

## Houghton Department

### COOPER TAKES CASE FROM JURY

Judge O'Brien Resumes Sittings Tomorrow With Boesler Case

Judge S. S. Cooper continued his session of the Houghton county circuit court this morning when he took the case against the Tamarack Mining Co. from the jury, on the grounds that the company was not liable for the act of the fellow servant of the deceased who brought about the accident for which damages were being asked.

The case was brought by Louisa Leish as administrator for an estate. It was on trial day before yesterday. This case concluded the stay of Judge Cooper here, with the exception of a number of minor matters such as the fixing of alimony and the hearing of motions, which will be taken up this afternoon.

Tomorrow morning Judge P. H. O'Brien will resume sessions here with the trial of the case of Fred W. Boesler, Sr., versus the Copper Range railroad. The case of P. W. Boesler, Jr., was tried before the arrival of Judge Cooper and resulted in a verdict for \$2,000 for the plaintiff. The case is that of a boy who had the fingers of his hand cut off by a locomotive while he was working in a pit under the mine. The father is suing in damages for the loss of his son's fingers.

### JENCKES-SCOTT WEDDING

Miss Edith Scott Bride of E. K. Jenckes in Simple Home Wedding. Miss Edith Scott, daughter of Mr. and Mrs. William P. Scott, and Edwin Kenyon Jenckes were united in marriage last evening at the home of the bride's parents on Hubbard avenue. The ceremony was performed by Rev. William Reid Cross, rector of Trinity Episcopal church, and was witnessed by only a few intimate friends.

The bride was attended by Miss Vera McNair and John McNair Longyear, Jr., acted as best man.

Mr. and Mrs. Jenckes left immediately after the ceremony for an eastern wedding tour and on their return will make their home at Woodside, near Dollar Bay.

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### BANDS TO IRONWOOD.

Three Copper Country Organizations May Attend Saengerfest.

The Copper Range band of Detmold, the Keweenaw band of Hancock and probably the Houghton band of Calumet will attend the Saengerfest organized by the Finnish-American Musical association to be held this year at Ironwood, Sunday, August 2. The Houghton band has not yet voted definitely whether or not it would attend. George

## SCHOOL OF INSTRUCTION FOR RIFLEMEN JULY 25-26

MAJORS WILSON AND MATHEWS WILL MEET HOUGHTON LIGHT INFANTRY.

The officers of the Houghton light infantry have been advised that Major Wilson, of Flint, and Major Mathews, of the 808, will be in Houghton July 25 and 26 to hold a school of instruction in rifle work. The Houghton company will spend the two days camping on the Harbortown range. Both officers are well known to the Houghton soldiers through their acquaintance at camp.

The election for second lieutenant to succeed Lieutenants Sanders and Smith will be held this evening. Lieut. Sanders has ordered special drill beginning next week, and continuing until the extra drill will be held on Monday night. The regular drill night is Thursday. In addition to this the company will spend its Sundays on the Harbortown rifle range, leaving the Houghton barracks Saturday night. The company will hold the first of these Saturday night trips this week.

## NEGRO ATTACKS YOUNG BRIDE IN STEERAGE OF TIONESTA

HER SCREAMS BRING ASSISTANCE. SENTENCED FOR ASSAULT AND BATTERY.

A negro, giving the name John Henry, was this morning fined \$50 and sent to the county jail for ninety days upon pleading guilty to assault and battery. He was charged with attempted criminal assault on a young married woman on the Anchor Line Tionesta, which docked here this morning.

According to the story of the Anchor Line officials, the young bride and groom, Mr. and Mrs. John Roberts by name, left Detroit some time ago for the west. The groom is nothing but a boy while his bride is but little older. The two found that Horace Greedy's advice to the young was to return to Detroit from Duluth. The boy appeared at the Duluth office of the Anchor Line and asked for two second-class or steerage tickets. There is an invariable rule in the Anchor line service against selling steerage tickets to women, but when Roberts was questioned he declared the tickets were for himself and a male companion and this satisfied the agent who gave him the tickets.

The steerage quarters adjoin the quarters of the help. The steerage business on the Anchor line is but a title of the company's passenger business and is intended mainly for male immigrants who are going west from Buffalo. As no women are allowed in the steerage no precautions are exercised for their safety.

