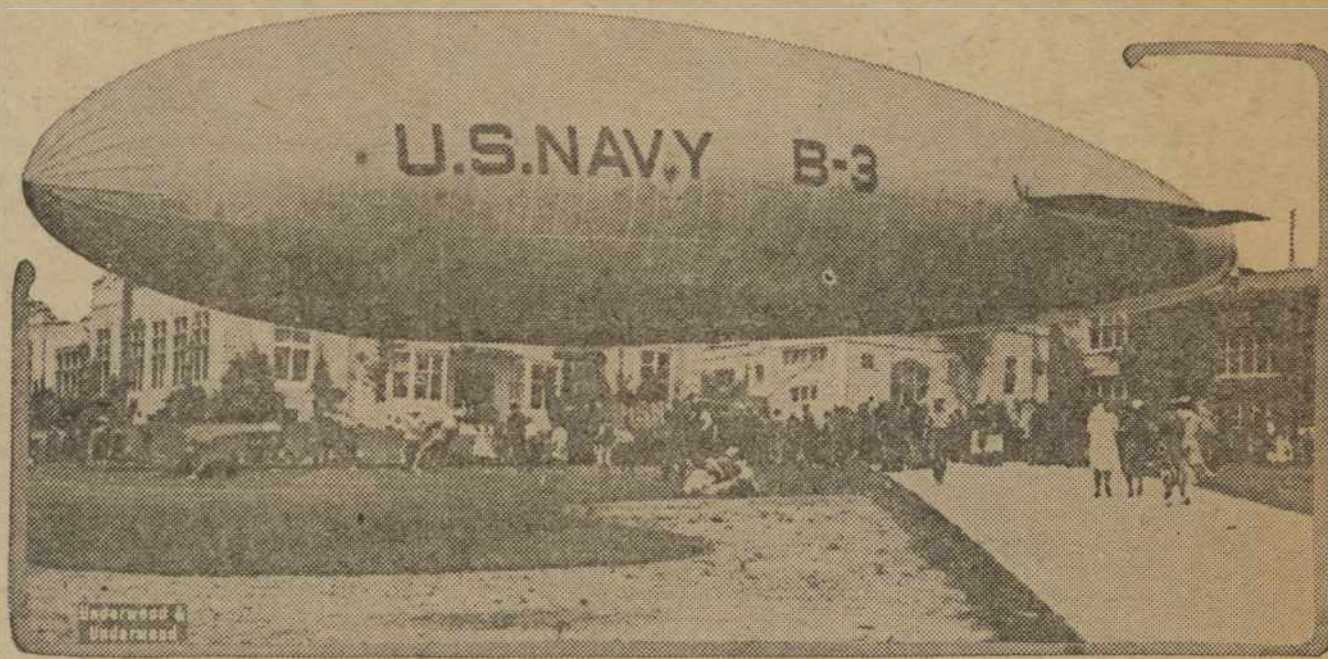


Naval Blimp Makes a Forced and Lucky Landing



San Diego officials were recently the guests of the officers of the naval air station on a flying tour over the city, when the rudder of their big Blimp, the B-3, collapsed. Lieut. Gordon McDonald, the pilot, kept his machine going, although he knew not whither, and changed to drift low, over this soft-looking spot—the high school lawn, and settled on it.

Many Served by Weather Bureau

Activities of Forecasting Department Cover Many Features That Are Little Known.

OF GREAT VALUE TO SHIPPING

Services Specifically Beneficial to Agriculture—Timely Warnings for Stockmen—Aids Efficiency of Forest Fire Fighters.

(Prepared by the United States Department of Agriculture.)

It is quite probable that the weather bureau of the United States department of Agriculture is performing services unknown to you, of which you might be availing yourself with profit. The daily weather forecast appearing in the corner of the morning and evening paper is but one of many services. If you do not know of the others it will be worth while to read about them, particularly if you are a farmer, truck gardener, stockman, planter, or dealer in perishable products, for the weather bureau makes the effect of the weather on these businesses its constant concern. The daily "prophecies" are among the oldest features of the service, but other forecasts have been added from time to time, so that the list now contains many surprises to the average reader.

Day-to-day forecasts are issued 36 to 48 hours in advance. These relate to the general weather, temperature, and wind conditions for the various state units. The forecasts are issued at approximately 9:30 a. m. and 9 p. m. The first of these is given general distribution through the display of weather and temperature flags, the telephone, printed cards, and bulletins, and the afternoon press; the second one is distributed mainly through the various press associations for appearance in the morning newspaper.

