

DROUGHT / EMERGENCY CONTINGENCY

The City of Valley Falls addresses its short-term water shortage problems through a series of stages based on conditions of supply and demand with accompanying triggers, goals, and actions. Each stage is more stringent in water use than the previous stage water supply conditions are more deteriorated. The City Administrator is authorized by Ordinance to implement the appropriate conservation measures.

STAGE 1: WATER WATCH

Triggers

This stage is triggered by any of the following conditions:

1. The City storage has fallen below the 85% capacity.
2. The demands for one day is in excess of 275,000 gallons per day.
3. Lake Perry water level falls to and elevation of 890 feet.

Goals

The goals of this stage are to heighten awareness of the public on water conditions and to maintain the integrity of the water supply system.

Education Actions

1. The city will make occasional news releases to the local media describing present conditions and indicating the water supply outlook for the upcoming season.
2. Previous months summaries of precipitation, temperature, water levels, and storage will be made public at the beginning of the month.

Management Actions

Leaks will be repaired within 48 hours of detection.

The City will monitor its use of water and will curtail activities such as hydrant flushing and street cleaning.

Regulation Actions

The public will be asked to curtail some outdoor water use and to make efficient use of indoor water, i.e. wash full loads of laundry, take short showers, don't let faucets/toilets run, etc.

STAGE 2: WATER WATCH

Triggers

This stage is triggered by any of the following conditions:

1. The City storage has fallen below the 70% capacity.
2. The demands for one day is in excess of 300,000 gallons per day.
3. Lake Perry water levels falls to the elevation of 889 feet.

Goals

The goals of this stage are to reduce the peak demands by 20% and to reduce overall weekly consumption by 10%.

Education Actions

1. The City will make weekly news releases to the local media describing present conditions and indicating the water supply outlook for the upcoming week.
2. Previous weeks summaries of precipitation, temperature, water levels, and storage will be made public each Thursday.
3. The City will place inserts in each customer's water bill outlining tips on conserving water indoors and outdoors.
4. Water conservation articles will be provided to the local newspaper.

Management Activities

City water supplies will be monitored daily.

Leaks will be repaired within 24 hours of detection.

The City will curtail its water usage, including the operation of fountains, water of City grounds, and washing vehicles.

Regulation Actions

1. An odd/even lawn watering system will be imposed on City residents. Residents with odd-numbered addresses will water on odd days, even-numbered addresses will water on even days. D
2. Outdoor water use, including lawn watering and car washing will be restricted between the hours of 10:00 a.m. and 9:00 p.m.
3. Refill of swimming pools will be allowed one day a week after sunset.
4. Excess water use charges for usage of water over the amount used in winter will be imposed.

STAGE 3: WATER WATCH

Triggers

This stage is triggered by any of the following conditions:

1. The city storage has fallen below the 50% capacity.
2. Treatment plan operations are at 80% capacity for more than three consecutive days.
3. The demands for one day is in excess of 325,000 gallons per day.
4. Lake Perry water level falls to an elevation of 888 feed.

Goals

The goals of this state are to reduce the peak demands by 50% and to reduce overall weekly consumption by 25%.

Education Activities

1. The City will make daily news releases to the local media describing present conditions and indicating the water supply outlook for the next day.
2. The City will hold public meetings to discuss the emergency, the status of the City water supply, and further actions which need to be taken.

Management Activities

1. City water supplies will be monitored daily.
2. Leaks will be repaired within 24 hours of detection.
3. System pressure will be maintained below 60 pounds per square inch.
4. The City will seek emergency supplies from other users, the State, or the Federal government.

Regulation Activities

1. Outdoor water use will be banned.
2. Waste of water will be prohibited.