

PRACTICAL USES OF WEATHER FORECASTS

Save Merchant and Stockman From Losses.

Washington.—One product of the government which is gaining increasing use in the commercial world is the weather forecast. Everyone is familiar with the laconic sentences which appear in all newspapers forecasting the weather for the following day. These forecasts, by the way, now have reached a mark of more than 90 per cent accuracy.

When one speaks of weather in most parts of the United States, the idea of rain is probably the first mental reaction. To show how this idea has been commercialized one may read the experience of a large umbrella dealer.

Then it occurred to him to approach the matter scientifically and he got in touch with the weather bureau. He was furnished with charts showing the usual distribution of precipitation in his part of the country. After studying these, he worked out a chart which proved an efficient guide to the amount of rain which would fall in the various months of the year.

A western sheep raiser furnishes another interesting example. He had suffered losses by purchasing young lambs and having them killed by adverse weather conditions.

Architects and builders, especially in regions where snow falls, are more and more consulting weather charts as a guide to the construction of roofs.

The weight of snow resulted in a curious dispute in the West some time ago. A flock of sheep was purchased on the basis of so much a pound.

Evidence in a lawsuit. An important lawsuit is pending in the state of Utah in which the weather bureau is furnishing material evidence.

Irrigation projects in the vicinity and power companies set up a claim that the mining company had illegally diverted the water from the surface stream by tapping its underground sources.

How the weather records can be used in personal matters is revealed in the case of a brand-new limousine which was overturned on an open road.

Almost innumerable cases of practical use of weather records are on file with the weather bureau and it is expected that increasingly frequent use will be made of the bureau as the commercial world learns the value of the data available.

Bar Face Powder Hillsdale, Meb.—The All Face and No Powder club has been formed by high school girls of Jonesville.

TAHITI FARMERS ARE ENRICHED BY BEANS

Kanakas Live High as Price of Vanilla Soars.

Papeete, Tahiti.—A great demand has arisen in these western islands for bicycles and motor cars, although the roads are mere tracks.

The Chinese in Papeete have endeavored to satisfy the demand by combing all the old junk heaps for antique bicycles and antique "tin lizzies."

This is one of the consequences of the visitation at Papeete of "vanilla millionaires" from the Leeward group of the Society islands.

The roads in and about the city have become perilous from drivers, chartered by the week, loaded with fat Kanakas, who rush about at high speed, to the consternation of pedestrians.

This orgy of spending will continue until the last franc is gone. Then the natives will return happily to the peaceful shores of Raiatea and Bora Bora and resume their old pursuits of climbing the mountains for "fel" and combing the roofs for fish.

Daughter of Rasputin Makes a Visit to Paris



Maria Gregorievna, claiming to be the daughter of Rasputin, the famous evil genius of the late czarina of Russia, arrived in Paris recently after many tribulations and adventures.

Many Old People

Hutchinson, Kans.—Hilstead, with a total population of around 1,200, has more than forty residents more than seventy-five years old.

Find House Built of Mud 200 Years Ago

Philadelphia.—After weathering the sunshine and storms of perhaps two centuries, a two-story house, built of mud from foundation to roof, has been discovered by a building inspector and condemned.

Close examination of the unique structure, which stands at 322 Buttonwood street, revealed that builders of 200 years ago used the same methods of pouring mud into wooden molds as is used today in the construction of modern concrete buildings.

To the generations of men, women and children that have passed it, the house has stood as a landmark, but not one of noteworthy history.

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HIGH TEMPERATURE EFFECT ON THE BODY

Man Cannot Endure More Than 90 Degrees F.

Washington.—That the human body, in a state of rest and in still air, cannot endure indefinitely a temperature higher than 90 degrees Fahrenheit with 100 per cent relative humidity, has been determined by Department of Interior investigators at the Pittsburgh experiment station of the bureau of mines.

Loss of weight in the subjects experimented with gradually increased with an increase in atmospheric temperature. Whenever the subject drank ice water he immediately gained in weight, and in all cases the subject, within 24 hours, usually regained the entire weight lost.

It was found that the exhaustion and weakness following subjection of human beings to a very high temperature and humidity for a short period is not so severe as subjection to a moderately high temperature and humidity for a longer period.

The pulse rate, rather than the rise in body temperature, apparently determines the extent of the discomfort experienced by the subject. Subjects became very uncomfortable after the pulse rate exceeded 135 pulsations per minute, and complained of unbearable and distressing symptoms when the pulse exceeded 160 per minute.

The health, comfort and efficiency of men engaged in the mining industry may be impaired, in some instances very seriously, by abnormal physical conditions of mine air or by variations in its composition.

As it is difficult to carry out studies on many controlled temperatures, it was thought best to make the present experiments in a laboratory and apply the results to the mining industry in so far as practicable.

The experiments were conducted in two fully equipped chambers, insulated by cork board, designed to maintain air conditions at a desired temperature and humidity.

In addition to counting the rate of respiration by an observer, the rate was also recorded at intervals unknown to the subject by means of an inflated tube strapped around the chest and connected by long rubber tubing to the kymographion placed in the room adjoining the chamber.

While irrelevant to the present study, an attempt was made to determine the cause of the inflammation of the eyes, of which workers in the industries so frequently complain.

