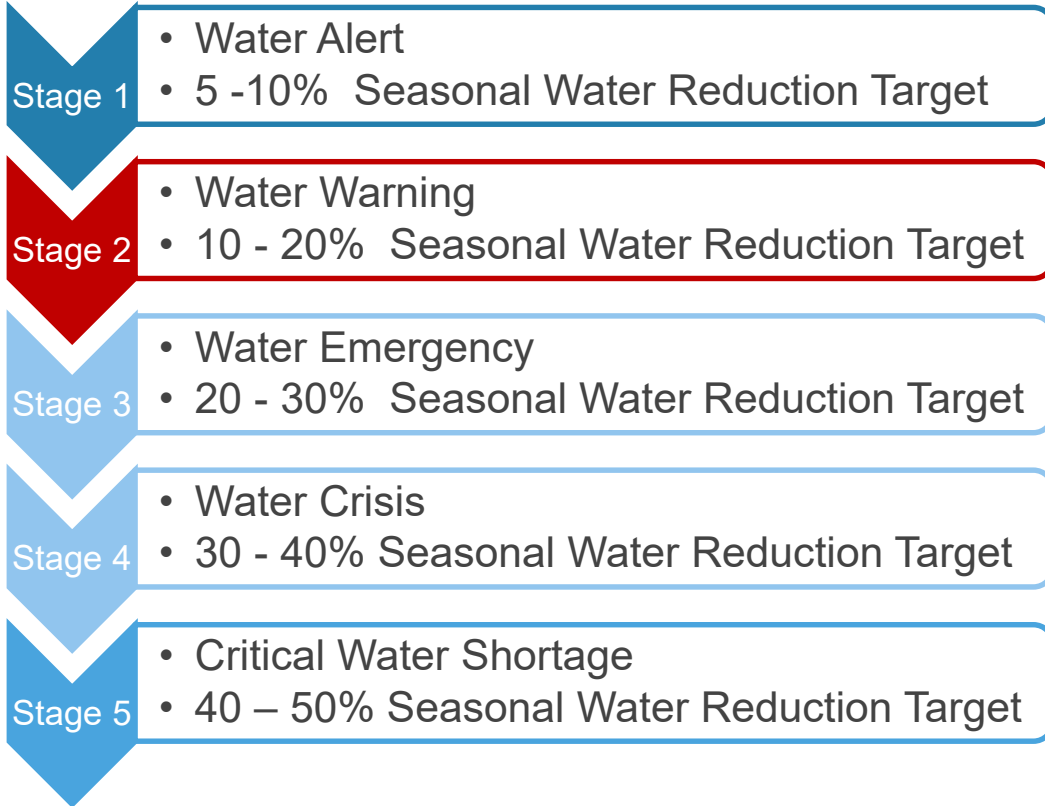




DOWNGRADE TO STAGE 2 – WATER WARNING

City Council Meeting
October 12, 2021

Water Conservation Stages



Stage 2– Restrictions

1. Wasteful use of water is prohibited. All water usage must be for beneficial uses.
2. During any water use, water shall stay confined to the customer's property and is not allowed to run off onto adjoining property, public sidewalks, streets or parking lots. Water use should not exceed the point of saturation.
3. Landscape irrigation is limited to two days per week and is only allowed on Tuesdays and Saturdays from 12am to 9am and 6pm to 11:59pm. Drip irrigation is allowed on any day of the week.
4. Washing of streets, parking lots, driveways, sidewalks, buildings and other hardscape surfaces is prohibited, except with an approved exemption form.

Stage 2– Restrictions (continued)

5. All pools, spas and ornamental fountains shall be equipped with a recirculating pump and shall be leak proof.
6. Restaurants shall serve water only upon specific request.
7. Hotels and lodging establishments shall not provide patrons with stays of three days or less daily laundering of towels, sheets and linens. Lodges must prominently display notice of this requirement in each room.
8. All Water leaks must be repaired as soon as feasible but no later than three days after notification.

