

FALLING METEOR PHOTOGRAPHED

Startling Results Obtained Last
Summer by an Ac-
cident.

AN EXPLANATION IS MADE.

Heavenly Visitor While in Full Flight
Underwent Many Changes and
Then Suddenly Exploded.

A photograph of a meteor in full flight is something of a rarity. Such a photograph was secured by accident last summer by a photographer of Panama, N. Y., who had exposed a plate at night to catch a view of a street in his home town. It was his intention to leave the exposure out for two hours, but a blinding flash of light spoiled his plate, he thought, and for a time he supposed he had been struck by lightning. He gathered up his camera and went home. Next day he learned a meteor had fallen in the

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that would be necessary to get the proper exposure by moonlight. But his operations were cut short in a startling manner.

"A small meteorite, out on a night journey, apparently saw in the camera a chance to obtain a lasting fame, and headed for the camera. Mr. Ryan saw a dazzling flash for a moment, imagined himself struck by lightning. When he recovered from his astonishment he picked up his camera and went home rather disgusted at the failure of his attempt.

"A few days afterward, he developed the plate and was surprised to find on it a clear cut picture of a bursting meteorite, showing its path from the point that it entered the range of the camera at the left to the center, at which point it exploded. In exploding it opened up in almost the exact form of a trumpet flower.

"The scientific explanation of the bursting of the meteorite is that in passing through the atmosphere, the friction generated an intense heat, changing it to a liquid state and then to a gaseous. The explosion shown in



PHOTO OF AN EXPLODING METEOR.

minity, and three days later while developing his plates, a good picture of a heavenly visitor in full flight was secured.

A copy of the photograph is furnished to the Latter-day Saints University. Mr. Ryan heard of the falling meteor while at Chautauqua last summer. He afterwards met the photographer who had secured the picture, and had three prints made. One of them he intends to give to each of the three Utah schools where he has been a student. One will go to the L. D. S. University, one to the B. Y. U. at Provo and one to the Branch Normal at Cedar City.

Mr. Ryan has preserved an extract from the Chautauqua Daily of July 14, 1905, in which an account of the falling meteor and the manner in which it was photographed is given. The extract follows:

AN EXPLANATION.

Some time ago just after the full moon in July, William Ryan of the firm of Ryan & Son, started out to get a photograph of the schoolhouse. He set up his camera and lighting his light down to wait the two hours

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Wm. Keegan, Galesburg, Ill., had cancer of the mouth and throat. Doctor said, "no hope." Mr. Keegan wrote: "It is only a question of a short time before I must die." Today his cancer is healed up and he is well. My marvelous cures cure to its credit. It is saving people every day and restoring them to health and strength. If you have cancer of any kind or sore that you have others have been cured quickly and safely and at very small expense. Do not hesitate to write and tell me about it. I will answer your letter promptly, giving you, absolutely free, full information and proof of many remarkable cures. Address, Dr. Robert Wells, 1271 Radol Bldg., St. Louis, Mo.

THE MISSIONARY—THE SOLDIER OF THE CROSS.

By Dr. Seymour B. Young, of the First Council of Seventy.

COME, let us reason together." There was a time in our history when men were called into the ministry without previous preparation or any opportunity of schooling, who responded to the call without further notice, shouldering their knapsacks and starting immediately to their fields of labor, though they were destitute in a financial way, and often left their families without a supply of daily bread, and oftentimes shelterless, yet there was no hesitancy on the part of those elders, although they left their families under those painful circumstances.

Today we find circumstances changed for the better, so far as the financial and other conditions are concerned. The young missionary now is permitted, and in fact required, to be a student of the gospel and a member of a missionary class in some of our Latter-day Saint institutions of learning, that he may become familiar with, and know how to express in public and in private, the sentiments of the gospel, and inspired to teach its sacred principles. And now when the call comes, after this very necessary preparation, he goes out from home on a palace car, on which he rides with comfort to his field of labor, if in this country, but if across the ocean, in a palace steamer, with every comfort that can be afforded him.

And generally, after the elder gets to his field of labor, his relatives at home furnish him with sufficient means to supply him with the necessities of life during his stay in the mission field. And he has the assurance, also, that the family left at home will not lack for the necessities of life, whether he has gone out from his father's family or left wife and children of his own. Under these improved circumstances, and in consideration of the fact that the gospel must be carried intelligently to every nation under heaven, the Church requires strong men. I mean by this, men of character, men who are clean and pure and who keep the law of chastity, and observe strictly that greatest of all hygienic laws that were ever written, the word of the Lord through the Prophet Joseph Smith, the Word of Wisdom, found on the 321st page of the Book of Covenants. "Read, mark,

learn, and inwardly digest" the entire section.

The Church needs men who are physically and mentally in perfect condition, as well as spiritually and morally. We want men with straight backs, strong arms, and strong legs, with well developed chests. Men who, on account of their physical condition, can run without weariness, who can walk any required distance without fainting by the wayside. A strong body with a resolute soul, free from the weakness of vice or wrong-doing.

In conversation with the foreman of a big railroad recently, the writer was informed that his company was expecting better habits of life from their men than before. Absolute abstinence from strong drink was one of those requirements, and no one of their men on duty, as a conductor, flagman, fireman, or in any way connected with a running train, was allowed to smoke during the hours of his employment. If physical duties, in which is connected merely the matter of dollars and cents for the labor performed, demand these better habits of life, how much greater the necessity for those who go forth to labor in the missionary field to save the souls of their fellowmen? President Eliot of Harvard said recently that for fifty years no student that used tobacco or strong drink had graduated at the head of his class. There are numerous examples that might be cited, but I think with the reading of the revelation before mentioned, on the word of wisdom, and earnestly considering the examples mentioned, enough on this point will have been said in this communication for the present.

