As Weather of the North American Continent is Made in Arctic Regions-Radio Proves Invaluable

ant director of signals, has returned planes operating in the district. to Ottawa after a 9,000-mile inspection | To complete the chain of stations jected air mail stations.

at which are situated the most north- north at present it is necessary to erly of all the government radio sta- communicate with Edmonton by wire. tions. These stations, in the far Besides the northern stations which Northwest, he explained, are invalu- were erected primarily for meteoroable in providing weather reports. In logical and commercial purposes, this area the weather for the greater Colonel Forde visited the many stapart of North America is made, and tions in the northern sections of Sasreports from the district enable the katchewan and Manitoba which have meteorological stations to make accur- been erected in recent years to serve ate forecasts.

Montreal.—Enthusiastic about the Development of civil aviation in the services rendered by the Canadian district has given the stations an addigovernment's radio stations on the tional value in supplying reports to prairies and in the Northwest terrishores of the Great Bear Lake has led tories, Colonel E. Forde, D.S.O., assist- to a large increase in the number of

trip, in the course of which he visited which stretches north along the waterproposed district headquarters and way system of Lake Athabasca, Great signal units in military districts Nos. Slave Lake and the Mackenzie River, 10, 11, 12 and 13, and a number of pro- Colonel Forde thinks a new station at Fort McMurray is needed. It is a na-Colonel Forde's farthest north visits tural jumping-off place for air traffic, were at Akiavid and Herschel Island, and to get weather reports from the the growing air traffic in those areas.

Girl Guide News

The Marguerite

The Marguerite grows in the fields and flowers chiefly in the late Summer. It has an irregular shaped leaf, 1 cup milk, 1/2 cup water. Bake in an and a long graceful flower-stalk, at the end of which the flower bud opens into a large, flat head.

We cannot call it a flower, as it really consists of a flat head of little yellow flowers, surrounded by a ring of long white florets, each of which is also a true flower, although they look like petals.

They are very hardy flowers and live a long time in water.

I once read in a book that the Marguerite is the wisest of all flowers. F. H. Martin of the 5th Leyton Company has sent us the following story of the Marguerite.

D. Rudyerd-Helpman.

Legend of the Marguerite Once upon a time there was an Eastern princess who had always seen only the dark-haired, brown-faced babies of her own country. One day Miftani, between each layer place brown sugar. with the story of a marvellous vision great value to heavy colds. he had had, in which he had seen a A mixture of turpentine and vaseline. any children he had ever seen before. treatment of colds. She had short, curly golden hair, and her face was the color of the most delicate rose. She wore a most exquisite piece of wax paper and roll them with a little annoyed because the wise man had announced the child as being more beautiful than she, who was named by all "Marquita," which means "The most beautiful of Lotus buds." Never could she imagine a baby with fair

tiful lady weeping, for the child had died. Now Marquita, like all the peo- tional Academy of Sciences his experiple of her land, believed that when a ments with crows, says the supposedmortal died he left his soul in the ly invariable migratory instinct apkeeping of a flower, and she at once pears due to some hormone. This is commanded her slaves to seek for the an extremely important chemical sub-

Muftani had a third vision. This time length of day. he saw an island in a blue, blue sea; a beautiful island, named England. In changed the "seasons" for a group of shown in both large and small designs. its grassy fields fair-haired children crows so far as day and night were noticed only one blossom, in which he cially equipped aviary, the birds, for polished with a soft cloth. knew must be the soul of the little the most part, took an opposite route giri, for its centre was the same color from that followed by another group as the curly hair, and the silver petals of crows held captive under natural reminded him of the wondrous crown. conditions and set free a few hours As soon as she was told, Marquita and earlier. all her attendants came to the island As she was walking slowly through a meadow, the Princess heard a tiny White Signal New Curb like her own name. Bending down, she found the flower she sought at her

"Did you call me, little Golden a small white signal. Head," she asked gently.

"I whispered my own name which is or when for other reasons the electri-

"If we let a criminal select his own to die of old age."-Lewis E. Lawes.

when he knows why things happened tra surge of power that comes over when they did."—Archbishop of York, alone when lightning strikes.

