

BROKE RECORDS FLYING KITES

Experiments Conducted Along Scientific Lines.

GREAT HEIGHTS REACHED.

Apparatus Especially Constructed So As to Withstand the Terrible Strains.

PROOF TO HIDDEN CAUSE. BOSTON, January 12.—The Blue Hill kite, ten miles to the south of Boston, comprise the highest elevation of land on the Atlantic coast between Maine and Florida.

Here, on the summit of the "Great Blue" is the Blue Hill Meteorological Observatory, maintained by Mr. A. Lawrence Rotch, of this city, as a station of the Astronomical Observatory at Harvard University.

NOTABLE WORK. The work of the Blue Hill Observatory has been notable and interesting in many ways. With the exception of the municipal observatory in New York, it was the first in the country to be equipped with instruments which recorded automatically and continuously all the meteorological elements—except the form and motion of clouds—usually observed at a station of the first order.

But the popular imagination of the most interesting thing done at Blue Hill is the kite-flying—the exploration of the free air, as it is more scientifically called, by means of self-recording instruments attached to kites.

Modern kite-flying for scientific purposes more properly dates, perhaps, from 1821, when Donatus Rodriguez, an Englishman, first used a kite wire instrument, which registered total—as distinguished from continuously recorded—wind movements, and so obtained differential measures of the wind velocity at various heights up to 200 feet.

But the man who is naturally thought of as the person who really perfected the scientific kite is the German, Alexander Eddy, of Bayonne, N. J.

By this time the possibility of true scientific results from kite flying was proved, but Mr. Rotch and his assistants had made many experiments before attaining the present comparative perfection of the kite and the instruments attached to it.

A Banker Praises Tyner's Dyspepsia Remedy.

Worry kills lots of people and sometimes bankers. It impedes digestion, irritates the nervous system and in many ways destroys the health.

WHAT A BANKER SAYS. Mr. Charles E. Currier, of the Atlanta National Bank, says: "I often use Tyner's Dyspepsia Remedy for acute indigestion and have always found that it gives immediate relief."

Price 50 cents per large bottle. For sale by druggists. Six bottles for \$2.50 or sent by express on receipt of price by Tyner's Dyspepsia Remedy Co., No. 1072 South Forsyth Street, Atlanta, Ga.

THE KITE USED. Another kite sometimes used at Blue Hill is Lamson's "aero-curve folding kite," invented by Mr. C. H. Lamson, of Portland, Me.

THE GREAT BLUE HILL. The division between two towns, Canton and Milton, on the dividing-line of which the Observatory stands, commands a beautiful panorama of sea and plain, from Cape Ann, 40 miles seaward, to Grand Monadnock Mountain, 65 miles distant in the west.

THE KITE. The kite used at Blue Hill is a "box" kite, with a curved surface, the surface being curved in such a way that the air striking it is deflected downwards.

TERRESTRIAL STRAIN. Kites are attracted from time to time as the wire tends to sag more and more, and to approximate, near the end of the line, to the horizontal line.

EDDY'S EXPERIMENT. The man who is naturally thought of as the person who really perfected the scientific kite is the German, Alexander Eddy, of Bayonne, N. J.

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Table with columns: Year, Height in feet, Average height in feet, Greatest height in feet. Data for years 1894-1899.

Miller & Rhoads, Famous for Low Prices and Reliable Merchandise.

Our Successful Sale of White Things and Household Dry Goods.

As inaugurated here for this week will open the doors to economy for thrifty women. The White Underwear—so bountifully cut and so neatly trimmed and so well made—will be a revelation of convenience.

ALL OF OUR STOCK OF FINE Suits at Half Price.

The story is very brief—Our entire stock of Suits, so far as quantity is concerned, on hand six Suits, size 34; ten Suits, size 36; five Suits, size 38; one Suit, size 40, sold up to \$15.00 your choice for \$7.00.

SOME BIG BARGAINS IN Trimming Gimps.

Some special styles to close out. You know Gimps are always good. These are cheap! There are also many other bargains at this counter besides Gimps.

Our White Goods Sale.

We launched it Thursday morning with an exceedingly well selected cargo of the finest White Goods of every description. You have never seen the equal in quality, quantity or price.

