

# **SPUN Committee Briefing Water Supply Update**

July 14, 2015

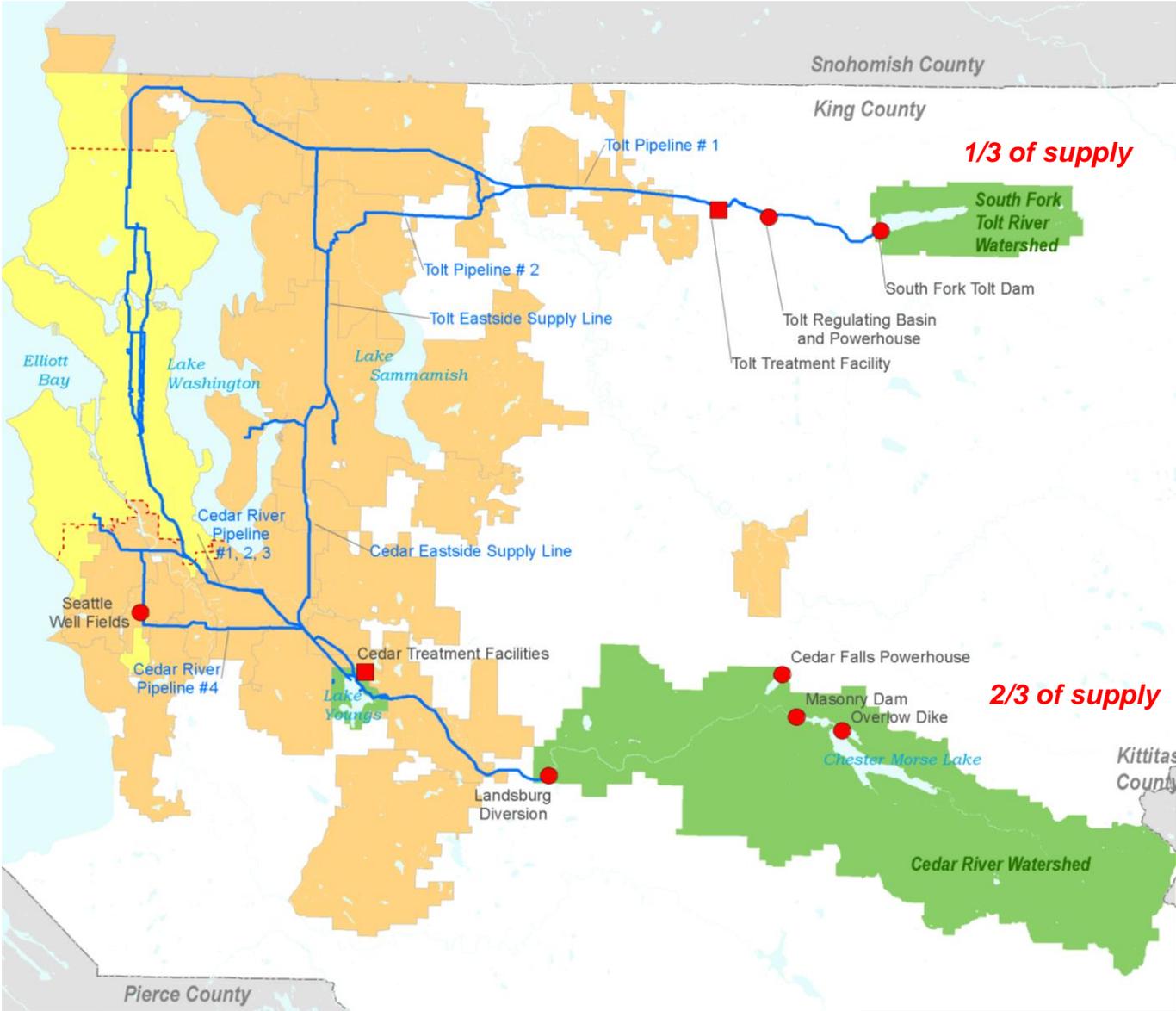
Seattle  
