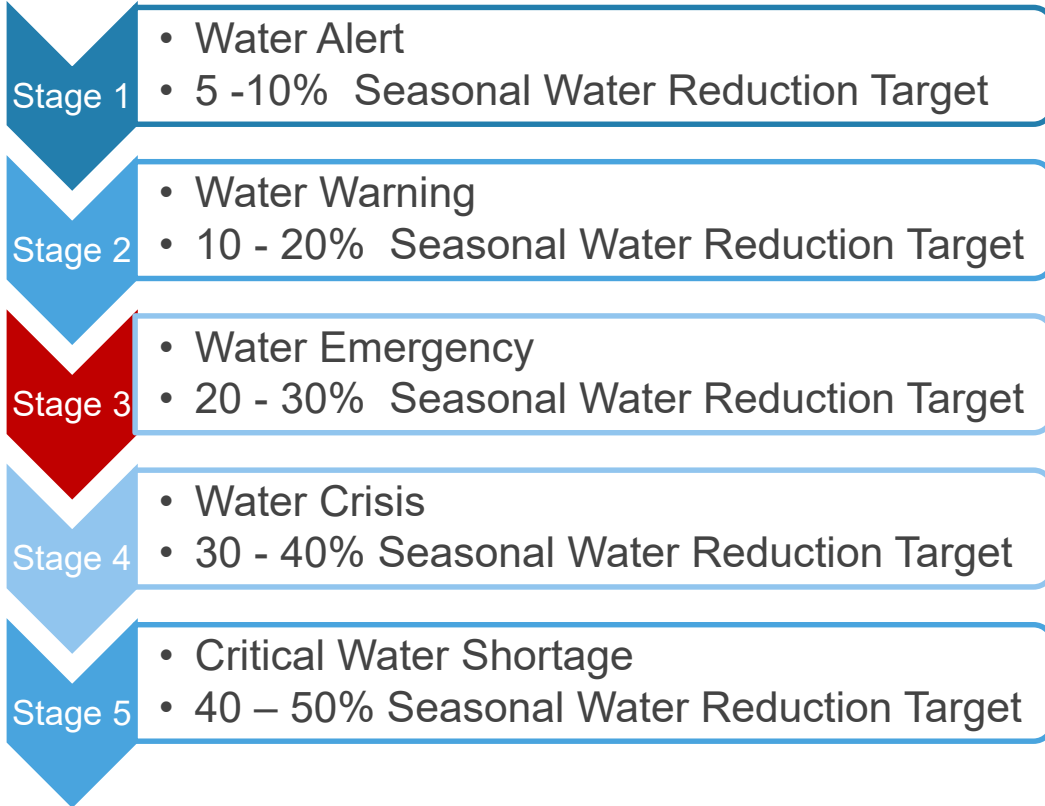




STAGE 3- WATER EMERGENCY

City Council Meeting
August 9, 2021

Water Conservation Stages



Stage 3– Restrictions

1. Wasteful use of water is prohibited. All water usage must be for beneficial uses.
2. Water use 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 will not exceed the point of saturation.
3. Landscape irrigation (including drip) is limited to one day per week on Tuesdays from 12am to 9am and 6pm to 11:59pm.
4. Washing of streets, parking lots, driveways, sidewalks, buildings and other hardscape surfaces is prohibited, except with an approved exemption form.
5. Water cannot be used for construction purposes such as dust control, compaction or trench jetting, except with an approved exemption form.

Stage 3– Restrictions

6. All pools, spas and ornamental fountains shall be equipped with a recirculating pump and shall be leak proof.
7. Restaurants shall serve water only upon specific request.
8. 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
9. Use of hot tubs and inspa tubs at hotels and motels is strongly discouraged.
10. All Water leaks must be repaired as soon as feasible but no later than three days after notification.

