	201
Birds/Insects	0	0	0	2	0	0	0	0	5	1	5	0	13
Satellites	0	0	0	0	0	0	0	0	0	2	4	1	7
Rockets/missiles	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoax/Unreliable/ Psychological/ Hallucination	1	2	1	1	0	0	3	5	1	2	14	4	34
Clouds/Contrails	0	0	0	0	0	1	1	0	0	2	5	1	10
Radar Malfunction/ False Targets/ Weather returns	0	3	1	0	1	0	1	3	1	2	10	4	26
Ground/Search/Ship lights	0	1	2	0	0	0	1	0	1	2	3	0	10
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	1	0	0	1	0	0	0	1	1	4
Photo flaw/Lens flare/Internal reflec- tions	0	0	0	0	0	0	1	0	1	0	0	0	2
Flares/Fireworks/Pyrotechnics	0	0	0	1	2	0	0	0	0	0	1	1	5
Moon/Moon halo/Moon dog	0	0	0	1	1	0	1	0	1	1	3	3	11
Aurora	0	0	1	0	0	0	0	0	1	0	7	0	9
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	0	0	0	0	0	2	2
Wind blown/Falling objects	0	0	0	0	1	0	0	0	2	0	1	2	6
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	1	0	0	0	1
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	1	0	0	0	0	0	1	1	7	1	11
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28	29	38	41	38	33	77	82	59	106	368	137	1036

1958

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	5	3	11	5	5	1	6	10	3	6	2	2	59
Unidentified	0	0	1	1	0	2	0	1	2	2	1	0	10
Venus	5	0	1	2	0	1	2	3	1	0	0	0	15
Stars/Planets/Comets	2	2	2	4	4	4	4	4	15	4	4	3	52
Aircraft	15	5	4	10	7	6	10	16	11	11	7	4	106
Balloon	7	3	9	6	6	3	9	8	3	5	4	3	66
Meteors	18	19	13	19	10	13	17	24	13	17	12	13	188
Birds/Insects	2	1	0	0	0	0	1	2	0	3	0	1	10
Satellites	0	0	0	0	0	1	6	6	3	1	1	0	18
Rockets/missiles	1	0	0	0	1	0	2	1	0	0	0	1	6
Hoax/Unreliable/ Psychological/ Hallucination	3	1	1	0	0	0	1	3	3	3	1	4	20
Clouds/Contrails	2	2	1	2	0	0	1	2	0	0	1	2	13
Radar Malfunction/ False Targets/ Weather returns	0	0	1	0	0	0	0	0	1	0	0	0	2
Ground/Search/Ship lights	0	1	0	1	0	0	0	1	2	0	0	0	5
Satellite decay	0	0	0	2	0	0	0	0	0	0	0	0	2
Physical Specimen	1	1	2	3	2	1	0	2	0	1	0	1	14
Photo flaw/Lens flare/Internal reflections	0	0	0	0	1	1	1	1	1	1	0	1	7
Flares/Fireworks/Pyrotechnics	0	1	0	0	1	0	0	0	0	0	0	0	2
Moon/Moon halo/Moon dog	0	0	0	2	0	0	1	0	0	1	0	0	4
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	0	0	1	0	1	2	1	0	0	5
Wind blown/Falling objects	0	0	0	0	0	0	1	0	0	0	0	0	1
Mirage	0	0	0	0	1	0	0	0	0	0	0	0	1
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	2	0	0	0	0	0	0	1	0	0	0	3
No Case file	0	0	1	1	2	3	0	0	5	6	0	2	20
Ground /sea object	0	0	0	0	0	0	0	0	0	1	0	0	1
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	61	41	47	58	40	37	62	85	66	63	33	37	630

1959

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	2	4	5	4	6	3	2	3	2	3	3	0	37
Unidentified	0	1	2	0	0	1	2	1	1	3	1	0	12
Venus	4	2	1	1	1	2	4	0	3	7	3	0	28
Stars/Planets/Comets	3	4	4	1	0	2	1	1	9	5	0	0	30
Aircraft	8	7	5	34	4	11	13	8	5	2	1	3	101
Balloon	0	4	1	4	2	2	2	6	3	2	5	2	33
Meteors	10	9	10	9	10	12	5	11	10	11	10	3	110

Birds/Insects	0	0	1	0	0	0	0	1	2	0	2	0	6
Satellites	0	1	0	0	0	0	0	1	0	0	0	0	2
Rockets/missiles	1	0	0	0	0	0	2	2	3	4	1	1	14
Hoax/Unreliable/ Psychological/ Hallucination	1	0	0	0	1	0	2	0	3	5	0	0	12
Clouds/Contrails	0	2	0	0	0	0	2	0	0	1	0	0	5
Radar Malfunction/ False Targets/ Weather returns	0	0	1	1	1	0	0	1	2	2	0	0	8
Ground/Search/Ship lights	0	1	2	3	1	0	2	0	0	0	0	0	9
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	1	1	0	0	1	0	2	1	0	1	0	0	7
Photo flaw/Lens flare/Internal reflections	0	0	1	0	1	1	0	1	1	0	0	0	5
Flares/Fireworks/Pyrotechnics	0	1	0	0	1	1	0	0	0	0	0	0	3
Moon/Moon halo/Moon dog	1	0	0	0	1	0	0	1	0	0	0	0	3
Aurora	0	0	0	1	0	0	0	0	0	0	0	0	1
Sun/Sun reflection/Parahelia	3	0	0	0	0	0	0	0	0	0	0	1	4
Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	1	0	0	1
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	1	0	0	0	0	0	0	0	0	0	1
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	1	0	0	0	0	1	1	0	0	0	3
Ground /sea object	0	0	0	0	0	1	2	0	0	0	0	0	3
Reflection in window	0	1	0	0	0	0	1	0	0	0	0	0	2
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	1	0	0	0	0	0	0	0	0	0	1
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	34	38	36	58	30	36	42	39	45	47	26	10	441

1960

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	1	0	5	5	4	4	5	5	2	3	2	6	42
Unidentified	0	0	1	2	0	0	2	2	1	1	1	0	10
Venus	1	0	0	0	0	1	0	0	4	2	1	2	11
Stars/Planets/Comets	0	1	0	0	6	1	9	9	19	3	7	3	58
Aircraft	1	3	2	6	5	6	8	10	13	9	5	4	72
Balloon	0	1	1	1	7	3	4	1	1	5	1	0	25
Meteors	10	10	11	19	12	19	25	16	30	18	10	19	199
Birds/Insects	0	1	0	2	0	1	2	2	3	2	0	0	13
Satellites	0	0	0	0	0	1	0	10	9	2	3	9	34
Rockets/missiles	3	3	0	0	0	2	2	1	2	2	1	0	16
Hoax/Unreliable/ Psychological/ Hallucination	2	1	0	0	3	2	1	1	2	2	0	0	14
Clouds/Contrails	1	0	1	0	1	0	0	1	1	2	1	2	10
Radar Malfunction/ False Targets/ Weather returns	1	0	0	0	0	1	0	0	4	0	0	0	6
Ground/Search/Ship lights	0	0	0	1	0	0	0	0	0	1	1	3	6

Satellite decay	0	0	1	0	0	0	0	0	1	0	0	0	2
Physical Specimen	0	1	2	1	1	1	0	3	1	2	1	0	13
Photo flaw/Lens flare/Internal reflections	0	1	0	1	0	1	0	0	0	0	0	1	4
Flares/Fireworks/Pyrotechnics	2	0	0	0	0	0	0	1	1	0	0	0	4
Moon/Moon halo/Moon dog	0	0	0	0	1	0	1	1	0	0	0	0	3
Aurora	0	0	0	0	0	0	0	0	1	0	0	1	2
Sun/Sun reflection/Parahelia	0	1	1	0	0	2	1	0	0	0	0	1	6
Wind blown/Falling objects	0	0	0	0	1	0	0	0	1	0	0	0	2
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	1	0	0	0	0	0	1	0	1	0	0	0	3
Ground /sea object	0	0	0	0	0	0	0	1	0	0	0	0	1
Reflection in window	0	0	0	1	1	1	0	0	0	0	0	0	3
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	23	25	39	42	46	61	64	97	54	34	51	559

1961

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	6	8	3	5	3	5	7	2	6	10	5	1	61
Unidentified	1	0	0	0	0	0	3	1	0	0	0	1	6
Venus	5	14	7	0	5	6	3	1	2	0	1	0	44
Stars/Planets/Comets	4	4	1	0	8	6	5	5	16	2	1	2	54
Aircraft	9	4	5	5	10	10	8	13	6	8	6	2	86
Balloon	0	1	2	3	4	0	7	10	6	2	2	0	37
Meteors	16	14	19	9	6	7	12	7	12	11	13	5	131
Birds/Insects	0	0	1	0	1	1	0	2	1	2	0	0	8
Satellites	3	8	5	5	19	4	16	12	1	1	8	6	88
Rockets/missiles	2	1	0	0	0	0	0	1	2	0	2	1	9
Hoax/Unreliable/ Psychological/ Hallucination	0	0	2	2	1	0	0	3	1	0	1	0	10
Clouds/Contrails	2	1	0	0	0	1	2	1	4	2	0	1	14
Radar Malfunction/ False Targets/ Weather returns	0	1	1	0	2	1	0	0	0	0	0	0	5
Ground/Search/Ship lights	0	0	0	0	0	1	1	0	0	0	0	0	2
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	1	1	0	0	1	0	1	0	0	1	0	5
Photo flaw/Lens flare/Internal reflections	0	0	0	0	0	0	0	1	0	0	0	0	1
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	1	3	0	1	0	0	0	5
Moon/Moon halo/Moon dog	1	0	0	0	1	1	0	0	0	0	0	1	4
Aurora	0	0	0	0	0	0	0	0	1	0	0	0	1
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	1	0	2	1	0	0	4
Wind blown/Falling objects	0	1	0	0	0	0	0	0	0	0	0	0	1

Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	1	0	0	0	0	0	0	0	0	0	0	1
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	1	1	2	0	2	2	4	3	0	0	0	15
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	1	0	0	1
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	49	60	48	31	60	47	70	64	64	40	40	20	593

1962

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	2	1	1	4	4	3	7	4	8	5	4	1	44
Unidentified	0	1	3	0	2	1	1	1	2	1	1	0	13
Venus	0	1	0	5	4	3	1	3	1	2	1	2	23
Stars/Planets/Comets	2	0	2	2	2	4	3	8	1	1	1	1	27
Aircraft	3	1	8	2	8	4	16	9	14	8	6	4	83
Balloon	2	0	0	4	2	2	2	0	1	2	1	1	17
Meteors	8	11	2	10	14	8	10	10	12	8	10	6	109
Birds/Insects	1	0	2	0	0	0	1	1	0	0	0	0	5
Satellites	5	7	2	16	5	4	20	8	3	8	3	4	85
Rockets/missiles	1	0	0	0	0	0	0	0	2	2	2	1	8
Hoax/Unreliable/ Psychological/ Hallucination	0	0	1	1	1	2	3	1	5	0	1	1	16
Clouds/Contrails	0	0	1	2	0	0	0	3	0	0	3	0	9
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground/Search/Ship lights	0	0	0	0	1	1	0	0	0	0	0	1	3
Satellite decay	0	0	0	0	0	0	1	1	2	0	0	0	4
Physical Specimen	0	2	0	3	1	0	0	4	8	4	1	0	23
Photo flaw/Lens flare/Internal reflec- tions	0	0	0	0	0	0	0	0	0	1	0	0	1
Flares/Fireworks/Pyrotechnics	0	0	0	0	1	0	0	0	0	0	0	0	1
Moon/Moon halo/Moon dog	0	0	1	0	1	1	0	0	0	2	0	0	5
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	0	0	1	0	0	0	1
Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	0	0	0	0
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	1	0	0	1
No Case file	0	0	1	0	1	0	0	0	0	0	0	1	3
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	1	0	0	0	0	0	0	0	1
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0

Total	24	24	24	49	48	33	65	53	60	45	34	23	482
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1963

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	1	1	2	5	3	8	2	7	4	5	0	3	41
Unidentified	0	0	0	0	2	0	1	2	1	3	0	1	10
Venus	0	1	0	0	0	0	0	0	0	0	0	0	1
Stars/Planets/Comets	3	1	0	0	0	3	4	8	6	3	1	0	29
Aircraft	5	3	2	6	6	13	9	17	9	10	5	2	87
Balloon	0	0	1	1	2	5	6	4	1	1	0	1	22
Meteors	4	4	10	3	5	3	8	6	9	8	8	8	76
Birds/Insects	0	0	1	0	0	0	0	0	0	0	0	1	2
Satellites	4	4	7	9	1	32	11	3	12	5	2	3	93
Rockets/missiles	0	0	3	0	1	0	1	0	2	0	0	3	10
Hoax/Unreliable/ Psychological/ Hallucination	0	0	3	1	1	3	2	1	0	1	2	1	15
Clouds/Contrails	0	2	0	0	1	0	0	0	1	1	0	1	6
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground/Search/Ship lights	0	1	0	0	0	2	0	0	0	0	0	0	3
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	1	1
Physical Specimen	1	0	0	0	0	0	0	3	0	1	0	1	6
Photo flaw/Lens flare/Internal reflec- tions	0	0	0	0	0	1	1	0	0	1	0	0	3
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	0	0	0	0	0	0	0	0
Moon/Moon halo/Moon dog	0	0	0	0	0	1	1	1	0	1	0	1	5
Aurora	0	0	0	0	0	0	0	0	1	0	0	0	1
Sun/Sun reflection/Parahelia	0	0	0	1	0	0	0	1	0	0	1	0	3
Wind blown/Falling objects	0	0	1	0	1	0	0	0	0	1	0	0	3
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	1	0	0	0	0	0	0	0	1
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground /sea object	0	0	0	0	0	0	0	0	1	0	0	0	1
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18	17	30	26	24	71	46	53	47	41	19	27	419

1964

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	2	1	3	5	9	5	7	8	5	2	5	1	53
Unidentified	0	0	0	3	3	1	4	3	1	0	2	0	17
Venus	1	3	4	2	10	0	1	2	2	1	0	0	26
Stars/Planets/Comets	1	7	0	1	4	2	8	8	6	4	1	3	45
Aircraft	1	5	3	6	15	9	19	11	5	2	11	0	87

Balloon	0	1	0	4	4	2	5	3	1	1	1	0	22
Meteors	8	7	1	6	6	8	14	13	9	4	13	4	93
Birds/Insects	0	0	0	1	1	0	2	1	1	0	1	0	7
Satellites	4	6	4	8	27	5	51	23	3	6	27	3	167
Rockets/missiles	1	1	1	2	0	0	0	0	1	0	0	0	6
Hoax/Unreliable/ Psychological/ Hallucination	1	0	1	5	3	5	1	2	4	3	0	1	26
Clouds/Contrails	0	1	0	0	0	1	0	0	0	0	1	1	4
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	1	0	0	0	0	2	3
Ground/Search/Ship lights	0	0	0	0	2	1	0	0	1	1	0	0	5
Satellite decay	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Specimen	0	0	0	0	1	2	1	0	0	1	2	0	7
Photo flaw/Lens flare/Internal reflec- tions	0	0	1	0	1	1	0	0	0	2	1	0	6
Flares/Fireworks/Pyrotechnics	0	1	1	0	2	0	1	0	0	0	0	0	5
Moon/Moon halo/Moon dog	0	0	0	0	0	1	1	1	0	0	0	1	4
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	0	0	1	0	0	0	1
Wind blown/Falling objects	0	0	0	0	0	0	0	1	1	0	0	0	2
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	1	0	0	0	2	16	0	0	1	0	20
Ground /sea object	0	0	0	0	0	0	1	0	0	0	0	0	1
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	1	0	0	0	0	0	0	0	0	1
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	19	33	20	44	88	43	119	92	41	27	66	16	608

1965

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	7	6	2	3	3	5	17	37	19	7	4	5	115
Unidentified	1	0	2	0	1	0	2	4	4	0	0	0	14
Venus	0	0	0	0	0	2	3	16	12	15	13	8	69
Stars/Planets/Comets	4	1	5	3	0	6	14	152	30	13	7	6	241
Aircraft	11	9	11	9	13	7	28	83	35	17	17	5	245
Balloon	4	2	1	2	0	3	6	12	4	8	1	2	45
Meteors	8	7	10	5	2	4	14	57	20	13	15	8	163
Birds/Insects	1	2	0	3	0	0	0	9	1	2	2	1	21
Satellites	6	5	7	7	16	5	52	81	64	10	1	5	259
Rockets/missiles	1	0	0	0	0	0	0	2	1	1	1	1	7
Hoax/Unreliable/ Psychological/ Hallucination	4	0	4	1	2	1	1	11	0	3	2	0	29
Clouds/Contrails	1	0	0	0	0	0	0	3	1	0	0	0	5

Radar Malfunction/ False Targets/ Weather returns	0	0	0	1	0	1	0	3	0	2	0	0	7
Ground/Search/Ship lights	1	1	0	0	0	0	1	1	2	0	1	0	7
Satellite decay	0	0	1	0	1	0	0	0	0	0	0	0	2
Physical Specimen	0	1	0	1	1	0	0	0	1	0	1	0	5
Photo flaw/Lens flare/Internal reflec- tions	0	0	1	1	1	0	1	1	0	0	1	0	6
Flares/Fireworks/Pyrotechnics	0	0	0	0	1	0	1	0	0	0	0	0	2
Moon/Moon halo/Moon dog	0	1	0	0	0	0	3	3	0	0	0	2	9
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	1	0	0	1	0	1	4	1	1	0	0	0	9
Wind blown/Falling objects	0	0	0	1	0	1	0	0	0	0	0	0	2
Mirage	0	0	0	0	0	0	0	1	0	0	0	0	1
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0	0	0	1
Anti-Aircraft/Gun fire/explosions	1	0	0	0	0	0	0	0	0	0	0	0	1
No Case file	0	0	0	0	0	0	2	37	1	0	0	0	40
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	2	0	1	0	0	3
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	51	35	44	38	41	36	149	517	196	92	67	43	1309

1966

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	5	4	20	13	9	14	7	14	8	22	19	11	146
Unidentified	0	1	4	2	1	2	1	3	5	2	1	1	23
Venus	2	3	14	9	4	2	5	3	0	0	0	0	42
Stars/Planets/Comets	5	3	36	25	16	6	10	15	20	56	26	3	221
Aircraft	9	3	32	30	23	28	30	28	17	32	23	15	270
Balloon	0	0	4	7	4	2	9	6	3	6	3	2	46
Meteors	9	2	10	25	9	3	21	12	10	10	10	4	125
Birds/Insects	0	1	2	4	1	1	1	1	1	3	1	1	17
Satellites	5	0	31	8	23	40	15	26	6	17	8	3	182
Rockets/missiles	1	0	0	1	0	1	1	2	2	0	0	1	9
Hoax/Unreliable/ Psychological/ Hallucination	2	2	3	4	1	1	5	0	1	5	1	1	26
Clouds/Contrails	1	0	3	2	1	1	0	2	0	1	0	0	11
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	1	0	1	1	0	0	0	3
Ground/Search/Ship lights	0	0	1	3	2	1	2	1	0	3	0	1	14
Satellite decay	2	0	0	0	0	2	0	0	0	0	0	0	4
Physical Specimen	0	0	0	1	0	0	0	1	0	0	0	0	2
Photo flaw/Lens flare/Internal reflec- tions	0	0	1	1	1	1	0	1	1	0	0	0	6
Flares/Fireworks/Pyrotechnics	0	0	0	1	0	0	0	1	0	0	1	1	4
Moon/Moon halo/Moon dog	2	0	4	6	4	2	1	3	2	2	0	0	26

Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	1	0	1	0	1	0	0	0	0	3
Wind blown/Falling objects	0	0	0	0	0	0	0	0	0	0	0	0	0
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	1	1	9	1	2	1	1	0	1	0	17
Ground /sea object	0	0	0	1	0	0	0	0	0	0	0	0	1
Reflection in window	0	0	0	0	0	0	0	0	0	1	1	0	2
Swamp gas/Ground fires	0	0	2	0	0	0	0	0	0	1	0	0	3
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	1	0	0	0	1	0	2
Total	43	19	168	145	108	110	111	122	78	161	96	44	1205

1967

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	14	19	23	20	12	10	17	10	12	4	8	9	158
Unidentified	0	4	7	1	1	2	1	0	0	1	0	0	17
Venus	0	15	27	9	7	5	6	0	1	2	3	1	76
Stars/Planets/Comets	13	19	20	8	7	9	4	4	10	2	12	4	112
Aircraft	21	28	41	20	23	16	12	6	6	18	13	5	209
Balloon	4	10	19	10	3	3	5	4	5	6	4	5	78
Meteors	5	4	8	8	3	5	5	3	6	2	2	2	53
Birds/Insects	1	0	0	2	0	1	0	0	1	4	2	0	11
Satellites	18	8	3	24	1	27	15	2	14	8	6	3	129
Rockets/missiles	2	0	1	1	0	0	0	3	1	1	0	0	9
Hoax/Unreliable/ Psychological/ Hallucination	4	3	4	8	5	3	9	4	6	7	3	2	58
Clouds/Contrails	1	1	4	0	0	0	1	0	0	0	1	1	9
Radar Malfunction/ False Targets/ Weather returns	0	0	1	0	0	0	0	0	1	1	0	0	3
Ground/Search/Ship lights	1	0	3	1	0	0	0	1	0	0	0	1	7
Satellite decay	1	1	0	0	0	0	0	0	0	0	0	0	2
Physical Specimen	0	0	1	0	1	0	0	1	2	0	0	0	5
Photo flaw/Lens flare/Internal reflections	1	0	0	1	1	1	0	2	0	1	0	0	7
Flares/Fireworks/Pyrotechnics	0	0	1	1	0	0	0	0	0	0	1	0	3
Moon/Moon halo/Moon dog	1	3	1	2	2	0	1	0	0	0	1	0	11
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind blown/Falling objects	1	0	2	0	0	0	0	0	1	0	0	0	4
Mirage	0	0	0	0	0	0	0	0	0	0	1	0	1
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	2	4	7	9	1	1	4	4	11	11	3	1	58
Ground /sea object	0	0	0	0	0	0	0	0	0	0	1	0	1
Reflection in window	0	0	1	0	0	1	0	0	0	0	0	0	2

Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	90	119	174	125	67	84	80	44	77	68	61	34	1023

1968

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	2	2	16	2	4	2	9	7	10	8	1	1	64
Unidentified	0	1	0	0	0	1	0	0	1	1	1	0	5
Venus	0	2	1	0	0	0	0	0	0	3	2	5	13
Stars/Planets/Comets	6	5	6	7	2	1	0	6	6	5	1	0	45
Aircraft	5	5	14	8	2	10	6	6	4	7	3	4	74
Balloon	4	4	2	2	2	3	4	5	6	3	4	4	43
Meteors	2	1	0	6	1	1	3	1	0	1	2	0	18
Birds/Insects	0	0	0	0	0	0	1	0	0	0	0	0	1
Satellites	0	6	3	7	0	4	16	8	1	0	5	2	52
Rockets/missiles	0	0	1	0	0	0	0	1	1	0	0	0	3
Hoax/Unreliable/ Psychological/ Hallucination	3	1	3	0	1	2	3	4	2	3	2	0	24
Clouds/Contrails	0	0	0	0	0	0	0	1	0	0	0	0	1
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	1	0	0	0	0	0	1
Ground/Search/Ship lights	1	0	0	0	0	0	0	0	0	0	2	0	3
Satellite decay	0	0	2	0	0	0	0	0	0	0	0	0	2
Physical Specimen	0	0	0	1	0	0	1	0	0	0	0	0	2
Photo flaw/Lens flare/Internal reflec- tions	0	0	0	0	1	0	0	0	1	0	1	0	3
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	1	0	0	0	0	0	0	1
Moon/Moon halo/Moon dog	0	0	0	1	0	0	2	2	0	0	0	1	6
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	1	0	0	0	0	1	1	0	0	0	0	0	3
Wind blown/Falling objects	0	0	0	0	0	0	1	0	0	0	0	0	1
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	2	1	6	4	2	3	4	6	3	0	1	0	32
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26	28	54	38	15	29	52	47	35	31	25	17	397

1969

Classification	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Insufficient/Conflicting information	3	7	0	3	1	3	0	3	2	2	0	1	25
Unidentified	1	0	0	0	0	0	0	0	0	0	0	0	1

Venus	3	1	3	0	0	0	0	0	1	1	0	0	9
Stars/Planets/Comets	4	1	3	1	4	1	2	6	1	3	0	0	26
Aircraft	3	6	4	1	1	1	1	1	2	4	2	1	27
Balloon	2	1	0	4	0	0	2	2	0	2	1	0	14
Meteors	1	3	2	0	2	2	0	4	0	1	0	0	15
Birds/Insects	0	0	0	0	0	0	0	0	0	0	0	0	0
Satellites	0	3	0	0	0	1	1	1	0	0	0	0	6
Rockets/missiles	0	0	0	0	0	0	0	0	1	1	0	0	2
Hoax/Unreliable/ Psychological/ Hallucination	2	0	1	0	1	0	1	0	0	0	0	0	5
Clouds/Contrails	0	0	0	0	0	0	0	0	0	0	0	0	0
Radar Malfunction/ False Targets/ Weather returns	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground/Search/Ship lights	0	0	1	0	0	0	0	0	0	0	0	0	1
Satellite decay	0	0	0	0	0	0	0	1	0	0	0	0	1
Physical Specimen	0	0	0	0	0	0	0	0	0	0	0	0	0
Photo flaw/Lens flare/Internal reflec- tions	0	0	0	0	0	0	0	0	0	0	1	0	1
Flares/Fireworks/Pyrotechnics	0	0	0	0	0	0	0	0	0	0	0	0	0
Moon/Moon halo/Moon dog	0	0	0	0	0	0	0	1	0	0	0	0	1
Aurora	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun/Sun reflection/Parahelia	1	0	0	0	0	0	0	0	0	0	0	0	1
Wind blown/Falling objects	0	1	0	0	0	0	0	0	0	0	0	0	1
Mirage	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Aircraft/Gun fire/explosions	0	0	0	0	0	0	0	0	0	0	0	0	0
No Case file	0	0	0	1	1	2	4	4	1	0	0	0	13
Ground /sea object	0	0	0	0	0	0	0	0	0	0	0	0	0
Reflection in window	0	0	0	0	0	0	0	0	0	0	0	0	0
Swamp gas/Ground fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Strobe/flash	0	0	0	0	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	20	23	14	10	10	10	11	23	8	14	4	2	149



THE MOON IFOs

There seems to be an interest among some of my readers on this particular IFO. One would think that most people could identify the moon but that does not seem to be the case. In his UFO Handbook, Alan Hendry noted that roughly 2% of his Nocturnal light UFOs were of the moon. This value was 1.7% of the total cases he investigated. I got a value of almost 1% of my total (127 total moon/possible moons with one considered unreliable). With such a low number, I felt it might serve as a reference for those wanting to collect these kinds of reports. Some might argue with some of these explanations because the explanation may not be convincing. One must remember, that I consider a "possible moon" as an explanation. Usually, I list a case as "possible" because the explanation does not quite fit for various reason. There may be missing data or specific parts of the information is not a perfect match. For instance, the moon may have set 10-15 minutes before the time of the sighting. Considering the problems with obtaining accurate information from these witness reports, I still consider the explanation as possible with an error in recording the data (azimuth/elevation, time, etc) if the rest of the sighting suggests the moon is possible.