During the night the negro entered the second-class apartment with the intention, it is said, of criminally assaulting the woman, who was there without the knowledge of the officers. Her screams, however, aroused the steerage and the negro was locked up without effecting his purpose. Captain Dougherty sent a wireless to C. O. Berglund, agent for the Anchor line

here, asking him to meet the boat this morning with a United States marshal. As there is no such officer in Houghton county, Mr. Berglund secured Sheriff Cruise and Deputy Sheriff Vivian and when the boat docked today the officers took Henry into custody and brought him before Justice Little.

C. O. Berglund, agent for the company, declared this morning that the blame in the matter lay in reality with Roberts himself, who had declared that the tickets were meant for two men. Elaborate precautions are taken by the Anchor line to safeguard women passengers and all first class passengers and the presence of women in the steerage is strictly prohibited.

### DANCE AT COLLEGE GYM.

M. C. M. Students To Entertain at Promenade Friday Evening.

Another of a series of promenades will be given in the gymnasium at the College of Mines Friday evening, under the auspices of the students. The program follows:

Every Day is Christmas, Phantom Isle, Love and Glory, Bright Eyes, Hero of the Isthmus, If Tomorrow, My Little Persian Rose, Harbor of Love, You Great Blue-Eyed Baby, Day Dreams, Good Bye Boys, Garland of Old Fashioned Roses, Gee, I Like Music With My Meals, Morning Journals, Trail of the Lonesome Pine, I Remember, That Old Gal of Mine, Good Bye Everybody, Good Night Nurse, Good Night Dear.

## HOUGHTON BREVITIES.

Mr. and Mrs. A. R. Gray gave a party in the copper country from Boston for their summer visit.

Leroy Mitchell is visiting in the copper country from Glens, Ark. Mr. Mitchell is a graduate of the Houghton high school, going west about two years ago.

C. V. Soeber returned yesterday from a visit to Waterbury, Wis.

The Portage township school board has organized with the same officers that administered its affairs last year. The new bridge lights were turned on last night for the first time. The lights conform to the Houghton system as far as was possible with the different conditions to deal with, and now there is a uniform lighting system from Franklin street to the Hancock end of the bridge.

Capt. and Mrs. Bert Knutson, who have been in charge of the local corps of the Salvation army, left last night for Escanaba where they will be located this week. Capt. Margaret Sanders from Fargo, N. D., arrives here today to take the Houghton post.

E. T. Coe of the 808, United States Immigration inspector, is expected here today to confer with the Houghton county officer relative to the deportation of Hilda or Helen Neimi, the Finnish girl who is supposed to be mentally affected.

Rev. W. R. Fruit, former pastor of Grace M. E. church here, has been asked by the congregation of the Preston M. E. church of Detroit, to return there for another year if possible. The request will also be made of the congregation.

Mrs. Charles Mayworm, first treasurer of Houghton chapter, Order of the Eastern Star, and an office holder continuously for the past eight years, was on Tuesday night presented with a cut glass vase filled with American Beauty roses by the members of the order. Mrs. Mayworm will make her home in Ann Arbor in the near future.

At a special meeting of the directors of the Citizens' National bank yesterday, Arthur J. Whitford was promoted from the position of assistant cashier to cashier.

### ALL STARS OF RING GAME.

Eddie Graney Picks Men He Thinks Were Greatest.

Eddie Graney, who has refereed more boxing matches on the Pacific coast than any man in the business, was recently asked to give his opinion concerning the greatest boxers of modern times. Graney, who has been associated with the glove sport since he was knee high to a flea, gave the following interesting list of classifications:

Greatest heavyweight fighters: Peter Jackson and James J. Corbett. Greatest middleweight fighters: Bob Fitzsimmons and Jack Dempsey. Best welter: Joe Walcott and Tommy Ryan.

Best lightweight: Jack McAuliffe and Johnny Herget. Best featherweights: George Dixon and Terry McGovern. Best bantam champion: George Dixon.

Hardest hitters in the history of the ring: Bob Fitzsimmons, Joe Choynski and Kid McCoy.

Greatest men he ever saw: Joe Choynski, Jimmy Britt, Pat Nelson and Jack Dempsey.

Best trainers and seconds: Billy Delaney, Spider Kelly and Tim McGrath. Most successful managers: Billy Britt and Billy Nolan, Britt getting more publicity for his fighters than any other manager; Nolan more money.

