

Population:—109,283.

Prevailing Winds:—Northwest. Northeast in summer.

Faving:—130 miles.

Grades:—As shown. Source of datum from official records.

WATER FACILITIES

City owned. Source from 16 deep wells, total capacity 19,000,000 gallons per day, and from Rio Grande via Franklin Canal, capacity 12,000,000 gallons per day. Direct and gravity pressure high and low service systems. Concrete reservoirs: Low service: 1. elevated 210' above level of business section, 2 capacity 4,000,000 gallons each, 1 capacity 11,600,000 gallons and 1 capacity 40,600,000 gallons. (High service: 5, 2 elevated 405' above level of business section, capacity 2,500,000 gallons and 5,500,000 gallons, 2 elevated 417' above level of business section, capacity 150,000 gallons and 2,000,000 gallons, 1 capacity 1,300,000 gallons, elevated 170' above level of business section).

ELECTRIC PUMPS.—16 well turbines: 11 Byron-Jackson, 2 capacity 700 gallons per minute, 2 capacity 800 gallons per minute, 1 capacity 750 gallons per minute, 1 capacity 1,000 gallons per minute, and 5 capacity 1,200 gallons per minute each. 2 Layne & Bowler, capacity 1,000 and 1,100 gallons per minute. 2 American Well Works, capacity 1,000 gallons per minute each, and 1 Peeries, capacity 1,200 gallons per minute.

15 LOW SERVICE BOOSTER.—3 American Well Works, capacity 700 gallons per minute, 1,000 gallons per minute and 1,100 gallons per minute. 3 Fairbanks-Morse, capacity 1,200 gallons per minute,

2,000 gallons per minute and 1,100 gallons per minute. 4 Allis-Chalmers, capacity 700 gallons per minute, 2,100 gallons per minute, 4,000 gallons per minute, and 1,400 gallons per minute. 1 Worthington, capacity 3,300 gallons per minute, and 4 Allis-Chalmers, capacity 2,300 gallons per minute each.

7 HIGH SERVICE BOOSTER. 4 American Well Works, capacity 350 gallons per minute, 700 gallons per minute, 1,000 gallons per minute, and 1,500 gallons per minute. 1 Allis-Chalmers, capacity 900 gallons per minute, and 2 Fairbanks-Morse, capacity 1,150 gallons per minute and 1,200 gallons per minute.

16 1/2 miles of 4" to 24" mains. 758 triple hydrants. Average daily consumption 11,000,000 gallons. Domestic and fire pressure 90 lbs. in business section.

FIRE DEPARTMENT

Fully paid. 1 chief, 4 assistant chiefs and 96 men. 8 fire stations.

4 American-LaFrance combination pumper, booster and hose trucks, with 750 gallon per minute pump, 80 gallon booster tank, 1 with 1,000' 2 1/2" hose and 3 with 1,100' 2 1/2" hose, 2 with 250' 2 1/2" hose and 2 with 200' 2 1/2" hose, 300' 1 1/2" hose and minor equipment. 2 Seagrave combination pumper, booster and hose trucks, with 1,000 gallon per minute pump, 100 gallon booster tank, 250' 2 1/2" hose, 1 with 1,100' 2 1/2" hose and 1 with 100' 2 1/2" hose, 300' 1 1/2" hose and minor equipment. 2 American-LaFrance combination pumper, booster and hose trucks with 1,000 gallon per minute pump, 80 booster and hose trucks with 1,000 gallon booster tank, 300' 1 1/2" hose, 1 with 200' 2 1/2" hose and 1 with 250' 2 1/2" hose, 1 with 1,100' 2 1/2" hose and 1 with 1,000' 2 1/2" hose and

minor equipment. 1 American-LaFrance combination pumper, hose, booster and ladder truck with 750 gallon per minute pump, 1,000' 2 1/2" hose, 100 gallon booster tank, 250' ladders, 200' 1 1/2" hose and 2 1/2" hose, 100 gallon booster tank, 250' ladders, 200' 1 1/2" hose and 2 1/2" hose, 100 gallon booster tank, 250' ladders and hook and ladder truck with 100' 3" hose, 320' ladders and minor equipment. 1 American-LaFrance combination booster, hose and ladder truck with 80 gallon booster tank, 250' 1 1/2" hose, 27 1/2" ladders and minor equipment. 1 American-LaFrance 75' aerial truck with minor equipment.