I wish to add, however, that during the month of April last, we examined physically and set apart more than one hundred missionaries, of whom about 75 per cent were users of tobacco. The record has brightened since then, and only a few in the month of May have been found breaking the law. True, those brethren were permitted to go on their missionary blessings, the cross stitch workers hereafter they would observe to keep the Word of Wisdom in the spirit and letter thereof. We hope that parents will also impress this thought upon their boys, and the sisters and wives of the young missionaries will help to impress upon them the observance of that law, in order that when they present themselves for their missionary blessings, they may find them better prepared physically, mentally, and spiritually than were those who have heretofore violated this law of the Church.

Recently we have learned with deep sorrow of the death of two of our missionary boys in the Netherlands mission, from that loathsome disease, smallpox. The families of these two

boys, parents, brothers and sisters, have our deepest, heartfelt sympathy. We earnestly pray that the Lord will give them that consolation which He alone can give, and these parents and loved ones may be assured that these noble sons have laid down their lives as martyrs to the cause of truth, and the Lord has decreed that they shall inherit a martyr's crown.

This brings to mind the subject of vaccination. It is generally conceded that all of our missionaries should be vaccinated ere their departure from

home. While this is not obligatory, nor to be forced upon any one against his wishes, yet it is advised by the first presidency that this counsel should be observed in every instance, that elders thus exposed, especially in a foreign country, can be safeguarded by this great discovery of the immortal Jenner. From this time on, the elders will be invited to receive vaccination prior to the time that they report themselves ready to start on their missions. I must quote again here the requirements of one of our great rail-

road corporations; namely, the Oregon Short Line. They require today of their laborers that they be vaccinated, or produce a medical certificate that they have already been successfully vaccinated, or that they have had smallpox, thus making them immune to that very dangerous disease, before being employed upon their line; and the Church considers also that every safeguard should be thrown around our missionaries, especially those who go to foreign lands.

Salt Lake City, Utah.

AN IDEA.

OF the amount of work necessary to equip a house for the use of Gas and what it means to get a Gas Company into working order.

First of all: The manufacturing plant must be built. This takes hundreds of cars of material, special engineers, a large number of skilled laborers, expensive machinery, and requires months and often years to complete.

Then there must be a complete system of mains laid under all the streets where business warrants. This is the work you have seen pushed in Salt Lake all summer and is not yet completed. Thousands of joints must be packed and caulked with lead and tested to see that they are air-tight. These mains must be tapped for each building and pipes run under ground to the houses. This work must be done carefully, especially when a lawn has to be crossed. It is very expensive from the standpoint of the Company and is usually charged to the consumer. The average length of these services is about 75 feet in Salt Lake and are run FREE by the NEW COMPANY. Much time is consumed in running these pipes, and it depends on how fast the applications come in whether or not the company can get them laid before gas is turned into the mains. There are also pipes to be run in the buildings, meters, lights and appliances to deliver and connect.

The New Gas Plant will be completed early in the spring. The first 65 miles of mains will have been laid. All those who have already applied for our service will be connected up and ready. It will be impossible for us to do everything at once, so we ask all those who have not applied to do so at once. If you would like to know more about Gas, a Representative will call on request to explain fully.

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OLD-TIME NFEDLE WORK AGAIN.

Old-fashioned needlework has taken complete possession of the most modern of up-to-date work baskets, and every week or two one sees some one of the kinds of handwork that were in fashion many years ago being revived. Cross stitch is growing in popularity, and very beautiful floral pieces are now being made for cushions, table covers, etc. The designs are quite those that were used when the work was popular many years ago, and the colors used are the dull, deep pinks, dark garnets and shaded greens which go so well with the stiff bouquets and garlands of the patterns. One wonders that some one does not invent an entirely new kind of design for this work, not because the old patterns are not satisfactory, but because nowadays we are always crying for new things. As yet, however, the cross stitch workers seem to be perfectly satisfied with the old pattern. Their aim is not to make a departure into new designs, but to find some particularly quaint old ones to copy—something which none of their acquaintances has come across.

Colored embroidery on white linen is much used for pin cushions. The designs that are in fashion at the moment are scattered and rather slight and dainty. The most attractive work, and also the most difficult, is that which includes open work embroidery in white thread and the colored embroidery in the same designs. For instance, a pin cushion was noticed decorated with corner designs, including scattered blossoms and butterflies. The butterflies were of open work embroidery done in white, supplemented around the wings with embroidery in varicolored linen thread. The tiny blossoms were in different colored linen thread.

A mending of applique work with fancy stitching is seen on the new fancy work which is to be used on useful articles for bedrooms and dining rooms. For instance, a laundry bag made of cotton satin and lined with yellow green had a decoration around the bottom of chimps applique in yellow and green. The design was of tall yellow poppies with green leaves, and

the applique was so put on that the flowers stood up all around the bottom of the bag. The foliage, of course, was around the bottom edge of the bag, while the flowers came half way to the top.

Knitting Afghan shawls, etc., of zephyr and Germantown wool on two needles is also a highly popular industry among the fair sex.

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