### WATCHFUL.

By holding down the Senate during the week and preaching on Sundays, Vice President Marshall manages to make both ends meet.—Washington Post.

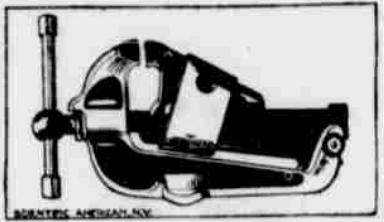
## Popular Mechanics

### QUICK ACTION VISE.

Jaws Instantly Adjusted by Means of a Movable Collar.

Pictured in the accompanying engraving is a quick action vise, which differs from the ordinary in the fact that it contains no notches, teeth or springs. Instead, the locking of the jaws is effected by means of tapering surfaces. An adjustment of the jaws is accomplished instantly by simply moving a collar forward which carries the riding jaw with it.

The work is first held between the jaws with one hand, and the collar is moved forward until the jaws close upon the object, after which the jaws are tightened upon the work by a quarter of a turn of the screw. A quarter revolution is all that is necessary, whether the jaws be open one-half inch or ten inches. The screw consists of a stub threaded into the end of the bar on which the movable



QUICK ACTION BENCH VISE.

jaw is supported. The shoulder of the screw head extends into the overhanging lip of the stationary jaw, so that when the screw is turned in the opposite direction it will bear against this lip and force the jaws open.

A thumbscrew on the side of the collar is a means to prevent the collar from changing its position until it is necessary to open or close the jaws further. The thumbscrew is threaded through the side of the collar and extends into the recess in the side of the movable jaw. The supporting bar on which the movable jaw is carried is secured to the tail end of the fixed jaw and is provided with sufficient lengthwise movement to enable the screw to tighten the jaws upon the work.

### Simple Diving Apparatus.

To walk into and under the water with one end of the source of air supply clutched in the mouth was an experiment carried out recently by an ex-sailor of the French navy in demonstrating the simplicity of a diving apparatus he has invented.

The apparatus consists merely of a tube fixed at the mouth of the diver by means of a rubber band which covers the lower part of the face and passes around the head, a small rubber hose of any desired length and an air pump of the type used to inflate automobile tires. Tooth grips are provided to help keep the tube in the proper position in the mouth. With this simple apparatus the inventor, dressed in an ordinary bathing suit, entered the river Seine, in Paris, and walked out along its bottom, remaining under water ten minutes. By the bubbles caused by his breathing his course along the river bed was followed, the government officials witnessing the experiment. The automobile pump kept the diver supplied with the necessary volume of air, and the test was declared a success from every point of view. So far the trials have not been made in very deep water.

### Extending the Erie Canal.

Writing in the current issue of the National Waterways Magazine, Representative Cyrus Cline of Indiana suggests that by canalizing the Maumee river from Toledo to Fort Wayne, a distance of 120 miles, and then cutting through a fairly level country along the shores of Indiana to some point in Lake Michigan, a distance of 120 miles more, the Erie canal can be extended to Chicago. This would provide a direct waterway of sufficient size to float heavy freight from Chicago to New York and eastern cities without reloading. It would cut off 850 miles from the existing circuitous round trip between Chicago and Toledo via Lake Michigan, the strait of Mackinac, Lake Huron, the Detroit river and Lake Erie. He asserts that the Erie canal without the assistance of trade by this direct route to Chicago will not carry 10 per cent of the freight it is capable of floating.

### Kerosene a Rust Softener.

Kerosene is of great value as a softener of rust, but in four cases out of five it is not given sufficient time to do this work. Kerosene splashed on and immediately rubbed off will do practically no good. It must be given time to penetrate, the longer the better. Several hours at least ought to be allowed, and if the rust is heavy all day or all night or both will be found necessary to give the oil an opportunity to do what it is capable of doing. The same principle applies, of course, in cases where kerosene is applied to a nut rusted on a bolt or stud, only in this case the oil has to penetrate between the metal faces in addition to permeating the film of rust.

