COLD WHIP SNAPS

Four Degrees Above Zero Benumbs Portland.

ENJOY SKATING

cather Man Laughs at "End of World" Alarm and Predicts

TURES OF THE PAST AS COMPARED WITH YES-TERDAY'S RECORD.

The Portland station of the United States weather bureau was established in 1871. Since at time the records show that Comparative official records re as follows: January 14, 1875—Three de-

grees above zero.

December 23, 1873—Three degrees above zero.

January 18, 1888—Two degrees below zero, the coldest ever officially recorded in

December 13. -

(Continued From First Page) r atorm whirls down from the

Unofficial thermometers showed : lower temperature reading yesterthan did those of the weather its, considered to be of standard reliable make, attained a mintcity reported similar cold.

cada electric line, the unofficial ling yesterday morning was 16 rees below, with 14 degrees below Eagle creek, on the Clackamas, and tacada the swift current of the

For the first time since 1888 the llamette river was sheathed in ice.

le to turn aside and serve directly ers are making exceptions and braving the drifts with light less. It is believed that no real ering has as yet resulted and fuel improve, unless another rm should arise.

Wood Supply Plentiful. augh there is a shortage of coal, edating the storm, many dealers still in possession of limited sup-ts. The wood supply is said to be entiful. As soon as deliveries can tored any existing fuel shortd in the meantime determined efwill continue to guarantee that

fire dies out. When the frost grip suspended navion on the rivers the milk supply ived its hardest blow. for a large tion of Portland's milk and cream had within the boundaries of the aces from the river points via At the Laurelhurst park lake tes, and service is given only to s, the latter affording a supply

the houseboat folk were, as one of trymen are as one in appealing to spublic to return empty bottles to a stores. Unless the bottles are used the companies will soon be thout receptacles in which to mart the milk, and the actual famine it the milk, and the actual famine it the milk, and the actual famine it the milk and the actual famine. I strike from an unsuspected angle, it dairy companies report the same objects, an acute shortage of bottles used by the fallure of store patrons.

Residents of that portion of the west side represented by West side represented by



THE ABOVE VIEW WAS TAKEN FROM THE MORRISON-STREET BRIDGE YESTERDAY AFTERNOON BEFORE THE ICE BECAME SOLID. THE RIVER STEAMERS IN THE FOREGROUND ALL FLED IN SEARCH OF SAFER MOORING PLACES BEFORE EVENING.

lected and made a heavy delivery. Distributors are urged to appear promptly at the First and Alder promptly at the First and Alder street depot, as the milk and cream freeze if not immediately cared for. Street-car service, after four of the wildest days that traffic officials and car men ever experienced, was almost normal again last night, with service in operation on all main lines and throughout the city. The only lines difficulty restrained from climbing and stub ends of the main lines. These will be opened this morning.

Hered away the dreaded freezball and the prophecy upon the cold spells of the past.

"In the winter or 1861-62 the Willamette spells of the past.

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yet closed are short suburban runs acada the swift current of the cleams river was ice-festered for first time 'n memory.

Rec Sheathes Willamette.

**Council Crest, not running beyond lamette river was shoathed in ice, it the breast of the great columnate action points the ice lay unseen from sore to shore. All river first was practically suspended, the certainty that today will find ditions even worse, when the chill have sealed files were not running from Trunning from the wast on the current of the Willamette sweet on the current of the Willamette.

Re Sheathes Willamette.

**Council Crest, not running beyond lawette was shoathed in ice, it has been decreased to the great columnate of the world. The great columnate of fuel to keep the great columnate of fuel to keep the great columnate of fuel to keep the great columnate of f

bassable by motor vehicles. Homes it were caught without an adeate supply of fuel are cheerless lees, with actual suffering not far my.

Dealers in coal and wood say that liveries have been partially reported along the main routes, but performed along the main routes, but at no general attempt can yet be last night that the area to be cleared will comprise from Front to Tenth street and from Taylor to Oak street -the heart of the business district.

Ice Skating Enjoyed. s-drawn vehicles, carrying small Roller skates passed into the limbo dies of fuel to the homes that are of neglected fads yesterday morning when Portland young folk woke to

> WATER SHOULD HE TURNED

All water users should turn water off at night. Unless this is done, the water supply will become so low, say officials of the water bureau, as to provide a fire menace. Officials of the water bureau say that practice of allowing water to run in homes throughout the night is causing tremendous waste.

find that real ice skating was to had within the boundaries of the city the sloughs and lakes of the districts legion in the country are gleanis supply that banishes the prosit of a milk famine. Deliveries are
being attempted on residential
tests and service is given only to blades.