This is a complete listing of all the possible moon sightings I found in the Blue Book files.

Date	Location	Time (Z)	Witness description	Moon location/phase
7/9/48	Osborn, OH	0247Z 7/10/48	Seen for 1-2 seconds. 3 times. Direction seen to the west. 2147 local time. Pale yellowish-white.	280 degrees azimuth 9 degrees elevation. Crescent possibly seen intermittently through clouds.
5/4/49	Limona, FL	0500Z 5/5/49	Object size of dinner plate/tea saucer as time progressed. Color like the moon. Round with flaming ragged border with bottom drooping. 20 degrees elevation in west. 15 minute duration.	290 degrees azimuth 13.5 degrees elevation. First Quarter.
8/20/49	Liano, TX	0900Z 8/20/49	First seen NNE of witness. Copper color. Bright enough to cast shadows. Moved south over two hours. Wife of witness felt it was the moon. Object contained "eleven quarter moons". Object still present when witness went inside.	64 degrees azimuth 11 degrees elevation. Crescent.
3/20/50	New York, NY	2300Z 3/20/50	Photograph that appears to be time exposure showing crescent moon over a time period of 30 minutes or multiple exposures on same frame (see image above). Witness submitted photograph in December 1950.	263 degrees azimuth 23 degrees elevation. Crescent.

1/16/51	Oak Ridge, TN	2145Z 1/16/51	Observers in car moving NE. Object viewed through right rear window. Unusually bright stationary object. Visible 5 minutes.	98 degrees azimuth. 47 degrees elevation. First Quarter Moon.
2/10/51	Atlantic	0055Z 2/10/51	Aircraft flying at true heading of 230 degrees. Turned to true heading of 290 degrees to pursue object. Object disappeared over horizon. Huge fiery orange disk on its edge. One crewmen thought it looked like a solar eclipse where 3/4 of the sun was covered.	Moon set at 0046Z azimuth 276 degrees for altitude given. Crescent moon. See Klass: UFOs explained.
2/18/51	Holloman AFB, NM	1210Z 2/18/51	Car going towards Oscura, NM in northerly direction. Color white and orange. In continuous view during trip from Holloman AFB. Shape round and then conical. No direction given.	Moon set at 1154Z azimuth 301 degrees. Gibbous.
5/31/51	Niagara Falls, NY	0920Z 6/1/51	80 degrees azimuth. 20 degrees elevation. Saucer shaped object with the center brighter than the arc shaped wings. It was a glowing orange-yellow color. After 30-40 seconds, it disappeared into clouds.	84 degrees azimuth. 17 degrees elevation. Crescent. See SUNlite 16-3.
7/9/51	Corona, NM	0530Z 7/10/51	Red glowing ball, the size of the full moon to the W or WSW descended below trees in 30 seconds.	Moon set at 0530Z Azimuth 272 degrees. Crescent moon.
4/27/52	Pontiac, MI	0406 - 0436Z 4/28/52	Huge circular object very close to ground. Round and flat. Went from brilliant white to nothing. Object disappeared in west. Driving in car. Initially drove N, then NW, then W. Witness stated southern sky cloudy covering moon.	Azimuth 304 degrees. Elevation 4 degrees. Crescent. Moon set around 0436Z. See SUNlite 7-2
5/25/52	Walnut Lake, MI	0215 - 0245Z 5/26/52	Moon shaped. Larger than moon. White to orange color. Drifting slowly west and northward.	299 degrees azimuth. 9 degrees elevation. - 303 degrees azimuth. 4 degrees elevation. Crescent. See SUNlite 7-2
7/25/52	San Bernardo, Chile	2315Z 7/24/52	Actual date is 24 July. Observed in the west as an opaque yellowish light that moved westward over a period of 15 minutes.	292 degrees azimuth. 4 degrees elevation. Crescent. Moon set around 0034Z.
7/26/52	Dania, FL	0300Z 07/27/52	Described as a football shaped object but more flat. It disappeared after 10 minutes by moving south and up while changing colors to orange and then dim blue.	Moon set at 0248Z. Azimuth 266 degrees. Crescent.
7/29/52	Napa, CA	0615- 0630Z 7/29/52	Object disappeared in SW. Salmon colored. Elliptical shape.	Moon set at 0623Z. Azimuth 251 degrees. First quarter.
7/30/52	Kirtland AFB, NM (Confusion with Albuquerque case)	0530Z 7/30/52	Yellow. Flattened ellipse. 3 minutes duration. Diminished in size. Changed color from yellow to white and then disappeared. 225 degrees azimuth. 20-25 degrees above horizon.	Azimuth 242 degrees. 4 degrees elevation. First quarter. Moon set at 0654Z. Azimuth 245 degrees.

7/30/52	Albuquerque, NM	0602Z 7/30/52	240 degrees azimuth. Visible for 10 minutes. Yellowish-orange. Circular shape. Faded away.	Moon set at 0654Z. Azimuth 245 degrees. First quarter. See SUNlite 16-6.
2/24/53	Dayton, OH	0930Z 2/24/53	Oblong orangish object low altitude. 3 minutes duration. Quickly grew to a full circle. Disappeared in NW (Azimuth 330 degrees)	Azimuth 297 degrees. Elevation 6 degrees. Moon set 1006Z. Gibbous.
6/30/53	Ramore, Ontario	0345Z- 0405Z 7/1/53	Elliptical shaped orange object visible low in East. Disappeared in clouds.	Azimuth 103 degrees. Elevation 1 degrees. Gibbous.
8/16/53	Ramore, Ontario	0235Z 8/17/53	Orange object on WSW horizon. 260 degrees azimuth.	Azimuth 235 degrees. Elevation 2 degrees. Moon set 0250Z. First quarter.
1/8/54	Millbook, AL	0145Z 1/9/54	Half-moon shaped. Direction of observation was Prattville (Azimuth 256 degrees).	Azimuth 254 degrees. Elevation 15 degrees. Crescent.
1/28/54	Seneca Lake, NY	1014Z 1/28/54	Half-moon shaped. Soft yellow with swirling bluish-red exhaust. Observations to south and southeast. No specific direction given. Duration of visibility 9 minutes. Motion described as jerky. Weather was described as light snow. Object disappeared and reappeared 14 minutes later.	Azimuth 154 degrees. Elevation 19 degrees. Crescent.
6/2/54	San Juan, PR	0012Z 6/3/54	Red-orange in color. Seen from car driving west. Stopped car and thought it was moon. 5-7 minutes. Took direct course towards horizon. Illuminated in the front and the half-front sides of the arch. Dark in the center and slightly illuminated.	Azimuth 292 degrees. Elevation 11 degrees. Moon set at 0105Z. Crescent.
6/5/54	Pasco, WA	0735Z 6/6/54	Shaped like a half-moon. Two objects forming one object. Disappeared slowly into horizon.	Moon set 0715Z. Azimuth 286 degrees. Crescent.
9/7/54	France	2330Z 9/6/54	Red-orange disc. Small luminous tail as part of object. Additional information from (https://ufologie.patrick-gross.org/1954/6sep1954orignyenthierachef.htm). Disappeared in SW.	Azimuth 233 degrees. Elevation 1 degrees. Moon set 2338Z. First quarter.
2/10/55	Bethesda, MD	0303Z 2/11/55	Witness driving in easterly direction. Conditions were cloudy. Described as an luminous object shaped like a very small portion of the moon. Yellowish radiant color.	Azimuth 108 degrees. Elevation 7 degrees. Gibbous. See SUNlite 5-4
11/7/55	Atlantic Ocean	0249Z 11/8/55	Reddish-yellow. 1/3rd of an orange inverted. Diminished slowly in size and disappeared after 2 minutes. Elevation 5 degrees. Azimuth 72 degrees. Moon seen to rise 1.5 hours later. Clouds present.	Azimuth 84 degrees. Elevation 9 degrees. Last quarter disappearing behind clouds to east.
11/24/55	Hokkaido, Japan	1613Z 11/24/55	Red glow on horizon at azimuth 312. Looked like airplane on fire. Spherical changing to oblong. Visible 5 minutes.	Moon set 1610Z. Azimuth 274 degrees. Gibbous.

12/21/55	Caribou, ME	0400Z 12/22/55	Round object. Color as gold. Bright as sun but not hard on the eye. Visible in southwest (witness states on form it disappeared in SE but direction given indicates motion towards SW or W).	Azimuth 270 degrees. Elevation 4 degrees. Moon set 0424Z. First Quarter. See SUNlite 8-6
1/24/56	Beltsville, MD	0207Z 1/25/56	33 minute time exposure of moon.	Azimuth 150 degrees. Elevation 71 degrees. Gibbous.
3/27/56	Saginaw, MI	1105Z 3/27/56	Spherical orange object. Band of irregular gray at bottom and top. Object seemed to disintegrate from bottom up. 25 degrees elevation in WSW. Duration 10 minutes.	Azimuth 250 degrees. 5 degrees elevation. Full.
8/11/56	Meredith, NH	0230Z 8/12/56	Bright yellow color. Low in SW. 240 degrees azimuth. Disappeared behind cloud.	Moon set at 0226Z. Azimuth 248 degrees. First quarter.
9/1/56	Creston, IA	1716Z 9/1/56	Silver cigar or balloon shaped object. Directly overhead and not moving. Seen through binoculars.	Azimuth 234 degrees. 55 degrees elevation. Crescent.
9/9/56	Big Bethel, VA	0135Z- 0155Z 9/10/56	Crescent shaped. Bright red and gold. Gradual descent towards horizon. Southerly direction.	Azimuth 238 degrees. 7 degrees elevation. Moon set 0216Z Azimuth 244 degrees. Crescent.
12/9/56	Woodstock, MN	0550Z- 0600Z 12/10/56	Half sphere with flat side on top. Fire red and orange. Moved NW.	Azimuth 266 degrees. 2 degrees elevation. Moon set 0603Z Azimuth 268 degrees. First Quarter.
4/25/57	Ringgold, LA	0830Z- 0855Z 4/25/57	Crescent shaped object. Bright red. Driving in car eastward. Elevation 45 degrees and descending.	Moon rise 0855Z. Azimuth 93 degrees. Crescent. See SUNlite 11-3
5/31/57	Terre Haute, IN	0240Z- 0245Z 6/1/57	Shape of quarter moon. Light orange. Visible in NW. Very high elevation. Disappeared.	Azimuth 289 degrees. 5 degrees elevation. Moon set 0311Z Azimuth 294 degrees. Crescent.
9/15/57	Lincoln County, NV (5 miles south of Lincoln country line)	0700Z 9/16/67	Traveling north in car on HWY 93. Visible in NNE. Visible 1-2 minutes on two occasions. Three minutes between observations. Round. Deep orange and red. Orange jet flame along top rim. Stationary. Diminished and disappeared.	Azimuth 76 degrees. 13 degrees elevation. Moon rise 0544Z azimuth 65 degrees. Last Quarter. (Possible moon if time was incorrectly by an hour)
7/30/57	Santa Maria, CA	0300Z- 0320Z 7/31/57	Six balls of fire. 45 degree elevation. 270 degrees azimuth. Moved north and then south. Faded into fog.	Azimuth 246 degrees. 23 degrees elevation. Crescent. Jupiter, Venus, Mercury, Mars, Spica all in the vicinity.
10/14/57	San Bernardino, CA	0710Z 10/15/57	Shape of cup upside down. Moved east and out of sight in clouds. Visible 2-3 minutes. ESE. 10 degrees elevation.	Azimuth 78 degrees. 16 degrees elevation. Last Quarter.
11/3/57	White Sands, NM	0930Z- 0940Z 11/3/57	Egg-shaped. Landed by bunker area west of road. Patrol was driving northward.	Azimuth 269 degrees. 3 degrees elevation. Moon set 0947Z Azimuth 271 degrees. Gibbous.
11/3/57	Asbury Park, NJ	2300Z- 2330Z 11/3/57	Blue-white-pink object. Slight halo. SE direction. 75 degrees above horizon. Appeared and reappeared.	Azimuth 120 degrees. 15 degrees elevation. Gibbous. Weather conditions cloudy to mostly cloudy.
11/8/57	Waverly, IL	0015Z- 0035Z 11/9/57	White and green. Fuzzy object in sky. 90 degrees azimuth.	Azimuth 73 degrees. 9 degrees elevation. Full.

12/1/57	Rector, AR	0545Z-0605Z 12/2/57	Changed color from white to red. Described as round and bigger than the stars. Object stated to be W by SW. As it descended its brightness faded to reddish glow.	Azimuth 250 degrees. 41 degrees elevation. Moon set 0919Z Azimuth 284 degrees. Gibbous.
12/5-10/57	Cincinnati, OH	0000Z-0100Z 12/6-11/57	One object hovered. No directions given. Film recorded object. ATIC evaluated as moon. No specific date given.	Azimuth 99-68 degrees. Full
12/11/57	Parkersburg, WV	0300Z-0340Z 12/12/57	Circular orange object. Looked like red moon. Azimuth 70-80 degrees. Pilots confused at first but stated that at later part of sighting they thought it was the moon.	Moon rise 0307Z. Azimuth 78 degrees. Last Quarter.
4/25/58	Ottawa, OH	0328Z-0348Z 4/26/58	Round. Size of big cigar. 280-290 degrees azimuth.	Azimuth 266 degrees. 28 degrees elevation. Moon set 0605Z Azimuth 290 degrees. First Quarter.
4/27/58	Pacific	0953Z 4/27/58	Bright orange red ball, which fanned out similar to afterburner. Became smaller and disappeared. 1.5 minutes. 7-10 degrees below aircraft. In front of aircraft. Course of a/c - 320 degrees.	Moon set 0950Z Azimuth 284 degrees. First Quarter.
7/19/58	Dayton, OH	0130Z-0150Z 7/20/58	White object like a neon light. Circled in and out of clouds. Visible in NW.	Azimuth 264 degrees. 13 degrees elevation. Moon set 0242Z Azimuth 275 degrees. Crescent.
10/16/58	Resolution Island, Canada	0015Z 10/17/58	Yellow-orange half-moon. Object falling. 3 minutes duration. Disappeared in SW.	Moon set 0019Z Azimuth 228 degrees. Crescent.
1/23/59	Herschel Island, Canada	1800Z-1820Z 1/23/59	Round object with flat bottom. 310 degrees azimuth. 3-4 degrees elevation. Disappeared suddenly.	Moon set 1805Z Azimuth 325 degrees. Full.
5/18/59	4 Mi. W of Greenbush, KS	0830Z 5/18/59	Traveling in car due west. Visible 3-4 minutes. Changed from orange to red. Disappeared to SW.	Moon set 0826Z Azimuth 269 degrees. Gibbous.
8/9/59	Columbus, OH	0255Z 8/10/59	Red object moving west. 45 degrees elevation. "V" shaped. Visible for one minute.	Azimuth 253 degrees. 6 degrees elevation. Moon set 0330Z Azimuth 259 degrees. Crescent.
5/28/60	Penns park, PA	0200Z 5/29/60	Traveling in car. Oval orange light moving west. Broken clouds.	Azimuth 286 degrees. 8 degrees elevation. Moon set 0246Z Azimuth 293 degrees. Crescent.
7/26/60	Monticello, IL	0130Z-0145Z 7/27/60	Traveling in car towards SW. Crescent shaped object. Reddish-orange with brilliant glow. 270 degrees azimuth. 10 degrees elevation.	Azimuth 267 degrees. 14 degrees elevation. Moon set 0245Z Azimuth 279 degrees. Crescent.
8/12-20/60	Red Bluff area, CA	0645Z-0900Z 8/14/60	Silver oblong with red lights on ends. Pursued towards east. Object approached and receded several times.	Moon rise 0715Z Azimuth 72 degrees. Last Quarter. See SUNlite 9-4. Moon partially involved.
1/21/61	Akron, OH	0405Z-0425Z 1/22/61	A circle or plate with the top cut off. Reddish-Orange. 12 degrees north of due west. Disappeared in NW.	Azimuth 270 degrees. 3 degrees elevation. Moon set 0423Z Azimuth 273 degrees. First Quarter.
5/22/61	Tyndall AFB, FL	2230Z-2245Z 5/22/61	Disc shaped. Silver colored. Stationary. Revolving in place. SE with elevation angle of 35 degrees.	Azimuth 127 degrees. 60 degrees elevation. First Quarter. See SUNlite 13-3

6/16/61	Dayton, OH	0300Z-0315Z 6/17/61	White glowing light. Half-moon shaped. Changed shape to oblong and got dimmer. Faded away. Moving from W to NW.	Azimuth 285 degrees. 6 degrees elevation. Moon set 0337Z Azimuth 291 degrees. Crescent.
12/26/61	Chicago, IL	0310Z-0345Z 12/27/61	Orange and yellow large object to ESE. Faded in and out. Grew brighter.	Moon rise 0307Z Azimuth 308 degrees. Last Quarter.
3/12/62	Bethel, AK	1247Z 3/12/62	Visible 3 minutes. Semi-circular laying flat on its side. 320 degree azimuth. 3 degree elevation.	Moon set 1235Z Azimuth 269 degrees. First Quarter.
5/19/62	Colfax, Louisiana	0215Z 5/20/62	Ball of fire. Driving south. Southerly direction. Admitted it was probably the moon.	Azimuth 118 degrees. 11 degrees elevation. Full.
6/7/62	Rantoul, IL	0510Z 6/8/62	3-4 minutes. Pear shaped. Pinkish-orange. Radiations from bottom. In the west 20 degrees elevation.	Azimuth 286 degrees. 3 degrees elevation. Moon set 0526Z Azimuth 289 degrees. Crescent
10/2/62	Moses Lake, WA	0300Z 10/3/62	Reddish-orange. 250 degrees azimuth 20 degrees elevation. Visible 30 seconds. Scattered clouds.	Azimuth 239 degrees. 6 degrees elevation. Moon set 0347Z Azimuth 248 degrees. Crescent
10/7/62	Springfield, OH	0520Z-0540Z 10/7/62	Last seen in southwest. Traveling in a car driving SW. Crescent shaped. Bright red. Witness called duty officer at 0515Z, which was before time of sighting. Probable error in time listed (report made two weeks later).	Moon set 0434Z Azimuth 242 degrees. First Quarter.
6/27/63	Ironton, OH	0200Z-0210Z 6/28/63	Traveling in car in west direction. Looked like Ferris wheel. Scattered clouds. Witness reported no moon. Object moved from west to south.	Azimuth 241 degrees. 38 degrees elevation. First quarter. All roads going into town are going in SW or NW direction (not west). Roads change direction, causing shifting direction. Clouds obscured moon.
7/3/63	Klamath Falls, OR	1010Z-1020Z 7/4/63	Small moon-shaped. Appeared low in altitude. Split into two as it got low. 45-60 degrees elevation. Seen in direction of Keno AFS. Keno at azimuth of 230 degrees.	Azimuth 236 degrees. 7 degrees elevation. Moon set 1054Z Azimuth 243 degrees. Gibbous
8/5-7/63	Fairfield, IL	0500Z 8/5/63	Driving east on SR 15. Object initially to right of car. Elevation 40 degrees.	Azimuth 165 degrees. 30 degrees elevation. Full. Witness then focused attention on object to east (Jupiter).
10/19/63	Bournemouth, England	1800Z-1810Z 10/19/63	Bronze-gold colored object. 15 degrees elevation in WSW. Visible 25 seconds. Scattered clouds	Azimuth 244 degrees. 2 degrees elevation. Moon set 1820Z Azimuth 247 degrees. Crescent
12/10/63	White Plains, NY	0730Z 12/10/63	Bright yellow light with rays in the East. Bright crescent at bottom of object.	Azimuth 98 degrees. 7 degrees elevation. Crescent
6/5/64	Texarkana, TX	0700Z 6/5/64	Driving in a car east. Object was ahead and slightly to the right. Large luminous red-orange blob. The upper 2/3rds were hidden. The object suddenly disappeared.	Moon rise 0805Z Azimuth 92 degrees. Crescent. (Time listed as 0700Z but letter states it was 2 AM. If using standard time, the time would have been 0800Z).
7/12/64	San Antonio, TX	0350Z-0405Z 7/13/64	Yellow crescent shaped object. Seen from moving car. 15 degrees elevation 270 degrees azimuth. Object split and then rejoined. Broken clouds.	Azimuth 279 degrees. 9 degrees elevation. Moon set 0432Z Azimuth 284 degrees. Crescent

8/12/64	Breckens Corner, MT	0500Z 8/13/64	Driving in car. Visible 2-3 minutes. Looked like burning haystack. Crescent shaped and became oblong. Sighted to south.	Moon set 0500Z Azimuth 259 degrees. Crescent
12/14/64	Falls Church, VA	0605Z- 0625Z 12/14/64	Faded into dull red glow. Split into two sections and then joined into one. Top of a mushroom turned upside down without the stem. Visible low in SW.	Azimuth 265 degrees. 8 degrees elevation. Moon set 0651Z Azimuth 272 degrees. First Quarter.
2/8/65	Elk Grove, IL	0555Z 2/9/65	275-280 degrees azimuth. Two interconnecting ovals of light at right angles to each other.	Azimuth 283 degrees. 7 degrees elevation. Moon set 0638Z Azimuth 290 degrees. First Quarter.
7/13/65	Blauvelt, NY	0800- 0900Z 07/13/65	White with bluish spot in middle. Visible in NW on form. Drifting south and visible in west in letter.	Azimuth 224 degrees. 9 degrees elevation. Moon set 0908Z Azimuth 235 degrees. Full Moon. Time was EDT and not EST.
7/16/65	Howell, UT	1030Z 7/16/65	Due south. Initial elevation was 25-30 degrees then went to 40-45 degrees. Three objects seen one after the other but never at same time. All were visible in the same location and appeared to come from the south and fade out after reaching 40-45 degree elevation. Cloudy skies at Hill AFB to south. Witness listed as a few stars visible but no moon was visible. Also said it was clear. Sky conditions were probably clear with clouds to the south. Saucer shaped object. Drawn as half-circle shape. One was drawn as a bell with legs.	Azimuth 193 degrees. 29 degrees elevation. Gibbous. Observation could have been the moon coming in and out of cloud layer.
7/31/65	Elmhurst, IL	0245Z- 0300Z 8/1/65	Visible 2-3 minutes. 270 degrees azimuth. 50-55 degrees elevation. Brilliant orange.	Azimuth 268 degrees. 9 degrees elevation. Moon set 0335Z Azimuth 276 degrees. Crescent
8/11/65	Richmond, Walnut creek, CA area	0930Z 8/11/65	Planetarium director observed events reported as UFOs and determined it was the moonlight reflecting off the tops of thunderstorm clouds.	Azimuth 209 degrees. 23 degrees elevation. Full.
8/21/65	Orting, WA	0815Z 8/21/65	Witness driving in car. Appeared in the east. Cloudy skies. Saucer shaped. Azimuth of object did not change during 2-3 minutes of sighting. Hovering on hillside.	Azimuth 67 degrees. 9 degrees elevation. Last Quarter.
8/23/65	Bogota, Columbia	0745Z- 0818Z 8/23/65	Visible to east of airport. Witness described object as initially cone-shaped changing to elongated and squared finally changing to moon shaped. Clouds covered object starting at 0808Z and object disappeared behind clouds ten minutes later.	Azimuth 65 degrees. 2 degrees elevation. Crescent.
12/9/65	Waterford, PA	0945Z- 0955Z 12/9/65	Big yellow and orange ball in the west. Driving west in a car. Object was in west, then was in north, then in NW close to the original direction it was first seen.	Azimuth 270 degrees. 39 degrees elevation. Full. Road changing direction probably was cause of shifting directions.

