

VOLUME

MISSISSIPPI

FIRE LIMITS

RAILROAD

ST. LOUIS

ST. PAUL
Volume 17

NEW REPORT, MAY, 1932

Prevailing Winds:—Northeast in winter; southeast in summer.

PAVING:—8 miles of paved streets, all others graveled.

GRADES:—The city lies quite level in north and south direction on various levels from east to west as noted. The packing houses, stock yards and business section are located on the lower level at elevation of 120' at Grand Ave. and Concord St. Elevation 206' at Third Ave. and Marie Ave., 228' at Fourth Ave. and Marie Ave., 234' at Tenth Ave. and Marie Ave. and 333' at Marie Ave. and Waterloo Ave. (city limits).

PUBLIC LIGHTS:—Electric

WATER FACILITIES

Municipal ownership. Source, 2 wells. Gravity system. 1 concrete water tank, 30' diameter, 25' high, capacity 115,000 gallons on concrete walls 70' high, with a concrete reservoir of 140,000 gallons capacity beneath, in ground, located at northwest corner of Thompson Ave. and Nineteenth Ave. N., 186' above business section. 1 steel standpipe, 16' diameter, 98' high, capacity 148,000 gallons located at Seventh Ave. N. and Second St. N., 111' above business section.

PUMP HOUSE NO. 1, located rear of 128 Concord St. (see Sheet No. 675).—1 Aurora electric centrifugal pump with 100 horsepower motor, capacity 1,000 gallons per minute; 1 Hill electric centrifugal pump with 75 horsepower motor, capacity 750 gallons per minute; 1 Sullivan air compressor with 50 horse power motor.

PUMP HOUSE No. 2, located at 1042 N. Concord St. (see Sheet No. 668).—1 electric deep well pump with 150 horsepower motor, capacity 1,500 gallons per minute. A centrifugal electric booster pump with 15 horsepower motor, capacity 250 gallons per minute is located in tower between the concrete tank and reservoir, and pumps from reservoir into the tank.

29 miles 6" to 10" water pipes. 276 triple hydrants. Average daily consumption 416,650 gallons. Pressure 40 lbs. at upper level; 110 lbs. in business section. Auxiliary supply, cross connection by gate valves with Swift & Co., Armour & Co. and St. Paul Stock Yards Co.'s water systems.

FIRE DEPARTMENT

1 chief, 1 assistant chief, 1 captain, 1 lieutenant, fully paid. 8 men, partly paid and 22 volunteers. 1 fire station. 12 men sleep in fire station. Department fully motorized.

1 Ahrens-Fox combination 1,000 gallons per minute pump and hose car, with 60 gallon booster tank, 1,800' 2 1/2" hose, 250' 1" hose and chemical extinguishers. 1 Packard triple combination fire engine, capacity 750 gallons per minute, 1,250' 2 1/2" hose, 35 gallon chemical tank, 250' 1" chemical hose and chemical extinguishers. 1 Republic public hose auto, 1,000' 2 1/2" hose, four 2 1/2 gallon chemical extinguishers. 1 Pierce Arrow hook and ladder truck with 3 gallon chemical tank, 250' 1" chemical hose, two 5 gallon chemical tanks and carrying the following lengths of extension ladders: 20', 24', 25', 30', 35' and 55'. 1 each 14' and 18' roof ladders. Total hose, 4,600' 2 1/2", 800' 1". Two 10 inch 8" and two 10 inch 6" suction hose.

Alarms given by telephone. Private alarm system and A. D. T. boxes.—Alarm boxes connected with South St. Paul Fire Department, Swift & Co. Packing plant and grounds: Steam siren. 208 A. D. T. boxes. St. Paul Union Stock Yards: Electric siren. 35 A. D. T. boxes. Armour & Co. packing plant and grounds: Steam whistle. 8 A. D. T. boxes. St. Paul Tannery (sheet 681): Steam whistle. 10 A. D. T. boxes.

FIRE-RESISTIVE ROOFING ORDINANCE IN BUSINESS SECTION ONLY.

BRICK BUILDING WITH BRICK OR METAL CORNICE
 FIRE-RESISTANT
 FRAME INVERTED
 BRICK OR METAL CORNICE
 COMBUSTIBLE OR NON-COMBUSTIBLE ROOF
 CORRUGATED IRON
 BRICK VEE
 DI DWELLING
 FRAME BUILDING
 IRON CLAD
 STONE BUILDING
 FIRE-PROOF BUILDING
 FIRE WALL 6 inches above roof
 12
 18
 24
 36
 Figures are in 16 to indicate thickness of wall in inches
 Wall without openings and size in inches
 Wall with openings. Figures indicate on which floor
 opening protected by single iron door
 double doors
 STANDARD
 WINDOWS
 Windows protected by iron shutters
 Window opening in first story
 second
 Windows opening in second and third stories
 fourth
 Stable
 Steam boilers
 Chimneys
 Single
 D.H. Double
 T.M. Triple
 Hydrants
 Water pipe with size in inches
 V.P. = Vertical pipe or stand pipe
 with fire escape
 Fire escape
 Engine and horse power in figures
 Fire alarm box
 Fire pump
 Block numbers
 Fire engine house
 (AS SHOWN ON KEY MAP)
 24
 Reference to adjoining sheet

24
Reference to
adjoining sheet

Reference to
adjoining sheet

NOTICE
THE JUNE 1943 CORRECTION OF
ST. PAUL, MINN. - VOL. 5 INCLUDES
ADDITIONAL TERRITORY FORMERLY
UNMAPPED NOW APPEARING ON
SHEET 664

SANBORN MAP CO.

GRAPHIC MAP
of VOLUMES

