

**Deerfield News Items**

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Edward Brennan of Deerfield avenue is ill in the Washington Boulevard hospital, where he is undergoing treatment and observation.

Mr. Walter Karch of Chicago was the guest of his brother, Mr. George P. Karch Friday.

Mrs. E. H. Selig entertained at a luncheon, Tuesday, Mrs. Ida Behlke of Seattle, Wash., Mrs. George Smith of Wilmette, Miss Anna Kruse and Mrs. Kastrop of Forest Park.

Mr. and Mrs. E. H. Selig and daughter, Ethel Jean, and Miss Elizabeth Kruse spent the week end in Dubuque, Ia., with Mrs. Selig's sister, Mrs. Joseph Meurisse.

Mrs. Ruth M. Frase held Electa's chair for advance night at Wilmette chapter, Oct. 18, and on Oct. 20 will hold Electa's chair on advance night in Campbell chapter, Highland Park.

Mrs. Frase was a luncheon guest of the Ida M. Stay club at the Morrison hotel and won first prize in bunco.

Mrs. Josephine E. Livingston of Long Beach, Calif., Mrs. Andrus Miller of Chicago and Mr. and Mrs. F. D. Ehler of Chicago were guests of Mrs. E. H. Willman Sunday.

Mr. and Mrs. Christ Willman and family motored to Milwaukee to spend the week end with Mrs. Willman's brother, Mr. Harold Grenning.

Mr. and Mrs. William Schinleber entertained the latter's niece, Miss Frances Arnold of La Grange, Sunday.

Miss Barbara Huel was hostess to the J. O. Y. club at her home Tuesday evening.

Ruth and L. J. Soefker of County Line road spent Sunday with their grandparents, Mr. and Mrs. J. G. Willman.

So great was the enrollment for the evening classes at the high school on Monday that 52 were registered in the sewing class alone. Twelve Deerfield young women were in this class. Others have joined the Current Events class, and the young men are in auto mechanics, blue print reading, mechanical drawing and arithmetic classes. There are no foreign language classes.

Miss Sadie Galloway was hostess to the luncheon and bridge club Tuesday.

Rev. Mark J. Andrews was in Port Washington, Wis., the first part of the week.

Mrs. C. T. Anderson was the guest of Miss Bernice Tucker of Highland Park Monday afternoon.

Mrs. W. E. Ericson, 506 N. Sheridan road, Highland Park, will hold an important meeting of the civic committee of the Woman's club at her home Oct. 25, at 3 p. m.

Mrs. Frank Russo's class of young ladies in the Presbyterian church will hold a bakery sale in the basement of the edifice Saturday afternoon from 2 to 5 o'clock. The sales by the church school pupils are to raise money to buy a sound-proof floor covering for the church floor, in order that classes in the basement may not be disturbed.

Deerfield American Legion Post, No. 738, of the American Legion held their regular meeting on Friday, Oct. 15, at the Masonic temple. Nine new members were initiated.

The Post holds a very good record on memberships. All ex-service men in Deerfield and vicinity are cordially invited to join.

This post has furnished completely a reception room at the Veterans' Hospital at North Chicago and on Sunday October 24, at two o'clock the Post will go in a body by auto to visit this room. All post members and friends are invited to attend. See Gus Klomp for reservation and if you have room in your auto for more passengers it will be appreciated.

Mr. and Mrs. E. J. Bingham of Chicago, Mr. and Mrs. Bruhnke of Wilmette, and John Schneider of Irving Park, and Mr. and Mrs. Charles Fish of Waucoma, Iowa, were guests at the J. C. Ender home.

Miss Helen Swanson of Chicago was the guest of Miss Frances Loy Friday evening.

Rev. and Mrs. Andrews and children were guests of friends in Ephraim, Mich., this week.

Fourteen women from Deerfield Woman's Missionary Society went to the Quarterly Missionary meeting of the Chicago Presbytery at Evanston, Friday.

Misses Margaret and Gertrude Schneider of Irving Park were the week-end guests of Miss Eva Ender.