12/27/65	Houma, LA	0305Z-0313Z 12/28/65	Round red-orange object the size of a large aircraft. 30 degrees elevation in SW. White vapor clouds near object. Object split into one large and one small object and then rejoined into one object. Scattered clouds reported by witness. No clouds with fog in teletype msg.	Azimuth 249 degrees. 5 degrees elevation. Moon set 0333Z Azimuth 253 degrees. Crescent
1/1/66	Liberty Center, OH	0700Z-0710Z 1/2/66	Orange light in the woods about the brightness of the sun. It rose, then descended. It shrank in size and disappeared. Low in west.	Azimuth 279 degrees. 7 degrees elevation. Moon set 0753Z Azimuth 286 degrees. First Quarter.
1/26/66	Bridgeport, NY	0210Z 1/27/66	Driving in car. 30 degrees elevation in SE. Circular like bottom of half-moon. Was Yellow and changed to gray. Vanished after five minutes.	Azimuth 259 degrees. 9 degrees elevation. Moon set 0303Z Azimuth 268 degrees. Crescent. Witness description of travel indicates they were traveling northward on Bridgeport-Kirkville road towards center Bridgeport (route 298) and were 1.5 miles south of Bridgeport. At that point, the road is headed WNW. Object was seen ahead of vehicle. Direction of SE was incorrect.
2/24/66	Rochester, NY	0135Z 2/25/66	A large yellowish-white object like an inverted soup bowl. Visible in NW and disappeared behind houses after 90 seconds. (This was submitted in July of 1966, which classified it as unreliable but I am including it in the list because it could have been the moon as well).	Azimuth 265 degrees. 16 degrees elevation. Crescent. Moon set 0307Z Azimuth 281 degrees
3/12/66	Moultrie, GA	0530Z 3/12/66	Big red circular object seen while driving car from Sale City to Moultrie (towards ESE). Visible in East. Shaped like a big tilted cup.	Azimuth 118 degrees. 4 degrees elevation. Last Quarter.
3/25/66	Toledo, OH	0215Z 3/26/66	Hovering in NW. Bluish-white light. Half-moon shape like a WWI helmet. Visible 5 minutes.	Azimuth 281 degrees. 13 degrees elevation. Moon set 0333Z Azimuth 293 degrees. Crescent.
3/27/66	Swansea, MA	0445Z 3/28/66	Driving in a car from Fall River (azimuth 295 based on hand drawn map). Large brilliant orange crescent moon. Low in western sky. Disappeared over the horizon.	Azimuth 301 degrees. 2 degrees elevation. Moon set 0459Z Azimuth 304 degrees. Crescent.
3/29/66	Lacrosse, WI	0730Z 3/29/66	Stationary object in the NW. Crescent shape. Yellow.	Azimuth 306 degrees. 1 degrees elevation. Moon set 0736Z Azimuth 308 degrees. First Quarter.
4/1/66	Bristol, VT	0900Z-0910Z 4/1/66	Red and glowing round object. Visible in the West to Northwest. Angle of elevation low. Faded out.	Moon set 0856Z Azimuth 300 degrees. Gibbous.
4/5/66	Cincinnati, OH	1104Z 4/5/66	Shape of pancake. Bright orange. Visible 1 minute before disappearing. Driving west in car. Visible in west.	Azimuth 262 degrees. 5 degrees elevation. Moon set 1134Z Azimuth 266 degrees. Full.
4/5/66	Loveland, OH	1100Z 4/5/66 (time incorrect on record card)	Large ball, reddish orange in color. Same appearance as rising sun. Driving west in a car. Visible in west.	Azimuth 261 degrees. 5 degrees elevation. Moon set 1134Z Azimuth 266 degrees. Full.

4/8/66	Ellenville, NY	0620Z-0640Z 4/8/66	Cigar shape. Yellowish. Visible in SE. Came from NE. Faded away.	Azimuth 163 degrees. 27 degrees elevation. Gibbous.
4/11/66	Sharpsville, PA	0700Z-0915Z 4/11/66	Round bright orange ball. Visible to southeast. Cloudy and foggy. Sketch showed half-moon shape.	Azimuth 140 degrees. 9 degrees elevation. Last Quarter.
4/25/66	Ghent, NY	0330Z-0415Z 4/26/66 (time incorrect on record card. Did not incorporate DST)	Visible to W to NW. Half-moon shape brilliantly lit.	Azimuth 300 degrees. 6 degrees elevation. Moon set 0412Z Azimuth 306 degrees. Crescent.
5/7/66	Columbus, OH	0440Z 5/8/66	2-3 minutes. Cloud moved in front of and it disappeared. Glowing yellow-white. Half-moon shape. 45 degree angle in SE	Azimuth 132 degrees. 5 degrees elevation. Gibbous.
5/8/66	New Carlisle, OH	0535Z 5/8/66	Bright light visible for a few minutes before being covered up by clouds. Visible in SE.	Azimuth 141 degrees. 12 degrees elevation. Gibbous.
5/25/66	Mobile, AL	0320Z-0410Z 5/25/66	Five white cotton ball objects with pink cast visible before main object. Scattered clouds. WNW with 35 degree elevation.	Azimuth 283 degrees. 21 degrees elevation. Crescent.
5/27/66	Roslyn Heights, NY	2315Z 5/27/66	Visible for 2 minutes and 30 seconds. Metallic gray with lights all around. Moving westerly. High cirrus clouds. Visible in west 45-75 degrees elevation.	Azimuth 191 degrees. 65 degrees elevation. First Quarter.
6/20/66	Centerville, OH	0230Z-0333Z 6/21/66	Cigar type orange colored object in NW sky. Moved downward 6 degrees and disappeared.	Azimuth 295 degrees. 8 degrees elevation. Moon set 0322Z Azimuth 303 degrees. Crescent.
6/20/66	Dayton, OH	0230Z-0300Z 6/21/66	Bottom edge convex. Top sides irregular. Red orange flashes noted. Moving South to west. Overhead to near horizon.	Azimuth 295 degrees. 8 degrees elevation. Moon set 0322Z Azimuth 303 degrees. Crescent.
7/30/66	Coldwater, OH	0815Z-0900Z 7/31/66	Bright orange colored object in SW sky with oblong cigars on each side. Moved from South to SW. Descended from 15 degrees to near horizon.	Azimuth 224 degrees. 9 degrees elevation. Moon set 0922Z Azimuth 235 degrees. Full.
8/24/66	Troy, OH	0427Z-0435Z 8/25/66	Driving in car. Visible in SW. Two orange disc-shaped objects came out of cloud. Clouds covered and revealed them intermittently.	Azimuth 224 degrees. 8 degrees elevation. Moon set 0530Z Azimuth 234 degrees. First quarter.
8/25/66	West Hampton Beach, NY	0440Z-0455Z 8/25/66	Football shaped tilted at 45 degree angle. Bright orange. Stationary. 10 degrees elevation 270 degrees azimuth. Traveling in car from Riverhead to Westhampton (180 degrees azimuth at location sighted object). Seen in SW direction based on description (towards base housing).	Azimuth 232 degrees. 4 degrees elevation. Moon set 0507Z Azimuth 236 degrees. First quarter.

8/28/66	Oregon, WI	0800Z-0820Z 8/28/66	Stationary objects in SW. Seen as first object (large balloon with propeller) and second object (The moon) 15 minutes apart. Both were reddish orange or orange. Some clouds.	Azimuth 231 degrees. 4 degrees elevation. Moon set 0830Z Azimuth 236 degrees. Gibbous.
9/16/66	Duluth International Airport	0100Z-0105Z 9/17/66	Orange sphere seen at ten degrees elevation 240 degrees azimuth.	Azimuth 253 degrees. 4 degrees elevation. Moon set 0127Z Azimuth 258 degrees. Crescent.
9/22-24/66	Spring Valley, OH	0433Z-0501Z 9/23/66 0630Z 9/24/66	For two nights observer saw object in SW sky. Brighter than the sun or full moon. Object extremely bright red orange dimming to yellow. Record for second sighting was from memory on 11/10/66.	9/23 Azimuth 228 degrees. 5 degrees elevation. Moon set 0513Z Azimuth 234 degrees. First quarter. 9/24 Moon set 0613Z Azimuth 237 degrees. First quarter.
10/3/66	Wall, SD	0235Z 10/4/66	Cigar shaped object on eastern horizon comparable to sunset. Orange in color. Partly cloudy. Visible for about 1 minute.	Azimuth 62 degrees. 1 degrees elevation. Gibbous.
10/16/66	Richmond, VA (actual location Greenville, OH)	2300Z 10/16/66	Crescent moon shape moving East to West. Changed to funnel shape. Then changed to sphere shape.	Azimuth 224 degrees. 14 degrees elevation. Crescent.
1/29/67	Knox City, MO	0400Z 1/30/67	Reddish object rose in eastern sky. A bit flat on top and bottom. Appeared to be made of fiberglass with a ring of thruster engines.	Azimuth 90 degrees. 2 degrees elevation. Gibbous.
2/1/67	Kansas City, MO	No time.	Circle then a half circle. Bright light that faded away. Hazy sky with scattered clouds.	Moon rise 0619Z azimuth 105 degrees. Last Quarter
2/20/67	Oxford, WI	0910Z 2/20/67	Driving truck westward. Noticed orange red colored object approach and parallel truck. Flying towards east. Seen in NW moving northward at an angle towards the horizon. Cloudy skies.	Azimuth 300 degrees. 8 degrees elevation. Gibbous. See SUNlite 9-1
2/26/67	Dayton, OH	0210Z 2/27/67	Bright orange object in eastern sky. Appeared to move southward. Initially round but changed shape to a cigar. Disappeared into clouds. Bright as the sun without any glare. Visible low in NE.	Azimuth 94 degrees. 1 degrees elevation. Gibbous.
3/15/67	Dayton, OH	0010Z-0300Z 3/16/67	Butterfly or box kite shape. Visible through clouds. Overhead to 55 degrees elevation in west. Still in view at 0300Z.	Azimuth 250 degrees. 53 degrees elevation. Moon set 0514Z Azimuth 299 degrees. Crescent.
4/12/67	Cherryville, NC	0210Z-0220Z 4/13/67	Red with a few white lights. Cloudy and hazy. Driving in a car in west direction. Elevation angle of 35 degrees. Saw through front windshield.	Azimuth 290 degrees. 9 degrees elevation. Crescent.
4/18/67	Tucson, AZ	0830Z-0845Z 4/18/67 (Zulu time on card incorrect 0130 MST=0830Z)	Very bright orange. Circular with 1/3 of it missing. Had dark spots and blue halo around it. Disappeared slowly to the horizon. NW to West motion.	Azimuth 293 degrees. 8 degrees elevation. Moon set 0916Z Azimuth 299 degrees. First Quarter.

5/26/67	Dayton, OH	0500Z 5/26/67	Visible low in SE for five minutes. Bottom 1/3rd of object covered. Bright orange. Almost red. Scattered clouds with light rain.	Azimuth 142 degrees. 11 degrees elevation. Gibbous.
5/27/67	Kirksville, MO	0730Z- 0800Z 5/27/67 (Zulu time on card incorrect 0230 CDT= 0730Z)	Pinkish/Fiery color. Bright like a sunset. Cloudy conditions. Circular object with 1/4 missing. 30 degrees elevation to the SE.	Azimuth 153 degrees. 17 degrees elevation. Gibbous.
7/12/67	Indianapolis, IN	0415Z- 0435Z 7/13/67	Scattered clouds. Cigar shape. Low towards horizon. Descended behind trees. Pulsating bright sunlight.	Azimuth 269 degrees. 4 degrees elevation. Moon set 0435Z Azimuth 272 degrees. Crescent.
11/5/67	Farmersville, OH	0100Z 11/6/67	Visible five minutes. 20 degrees elevation 258 degrees azimuth. Looked like first quarter moon.	Azimuth 229 degrees. 2 degrees elevation. Moon set 0116Z Azimuth 232 degrees. Crescent.
4/4/68	Cochrane, WI	0215Z- 0225Z 4/5/68	Visible five minutes. Driving in car in NW direction. Like a pointed boomerang. Orangish. Fuzzy edges. Went from East to SW. Mostly cloudy with fog. At one point, witness stated it was overhead and to NNE (The direction she thought she was driving).	Azimuth 260 degrees. 53 degrees elevation. First Quarter.
7/11/68	Eielson AFB, AK	1200Z- 1225Z 7/11/68	Low near horizon. Moved from SSW towards SW. Hazy conditions. Bright orange or yellow. Round object.	Azimuth 189 degrees 1 degrees elevation. Moon set 1303Z Azimuth 203 degrees. Full
7/28/68	Altavista, VA (incorrectly identified as Attanista)	0215Z 7/29/68	2-3 minutes. Quarter moon shaped. White-Yellow. 20-30 degrees above the western horizon. Two objects side by side. As first object disappeared second appeared. Some cirrus clouds.	Azimuth 275 degrees 2 degrees elevation. Moon set 0230Z Azimuth 277 degrees. Crescent
8/15/68	Yellow Springs, OH	0430Z- 0500Z 8/15/68	Large yellow-gold-white light. Visible in NE to ENE.	Azimuth 74 degrees. 9 degrees elevation. Last Quarter.
8/30/68	Hamilton, OH	0205Z- 0245Z 8/31/68	Football shaped light that moved downward. Was in SW and disappeared behind clouds. 60-45 degrees elevation towards the southwest.	Azimuth 216 degrees. 15 degrees elevation. Moon set 0355Z Azimuth 235 degrees. First Quarter.
12/5/68	Bellefontaine, OH	0005Z- 0020Z 12/6/68	Seen when driving car eastward. 30 degrees above horizon. Moving East and then, after turning south, object followed car southward. Seen out left side of car. Round and bluish white.	Azimuth 74 degrees. 23 degrees elevation. Full
8/26/69	Algoma, WI	0900Z 8/26/69	Bright light west of their boat sometimes obscured by clouds. Brilliant orange with tail. Shaped like half of a watermelon.	Azimuth 236 degrees. 6 degrees elevation. Full

THE 701 CLUB

This is the listing of all the cases I examined in the 701 club articles/Blue Book reviews and the results of those examinations.

No.	Date	Location	Description	Explanation	Issue
1	9/3/47	Oswega, OR	12:15 PM PDT. 12-15 silver objects at high altitude. No other information.	Insufficient information	17-2
2	Oct 47	Dodgeville, WI	No specific date	Insufficient information	17-2
3	Jul-Aug 48	Marion, VA	Reported in Letter June 25, 1949.	Unreliable report	17-2
4	9/23/48	San Pablo, CA	12:00 PM. Large translucent object overhead. Hazy day. Object gray in color. Circular center with appendages fore and aft. Other witness stated it looked like a crate. First witness stated it appeared in NE, moved Northwestward until it faded away in the north in 3 minutes. Other witness stated it disappeared in east and was visible only for a short period of time.	Conflicting data	17-2
5	1/4/49	Hickam AFB, HI	2:00 PM HST. Round white flat piece of cardboard that circled area and disappeared to NE after 15 minutes.	Possible Balloon	13-1
6	2/25/50	Los Alamos, NM	3:45 - 3:55 PM Multiple observers gave varying accounts of what was seen. Duration listed as 3sec to 2 min. Direction of object from observer N to S, NE to SW, E to W. Speed from very slow to very fast. Shape differed between circular to like an aircraft fuselage.	Conflicting data	17-2
7	3/20/50	Stuggart, AR	9:26 PM CST. Disc-shaped object with flashing light on top and 9-12 portholes beneath. Heading S to N. Visible 25-35 seconds.	Possible meteor	10-2
8	9/20/50	Kit Carson, CO	10:49 AM/PM MST. (Time listed as 10:49 local time with no designation of AM or PM). Five fireballs that looked like glowing molten metal, going from north to south and hovered before disappearing. Duration 1 minute. Note: On this date at bright fireball was seen over the region at 10:45 PM MST.	Possible meteor	16-5
9	10/10/50	Pope AFB, NC	4:20 PM EST. Aircraft saw four shiny objects. Pilots chased them but they descended slowly and took off in a burst of speed. Information based on newspaper clipping and essential data is missing such as duration and course.	Insufficient information	17-2
10	12/2/50	Nenyika, Kenya, Africa	10:50 AM. Circular object hovering and spinning. Made sound like swarm of bees. Had color of a pearly iridescence and looked like a flattened top. No positional data, duration, or manner of disappearance.	Insufficient information	17-2
11	12/11/50	Alaska	10:38 PM. NW airlines flight reported two flashes of light near Mt. Sanford. Information of two flashes of light is inadequate to evaluate.	Insufficient information	17-2
12	3/10/51	Chinnampo, Korea	12:51AM LT. Brilliant flash seen lasting about 1 second.	Possible meteor/Flash bomb	15-2
13	6/1/51	Niagara Falls, NY	4:20 AM EST. Orange-yellow saucer-shaped object with arc-shaped wings seen at 80 degrees azimuth and 20 degrees elevation. After 30-40 seconds, the object disappeared into the clouds.	Probable moon	16-3
14	7/24/51	Portsmouth, NH	7:10 PM EST. Gray tubular object, with many black spots, flew for 20 (second witness states 5-10) seconds before disappearing.	Possible meteor	12-4

15	11/18/51	Washington DC	3:20 AM EST. Strange object following Pilot airplane (DC-4) for about 20 miles at 8000 ft and turned back. Other lights seen.	Possibly Venus/Saturn/Meteor/Insufficient information	6-5
16	12/7/51	Sunbury, OH	4:30 PM EST. Spherical object seen in telescope. Two objects appeared on sides and then object exploded into many specks. 30 minute duration.	Probable weather balloon	9-6
17	2/11/52	Pittsburgh, PA	3:00 AM EST. Object traveled from N to SE in one minute.	Probable meteor	8-1
18	3/20/52	Centreville, MD	10:42 PM EST. Orange-yellow saucer-shaped light went from SW to SE for approximately 30 seconds. During its flight the object "jumped" 2 degrees twice.	Possible meteor	16-2
19	3/22/52	Yakima, WA	6:33 PM PST. F-94 sent to intercept radar contacts from ground station. Pilot saw brief flashes of light that were not seen by aircraft's radar or the radar operator. Ground station radar track appeared to drift with wind.	Insufficient data	16-5
20	4/17/52	Longmeadow, MA	8:30 PM EST. Deep-orange colored, star-like object exhibiting erratic motion to the east for 40 minutes.	Probably Mars	6-2
21	4/29/52	Goodland, KS	10:00 PM CST. One white fan-shaped object passed over aircraft in 2 seconds.	Probable meteor	8-2
22	5/10/52	Ellenton, SC	10:45 PM EST - 11:15 PM EST. Eight gold objects seen at various times. Seven of the eight came from the south and were going north. The other one came from the NE and went to the SW. All objects were only visible for a few seconds.	Possible birds	15-3
23	5/25/52	Walnut Lake, MI	9:52 PM EST. Moon shaped object. White to orange color. Drifting slowly west and northward.	Probable Moon	7-2
24	5/29/52	San Antonio, TX	7:00 PM CST. Bright tube-shaped object shifted from horizontal to vertical over 8 minutes. It then repeated the cycle by going back to horizontal and then vertical again. It turned to red-orange color and disappeared. Total duration 14 minutes.	Possible Contrail/Sun Dog	9-3
25	6/2/52	Fulda, Germany	No time. RB-26C on recon mission towards the SSW saw a round object moving towards the NNE	Possible balloon	8-3
26	6/2/52	Bayview, WA	5:02 PM. Purple object seen at high altitude. There is no positional data, duration, or manner of disappearance.	Insufficient information	17-2
27	6/18/52	Walnut Lake, MI	10:00 PM EST. An orange light was observed zig-zagging and hovering. No duration given.	Probably stars/planets	7-2
28	6/18/52	Columbus, WI	9:00 AM. Crescent-shaped object, resembling a new moon, seen for several seconds and then moved north vanishing. No positional data for when the object was first seen. Insufficient data (note: there was a crescent moon visible in the morning sky that could have been the source of this sighting but without positional data one cannot say).	Insufficient information	17-2
29	6/26/52	Terra Haute, IN	3:45 AM. Object passed over and reached SW position, where it hovered. No duration listed.	Insufficient information	17-2
30	7/6-12/52	Governor's island, NY	11:00 PM EST. Photographs showing objects that were not seen visually when photographs were taken.	Internal reflection of moon in two photographs/Insufficient data	9-4
31	7/16/52	Salem, MA	9:35 AM EST. Alpert UFO photographs of four lights hovering outside a window.	Window reflection	11-4
32	7/17/52	Lockbourne, OH	1:00 - 4:00 AM EST. A circular-shaped object remained stationary for long periods of time visible in the east. Seen on multiple nights in same location and at same time.	Probably Jupiter	7-3

33	7/21/52	San Marcos AFB, TX	10:40 PM CST. Five of six witnesses observed an object moving very fast for up to 10 seconds duration. Sixth witness described slow moving object with no details.	Probable meteor/ Insufficient data	17-1
34	7/22/52	Stafford, WA	It is possible this was a reflection off of cirrus clouds. Pilots saw object in direction opposite of sun and they never caught up to it before it faded.	Reflection	16-6
35	7/26/52	Kansas City, MO	12:15 AM CST. A greenish light with red and orange flashes descending from 40 to 10 degrees elevation in the NW over an hour.	Possibly Arcturus	5-3
36 - 38	7/26/52	Washington, DC/Andrews AFB (3 cases)	Multiple sightings and radar targets. Temperature inversion present. See Condon report for analysis.	Anomalous propagation/misperceived objects	16-6
39	7/27/52	Wilmington, DE	Not on list of 701 unknowns. Possible balloon.	Possible Balloon	16-6
40	7/28/52	McChord AFB, WA	2:15 AM PDT. A dull bluish-green ball of light flew very fast and straight. No duration or direction given.	Possible meteor	15-4
41	7/29/52	Albuquerque, NM	11:00 PM MST. Yellow-orange circular shape seen at azimuth 240 degrees. Disappeared after 10 minutes. Continental radar station had radar contact and saw light in the west moving north. The radar contact was unrelated to the visual sighting and the light described had insufficient information for identification.	Possible moon/insufficient information.	16-6
42	8/2/52	Lake Charles AFB, LA	3:00 AM CST. Red spherical object with blue flame went from south to north straight and level for 3-4 seconds.	Probable meteor	16-4
43	8/5/52	Haneda AFB, Japan	11:30 PM. Object seen by airmen, who reported it to GCA. Object was observed visually for 50 - 60 minutes to the NE. The object faded twice before reappearing. F-94 sent to intercept target on radar. Both F-94 and object were tracked on radar and the F-94 had a contact on its radar. F-94 could not locate visually. Object lost visually from ground due to clouds. A/C reported 30-40% cloud cover.	Possibly Jupiter and false radar contacts	17-2
44	8/6/52	Tokyo	Continuation of Haneda sightings	Duplicate entry	17-2
45	8/18/52	Fairfield, CA	12:50 AM PDT. Object seen to East or NE, changed color and directions for 30 minutes.	Possibly Jupiter or Capella (insufficient data to determine which)	8-4
46	8/20/52	Neffsville, PA	3:10 AM EST. Observers saw object that appeared to be aircraft for several minutes. No other information.	Insufficient information	17-2
47	8/26/52	Pozarica, Mexico	3:50 AM. Luminous, oval-shaped, object with small wings crossed the sky from west to east. Passed over oil field where it paused for "a few instants". Buzzing sound heard. Object disappeared in direction of sea (to the east). This is one of four sightings in the case file. All are based on newspaper stories with no formal investigation. No duration given.	Insufficient information	17-2
48	8/27/52	Ciudad Madero, Mexico	"Early morning". Bright sphere moved in spiral circles over breakwaters before taking off in a straight line to the north. This is one of four sightings in the case file. All are based on newspaper stories with no formal investigation. No time given.	Insufficient information	17-2
49	8/28/52	Chicasaw/Brookley AFB AL	9:30-10:45 PM CST. Multiple observations from different witnesses of lights that moved about and changed colors.	Probably Arcturus, Altair, Mars, Antares, and Fomalhaut	14-4
50	9/1/52	Marrietta, GA	10:30 PM EST. Two large objects spinning like tops with red, blue, and green colors. Objects threw off sparks for 30 minutes to the south. Other sightings made in various directions.	Possibly stars/planets	11-5