### Elsinore and the Senator.

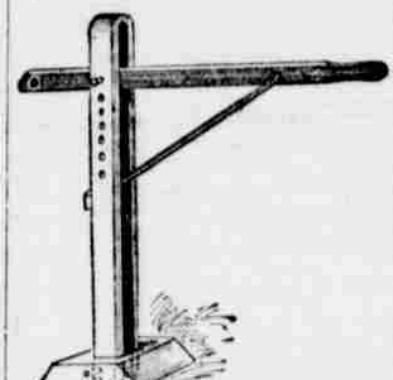
When F. H. Heald settled on the Machado ranch, near San Diego, and began to build Elsinore, then unnamed, he was puzzled about the christening. What should he call the coming city by the lake and springs? Finally he chose lake something or other—a long compound—but the postoffice authorities would not have it. They wrote Mr. Heald that one word was enough and sent him a list to choose from. He took Elsinore and a few days afterward announced the fact to old Senator Machado. The aged don was for a moment nonplused. "El Senor," he said, "which senor do you mean, yourself or myself?" "Yourself, of course," replied the diplomatic Heald. And to this day the Machados believe that the name Elsinore is but a gringo corruption of "El Senor," the senor who owned the original property.—Argonaut.

### SIMPLE VEHICLE JACK.

Handy and Inexpensive Device For Raising Wagon Bodies.

One of the simplest forms of jacks for use in lifting the bodies of wagons or other vehicles is illustrated in the accompanying drawing. The device can readily be made by any amateur, and the construction is inexpensive.

The uprights of the jack consist of a single length of iron 1½ by ½ inch, bent double or to hairpin form, with the lower ends secured in a block of wood measuring 2 by 6 inches. The ends of the uprights are fixed into recesses in the block and are held in place by means of bolts as indicated by dotted lines in the drawing. The



SCIENTIFIC AMERICAN, N.Y. VEHICLE JACK.

lever on which the vehicle axle is supported is made of strap iron measuring 1 by ½ inch. This is fulcrumed between the uprights by means of a bolt which passes through holes in the sides of the uprights. There are a number of such bolt holes to permit of adjusting the lever to various heights. The weight comes on the short arm of the lever and is lifted by depressing the long arm.

To hold the long arm in depressed position a rod is provided which is fastened to the lever at one end, while the other end passes between the uprights and serves as a catch to hold the lever at any desired adjustment. The rod shown in the drawing is three-eighths of an inch in diameter.

### A HUGE WATER SYSTEM.

Enormous Cost and Extent of the Work Needed to Supply New York.

New York city adds another big city's population to itself every year. In this way an Albany, a Bridgeport, a New Haven or a Grand Rapids is annexed every twelve months; in two years a Jersey City is gained and in five a Boston, a Cleveland or a Baltimore. In order to provide an adequate supply of water for this growth of approximately 125,000 a year a plan was approved to obtain from the foothills of the Catskill mountains 500,000,000 gallons daily. The comprehensive plan includes the development of the watersheds of the Esopus, Rondout, Schoharie and Catskill creeks, but at the present time only the Esopus watershed is being developed with its available 250,000,000 gallons of water daily.

Starting at the 130,000,000 gallon Ashokan reservoir, holding enough water to cover Manhattan to a depth of twenty-eight feet and whose area is equal to all of Manhattan below One Hundred and Sixteenth street, an aqueduct 127 miles long is being constructed which will pass under deep valleys, the Hudson, Bronx and East rivers and the Narrows to Staten Island, supplying New York's boroughs, known as the Bronx, Manhattan, Brooklyn, Queens and Richmond. Near Valhalla, N. Y., thirty miles from the city hall, the aqueduct is interrupted by the Kensico reservoir, which acts as an emergency storage reservoir to prevent interruption of supply during the unwintering periods necessary for inspection between Ashokan and Kensico reservoirs. This reservoir will have the largest dam in the world, containing over 1,000,000 yards of masonry, and will store 40,000,000,000 gallons of water, which is sufficient to supply New York for seventy-five days or cover Manhattan Island to a depth of nine feet. Its shore line is 30.2 miles long.

The total estimated cost of building the 500,000,000 gallon aqueduct was \$176,857,000, of which about \$100,000,000 had been spent to March, 1912.—Engineering Magazine.

### Most Important Minerals.

The great volume of the mineral production of the United States, its tremendous increase during the last few years and the wide distribution of the important minerals were indicated in a recent address by George Otis Smith, director of the United States geological survey. The twelve most important mineral products in the United States, in the order of value of annual output, were stated by Mr. Smith to be coal, iron, clay products, copper, petroleum, gold, stone, natural gas, cement, lead, silver and zinc.

