

# Doubt the Drought?



Presentation to LUC

April 24, 2013

## Specifics about 2013 Water Supply / Demand

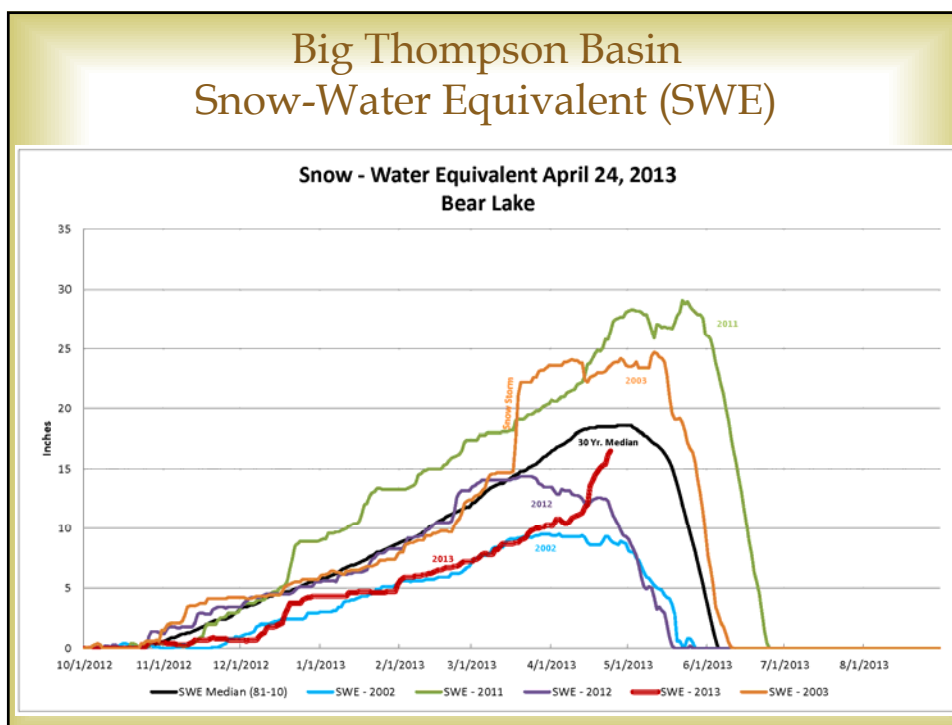
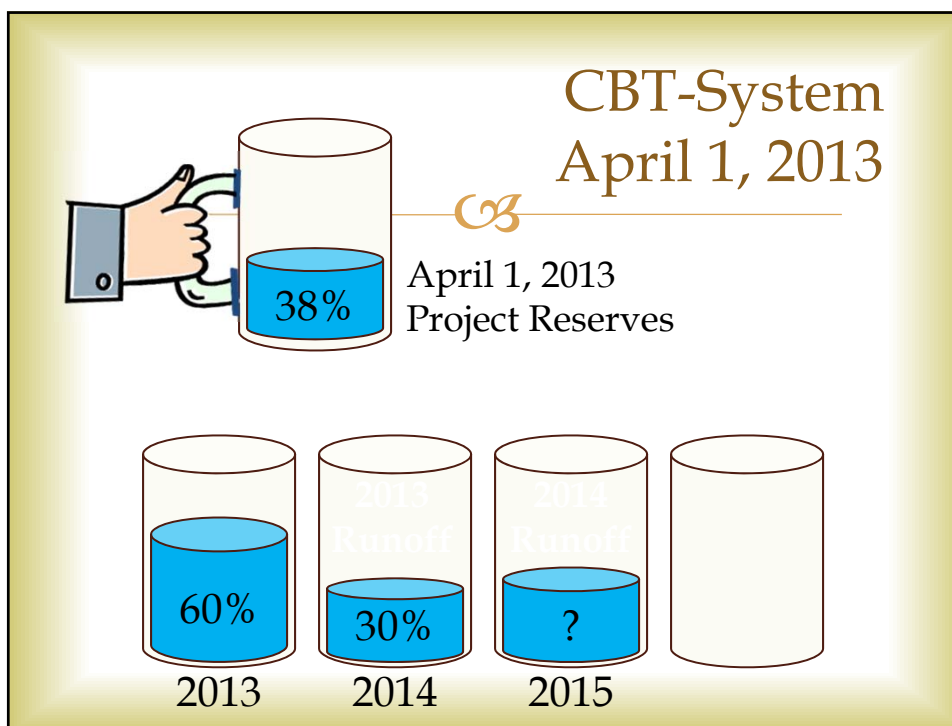