51	9/6/52	Lake Charles AFB, LA	1:30 AM CST. One round white object displayed circular motion in the NE for 2 hours.	Probably Capella	5-5
52	9/11/52	Allen, MD	9:30 PM EST. Greenish-white object with red trim moving in the NE for 35 minutes.	Possibly Capella	8-5
53	9/13/52	Allentown, PA	7:40 PM EDT. One flaming red object shaped like a football came from the NE and traveled towards the south in 2 seconds. Near collision with aircraft. (Note: Witness made report about one week after the event and may have gotten the date wrong. On 12 September, a bright fireball was seen over the Atlantic states from PA to NC around 8:00 PM)	Possible meteor	15-5
54	10/7/52	Alamogordo, NM	8:30 PM MST. Object went from NW to NE in 4-5 seconds.	Probable meteor	14-5
55	10/17/52	Taos, NM	9:15 PM MST. Round bright blue object moved straight path towards the SE in 2-3 seconds	Probable meteor	13-5
56	10/19/52	Pacific	4:58Z Circular yellow light with reddish glow around the outside traveling towards Hawaii.	Probable meteor	9-5
57	10/24/52	Elberta, AL	8:26 PM CST. Pilots saw orange object larger than a star with concave surface at front and possessing a tail, flew towards the SW at great speed. Duration 5 seconds.	Probable meteor	17-2
58	11/12/52	Los Alamos, NM	10:23 PM MST. Four lights stationary or moving slowly north changing colors from red to green to white or yellow. Duration 15 minutes.	Stars/Insufficient data	10-6
59	1/1/53	Craig, MT	8:45 PM MST. Object that looked like "two soup bowls put together" traveled from SW to NE in 10 seconds before disappearing.	Possible meteor	7-1
60	2/20/53	Stockton/ Pittsburg, CA	1. Unknown time. Large bright light visible 8 minutes to the SSE and then disappeared. 2. 10:30 PM PDT. Light on collision course with aircraft. Went from North to east in a short period of time.	1. Possible aircraft 2. Possible meteor	15-1
61	3/11/53	Hackettstown, NJ	4:00 AM Blinking light moving up and down mountain range to the west (additional sightings at 2100 and 2400)	Probably Venus, Aldebaran, and Pollux	10-1
62	6/22/53	Goose AFB, Labrador	1:40 AM LT. F-94 observed red ball of light. Attempted intercept but could not catch up. After five minutes, object departed into overcast. No course or positional data for object. No course for aircraft.	Insufficient information	17-2
63	8/27/53	Greenville, MS	10:35 PM CST. Circular object emitted red, green, and white alternate flashes of light for approx 3-4 seconds, then a steady red flash light diminishing as increasing in distance. Object was traveling from SW to West over 50 minutes.	Probably Arcturus and Antares	6-4
64	9/3/53	Portland, Oregon	Two oval-shaped bright silver objects flew at high speed and disappeared behind cloud. No time, duration, course, or positional data.	Insufficient information	17-2
65	4/8/54	Chicago, IL	4:03 PM CST. Witness saw a parachute shaped object with humanoid beneath it descend towards lake. CG cutter investigated but found nothing. Witness saw humanoid come ashore, walk around, and then get back aboard craft, which departed. Duration 30 minutes. The witness appeared to be influenced by UFO literature and compared the figure with those depicted in Adamski's book. Unlikely that such an event could happen in downtown Chicago during rush hour and not be noticed.	Unreliable report	17-2

66	6/1/54	400 mi. S. of Minneapolis, MN	3:00-4:05Z. Bright object paced aircraft going north for over one hour.	Possibly Venus/ Insufficient data	10-4
67	7/25/54	Lake Erie	7:12 PM EST. Cylindrical object moving on the surface of the water at a high rate of speed. Object moved in arc to the stern of observers boat. The witness did not state what happened to the object and there is no indication it went airborne. If so, the object should have been found.	Insufficient information	17-2
68	7/30/54	Los Angeles, CA	11:15 AM PDT. B-25 observed stationary thin horizontal line to the SE. Other Navy aircraft appeared to pass under object. No duration is listed and there is no indication of how it disappeared. No follow-up in identifying navy aircraft for confirmation.	Insufficient information	17-2
69	8/11/54	Pacific Ocean	5:50Z (2050 LT). Line of blue light approached from NE (50 degrees azimuth 1- 2 degrees elevation) and passed over ship. Changed to circular shape. Slowed down and rose into thin layer of clouds, illuminating clouds and disappeared overhead. This could have been a meteor but no duration was given.	Insufficient information	17-2
70	8/24/54	Egilstadir, Iceland	8:30 PM LT. Cylindrical object made whizzing sound, flew straight and level, and fell into a sandbar. No object found.	Insufficient information	7-5
71	9/18/54	Kimpo AFB, Korea	20:55 - 21:08Z. Silver object observed to move from 175-180 degrees azimuth, while maintaining elevation at 50 degrees. It disappeared into clouds.	Possibly Sirius	10-5
72	9/21/54	Barstow, CA	2:00 AM PDT (possibly 12:00 AM PDT - message is faded). Red-orange ball giving off sparks and smaller light made a zig-zag descent in the SW and hovered for 20 minutes.	Possibly Mars and Nunki	12-5
73	9/21/54	Santa Maria Airport, Azores	23:45Z. Guard reported that cigar shaped craft landed and a blond haired individual came out and attempted to converse in an unknown language. When a car approached, the humanoid boarded his craft and it accelerated straight up and disappeared. This story lacks credibility and sounds like something from "Flying saucers have landed" by George Adamski (1953). Such an event at an airport would have been seen by more than one security guard.	Unreliable report/ Possible hoax	17-2
74	9/22/54	Marshfield, MO	9:00 AM CST. Boomerang-shaped light tan object with black stripes landed with a puff of smoke. It landed behind a tree-line. Witnesses could only find some damaged ground for where the object landed. Repeated searches found no evidence of a landing. This story lacks credibility and there is nothing to confirm the more exotic aspects of this story.	Insufficient information	17-2
75	10/15-17/54	Kingfisher, OK	8:45 PM CST. On three successive nights, approximately 50 objects flying in a V formation. West to East, North to South, and South to East. Faster than jet AC. No durations listed. Only record card available.	Insufficient information	17-2
76	11/19/54	Corvallis, OR	4:15 PM PST. Bright white object changing shape in the west for 12 minutes. Changed color from white to pink to red.	Probable contrail	12-6
77	1/26/55	Lakeland, FL	6:15 PM EST. Black smoke trail followed by an explosion to the ENE. Missing duration.	Insufficient information	17-2
78	2/10/55	Bethesda, MD	10:03 PM EST. Yellowish object with flat top and round bottom. Stationary for 30 seconds and changed to a funnel shape. Diminished in size. Total duration 1.5-2 minutes.	Probable moon	5-4

79	9/7/55	Washington DC	7:30 AM EDT. Illuminated, round object moved across the sky in 1 minute. No positional data or course. Insufficient data.	Insufficient information	17-2
80	12/21/55	Caribou, ME	11:00 PM EST. Round object. Color as gold. Bright as sun but not hard on the eye. Visible in southwest for 6-8 minutes (witness states on form it disappeared in SE but direction given indicates motion towards SW or W).	Probable moon	8-6
81	2/19/56	Houston, TX	6:07 - 6:35 AM CST. White light seen by pilot of aircraft en route to Houston from New Orleans. Object was seen at bearing of 285 degrees. It was last seen at a bearing of 290-305 degrees.	Probably Jupiter	11-1
82	4/4/56	McKinney, TX	3:00 - 9:00 PM CST. Observed object through 6-inch telescope that moved slowly westward until darkness.	Probable Grab Bag balloon	6-3
83	9/14/56	Highland, NC	1:00 AM EST. 14 round yellow to red objects flying in formation from south to east and then northeast. They then returned swooping up and down. Exhaust seen. Total duration 1.5 hours. No duration for each event or how frequent they appeared during the 1.5 hours. Did it take 1.5 hours to traverse the sky? The implication was the angular speed was high.	Insufficient information/Conflicting data	17-2
84	4/25/57	Ringgold, LA	2:30 AM CST. Red colored half moon-shaped object seen while witness driving eastward towards Ringgold. 25 minute duration.	Possible Moon	11-3
85	7/27 or 29/57	Longmont, CO	Case reported in letter dated October 14, 1964.	Unreliable report.	17-2
86	11/6/57	Radium Springs, NM	10:50 PM MST. One round red, green, blue, and white object moved up into a cloud in 10 minutes. Witness looking towards SE.	Probably Sirius	7-6
87	11/8/57	Merrick, NY	10:10 AM EST. Witness saw a blue flash from their living room and heard swishing sound. Saw one blue bar through the window for an instant before disappearing.	Insufficient information	17-2
88	12/17/57	Fruita, CO	7:20 PM MST. Object moved from South to Southwest over a 45 minute period. Disappeared over the mountains.	Possibly Venus	11-6
89	5/9/58	Bohol Island, Philippines	3:05Z. Airliner saw object fall from the sky leaving a smoke trail behind. Visible for 90 seconds and then it disappeared into clouds. No positional information or course for object. Only that it was over Bohol Island. Insufficient data.	Insufficient information	17-2
90	6/30/59	Patuxent River, Virginia	8:24 PM EDT. Bright gold oblate object straight and level flight for 20-30 seconds. Visible to the north.	Possible aircraft/Insufficient data	12-3
91	9/13/59	Bunker Hill AFB, IN	4:00 PM EST. Pear-shaped object moved from N to SW rising slightly. Disappeared at dusk.	Probable balloon	5-6
92	Oct 59	Telephone Ridge, OR	Case reported in letter written in July of 1964.	Unreliable report	17-2
93	2/27/60	Rome, NY	6:27 PM EST. Round object rose and passed the star Sirius. Moved towards 150 degrees azimuth before disappearing into cloud. 3-4 minutes duration.	Echo test launch from Wallops Island	6-1
94	3/4/60	Dubuque, IA	5:55 PM CST. Three elliptical objects traveling NNE for 4 minutes.	Probable flight of three B-52 aircraft	5-3

95	4/25/60	Shelby, MT	Five sightings of objects in trail formation. First sighting had three objects, the others had five. Objects would appear stationary, then move slowly and speed up. All five sightings were not on same date. First in October 1957 and the last on April 25. Each sighting lasted 20-30 minutes and varied in course. 8mm film submitted for analysis. Information supplied seems to apply to all sightings and not specific information about sighting on 4/25/60.	Insufficient information	17-2
96	11/29/60	S. Of Kyushu, Japan	6:38 PM JT. Point of light moved from 350 degrees azimuth to 30 degrees azimuth in 10 minutes.	Echo satellite	14-6
97	2/27/61	Bark River, MI	10:15 PM EST. Fiery-red object seen in the west changed from stationary to moving slowly northward over 10 minutes before it disappeared.	Possibly Venus	16-1
98	Spring 61	Kemah, TX	Case reported in letter written in March of 1965.	Unreliable report	17-2
99	4/24/61	Pacific	11:34Z. Navigator of RC-121 sighted reddish-white object to the north heading to the northeast after 8 minutes.	Echo satellite	13-2
100	5/22/61	Tyndall AFB, FL	4:30 PM CST. Disc shaped-object. Silver colored. Stationary. Revolving in place. SE with elevation angle of 35 degrees.	Possible moon	13-3
101	6/2/61	Myako Jima AFS	10:17 PM JT. Actual date is June 4. A blue-white object moved at erratic speeds from 350 degrees azimuth to 190 degrees azimuth in 5 minutes.	Echo satellite	14-3
102	9/24/61	Tonopah, NV	2:45 AM PST (9/25). Initial observation was of the planet Jupiter. Second observation was of bright orange-yellow light that traveled fast in a southerly direction for 2-3 minutes and then turned towards the east.	Aircraft	13-1
103	11/21/61	Oldtown, FL	7:30 PM EST 11/20/61. Reddish object rose above trees to the south. Object faded after 3-4 minutes.	Titan 1 missile launch	4-5
104	11/23/61	Sioux City, IA	9:30 PM CST. One large, red star going from North to South over 15 minutes.	Possibly Echo satellite with time not being correct.	15-6
105	3/26/62	Westfield, MA	There is no case file for this date and location. There is a file for 5/26/62. Sparks and Berliner indicate both entries are identical and classify it as one sighting with the May case being suspect. There is a file for May 26, 1962 and all the information in that file indicates the May 26 date is correct.	Duplicate entry	17-2
106	4/4/62	Wurtland, KY	8:50 PM EST. Object, with haze around it and tail pointing towards the sun, stationary to the SE seen through telescope. Disappeared by fading after 6 minutes.	Possible balloon	12-2
107	6/30/62	Richmond, VA	Two sightings. The second was identified as the Echo satellite. The first was seen at 9:00 PM EDT and went from 20 degrees elevation 169 degrees azimuth to 13.5 degrees elevation 132 degrees azimuth. Duration 10-20 minutes. Courier 1B rocket trajectory was SW to SE at 20 degrees elevation. Duration 12 minutes.	Courier 1B rocket	13-2
108	7/19/62	Metuchen, NJ	9:30 PM EST 4-5 star-like objects moving by starting/stopping and zig-zagging for 7-10 minutes. Objects originated from and moved in four different directions. Details sketchy. It appears that there were several groups of objects moving about over the specific time period but it is not clear.	Insufficient information	17-2
109	Summer 1963	Middeton, NY	Case reported in letter dated August 5, 1965	Unreliable report	17-2

110	6/15/63	Indian Ocean	1539Z. Bright light surrounded by cloud traveling from the NW to the east for 3-4 minutes.	Agena rocket stage venting fuel	5-2
111	8/13-14/63	St. Galen, Switzerland	19:04Z. Object seen on two successive nights. On the second night the object was glowing as it traversed the sky. After 4 minutes, it stopped glowing and faded. It then increased brilliance and appeared to explode with parts appearing to fall to ground to the SW. No details on August 13 sighting and August 14 sighting lack details about the course/point of origin and where the fragments descended.	Insufficient information	17-2
112	9/15/63	Vandalia, OH	6:00 PM EST. Two gold-colored objects, one shaped like a banana and the other like an ear of corn, visible to the west for 10 minutes.	Probable airplane contrail	6-6
113	12/16/63	Pacific	5:05 Z. One white light blinking 2-3 times/second traveled towards the east in 15 seconds.	Possible meteor	13-6
114	5/26/64	Pleasantville, PA	11:00 PM EDT. Witness driving west and saw bright light on left side of road. Attempted to pursue light when it moved to right side of the road. When the object went back to the left side of the road, witness attempted to pursue on dirt road. Object the rose and disappeared to the west.	Probably Venus	10-3
115	8/15/64	New York City, NY	1:15-1:20 AM EDT. Flash of shiny object like a fire hydrant with door and pipes. It went westward as if in a blur/terrific speed. Only data comes from a letter. This could have been a meteor but no duration was given.	Insufficient information	17-2
116	8/18/64	Atlantic	5:35Z. Aircraft en route to Dover, DE saw red object on collision course. Object visible 2 minutes. Location listed as 200 miles east of Dover but actual location of aircraft was about 300 miles east of Cape Cod.	UNIDENTIFIED	5-1 and 5-2
117	4/4/65	Keesler AFB, MS	4:05 AM CST. Black oval object with lights moving southwest to northeast through the clouds for 15 seconds.	Possible meteor	11-2
118	8/4/65	Dallas, TX	9:25 PM CST. Dim red object traveled half way across sky to the east before fading out. Duration 10-12 seconds.	Probable meteor	13-4
119	11/4/65	Middletown, OH	Two sightings. The first identified as aircraft landing. The second happened around 6:50 PM and went to the NW for two minutes. There is no point of origin so a track cannot be determined.	Insufficient information	14-4
120	1/14-17/66	Weston, MA	Two sightings. One on the 17th was a barium cloud from Wallops Island. The second was on the 14th at 5:55 PM EST. It traveled from SW to SE and was visible for 20 minutes. Witness did not see first part but was reported by his son going from SW to S. He came inside to report to his father. They then went outside and saw an object moving SE Apollo 1 module went from SW to SE in 8 minutes (5:45-5:54). This had been preceded by the Centaur RB (5:41-9) and Apollo 5 module (5:45-5:52) following similar tracks. This was probably a combination of two or three of these objects or just one with the time duration overestimated.	Apollo 1, 5 module and Centaur RB.	14-5
121	2/2/66	Salisbury, NC	11:15 PM EST. Bright object, which changed colors rapidly, hovered for 3-4 minutes and then moved to the northeast. Object then remained in that location for one hour.	Probably Arcturus	12-1
122	3/20/66	Mims, FL	12:15 AM EST. Light pulsed and changed color from white to blue. Accelerated away northward after 5 minutes.	Jupiter or Capella (insufficient data to determine which)	14-2

123	4/30/66	Sacramento, CA	4:15 - 6:30 AM PDT. Bright object seen to the SE, moved towards the East. Rose over time and became translucent and disappeared at sunrise.	Venus	9-2
124	6/18/66	Burnsville, NC	12:30 AM EST. Object seen with blinking red lights hovered for 20 minutes before landing. Six more objects appeared and joined the first for 15 minutes and then went behind a mountain. They awoke one hour later and the objects were in the same place. Sighting lasted 5 hours. Form only gives positional data for one sighting. Details about how objects disappeared after 5 hours is missing. Landing site evidence inadequate.	Insufficient information	17-2
125	6/27/66	Pacific	1600Z 6/26/66. Witness aboard SS Mt. Vernon, saw light with cloud expanding around it going from E to W. No duration but I estimate 10 minutes based on description.	Atlas ICBM launch	4-6
126	7/25/66	Vanceboro, NC	1:00 AM EST. Observer saw red glare in his vehicle and he sped up to speeds nearing 120 mph to the SE to get away. Stopped car and went under vehicle. Object hovered over car and then rose rapidly disappearing into the sky in five seconds. 1 hour duration. Witness description of travel (a 25 mile trip) and duration do not match especially when he was supposedly driving at high speed.	Inconsistent data	17-2
127	7/31/66	Presque Isle, ME	Sighting involving a landing and creature with associated lights. The landing and creature were explained as unrelated to the sighting and probably an animal. The visual sighting of lights happened when their car was stuck in sand. At 10:15 PM EDT, the witness saw object in the NE and then noticed it was "free-falling" and reached ground level in 3-5 seconds.	Meteor	14-6
128	10/30/66	South Hampton, NY	Sighting accompanied by photographs. 6:20 PM EST. Object going from North to SW. Object had arms with arc-lights that illuminated the area in front of it. Disappeared to the SW after 7 minutes. Photographs submitted to be images of the UFO turned out to be time exposures of the moon and stars and were evaluated as a hoax. That makes the visual sighting a possible hoax. It also sounds like a possible aircraft with landing lights.	Hoax/possible aircraft.	15-1
129	2/20/67	Oxford, WI	3:10 AM CST. Seen truck driving westward. Orange red colored object, with red light on top, seen in NW and disappeared in north. Visible for 2.5 minutes	Possible moon	9-1
130	2/27/67	Holland/ Grand Haven, MI	8:19 PM EST. Large white light made an instantaneous right angle turn, moved over road. It moved too fast to follow according to the witness. Multiple sightings from many individuals. Total duration 1 hour and 11 minutes.	Probably Venus/ Possible aircraft/ Insufficient data	14-1

THE REMAINING UNKNOWN

This list is the remaining sightings (not cases) from the original 701 unknowns compiled by Blue Book after removing the sightings I examined in the 701 club articles.

No.	Date	Location	Description
1	6/24/47	Mount Rainier, WA	3:00 PM Arnold sighting. Nine large objects heading north to south. Visible 2.5-3 minutes.
2	6/24/47	Portland, OR	Afternoon. Five or six objects moving SE over a period 45-60 seconds. Needle on compass wavered.
3	7/3/47	S. Brooksville, ME	2:30 PM. Actually Harborside, ME. NW direction of flight. Loud roar. 10 light colored objects. 10-15 seconds duration. Irregular motion like a swarm of bees.
4	7/4/47	Emmett, ID	8:04 PM. Airline pilot and crew saw two groups (5 and 4 in number) of objects in loose formation. Objects were thin and smooth on bottom and rough on top. Silhouetted against sun. Visible for ten minutes.
5	7/6/47	Fairfield-Susan AFB, CA	Daylight. 60 seconds. SE course at high speed. Rolled from side to side. One side was highly reflective. The other was not.
6	7/8/47	Muroc AFB, CA	9:30 AM PDT. Two to four silver disc-like or spherical objects. Estimated duration 30 minutes. Traveled NW direction. Performed a tight circle maneuver.
7	7/29/47	Hamilton AFB, CA	2:50 PM PDT. Unidentified object following P-80 traveling at high speed. Second object appeared moving left to right over the first object. Both objects continuing their maneuvering until they went out of sight. Course was 120 degrees. Duration 15 seconds.
8	8/13/47	Twin Falls, ID	1:00 PM MST. Inverted pie plate. Flew East to West. Went over hills and hollows in canyon. Exhaust flames. Father and two sons (eight and ten). Visible only momentarily (seconds?).
9	10/14/47	Phoenix, AZ	12:00 PM MST Visible 45-60 seconds. Red against blue sky. Black against clouds. NW to SE course. Resembled a flying wing.
10	4/5/48	Holloman AFB, NM	Daylight. Object completed large loop after downward descent and then soared upward and disappeared. Visible 30 seconds. Another object made three loops and arced towards the west and disappeared.
11	7/29/48	Indianapolis, IN	9:55 AM. Broad propeller shaped object. Passed in front of truck crossing a bridge in a descent to the south. Appeared to go to ground but could not be located. Brief sighting.
12	7/31/48	Indianapolis, IN	8:25 AM. Cymbal shaped object visible for 10 seconds. Moved rapidly to the east.
13	10/15/48	Kyushu, Japan	11:05 PM. F-61 Six targets tracked on radar in aircraft. F-61 attempted to intercept but failed to each time as objects evaded pursuit. Only one object seen visually and it was just a silhouette. Ground radar only showed aircraft.
14	12/3/48	Fairfield-Susan AFB, CA	8:15 PM. Object sighted by tower personnel. It approached tower, passed by the tower, and then climbed up out of sight. Duration 25 seconds.
15	1/1/49	Jackson, MS	5:00 PM. Observed for 10-12 seconds. Witness in aircraft flying towards the NW. Object seen below the airplane's horizon. Gradually climbed above airplane's altitude. Flew westward and disappeared to SW. Color dark blue or black. Looked like target sleeve.
16	1/27/49	Cortez, FL	10:20 and 10:27 PM. Visible 25-30 minutes. Bright object seen with binoculars. Two observations of one object each. First observation moving south to north. Second object moving from north to south and then turned west. Disappeared at 10:30PM. Saw windows on cucumber-shaped object. Saw sparks and flames from object(s) similar to burning log.
17	3/17-19/49	Kileen Base, Camp Hood, TX	3/18 7:30 PM Yellow light seen. 7:47 PM Three yellow and one red light visible. 7:55 PM More lights seen in same area as 7:47 PM. 3/19 12:48 AM More blinking lights seen.
18	4/3/49	Dillon, MT	11:50 AM. Saw disc to the north of Dillon. Rocking and rotating in a semi-circular motion. Bright on upper side reflecting sunlight. After rocking back and forth six times, proceeded easterly and descended. It then move southwesterly to a position west of Dillon. It then rocked again and the proceeded NE of Dillon. It continued rocking motion and disappeared over the mountains east of Dillon. Its motion was fast enough to blur the outline of the object.

