



FILTER SUPPLY CORP. . . . Crews have been working two days to build a dike around this Miller industry at 580 E. 2nd St. Cooperating in the effort is Winona Industries, Inc., which is situated on adjacent land. Whittaker Marine & Manufacturing is in the background. (Daily News photos)

Dikes to Be Raised To Level of 22 Feet

By FRANK UHLIG
Daily News Staff Writer

Flood defense became Winona's biggest business today as government, industry and the public organized a massive effort to combat a predicted 20-foot crest on the fast-rising Mississippi River.

Much of the effort will be directed at raising dike levels to 22 feet. Protective levees now are built to a 20-foot level, slightly below the forecast high-water level.

CITY CONTRACTING firms, called into a special meeting Thursday afternoon by Mayor R. K. Ellings, went to work today. Men and machines were moved to four major sites in the project which was accorded priority over all else.

Orders for a total of 240,000 sandbags now have been placed. No one knows how many will be needed, Mayor Ellings said, but manufacturers are swamped with orders and delivery may be difficult later. Mayor Ellings said more than 600,000 had been used at Mankato where the Minnesota River was rising to historic heights, threatening mass destruction.

The 7,000 bags already on hand were being filled today by street department crews.

Bags will cost the city 10 cents each, the mayor said. Total cost therefore would be \$24,000. Should the city find itself with a surplus, the unused bags can be returned and the charge for these would be 3 1/2 cents each. If 100,000 bags remained unused, they could be sent back and the city would be charged \$3,500. Mayor Ellings said he considered this a justifiable expense.

According to City Engineer James Baird, whose office is the operational command post, the first defense effort will be on the city's perimeter, as established by existing dikes.

Four sectors have been outlined. One general contractor has been assigned to each. Heavy equipment furnished by the contractors can be shifted to points where it is most needed by special trailers being made available. Instant communications are provided by a full-time radio network linking each construction site with the City Hall headquarters.

Assigned to the PRAIRIE ISLAND dike area are men and equipment of Winona Plumbing Co. The levees are ex-

pected to bear much of the direct force of flood currents and will be strengthened and raised. The reinforced diking will be protected from washing by a facing of polyethylene plastic, weighted and held in place by sandbags. This method of erosion-proofing was employed at some points in 1932, city officials said, and worked out well.

A few driveway openings in the dike have been closed. Others will be closed later.

The Henry Scharmer firm will be responsible for the CROOKED SLOUGH dike, from Bierce Street to Huff Street. This segment is somewhat higher than the critical Prairie Island levee, engineering personnel said, and may require somewhat less bolstering.

Dunn Blacktop Co. will construct an emergency dike along WEST 5th STREET between the Westfield Golf Course clubhouse and the intersection of 5th and Junction streets. The temporary dike will be thrown up on the north side of the street. It will hold back possible flooding by Sweazy Lake of low areas south and east of the location. The lake is expected to rise substantially from seepage.

Placed in charge of raising dikes in the SHIVE ROAD-MANKATO AVENUE area was N. A. Roverud Co. About 3,000 feet of diking is involved. A new temporary dike will extend northeast from the Mankato-Sarnia intersection. Three to 10 feet of elevation will be added to the Shive Road dike which will connect with an existing dike about 1,000 feet east of Mankato Avenue.

Pumping at the east end of LAKE WINONA was to be doubled today. Fed by upland runoff through Gilmore Creek, the lake rose today to 649.9 (above sea level), about one inch higher than the maximum in 1932.

Two 12-inch pumps, each delivering 5,000 gallons per minute, have been in full-time operation as engineers sought to hold lake levels steady. Two more were to be added today to provide total capacity of 20,000 gallons per minute. The pumps throw water over flood gates into the lake outlet ditch.

Some efforts will be made to hold back high water in the EAST FRONT and EAST 2ND STREET areas. Baird said it appears evacuation of parts of the neighborhood will be necessary. In the 1932 flood no diking was done in the area.

Baird said the amount of valuation that can be protected is a guiding factor in determining how to plan defenses.

3 Minnesota State Highways Still Closed

The Minnesota Highway Department said this morning that Highway 250 from Lanesboro to the junction with Highway 30, Highway 74 from Elba to Weaver, and No. 26 southerly from the junction with 16 still were closed.