City Water Supply System

Three surface water Sources:

- × Waterfall Gulch (tributary to Hare Creek)
- × Newman Gulch (tributary to Noyo River)
- × Noyo River (diversion at Madsen Hole)
 - × *Provides approximately 60% of summer/fall supply*
 - × *Impacted by high tides creating high salinity*
 - × *12 days of tides > 6 ft. in October*

Storage 22.6 Million Gallons:

- × Summers Lane Reservoir 14.7 M gallons
- × Finished Water Tanks 4.5 M gallons
- × Raw Water Holding Ponds 3.4 M gallons

Current Usage & Supply for October

Three surface water Sources:

- × Waterfall Gulch 118k gallons to refill Summers Lane
- × Newman Gulch 180k gallons
- × Noyo River (diversion at Madsen Hole)
 - × *12 days of tides > 6 ft. in October*
 - × *Desalinization unit up to 144k gallons a day*
 - × *Regular Flow at 1.60 cfs on Octoberth11*

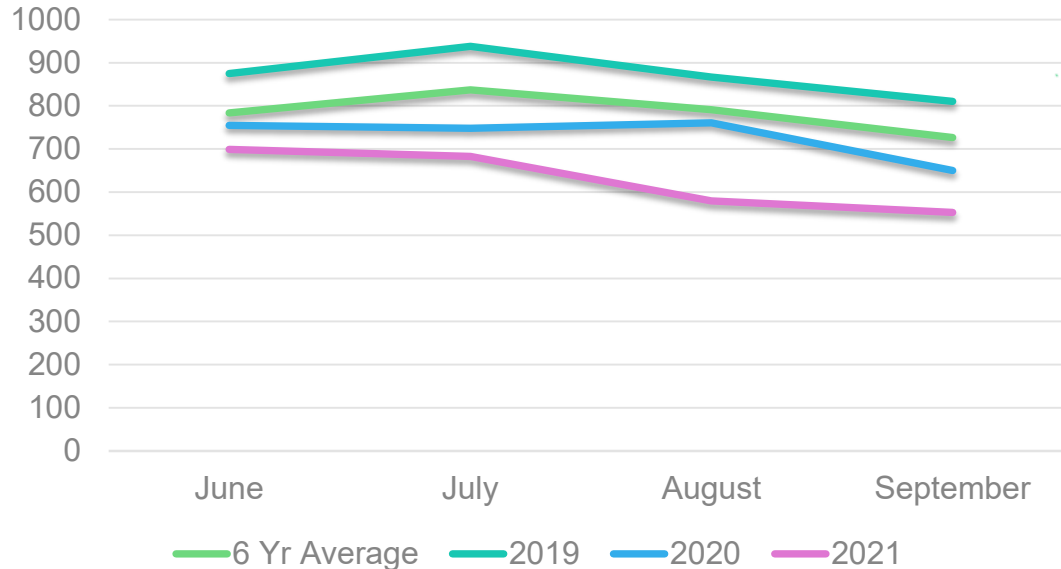
Current Usage: 510k gallons daily

Summers Lane Reservoir:

- × 14.7 M gallons on 10-11-21 (100%)