19	4/4/49	Merced, CA	10:20 PM. 35 seconds duration. Seen in the east. Moved Slowly in NW direction and then turned to the SW. Object "clicked". Disappeared when clicking noise stopped.
20	4/24/49	Arrey, NM	10:30 - 10:35 AM. Viewed through theodolite while tracking balloon. Elliptical object approximately 12 minutes of arc across. Visible approximately 60 seconds. Speed of 5 degrees/second. First seen at 210 degrees azimuth 45 degrees elevation. Moved in an arc northward. Disappeared at 20-25 degrees azimuth and 25-29 degrees elevation.
21	4/28/49	Tuscon, AZ	5:45 PM (0145Z). A very large sausage shaped object seen NE of Tuscon reflecting the sun. Elevation angle 30 degrees. Traveled towards SW. Faded from view after 12 minutes in the SW. Second observer saw the object at 5:30 PM. Visible at elevation angle of 60 degrees in NE. Moved towards the south over 30 minutes. Third observer saw object at 75 degrees azimuth at 5:45 PM. Moved in Arc towards SW over 40 minutes.
22	5/5/49	Fort Bliss, TX	11:40 AM. 30-50 seconds. Two oblong objects seen north of observer. Motion west to east. Faded in distance. Object passed through field of fire at Waco firing range.
23	5/6/49	Livermore, CA	9:35 AM (1735Z). Observer sighted two objects moving from SSE to NNW at a high rate of speed. Visible for five minutes. As they traveled, they rotated around each other. One went upward and left a gray trail before rejoining the other and resuming the circling of each other.
24	5/9/49	Tuscon, AZ	2:30 PM (2130Z). Two round, silvery, flat objects heading from SW to NE at a high rate of speed. Visible 6-10 seconds. Faded from sight.
25	5/27/49	Southern OR	2:25 PM. 5-8 Elongated ovals in file formation. Sun reflecting off of objects. Traveled from NE towards SSW. Faded into distance.
26	7/24/49	Mountain Home, ID	12:05 PM MST. Seven delta wing objects, in a three row formation of three abreast, flying below witness' aircraft at 10,000 feet. Initial flying to a heading of 300 degrees. Formation passed witness' aircraft and then made a 180 degree turn to a bearing of 120 degrees.
27	7/30/49	Mount Hood, OR	9:00-9:30 PM. Three lights (two red and one white) sighted hovering as aircraft approached Portland. Visible 30 minutes. After passing lights, pilot performed 180 degree turn in attempt to intercept. Lights went to the SE.
28	2/5/50	Teaticket, MA	5:10 PM. Two cylindrical objects seen to west. Fireball dropped from one object. Objects drifted apart and then together. Ten minutes after initial sighting, they rose and disappeared.
29	2/24/50	Albuquerque, NM	1:55 PM MST. Observed through theodolite. 110 degree azimuth and 20-23 degree elevation. Round but not spherical. Travel towards WSW at a speed of two degrees in 90 seconds.
30	3/3/50	Selfridge AFB, MI	11:05 PM EST. Yellow light observed descending at slow rate. Hovered for approximately one minute. Flew towards west about 50 miles, turned to south for a distance of 50 miles, and turned north for 50 miles. It then stopped and disappeared from view. This took 4 minutes to complete.
31	3/27/50	Motubu, Okinawa	1030 AM (0130Z). Visual observation was stationary for 10 minutes. Radar tracked object moving to bearing of 220 in 2 minutes covering 16.9 miles. No other radars tracked the object.
32	3/28/50	Santiago, Chile	3:15 PM. Between 1:10PM and 2:40PM, population was observing disc. SGT from embassy went onto roof and observed for one hour with binoculars and saw nothing until he saw object that moved from S to N in 5-10 seconds.
33	3/29/50	Marrowbore Lake, TN	7:00 AM CST. Witness, fishing on lake, saw 6-12 black, round objects appear from SE and circled hills in the west.
34	4/8/50	Kokomo, IN	2:00 AM. Saw grayish metal disc shaped like a "child's top" almost overhead. It had three small portholes on the rim with blue-white light. After two minutes of hovering, it moved towards the north.
35	4/14/50	Ft. Monmouth, NJ	2:30 PM. While driving NE to Ft. Monmouth, witness saw four objects in sky. They were flying towards the south. Each object was rectangular in shape. The objects flew in formation but each object shifted position in formation. Visible 3-4 minutes.
36	5/7/50	East Ely, NV	6:45 PM. Silvery white object hovering low for 10 minutes. It suddenly went up and disappeared in less than a minute.

37	6/27/50	Texarkana, TX	7:50 AM. One object moved from N to S in 4-5 seconds. Appeared spherical but later looked like two dishpans turned together.
38	7/13/50	Redstone Arsenal, GA	5:00 PM. Object observed 30 degrees to NE of bachelor's quarters. Appeared like two triangles joined together. Gave off brilliant light. Went to NW. Took a right angle turn and disappeared in less than 3 seconds.
39	8/4/50	North Atlantic	10:00 AM. Elliptical/cylindrical object moving NE. Visible between 15 and 90 seconds moving at high speed.
40	8/20/50	Nicosia, Cyprus	1:30 PM. Brilliantly lit round or elliptically shaped object going from overhead to the west. Duration 15-20 seconds. Disappeared 30-35 degrees above horizon.
41	8/24/50	Bermuda	0004Z. Distinct bright target on radar scope of B-29 traveling at same speed and direction of aircraft. Aircraft overtook the target, which assumed an in-tail position of the B-29. Target then overtook the aircraft and took a turn to the right. Disappeared from scope at 0024Z. No visual sightings of the target. A later observation by one of the observers appears to have been a meteor.
42	8/30/50	Sandy Point, Newfoundland	1630-1650Z. Observed a submarine or a barrel with a periscope/pole 15-20 feet above the water. It was moving at 3-5mph. After 5 minutes it ascended and moved over the horizon.
43	9/3/50	Spokane, WA	2:00 PM. Three objects appeared from NW. All three object acted independently and erratically. Two departed and one remained after 2-3 minutes. The third object climbed and disappeared. All disappeared towards Fairchild AFB. Objects were flat, pan-cake-shaped.
44	9/21/50	Provincetown, MA	Radar tracking two F-84s and saw a third target flying a course close to them. The unidentified target went ahead of the aircraft. The pilots were alerted but saw nothing. The target made a turn and closed with the F-84s. The pilots still saw nothing. The target proceeded towards Cambridge and operators lost track of it.
45	10/15/50	Knoxville, TN	3:20 PM. Bullet-shaped object descended with streamer trailing behind it. Object leveled off and was parallel to horizon. It passed close to witness. They attempted to approach it but it went to the southeast ascending to avoid obstacles. It went over a hill and disappeared. When in the distance, it appeared bladder or pear shaped.
46	10/23/50	Bonlee, NC	12:42 PM. Dirigible shaped object moving SE to SSE. Visible 40 seconds. It hovered for 35 seconds.
47	11/5/50	Oakridge, TN	11:55 AM. Shape changing gray object with a rapid darting motion in a specific area of sky at a bearing of 305 degrees. Visible 5-10 minutes.
48	12/6/50	Fort Myers, FL	5:00 PM One object hovered for seven minutes and then proceeded NW.
49	1/8/51	S. Of Fort Worth, TX	11:45 PM. Group of three triangular objects each with one red and two green lights over highway. Another group to east and another group to west. Lights over highway moving northward towards Fort Worth. Sounded like outboard motor trolling. Visible 5 minutes.
50	1/12/51	Ft. Benning, GA	11:01 AM. Very bright star-like object almost overhead. Hovered for 20 minutes Departed at high speed towards the SE leaving a fan shaped wake.
51	1/20/51	Sioux City, IA	8:20 PM. Bright light observed west of airport. Aircraft taking off noted object and, as they passed to the south, it flew formation with them. Aircraft returned to airport from SE. Pilot reported object was pacing his craft and then went towards the east. Object then overtook the aircraft, flying underneath it towards NW, where it disappeared at 8:34 PM.
52	2/1/51	Johnson AB, Japan	5:10 PM. F-82 heading 90 degrees. An amber light was seen at the 11 o'clock position. When aircraft turned left, light turned left. Aircraft made 3-4 360 turns and light was always off left wing tip. Light then moved to 2 o'clock high position. At this point the F-82 turned south to 180 degrees. The light then moved to 12 o'clock position. It approached F-82 but rose and decreased in size.
53	2/26/51	Durban, South Africa	4:55 AM. Red torpedo shaped object traveling towards the bluff parallel to the ground. Visible for about a minute.

54	2/26/51	Ladd AFB, AK	8:10 AM. Airmen on guard duty saw oblong aircraft without wings at 80 degrees elevation. Hovered over airbase for 45 seconds and proceeded South. 90 seconds total observation time.
55	3/13/51	McClellan AFB, CA	3:20 PM. Witness driving west in vehicle near AFB. Saw cylindrical object, with two tails attached, in the direction of Sacramento. It then traveled north at high speed and disappeared. Total duration 2 minutes.
56	3/15/51	New Delhi, India	10:20 AM. Cigar shaped object came out of north and flew over airfield. When south of the airport, the object turned north in a loop. Climbed and then dove down over the airfield before proceeding SW at very high speed. Duration 7 minutes. It left an exhaust trail that lasted over 20 minutes.
57	8/25/51	Albuquerque, NM	9:58 PM. Large object, like a flying wing, flew over in SSE direction. Glowing white lights with black strips on bottom of wings. Visible about 30 seconds.
58	8/31/51	Matador, TX	12:45 PM. Pear-shaped object, with small port on side, hovering in front of car. Ascended rapidly towards east in circular pattern. Object appeared to have taken off from area used by crop dusting aircraft.
59	9/6/51	Claremont, CA	11:20 AM. A group of six orange colored objects were seen west of observer on course of 280 degrees. Second object then seen with same course. Total duration 3-4 minutes.
60	9/13/51	Goose AFB, Labrador	9:00 PM. Two radar targets tracked. No visual observations of the contacts. (False contacts?)
61	10/2/51	Columbus, OH	6:00 PM. Saw a flash to the west. Glowing orange faded and diminished in size over a period of a minute.
62	10/3/51	Kadena, Okinawa	10:27 PM. Radar tracked object at speeds up to 4800 mph 90-200 miles from radar moving in northerly direction. No visual confirmation of target.
63	10/9/51	Terra Haute, IN	1:42 PM. Silver object seen overhead that flew a straight path towards SE horizon in 15 seconds.
64	10/10/51	St Croix Falls, WI	10:10 AM. While approaching balloon in aircraft, saw an object going from East to West. It climbed to an angle of 50-60 degrees and then made sharp turn to SE. It accelerated and disappeared. Duration 2 minutes.
65	10/11/51	Minneapolis, MN	6:30 AM. While observing grab bag balloon from aircraft, a bright glowing object was seen to SE. Object moved from East to West at a high altitude and high speed. Object had halo around it and slowed down. It climbed and began to fly circles slowly. It then accelerated rapidly and disappeared in the east. Duration 5 minutes. A second object was seen going eastward shortly after the first object disappeared.
66	11/24/51	Mankato, MN	3:53 PM. Flight of two F-51 aircraft, flying west, observed a saw a small white object shaped like a flying wing that was traveling eastward. Visible only 5 seconds. Only one pilot of flight observed object. A 180 degree turn by the flight failed to locate the object.
67	12/7/51	Oak Ridge, TN	8:15 AM. White and gray square-shaped object sighted rising into base of cloud layer. It descended and then rose again into clouds. Two minute duration.
68	1/16/52	Artesia, NM	9:30 AM. While observing a research balloon, a round object was observed in the vicinity of the balloon. A short time later two objects were observed approaching the balloon from the NW. They circled it and the flew off to NE. Duration of second sighting was 40 seconds.
69	2/23/52	Sinuiju, North Korea	11:15 PM. Navigator of B-29 saw cylindrical object, with bluish gaseous exhaust trail, climbing at 45 degree angle. Object leveled off and approached the B-29. After 15 seconds, it descended and passed under the B-29 before disappearing. Total duration 45 seconds.
70	3/24/52	Point Conception, CA	8:45 PM. Airborne APQ-13 radar tracked object going NW. No visual confirmation. Object tracked 20-30 seconds. Calculated speed 3000 mph.
71	3/29/52	Misawa AFB, Japan	11:20 AM. T-6 and two F-84s practicing combat. Small shiny disc-shaped object pulled abreast of T-6. It then appeared to make a pass at an F-84. The F-84 pilot did not see object. Object then attempted pass at T-6. Shot away in a steep vertical climb.
72	4/5/52	Duncanville, TX	7:30 PM (Apr 4). Radar target tracked towards the NW at a speed of 2160 mph.
73	4/5/52	Miami, FL	9:15 PM. Four circular dark shapes passed in front of the moon.

74	4/6/52	Temple, TX	2:59 PM. 50-75 objects in circular formation about the size of the moon moved from NNW to NE over a period of three and a half minutes. Every 12-15 seconds, the objects in formation would occasionally flash/tilt.
75	4/12/52	North Bay, Ontario	9:30 PM. Round amber object approached from south and slightly east traveling at high speed. Disappeared to the north.
76	4/14/52	LaCrosse, WI	12:35 PM. Several light colored objects in "V" formation heading NW.
77	4/14/52	Memphis, TN	6:34 PM. One bright, inverted bowl-shaped, object, leaving a red glowing trail, passed aircraft at rapid speed heading NW. Visible 45-60 seconds.
78	4/15/52	Santa Cruz, CA	7:40 PM. 2 faint ovoid objects traveled from south to north in 6-8 seconds.
79	4/17/52	Yuma Test Station, AZ	3:05 PM. Circular object traveled from zenith to horizon in 7 seconds. Had an intermittent vapor trail.
80	4/18/52	Bethesda, MD	1:30 AM. V formation of 7-9 orange-yellow lights traveling south to north. Visible 4-8 seconds.
81	4/18/52	Corner Brook, Newfoundland	4:00 AM. Awakened by dogs barking. Looking out window, saw bright yellow-gold object to north approaching. Object then turned towards the NE and disappeared after 1 minute.
82	4/18/52	Japan	12:07 PM. Target tracked on radar for two minutes going from ESE to NNW. Estimated speed 2700 mph.
83	4/18/52	Corner Brook, Newfoundland	10:10 PM. Round blob of yellow light sighted hovering in the smoke above a paper mill. After a minute, the object emerged from the smoke and flew towards the east at a high rate of speed. Total duration 90 seconds. A few minutes later, a bright object came from the east and reached a point where it made a 180 degree turn and returned to the east.
84	4/22/52	Okinawa	9:00-10:00 PM. Object seen flying from east to west beneath overcast. One minute later, two more objects seen flying in similar manner on same route. Five minutes later two more objects repeated the path. Each pass of objects took 5-10 seconds to travel east to west. The objects were elliptical and had a bright white light that blinked at regular interval of one-two seconds.
85	4/24/52	Bellevue Hill, VT	5:00 AM. Three objects in loose finger-tip formation to the East of aircraft. They followed aircraft 2 to 3 minutes and then disappeared. Objects then reappeared to the NE five seconds later. Remained in sight one minute before disappearing.
86	4/24/52	Milton, MA	2:30 PM. Observed two flat flexible square-shaped objects with BC scope for 90 seconds. Ascended, flew level, and ascended again. Flew in easterly direction and disappeared from sight.
87	4/24/52	Clovis, NM	8:10 PM. Many individual lights flying separately or as a group in a SE direction over a five minute period.
88	4/27/52	Roseville, MI	4:15 PM. Observed round silver object high in the NE sky. Two other silver cylindrical objects were then seen in the same area of the sky. While observing these objects another object rapidly crossed the sky from NE to NW. At 5:00 PM, the round object ascended rapidly and the two cylindrical objects departed rapidly to the east and west.
89	4/27/52	Yuma, AZ	8:30-10:30 PM. 7-8 objects seen going from NE to SW and emitting a fiery red glow over a two hour period.
90	4/29/52	Marshall, TX	3:30 PM. Heard sound of aircraft and looked up to see white object at high altitude flying in a NW direction very fast. Faded out of sight after 90 seconds.
91	5/1/52	Moses Lake, WA	5:32 AM. One silver object moving at fairly slow speed towards NW for 90 seconds.
92	5/1/52	George AFB, CA	10:50 AM. Five elliptical objects seen moving from the southeast towards the north for 30 seconds.
93	5/5/52	Tenaflly, NJ	10:45 PM. Traveling east in vehicle when lights seen inside car. Witness stopped car and saw six or seven cream-yellow colored objects to the west. Some were translucent and others were dumb bell-shaped. One flying in a ellipse while the others moved about. Objects disappeared after 4-5 minutes.
94	5/7/52	Keesler AFB, MS	12:15 PM. Ten aluminum or silver colored, cylindrical-shaped, objects flying towards the SE for 5-10 minutes. Objects moved in and out of clouds with only one visible at a time.

95	5/9/52	George AFB, CA	5:20 PM Arrow shaped object flying straight and level for 10 seconds. Disappeared in the south.
96	5/14/52	Puerto Rico	7:00 PM Two bright, orange colored, stationary objects were observed off the coast. When viewed with field glasses they appeared to move about. Visible for 30 minutes.
97	5/20/52	Houston, TX	10:10 PM. Bright orange light moving towards witnesses. First seen at a 45 degree angle in the north. The object traveled south for 90 seconds before turning towards a 300 degree bearing. Faded into distance.
98	5/28/52	Saigon, Indo China	10:30 AM. Round, white-silver colored, brilliant object moving in and out of clouds. It moved in a straight line at great speed. Visible for two minutes. Observed to the south at 45 degrees elevation.
99	5/28/52	Albuquerque, NM	1:45 PM Three pinkish colored objects in trail formation in NE quadrant of sky. Moved towards observers and then rose in a sharp clockwise circle. Disappeared due to extreme altitude. 2:00 PM Two more orange objects were seen moving from NE to NW. 2:40 PM. Single object flew from NE to SE at high altitude.
100	6/1/52	Rapid City, SD	6:00 PM. Five or more objects in box-like formation, with leader in front, traveling south for 15-20 seconds.
101	6/1/52	Walla Walla, WA	1:00 PM. Small oval object with "airfoil" moved from southeast to east climbing rapidly. Duration 7 seconds.
102	6/1/52	Soap Lake, WA	3:45 PM. Three objects flying east and disappeared after 10 minutes.
103	6/5/52	Lubbock, TX	11:00 -11:45 PM. Eight spherical objects seen over a period 45 minutes. Six of the eight were seen singularly. Two were seen as a pair in trail formation. Seven of the objects appeared in the north and disappeared in the south after one and a half to three minutes. One object flew south to north.
104	6/5/52	Albuquerque, NM	6:45 PM. One round object flying from nearly overhead towards the northern horizon in 7 seconds.
105	6/5/52	Offutt AFB, NE	11:00 PM Sighted bright red light hovering in SSW. After four to four and a half minutes, it proceed southward at a high rate of speed. It disappeared in 2-3 seconds trailing a short tail.
106	6/6/52	Kimpo AB, Korea	8:42 AM. Round, silver object traveling SE. It rotated once every seven seconds. It approached the field for three minutes. It then rose and turned towards the ENE. After passing near the sun, it was picked up again moving back and forth for 30 seconds before disappearing. Total duration estimated at 4 minutes.
107	6/6/52	5 miles NNE of Minneapolis, MN	8:45 PM (June 5). 20 red to white objects sighted within 3 minutes. They were in trail formation flying in groups of four or five spaced 1-3 seconds apart. Course was from south to north.
108	6/7/52	Albuquerque, NM	11:18 Object passed near B-25 at an altitude estimated to be 500 feet below the aircraft. It traveled from 60 to 120 degrees relative to the aircraft. No duration.
109	6/8/52	Albuquerque, NM	10:50 AM. Four objects in diamond shaped formation traveling from north to southwest. No duration.
110	6/9/52	Minneapolis, MN	Case file missing. Sparks and Berliner did not locate either.
111	6/12/52	Fort Smith, AR	7:30 PM. Glowing object sighted traveling from the north to the west leaving a trail behind it. Observed for approximately 20 minutes.
112	6/12/52	Marrekech, Morocco	11:26 AM. Aerial object tracked on radar at an altitude above 60,000 feet. It was heading towards 180 degrees and shifted course to 165 degrees. Speed measured at 652 knots.
113	6/13/52	Middletown, PA	8:46 PM. Orange round object went south, paused one second, went east, paused one second and then proceeded downward to the horizon in the ESE. Observation period was 10 minutes.
114	6/15/52	Louisville, KY	11:50 PM. Cigar-shaped object lighted on both sides maneuvered over the area for 15 minutes. Disappeared to the northeast.
115	6/16/52	Walker AFB, NM	8:30 PM. 5-6 objects in formation moving from south to north in less than a minute.
116	6/17/52	McChord AFB, WA	7:30-10:20 PM. Multiple observers reported seeing objects during this time period. The number varied between 1 and 5. General consensus on flight path was from ESE to ENE. Durations varied up to 15 minutes.

117	6/17/52	Cape Cod, MA	1:28 AM. Pilot sighted bright star-like object moved from SSE to SSW and faded from view after 15 seconds.
118	6/19/52	Goose AFB, Labrador	2:07 AM Red object traveling in a wobbly path from NE to SW in one minute. Target tracked on radar to east unrelated to visual sighting.
119	6/19/52	Yuma, AZ	2:00 PM Object moving from West to East in 10 seconds. Crossed in front of sun.
120	6/20/52	Korea	3:03 PM. Oval object seen from F4U aircraft on ground support mission. It approached from the south, made a couple of left-hand orbits, and headed east. One aircraft attempted to pursue but it was too fast and pulled away rapidly.
121	6/21/52	Kelly AFB, TX	12:30 PM. Arrow-shaped object with oval trailing edge and trailing red sparks made a vertical descent off of the right wing of B-29. Seen for 1 second.
122	6/22/52	Korea	10:45 PM. Orange object coming from the north over airstrip. Object descended trailing a bright red flame to a point over the west end of the airstrip in 2-3 seconds. It went west and hovered over hills where it performed a 180 degree turn in 45-60 seconds. It then emitted bright flash and headed east where it produced another flash and disappeared.
123	6/23/52	Spokane, WA	4:05 PM. Round object flashing and gyrating. Traveled from ESE to NNE in 5-7 minutes.
124	6/23/52	McChord AFB, WA	9:00 PM. Yellowish-white light flew from south to north in 10 minutes.
125	6/23/52	Kirkville, MO	7:30 PM. Radar target NNW and 90 miles distant. Object went 120 miles in 2 minutes along the same bearing.
126	6/23/52	Oak Ridge, TN	3:30 AM. Dark gun metal object with burnt-orange exhaust going from the SW horizon to the zenith in 30-60 seconds. Appeared and disappeared suddenly.
127	6/23/52	Near Owensboro, KY	10:00 AM. Individual looked up after hearing jet noise and saw two round objects that looked like soap bubbles. They were yellowish-lavenderish color. The two objects proceeded north in trail and vanished in five seconds.
128	6/25/52	Tokyo, Japan	This appears to be a collection of thirteen radar tracking reports between 1951 and 1952 in the far east region. See IR-29-52.
129	6/25/52	Chicago, IL	8:30 PM - 10:00 PM. One Bright yellow to white light with occasional red tail traveling in large continuous circle at slow speed. One observer stated it was to the west. Another observer stated it was to the NW. Object disappeared to SW.
130	6/25/52	Japan, Korea	Could not locate file. Neither could Berliner or Sparks. I suspect this is possibly the same as the Tokyo, Japan file on same date, which was a collection of radar reports from the region.
131	6/26/52	Pottstown, PA	10:00 - 10:30 PM. Five objects flying a course of 120 degrees. Two pairs separated by 15 minutes followed by a single object which was also separated from the second pair by 15 minutes. One light in each pair was a steady light the other was flashing. The last light was flashing. Estimated speeds were 150-250 mph.
132	6/27/52	Topeka, KS	6:50 PM. One brilliant red light hovering and pulsating due south of Topeka. Disappeared after 5 minutes.
133	6/28/52	Lake Koshkonong, WI	6:00 PM. White object traveling on a SW course. Object performed a 180 degree turn when aircraft approached and the disappeared. 10 second duration.
134	6/28/52	Nagoya, Honshu, Japan	1:10 AM. Pulsating elliptical dark blue object moving from SW to NE. Speed slightly faster than a jet. Disappeared in clouds. No duration.
135	6/29/52	O'Hare Airport, Chicago, IL	5:45 PM. One bright, silver-colored, oval object observed for 45 minutes. Object went southwest and then north before returning to original position. Object vanished at end of sighting.
136	7/3/52	Selfridge AFB, MI	4:15 AM. Two circular objects traveling east for 7 seconds.
137	7/3/52	Chicago, IL	(6/28/52) 11:50 PM CDT. Two bright green objects traveling west leaving trails. Viewed through a window. Visible for 5-6 seconds.
138	7/9/52	Colorado Springs, CO	12:45 PM. One white object shaped like one-half of an airfoil that cork-screwed as it flew slowly northwestward over a twelve minute period.
139	7/9/52	Kutztown, PA	6:30 PM. Came right out of sky in southwest, headed east, and disappeared. Visible 20 seconds Photographs by John Mittl show blurry disc.

140	7/9/52	Rapid City AFB, SD	3:30 - 3:40 PM. Object traveled from SW to NW side of airbase and hovered erratically for 3-4 minutes before disappearing. In another sighting, One object going south to north. One minute later a second object was sighted along the same route. One minute later a third object was sighted along the same route. All took about 5 seconds to go across the sky.
141	7/12/52	Annapolis, MD	3:30 PM. Four objects abreast approached transport aircraft flying south. Within 4-5 seconds, they rapidly caught up with the aircraft and then stopped for a second, performed a right angle turn, and resumed their flight to the south. They disappeared 3 seconds later.
142	7/13/52	Kirksville, MO	0300Z (9PM July 12). Unidentified object tracked going SE at 1500 knots. No visual confirmation.
143	7/14/52	Norfolk, VA	8:12 PM. Nash-Fortenberry sighting. Six round amber-red objects approached aircraft in echelon formation from 240 degrees (heading 60 degrees). The group changed direction 150 degrees. Two more objects joined up and formation departed at a heading of 270 degrees. Their light appeared to increase and decrease in brightness depending on their speed/power applied.
144	7/15/52	West Palm Beach, FL	10:10 AM EST. Object came from NW and paused above an aircraft before proceeding SE. Duration 90 seconds.
145	7/17/52	White Plains, NY	3:10 PM. Witness heard whistling sound and saw two objects, connected by a bar, traveling from NW to SE for 60 seconds. Object made right angle turn and disappeared.
146	7/17/52	Rapid City, SD	10:00 PM. 12-14 orange-colored discs in two V-shaped formations traveling towards the east. Visible for 5-6 seconds.
147	7/18/52	Lockbourne AFB, OH	10:10 PM EST Egg-shaped object with flame coming out the rear sighted at 260 degrees azimuth and 30 degrees elevation. Traveled in straight line towards east giving bursts of flame every three seconds. Disappeared at 90 degrees azimuth 25 degrees elevation. Visible 90 seconds.
148	7/18/52	Miami, FL	11:00 AM. Heard sound of aircraft and looked up to see round silver object going from west to east to the south. After ten seconds the object disappeared in the east.
149	7/18/52	Patrick AFB, FL	9:45-10:30 PM. Multiple objects sighted. Two objects traveling at high speed from east to west. One object came from the south at slow speed, stop, and reverse its direction. A fourth object came from the west, approached the field and made a 180 degree turn to return to its original position.
150	7/19/52	Williston, ND	2:55 AM CST. Elliptical-shaped object with fringe similar to eclipse to NE approached witness. Object performed 360 degree turn and then 180 degree turn. Disappeared in NE. Light reflected on cloud bank to north. Duration 5 minutes.
151	7/19/52	Elkins Park, PA	11:35 PM EST. Two lights observed overhead in trail formation heading towards the NNE. Objects performed circling/accelerating maneuvers for 6 minutes before disappearing about halfway between the zenith and horizon.
152	7/20/52	Lavalette, NJ	12:20 - 12:25 AM. Two yellow-orange star-like objects came from south and traveled northward. When east of the observers, the two objects turned to the west. As the objects passed to the north of the observers, the objects turned towards the south. One of the objects faded and the other object proceeded westward and disappeared. Total duration was 5-6 minutes.
153	7/21/52	Weisbaden, Germany	19:25-19:40Z. Four bright yellowish-white objects traveling from NNW to SSE. As they approached the position of the observer, they split up. Two climbed, one went east, and one went west. The one that went east disappeared but the other three remained visible for 15 minutes.
154	7/21/52	Randolph AFB, TX	4:30 PM. Elongated fuselage-shaped object flew in straight line from NW to SE and then made right angle turn straight up and out of sight. Duration 3-5 seconds.
155	7/21/52	Holyoke, MA	(7/22/52) Shortly after midnight. Orange-Yellow round object flashed downward from west to NW. Duration described as being only long enough for other witnesses to see it once the primary witness saw it and alerted the others.
156	7/22/52	Rockville, IN	8:10 PM. Aluminum or silver, triangular-shaped object going from SW to NE in three minutes. As it moved north, it stopped for about 30 seconds and then went north.