HIGHWAY 61, closed Thursday north of Red Wing at the junction with the Cannon River, was open this morning but with warm temperatures melting more snow and ice, might be closed again.

H. M. McLaird, Houston County engineer, said No. 26 is closed only about one mile, over the Root River bottoms southerly to Houston County Road 7.

There's an easy detour, however. Motorists going downriver take TH 16 to Hokah, turn south, and take CSAH 7 for three miles to connect with No. 26 again. The state highway isn't closed to the Iowa line, he said.

Two small segments of county roads remain closed in HOUSTON COUNTY, McLaird said. A bridge is out on CSAH 15 in a branch of the Yucatan Valley, practically closing three miles of highway.

Repairs to the Mound Prairie bridge were being completed this morning, opening traffic there again. About a mile of highway was closed but the area wasn't isolated because drivers would take a highway running east and west on the north side of Root River.

Bert Pinsonneault, WABASHA COUNTY engineer, said this morning 35 miles of highways still are closed in Wabasha County because of the rampaging Zumbro River, although TH 63 between Rochester and Lake City, closed Thursday because of high water at the river bridge, is open today.

Pinsonneault said both County Roads 24 and 6 are covered on Upper and Lower Sand Prairie from Wabasha downriver past Kellogg, with four or five sections of land under water. Also remaining closed are the Kellogg - Dumfries roads and 16 impassable miles in West Albany, Millville, Hammond and Zumbro Falls area where the narrow gorge Zumbro adjacent to the highways spills into them.

Mayor D. T. Rolfe, RUSHFORD, said Rush Creek, which flowed the fastest it had in 20 years, went over its banks again

(Continued on Page 2, Col. 5)
3 MINNESOTA

Downtown Firms Prepare for Flood

By GEORGE McCORMICK
Daily News Staff Writer

As high water continues its progress toward the city, Winona businessmen are rolling up their sleeves—and their trousers—legs—and preparing for the worst.

For the most part, they are attempting to protect their properties. When that is impossible, they are trying to keep damage and loss at a minimum.

PREPARATIONS are being made to ready a crew of workmen that will be available at a moment's notice when the flood reaches here.

Meeting with Manager Ray H. Brown at the Minnesota State Employment Service office to discuss this need this morning were Mayor R. K. Ellings, Civil Defense Director George McGuire and labor leaders Hollis Larsen and Russell Bundy.

The employment service office has been designated the official recruiting point for emergency flood workers. Firms hiring these

workers will pay them, Brown emphasized.

The manager asked that any man willing to work during the flood should call in person at the employment service office. The office needs to be able to reach him at any hour of the day or night, should an emergency arise, Brown said.

ALTHOUGH many firms will attempt to continue operations throughout any flood period, others will be forced to shut down. Brown sent a letter to Winona business places this morning, asking that they notify his office in advance in the event of a shutdown. This will enable his staff to prepare for an influx of unemployment compensation claimants, he explained.

Firms that will be among the hardest-hit by any flood are those situated along the riverfront on east Front and 2nd streets.

Winona's record flood in 1932 brought water to the equivalent of an elevation of 657.58 feet.

A 20- or 21-foot stage—the current prediction for this year—would bring the water level up to an elevation of 660 feet.

Second Street is above the 660-foot mark from Huff to Kansas streets, then again from Vine to St. Charles streets. The land slopes toward the river beyond 2nd Street, and Front Street is above the 660-foot mark only around St. Charles and High Forest streets.

Third Street is above the critical level from Winona to Carimona streets. Second Street, in effect, forms a dike to protect 3rd Street for two blocks from Carimona to St. Charles streets.

Firms situated along 2nd Street, although above the 660-foot elevation level, face the possibility of water entering their basements. One such business is R. D. CONE'S ACE HARDWARE, 66 E. 2nd St. There is approximately \$50,000 worth of merchandise in the basement, manager Robert McQueen said today, and finding room for it elsewhere would be a problem.

There was no water in the store basement during the 1932 flood, McQueen said, but a higher flood stage this year might bring water to the alley behind the building—and considerably lower than its front.

