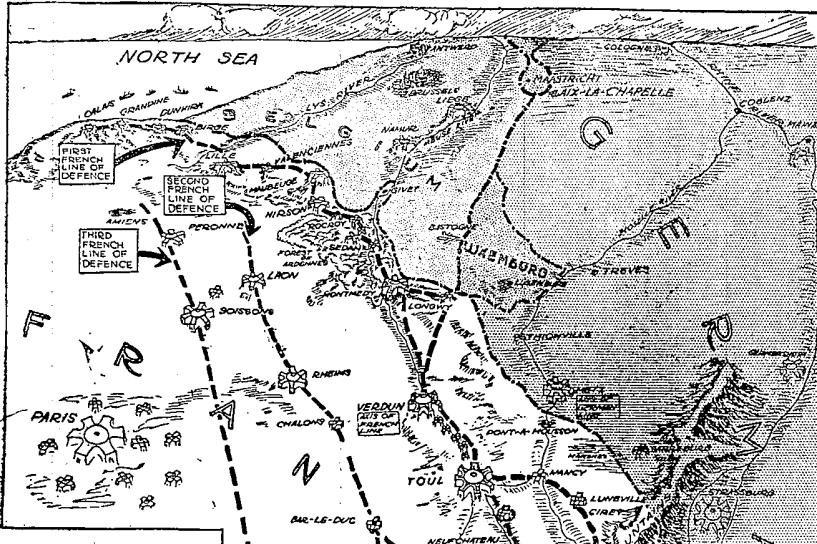


FRENCH FRONTIER IS NATURALLY A FORMIDABLE ONE; MOUNTAINS, FORESTS AND RIVERS ALL LEAD AID IN DEFENSE, WHILE MODERN FORTS BLOCK ALL THE GAPS



Map Shows France's Three Lines of Defense Against Germany.

The whole northeastern frontier of France is organized into a very complete system of defensive works. These are arranged so as to make the utmost use of the natural features of the country.

An inspection of this frontier of France will disclose the fact that there are about 200 miles of fairly straight boundary running southeast and separating it from Belgium before it reaches Germany. It then runs for about 100 miles farther to the southeast to a point about forty miles west of Strasbourg, thence south for about seventy-five miles to the Swiss frontier.

The present northeastern "fighting frontier" of France, due to Germany's incursion into Belgium, is roughly a little more than 500 miles. The principal natural obstacles along this line are the hills and forests of the Ardennes. This area is about fifty to seventy-five miles in extent and lies to the north of Sedan, being distributed in an east and west direction. Next are the Meuse and Moselle rivers, which parallel the frontier and traverse the Ardennes district, and have their source in the Vosges mountains, about twenty-five miles west of Muelhausen. Between Nancy and Muelhausen the Vosges mountains raise their crests to a height of some 4,500 feet.

Rhine Germany's Main Defense.
To the east of these the Rhine flows swiftly through a deep channel about fifteen miles east of Muelhausen. On its right bank lies the Black Forest, which extends practically to the frontier of Switzerland in the vicinity of Basel. This is a difficult military obstacle. The defensive policy adopted by the French has been to establish a line of strong forts and entrenched positions immediately behind this frontier line, the best of which are placed along that part or parts of defense. In this policy also France has been guided to some extent by political considerations, as it is deemed inadvisable to abandon any territory at the beginning of a war for the purpose of moving back to a better and shorter line.

Beginning at the English channel,

then, the French have in their first line of fortresses the forts of Calais, Grandine, Dunkirk and Bfpre. The country between the rivers Isar and Lys is capable of being largely inundated. Lille is strongly fortified and is the junction of a number of important railroad lines. A defensive area for this part of the frontier, principally facing towards Charleroi, which is a junction of many roadways, has been provided for. Its right rests on the river Sambr, at Maubeuge, a strong fort. This whole position means any advance either east or west of it. Next come the first class forts of Hiron and Fontenoy, then the line of the river Reuse to Sedan. From here to Verdun the line follows the Meuse. Verdun is an entrenched camp of great strength.

North of Verdun for some fifteen miles a gap has been left, inviting invasion, as it were. From Verdun south there is almost a continuous line of forts until Toul, another very strong fort, is reached. The city is on the banks of the Moselle river, and on the Strassburg-Paris railway.

Another gap exists between Toul and Epinal, but the line of the Moselle river lies along it. Epinal is a first class entrenched camp lying on both banks of the Moselle river. From Epinal the line follows the left bank of the Moselle river to the Vosges mountains, being guarded by a line of forts in addition.