The Deerfield Presbyterian Missionary Society will have a speaker from Laird House at the Thursday meeting at Mrs. Fred Haggie's.

Mrs. Ann Sherman has returned from a visit with relatives in Chicago.

Mrs. Philip Scully and two daughters were guests of Mrs. Robert Stac, of Milwaukee, Wis. Monday.

Rev. Williams spoke at a special meeting Tuesday evening, at Prairie View church.

Mr. Wm. Kreh has a nephew from Albion, Mich., visiting him.

Mrs. and Mrs. George L. Truitt were the dinner guests of Mr. and Mrs. George B. Haynes of the Library Plaza, Evanston.

A London writer says that the world is always ruled by sick men. He might have added that that is what makes them sick.

**FUNCTION OF AUTO RADIATOR IS TOLD**

**FOR MOTOR TEMPERATURE**

**Every Motorist Should Learn Something About Principle of Cooling System of Automobile**

(By H. Clifford Brokaw, Technical Advisor, West Side Y. M. C. A., Automobile Schools, New York City.)

Warnings are abroad about getting some alcohol in the radiator before the thermometer indicates freezing weather. This brings to one's attention, the primary function of the radiator.

Every motorist should understand at least a little about the principles of engine cooling and why it is necessary, for a cooling system to be functioning properly in every automobile. He should know that the automobile engine derives its power from heat. A charge of gasoline, mixed with air, is taken into the cylinder in a comparatively cool state. In the cylinder it is compressed and ignited. At its burns the temperature is greatly increased and the pressure in the cylinder increases in proportion to the increase in the temperature.

**Keep Working Parts Cool**  
That's how it comes about that power is derived for driving the machine. However, the excessive temperature, which reaches 2,000 to 3,000 degrees Fahrenheit, heats the working parts of the engine, that is, the pistons and cylinders, to such an extent that unless some of the heat is dissipated it would be impossible to maintain a film of oil between these working parts. Deprived of lubrication they would stick fast and the engine would cease to function.

Furthermore, the heat parts forming the combustion chamber would also get so hot that the incoming charge of fuel would be ignited as soon as it came in contact with them and that would mean more trouble.

That is why it's necessary to carry off enough heat to keep the working parts cool enough so they will permit both proper lubrication and insure control of the ignition. To accomplish these desirable results, every automobile is provided with a cooling system.

In the water cooled system found on most cars, the heat is absorbed from the cylinders by water carried in jackets surrounding the cylinders. The hot water then flows to the radiator where the cool air extracts the heat from it.

A pump is generally employed to maintain the circulation of water. It takes the heated liquid and sends it from the cylinder to the radiator where it travels through many small passages surrounded by air spaces. This provides a large area of surface for the air to come in contact with the water and a fan keeps the air in lively circulation. So much of the heat is extracted from the water that it is possible to return comparatively cool water to the cylinder for it to get hot again. And that, in brief, is the cooling process.

The engine, to operate at its greatest efficiency, should be rather warm when running, because whatever heat is carried off is not turned into power. Over-cool the engine and its power is decreased. A car may be provided with a visible thermometer in its radiator to give the driver a check line. The Dumb Daffy Band, Centralia product, is a feature.

Halloween is where the blackberry pies and the jelly cookies come in; also the apple bobbing and the climbing of the greased pole. The firemen turn out and tend the bonfires. Boys, usually creating trouble on Halloween, help the police.

Human nature seems to thrive in Centralia. It grows better than it used to grow back in the days of inertia and factionalism. The city's more worth while.

**New Industry**  
I was poking around in Centralia the other day to get the material for this bit of snapshot about the town.

They took me out to the St. Clair Foundry Corp. That's a new industry. I saw the first heat poured. The new plant will work about 150 men; a little later probably 200. I was in at the birth of an industry. The plant makes heating units and commercial castings.

W. J. Reiss was in to see that first heat poured. He is building a plant in Centralia to manufacture asphalt paving brick. It is the only asphalt paving brick plant in the central west. He will employ twenty men.