# The Drought

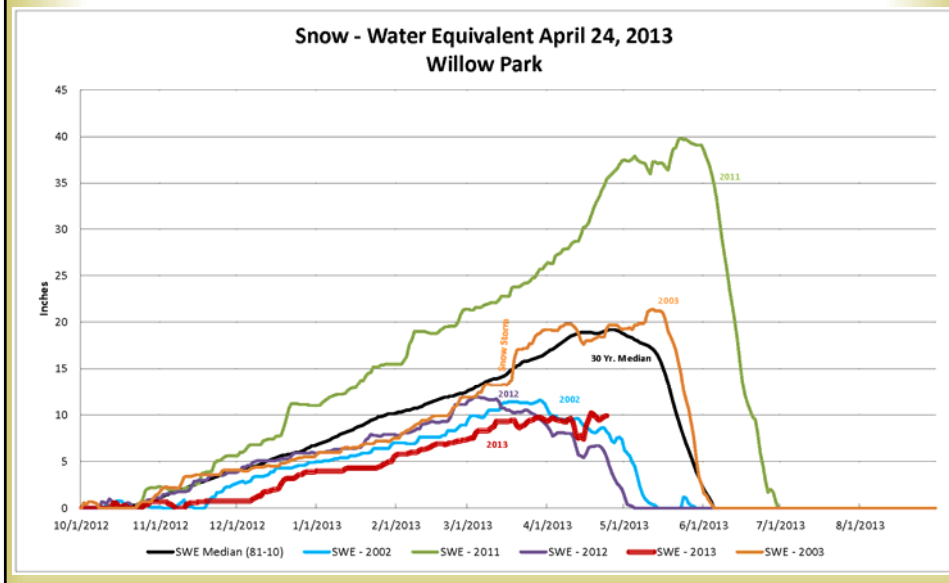


# Summer Temperature Projections

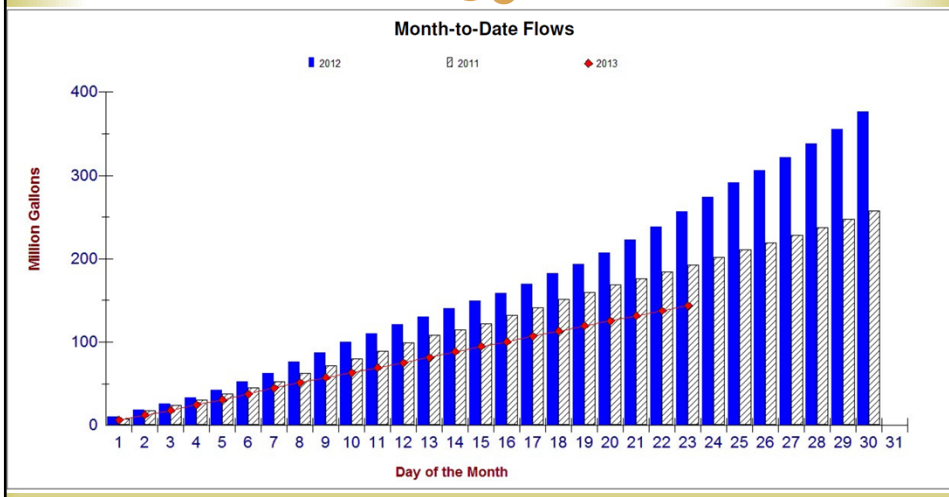


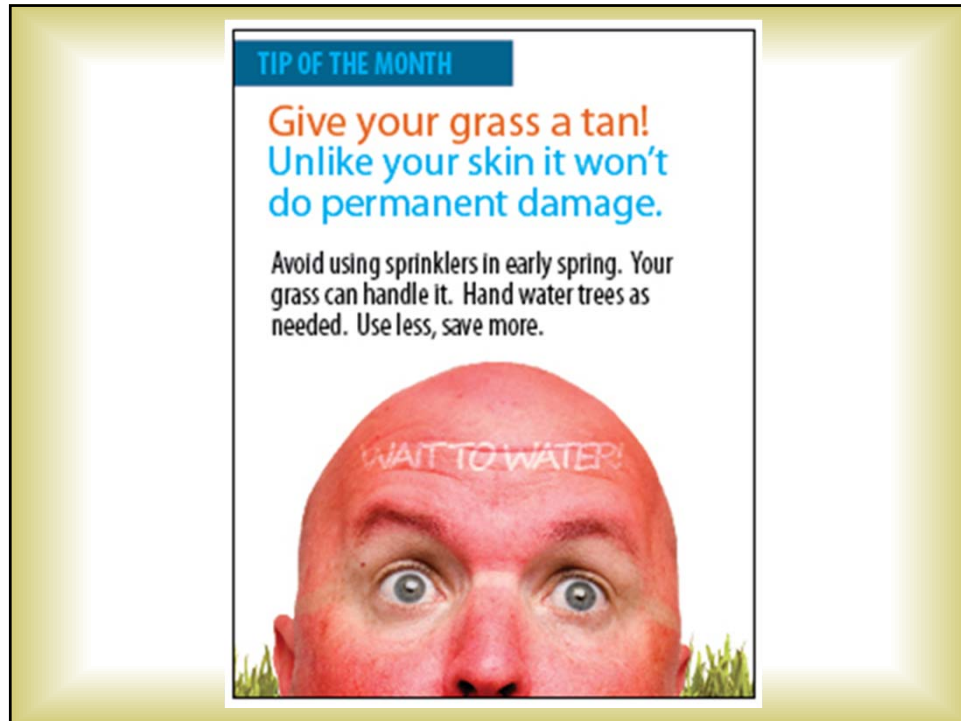


## Big Thompson Basin Snow-Water Equivalent (SWE)



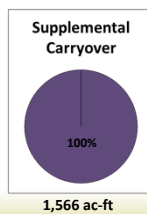
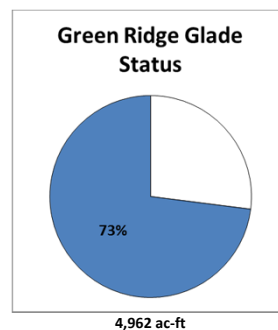
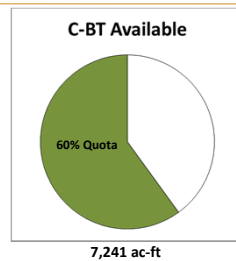
## April WTP Production





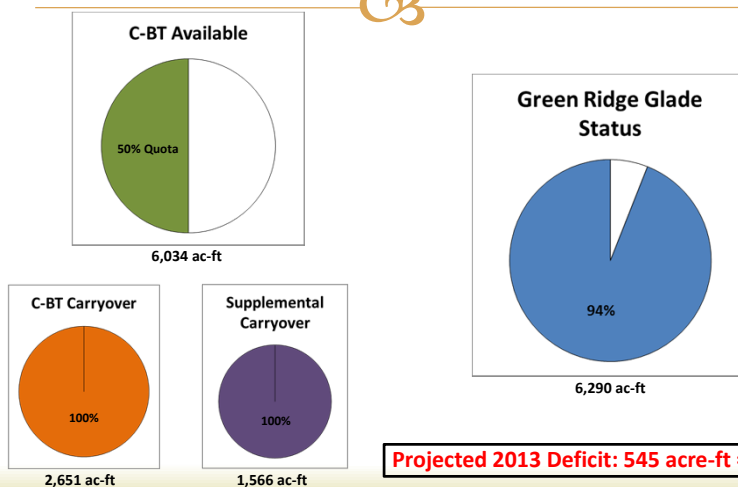
## Loveland's Current Supply

April 24, 2013



# Loveland's Projected Supply

## November 1, 2013



		Drought Management Plan				
		Response Level	I	II	III	IV
		% Projected Raw Water Supply Shortage	1-10%	11-20%	21-30%	>30%
Type of Water Use	Customer	Residential Turf/Lawn Watering	3 days/week	2 days/week	1 day/week	No lawn watering
		Trees, Shrubs, Perennials	Hand/drip/subsurface or 3 days/week	Hand/drip/subsurface or 2 days/week	Hand/drip/subsurface only	Hand/drip/subsurface only
		Non-automated Car Washing	Best Management Practices	Best Management Practices	Not allowed	Not allowed
		Dedicated Irrigation Meters	Best Management Practices	2 days/week	1 day/week	No lawn watering
		Spraying Impervious Surfaces	Not allowed (except as necessary for health & safety)	Not allowed (except as necessary for health & safety)	Not allowed (except as necessary for health & safety)	Not allowed (except as necessary for health & safety)
		Hydraulic Fracturing	Customer provides raw water	Customer provides raw water	Customer provides raw water	Customer provides raw water