Economy Corner

Ham Baked in Milk

Slice of ham 1 inch thick, 1 tablespoon flour, 1 teaspoon brown sugar, oven until ham its tender. Hot Vinegar

Will quickly reduce the pain or swelling caused by a sprain or bump. Cold in Chest

A flannel dipped in boiling water and sprinkled with turpentine laid on the chest as quickly as possible will relieve the most severe cold or hoarse-

Oatmeal Water

Put 1 cup of oatmeal in a stone jar; add 1 cup of sugar and the juice and rind of 3 lemons cut thin. Cover with 2 quarts boiling water and let stand until sugar is dissolved and the water is cold. Strain and chill.

Good Cure For Colds

An excellent cure for cold is to cut up a Spanish onion in thin slices and her wisest councillor, came to her The syrup resulting from this is of little girl-child quite different from It is invaluable to rub on the chest in

Chopping Walnuts

saves the oil in the nuts.

Grows Reverse Migration

Under Stimulus of Light

Dr. William Rowan, of the University of Alberta, in reporting to the Naflower in which was the soul of the stance released in the blood stream by bines beautifully with orchid, reseda amount of vitamin B in vegetables and one of the glands of internal secretion green or yellow, and peach and blue is fruits." Again three years passed by and which is believed activated by the regarded as especially smart.

On Lightning Damage

Schenectady, N.Y.—The latest manmade curb for lightning destruction is

"No, no," answered the dream-child. line towers whenever lightning strikes It jumps into view on high tension cal power get out of hand and flashes outside insulators.

The white target is a signal for a way to die most of them would choose lineman to climb the tower and look for lightning damage. It is operated by instruments capable of measuring "A man only becomes educated in split millionths of a second the ex-

Largest Radio Show in Canada Will Be Held September 22

Montreal.—The largest radio show vinces. In view of this several manuin Canada, the seventh annual radio facturers have arranged to hold conexhibition, will be held here from Sep- ventions during the exhibition, and tember 22 - 27, according to a recent ers will attend the conference they announcement made by E. M. Wilcox, are planning. manager.

Three large halls in the Windsor Hotel will be used to display the latest year, will be on view, and thus the models of sets, and it is anticipated public will be brought up-to-date on that, following the experience of pre- the developments in the radio busivious years, many thousands of people ness, now one of the largest on the from Montreal and eastern Canada continent, since the last radio exhibi-

All the new models of sets, with the improvements effected during the last

tion. As this marks the opening of the Arrangements have been made for radio season in Canada there will be a several special features by the manlarge attendance of dealers from On- ager, who stated that broadcasting of The King in Scotland



After holidaying at Cowes, the King and Queen made their first visit to coming to grief on jagged rocks just Scotland in two years. Above—The King stops to chat with Major R. D. below the surface of the Gulf of Hunter, commander of guard of honor at Ballater station.

Praise

He made his little world a place, Where mignonette in safety grew. He edged the narrow yard with grace Built shelters for a bird or two.

His neighbors knew him as a friend,

The needs of life he understood,

Must one be brilliant to be good?

Must one be famous to be wise?

He loved all things of land and sea And children thought him "lots of -Edgar A. Guest.

IT IS SAID-

Percale is fast becoming a favorite Through use of artificial lights he fabric for summer draperies and is

Mistaken Friends played among the flowers, but Miftani concerned. Released from their spe- like new if rubbed with vaseline and they are! They are the cause, not the effect, of martyrdom.

Vitamin B Found Short Berkeley, Calif.—Changing food

habits of American families cause the pole and the Magnetic Pole. It is at dome and frequent winds blowing dren's growth, believes Dr. Agnes Fay ing ice, covering 1,000,000 square The children thought him "lots of Morgan, of the University of Califor- miles, on which the North Pole lies. gown of silver, and her beauty far exrolling pin instead of cutting them up.

What more than this at life's long end study of diet of undernourished chilnia. Dr. Morgan passed a year in

He faced the world with smiling Morgan crys, "of the American people the ice mass—and hence the location Electrical Change Felt has in general been looked on as of the Ice Pole, is 400 miles away physiologically not injurious, because from the North Pole on the Alaskan hair, or with a rose-pink complexion. in spring and south in autumn may be Perhaps man's greatest praise can be, thought to overbalance any nutritive but solid ice, so thickly packed that milk, fruits and vegetables was the Ice Pole he saw nothing below him loss involved in the substitution of not even a rift of water appeared. wheat products.

with that of cereals, and our work has Peach is one of the most popular shown that vitamin B of wheat pro- either dirigible or plane.