Cone's has been considering sandbagging the alley in cooperation with its neighbor on the west, HAL LEONARD MUSIC, INC.

Harold Edstrom, a company official, said there were two inches of water in the Hal Leonard building's basement in 1932, but a higher stage could be much worse.

HAWATHA PRINTING CO., a related firm, is situated in the Hal Leonard basement, and plans are now being made to move its stock of paper out of the basement this weekend, Edstrom said.

BAY STATE MILLING CO. announced Thursday afternoon that there would be no more market quotations from the firm until the flood threat has passed.

President Paul B. Miner said that a cessation of railroad service would be the first thing that would force his plant to shut down. Trains will not run when there is more than three inches of water on the tracks, he explained.

Bay State plans to operate until Tuesday, then will probably be closed.

(Continued on Page 2, Col. 5)
DOWNTOWN FIRMS

Mayor Says: Avoid Flood Work Areas

Sightseers and curiosity seekers got a stern warning today from Mayor R. K. Ellings as city flood defenses were being bolstered.

Too many onlookers are showing up at work sites and causing congestion, the mayor said. Barricades are up at points where workmen are busy building up dikes but cars bypass them freely to enter the work areas.

If a state of emergency is declared, the mayor said, all roads leading to the city will be closed. Special police will stop all cars headed into Winona. Those whose objectives are not considered vital will be turned back.

Individuals who wander idly about the work areas will be drafted as laborers on the spot, the mayor warned. If the river reaches the critical levels predicted, every possible bit of help will be needed, he said.

Child, 1 1/2 Years, Almost Drowns On Mabel Farm

MABEL, Minn. (Special)—High water almost took the life of a 1 1/2-year-old rural Mabel child Tuesday.

Shannon Flynn and her brother, Patrick, 3, were wading in a ditch in front of their home five miles west of Hesper when she went under. Patrick ran and told his mother, Mrs. James Flynn, who found Shannon floating and waded in waist deep to rescue her.

Mrs. Flynn called her father, Eugene McCabe, Burr Oak businessman, who sent Donald Sexton, Mrs. Flynn's uncle, to her assistance. He applied artificial respiration. The child had turned blue but after some time responded. Mrs. Flynn and Sexton took her to Smith Memorial Hospital, Decorah, where she is reported to be recovering satisfactorily.

The ditch leading into the Flynn farm from a bridge on Highway 52, had filled with water from melting snow.



LAKE PUMPS . . . Dumping 10,000 gallons a minute into the Lake Winona outlet ditch are two pumps, due to be reinforced today by two more of the same size. Pumping was going on around the clock as engineers tried to hold rising lake levels in check. Heavy runoff from Gilmore

Creek raised the lake today to a higher point than it reached in the 1932 floods. Foundations of Lake Park Lodge were being surrounded by sandbags as water rose on three sides of the building. (Daily News photo)



BAY STATE MILLING CO. . . . Surveying the prospects for flooding at this riverfront firm are employees Walter Grunwald and — indicating the water level predicted by the Army Corps of Engineers — Harold Berg. The mark on the building shows where water reached in 1932. (Daily News photo)



FILLING THE BAGS . . . Filling bags from a mountainous pile of sand at a street department stockpile are these two workers, part of a crew which began work Thursday. Bags will be used to line exposed sides of protective levees around the city. Most of the 240,000 bags now on order will be in Winona by Monday, city officials learned today. (Daily News photo)

20.5-21 Forecast Now

The time for Winona's crest in the Mississippi River flood was moved ahead a day and a raised one half to one foot by the Weather Bureau today.

The crest was set at 20.5 to 21 feet and was predicted for April 20.

This was the third revision in the Weather Bureau's predicted crest which originally set a minimum of 14.5 and then revised to 18 feet and only Thursday raised to 20 feet as additional rains filled tributary streams flowing into the Minnesota, Chippewa and Upper Mississippi rivers.

THE STAGE at Winona at noon today was 12.17, up 1.2 feet since Thursday. The Weather Bureau said the rise would be to 12.7 Saturday and 13.1 Sunday. The 13-foot figure is flood stage here.

The crest was expected to reach Red Wing on April 17 and would be 18.2 feet, the bureau reported. Flood stage at Red Wing is 14 feet.