157	7/22/52	Uvalde, TX	2:46 PM. Large, round, silver object traveling from east to southwest in a gyrating motion. Disappeared behind cloud after 45 seconds.
158	7/22/52	Los Alamos, NM	10:50-11:15 AM. Approximately eight elliptical objects visible to the southwest. While viewing with binoculars, each object moved about in various directions. They eventually disappeared over a twenty-five minute period.
159	7/23/52	Pottstown, PA	1340Z Pear-shaped object with two or three square shaped objects hanging beneath it on a cable moving west. Visible 35-40 minutes by F94 aircraft. Small object circling main object for 1-4 minutes.
160	7/23/52	Boston-Provincetown, MA	10:47 PM EST (July 22). Two flickering white light and blue circle lights flew by three F-94s heading east. One F-94 turned and gained altitude to pursue object. Saw visually for about 30 seconds and obtained radar lock for four minutes. After igniting afterburner and closing within 3000 yards, the object conducted a hard turn right and radar broke lock. Aircraft did not gain contact.
161	7/23/52	Altoona, PA	12:50 PM EDT. Three UFOs stacked vertically visible for 20 minutes seen by two F-94 aircraft. No indication of what happened after 20 minutes.
162	7/23/52	Trenton, NJ	0350Z - 0545Z. 14 different visual sightings and one radar sighting by two F-94 aircraft. Sightings involved rapidly moving bluish-white lights.
163	7/23/52	South Bend, IN	11:35 PM. Two Bright blue lights traveling south for nine minutes. At the end of their trajectory, the rearward light turns towards the west.
164	7/24/52	Carson Sink, NV	3:40 PM Three silver-white arrow-shaped objects visible for 3-4 seconds. Objects passed in front of aircraft in a bank. Moved from one O'clock position to aircraft (heading 230 degrees) to the left side of aircraft before disappearing.
165	7/24/52	Travis AFB, CA	10:15 PM PDST. Reddish glowing object, much larger than a star, with halo hovered at an elevation of 5-20 degrees in the SSW. Moved towards west after four minutes. Disappeared after one minute. Duration 6 minutes.
166	7/26/52	Kirtland AFB, NM	12:05 AM. Eight to ten orange colored lights in a triangular formation, to the north, traveled rapidly from west to east. Visible for 3-4 seconds.
167	7/26/52	Williams, CA	1:15 - 2:20 AM. One spherical orange object with a perpendicular tail suspended beneath it. Moved about in an uneven pattern at a bearing of 45 degrees and five degrees above the horizon. F-94 sent to intercept. Achieved three radar locks around 2:00 AM. Radar contact faded.
168	7/27/52	Selfridge AFB, MI	10:05 AM. Five individual silver-white objects seen spread out over a period of 15 minutes traveling at high speed from overhead or north to south in 20-30 seconds.
169	7/27/52	Wichita Falls, TX	8:30 PM. Two disc-shaped objects glowing with phosphorescence moving across the sky, came to a complete stop, made a half circle and then flew towards the SE. Duration was 15 seconds.
170	7/28/52	Heidelberg, Germany	10:20 PM. Saucer shaped object seen in the east emitting shafts of light. After 4-5 minutes, made a right angle turn, ascended, and disappeared.
171	7/28/52	McGuire AFB, NJ	6:00 AM. Multiple targets appeared on radar scope in various directions. Tower sighted one object they could not identify that approached from the NE, turned, and departed to the NE.
172	7/29/52	Osceloa, WI	1:30 AM. Objects tracked on radar over a one hour period. One target tracked at 600 knots. The remainder of the targets were sightings of groups of targets moving at about 50-60 knots in an easterly direction. F-51 sent to intercept. They reported objects at 125,000 feet that had some correlation with the radar contacts.
173	7/29/52	Langley AFB, VA	7/26/52 2:30 PM EST. Radar detected object coming from south at a speed of 2600 mph for two minutes. Target disappeared as it approached within 8 miles of air base. 7/26/52 2:50 PM EST. Radar detected object moving away from Langley AFB to the east at high speed for four minutes.
174	7/29/52	Merced, CA	3:44/4:35 PM. Heard noise like jet fighter and looked up to see dark round object to SE. Object dove and then stopped. It then made two slow circles to the left before departing at high speed to the NNE. Total duration was two minutes.
175	7/29/52	Wichita, KS	12:35 PM. Bright, white, circular object moved from NW to SE in 10-15 seconds.

176	7/29/52	Ennis, MT	2:00-3:00 PM. Dark colored object hovering over mountains to the NE formed up a cloud around itself. Three smaller objects then came out of and then disappeared behind the cloud. Then a formation of five objects came out of the cloud and each formed their own cloud before disappearing into the first cloud. After thirty minutes, another cloud formed to the W and the same phenomena was observed. 8mm film camera recorded event (either lost or never submitted for evaluation).
177	7/30/52	San Antonio, TX	10:00 AM CST. A round luminous disc hovered overhead increasing altitude when aircraft approached and returning in altitude. After 30 minutes, object left at tremendous speed.
178	8/1/52	Lancaster, CA	11:14 PM PDT. Two yellow-white lights observed in south sky 20 degrees elevation above southern hills. Pair went west descending to five degrees above the horizon. One of the two then returned to its original position before fading from view. The object in the west remained in the west and descended to the horizon after 14 minutes.
179	8/4/52	Phoenix, AZ	1:20 AM MST. One glowing orange object seen to NW traveled to NE in five minutes. 2:20 AM MST. One long narrow shaped object moving from NNE to West in five minutes.
180	8/4/52	Mount Vernon, NY	11:37 AM EST. On round object with hole in bottom and smoke coming out of top flying north to south leaving a blue exhaust trail. Traveled 15 degrees of arc in 90 seconds. Visible for two hours.
181	8/6/52	Belleville, MI	I could not locate this case. Brad Sparks states "Military witness(es). (Sparks; NARA)" and nothing else. I suspect it is a duplicate of Port Austin since they happened on the same date and are near each other (roughly 80 miles apart). Both are radar sites. The message for Port Austin mentions Belleville.
182	8/6/52	Port Austin, MI	11:19 AM CST. Multiple radar contacts tracked at speeds up to 1200 mph.
183	8/7/52	San Antonio, TX	9:08 AM CST. Four round objects performing erratic maneuvers for 70 minutes. One came from west, did a U-turn and disappeared. The second came from the north heading south. It accelerated and disappeared. The third object also appeared from the north and moved slowly south. The fourth object appeared in the north and passed the third object. It made a large circle and headed east, disappearing near the sun.
184	8/9/52	Lake Charles AFB, LA	1:50 AM CST. One round shaped object moving from north to south, stopped to hover for two seconds over the base and disappeared in the west. Cloudy sky conditions.
185	8/13/52	Tokyo, Japan	8/10/52 9:45 PM. Flare plane saw orange light orbiting left to the east, heading west. Spiraled down in altitude, stopped for 2-3 minutes, and disappeared.
186	8/19/52	Red Bluff, CA	2:38 or 2:47 PM. Two round objects headed from north to south in 10-25 seconds.
187	8/21/52	Dallas, TX	11:54 PM CST. Three blue-white lights hovered in the north for 2-3 seconds and moved downward before disappearing. About thirty second later, another light was seen moving downward and disappearing.
188	8/23/52	Akron, OH	4:10 AM EDT. Round orange light flew on a course from the west to ESE and disappeared over the horizon after seven minutes.
189	8/24/52	Hermanas, NM	10:15 AM MST. Pilot in F-84 heading east, at 35,000 feet, saw two silver balls at 10 O'clock and 11 O'clock position. They changed shape/color as they moved past observer. One made right turn in front of aircraft and disappeared. Second accelerated rapidly. Seen for 3 minutes. Seven minutes later, over El Paso, they were sighted again. One climbed rapidly and was joined by the second, which crossed in front of the aircraft. 10 minutes duration second sighting.
190	8/24/52	Tucson, AZ	5:40 PM MST. Round white light observed traveling from the north to west where it dimmed out and disappeared at 5:42 PM.
191	8/24/52	Levelland, TX	9:30 PM CST. Two "Top-shaped" objects observed. First object hovering for 20 minutes before taking three minutes to disappear to the NNW. One hour later, a second object was observed and repeated the same maneuvers. Objects changed colors red-yellow-blue.
192	8/25/52	Pittsburg, KS	5:35 AM CST. Object described as two elliptical platters placed face-to-face hovered above ground for 30 seconds. It then rose and disappeared in ten seconds. Object had window in front with the head and shoulders of a man visible in it. There were other windows visible on the object.

193	8/25/52	Delaware, OH	8:20 PM EST. Object seen intermittently to the south for 1 hour and 15 minutes. Seen through telescope by astronomer. Five lights were visible in cross formation. The bottom light was flashing red and the others were yellow. Moved 40 degrees of arc in 15-20 seconds. (Somewhat confusing was the speed of the object and the duration of observation)
194	8/25/52	Holloman AFB, NM	3:40 PM MST. Traveling in vehicle and saw object going fast in a southward direction. It then made a 360 degree turn, went north, rose through cloud, and conducted another 360 degree turn. Climbed straight up and out of sight. Seen for 3-5 minutes.
195	8/26/52	Lathrop Wells, NV	12:10 AM PST. One oval circle of lights traveling at high speed. Object appeared to momentarily halt its motion. Left V-shaped contrail. Duration 3-5 seconds.
196	8/26/52	Biloxi, MS	4:15 AM. Round reddish-orange object seen to the ESE. Appeared to be moving on ESE course. Object visible for 46 seconds.
197	8/27/52	Veracruz, Mexico	2:10 AM. A blue-green object flew at super sonic speed from NW to SW in eight seconds. Newspaper clipping with no formal investigation.
198	8/30/52	Tampico, Mexico	3:00 PM. Silver, oval-shaped object hovering to the north for five minutes before disappearing at dazzling speed to the north. Newspaper clipping with no formal investigation.
199	8/29/52	Colorado Springs, CO	8:35 PM. Three objects in trail formation with reddish-yellow exhaust on SE course. Disappeared after 4-5 seconds.
200	8/29/52	Coast of Greenland. 77N 75.15W	1550Z. 2 pilots in PB4Y2, while following a research balloon, saw three objects in a triangular formation that remained stationary relative to the balloon for two minutes. The objects then disappeared in five seconds by rapidly departing.
201	9/1/52	Yaak, MT	4:45-5:45 AM MST. Two or more colored lights to SE. Colors varied green-blue and then remained yellowish-white. Moved in erratic manner in small area. Black silhouettes at dawn. Duration 30 minutes. Radar contacts detected later determined to be ground targets recorded through a temperature inversion.
202	9/2/52	Chicago, IL	2:50 AM CST. Forty objects tracked on radar moving at 120-150 mph towards NW. Air traffic and interceptors could not see any targets visually. Targets all disappeared by 7:00 AM CST.
203	9/3/52	Tucson, AZ	9:00 AM MST. Dark, elliptically shaped object performed turns for about 90 seconds. 20-60 degrees above horizon. Made three sweeps parallel to horizon going from South to north, north to south, and south to north where it disappeared to the SW.
204	9/6/52	Tucson, AZ	4:55 PM MST. A bright orange tear-drop shaped object descended and ascended in the southeast for 2.5 minutes before disappearing.
205	9/7/52	San Antonio, TX	10:30 PM CST. Orange-red object seen to flare up and fade out for 20 seconds in the northwest at 30 degree elevation. Other observer saw the object to the east for 3 seconds.
206	9/7/52	San Antonio, TX	Berliner does not list a second case on this date. Sparks lists it but gives no information about the case. The 10:30 PM sighting included two different observers. This may be a duplicate or the second set of witnesses.
207	9/9/52	Rabat, French Morocco	Between 2100 and 2110Z. Arc-shaped formation of 8 disc-shaped objects/lights headed NW and then turned west to SW in 5 seconds before disappearing.
208	9/14/52	Santa Barbara, CA	8:40 PM. Blue white object traveling at high speed for 30 seconds. Rose before disappearing.
209	9/14/52	Operation Mainbrace	2113Z (2213A). Three objects in a triangular formation traveling at high speed towards a bearing of 320 degrees. Shifted direction to 240 degrees in 5-10 seconds. Additional sighting from destroyer appears to have been a meteor.
210	9/14/52	White Lake, SD	7:00 PM CST. Reddish stick/cigar visible in west. Three puffs of smoke or vapor visible a short distance behind it. Moved west and veered south. Disappeared after 30-40 minutes.
211	9/14/52	El Paso, TX	11:30 PM MST - 1:20 AM MST. Eight formations of lights observed over this period of time moving over the city. The durations were described as measured in seconds and the directions varied.
212	9/14/52	Olmstead AFB, PA	3:35 AM EDT. Personnel heard noise and saw brilliant blue object move from NW to South. Visible 3-4 minutes.

213	9/16/52	Portland, ME	7:45 PM EDT. 2 objects sighted visually by P2V aircraft in southerly direction. Upper object was dark. Lower object had 4-5 lights. Objects tracked with APS-31 radar. Followed for 20 minutes until objects reached Portsmouth, NH at 8:05 PM.
214	9/16/52	Warner Robins, GA	7:30 PM EST. Two white colored lights moving from NE to SW. Duration 15 minutes.
215	9/17/52	Tuscon, AZ	11:38 and 11:40 AM MST. Two formations of three objects each observed. First formation headed NW at slow speed. The second formation traveled to the SW at a faster speed. Both formations were visible for one minute each.
216	9/23/52	Gander Lake, Newfoundland	A bright light moved slowly towards the direction of Gander airport in the East. Duration 10 minutes.
217	9/24/52	Charleston, WV	3:30 PM CST. B-29 flew through a cloud of metallic particles for 10-15 minutes. No damage to plane.
218	9/26/52	Atlantic	1:16Z. Two green to white lights blinking irregularly seen to the SSW of C-124 flying toward the Azores in the SE. Visible for over an hour.
219	9/27/52	Inyokern, CA	10:00 PM PST. Round object changing color observed over Mojave desert to the northeast. Slowly rose over one hour and then descended rapidly before disappearing and leaving a vapor trail behind it.
220	9/29/52	England	1555Z. Two disc-shaped objects initially hovering overhead, proceeded at high speed in SE direction before disappearing into clouds. Visible for three minutes.
221	9/29/52	Southern Pines, NC	8:15 PM EST. Green, elliptical object with a longish tail rapidly orbiting CCW in a circular path. Object then stopped and tail disappeared.
222	9/30/52	Denver, CO	Actual date is 9/24/52 and location is Aurora, Co. 3:25 PM MST. Five to six objects circling overhead. One object left circle and departed to SW. The other five objects then disappeared. Visible 5-6 minutes.
223	10/1/52	Shaw AFB, SC	6:57 PM EST. Brilliant white light observed by RF-80 pilot on a heading of 60 degrees at 22,000 feet. Light moved from left of aircraft to right side of aircraft and back to left side for 23 minutes. Pilot was unable to intercept before it disappeared.
224	10/1/52	Pascagoola, MS	7:40 PM CST. Round white object stationary for 5-10 minutes in the West. It then moved to the SW before proceeding "extremely fast" towards the NE. Total observation time 22 minutes.
225	10/10/52	Otis AFB, MA	6:30 PM EST. Blinking white light flew upward and began a pendulum like motion for 20 minutes and then shot straight up.
226	10/17/52	Killeen, TX	10:15 PM CST. Ten objects flew in "duck-like" formation traveled from north to south, veering southeastward at the end, in 5 seconds.
227	10/17/52	Tierra Amarilla, NM	11:00 PM Missile-like object visible in the north 3-4 seconds. Disappeared suddenly.
228	10/19/52	San Antonio, TX	1:30 PM CST. Three round aluminum-like objects flew from north to south in 3-4 minutes.
229	10/21/52	Knoxville, TN	No time given. Six white objects seen in the west with theodolite while tracking balloon. While no time is given, the event appears to have enough information for analysis.
230	10/29/52	Erding Air Depot, Germany	0650Z. Silver colored object sighted moving in a steady path towards the WNW. Visible for 20 seconds.
231	10/31/52	Fayetteville, GA	7:40 PM EST. Orange object shaped like a blimp moved in an eastward direction across the highway at slow speed and accelerated towards the horizon. Duration approximately 1 minute.
232	11/3/52	Laredo, TX	6:29 PM CST. Long elliptical object traveling from SW to SE in 3-4 seconds. It paused momentarily to the south. Overcast skies.
233	11/4/52	Vineland, NJ	5:40 PM CST. Two groups of objects moving from W to SE in 30 seconds.
234	11/13/52	Glasgow and Opheim, MT	2:20 AM MST. Radar track to ESE at speed of 210 knots. 2:43 AM MST Five objects in V formation coming from NW took a right turn and disappeared to the SW in 20 seconds.
235	11/15/52	Wichita, KS	8:25 PM CST. A round blue light with an orange glow trailing it moving north at tremendous speed and rising. Duration 5 minutes.

236	11/24/52	Annadale, VA	6:30-7:30 PM EST. Glowing object traveling from south in northerly direction. Made right angle turn and then performed 180 degree turn. Repeated path several times. Visible for one hour.
237	11/27/52	Albuquerque, NM	11:10 PM MST. B-26 departing Albuquerque encountered many puffs of black-yellow smoke.
238	11/30/52	Washington D.C.	12:30 AM EST. Radar targets tracked on airport radar. No visual confirmation of targets.
239	12/8/52	Ladd AFB, AK	8:16 PM AST. Bright light heading 240 degrees for three minutes. Object then took on the characteristics of a meteor falling at azimuth 160 degrees.
240	12/9/52	Madison, WI	5:45 PM CST. Pilots in T-33 saw four bright lights in a diamond formation to the SW of their aircraft. Lights going SE and then turned to east. Chased by T-33, which had to land due to low fuel. No silhouette but just a formation of lights. Duration 10 minutes.
241	12/28/52	Marysville, CA	Case missing from files. Sparks and Berliner could not locate either.
242	1/8/53	Larson AFB, Washington	7:15 AM PST. One green disc-shaped object moved to the SW bobbing vertically and going sideways for 15 minutes.
243	1/10/53	Sonoma, CA	3:45 PM PST. Silver colored object traveled NW performing 360 degree circles and right angle turns but returning to NW course. It then stopped, rose vertically, and disappeared from view. Duration 60-75 seconds.
244	1/17/53	Guatemala	3:55 PM CST. Brilliant greenish-gold traveling NW for 22 seconds. At one point, object hovered for a few seconds before resuming flight. Seen from inside a bus.
245	1/28/53	Frankfort, Germany (see Stuttgart folder)	1852Z. Steady bright light passed in front of C-47 aircraft, which was flying due north, at a 45 degree elevation from left to right. Object turned to the north and then conducted many maneuvers until it departed to the north at high speed. Visible for 90-150 seconds.
246	1/28/53	Point Mugu, CA	1:00 PM PST. White object traveling at high speed towards the East for 6 minutes. Duration listed as 6 minutes because sighting was between 1:00 and 1:06. Actual duration, based on description, appears to have been shorter.
247	1/28/53	Corona, CA	6:05 PM PST. Five round green objects in loose V-formation traveling from SE to NW for 12 minutes.
248	1/28/53	Albany, GA	9:50 PM EST. Circular object changing colors 15 degrees above horizon at azimuth of 250 degrees. Faded after 8 minutes. Identified as Venus. Two unidentified stationary radar contacts at 27 and 17 miles distance, azimuth 300 degrees.
249	1/29/53	Houlton, ME	9:55 AM EST. Dark gray object seen by F-94 at 70 degree azimuth and 10 degrees elevation for four minutes. Attempted intercept but could not catch target and had to return to base due to fuel. Radar not functional.
250	2/3/53	Iceland	18:25Z. Three stationary radar contacts to the NW over a period of 24 minutes.
251	2/4/53	Yuma, AZ	1:50 PM MST. Two white objects seen with theodolite going west. One of the objects was crossing over the path of the other. From 157 degrees azimuth 53 degrees elevation to 204.1 degrees azimuth 29.1 degrees elevation. Visible for 5 minutes.
252	2/10/53	Richmond, VA	6:15 AM EST. Two circular objects orange in the center and blue on the edges approached from east and moved SW and disappeared. Reappeared heading in a westerly direction. They then turned north, reversed, and then went south before disappearing. Visible 5 minutes. Additional witnesses gave varying accounts of the two lights.
253	2/17/53	Port Austin, MI	10:04 PM EST. Object seen to the west for 5 minutes changing from red to white. Identified as Venus. 10:08 PM EST, Radar operator tracked contact at azimuth 300 degrees, distance 10 nm, moving south at 55-60 knots. Target lost at azimuth 210 degrees, distance 10 nm, 17 minutes later. Unidentified.
254	2/24/53	Sherman, TX	7:40 PM CST. Two Red lights seen against/through overcast. One was only seen briefly. The other rotated and climbed slowly before disappearing. Visible 3-7 seconds.
255	2/27/53	Shreveport, LA	11:58 AM CST. Five yellowish circular objects in circular turn from west to east in trail formation. Three objects vanish. Two remained to the NW performing erratic maneuvers for 150 seconds before disappearing. Duration 4 minutes.
256	3/14/53	Sea of Japan	11:45 PM JT. 20 groups of lights observed by P2V aircraft with radar tracking of target that appears to be independent of the lights. Lights looked like tracers but were not tracers. Duration five minutes.