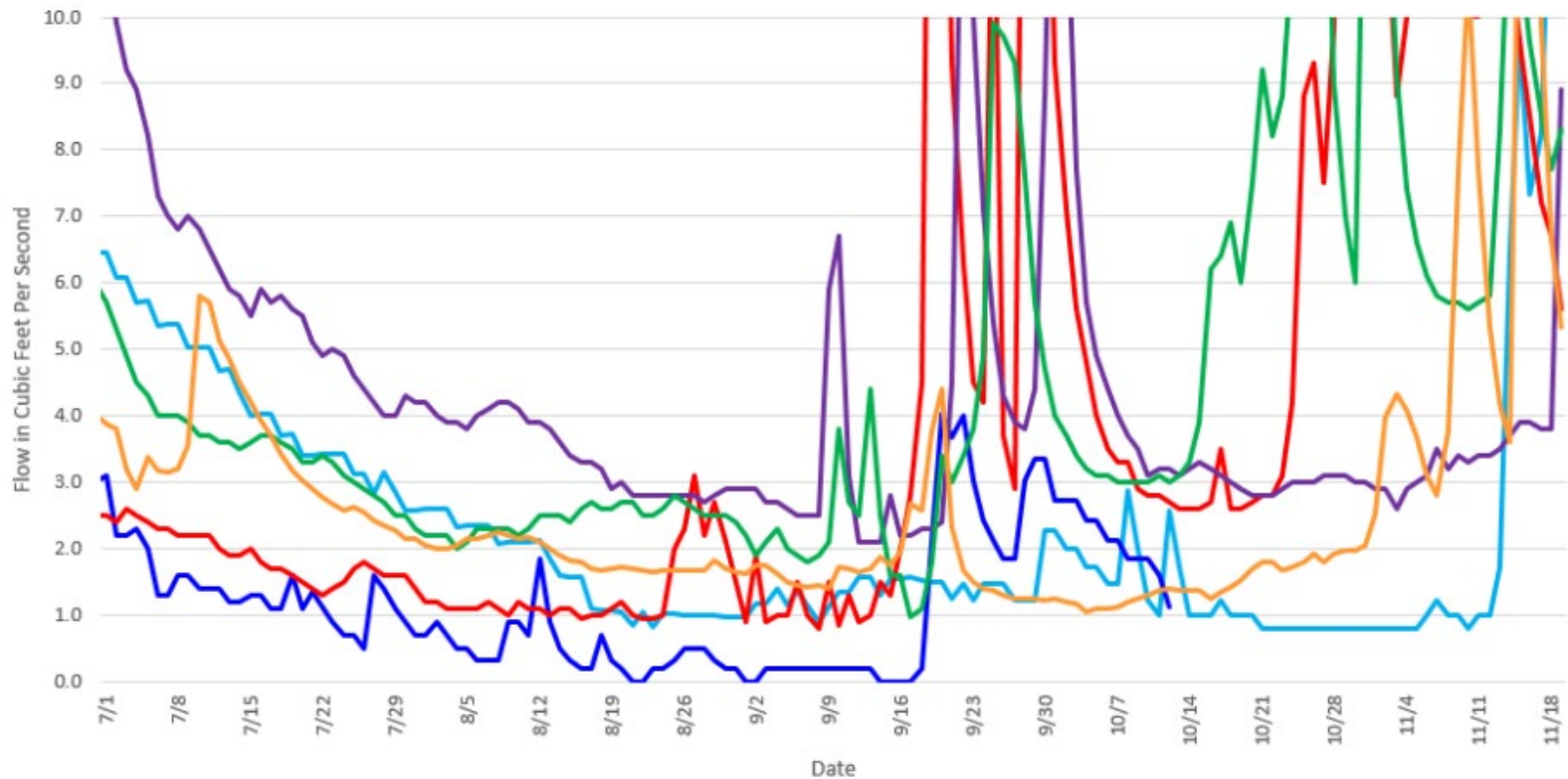
Summer Water Usage

2015-2021
Per day in 1,000 gallons