City Water Supply System

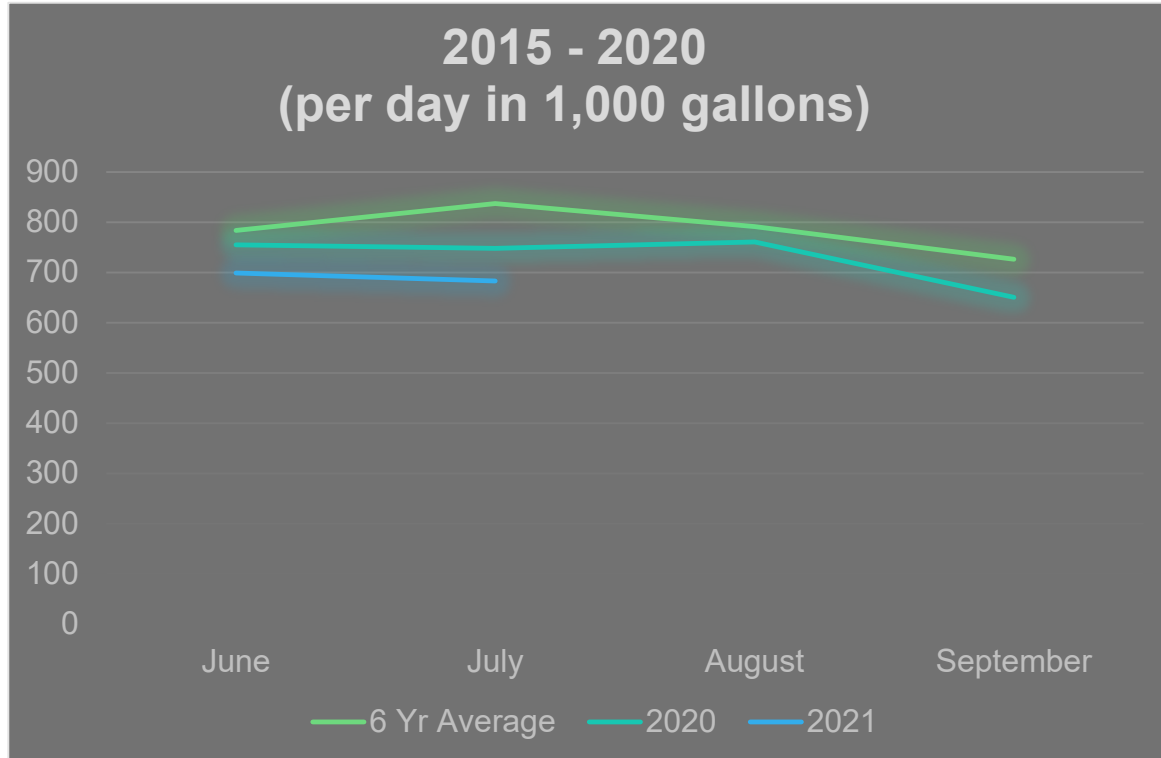
Three surface water Sources:

- × 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*
 - × *17 days of tides > 6 ft. in August & September*