257	3/21/53	Elmira, NY	3:05 PM EST. Six disc shaped objects traveling from overhead to the north at high speed. Visible for just a few seconds.
258	3/25/53	San Antonio, TX	11:15 PM CST. Multiple yellowish lights appeared in the north and went south at high speed. As lights disappeared, more appeared and followed same path with no more than 3 being visible at once. Some performed circles as they traveled south. Visible for 90 minutes.
259	3/27/53	Mt. Taylor, NM	7:25 PM MST. F-86 pilot saw a bright orange circular object that descended, performed three fast rolls, and disappeared. Pilot could not catch object. Course 340 degrees. Duration 4 minutes.
260	3/29/53	Spooner, WI	3:45 PM CST. Aluminum colored object traveled at high speed. Traveling north, reversed direction, and then resumed northerly course. Duration 15 seconds.
261	4/8/53	Fukuoka, Japan	7:55 PM JT. F-94 pilot saw a dark object burst into a bright blue flame 20 degrees relative to the aircraft and crossed in front descending to position 350 degrees relative. The light then moved to relative position of 2 degrees before going away from the aircraft before disappearing. Total duration was 45 seconds.
262 - 5	4/15/53	Tuscon, AZ	9:45 PM MST. Four reddish-orange objects traveling at a high rate of speed. All came from the north. 9:45 PM Object went south and then made a turn towards 280 degrees. Duration 3 minutes. 10:00 PM Object went south and then made a turn towards 280 degrees. Duration 1 minute. 10:07 PM Object went south and performed a 360 degree circle and disappeared. Duration a few seconds. 10:22 PM Object went south and made a turn towards 280 degrees. Duration 30 seconds.
266	5/1/53	Goose AFB, Labrador	11:20 PM AT. F-94 traveling south and saw round white light below the aircraft traveling north. Object made an orbit at a high rate of speed. Attempts to intercept and make radar contact failed. Duration 30 minutes.
267	5/27/53	San Antonio, TX	8:30 PM CST. Nine Orange-White lights traveling in a NNE direction spread out over a 15 minute duration.
268	6/21/53	Naha and Kadena, Okinawa	7:00 PM JT. First sighting: Spherical to star-like object viewed in theodolite and visually traveling NW. Unidentified. Second sighting to WSW identified as aircraft.
269	6/24/53	Iwo Jima	10:30 PM JT. Unidentified radar targets tracked from KB-29 for 15 seconds at 10:30 PM, 90 seconds at 10:40 PM, and 15 seconds at 10:50 PM. During second contact, right scanner saw some lights that were identified as ground lights from Iwo Jima. No other visual sightings were made. Radar contacts remain unidentified.
270	6/24/53	Simutak, Greenland	10:45 AM GT. Red circular rotating object seen through theodolite while tracking weather balloon. Balloon burst when object was near the balloon. Object hovered for 15 seconds and then began traveling to the west for 5 minutes.
271	7/22/53	Atlantic City, NJ	8:45 PM EDT. Twenty objects came out of clouds with vapor trails. Each were in the form of pairs. Visible for 11 minutes.
272	8/3/53	Amarillo, TX	12:04 PM CST. Object seen, from airport tower, to the north moving from west to east. When it was towards the NE, it stopped for seven seconds and then began moving south to where it stopped again to hover over the airport. A second object was seen coming from the north. They both hovered over the airport for 10 seconds. First object went straight up and disappeared. Second object went south and disappeared in four seconds. 15 minutes later, the observers saw, what appeared to be the same two objects, near the sun. They were seen briefly every time and kept reappearing/disappearing for 45 more minutes. Objects last seen at 1:00 PM CST.
273	8/20/53	California area	2:05 PM PDT. Left scanner saw oval-shaped grayish object make pass at aircraft towards SE. Three subsequent sightings of object ranging from ten to seven o'clock position. Right scanner saw third pass for six seconds. Total duration 2-3 minutes.
274	9/2/53	Sidi Slimane, French Morocco	21:14Z. Crew of C-47 observed bright white light observed above aircraft. Object rapidly closed with C-47 and nearly collided. Object then performed two 180 degree turns followed by a 90 degree turn towards highway that parallels airstrip and then hovered before disappearing. Duration 3 minutes.
275	9/22/53	Hayward, CA	11:45 AM PST. Yellow, thin, triangular-shaped object seen approaching city from NW at a slow speed. It then performed a near vertical climb and disappeared. Duration 5-8 minutes.

276	9/28/53	Palmdale, CA	7:10 PM PST. F-94, flying on a bearing of 230, detected target on airborne radar for 15 seconds. Target flying at 60 degree bearing and 2000 knots. Operator lost target while change modes of operation for radar. Second F-94 over Newhall CA on a course of 230, saw orange object at azimuth 140, which disappeared.
277	10/15/53	Minneapolis, MN	10:10 AM CST. Object moved in horizontal flight towards the SE for 30 seconds leaving a vapor trail. It then dove for 10 seconds before disappearing. Total duration 40 seconds.
278	10/16/53	Cyprus Island	20:00Z. Two white or bluish lights in trail formation. 30 degrees elevation. Traveled through 30 degrees of azimuth at high rate of speed. Turned and descended, disappearing behind building. Duration 10 seconds.
279	10/19/53	Bolling AFB, WA	9:35 PM EST. White spheroid that glowed with red exhaust. First seen in south at elevation of 35-40 degrees. Object went eastward and upward for about 25 seconds. It then looped and headed south for 25 seconds and disappeared at an elevation angle of 35-40 degrees.
280	10/29/53	Mapleton, ME	9:30 PM EST. Two round objects emitting a green glow changing to white traveling north in triangular patterns. Third object trailed other two with a blue flaming tail. Objects 80 degree elevation and 120 degrees azimuth. Moved to 80 degree elevation and 90 degrees azimuth.
281	11/18/53	Maitowoc, WI	12:45 PM CST. Silver sphere-shaped object stationary for 15 minutes at 25 degrees elevation due north. Seen again at 3:15 and 4:15 pm. Disappeared at 4:40 PM. Total duration 45 minutes.
282	12/17/53	Hassleholm, Sweden	13:37Z. Seen by pilot, who saw a spherical robot-like object pass beneath his aircraft. It was visible for 6-7 seconds.
283	12/24/53	El Cajon, CA	8:04 AM PST. Two pilots in F-9Fs observed ten silver oval objects flying east at high altitude for 5 minutes.
284	12/28/53	Marysville, CA	3:55 AM PST. One brilliant blue saucer-shaped object hovered momentarily and then moved north before disappearing. Visible for 90 seconds.
285	1/28/54	Rangeley, Maine	10:15 PM EST. Bright light Descending from NW to NNE. Object descended below the hill line and was passing in front of mountain. Visible 15 minutes.
286	2/26/54	Newburyport, MA	3:30 PM EST. Disc type silver object made intense roar and descended from an elevation angle of 60 degrees. Leaving a trail, it moved towards SE over a period of 30-60 seconds.
287	3/2/54	Pennsylvania	10:10 PM EST. Three amber floating lights to the west of Olmstead AFB, moving NW, visible for 30 minutes.
288	3/5/54	Nouaceur, French Morocco	20:00Z. Aircraft making landings reported seeing lights in landing pattern. No radar contacts other than stationary targets that appear to have been ground reflection. One sighting had insufficient information.
289	3/12/54	Nouaceur, French Morocco	9:35Z. Fighter pilot, flying on course of 010, saw an unidentified object in front of aircraft. Accelerated to intercept but could not catch up with object. Object disappeared from sight in 30 seconds.
290	4/23/54	Pittsfield, ME	4:30 AM EST. Circular saucer with dome on top and flashing light. Made a sound like a swarm of bees with a whirlwind beneath object that moved stones. Went from 70 to 30 degrees azimuth for four minutes before rising vertically and out of sight.
291	4/24/54	Hartland, ME	4:10 PM EST. One oblong object with dome on top and flashing light visible on horizon for 15 minutes. It rose vertically and disappeared.
292	4/26/54	Athens, GA	7:35 PM EST. V-formation of 15-20 objects seen traveling north for 10 seconds.
293	5/10/54	Elsinore, CA	12:40 PM PST. Pilot flying at azimuth 240 degrees. Saw dark object approaching wingman from his 11 o'clock bearing. Before he could react, the object passed over his wingman's cockpit and between the two aircraft. Object appeared to be traveling on a 30 degree bearing and descending. Dark object appeared to be delta wing shaped and had a third fin on it. Object only visible for a few seconds.
294	5/11/54	Washington, DC	12:45 AM EDT, 1:15 AM EDT, 2:10 AM EDT. Two objects visible three times for a maximum of 45 seconds. Started in the NE and flew to the south. Objects flew in a straight path and made 90 degree turns. Lights gradually faded out of sight. 2/10ths cloud cover.
295	5/22/54	La Porte, IN	9:15 PM EDT. Yellow light climbing (10-40 degrees elevation) from NW to N. Went out suddenly after 45 seconds.

296	5/31/54	Concord, NH	10:15 AM EST. White elongated object moving at incredible speed towards the ground. Object suddenly disappeared after 8-10 seconds.
297	6/8/54	Texarkanna, TX	1:00 AM CST. Bright yellow circular object moving downward from NE to SW in 2 minutes.
298	6/10/54	Estacado, TX	9:09 PM CST. White light seen from aircraft. Object came from high altitude and descended to low altitude near ground level. Slowed down and made two 360 degree turns. Duration 30 seconds.
299	6/22/54	Miami Beach, FL	9:00 PM EST. Bright white light descended from azimuth 30 degrees. Stopped at angle of elevation of 10 degrees and azimuth 10 degrees. It hovered and gradually faded after 7 minutes.
300	6/24/54	Danvers, MA	11:45 AM EST. Small, white, elliptical object moving in a straight course of SW to NE for 30 seconds.
301	6/25/54	Indian Lake, OH	5:05 PM EDT. Pilot in private aircraft observed shiny object with flat bottom and cone-shaped top. Object sped up at high speed and disappeared to the SE after 3-5 minutes. Radar contact seen in area that was moving on a bearing of 170 degrees and disappeared off of the display in one minute. Card identified visual as balloon and radar as unidentified.
302	7/18/54	Normandy, MO	8:40 PM CST. Greenish-white object at 30 degrees elevation and 30 degrees azimuth moving west. Disappeared to NW by fading from view.
303	8/2/54	Westlake, OH	5:17 PM EST. Very bright elliptical object hovered 5-8 seconds, dropped in elevation in 3 seconds, held the new position for 10 seconds and then disappeared. Objects azimuth was 260 degrees.
304	8/6/54	San Antonio, TX	6:00 PM CST. Small intense white light varying in color to yellow, orange, and, finally, pink in three cycles. Observation at 45 degrees elevation traveling 15 degrees in 5 minutes before disappearing.
305	8/15/54	San Marco, TX	10:20 PM CST. Dark blue silhouette paced aircraft and then crossed in front of the aircraft before disappearing. Duration 5 minutes.
306	8/26/54	Danville, VA	6:15 AM EST. Two silver, elliptical objects glowing orange with dome on top rose hovered in NW. Objects rose and disappeared after 2 minutes.
307	8/27/54	Dorchester, MA	1:00 PM EDT. Seven tear drop-shaped objects changed from white to blue as they traveled in line formation to the NW for 7 minutes.
308	8/29/54	Prince Christian, Greenland	14:05Z. Pilot observed 3-4 dark lenticular shaped objects in formation north of his position/track. Objects traveling on parallel track with aircraft for 10 minutes before disappearing.
309	9/4/54	Butler, MO	3:00 AM CST. String of 20-30 lights in formation flew SW for 90 seconds before disappearing.
310	9/5/54	Butler, MO	12:23 AM CST. One silver-white object with exhaust following object, flew SW before veering to south and then disappeared. Duration 25-30 seconds.
311	9/23/54	Gatlinburg, TN	9:45 AM EST. Two bicycle wheel-shaped objects flew in trail formation north to south in two minutes.
312	10/13/54	Nouaceur, Morocco	10:05Z. Small round object seen with theodolite moving from 243 azimuth 64 degrees elevation to 30 degrees azimuth 40 degrees elevation in 30 seconds.
313	10/28/54	Miho AB, Japan	5:32 PM JT. Round to oval object went from SSW at 12-15 degrees elevation to SW at 20-25 degrees elevation in 45 seconds. Flew in front of clouds. It then turned north and disappeared behind a cloud.
314	10/29/54	Azores	23:00 Z. Stove pipe shaped object with short wings and central bulge hovered over observer's yard for 4-5 minutes. Made Gargling sounds and yellow patches appeared in lawn as object approached from the south. Disappeared when airplane lights approached.
315	11/15/54	Augusta, ME	4:00 PM EST. 10 bright, gold-colored, objects in V formation traveling NNE for three minutes before fading away.

316	11/28/54	Manila, Philippines	2:50 Z. Bright orange, circular, dome-shaped object, with orange saucers attached to sides, visible for 4 minutes and 3 seconds. Observer saw object approach for three minutes, reverse direction, then execute a 180 degree turn, and then hover for one minute. It rapidly departed north in three seconds leaving a trail.
317	12/3/54	Gulfport, MS	12:12 PM CST. Round object hovered and departed to SE in 30 seconds.
318	12/7/54	Cape Province, South Africa	11:15Z. Semi-circular object with dome on top moved slowly from west to east and then turned north. Visible for 7 minutes.
319	1/1/55	Cochise, NM	6:44 AM MST. Pilot in B-25 saw disc shaped object that paralleled his aircraft' track from ESE to WNW for 7 minutes and disappeared.
320	2/1/55	Cochise, NM	7:55 PM MST. Very bright spherical red and white object off port wing of aircraft for 5 minutes. Made steady climb and disappeared for 3 minutes. Course of object was west to east.
321	2/2/55	Miramar NAS, CA	11:50 AM PST. Observer in vehicle watching aircraft land notice object falling with an erratic motion. Changed from white to reddish-brown. Accelerated to tremendous speed and left brown vapor trail heading towards a bearing of 170 degrees. No duration listed but it appeared to be several minutes for the entire series of events. The departure appears to be measured in seconds.
322	4/30/55	Travis County, TX	7:30 AM CST. Four black objects flying in formation from west to east in 2-3 seconds. Gave the sound of a Zephyr.
323	5/4/55	Keflavik, Iceland	13:38 Z. Ten silver, round objects flew in arc towards the east One left smoke trail. Some exhibited jerky motion in the formation. Visible 5-8 seconds.
324	5/9/55	Ukiah, CA	10:30 PM PDT. One silver object traveled from W to SW in 5 hours. BB classified as Jupiter but Jupiter set after 2.5 hours.
325	5/23/55	Cheyenne, WY	12:00 AM MST. One stationary objects observed to the east for a minute and disappeared. Two objects then reappeared in same location for five minutes and disappeared. A few minutes later, two more objects appeared moving across the sky towards the south. Every couple of minutes it would turn a bluish-purple. They were visible for ten minutes before ascending straight up and to the south.
326	7/29/55	Columbus, NE	10:45 PM CST. Four orange orbs and one white one. Flashing lights east of station bobbing like yo-yos. Faded out after 5-6 minutes.
327	8/11/55	Iceland	12:45Z. 12 objects changed from cigar to egg-shaped. In trail formation, changed to elliptical, wavy line before scattering and going back to straight line. Visible 3-4 minutes traveling NW to SE.
328	8/23/55	Arlington, VA	10:45 PM EDT. 6-8 Orange, flat disc or star-shaped objects seeing as individual objects not in formation. Not all visible at the same time and moving in varying directions. Visible for 30 minutes.
329	9/3/55	Bellingham, WA	10:30 PM PDT. One small round white object, dimmed and brightened traveling very slowly over 30 degrees in front of big dipper in 15 minutes. Was stationary and still there at time of reporting sighting.
330	9/9/55	Rock Garden, TN	1:00 PM EST. Square, brownish object moved in a slow circular motion from the north to overhead. It then turned eastward and sped up back to the north, where it disappeared behind the trees. Duration was 10-15 minutes.
331	9/13/55	Palmdale, CA	3:10 AM PDT. Observed object with top and bottom flat with rounded ends. Exhaust visible with loud roaring sound. Initially heading west and then the object turned to the SSE for 10-15 minutes. BB classified as test vehicle but provided no evidence that test vehicle was present.
332	10/8/55	Loogootee, IN	4:38 PM EST. Round silver object moving ESE at high speed in 10-15 seconds.
333	10/11/55	Point Lookout, MD	4:00-6:30 PM EST. Round, white object turning red after sunset. Emitted sparks after sunset and disappeared/reappeared. Visible for 2.5 hours. Seen directly overhead.
334	11/17/55	St. Louis, MO	6:10 AM CST. Twelve round and flat objects with silver on top and dark on bottom moving three abreast and four deep. 75 degree elevation in NE, disappeared over NE horizon after 45 seconds.
335	11/20/55	Lake City, TN	6:38 PM EST. Two bright, shiny, silver and yellow, spherical objects in trail formation visible 4-15 minutes traveling from SW to the W. A/C scrambled but could not locate.

336	11/25/55	La Veta, CO	10:30 AM MST. Barrel shaped object tapering from large front to narrow end. Greenish blue and appeared to be made of jelly-like substance. Dove from SW and ascended to NE in 5 seconds.
337	2/12/56	Goose Bay, Labrador	10:55 PM AT. One green and red object approached fighter aircraft from below and to the rear. Object appeared to pass/circle fighter aircraft. Both aircraft had contact on radar. Visual sighting for one minute. 15 minutes later a radar contact was made with ground radar. Interceptors got radar contact and closed to within 8 miles before contact faded out. No visual.
338	6/6/56	Banning, CA	6:30 AM PDT. Silver to blue, saucer-shaped object with dome on top visible 8-10 seconds. Seen from automobile as hovering ahead of car. He stopped car and the object moved across the highway before circling his vehicle. It then departed rapidly in a WNW direction.
339	8/8/56	20 South of Quartzsite, AZ	11:00 PM MST. One bluish-white object traveling at great speed to the north. Visible 5-7 minutes for one observer. 25-60 seconds for second observers.
340	8/27/56	Junista, PA	9:55 PM EST. Circular object with plastic dome and bright light illuminated the back yard of the observer. It headed north at a high rate of speed before fading out of sight in three minutes.
341	9/4/56	Dallas, TX	9:00 PM CST. One star-shaped object, changing color from white to red, stationary for 20 minutes at azimuth 80 degrees. Moved westward towards 330 degrees azimuth in 3 minutes.
342	11/1/56	60 mi E of St. Louis, MO	5:30 PM CST. Weather officer in T-33 observed one yellow light at azimuth 105 degrees and 5 degrees elevation. In 2 minutes, object moved to front of aircraft and then towards 280 degrees azimuth, where it disappeared.
343	11/30/56	Charleston AFB, SC	12:48 PM EST. Observed dark object through aircraft window towards the NW low above water. Paralleled Aircraft's course for 10 minutes before disappearing. Aircraft heading NW.
344	12/31/56	Guam	1610Z. White, round object came in from west. Fighter aircraft turned towards object. Object passed underneath aircraft and turned south. It increased its altitude and then turned towards aircraft and passed over it. Object and pilot performed "dogfight" but pilot was unable to catch the object. After 10 minutes, the object departed towards the west. Pilot unable to pursue because of low fuel.
345	4/15/57	Eglin AFB, FL	12:00 PM CST. One aluminum object accelerated for 15 seconds from SE to E.
346	6/12/57	Milan, Italy	7:30 PM CET. Bright green-yellow light approached from east. Hovered over city. 17 minutes later, the object rapidly rose up, disappeared and left two orange-white vapor trails.
347	7/17/57	Dallas-Ft. Worth, TX	RB-47 case. See SUNlite 4-1
348	7/29/57	Cleveland, OH	11:31 PM EST. One round yellowish-white object hovered over Cleveland and then moved rapidly NW. Passed in front of and pursued by airliner. Disappeared in NW after 8 minutes.
349	7/29/57	Oldsmar, FL	11:45 PM EST. One pale yellow ball of fire struck water and disintegrated into many multi-colored lights NE of observer into Tampa Bay. One minute duration.
350	9/20/57	Kadena AFB	8:00 PM JT. Oval-shaped light made four passes from north to south. Each pass was 5-10 seconds. 4-5 minute intervals between each pass.
351	10/8/57	Seattle, WA	9:17 AM PST. Two round white objects appeared from the NW and turned to the SW. Objects then returned to NW and disappeared. Duration 25-30 seconds.
352	11/2-3/57	Levelland, TX	Levelland case. See SUNlite 16-6.
353	11/6/57	Boerne, TX	6:00 PM CST. One brilliant orange egg-shaped object hovering for one minute to the east (left of the moon) and disappeared.
354	11/26/57	Robins AFB, GA	9:17 AM EST. One silver cigar-shaped object observed to be stationary to the southeast for 8 minutes and then suddenly disappeared.
355	11/30/57	New Orleans, LA	2:11 PM CST. One brilliant white round object gradually descended in the west from 70 degrees elevation to 30 degrees in 12 minutes. It descended further to 10 degrees elevation. It then grew brilliant and split into three pieces. Duration 20 minutes.

356	12/13/57	Col Anahuac, Mexico	9:35 AM CST. Fifteen to twenty multi-colored lights over airport slowly moving from west to east for 20 minutes.
357	3/14/58	Healdsburg, CA	8:45 AM PST. Black balloon-shaped object approached from west, touched ground, and took off to east. Object turned south and then disappeared. Duration 2 minutes.
358	4/14/58	Lynchburg, VA	12:20 PM EST. A gray-black object was seen a little bit in front of, and above, the aircraft. It fell with a trembling motion for 4 seconds before disappearing.
359	6/14/58	Pueblo, CO	10:46 AM PST. White flat object with dome in middle seen passing through field of the-odolite while tracking balloon. Object went from NE (67 degrees azimuth 24.2 degrees elevation) to SW (237.2 degrees azimuth 8.1 degrees elevation angle) and visible for 5 minutes.
360	6/20/58	Fort Bragg, NC	11:05 PM EST. Silver, circular object with the lower section surrounded by green haze. Initially at 35 degrees elevation and stationary at 10 degrees azimuth. It oscillated and moved off to the north, where it disappeared. 10 minutes duration.
361	8/17/58	Warren, MI	7:05 PM EST. Bright white star-like object. Object motionless for 5-8 minutes in the WNW at angle of 75 degrees. Object shifted tilt and it appeared saucer-shaped with central dome. Moved towards NNE and then reversed towards the WSW before fading very rapidly (message states it vaporized). Duration 6-10 minutes.
362	9/1/58	Wheelus AFB, Tripoli	22:15 Z. Reddish star-like object grew in size and then disappeared into clouds after traveling from NW to SE for 2 minutes. Another observation by a second person at the same time gave a similar description except it was bluish-white and visible for 90 seconds.
363	9/21/58	Sheffield lake, OH	3:00 AM EST. Bedroom flooded with light. Witness looked out window and saw object moving north with oscillating motion and rose out of sight. Duration 5 minutes.
364	10/2/58	Stroudsburg, PA	2:30 PM EST. Object, that looked like a pickle with a flat bottom, went from ten degrees above horizon to seven degrees above horizon in 15 seconds.
365	10/27/58	Lock Raven Dam, MD	10:30 PM EST. Egg-shaped object hovering over a bridge. Car stopped working. Brilliant flash and noise as object rose vertically before disappearing. Witnesses reported feeling burning sensation on faces. Duration 1 minute.
366	11/3/58	Minot, ND	2:01 PM CST. One round bright green object exploded and smoke rapidly dissipated at an elevation angle of 45 degrees and 90-120 degrees azimuth. Another silver object approached the area from the north and disappeared to SE. Duration 1 minute.
367	2/20/59	Cincinnati, OH	9:00 PM EST. Round object flashing red, white, and green in 5-second intervals. Aircraft followed object 21 minutes to the west.
368	3/25/59	Montana	7:41 PM MST. Target on radar following B-52 for one hour. F-89 sent to intercept and target climbed away and F89 could not pursue.
369	3/26 or 27/59	Corsica, PA	12:45 PM. Wine/brick-red, barrel-shaped object disappeared from view behind trees in NW after 3 minutes.
370	6/18/59	Edmonton, Alberta, Canada	9:30 PM MST. Brown, cigar-shaped object observed to rise from below horizon up into clouds. Reached 40-50 degrees elevation and disappeared after 4 minutes.
371	7/19/59	Ceresco, NE	8:30-9:00 PM CST. Blinding white, star-like object with arcs of light shooting out. Moved from SSE to SW in 15-20 minutes.
372	7/25/59	Iroquois, NY	1:00 PM EST. Brownish-black, quarter moon-shaped object with a white bubble in the center moving from N to E in 5-10 seconds.
373	8/10/59	Goose AFB, Labrador	1:28 AM LT. Bright white light seen on WSW horizon moving towards NE. Still overhead after 25 minutes when report was made.
374	9/13/59	Gills Rock, WI	1:05 AM CST. Round, yellowish light with eight blue lights on the outside and five red lights in the center. Object came from the east and rose in the sky with repeated blasts of noise. When the object was overhead it receded to star-like appearance and vanished due to distance. Visible for 10 minutes.
375	10/4/59	Philippines	11:25-11:45Z. Triangular-shaped, red or orange object moved from west to northeast in 15 minutes.

