

Population 26,000 Prevailing Winds So. West.

WATER FACILITIES

Stand pipe and direct pressure system of water works owned by the city. Water supply from Walnut Creek is collected into an impounding reservoir of 87 million gallons capacity located one mile West of pumping station, from which it flows by gravity through 18' main for 7/8 the distance then through two pipes one 18" and one 16" into a settling basin at pumping station located on Fayetteville Road 1/4 mile South of State House. Water is then filtered and pumped into reservoir of two million gallons capacity located at pumping station which is 1/2 mile from S. E. cor of Morgan and Fayetteville Sts. From this reservoir water is pumped into stand pipe of 100,000 gallon capacity located on W. Morgan St. bet. McDowell and Salisbury Sts. at an elevation of 85 ft above cor of Morgan and Fayetteville Sts. and into distributing system.

One Worthington compound pump, capacity 2 1/2 million gallons one McCowan compound duplex pump capacity 3 million gallons one Freese compound duplex geared electric pump capacity 2 1/2 million gallons per 24 hours.

29 miles of water pipes, 4" to 16" diam. System installed and 12 miles of pipe laid in 1938, the remainder laid at intervals since. 231 double hydrants, 2 single hydrants. Average domestic pressure 50 lbs. fire pressure 100 to 125 lbs. per sq. inch. Average daily consumption 1,600,000 gallons.

FIRE DEPARTMENT

24 fully paid men four horses.

Gamewell fire alarm system, 52 boxes.

Public lights electric.

Elevation, Datum Plane - sea level.

2 1/2 miles of streets paved with asphalt, 7 1/2 mile with cobble stones and 2 1/2 miles with prepared clay. The remaining streets are in fair condition.

KEY

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| | Fire proof construction | | Figures 6 to 20 indicate thickness of wall in inches |
| | Hollow concrete or cement block construction | | Wall without opening, and size in inches with openings, figures indicate on which face opening protected by single iron bar |
| | Brick building with brick or metal cornice | | Double |
| | Frame entrance | | Window protected by iron shutters |
| | Stone front | | Window opening in first story |
| | Frame side | | Windows in second and third stories |
| | Brick veneer building | | Water pipes and size in inches |
| | Frame building | | Steam boilers |
| | Stone building | | Fire escape with fire escape |
| | Fire wall 6 inches above roof | | Automatic sprinklers |
| | Fire wall 12 inches above roof | | Automatic fire alarm |
| | Fire wall 15 inches above roof | | Fire alarm box |
| | Fire wall 24 inches above roof | | Face pump |
| | Fire wall 36 inches above roof | | Independent electric alarm |
| | Stable | | Fire engine house as shown in key map |
| | Elevation 5 block number 17 | | |