Indicate Weather for Week Ahead. Weekly forecasts are issued Saturday of each week for larger areas than the day-to-day forecasts, and set forth the expected general conditions of the weather for that period in advance. These are disseminated largely through the press, but also through mailed cards and bulletins.

Local forecasts are issued daily by the officials of the more important weather bureau stations for their respective regions. These include a statement as to the probable weather, temperature, and wind, and during the winter months, the probable minimum temperature.

Warnings of violent and severe storm conditions at sea are given in the interest of navigation of the coastal waters, the Caribbean sea, and the Gulf of Mexico, the Great Lakes, and the region around the Hawaiian Islands. The advices cover also storm conditions of only moderate intensity

for localities in which the operation of small craft is involved. On the occasion of violent storms on the Great Lakes or Gulf no means is spared to spread the advices and warnings as far in advance as possible. Warnings are broadcasted by wireless to ships afloat.

River and flood warnings: This service is of great value to the commercial, industrial and agricultural interests in whatever regions are inundated. It always is effective in saving vast amounts of property, and in some cases great saving of life also results.

Valuable Aid to Food Shippers.

Shippers' forecasts: During the winter particularly this service is of special benefit to those concerned in the movement of perishable products. Commission merchants, shippers and agents handling commodities of this character are advised in advance of temperatures detrimental to perishable products and to which shipments in particular directions are likely to be exposed. This enables railroad men and others interested to properly protect shipments by heating or icing cars, and in other ways to mitigate the losses and claims which would result from damage in shipment.

The foregoing important services of the bureau bear only indirectly upon the agricultural welfare of the nation. The services listed below, however, are specifically beneficial to agriculture.

Frost warnings and special fruit frost service, alfalfa warnings, etc.: It has been conclusively demonstrated that the damages by spring frosts in the horticultural sections of the country can be greatly mitigated, or even prevented entirely, by proper methods of artificially heating the orchards. The weather bureau undertakes to tell the orchardist when frosts are coming, what the probable minimum temperature will be, and even to specify the time to light the orchard fires and to perform other operations. A like service is extended to trucking interests, sugar-cane growers, and many other agricultural interests which may be benefited by forewarnings of early or late frosts and of atmospheric conditions detrimental to them.

Timely Warnings for Stockmen. Advices of weather conditions favoring the cutting and harvesting of alfalfa, and operations of like kind, is another specific service in the interest of agriculture.

Cattle region service: This is a service operated during the summer season especially. Authentic information is disseminated concerning weather, especially precipitation conditions over the stock ranges and stock-raising districts of the West, enabling stockmen to determine the best distribution of their cattle in the grazing districts and the places where grazing is most plentiful.

Stock warning service: This is closely allied to the cattle region serv-

Eats Eggs Taken From Snake; Has Weird Dreams

Winchester, Va.—E. W. Knee, prominent churchman and merchant of Marlboro, Va., was "dead sure" he saw snakes while he slept, and he is not yet entirely convinced he didn't.

Mrs. Knee had an encounter with a six-foot black snake while she was gathering eggs late in the afternoon. The snake was coiled up under a hen, and Mrs. Knee touched the serpent when she reached in to get the eggs the hen had laid.

After the snake had been killed an egg came out of its mouth, being the egg the hen had laid while sitting on the snake. Mrs. Knee, it was said, laid the egg aside, but Mr. Knee got it by mistake, boiled it and ate it. During the night he had terrible dreams, neighbors said, all caused by eating the egg.

ice. The weather bureau advises the stock-raising interests of the approach and severity of cold waves, storms and atmospheric conditions injurious to cattle. With ample warning in advance, the weak stock can be brought to shelter, and enormous losses prevented.

Fire weather service: The studies of the foresters and weather bureau employees have resulted in supplying a service on the part of the weather bureau to the national and state organizations which is helpful in the prevention and control of forest fires. Its advices to forest-fire fighting agencies promote the most effective distribution of fire prevention and suppression agencies.

Weather and crop bulletin: The object of this bulletin, issued weekly, is to get the fullest possible information to the agricultural interests as to the weather conditions week by week. The effect of the weather on crop conditions is also mentioned. The bulletin is issued at a great many outlying stations, and also at Washington.

Highway weather service: This service, which is of a general character, was inaugurated in a limited way as an outgrowth of war conditions. It consists of adding to the forecast messages and bulletins issued by the bureau at a number of its stations, advices as to the conditions of the principal highways of travel. This information is of interest to large numbers of highway users, but owing to limited funds the service is not extensive.