 Public  
Utilities

# Water System

Seattle Retail Service Area

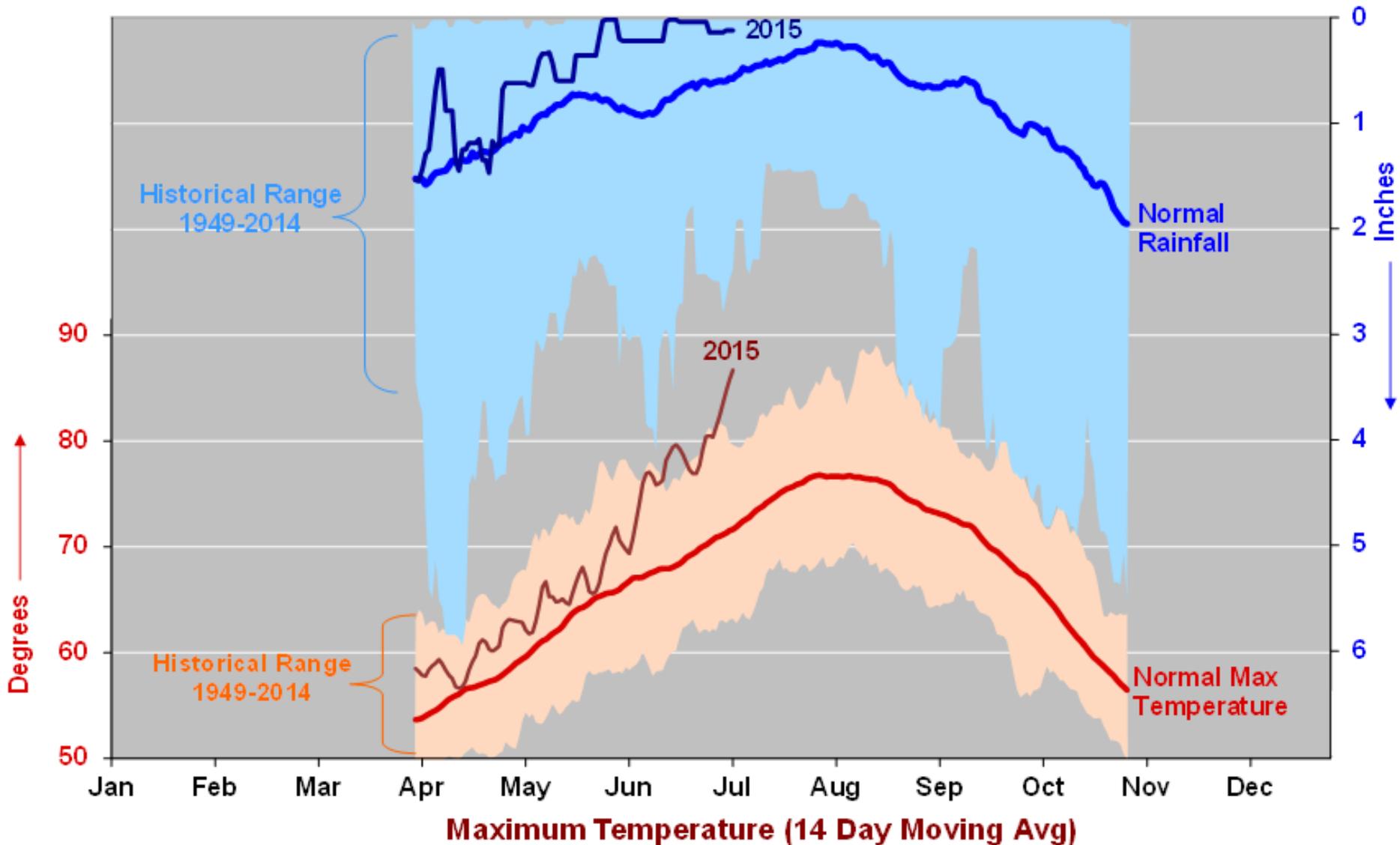
Wholesale Customers