EQUIPMENT IN RESERVE. 4,650' 2 1/2" hose and 3,000' 1 1/2" hose. 1 American-LaFrance combination pumper, booster and foamite truck with 500 gallon per minute pump, 500 lbs. of foamite powder, 300' 2 1/2" hose, 100' 1 1/2" hose, 150' 2" hose, 225 gallon booster tank, 250' 2 1/2" hose, 100' 2 1/2" hose, 100' 1 1/2" hose and 2 1/2" hose with 750 gallon per minute pump, 80 gallon booster tank, 200' 2 1/2" hose and minor equipment. 1 Continental pumper, hose and booster truck with 750 gallon per minute pump, 80 gallon booster tank, 200' 2 1/2" hose, 1,100' 2 1/2" hose and minor equipment. 1 American-LaFrance combination pumper, booster and hose truck with 750 gallon per minute pump, 85 gallon booster tank, 200' 2 1/2" hose, 1,000' 2 1/2" hose and minor equipment. 1 G. M. C. combination booster and hose truck with 90 gallon booster tank, 200' 2" hose, 1,200' 2 1/2" hose and minor equipment. motor hook and ladder truck with 185' ladders and minor equipment. 1 American-LaFrance combination pumper and booster truck with 750 gallon per minute pump and 80 gallon booster tank. 1 Ford chief's car. 1 Chevrolet assistant chief's car. (Fordard "O" in reserve). 1 second assistant chief's Ford V "8" car.

Gaswell fire alarm system. 187 boxes. Fire alarm headquarters in fire-proof building, located at corner S. Campbell and E. Overland Sts.

FIRE LIMITS ZONE No. 1. Shown by red lines. All buildings to be of fire-proof construction or equipped with automatic sprinklers on each story of solid masonry construction.

FIRE LIMITS ZONE No. 2.—Shown by blue lines. No building of frame construction. No building of unprotected steel construction shall be erected more than one story in height including basement, or exceeding 6,000 sq. ft. unless protected by automatic sprinklers.

FIRE LIMITS ZONE No. 3.—Shown by green lines. No building of frame construction. No building of unprotected metal construction more than two stories in height including basement or exceeding 6,000 sq. ft. unless protected by automatic sprinklers.

LUMBER YARD DISTRICTS shown by grey lines and marked "Boundary of Lumber District" on Key Map. In these districts buildings and sheds of frame construction may be erected if not more than 25' in height.

OUTSIDE OF FIRE ZONES, frame construction shall not be permitted except for residence buildings not more than two stories in height with outside walls covered with plaster or veneered with brick or stone.

FIRE-RESISTIVE ROOFING ORDINANCE.

Ordinance prohibiting wooden shingle roofs, adopted April, 1917.

NOTE.—The official name of all alleys is the same as the street immediately on the east or south.

All information contained in this volume, covering properties that might be related to National Defense activities, is to be treated as strictly confidential by our subscribers and not divulged to any outside interests. The U. S. Espionage Act makes it incumbent upon possessors of information relating to National Defense to take all possible precautions to prevent it from falling into the hands of interests inimical to the United States.