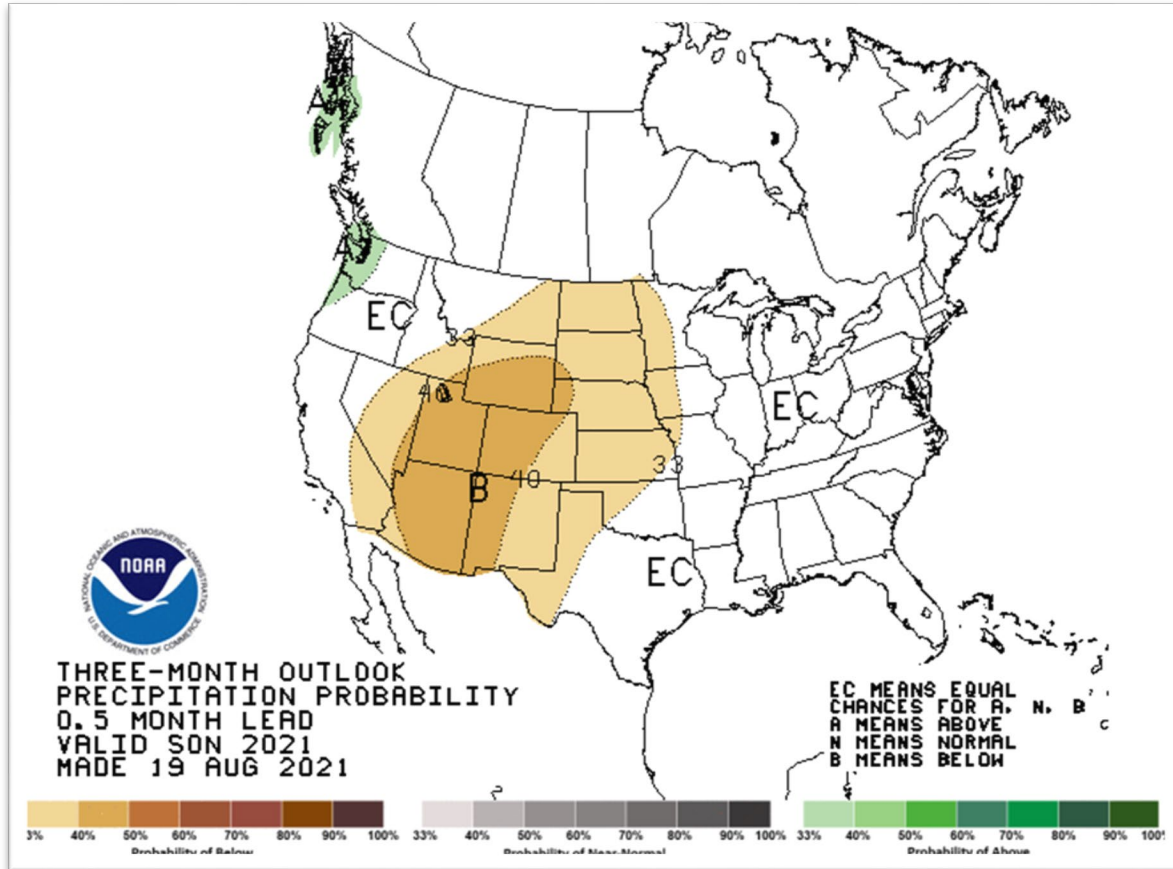


Noyo Flows