The Gap at Belfort.
The first class fortress of Belfort, about twenty miles from the Swiss frontier, guards the gap between the Vosges and Jura mountains. Behind the gap north of Verdun there is the fortress of Rheims, and behind that between Toul and Epinal, there is a strong fortress of Langres. Besancon, fifty miles south of Belfort and Dijon, complete the main defenses along this frontier.

There exists numbers of old works behind this front line, so that in case of invasion there are practically three fortified defensive lines about thirty miles apart and clear across the northern and northeastern frontier of France.

As to any probable line of attack by Germany against France, with a view to an invasion, it seems that the area between the Vosges mountains and Luxembourg, and including a part of the latter, offers the best chances. The whole line has been so carefully and strongly fortified that at this time there is little to choose. It is highly probable that a continuous infantry parapet exists along the entire frontier. So that in choosing a point for assault the invader will consider the natural advantages to be derived from the ground more than the fact that there exists works of this or that kind at the place decided upon for tatak. If the engineers' art can make it, on a front of this length, the French frontier should hold an enemy for a long time.

Paris itself is well taken care of by

MICHIGAN NEWS

ST. CLAIR RIVER TO BE INVESTIGATED

Port Huron, Mich.—The international joint commission has sent word from Washington that it will be in Port Huron to investigate the ways and means of preventing and remedying the pollution of St. Clair river.

The commission is composed of representatives from Canada and the United States and was formed as a result of the treaty which was entered into between the United States and Great Britain January 11, 1909, which treaty provides "that the waters herein defined as boundary waters and waters flowing across the boundary shall not be polluted on either side to the injury of health or property of the other."

The commission states that complaints have been made by people residing along the border that the discharge of sewage into St. Clair river and the city will be given an opportunity on October 2 to explain conditions and outline some plan to remedy them.

James A. Tawney is chairman of the commission for the United States and T. Chase Casgrain for Canada.

LAYMEN OPPOSE SEX STUDY.

Houghton, Mich.—John A. Deelle, of Houghton, president of the Upper Peninsula Educational association, has announced the program of the annual convention in Houghton October 8 and 9.

While the convention officially is to be held in Houghton the sessions will be at the Kerrodge theatre, Hancock. The principal speakers will be Governor Ferris and Decker T. Washington.

During the last year a research committee has been securing from laymen all over the upper peninsula opinions regarding the needs of the schools. At the convention all speakers will discuss this report. The principal feature is the general opposition by the laymen to the teaching of sex hygiene in the schools.

POSTAL AUTHORITIES GET BOMB SENDER

Grand Rapids, Mich.—Admitting that he sent a bomb through the mails to Deputy Food and Dairy Inspector William J. Mickel and charging that it was because of the state official's attentions to his wife, William D. Hagens, a clerk in the powder department of a local hardware firm, is held here by the postal authorities awaiting the issuance of a warrant for his arrest. Both Mrs. Hagens and Inspector Mickel deny undue familiarity but Hagens insists that he had reasons for sending the bomb. His wife accuses him of extreme jealousy.

GERMANY REPUBLIC IF KAISER LOSES

Grand Rapids.—That Germans will become a republic if the present war is unsuccessful, is the opinion of Dr. W. Young, who returned from Berlin with his wife and daughter. Dr. Young had some exciting experiences, but admits that the German were exceedingly thoughtful in their treatment of Americans.

"Business men throughout Germany told me that the kaiser must win in the present struggle to preserve his authority in Germany," says Dr. Young.

"The common people are enthusiastic all right but the business people say that the war costs money and are of the opinion that war taxes continue just as long as a war lord rules the country. The business people say that the common citizens will soon lose their enthusiasm if defeat of Germany ensues with its accompanying high taxes and the result will be a republic."

VAN VLIET OPTICIAN
342 GRAND ST.
DETROIT
EYES EXAMINED, GLASSES MADE WHILE YOU WAIT. WORK GUARANTEED.

Commission Merchant
whose motto is "quick action and an immediate reply." Best figures quoted on everything. Write for details. First and Old National reference.
JULIUS BROTHERS, Commission Merchants
22 Woodrigan St., Detroit, Mich.

Dr. Beebe Ruth Jepson
Osteopathic Physician and Surgeon.
Particular attention to chronic cases, especially diseases peculiar to women.
Consultations and advice FREE.
Office—Suite 261, 244 Woodward Ave., DETROIT, MICHIGAN.

PATENTS Trade Marks Copyrights
We serve you efficiently. Write or call. Established 18 years.
Barthel, Flinders & Barthel
Sole U.S. Patent Attorneys
Congress St., Detroit, Mich.
Block from International Station.