Any person or concern desiring to secure the benefit of one or more of these services should send a request to the weather bureau, Washington, D. C., stating as specifically as possible the use that he will make of the information asked or the character of the interests that will be served thereby.

COHENS LEAD IN NEW YORK

More Men in War Service by That Name than Any Other in City—Smiths Lead in State.

New York.—The Cohens led New York's fighting forces in the World war. The war record bureau of the state bonus commission has found that more soldiers and sailors of that name than any other were in the service from the metropolises.

The Smiths, however, are ahead in the entire state. The bonus commission estimates that about 5,000 of them wore the uniform of the United States while the Hindenburg line was being smashed.

In the state the Cohens numbered 2,500. There were 2,400 Millers, 2,000 Sullivans and 1,800 Joneses.

New York Home Building Booms.

New York.—New York city's home building campaign has passed the \$100,000,000 mark since the tax exemption ordinance went into effect, according to Harry Curran, president of the borough of Manhattan.

Since February 25 plans have been filed and construction begun for dwellings to house 20,897 families, as compared with buildings, costing \$37,143,000, to house 6,004 families during the same period last year.

INCREASED AVERAGE OF PUREBRED SIRES

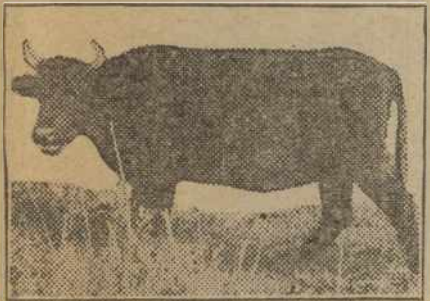
Progress in "Better Sires—Better Stock" Campaign.

Altogether 431,139 Head of Domestic Animals and Fowls Have Been Enrolled by Owners—Greatest Activity in Ohio.

(Prepared by the United States Department of Agriculture.)

A noticeable increase in the number of purebred animals listed in the "Better Sires—Better Stock" campaign is the principal development during the first three months of 1921. The result has been to raise the general average of purebreds for the whole campaign 1½ per cent. Altogether 431,139 head of domestic animals and fowls have been enrolled by their owners.

Of that number 22,005 are purebred sires and the remainder are females of various breeding, but all were bred



The Use of Scrub Animals on Any Farm Is an Expensive Practice.

to purebred males, according to the owners' pledges. Although the number of purebreds, as noted, increased noticeably, more scrubs also were listed than in any previous quarterly period, thus helping to accomplish one of the main objects of the campaign, which is to grade up inferior animals by the use of good purebred sires.

The greatest activity during the current year, so far as enrollments are concerned, has occurred in Ohio, with Nebraska second. In justice to other states it may be added that several, from which only a few pledges to use only purebred sires were received, have been active in other branches of the work, particularly in the procurement and distribution of purebred sires of good quality. Kentucky and numerous other states, including West Virginia, Minnesota, Wisconsin and Virginia, are launching aggressive drives against inferior sires, particularly scrub bulls.

A feature of interest during the first quarterly period of 1921 was the dispatch of five emblems of recognition to far-off Guam, our island outpost in the Pacific, thousands of miles beyond Hawaii.

PRESERVING SOIL MOISTURE

Pernicious Practice of Permitting Water to Escape From Soil Should Be Discouraged.

The practice that prevails in some irrigation localities of letting the natural moisture escape from the soil, with the idea that more water can be applied when it is needed, is most pernicious and should be discouraged, say specialists of the United States Department of Agriculture. If the moisture that gets into the ground in the form of precipitation or as irrigation water is retained by the soil it will enable the soil organisms to act upon the plant foods, rendering them available for plant growth. There is a feeling of safety in having an unlimited supply of water for irrigation purposes, but it should be remembered that irrigation costs money and labor; precipitation is nature's gift.

PERSONAL VISIT TO MARKET

Grower Enabled to Acquaint Himself With Distributors and Improve Marketing Practices.

Many times a personal visit to the market will more than repay the shipper for the cost of the trip, says the United States Department of Agriculture. Points that seem trivial to the producer often are very important to the dealer. Such a visit enables the grower to acquaint himself personally with the distributors, to select trustworthy representatives, to learn the difficulties of the "man at the other end," and to improve his marketing practices.

POTATO STORAGE A SUCCESS

Much Depends on Quality of Tubers, Temperature, Moisture and Size of Piles.