	City	Curtail Leases	Limited by water availability	Limited by water availability	No agricultural leases	No agricultural leases
		Public Facilities/Parks/ R2J School District/ Turf/Lawn Watering	Separate approved plans for equal or greater reductions	Separate approved plans for equal or greater reductions	Separate approved plans for equal or greater reductions	Separate approved plans for equal or greater reductions
		Non-automated Car Washing	Best Management Practices	Best Management Practices	Not allowed	Not allowed
		Washing City Fleet Vehicles	Once/week	Once/week	Not allowed	Not allowed
		Fire Hydrant Flushing & Testing	Limited to transmission lines or critical situations	Limited to transmission lines or critical situations	Limited to critical situations	Limited to critical situations
		Medical Hardship	Permit required	Permit required	Permit required	No exception
	Permits	Religious Objection	Permit required	Permit required	Permit required	No exception
		New Lawns	Permit required	Permit required	Permit required	Not allowed
	Fines	Residential Fines per Violation	\$50 to \$1000	\$50 to \$1000	\$50 to \$1000	\$50 to \$1000
		Business Fines per Violation	\$50 to \$1000	\$50 to \$1000	\$50 to \$1000	\$50 to \$1000

Notes: 1. Voluntary Restrictions may be used equivalent to any appropriate level if deemed to be effective  
2. Vegetable gardens are exempt  
3. Measures are intended to avoid impact on successful business operations  
4. Best Management Practices as referenced by Greenco <http://www.greenco.org/> and Colorado WaterWise Council <http://coloradowaterwise.org/>

# Questions?