INVEST IN DETROIT REAL ESTATE
Let us advise you.
F. S. STOEPEL & CO.
717-18 Dime Bank Bldg.
DETROIT, MICH.

THE NEW BIRD STORE
at 218 Third Ave., corner Michigan Ave., Detroit, Mich., sells, buys and exchanges everything in Birds, Dogs and Pets. Circulars upon request. When in Detroit pay us a visit.

Ladies Hair Goods
Human hair switches; made from your own combings if desired. See our special switch bargain at up to 98c.
The most complete line of Hair Goods in Detroit. Drop in when in Detroit write for prices.
Expert Doll Repairing a Specialty.
NEW YORK DOLL HOSPITAL
365 Michigan Avenue
Detroit, Michigan

Photo Gallery for Sale
Located in North Woodward district of Detroit, doing an excellent business, long lease and small rent. Price complete, \$750.
GUTWOW, 614 Free Press Bldg., Detroit.

Do You Want a Government Position?
Civil Service Examinations will be held soon. Give home preparation. None pay after appointment. No better opportunity was ever offered. Write for details to
J. H. KNEESAW,
Hedges Bldg., Detroit, Mich.

KOLBE'S HAY FEVER CAPSULES
A Vegetable Non-Poisonous Antiseptic, which renders the Hay Fever germ inert and thereby allays SNEEZING, RED EYES, DIFFICULT BREATHING, or any trouble arising from Hay Fever.
PRICE 50c BY MAIL IN STAMPS.
Contains no Heroin, Morphine, or Cocaine.
Manufactured by
EMIL B. KOLBE, Ph. G. 671 Junction Ave. Detroit, Mich.

Fall Footwear Fashion Hints

As usual, we advertise the advance shoe styles before you expect them—even though you may not desire to purchase at this time it will be a delight to see what is proper in the latest, newest styles. Our prices always a great deal less than expected. Drop in tomorrow and see the smart new ideas. (Window Exhibition.)

THE LINDBY STORE
10000 AVE. COLFARNE

Traveling Salesman Wanted.
The CITROPHATE CHEMICAL CO., Dep. B, Detroit, Mich., want a few good live men, on big money, to represent them in the Michigan territory. Live wire chaps who desire a permanent and paying proposition will do well to address the company, who have a large business and who will give their men a deal that will make money and prove worth while. \$50 a week is no unusual amount for the men who represent the Citrophate Co. If you want a good position write them without delay as territory is limited.

GOOD NEWS
Many of Our Readers Have Heard It and Profoundly Thereby
"Good news travels fast" and the bad back sufferers in this vicinity are glad to hear where relief may be found. Many a lame, weak and aching back is had no more, thanks to Doan's Kidney Pills. Thousands upon thousands of people are telling the good news and gaining experience with this tested remedy. Here is an example worth reading:
Mrs. W. B. Phillips, Sixth street, Perryburg, Ohio, says: "I know from personal experience that Doan's Kidney Pills are a reliable kidney medicine and prove worth while. I was in bad shape from disordered kidneys. My back ached and often sharp pains darted from my kidneys to all parts of my body. Other symptoms of kidney complaint annoyed me. When Doan's Kidney Pills were brought to my attention, I began their use. They brought prompt and satisfactory relief."
Price 60c at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the name that Mrs. Phillips had. Forster-McIntyre Co., Props., Buffalo, N. Y.

QUEEN OF BELGIUM AND HER CHILDREN

Here are Queen Elizabeth of Belgium and her three children, who fled from Brussels to Antwerp on the approach of the German forces. On the left is the heir to the throne, Prince Leopold, born in 1901. Holding his mother's arm is Prince Charles Theodore, the Count of Flanders, born in 1906. The little girl is their sister, the Princess Marie José, born in 1906.

Player Pianos

We have an exhibition at our warehouse in DETROIT—
THE NEW Story & Clark Deluxe Player Piano
without a doubt—
"THE GREATEST OF ALL PLAYER PIANOS."
To see and try this instrument yourself would be a pleasure to you and anyone interested in Player Pianos is invited to call at our store and we will give you a special demonstration and show you how to handle it yourself. Very simple. In five minutes you can be an expert operator.

We Take Your Upright in Exchange
and allow you full market value for it in exchange, and you can pay for the balance on terms if you cannot arrange to pay cash.

WRITE FOR PLAYER CATALOGUE.
Temporary location, Cor. State St. and Washington Blvd. DETROIT, MICH.

We also have a list of bargains in Pianos and Player Pianos which we will send you on request.