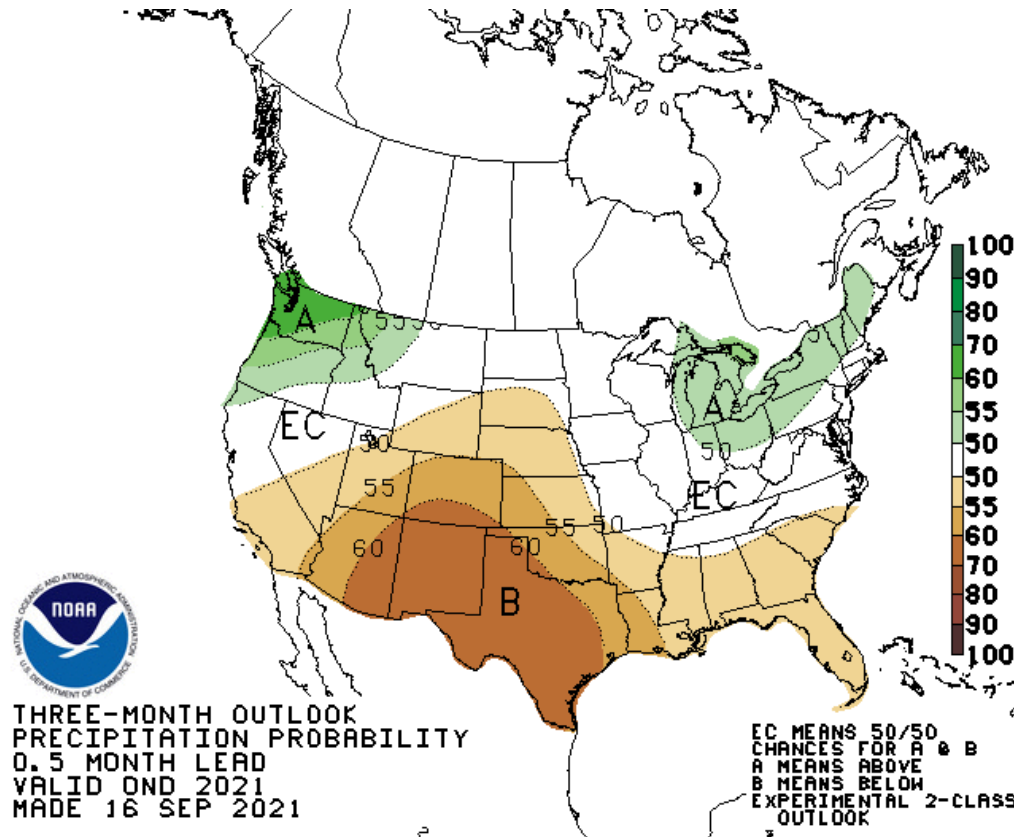
USGS 2020 USGS 2021 USGS 1977 USGS 2013 USGS 2014 USGS 2015