The abrupt descent of the ther-mometer caught the houseboat colonies, floating at anchorage along the river, with especial severity. Ex-posed to the full sweep of the keen Striving to give Portland its morning glass of milk and its dash of ream for the coffee, dealers and the houseboat folk were, as one of the houseboat folk were, as one of river wind, and locked below and ouseboat folk were, as one of some of the grocery stores. One milk man rigged up a sleigh and drove into Pertland last night, bringing to his customers all the milk they would

the houseboat folk were, as one of the grocery stores. One milk man ray as one in appealing to the proper store. There are a sone in appealing to the proper store. There are sone in the plants of the colonies deserted their floating dwell in the plants. Saw, the colonies deserted their floating dwell in the plants. Saw, the colonies deserted their floating dwell in the plants. Saw, the plants are the milk, and the actual families and seek the first the plants are the milk, and the actual families and seek the tripout of the colonies deserted their floating dwell in the plants. Saw, the part of the milk, and the actual families are shore. Heights Folk Feel Severity.

Residents of that portion of the saws at a greating like the plants are the first the plants are the plants and the plants. Saw, the proper states the plants are the plants and the plants. Saw, the plants are the plants are the plants and the plants. Saw, the plants are the plants and the plants. Saw, the plants are the plants aread at the plants are the plants are the plants are the plants ar

thorities arranged housing facilities and keep several hundred people waiting," a true soldier refused.

ing," a true soldier, refused to leave his post and his "men," likewise insisted upon standing sentry duty. As a result the swan and ducks remain Rose City line. "In Los Angeles they

on the lake day and night, apparently enjoying the wintry blast.

Railroading in a Birney one-man Los Angeles wouldn't bother the com-

car, at times, in this kind of weather has nothing on railroading in Siberia, according to one combination away." "Say," interrupted another

motorman and conductor. Here is what he encountered yesterday morning on Grand avenue. First his "flivver" ran off the track. While out shovel-

appearance.

ing snow to clear the wheels, his to say.

These cars operate doors

The milk supply is the most trying

roblem in the residence district. This

is particularly true on the east side, where some deliveries to houses ceased several days ago, and milk distributors have even failed to reach

titions even worse, when the chill
temperature shall have sealed
fines and cakes of the previous
Though there were natches or
water on the current of the Wilsite, lee covered the greater por
of the river. With affected to zending
the shall have seeded to zending

Did the storm which has been gen-

in 1888.

The Willamette river at Portland was frozen across last night for the first time in 31 years. A floe of ragged ice, crunching and grinding, moved down the river all day with the current and with the advent of the high tide last night, which brought the current to a standstill the open water between the floating cakes congealed and the whole surface of the river was coated with an

M ILITARY tactics are disarranged at Laurelhurst lake because of the ice. For several years "General John J. Pershing," the snow-white swan, and the ducks have patrolled the lake in a somewhat systematized manner. However, the frozen condition of the lake now makes the patrol impossible, the military detachment being confined to a small area where current and course of the Manham. The master of the vessel, according to this radio message, expected to float the first automobile drivers were compelled to keep off the tracks. In the suburbs, as soon as gone to her assistance and was returning to Astoria, and it had been presumed from this fact that the Manham the storm has been some filiver and gets into the cleared space and churns the snow back upon the rails. A single automobile during the storm has been ability to make port in face of the ILITARY tactics are disarranged curb sign reading: "Free Parking at Laurelhurst lake because of Here." being confined to a small area where mobile during the storm has been ability to make port in face of the The oll tanker W. F. Herrin auc