There are other plants in Centralia. The Centralia Envelope Co. has 190 employees and makes 2,000,000 envelopes a day. The Centralia Clothing Co., 55 people, makes work clothes, boys pants and knickerbockers. Other manufactured products are tents and awnings, beverages, candy, cigars, cement blocks, burial vaults, flour, and shoes. The shoe factory works several hundred people.

The Illinois Central railroad has an investment in Centralia in shops valued at about \$3,500,000. Ordinarily about 2,000 men are employed in them. The Burlington railroad has an investment of another \$1,000,000 in shops and works around 1,000 men.

Among the mineral resources of the immediate section are coal, oil, Fuller's earth, spar, limestone and clays.

**Attractive Park**  
Centralia's water supply is an artificial lake four and a half miles long and with a shore line of nearly twenty-five miles. A park of forty acres, just at the city limits, is being landscaped. Few cities anywhere have an inviting "front door." It is Markham park, surrounding the station.

I asked a young business man in Centralia what he considered the most important asset of the city. He said: "Our greatest asset has been our ability to mobilize the town's forces following depression. I've read many of these pep stories, heaps of 'Let's go' stories. They've almost all been stories of ending hostilities; burying the hatchet. But I think of all evils that can beset a town the most deadly is inertia. We know here what inertia can do to a city. Thank heaven a spirit of doing things has group up. Thank heaven we've risen out of inertia."

Then he asked, rather solemnly: "Do you run across inertia in many towns?"

And I answered, "I do."  
We sat thinking for a time after that and I added:

"Inertia, yes, and more. Youth flocks from dull, joyless places to the big cities—Chicago, New York, all the larger centers. Why? I think very largely because youth says to itself—'If I stay here work, work, work. But when and where do I play?' Any city is wise that builds play places. That helps to keep its youth at home."

Who remembers the old-fashioned girl whose blushes would come and go as the occasion warranted it?

When you begin to look forward to the "Thirty Years Ago Today" column in the newspapers it's a sign you're getting old.

**North Shore News Items**

Continued from page 1, Part 3

Winnetka this week from their summer home in Lake Forest. They are making their permanent home with their daughter, Mrs. Stewart Johnson, at 678 Sheridan road.

The Misses Elizabeth and Mary Hannah, 256 Woodstock avenue, and their twin brothers, Jimmy and Billy, left Kenilworth Thursday for Pasadena where they will spend the winter with Mr. and Mrs. Hannah and David and Louise.

Mr. and Mrs. Russell Heller and their daughter, Marian, 559 Provident avenue, have returned to Winnetka after spending a year abroad. They shipped their car, and motored the entire time, visiting in many countries. The William J. Doherty, who occupied their home during their absence, have taken an apartment in Chicago for the winter.

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Continued from page 1, Part 3

Mr. and Mrs. George E. Shipman, 432 Warwick road, Kenilworth, leave tonight for a ten days' trip to Excelsior Springs. They will meet there Mr. Shipman's partner and his wife, Mr. and Mrs. E. B. Penny.