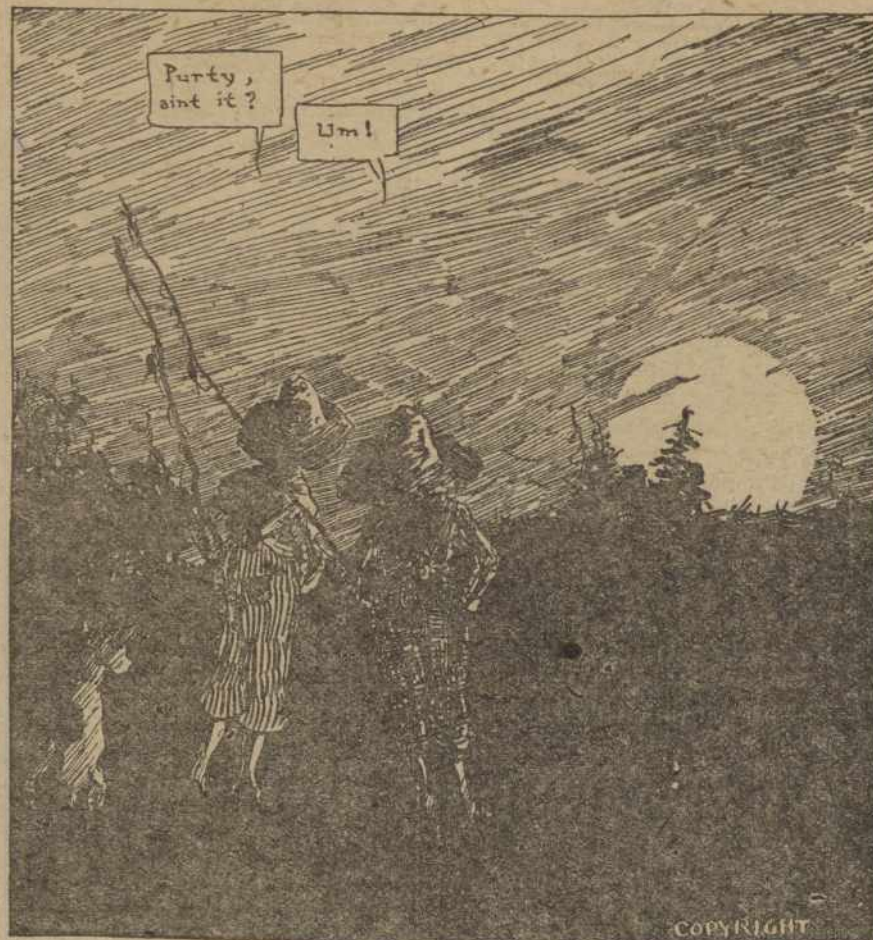
Successful storage of potatoes, says the bureau of markets, United States Department of Agriculture, is dependent on such factors as the quality of the tubers stored, the temperature at which they are held, the moisture content of the air, the size of the storage piles, and the exclusion of light. The proper temperature ranges from about 35 to 40 degrees Fahrenheit.

MUST BE PRACTICAL FARMER

Not Worth While to Send Carpenter to Tell Tailor How to Put a Coat Together.

Men who act as field agents must be practical farmers. There is no use in sending a carpenter to tell a tailor how to make a coat, even if the carpenter happens to be pretty well read up on coats.—Dr. Seaman A. Knapp.

SCHOOL DAYS



Mother's Cook Book

'Tis looking down that makes one dizzy. —Browning. Don't worry when you stumble; remember, a worm is about the only thing that can't fall down.

SUMMERY FOODS.

DISHES easy of digestion and those refreshing as well as easy to prepare are those that interest us during the warm days.

Creamed Chicken in Crown of Rice.

For a crown mold holding one pint of material, wash a scant cupful of rice and cook in one quart of chicken broth, in whole or part. Salt, using one-half teaspoonful. When done butter the mold and pack in the rice. Set the mold on several folds of paper in a dish of boiling water and let cool until the filling is ready. Melt one-fourth cupful of butter. In it cook one-fourth of a cupful of flour, one-half teaspoonful each of salt and pepper, a scant pint of liquid, broth or milk, one or both. Fill the center with the creamed chicken and serve at once.

Sardine Hors d'Oeuvre.

Cut Boston brown bread into rounds. Cut out a thin round one-eighth of an inch from the edge. Fill this open space between the two with sardines skinned and boned, seasoned with lemon juice, salt and paprika and Worcestershire sauce mixed together. Salt a slice of hard-cooked egg at the center and a row of capers around the edge.