Watersheds



# Summer Weather 2015

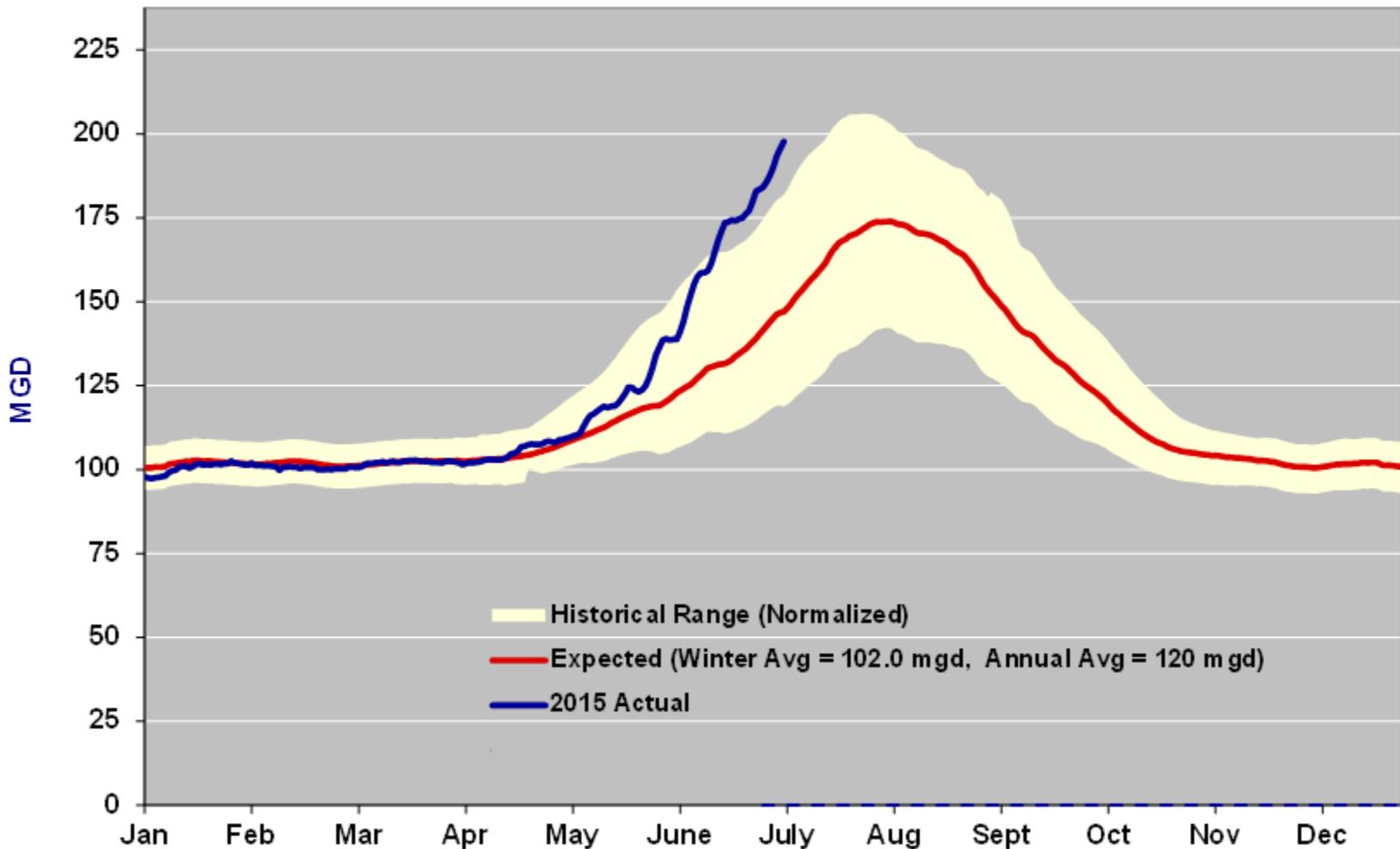
## Inches of Rain (14 Day Moving Sum)