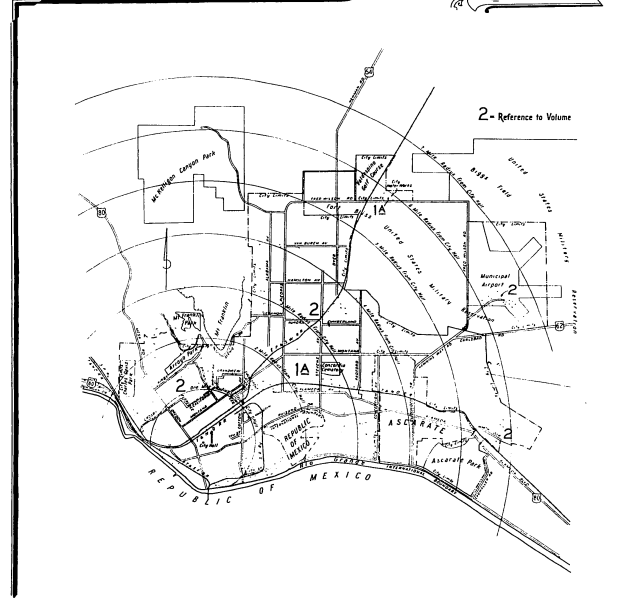
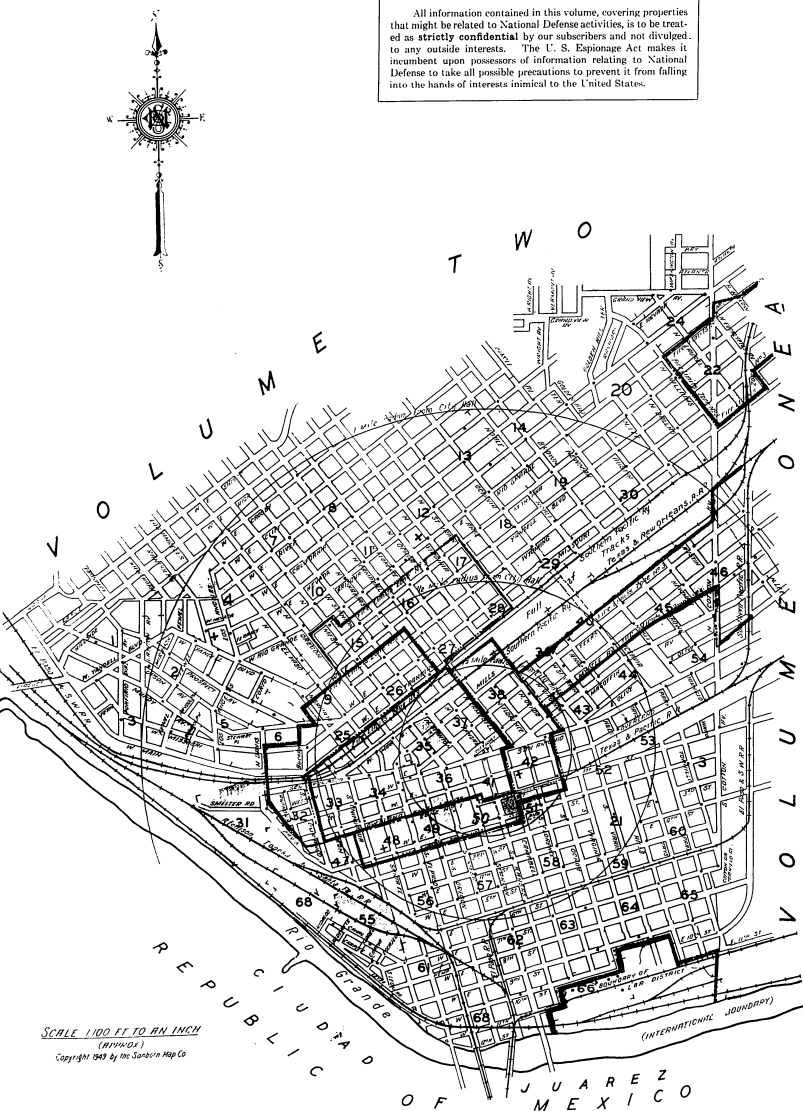
KEY

KEY legend with various symbols and text descriptions for fire safety features like fireproof construction, window openings, and equipment.

CORRECTION RECORD

Table with columns: NO., DATE OF CORRECTION, ATTACHED BY, DATE ATTACHED. Includes entry #53 from 1942 by H. B. BRYANT.

GRAPHIC MAP OF VOLUMES



SCALE 1:100 FT TO AN INCH (MEXICO) Copyright 1943 by the Sanborn Map Co