- Victoria Lawn, 40 inches wide, 50c
Corded Batiste, narrow and medium cords, 15c
Checked Nainsook, for children's wear, 17c
Corded Nainsook, narrow stripes and checks, 18c
Long Cloth, 36 inches wide, 12c
Soft Nainsook, 40 inches wide, 12 1/2c
India Linen, 40 inches wide, 10c
Plain Muslin, large size, 10c
India Linen, 40 inches wide, 12 1/2c
Checked Nainsook, 12 1/2c
Woven Madras, wide stripes, 12 1/2c
Pique, fancy wide stripes, good quality, 15c

SOME GREAT BARGAINS In Table China.

We bought from several large Importers their Sample China—odd pieces, just one of a kind. We will sell these at about little over half their real value.

- 3 dozen Superior, fine quality, China, with neat decorations; they were imported to sell for 50c each; we have just received them and they will be sold for 30c
5 dozen Fast Black Darning Cotton, 5c
1 gross Double-Faced Patent Leather Belts, 15c

Big Bargains Around the Store.

- 100 yards Double-Faced Soft Ribbons, all widths and shades, value 10c, we sell for 5c
50 dozen Fast Black Darning Cotton, 5c
1 gross Double-Faced Patent Leather Belts, 15c

The New Embroidery Stock.

Last week we told you of some unusual values in Cambric Edges. You bought them "in a jiffy"; since then other lots have come and the stock is now much more complete.

How Niagara is Harnessed. Enormous Amount of Power Generated at the World's Famous Falls. One of the thoroughly interesting side trips to be enjoyed in connection with a visit to the Pan-American Exposition will be the trip to Niagara Falls to view the wonderful installation in the big power house of the Niagara Falls Power Company.

The Sale of White Underwear. NEW, CLEAN, FRESH GARMENTS.

The Underwear for this sale is made for comfort—honest sizes, of honest cotton, dainty, refined trimmings, neat, strong sewing—and the prices are unmatched.

- Regular 70c Quality Gowns, finished with tucks and inserting, 50c
None better for \$1.00 nowhere, made of Cambric and Cotton, choice 89c
Regular 1.25 Skirts, finished with rows of tucks, for 98c
Our \$1.95 line of Cambric Skirts, with inserting and tucks and Hamburg ruffle, for \$1.50

THREE SPECIALS IN OUR Dress Goods Department.

This is the month for big Dress Goods values. ALL-WOOL PLAIDS, 36 inches wide, twelve different styles to select from, original price 70c, we sell for 60c.

Housekeepers' Linens and Ready-Made Bedding.

Absorbent Huck Towels, Irish and Scotch Table Linens, extra heavy Ready-Made Sheets and Pillow Cases, torn from the piece, "not cut." This makes the thread wash and iron evenly.

- Twilled Cotton Crash, blue border, good value, 37 1/2c
Glass Crash, red and blue checks, for 64c
Red Border Crash, heavy, 81/2c
Fringed Doyleys, red and blue checks, for 25c
Fringed Doyleys, red and blue borders, for 39c
Dinner Napkins, half bleached, for 75c
Dinner Napkins, Irish linen, extra heavy, for \$1.00
Dinner Napkins, fast set, 1.25
Huck Towels, hemmed, red 10c
Huck Towels, red border, hemmed, a great number at 12 1/2c
Turkish Bath Towels, bleached, good size, for 10c
Turkish Bath Towels, corded, extra heavy, at 12 1/2c
Damask Towels, knotted fringed, colored borders, for 17c

Manufacturers' Short Ends and Our Own Remnants of Wash Goods.

To-morrow, in our east aisle, first floor, there'll be a grand clearance of all Short Ends of White Goods and Wash Goods. Desirable things and very low prices will make enthusiastic buyers.

- Unbleached Cotton, worth 33c, for 25c
Fine Cotton, unbleached, 35c
Canton Flannel, unbleached, heavy, for 83c
Heavy Cotton, bleached, worth 10c to 12c, for 8c
Fine Cambric, worth 10 to 12c, 8c
Sheeting, bleached, double-width, worth 16c, for 10c
Sheeting, bleached and unbleached, for 16 1/2c
Sheeting, unbleached and bleached, for 18 1/2c
Apron Gingham, all size checks, for 47c
Simpson's Black and White Calicoes, for 47c
Outing Cloths, light and dark colors, for 53c
Outing Cloths, dark and light colors, for 63c

How Niagara is Harnessed. The power building is nearly 500 feet long. The front section is occupied by the company's offices, and to the rear stretches the one-story section known as the dynamo room. Beneath this room there is a great slot, over 40 feet long and 20 feet deep, cut into solid rock. It is this slot, or wheel-pit, that forms the home of the ten powerful turbines that give power to the dynamo or generators in the station.