# Expected and Actual Daily Water Consumption vs. Summer Weather

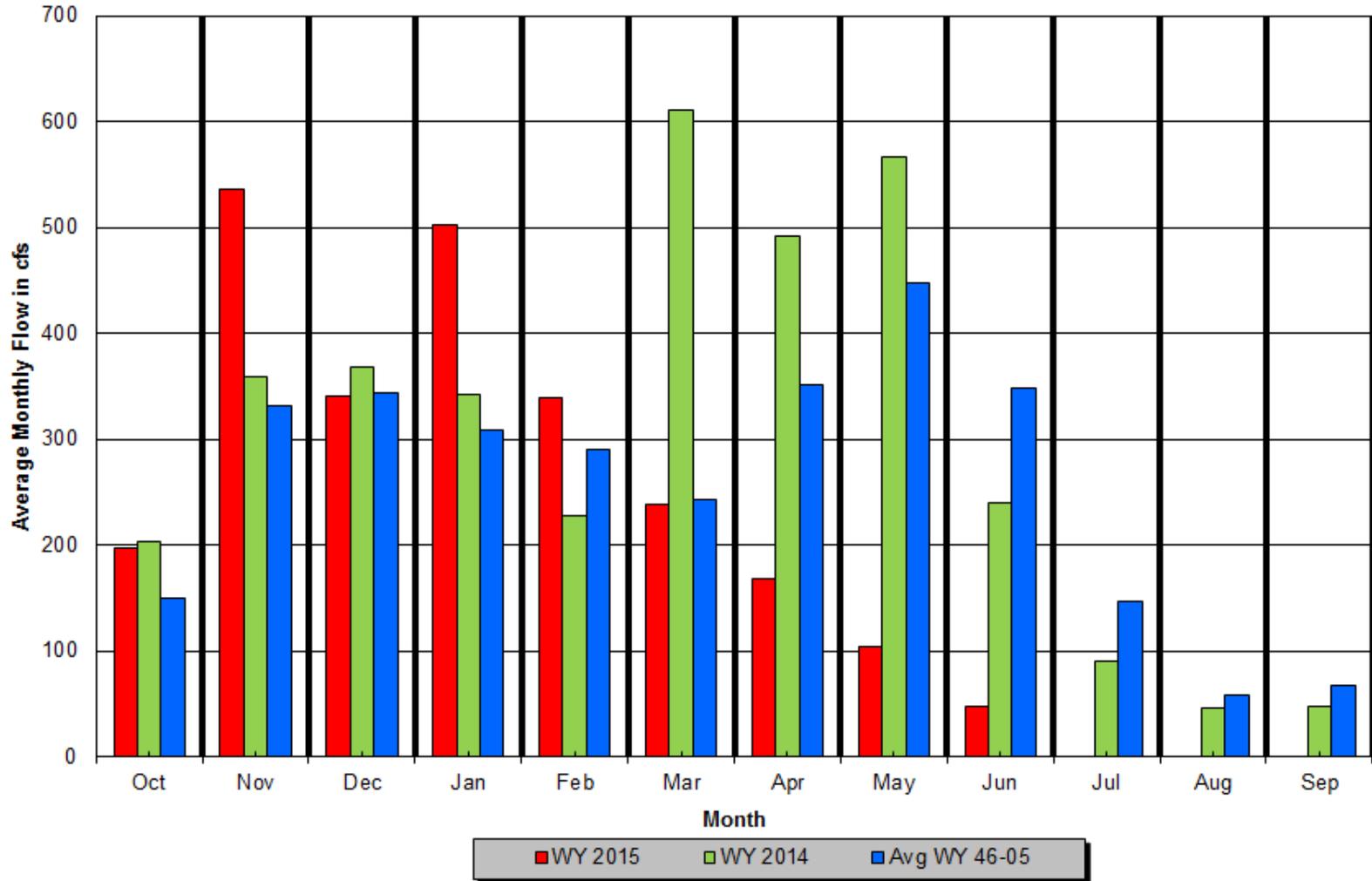
(Week Ending July 5, 2015)

Daily Consumption: **Expected (Given Normal Summer Weather)** and **2015 Actual**  
(14 Day Moving Average)