> YESTERDAY'S MOVEMENT OF THE MERCURY. Hourly temperatures from 1 A. M. to 7 P. M. yesterday, as

announced by the weather bu-

1 A. M. 9 | 10 A. M. 10 1 A. M. 910 A. M. 10
2 A. M. 8 11 A. M. 12
3 A. M. 8 12 noon 13
4 A. M. 7 1 P. M. 15
5 A. M. 6 2 P. M. 16
6 A. M. 6 3 P. M. 17
7 A. M. 5 4 P. M. 15
8 A. M. 5 5 P. M. 14
8:30 A. M. 4 6 P. M. 11
9 A. M. 5 7 P. M. 10

rakes. These cars operate the crail over the state being but on the closed. Unable to cors cannot be closed. Unable to appear that track and his door wide penalty for failure to appear here in the country of the track and his door wide penalty for failure to appear here in the country of the track and his door wide penalty for trial vesterday? terday afternoon, plowing through ice with her steel prow practically all the way up the river. The tanker Captain A. F. Lucas left down from the oil docks at 9:15 o'clock yesterday morning and at 6 o'clock last night had not been heard from, though no fears are felt for her safety. The steamer Brookwood, loaded with ties for the Atlantic coast, starthail money which he had deposited and which was forfelted yesterday, may be returned, but if it is shown that the alleged bootlegger just didn't like the idea of standing trial for selling liquor to Indians on the Klaed at noon yesterday to go to West-port and had not been heard from yesterday evening.

All shippards had closed down yesnath reservation, he will be shown no consideration when he does put in an

terday afternoon and were keeping only watchmen at the plants. Saw-mills along the river have also discontinued operations. Logs everywhere are frozen solidly into the

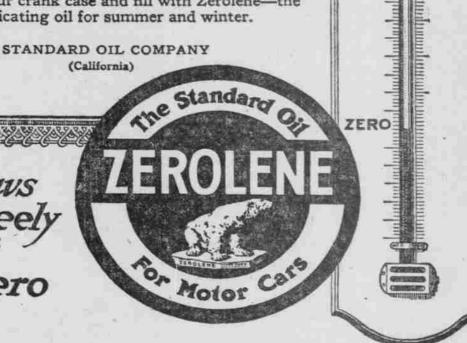
tested"

Winter and summer, Zerolene gives correct lubrication to your motor. Zerolene Medium and Zerolene Light feed and splash properly-even at ZERO.

A poor cold test oil congeals in cold weather, fails to feed properly and makes it necessary to run the engine for some time before the oil is sufficiently warm to flow freely. This period of running without proper lubrication may result in excessive wear of the bearings and scored cylinders. It means also very noticeable falling off of power and responsiveness in the engine.

Zerolene-correctly refined from California crude oil-is manufactured in several grades to meet the various requirements of the different types of internal combustion engines. Two of these grades — ZEROLENE LIGHT and ZEROLENE MEDIUM -are specially recommended for cold weather lubrication - ZEROLENE LIGHT for Ford cars and ZEROLENE MEDIUM for the cold weather lubrication of all other automobiles.

Drain your crank case and fill with Zerolene-the correct lubricating oil for summer and winter.



occurred in January, 1875. In that year, according to the old-time mariners, the stream was blocked to navi-

MEETING OF COUNTY OFFI-

CIALS GOES BY BOARD. Five Clerks and One Treasurer All Who Report for Annual

Two-Day Meeting.

Portland's unprecedented December storm successfully placed the finx on all attempts to hold the state convention of county clerks and of counmaster of the vessel, according ty treasurers in this city Thursday and Friday of this week. county clerks from outside counties Tangent Temperature Lowest, appeared and but one county treasurer and but one of the representatives

On account of traffic conditions n attempt was made Thursday to get the officials together, but as the con-ferences were scheduled to continue for two days it was hoped a quorum might put in an appearance yesterday. But no such luck. County Clerk Bev-eridge called the five visiting clerks chat and County Treasurer Lewis took the lone treasurer delegate to lunch.

The Brown and Informal be even colder, according to all indications, as it was 2 below here at it is the below here. L. B. Fox, former county clerk of Wasco county who was elected presi-dent of the state association before dent of the state association before his resignation, was among the of-

Joseph F. Beveridge, county clerk of Multnomah county, called the meeting. E. H. Lenox of Douglas county, secretary, and E. L. Coburn of Josephine county, treasurer. H. A. Kuratil of Washington county, C. Florey of Jackson county and C. K. McCormick of Union county, were

from an outlying county was George S. Calhoun of Grants Pass, Josephin

Fan Turned on Radiator Raises Temperature. Hood River Man Learns How to Keep House Warm.

warm. It has been discovered that lines are at last cleared and that pas-the little fans are as valuable in zero senger trains are being sent out or

14 BELOW RECORDED IN LINN was reported by rallway men.

While Albany Reports 11 Below.