Prior Rain Outlook Sept, Oct & Nov 2021



Updated Rain Outlook Oct, Nov & Dec 2021



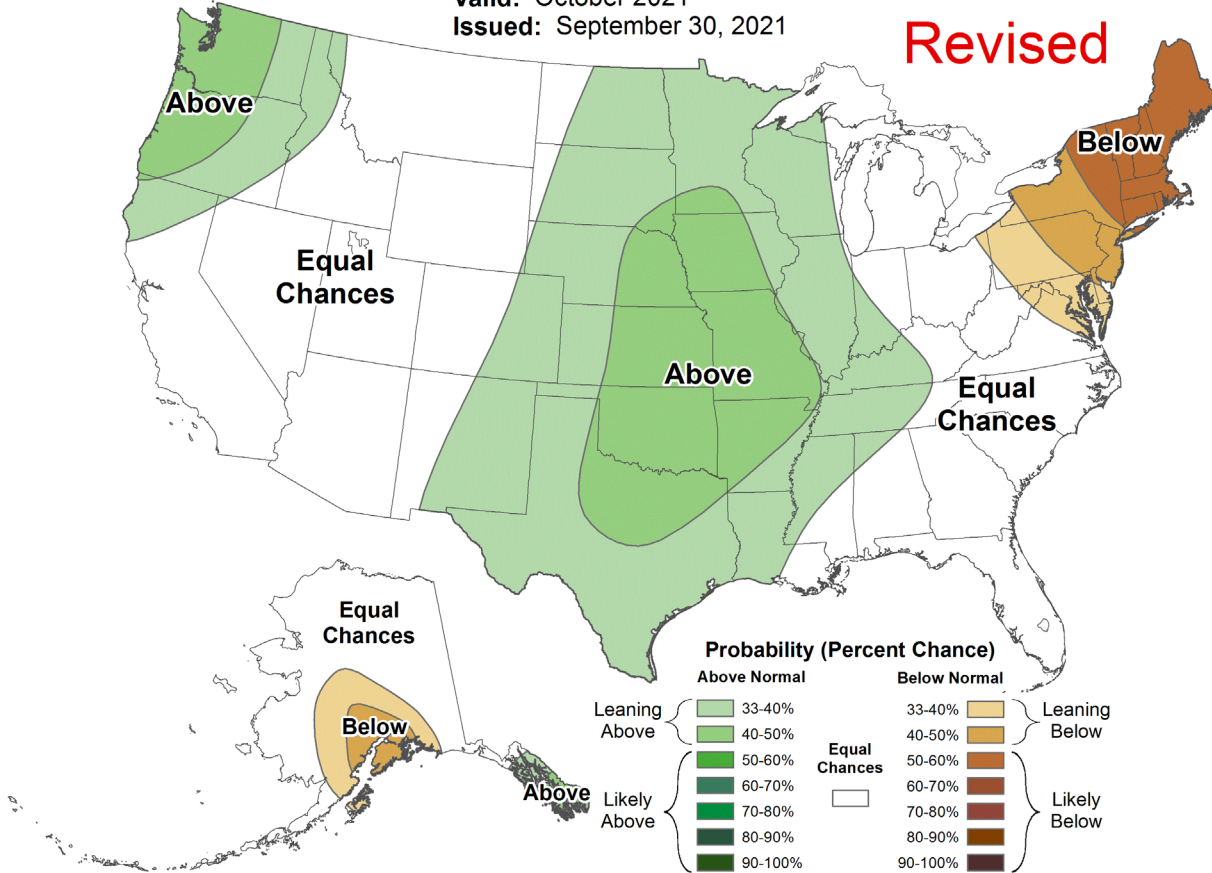


Monthly Precipitation Outlook



Valid: October 2021
Issued: September 30, 2021

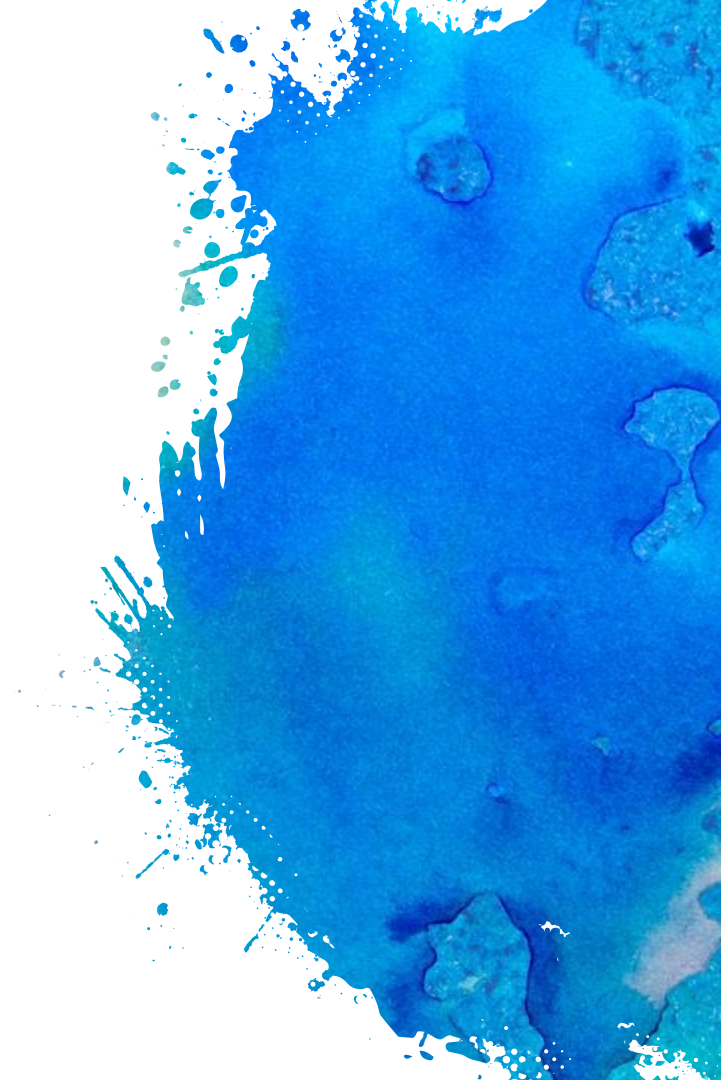
Revised



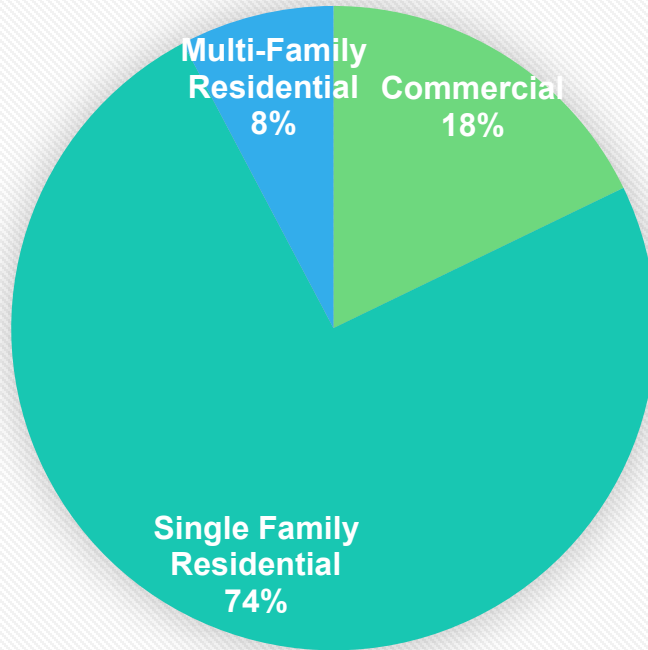
Supplemental Supply

1. Desalination-ReverseOsmosis Treatment System from Aquaclear arrived on 9-24-21 and is currently operational.
2. Water treatment system for Fort Bragg Unified School District ground water irrigation well in transit.