Coffee and Tapioca Trifle.

Have ready two cupfuls of clear strained coffee and one-half cupful of pearl tapioca. Cook the tapioca with the coffee until well done. When done add one-half cupful of sugar, a pinch of salt, turn into glass cups and finish when cold with whipped sweetened cream.

Green Peppers Stuffed With Mutton.

Cold mutton chopped, some of the gravy or sauce with which it was served may be mixed with it, seasoning well and use as a stuffing for green peppers. Cut the peppers in halves or remove the tops; parboil for five minutes; drain and chill, then fill. Bake in a moderate oven basting with broth occasionally.

Nellie Maxwell
(© 1921, Western Newspaper Union.)

LYRICS OF LIFE

By DOUGLAS MALLOCH

A PLACE TO TIE.

I'VE noticed afloat and a-tramping,
I've seen it on river and land,
The thing that the most
You need is a post
To tie to when night is at hand,
Some sort of an anchor to hold you,
Some hawser that never will fall,
Some place you can tie
Till the storm has gone by,
To help you to ride out the gale.
So many go foolishly drifting
While rapids are roaring below,
Afloat on the tide
Without compass or guide,
Till down to disaster they go;
We need of us all is an anchor,
A painter to tie to the shore,
Some place to make fast
Till the tempest is past
And the waters are rolling no more.

Many afloat on the river,
The turbulent river of life,
Have only their own
Poor resistance alone
To conquer the trouble and strife,
A fellow needs something to tie to,
His trail o'er the sea or the sod,
Some friend that is true
Who will carry him through—
A woman, a pal, or a God.
(Copyright.)

THE ROMANCE OF WORDS

"BLACKGUARD."

IN OLDEN days the palaces of kings and the palaces of nobles were by no means as well furnished and as clean as they are at the present day, and it was customary when members of royalty or the nobility visited each other that the guest should bring with him all his kitchen utensils, pots, pans and even a certain amount of coal. The scullions and lesser retainers had charge of these goods, rode among them, were smutted by them and received the contemptuous appellation of the "black guard." In time the word came to be understood as meaning any troop or company of ragamuffins, and finally, when its original application had been buried in the lore of centuries, it was applied to a single person as an epithet of opprobrium—as being synonymous with a rogue or rascal who would stop at nothing in order to gain his ends.

It was in the earlier sense, however, that Dryden used the term as a stage-direction in his play "Don Sebastian." "Enter the captain of the rabble with his black guard at his heels," and Fuller likewise spoke of the "devil's black guard" in the Crusades as meaning the number of thieves, debtors and runaway slaves who joined in the Holy war.

(Copyright.)

THE GIRL ON THE JOB

How to Succeed—How to Get Ahead—How to Make Good

By JESSIE ROBERTS

THE TRAINED NURSE.

NURSING is going to be a greater opportunity for the right woman than ever before in the history of medicine.

There is going to be better regulation of working hours and an advance in salary. For the demand is exceeding the supply and inducements to take up the profession must necessarily grow more attractive.

If you want to be a nurse it is your duty to take the training, for you are wanted, and your work waits for you.

In some of our states there are no laws making the registration of nurses compulsory. Because of this, untrained or partly trained women compete with the trained nurse for private work. Laws must be passed that will alter these things for the better. The Red Cross is hoping to demonstrate the need of the properly trained nurse so strongly that every community will be led to demand a proper registration law and a certain degree of training for its nurses.

In choosing your training school, be sure that you select a first-class hospital. You will get infinitely better treatment and your diploma will count for far more.

Nursing is hard work, but for the woman with a vocation it is work that she loves. A graduate nurse is a valuable member of the community. Her standing is secure, and she can be sure of a good income. In her professional life she is thrown with men and women of high caliber. If you have any leaning that way, it is worth much effort to get started.

(Copyright.)

Small House.

"Somebody in the audience laughed during my death scene," complained the eminent tragedian.
"Don't you worry about that," said his manager, soothingly. "I had the fellow put out."
"But why did he laugh?"
"I don't know. If he were the manager of this show he wouldn't laugh."
—Birmingham Age-Herald.

Taft Taking Oath as Chief Justice



Ex-President William Howard Taft taking the oath of office which made him chief justice of the United States. The simple ceremony took place in the office of Attorney General Daugherty, the oath being administered by Chief Justice Hoehling of the District Supreme court.