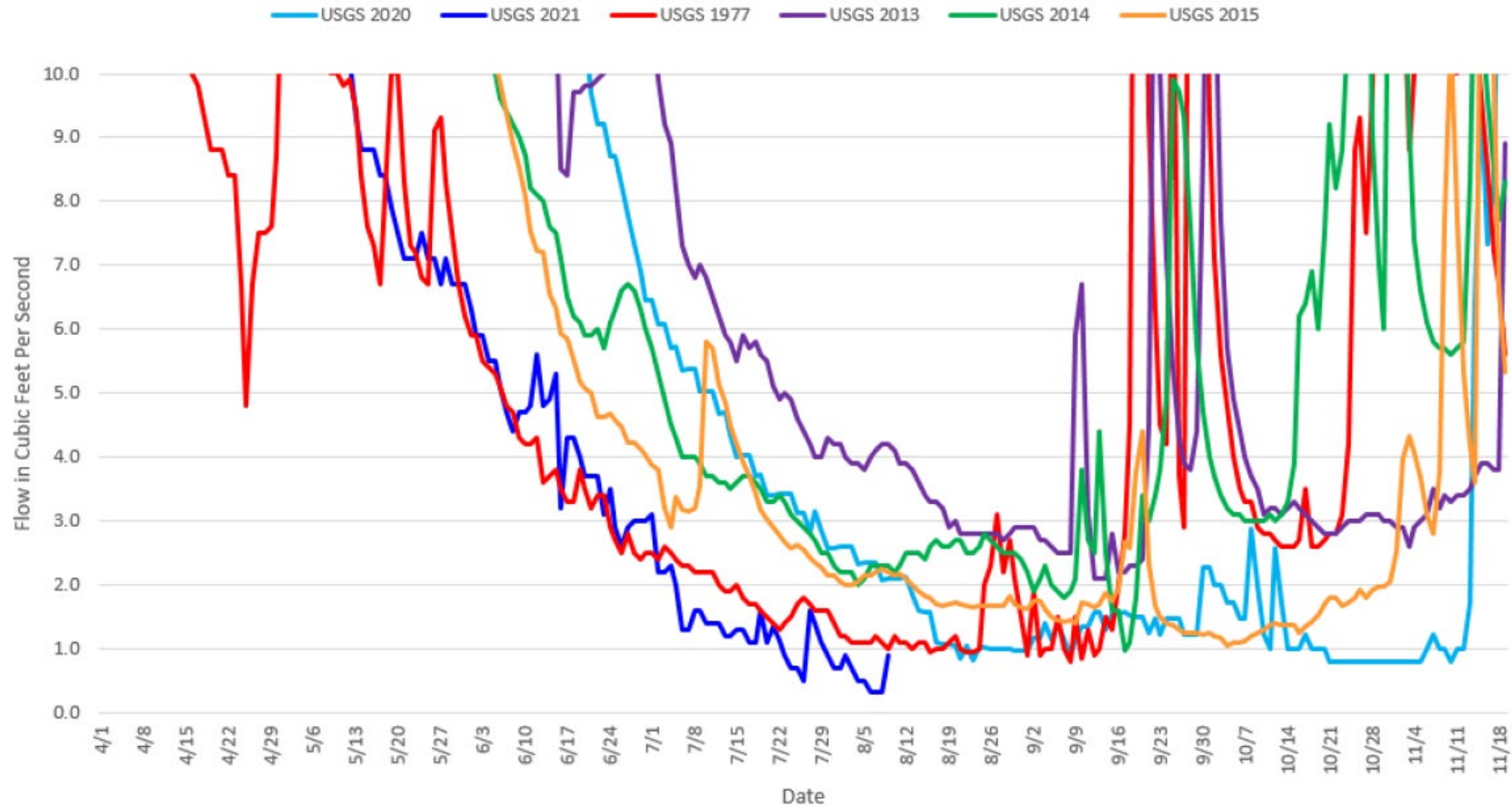
Storage 22.6 Million Gallons:

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

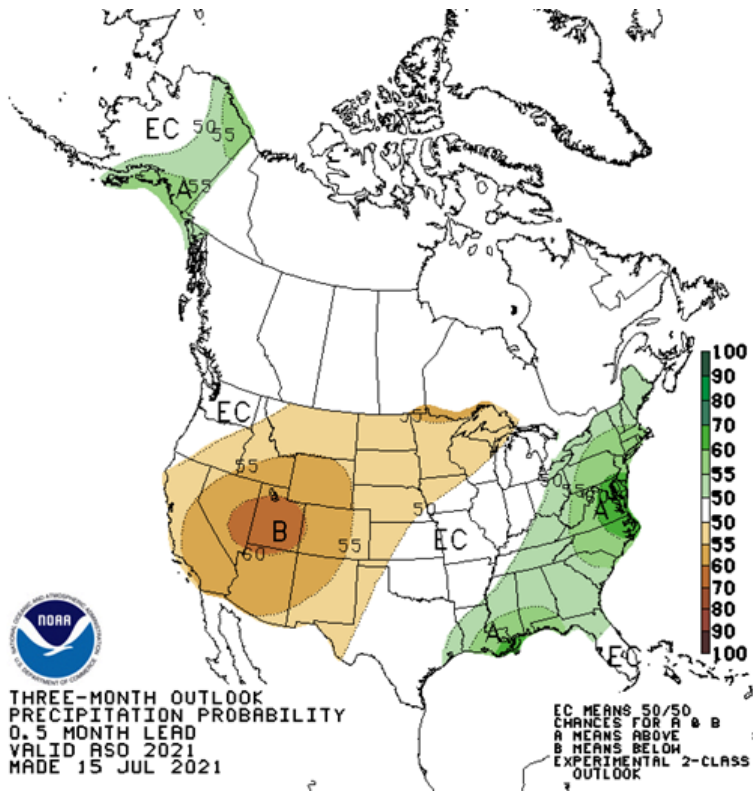
Summer Water Usage



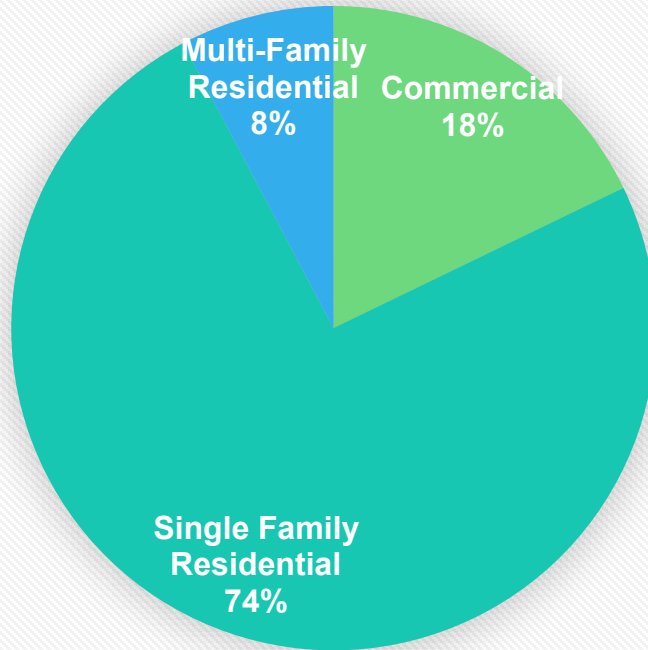
Noyo Flows



Rain Outlook Aug, Sept, Oct 2021

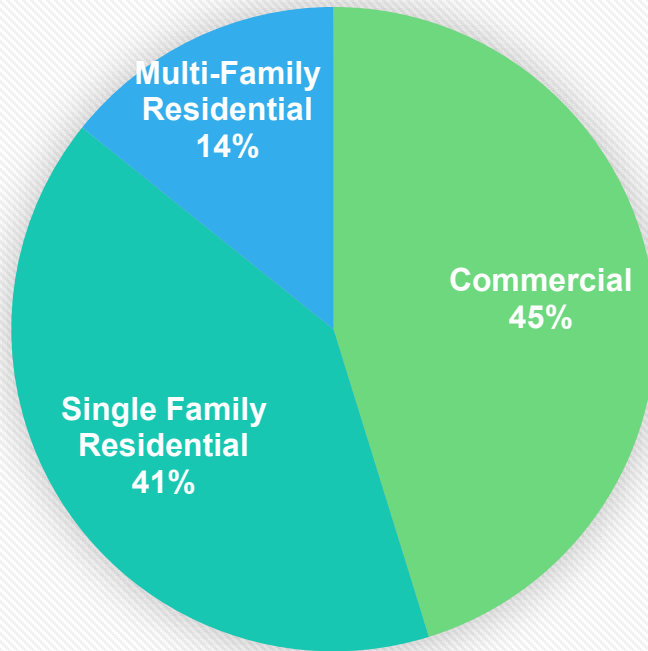


Water Customers by Service



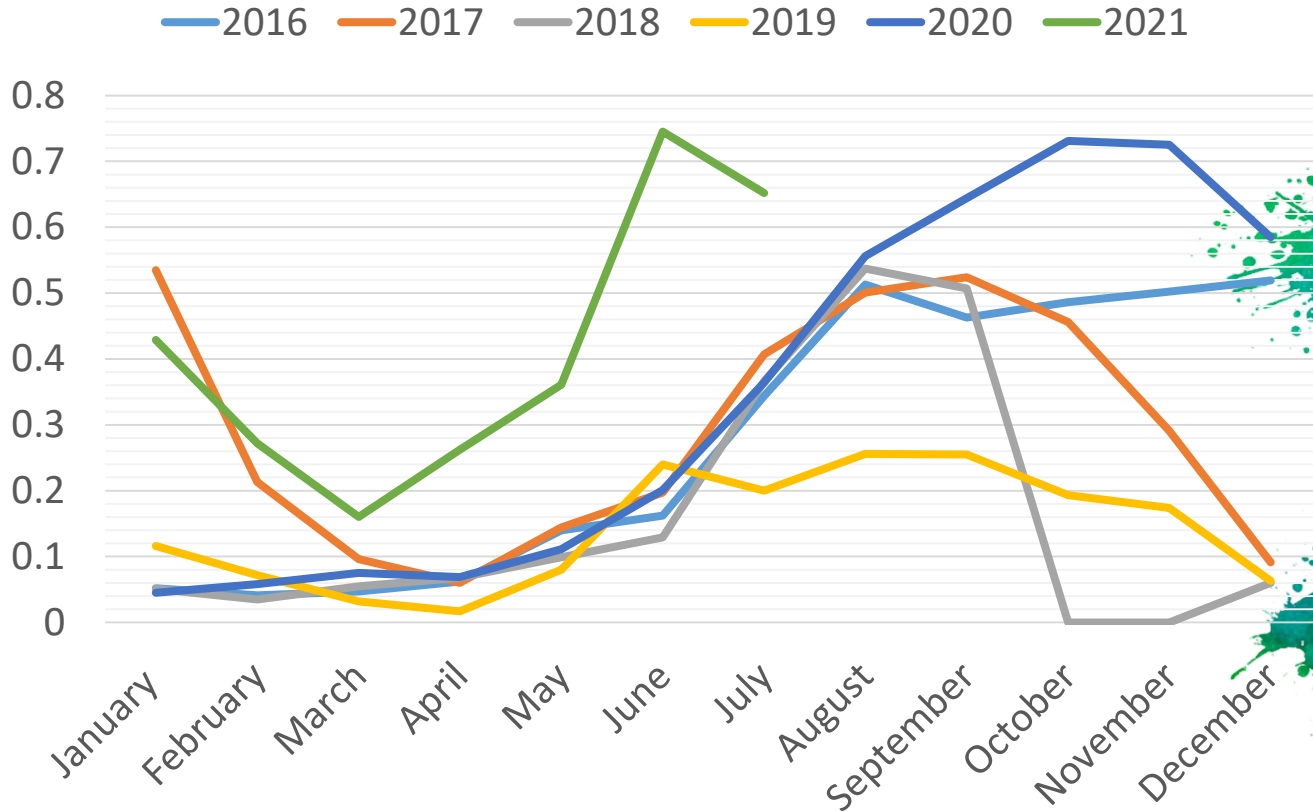
■ Commercial ■ Single Family Residential ■ Multi-Family Residential

Water Consumption by Service



■ Commercial ■ Single Family Residential ■ Multi-Family Residential

Outside Water Sales *(in million gallons)*



Supplemental Supply

1. Camp Noyo started releasing water in diversion dam on July 16th which allows pumping during high tides.
2. Desalination-ReverseOsmosis Treatment System from Aquaclear that will allow it to continue to pump water from the Noyo River during high tides when salinity reaches levels which cannot be processed by the City's Water Treatment Plant.
3. Well-use agreement with the Fort Bragg Unified School District to treat water and place back into water system through close-by hydrant.

Water Conservation Efforts

- × Signage
- × Automated outreach to all water customers
- × Link from top of City website
- × Table tents for restaurants & lodges
- × Calls to hotels
- × Press Releases
- × Radar message board
- × Free water conservation kits

Questions?