### Preserved Timber.

An English company is engaged in preserving wood somewhat as the housewife preserves fruit—in a sweetening solution. Saccharin is used. The object is to render the timber immune to the hordes of damp, insects and fungi. The timber is immersed in the solution and soaked at an elevated temperature. The process is intended especially for railroad ties.

### Production of Glass Sand.

Pennsylvania produces 30 per cent of the sand used in glassmaking in the United States—about 400,000 tons. The average value of glass sand in Pennsylvania, according to the United States geological survey, is \$1.40 a ton.

Anniston, Ala., will hereafter run its waterworks' pumps by electricity.

## LEGAL ADVERTISEMENT.

July 3, 10, 17, 24.

STATE OF MICHIGAN. The Probate Court for the County of Houghton.

At a session of said court, held at the Probate Office in the Village of Houghton in said County, on the 2nd day of July, A. D. 1913.

Present: Hon. Geo. C. Bentley, Judge of Probate.

In the matter of the estate of Essias Frost, deceased. Pritta Trasti, administratrix of said estate, having filed in said court her petition praying that the time for the presentation of claims against said estate be limited and that a time and place be appointed to receive, examine and adjust all claims and demands against said deceased and before said court. It is Ordered, That four months from this date be allowed for creditors to present claims against said estate.

It is Further Ordered, That the 5th day of November, 1913, at ten o'clock in the forenoon, at said probate office, be and is hereby appointed for the examination and adjustment of all claims and demands against said deceased, and that notice thereof be given by publication once each week, for three successive weeks previous to said day of hearing in the Calumet News, a newspaper printed and circulated in said county.

(Seal) GEO. C. BENTLEY, Judge of Probate. Lillas G. Mitchell, Register of Probate. Galbraith & McCormack, Attorneys for Estate. Business address: Calumet, Mich.

## LEGAL ADVERTISEMENT.

June 26, July 3, 10, 17

STATE OF MICHIGAN. The Probate Court for the County of Houghton.

At a session of said court, held at the probate office in the village of Houghton in said county, on the 25th day of June, A. D. 1913.

Present: Hon. Geo. C. Bentley, Judge of Probate.

In the Matter of the Estate of Peter Sterk, Deceased.

Michael Klobucher, administrator of said estate having filed in said court his petition praying that the time for the presentation of claims against said estate be limited and that a time and place be appointed to receive, examine and adjust all claims and demands against said deceased and before said court.

It is Ordered, That four months from this date be allowed for creditors to present claims against said estate.

It is Further Ordered, That the 29th day of October, 1913, at ten o'clock in the forenoon, at said probate office, be and is hereby appointed for the examination and adjustment of all claims and demands against said deceased, and that notice thereof be given by publication once each week, for three successive weeks previous to said day of hearing, in the Calumet News, a newspaper printed and circulated in said county.

(Seal) GEO. C. BENTLEY, Judge of Probate. Lillas G. Mitchell, Register of Probate.

## LEGAL ADVERTISEMENT.

July 3, 10, 17, 24.

STATE OF MICHIGAN. The Probate Court for the County of Houghton.

At a session of said court, held at the probate office in the village of Houghton in said county, on the 1st day of July, A. D. 1913.

Present: Hon. Geo. C. Bentley, Judge of Probate.

In the matter of the estate of Margaret Knechtges, deceased. Emma Knechtges, administratrix of said estate having filed in said court her petition praying that the time for the presentation of claims against said estate be limited and that a time and place be appointed to receive, examine and adjust all claims and demands against said deceased and before said court.

It is Ordered, That four months from this date be allowed for creditors to present claims against said estate.

It is Further Ordered, That the 7th day of November, 1913, at ten o'clock in the forenoon, at said probate office, be and is hereby appointed for the examination and adjustment of all claims and demands against said deceased, and that notice thereof be given by publication once each week, for three successive weeks previous to said day of hearing, in the Calumet News, a newspaper printed and circulated in said county.

(Seal) GEO. C. BENTLEY, Judge of Probate. Lillas G. Mitchell, Register of Probate.

Rev. Robinson & Petermann, Attorneys for Administratrix.

## FOLLOWING WOMEN ARE IN NEED OF DAY WORK.

Mrs. Ira Jokela, 542—2nd St. Mrs. Mary Heila, 231—3rd St. Centennial Heights.

Mrs. Mary Gregorich, Cedar Lane. Mrs. Curinsky, 257 Voltaire St. Laurium.