English "Bobbies" at Play



Policemen, with tiny balloons on their hats, fight with canes, one of feafaste. Quebec and the Markime Pro- entertainments will be a daily feature. tures of recent mounted police tournament and horse show in England.

Prove to Be Centre of Winds A Canadian flying expedition has pices in the Himalaya Mountains just succeeded in charting with aerial might be the coldest all-year-round

Pole of Cold May Be in Siberia-While Greenland May.

Two of the North's Five Poles

Northwest Passage.

of explorers. One is the North Pole, level in the Arctic. visited by Peary, by Byrd and by the Or perhaps the Pole of Cold is in Pole of Cold.

fairly well upon maps. Of this type are the North Pole and the Magnetic moves about in a circle with a radius of thirty to forty feet.

The Magnetic Pole

The Magnetic North Pole, which attracts the needle of the compass because it is at the axis of the great electric dynamo constituting the earth. moves over a considerable area, slowly but measurably over a period of years. The position generally given is near Lat. 70 degrees N., Long. 97 degrees W., on the Canadian mainland at a place called Boothia Felix or Boothia Peninsula. In Summer this is a green and grassy lowland; in Winter it is no longer green but has the appearance of a cold prairie. Many

The Ice Poles, so named by Amundsen because the term "Pole of Inaccessibility" no longer applied when In Fruits and Vegetables he crossed it by dirigible, lies between the North Pole and the Alaskan shore,

Location of Ice Pole dren between the ages of eleven and Stream clears the ocean of ice to with- to meteorology. "This change in food habits," Dr. on the Norwegian side, the centre of

No man has ever set foot at the Ice "But the protein content of the aver- by dog sledge have been considered age succulent vegetables and fruits too great, and the Amundsen party reis practically negligible as compared ported that the condition of the ice was such as to prevent a landing by

Yet, cold as this territory must be not believe that the temperature there, or at the North Pole itself, ever falls to the level of 68 degrees below zero, once reached a the village of Gladpole of cold, therefore, scientists must look elsewhere. In fact, they must have to look for two or more cold poles instead of one.

One pole of cold—that having the lowest Winter temperature of which there is record, has been fixed tentatively on the mainland of Asia, near the Siberian village of Verkhoyansk, some 1,400 miles from the North Pole. The coldest Winter temperature that can ever occur there is something between 90 and 95 degrees beyow zero, while the coldest possible at either the North Pole or the Ice Pole is believed to be about 30 degrees warmer.

High and Low Temperatures

But in Summer the temperature at Verkhoyansk sometimes rises to the 90s, once reaching 93, with plenty of humidity, and various cereals and vegetables can be cultivated in the region. So if the pole of cold is considered as that place having the lowest Summer temperature or the lowest average temperature, it must be some- power boat, Tom?" where else upon the map. In this connection it is suggested

that certain northward-facing preci- to hold two people."

cameras the North Magnetic Pole area, spots. They are far from the warm which was discovered by Captain ocean and high above it, though not James Clark Ross in 1831 and relo- so very far from the Equator. If there cated by Captain Roald Amundsen, are such places anywhere near the who made extensive observations from five-mile altitude on which the the sun 1903 to 1905, just before finding the never strikes, they are likely to demand strong consideration as the Pole There are five poles in the Arctic of Cold and may have a better claim regions to stimulate the imagination than either of the Poles lying at sea

Still Attract the Explorer

Amundsen - Ellsworth - Nobile expedi- Greenland, which may be every bit as tion. Another is the Magnetic Pole. | cold in Winter as Verkhovansk. For The third is the Ice Pole, known as the greatest Winter cold is produced the Pole of Inaccessibility until by three conditions working together Amundsen, Ellsworth and Nobile flew | -distance from the Equator, distance over if in the dirigible Norge in 1926. from the ocean, and altitude. The pla-There are also a Wind Pole and the teau of Central Greenland answers all of these conditions, whereas the North The Wind Pole may possibly be in Pole and the Ice Pole meet only the Greenland, where British and German first-distance from the Equator. Perexpeditions are now conducting haps the German and British meteorometeorological observations. The Pole logists now in Greenland may be able of Cold is still to be located definitely. to learn definitely whether that ice-Some of these poles are shifting in bound island contains both the Pole of character, though they can be placed Cold and the somewhat legendary Pole of Winds.