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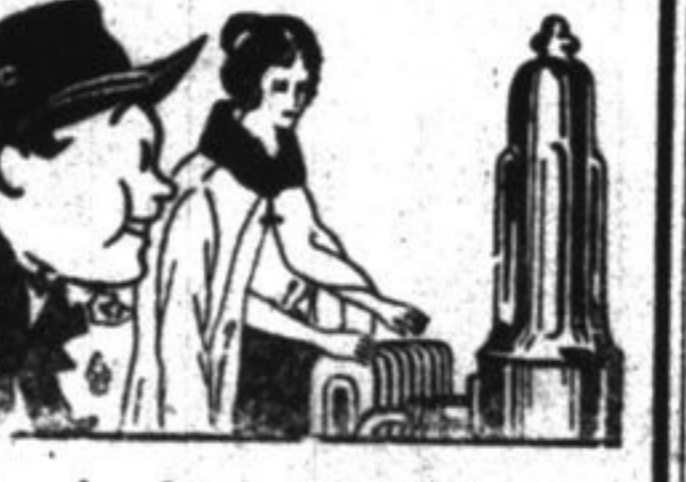
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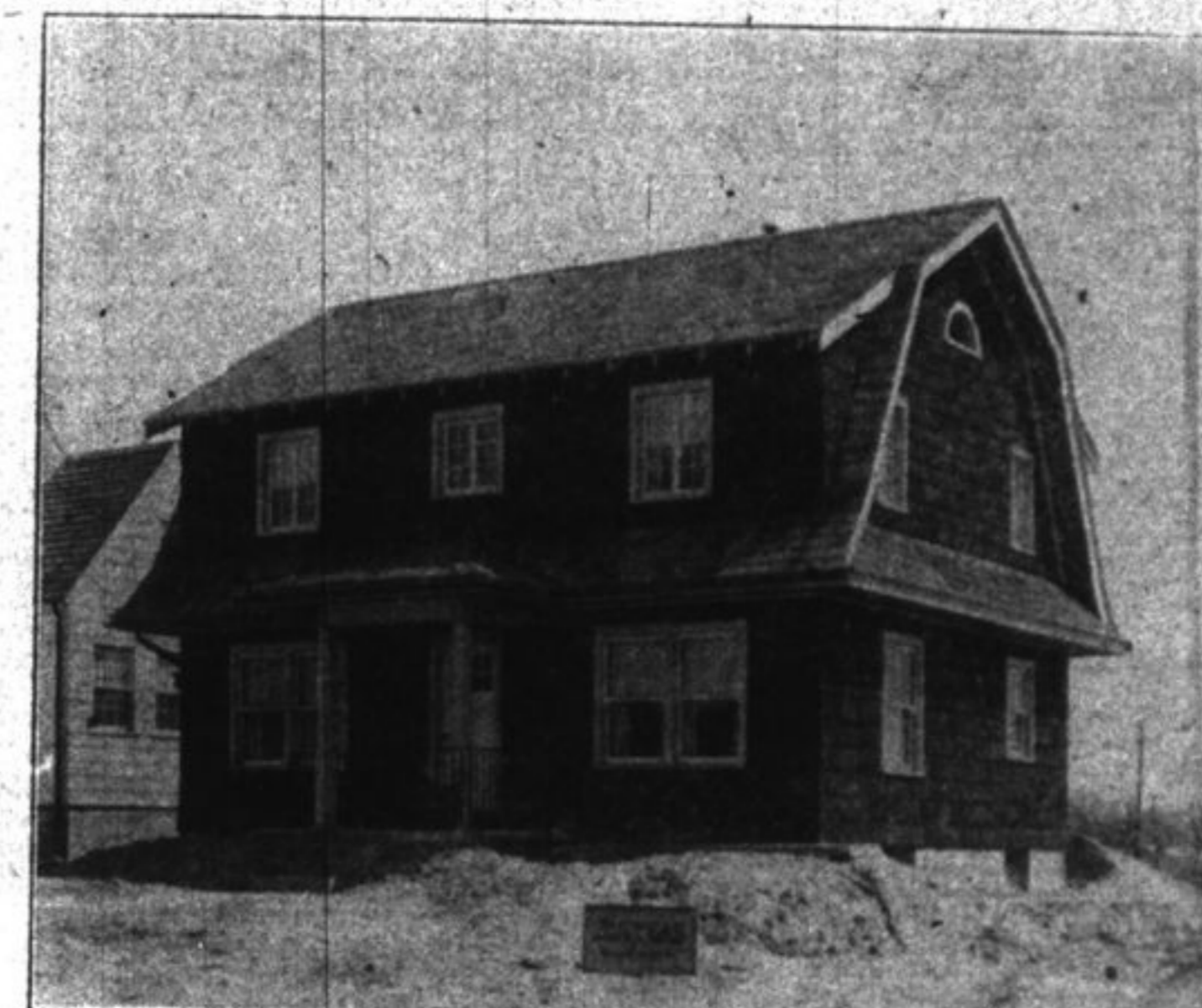
**Strenger's Master Valve**



A valve here and there will the trouble repair.  
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