376	10/6/59	Lincoln, NE	8:15 PM CST. White to Yellow, round object, dimming and brightening, moving erratically from SE to North and back to the SE for 2 minutes. Begin position same as disappearance position (azimuth of 150 degrees and elevation 70 degrees).
377	10/19/59	Plainville, KS	9:25 PM CST. T-33 pilot saw bright yellowish light came head on from east and faded when evasive action taken. Duration 20 seconds. Light reappeared and disappeared heading south. 30 seconds duration.
378	11/18/59	S. of Crystal Springs, MS	6:25 PM CST. Horizontal row of red lights with rear slightly higher than front. Started slowly and increased speed. Disappeared to N or NNE in 5-6 minutes.
379	3/23/60	Indianapolis, IN	3:35 AM EST. Gold comet-shaped object seen in WNW going W and then turned east. Made a 180 degree turn and then returned to the west. Disappeared by blinking out after 15 minutes.
380	4/12/60	La Camp, LA	9:00 PM CST. Fiery red disc, seen for 2-3 seconds, impacted and exploded four or five times. Explosion heard. No significant debris found at impact site. Reports that it "bounced" off of the ground and then went airborne again. Paint chips found but did not contain anything unusual.
381	4/17/60	Richards, Gebaur AB, MO	8:29 PM CST. Red glowing object viewed through telescope. Traveled from north of Orion and passed one degree south of Sirius in 2.5 minutes.
382	7/19, 20, 21/60	St. Louis MO	9:50 PM CST on the 20th. Light, visible for 10-15 minutes, moved from NE towards observer and then disappeared to the zenith.
383	7/31/60	Arnold, CA	11:30 AM PDT. Object, shaped like a top, traveling westward over Kinney lake No. 2. Disappeared behind tree line after a few seconds. BB classified as meteor but it was during day and description does not match a meteor.
384	8/23/60	Wichita, KS	3:24 AM CST. Large orange, sphere-shaped object with yellow lights from three light sources. Traveled from the north at 40 degrees to 45 degrees elevation in two minutes. Appeared to pursue Echo satellite.
385	8/29/60	Crete, IL	4:05 PM CDT. Very bright, shiny, silver object traveled from due north 30 degrees elevation to due north 90 degrees elevation in 18 seconds.
386	9/10/60	Ridgecrest, CA	9:50-11:00 PM PDT. Four sightings. 2 were north to south, one was south to north, and one east to west. Two sightings were saucer-shaped and two were boomer-angled-shaped. Each sighting was 1-2 seconds in duration. Sky was cloudy.
387	10/5/60	Mount Kisko, NY	7:37 PM EST. Round bright light moved in an arc of 120 degrees from SE to NW in 20 seconds.
388	11/27/60	Chula Vista, CA	7:30 PM PST. Orange-Red object went from west to east and then to NW. Had a companion object that came out of one side that moved about the sky. Visible for 20-30 minutes.
389	1/9/61	Naknek, AK	9:45 PM AKST. Orange circular object, changing to blue, moved from 0.3 degrees azimuth, 10 degrees elevation to 210 degrees azimuth, 5 degrees elevation over 90 minutes. Path was not straight. Path was SE-NW-SE-SW.
390	7/7/61	Capemish, MI	11:00 PM EST. Round object split into four objects after 45 minutes. Azimuth 330 degrees 45 degrees elevation to 270 degrees azimuth 10 degrees elevation. Total duration 1 hour.
391	7/11/61	Springfield, OH	7:45 PM EST. Star-like object passing overhead from east to west in 20 minutes.
392	7/20/61	Houston, TX	8:00 AM CST. Two very bright objects in trail formation followed by aircraft taking off from Houston airport. Objects traveled from the SE to the ENE. Disappeared after 20 minutes.
393	8/12/61	Kansas City, KS	9:00 PM CST. Circular shape with lights around the edge. Stationary 3-5 minutes before rising and moving eastward in 5 seconds.
394	12/13/61	Washington DC	5:05 PM EST. Dark gray object moving from west to east, passing overhead. Visible 1-3 minutes.
395	2/25/62	Kotzebue, AK	7:20 PM AKST. Two round lights, one red and one blue, traveling in trail formation (30 seconds apart) from SSW to NNE for 5 minutes.
396	3/1/62	Salem, NY	10:35 PM EST. One rectangular gold box floated across the sky from south to north in 3-4 minutes.

397	3/26/62	Ramstein AFB, Germany	1:35 PM CET. Silver delta wing object, with dark front, appeared in 8 o'clock position of aircraft on course of 133 degrees. Object reached 3 o'clock position and fell back to 5 o'clock position before departing to east.
398	3/26/62	Naperville, IL	10:40 PM. Red flashing lights seen from car to the west on the horizon. Disappeared at 40 degrees elevation to SE after 15 minutes. Lights appeared to only move when the car moved.
399	5/26/62	Westfield, MA	11:45 PM EDT. Red, slightly oval, object giving off sparks from top and bottom, descended from 30-45 degree elevation to 10 degrees in the NW, where it disappeared behind trees. Duration 3-10 minutes.
400	5/27/62	Palmer, AK	6:40 PM AKST. Two triangular-shaped objects traveling east to west in 2-4 seconds. Appeared to weave and fly in echelon formation.
401	6/21/62	Indianapolis, IN	4:00 AM EST. B-52 aircraft crew saw three star-like objects. One seen at 60 degrees elevation and 40 degrees azimuth descending to 10 degrees elevation and 40 degrees azimuth. The other two objects were seen at the same initial position but went in trail formation (separated by 10 seconds) to 10 degrees elevation and 210 degrees azimuth. 3 minute duration.
402	7/30/62	Ocean Springs, MS	11:20 PM CST. Object observed to have been performing intricate maneuvers. Initial position 115 degree azimuth and 10 degrees elevation. Disappeared at 65 degrees azimuth and 8 degrees elevation. Motion was erratic and duration 10 minutes.
403	8/18/62	Bermuda	5:00 PM AST. Egg-shaped object moved from west to east. Remained stationary 10-15 minutes and then disappeared in 15-20 seconds. Another observer saw three objects heading west and disappeared in 10-15 seconds.
404	9/15-24/62	Oradell, NJ	8:00 PM EST. Round object with fin on top and bottom. Moved from north to south and then hovered over Oradell reservoir before submerging in the water. Object then rose and departed. No specific duration listed but description indicates it was measured in minutes.
405	9/21/62	WSW Biloxi, MS	7:37 PM CST. Dull red object with small object trailing. Observed in west moved to east, where it disappeared after 13 minutes.
406	10/23/62	Farmington, UT	4:00 PM MST. Round, gray and silver, object approached from west, passed overhead, and then swerved to SE disappearing in 1-2 seconds. Total duration 20 seconds.
407	11/17/62	Tampa, FL	9:00 PM EST. Three star-like objects approached from NE, hovered at 45 degrees elevation, made a right angle turn and disappeared by fading to the SE. Total duration 11-15 minutes.
408	5/18/63	New Plymouth, New Zealand	10:30 PM LT. Stationary object observed between witness and mountain (below horizon). Observed in west, went south, and then rose and proceeded to the west. Color changed between white, red, and blue. Visible 4 minutes. Witness 10-year old.
409	5/22/63	Pequannock, NJ	10:45 PM EST. Four pink, wheel-shaped objects moving from east to west in one second. Each object was 30 seconds after the previous. Viewed through a window.
410	7/1/63	Glen Ellyn, IL	8:00 PM Object traveled from SE to West in 90 minutes with flashing lights. Object appeared to be three lights connected in telescope. Viewed with 2.4-inch telescope. Witness 11-year old. Witness stated object was sighted again in November and December.
411	8/11/63	Warrenville, IL	9:00 - 10:00 PM. Object visible as a series of flashes traveling across the sky. Was seen four times it came from the SE. One pass went from SE to NW in 15-20 seconds. Each pass was about 5 minutes apart.
412	8/20/63	Rome, Italy	19:32Z. Object shaped like a hat with a tower observed from a car for 32 seconds before disappearing. Passed over the car twice, making it vibrate. Vehicle stalled when car was stopped by driver. Appeared and disappeared in the west.
413	9/14/63	Susanville, CA	3:15 PM PST. One long object flying north to south. A second balloon-like object flying an erratic path from NE to the south. The object appeared to intercept the long object and attached itself or disappeared. Total duration of 10 minutes.
414	10/4/63	Bedford, OH	3:32 PM EST. Object, smaller than the sun, with a bright metallic haze and shaped like a truncated cone. Object stationary and then moved NW to NNE before disappearing in 15 seconds. 15-year old.

415	10/23/63	Meridian, ID	8:35 PM MST. Shiny, metallic, circular/football-shaped, object hovered at 85 degrees elevation in the SE for 4.5 minutes. It then moved south and shifted to the SW. Total duration six minutes
416	10/24/63	Cuper Fife, Scotland	No time given but time was probably around 6 AM based on sketch of constellations. Object was a star-like object that moved from the north to south-southwest. Object disappeared near star Procyon. No duration given but probably measured in minutes.
417	12/11/63	McMinnville, OR	7:00 AM PST. Saw bright star-like object to the north out the bathroom window. Object slowly moved slowly towards the east. Total duration was not listed but appears to have been one to two minutes.
418	4/3/64	Monticello, WI	9:00 PM CST. Four red lights with lights of white and green observed near the ground from individuals in car driving west. It looked like an aircraft was crashing in the field to the south of the road. Object rose and increased angle of attack. It then hovered for an unspecified period of time, veered away and disappeared. 3-4 minutes duration. Seen from moving car.
419	4/11/64	Homer, NY	6:30 PM EDT. Initial sighting was long jet trail to the NW stretching from NE to SW. Spiral formation of black smoke then seen at the end of the trail. Black spiral continued to the SW. It then changed shape and looked like a smoking plane falling from sky. It then hovered for 2-3 minutes and disappeared into distant clouds. A similar object was seen but this one flashed and then increased speed. The object then changed from a pencil shape to a saucer shape. It then shrank in size and faded into the distance similar to the first object. Total duration 45 minutes.
420	4/24/64	Socorro, NM	5:45 PM MST. Lonnie Zamora incident. Unknown egg-shaped object landed and then departed rapidly. Duration 10 minutes.
421	5/9/64	Chicago, IL	11:23 PM CDT. Three large light green crescents traveling from east to west in 3 seconds.
422	5/18/64	Mt. Vernon, VA	7:15 PM EDT. Small white oval object observed to the 3 o'clock position of the moon. Moved to 12 o'clock position and then moved to the west about 5-10 degrees in one minute. Object then grew dim and split into two particles with smoke cloud. Faded from visual sight but the object further split before disappearing. Total duration 17 minutes.
423	5/26/64	Cambridge, MA	3:43 PM EDT. Very thin elliptical object initial seen overhead traveling ENE towards horizon in 3-4 seconds.
424	6/13/64	Toledo, OH	9:15 PM EST. Three objects flying over wheat field at about 10 mph. Red lights observed on objects flashing once per second. Objects crossed road and then hovered over barn before disappearing. No duration listed but appears to have been greater than 5 minutes. Directions/positional data is also missing but witness seems to have given photographs to Hynek (not in the file) showing the location and directions.
425	7/16/64	15 miles S Houghton Lake, MI	12:15 AM EDT. Six lights in echelon formation seen by aircraft pilot on heading of 220. Approximate direction of objects was ENE. Initially four object and then joined by two more. Paced aircraft (150 knots) for five minutes at 8 o'clock position. Objects then disappeared by fading/drifted back.
426	7/20/64	Clinton, IA - Littleton, IL	5:00 AM CDT. Clinton, IA. Strange fiery object seen to ESE for 45 seconds-1 minute moving upward towards NNW. 4:45 AM CDT. Littleton, IL. Rocket-powered, cone-shaped object rising above trees in front of vehicle and to the right (car driving eastward) => SE direction. Object approached vehicle and then reversed direction eastward. Disappeared in a few seconds. Total duration 60 seconds.
427	7/27/64	Norwich, NY	8:50 PM EDT. Aluminum or metallic colored, sphere-shaped, object with luminous ring was motionless in SW direction at 15-20 degrees elevation for 4-5 minutes. It made 3 blinding flashes and disappeared.
428	7/27/64	Denver, CO	8:20 PM MST. White ball of fire to the south, descended, hovered two minutes, and rose again and disappeared. Total duration 2-3 minutes.
429	8/10/64	Wake Island	17:16Z. Intermittently blinking low intensity light on a heading of 220 degrees approaching Wake runway. Light then stopped several times and reversed its course departing on a heading of 320 degrees. Motion described as erratic. Duration 2 minutes.
430	8/15/64	Yosemite Park, CA	9:15 AM PDT. Three bright, silver, objects in formation moving east to west for 3-4 seconds.

431	8/18/64	200 mi. E of Dover (Atlantic)	5:35 Z. Aircraft off the coast of Cape Cod observed red light towards the SW. See SUN-lite 5-1 and 5-2
432	9/10/64	Cedar Grove, NJ	8:09 PM EDT. Four lights, of magnitude 3-4, observed to north, heading west in trail formation. Disappeared in haze on western horizon after 45 seconds.
433	11/14/64	Menomonee Falls, WI	9:40 PM CST. Three, dim red, objects (magnitudes 2-3) in flight from east to west for 5-6 seconds. Two objects converged at one point but then separated again.
434	11/19/64	Pacific	11:00Z. Bright flashing light traveling from horizon to horizon, towards azimuth 20 degrees, in 20 seconds.
435	1/23/65	Williamsburg, VA	8:40 AM EST. Car stalled. Observer looked and saw a metallic gray, mushroom-shaped, object, 70-80 feet tall and 25 feet in diameter, hovering above the ground to the SW. It glowed red on the side closest to the observer and glowed blue on the farthest side. After 25 seconds, the object began moving to the west and disappeared.
436	3/4/65	Corvallis, OR	6:30 PM PST. Three yellow roman candle-like objects rose from ground several seconds apart. Visible for a few seconds after it disappeared. Area investigated by witness and found dark oily spot on ground. Presented sample to Blue Book, which analyzed and found oil.
437	3/8/65	Mt. Airy, MD	7:40 PM EST. Witness came out of barn and saw three pairs of red lights abreast moving overhead. They moved NE for 3 minutes and disappeared over the horizon.
438	5/7/65	Oxford, MI	7:30-7:40 PM EST. Witness saw light overhead. The object turned into two objects. One minute later, the primary object ejected three more objects. Another object was sighted bringing the total to six objects. Four objects could only be seen with binoculars. The disappeared behind clouds. No significant motion mentioned.
439	7/6/65	Kiel, WI	9:30 PM CST. Witness saw Echo satellite and then noticed flashing light blinking on and off in the west. It passed Echo when it crossed the zenith. Disappeared in the east after one minute.
440	7/25/65	Castalia, OH	9:16 PM EST. Bright blue disc-shaped object moved in 90 degrees of arc in 10 seconds. Went from overhead to the SSE horizon where it stopped, dimmed, and disappeared.
441	8/3/65	Cocoa, FL	11:40 PM EST. Police officers observed four lights (varied colors orange, green, and red) in diamond formation and a fifth separate from the group to the west. Lights were overhead and a little to the south. Visible 15 minutes and still present when witnesses departed.
442	8/4/65	Tinley Park, IL	12:35 AM CDT. Object moved from southwest 80 degrees elevation to southwest 60 degrees elevation in erratic motion (zig-zag or right angle turns) in 16-17 seconds. Color changed from white to red. Drawing of constellations and object's track indicated it actually went NW instead of SW. Witnesses were two 14-year olds.
443	8/19/65	Cherry Creek, NY	8:20 PM EDT Saucer shaped object landed in field. Object ascended into clouds emitting a red streak. After 4-5 minutes it descended again and then ascended back into the clouds. After 30 minutes, it descended and ascended again several times before departing to the SSW and emitting a yellow streak. Seen by 15, 16, and 17-year olds.
444	8/30/65	Urbana, OH	10:15 PM EST Round solid object, that did not give off light, dropped down in front of car, hit road, and bounced north (Car going south). Visible 3-4 seconds. No mark in road.
445	9/2-3/65	Exeter, NH	2:00 AM EST. Multiple sightings over a two hour period.
446	9/3/65	Damon, TX	11:00 PM CST. Two deputies driving south saw a very bright purple light to the SW. After a few seconds, a blue light appeared near the Purple one. Deputies attempted to get closer and eventually stopped on the edge of the highway. Object approached with same lights. Appeared to be gray triangular shape. The object then rose and disappeared at a 25-30 degree angle. Duration 5-10 minutes.
447	9/25/65	Chisholm, MN	7:55 PM CST. Five orange lights came from SW and headed north. Five made a 180 degree turn and returned to SW but only three returned. Duration 30 seconds.
448	9/25/65	Rodeo, NM	10:00 PM MST. Two white objects, side by side, appeared in north and moved westward. Witnesses in vehicle approaching objects sped up. Lights never reached the vehicle and fell behind. One went to SE and the other to the NE. Duration was 6 minutes.

449	2/6/66	Nederland, TX	5:45 AM CST. Witness awoke and looked out window to see lawn in pulsating red glow. He then saw yellowish-red lights coming from an object above the ground. Object moved towards the airport to the west. Airplane took off from airport and object turned off lights. Light from aircraft illuminated object and revealed a tadpole shape. After aircraft left, object re-energized lights and resumed westward motion at a 25 degree upward angle at a slow speed. Total duration 5-10 minutes.
450	3/22/66	Houston, TX	1:30 AM CST. Noise heard from above apartment. Brightness lit up apartment. Lights flashing and smoky white. Object was hovering and was gone by the time the witness went to the door. Assumed to have gone straight up. Smoke was left behind. Duration 4 minutes
451	3/23/66	Temple, OK	5:05 AM CST. Object parked on highway. Driver stopped car to investigate. Figure went inside of craft and craft rose and departed to SE. Object looked like conventional aircraft without wings. Duration 40 seconds.
452	3/27/66	Texhoma, OK	12:20 AM CST. Seen from car traveling from towards the NE. Red light, first seen as a flash and then flying low, went from NE to SW and faded out. The whole report form with the duration, date, location, was not available. The witness added enough details in the report form to verify it was this sighting and it happened at 12:20 AM on the 27th. Based on the description, the duration was probably very short and measured in seconds.
453	3/30/66	Ottawa, OH	8:30 PM EST. Oblong-shaped object with various colored lights traveled from south to north. Started slow and then increased speed. Duration 8-10 minutes. 15-year old.
454	4/5/66	Alto, TN	11:55 PM CST. Stationary object with dark upper half, yellow-orange lower half, and white streak in middle sighted in the north moving eastward at tree top level. Disappeared to the south after 2.5 hours.
455	4/5/66	Lycoming, NY	3:00 AM EST. Vapor-like object hovering and spinning CCW came down close to the ground with jet-like exhaust. Displayed lighting like static electricity. Departed rapidly towards the north. Duration 60 seconds.
456	5/7/66	Goodfellow AFB, TX	9:00 PM CST. Bullet-shaped object with yellow and blue lights. First seen in the west at elevation angle 35 degrees, traveled SW and then returned to the original position and disappeared. Duration 35 seconds.
457	6/6/66	Spooner, WI	9:20 PM CST. Two bright oval objects revolving and heading in NE direction for 25 seconds.
458	6/8/66	Kansas, OH	6:45 AM EST. Cigar-shaped silvery colored object appeared ahead of observer's vehicle. Went from north to northeast in 1 minute before disappearing.
459	7/11/66	Union, PA	11:15 PM EST. Large bright red with small windows and yellow lights visible in the ENE and descended to the east over a one hour time period.
460	8/19/66	Donnybrook, ND	4:50 PM CST. White silvery saucer-shaped object with dome on top came from SE, hovered over a reservoir, and then appeared to land. Object then disappeared into the clouds rapidly. Duration 5 minutes.
461	8/23/66	Columbus, OH	6:59 PM EST. Luminous white object hovering in the north for 15 minutes. Split into five objects, which streaked away to west in 5 seconds. Total duration 15 minutes.
462	8/26/66	Gayesville, AL	8:51 PM CST. While driving car, witness' saw cluster of four orange-yellow objects moving from east to west in 4.5 minutes.
463	9/1/66	Willsboro, NY	2:45 AM EST. Oval object, with red, white, and blue flashing lights, going from NNE to N low on the horizon. Visible for 30 minutes.
464	9/6/66	Suffolk County AFB, NY	6:50 PM EST. White cylinder of light moved at high speed from east to west, stopped and hovered for three minutes. It then moved slowly north where it disappeared. Total duration 8 minutes.
465	9/9/66	Franklin Springs, NY	9:00 PM EDT. Solid object, the size of a tank and with lights all around it, moved from the west to the east and then to the southwest. It disappeared into trees after 30 minutes.
466	9/13/66	Gwinner, ND	7:15 AM CST. Elliptical shaped object with glass bubble on top moved from the WSW, landed in the west, and departed to the NNW very rapidly. Total duration five minutes. 11 to 12-year old.

467	9/28/66	Wilmington, OH	3:38 PM EST. Three round oval-shaped objects with rings around them were seen hovering in the northeast. Vehicle passed underneath them after 90 seconds and lost sight of them.
468	10/5/66	Osceola, WI	11:35 PM CDT. Stationary object, looking like the moon, sped up and moved from the NE to the WNW in 20 minutes.
469	10/26/66	Cold Bay AFS, AK	2:25 AM AST. White colored object approached from azimuth of 30 degrees. It accelerated down the runway so fast, the tower observer could not follow it with field glasses. Object then went to SW and climbed away. Duration was 3 seconds.
470	11/8/66	Saginaw, MN	12:00 AM MST. Observer driving west along road and noticed lights that were white, orange, yellow, and blue. They flashed different colors. They were at ground level and disappeared when observer got close. Duration was 5 minutes.
471	12/25/66	Monroe, OR	3:00 AM PST. Three round, reddish-orange objects lifted off from the ground into sky after flash/explosion. They then hovered in the skies as lights arrayed in a row north to south. Objects went to the NW over a 90 minute period.
472	2/9/67	Odessa, DE	8:45 PM EST. Large Saturn-shaped object with four lights (outside lights red and green, inner lights bright white) seen hovering over trees near the highway. It slowly moved a few hundred feet north and then disappeared.
473	2/12/67	Grand Rapids, MI	3:40 AM EST. Four fluorescent football-shaped lights traveled from SW to NE in 4-10 seconds. Three in trail formation and one off to the side. Chirping noise heard.
474	2/16/67	Stoughton, WI	7:11 PM CST. One oval approached vehicle, driving north, from the east. Vehicle turned west and object proceeded to the north. When vehicle turned north, object was on the western side of the car. Object disappeared until witness came home when they saw it again to the south. Visible 7-8 minutes. 17-year old.
475	2/25/67	Sioux City, IA	5:25 PM CST. Three separate saucer-shaped objects, with a dome on top, going from SW towards NE. Each object separated by two minutes and each visible for 1-2 minutes.
476	3/6/67	Benton Harbor, MI	1:01 AM EST. Witness awakened by noise and saw saucer-shaped object, with multi-colored lights, traveling towards the west and visible for 40 minutes. Another object joined it and they disappeared.
477	3/6/67	East of Henderson, IL	4:25 AM CST. Saucer-shaped object, surrounded by blue haze, with a red rim emitted a hissing sound. Appeared out of SE as bright light and approached witness. Passed overhead and proceeded NW for 3 minutes, when it shot a beam down. Disappeared to the NW with distance. Total duration 11 minutes.
478	3/9/67	Galesburg, IL	7:10 PM CST. Pancake-shaped object with rim of pulsating red lights seen to the SW. It approached and exploded with a brilliant white light for 10 seconds. The object then proceeded to the NW rapidly and disappeared. No total duration but it appears to have been measured in less than one minute.
479	3/9/67	Onawa, IA	9:05 PM CST. Round object with only one half visible. Straight flight path towards the east. Disappeared after 1-2 minutes.
480	3/22/67	Wapello, IA	10:20 PM CST Saucer-shaped object with dome went from almost overhead to the SW in one minute. 15-year old.
481	3/24/67	Belt, MT	9:00 PM MST. Dome-shaped object landed in ravine. Witness attempted to approach but object lifted off and moved to another ravine. A search the next morning found no traces of a landing or craft.
482	3/26/67	New Winchester, OH	4:00 PM EST. Oval-shaped metallic object going from SE to NW in a tumbling fashion. Duration 30 minutes.
483	4/21/67	South Hill, VA	10:00 PM EDT. Silver colored object on highway for 10 seconds. Object then rose rapidly on a column of fire and disappeared. It left burn spot on pavement. No chemical residue discovered but some matches were found.
484	5/17/67	Rural Hall, NC	8:30 PM EDT. Small orange round object observed moving in zig-zag pattern above aircraft headed from SW to NE. Duration 5 minutes.
485	6/24/67	Austin, TX	3:12 AM CDT. Blue-white, elliptical object rapidly moving. Object stopped when apparently responding to witness flashing a light in Morse code and it brightened for 75 seconds. Object resumed travel and he signaled again. This time it slowed, became dimmer, and disappeared. Traveled from NW to NE. Duration was 9.5 minutes.

486	6/29/67	Scotch Plains, NJ	1:30 AM EDT. Cone-shaped object circled aircraft. It hovered and moved at rapid speeds. A light was on each end. When it came close, a row of blue lights were visible. Southward motion. Duration 8-10 minutes.
487	7/10/67	Lizelia, MS	5:50 PM CDT. Car stopped and radio went silent. After exiting the vehicle, a large object, shaped like a cymbal, was seen passing overhead moving in an easterly direction. It tilted upward and shot up into the clouds. Duration 3-5 seconds.
488	10/18/67	Lake Charles, LA	9:00 PM. Observed object moving at treetop level from NNW to the North. It flashed a red light four times in one minute.
489	2/9/68	Groveton, MO	4:35 AM CST. Awakened by cows. Bright yellow-green object with concave sides visible. Object departed to the SW. Duration 1-5 minutes.
490	6/18 or 19/68	Rocky, OK	4:30 AM. CDT. Illuminated object with many white lights approached from SE and went east. The lights rotated in CCW direction. A helicopter like noise chased witnesses into barn. Duration 2-3 minutes. Two 17-year olds. Confusion on date because reports gave two different days.
491	9/15/68	Ocala, FL	9:30-10:15 PM EDT. Aircraft on 120 degree heading over Cross City. Green light performing acrobatics in direction of flight. Light disappeared after 20 minutes to the south. Second light appeared over Ocala and approached aircraft before going west and hovering. It eventually disappeared. When approaching West Palm Beach, radar reported contact following aircraft. They conducted turn and saw a light descending.
492	10/24/68	Minot AFB, ND	12:30 AM MST. Multiple lights seen in sky by ground personnel. B-52 saw airborne lighted object while overflying area. One radar contact that may be related to air-visual.
493	11/23/68	Newton, GA	8:05 AM EST. Brilliant light above road towards the east. Radio faded to static. Beam emitted downward. Car stopped. Light disappeared in a few seconds by going upward. Duration 3-4 minutes.
494	1/17/69	Crittenden, VA	3:24 AM EST. Observer awakened by hum. Went to window and saw lights in elliptical shape. Made slow up and down motion as it moved forward. It appeared from the south and moved towards the WNW, where it disappeared. Duration 90-120 seconds.