The British expedition is engaged in North Pole. The former, at the tip of surveying the ice cap of Greenland, the axis on which our earth rotates, with a view to determining whether it would be possible to use the island as a way station for airships used on the proposed route between Britain and Canada, and the German expedition is also acquiring meteorological data relative to flying as well as to storm con-

ditions in the transatlantic ship lanes. By Pole of Winds is meant that centre— if there is only one—where the chill winds of the Northern Hemisphere originate. Scientists refuse to credit the polar regions with as many icy blasts as the poets suggest. There is in Greenland, however, a peculiar situation which makes it possible for scientists to discuss whether there is a sort of wind pole there. The island is cold, particularly in the interior, and has a hump on its back near the centre. The air undoubtedly becomes very cold and thin, some experts say. It would, therefore, have a tendency to settle down upon the dome of interior Greenland and flow down-hill in every direction, as water does when poured on an inverted bowl. The result might from the interior to the coasts. Such winds, of course, would contribute to the interacting system of winds throughout the Northern Hemisphers Because the warmth of the Gulf and hence would be highly important

Instantly Around World

Washington.-A recently observed electrical phenomenon that sweeps the entire world at the same instant between 6 and 8 p.m., Washington time, is described to the American Geophysical Union by Dr. O. H. Gish, of the Carnegie Institution.

It is a change connected with the earth's electrical charge. This charge, says, Dr. Gish, tends to acquire a high value during the hours named. The cause is not definitely known, but is in the dead of Winter, explorers do ascribed to some still "elusive, unknown" factor that maintains the earth charge.

Existence of this charge is shown by study of atmospheric electricity. The stone, near Havre, Mont. To find the same studies show that the charge fluctuates and have given some indication of the universal time schedule of



Tom: "Yes." Kitty: "Well, then, I guess it ought

Latest News Printed in Paper While It Is Being Delivered

and a suction-fed printing machine last-second news in them. capable of printing anything up to three 30-line news items at a speed up to 10,000 copies an hour.

from the offices of The Star and are can be made.

London.—Something new to Lon- set-up and run off in the so-called doners in the way of fast delivery of blank "fudge column" as fast as they late news to readers has been accom- are received. The printing can be plished by the London evening newsto the more distant suburbs, but it is paper, The Star, which is regularly more customary to install the van operating a "Stop Press" printing es- outside big horse-race, football, or tablishment in its largest delivery van. other sports meetings, enabling the plete composing frame and type cases, to buy London papers with the very spectators as the meeting breaks up

The van is also equipped with a special amplifier and two public ad-News items are received by radio broadcast microphone announcements

if your digestion come from an the blood. The is remedied a may follow. D are a perfect h this conditi purify the blo health and str Mrs. G. M. A writes:-"I alw Pink Pilis in th a young, anaem

my health brok these pills brou My friends all and for this D deserve all cre-You can get cine dealers or box from The Co. Brockville,

Too many ver cooked in the Far too often, away as uneata little trouble, th palatable. Cold greens, **placed in a** sau

and covered fo water should ti them, and whe served they wi good as when fir It is quite us ready dressed fo They should be about an inch butter sauce or rots may also be serve with ragor may be cut int

used in soups. second life the with butter, milk in the oven in a Onions, of cou when they are re likely to turn b nicely for flavo however, provide in when the soul Potatoes can b time in a varie they can be for

shapes, floured a oven, or b fore bacon fat or dri salt and floured. : in a tin. Anoth potatoes when co into rather thick with a tablespee tablespoonful of

fried in plenty of BRAMB

Gather rather wash if necessary half cover it. for an hour or le down with a wood all juice. Strain and leave to drip clean preserving for fifteen minut ters of a pound of until dissolved, ti

Wilson was suf bands of the barn cut he decided to "I say, my man you have a sign 'We Aim to Please

"That's right,"

"Then don't you

merrily, "that's ou

until jelly will set

"Ah! For how lo

auffer indigestion as usually excess acid an alkali. The bes harmless and efficie Milk of Magnesia. for 50 years the sta clans. One spoonful tes many times its acids, and at once. appear in ave minut

A STATE OF THE STA