Mrs. Holms, 550 Cedar St. Mrs. Lehto, Centennial.

Mrs. Ann Harvey, 141 Florida St. Mrs. Auvin, 313 Oceania.

Mrs. Turvo, 2412 E. St. Mrs. Delaqua, 141 Tamarack St.

Mrs. Mike Martin, 204 Calumet Ave. If in need of boys or girls for odd jobs call 25-6.

Buy Your SHOES AT VIVIAN'S and save money.

25 per cent off on all white shoes and slippers.

J. VIVIAN JR. & CO. Meila Street, Laurium.

## COUNTY ROAD COMMISSION MAY IMPROVE COLLEGE AVE.

ROAD TO CONNECT WITH PARK ADDITION IS NEEDED IN EAST HOUGHTON.

The section of College avenue lying east of the village limits, which is in a deplorable condition, as compared with the rest of the street, may be improved by the Houghton County Road Commission, according to the members of that body, who met here recently.

The part of College avenue lying inside the limits of the village is paved with a block pavement, one of the finest residential streets in the upper peninsula. The road would not compare favorably with most of the county roads in the county. To the east, the park addition road begins. This road is in fine condition and is in reality a continuation of College avenue, but the connecting portion is not under the control of the park addition company and of the village and has never been looked after by either. The township has been too busy building rural roads and has not had the money to spend here.

The present plan is for the residents of the street to build curbs and gutters to conform with the College avenue paving system and for the county road commission to build a crushed rock road with a surface coating of tar macadam or asphalt. The road commission has taken no active step, but is waiting to learn the wishes of the property holders. A conference between the holders of the real estate abutting this road and the commission will be arranged soon, in all probability.

### TAG DAY RECEIPTS SPENT.

Mrs. L. J. Donaldson Turns Home Over to Plasterers and Painters.

The Good Will Farm home is in the hands of plasterers, plasterers, paper hangers and carpenters this week, as a result of the tag day campaign, the building repairs being paid for from that source.

Many of the rooms to make them sanitary and to be both repaired and redecorated and an enclosed porch for an open air horse box is being built.

Analysis of the service of addresses and services at the Good Will Farm was given last Sunday at the farm by Rev. William Reid Cross, rector of Trinity Episcopal church here. Mr. Cross stated the farm during the afternoon, and delivered a short address. All of the clergy of Houghton and Hancock have been invited to give these talks and services, and all have accepted.

## U. S. Department of Agriculture. WEATHER BUREAU.



### EXPLANATORY NOTES.

Observations taken at 8 a. m. this morning time. Air pressure reduced to sea level. Isobars (continuous lines) pass through points of equal air pressure. Isobars marked from sea level points of equal temperature. Arrows show the direction of the wind. First figures, lowest temperature past 12 hours; second, precipitation of 24 hours or more for past 24 hours; third, maximum wind velocity.

Station	Temp.	Wind	State of Weather.
Albany	60 58	Forcey	h 8 14
Baltimore	72 68	Cloudy	sw 6 9
Buffalo	72 68	Rain	h 19 9
Chicago	72 68	Clear	h 19 9
Duluth	64 52	Cloudy	h 8 14
Escanaba	66 56	Cloudy	sw 14 19
Green Bay	66 60	Cloudy	sw 8 28
Houghton	64 52	Forcey	sw 8 18
Marquette	58 42	Forcey	sw 6 14
Milwaukee	66 64	Forcey	sw 8 9
New Orleans	78 76	Cloudy	sw 4 8
New York	74 62	Cloudy	h 6 9
Port Arthur	62 50	Cloudy	h 8 9
San Fran.	52 40	Cloudy	sw 6 9
St. Paul	66 60	Cloudy	sw 8 19
Winnipeg	60 48	Cloudy	h 8 9
Washington	64 58	Cloudy	h 8 9

Local office U. S. Weather Bureau, Houghton, Mich., July 17, 1913.

### Weather Conditions.

A storm center of considerable energy is located over Lake Erie this morning, while a trough of low pressure extends from the St. Lawrence Valley to western Nebraska. Showers have resulted at most points in the Lake Region during the past 24 hours and fog is reported from many stations in the Upper Lakes this morning.

Fair weather is indicated for this vicinity during the next 24 hours. Moderate variable winds, mostly west to north are indicated.