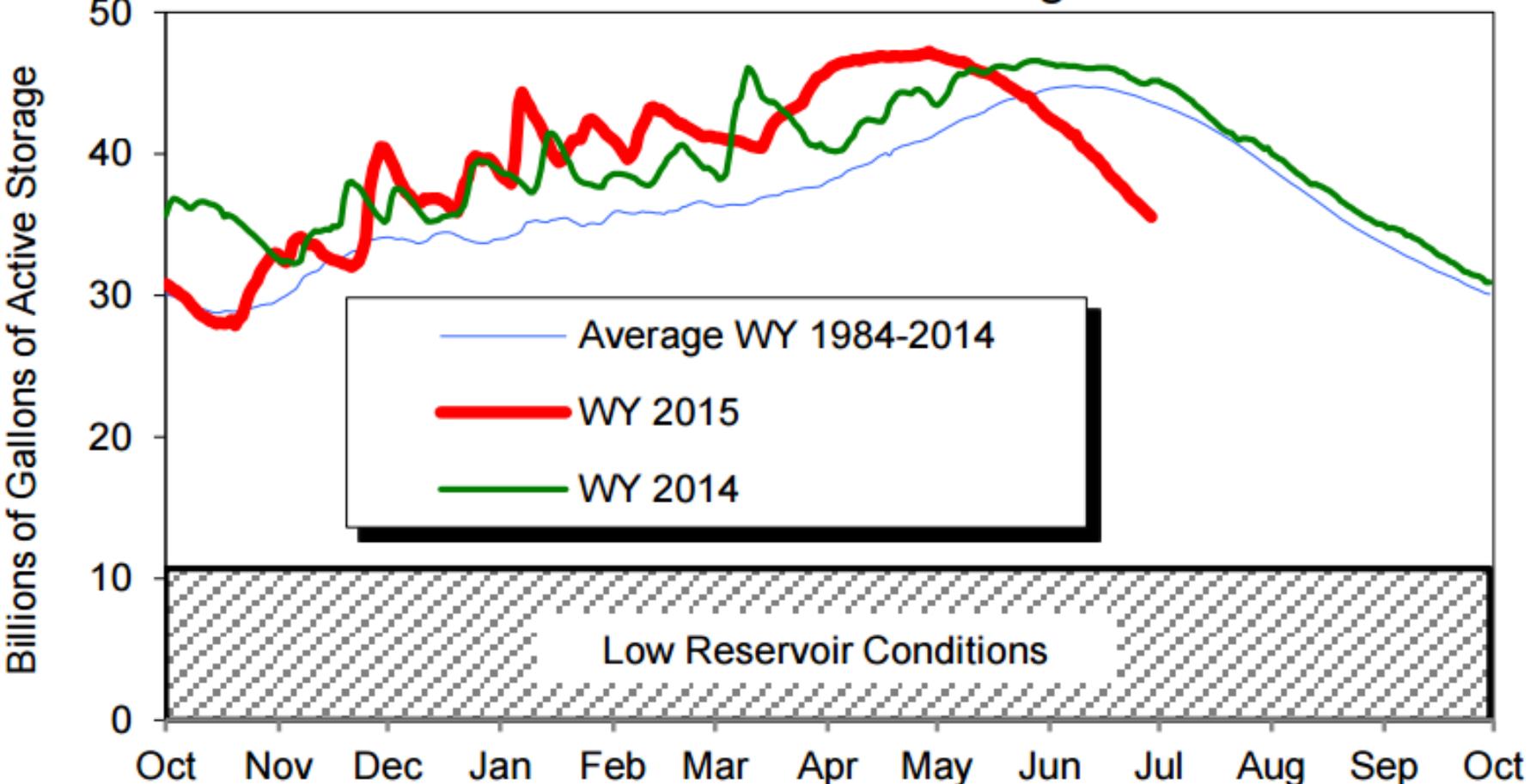
# Cedar River Average Monthly Inflow into Chester Morse Lake (USGS Gauge 12115000)

Through July 6, 2015



Data for current month through date shown; data for past years and average are for entire month.