On a day when the eyes were normal a small quantity of sweat, which had been collected during an experiment, was dropped in the eye.

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Jap Wages 78 Cents Daily

Tokyo.—The average daily wage of Japanese laborers, including women, is 1.55 yen—at normal exchange about 78 cents in American currency—according to figures published by the home department.

SAYS TUT-ANKH-AMEN WAS REALTY SHARK

Overcharged Abraham for Land for Wife's Tomb.

Washington.—King Tut-Ankh-Amen was a real estate speculator and Abraham was forced to pay forty times what land was worth in order to obtain a burying place for his wife.

"Ancient Babylonian and Egyptian civilizations endured just as long as the common man owned real estate," Doctor Luckenbill said.

"Mortgages and rent are as old as the oldest form of records. They were written on clay tablets in tiny rows of wedge-shaped characters in a time that antedated King Tut's reign as much as he antedates the modern realtor."

"From a study of hundreds of ancient real estate transactions I am able to tell you," he said, "that Abraham paid from forty to fifty times as much as the field was worth."

Swamp Snake Found Far From Its Native Habitat

Columbia, S. C.—A party of students, headed by Prof. J. D. Corrington of the University of South Carolina, while searching woods and ponds near here, made what is believed to be a scientific discovery of importance.

Game Wardens Face 78 Below on Alaska Trip

Anchorage, Alaska.—Frank Dufresne, fur warden at Nome, and his trail assistant, Fay Delezone, a noted northern dog musher, encountered some of the coldest weather known in the territory during a trip last winter to the north of the Arctic circle.

"An interesting fact," said Dufresne, "is that when the thermometer registers 60 degrees below or colder, animal life ceases to move and burrows into the snow, remaining there until the weather warms up."

Loneliness Kills Bees Ants and Other Bugs

Heidelberg, Germany.—Loneliness will kill bees and other insects quicker than bad food, says Prof. Wilhelm Goetsch, a German entomologist, who passed several years studying the habits of all kinds of bugs.

Sees "Pearly Gates"; Struck Down by Sight

Hogland, Wash.—Reports that an intoxicated man was lying in the street a few blocks from police headquarters sent policemen hurrying to the scene late at night, but the man, Ernest Deoer told the officers he had just started home from an evangelist meeting when he saw the pearly gates of heaven opening in the sky and was struck down by the sight.

GREAT EXPOSITION IS PLANNED FOR TEXAS

St. Louis World's Fair to Be Outdone, Is Hope.

Bowie, Tex.—While no date, nor even a definite year, has been fixed for the event, preliminaries for holding a centennial exposition in Texas have been completed.

At a recent meeting of the committee in Austin, at which a temporary organization was effected, it was generally agreed that the exposition should be held within three years.

Probably no subject since Texas gained its independence from Mexico in 1836 has so engaged and crossed the people of the Lone Star state.

Rose Named for Wife of President Wins Honors



The Mrs. Calvin Coolidge rose is the name of the flowers held by the young lady in the picture. They were exhibited at the annual show of the American Iris society.

Sells Napoleon's Flags in Tiny Bits to Tourists

Paris.—A watchman employed in the Invalides was recently arrested charged with clipping bits off of Napoleon's battle flags draped over the emperor's tomb and selling them as souvenirs to tourists at \$10 a piece.

Playful Fireball Rips Roads, Trees

London.—A fireball played havoc in Stansted, Essex, when it struck the bottom of a tree-trunk and started on a tour of destruction, according to the Stansted correspondent of the Daily Chronicle, who was buried from his automobile by an explosion the fireball caused.

Change to Be Made in Twelve Shipboard Craft

Washington.—Immediate conversion of an initial group of 12 shipping board cargo vessels to Diesel-propelled types is planned by the board, whose experts have been studying for several months a program which eventually will involve an expenditure of \$25,000,000, the amount authorized by congress for this purpose.

ORE SMUGGLING IS VIRTUALLY STOPPED

Buyers Must Try to Learn Source of Metal.

Denver.—The game of "highgrading," which has been an annoyance to the mining of precious metals throughout the world, has been virtually stopped in Colorado mining camps during the last five years as a result of the efforts of special agents working under the direction of the secretary of state in enforcing the Ore Buyers' act passed by the Colorado assembly in 1915.

The term "highgrading" came from the practice originating in the theft and sale of high-grade metal ores by miners and the subsequent conversion of the ores into gold and silver bullion for sale to the United States mines.

Change Rooms Installed. Some mines operating with extremely valuable veins installed "change rooms" where workmen were required to change clothing on entering and leaving the mine, but even this scheme was not to have been entirely effective as the certain small percentage of dishonest miners managed to find some way to smuggle ore outside.

Penalty for Falsifying. Giving false information to a buyer is made a punishable offense. In this way the special agents have been able to check the activities of unauthorized sellers.

Broke in Argentina, He Scrubs Way Home New York.—Benjamin D. Short, jolly 220-pounder, his palms calloused from muzzling the decks of a liner during its voyage from Buenos Aires, smiled jovially as he helped lower the gangplank on which his wife, Mrs. Alice K. Short, and other passengers departed here.

Bulgarian Swallow Brings Back Message From India

Sofia.—Two swallows of the spring have brought replies to messages they carried when they flitted for warmer climes last autumn.

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