ALBANY, Or., Dec. 12.—Eleven de-grees below zero, the collect weather here in an even half century, was the temperature recorded by the government termometer in Albany last night. Some other places in the coun-ty reported even lower temperatures. Tangent recording 14 below at 8 o'clock this morning. Tonight will Last night's record has been

qualed in Albany but once before, in ficials who negotiated the snow drifts between their homes and Portland for the sessions.

Joseph P. Beveridge, county clerk Joseph P. Beveridge, county clerk Sheep and other stock are sufferplace.

The sole county treasurer to appear INCOMING TRAINS STILL BE-HIND SCHEDULE, HOWEVER.

> Extra Engines Placed on Nearly All Outgoing Cars-Freight Movement Abandoned

To battle against weather condi-H COD RIVER, Or., Dec. 12.—(Spe-annals of transportation history Cial.)—Hood River families are Oregon, local railroad administration n cial.)—Hood River families are using electric fans to keep their houses officials announced yesterday that all S. S. Rose City

KEEP STRONG

One bottle of pure, emulsified Norwegian cod liver oil taken now, may do you more good than a dozen taken a month hence. It's more economical to give your body help before resistance to disease is broken down. A very little

SCOTT'S EMULSION

OF PURE NORWEGIAN COD-LIVER OIL goes a long way in sustaining strength and keeping up resistance. Resolve that you will buy a bottle of Scott's

Emulsion at your druggist's on your way home, and start protecting your strength. The exclusive grade of cod-liver oil used in Scott's Emulsion is the famous "S. & B. Process," made in Norway and refined in our own American Laboratories. It is a guarantee of purity and palatability unsurpassed Scott & Downe, Stoomfeld, N. J.

ture hovers around the century mark.

A number of families having hot water systems in their homes have brought electric fans from attic and closets, following the suggestion of J. E. Law, who last week made the suggestion after an experiment in his own home.

Schedule. Extra engines are being placed on nearly every train that clears the local tracks or arrives at the depot, and all available snow plows are at work in the Columbia river gorge. Blue mountains and the Siskiyous.

Incoming trains yesterday were trom a to 12 hours or more late from the east and two hours were late from the east and two hours were late from

own home.

"It is merely an application of a principle of physics," says Mr. Law, "Where an extremely cold object of high temperature, the greater the variation, the faster will heat or cold be absorbed. The extremely cold air, coming in contact with a hot radiator will absorb the heat readily. Thus an election is a superscript of the principle of physics, and the south. Most of the loss of time the storms of Nebraska and the Rocky mountains, however, it was abnumed. Severe cold stepped in yesterday as an obstacle in railway traffic, just about at the time when snow had at last been cleared from the tracks. Extra forces of men were tric fan turned on a radiator will tend to raise the temperature rapidly and maintain it at a comfortable point. Steam pipes from freezing and to have used an electric fan, and have been able to get along at my house ner, near Huntington, where the Spowith the use of a normal amount of the Oregon-Washington rallway, a the Oregon-Washington railway, a temperature of 34 degrees below zero

Freight traffic has been stopped entirely as a result of the situation, all equipment and engines being de-manded to keep the passenger service noving.

Trains yesterday morning were de-ayed in departure, due to shortage of equipment, but by afternoon the situation had been improved and today it is stated by railroad officials that trains will leave practically on

TRAVELERS' GUIDE.



om Portland S P. M., Dec. 17 th Bond, Marshfield, Eureka S. S. CITY OF TOPEKA Passenger and Freight Service to Mexico and Central America Ports From San Francisco S. SENATOR Dec. 13 TICKET OFFICE, 101 Third St.

SAN FRANCISCO Depart-12 Noon

THURSDAY, DEC. 18 From Ainsworth Dock Fare includes Berth and Meals. City Ticket Office, 3d and Washington Phone Main 3530 Freight Office, Ainsworth Dock Phone Broadway 268 SAN FRANCISCO & PORTLAND S. S. LINES

AUSTRALIA NEW ZEALAND AND SOUTH SEAS Vin Tuhiti and Raratonga, Mail and pas-senger service from San Francisco every L days, UNION S. S. CO. OF NEW ZEALAND, 230 California St., San Francisco, or local stemmship and railroad agencies