# Combined Reservoir Storage



# Current Activities

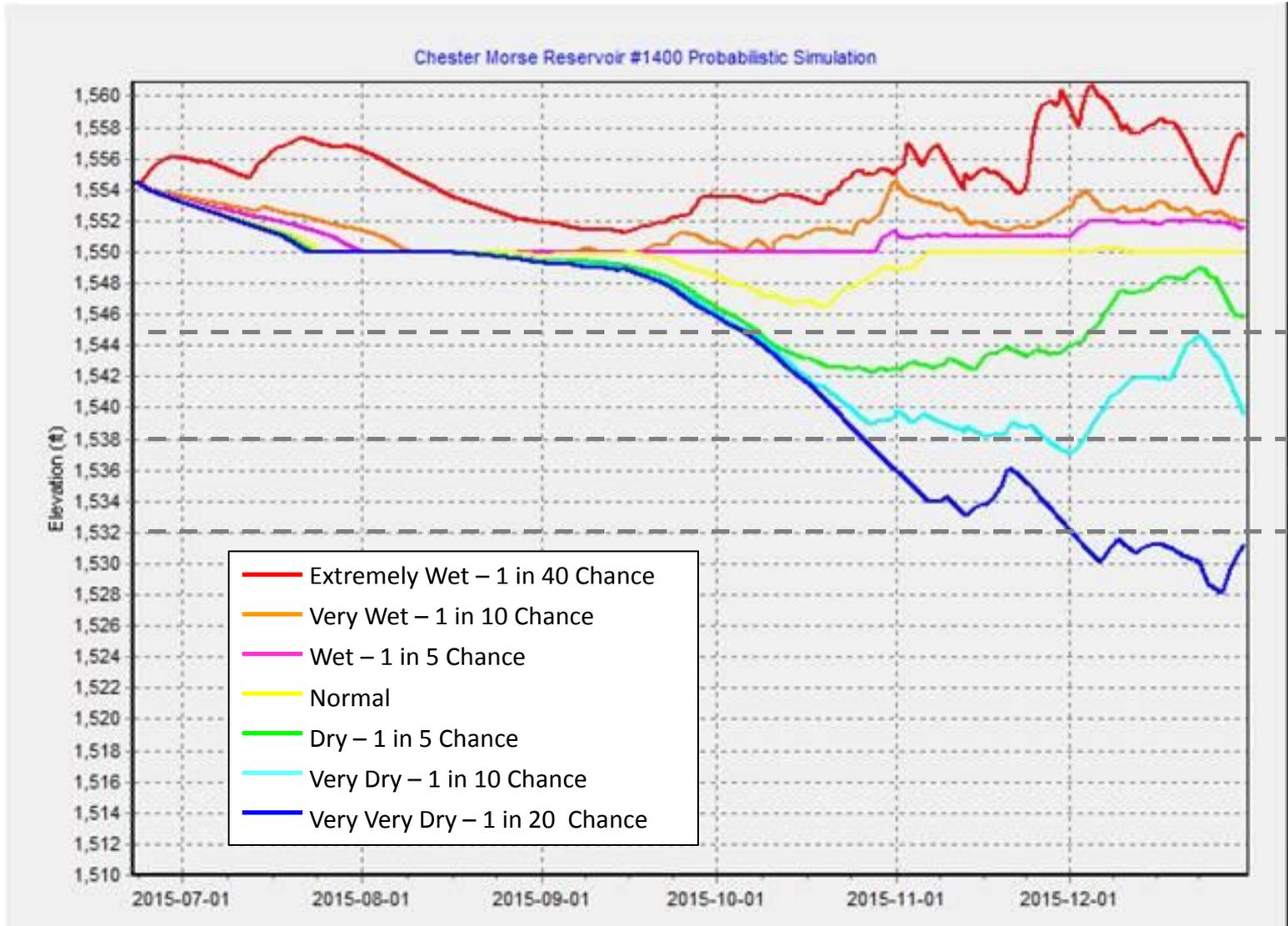
## Water Supply

- Turning on wells in July
- Reviewing Morse Lake Pump Plant mobilization plans
- Reviewing Water Shortage Contingency Plan

## Water Shortage Contingency Plan Basics

- Activated when needed, by Mayor based on SPU Director's recommendation
  - Criteria for activation based on unique conditions of every water year
  - Not recommended for activation as this point
  - Activated several times in the last few decades
- Close coordination required with stakeholders
- Stages:
  - Stage 1: Advisory (no action requested of customers)
  - Stage 2: Voluntary Stage (reductions in water use)
  - Stage 3: Mandatory Stage
  - Stage 4: Emergency Curtailment