3. Water from City of Ukiah began on September 8 and was paused on October 6 because inventory exceeded 2.5X and reservoir was approaching capacity. Outside water sales continue but demand has slowed.

Questions?

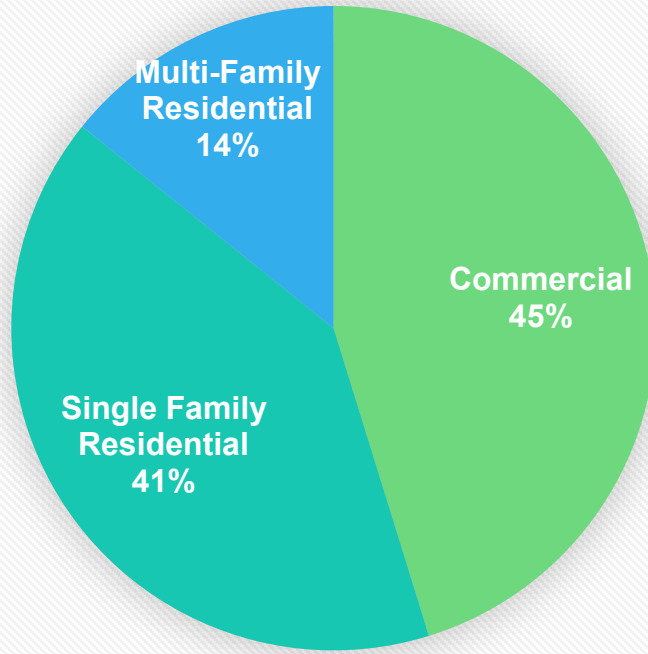


Water Customers by Service



■ Commercial ■ Single Family Residential ■ Multi-Family Residential

Water Consumption by Service



■ Commercial ■ Single Family Residential ■ Multi-Family Residential