Other area stages and 24-hour rises include:

Lake City	12.6	+1.1
Wabasha	10.9	+1.0
Alma	10.8	+ .8
Whitman	9.5	+ .7
Winona SA	11.2	+1.2
Trempealeau	11.6	+ .9
Dressbach	11.3	+1.1
La Crosse	12.1	+ .7

A secondary rise was reported in area tributary streams from Thursday's rain but none exceeded previous highs.

The Chippewa River at Durand was 12.6, up .6 of a foot; the Zumbro at Theilman 42.4, down .5; Trempealeau at Dodge, Wis. 8.4, down .6; Black at Galesville 8.7, up 2.5; Root at Houston 17.1, up 1 foot and the Root at Hokah 49.2, unchanged.

ADDITIONAL RAIN will complicate the flood picture through Wednesday at least.

Up to an inch of precipitation is forecast for Southeastern Minnesota and Western Wisconsin in the next five days,

occurring mostly as rain Saturday, Monday and Wednesday.

Temperatures for the same time will average 2 to 6 degrees above seasonal normals of 50-55 in the afternoon and 30-35 at night.

Variable cloudiness is the prediction for tonight and Saturday with occasional rain likely Saturday. It will be a little warmer tonight with the low 32-38 and a high of 48-55 seen for Saturday.

THURSDAY'S rain in Winona totaled .86 of an inch. The high temperature during the past 24 hours was 42 and the low 28 with a reading of 51 at noon.

A year ago today the high was 44 and the low 26. All-time high for April 9 was 87 in 1931 and the low for the day 17 in 1928. Mean for the past 24 hours was 35. Normal for this day is 44.

Rainfall was heaviest in this area with La Crosse posting 1.05 inches and Rochester .68 of an inch. The high tempera-

ture at Rochester Thursday was 37 and the low this morning 31. At La Crosse temperature extremes for the same time was 38 and 24.

Duluth's 21 was lowest in the state.

A low pressure system brought rain and cool temperatures to WISCONSIN Thursday but a warming trend was developing today.

Rhinelandler had a temperature reading of 20 degrees during the night to take honors as the coldest spot in the nation.

The precipitation area covered about the southern half of Wisconsin.

Other rainfall amounts were: Lone Rock 62 inch, Madison .57, Beloit-Rockford area .56, Burlington .37, Racine .35, Milwaukee Gen. Mitchell Field .34. The Superior area in the far northwest corner of the state and the Beloit-Rockford area in the extreme southern portion reached a maximum temperature of 50 Thursday. The nation's high was 100 at Laredo, Tex.

Wierather Farm At Kellogg Shown Flood Delaying Fluoridation

KELLOGG, Minn. — The flooded farm picture shown on the front page of the Daily News Thursday was the place occupied by the Donald Wierather farm instead of the Jack Fitzgerald farm, Mrs. Wierather said this morning.

It's about 1 1/2 miles upriver from Kellogg and about one-half mile east of Highway 61 on Upper Sand Prairie. The farm is owned by Dr. Anthony Peters, Burbank, Calif., and operated by the Wierathers.

Mrs. Wierather said water had been running through the barn and other outbuildings but hadn't entered the house. The Zumbro River was down some this morning, she said.

When the Mississippi River floods, it backs into the Zumbro, she said. If the Zumbro is down by the time the Mississippi crest reaches here, flooding

won't be so bad, but if the Zumbro still is full, extensive flooding is expected.

Fluoridation of city water, held up for a variety of mechanical reasons, will be further delayed by present flood conditions, the board of Municipal Works learned Thursday.

Most of the necessary equipment is on hand and has been installed, G. O. Harvey, water commissioner reported. If there were no high water to interfere, work could be finished in three weeks, he said. Ground levels now are exceptionally high, making it impossible to hook up a flow meter located in a deep manhole. The manhole is flooded, Harvey said.

Fluoridation probably will begin a month after the river subsides to normal levels, Harvey said.

ANOTHER IMPORTANT COMMUNITY FACT

SOON . . . Additional residents in Winona

SAUER MEMORIAL HOME
Home for the Aged
WINONA, MINNESOTA