# Cedar – Modeled Reservoir Elevations

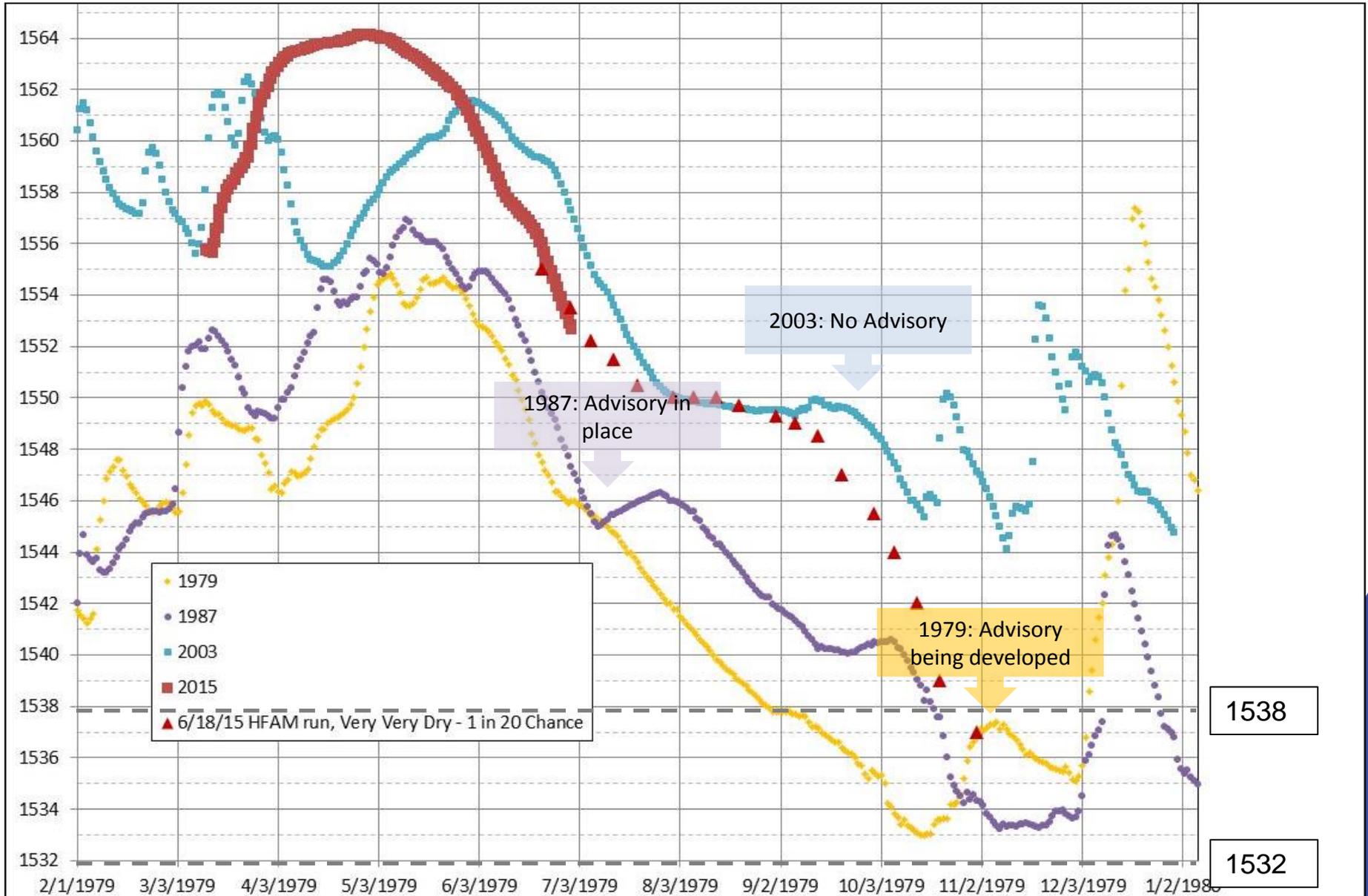


Early PP mob

Pumping

1532

# Historical Context – Cedar



# Questions?