



Colorado's Water Future

John Stulp

Special Policy Advisor to Governor for Water



2013 Rocky Mountain Land Use Institute Conference

March 8, 2013

U.S. Drought Monitor

Colorado

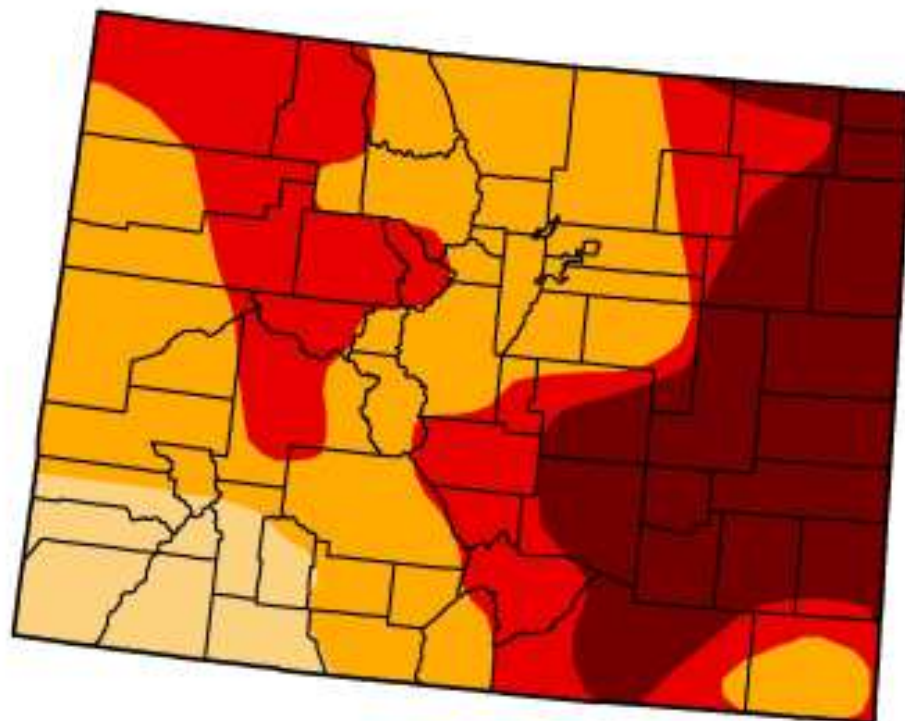
February 26, 2013

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	91.30	51.14	24.92
Last Week (02/19/2013 map)	0.00	100.00	100.00	91.30	51.14	24.92
3 Months Ago (11/27/2012 map)	0.00	100.00	100.00	93.27	51.05	12.56
Start of Calendar Year (01/01/2013 map)	0.00	100.00	100.00	95.06	53.47	13.48
Start of Water Year (09/25/2012 map)	0.00	100.00	100.00	100.00	61.75	16.89
One Year Ago (02/21/2012 map)	30.48	69.52	41.16	10.67	0.21	0.00

Intensity:



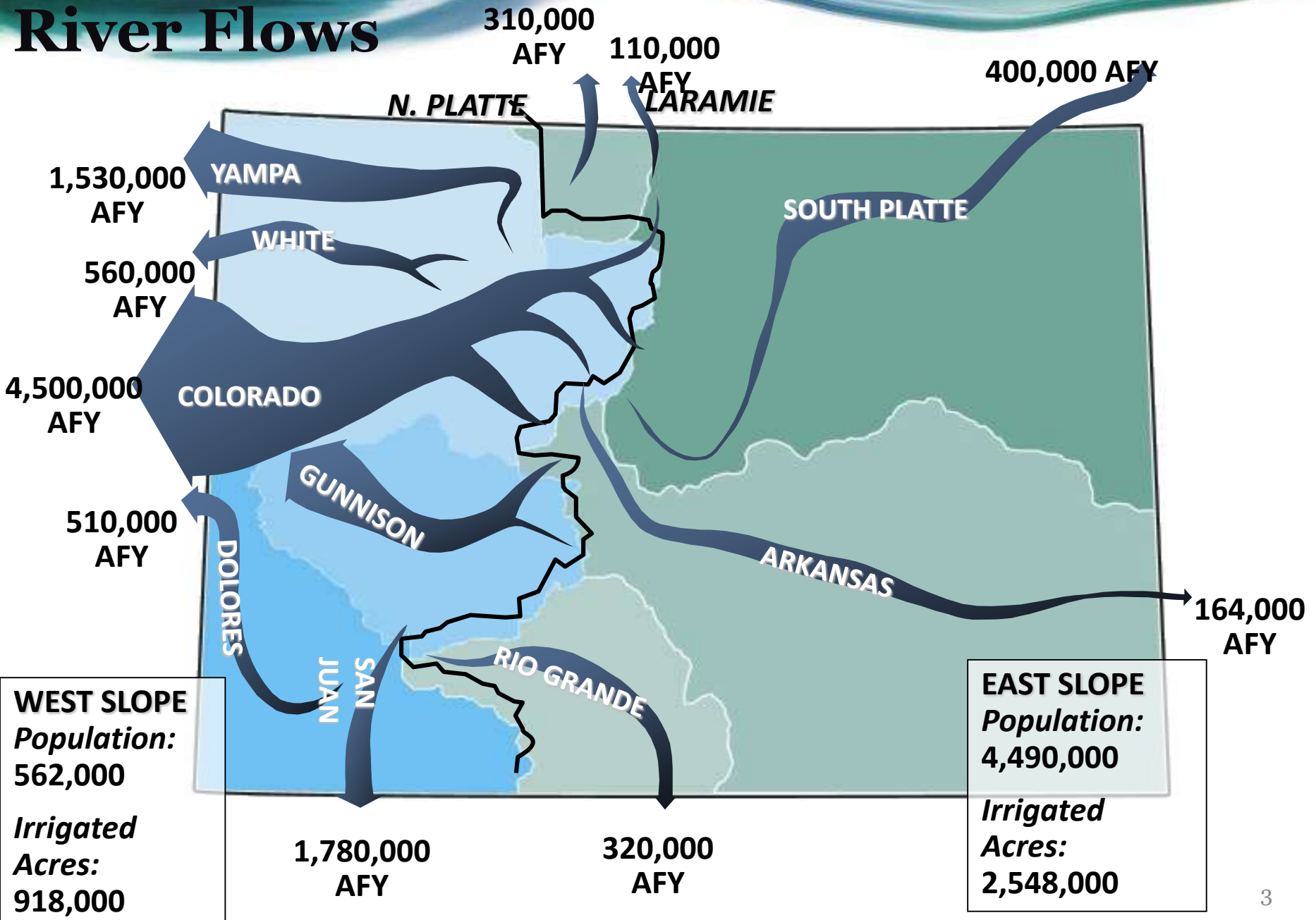
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>

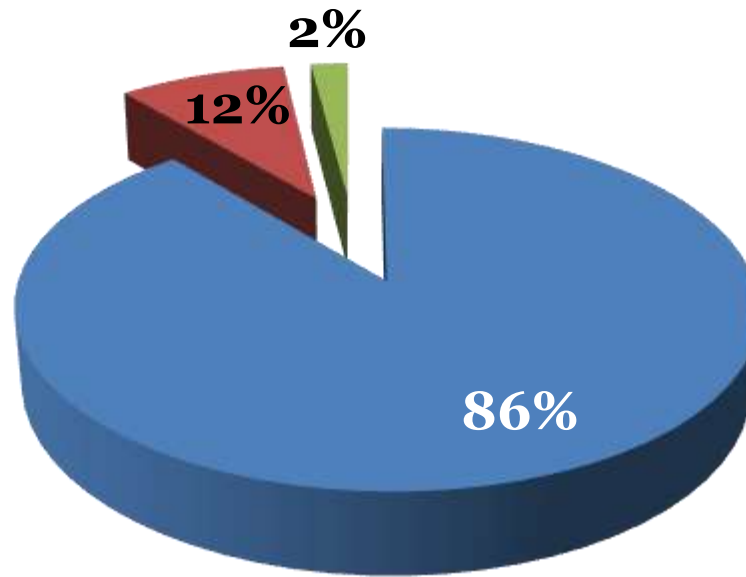


Released Thursday, February 28, 2013
Brian Fuchs, National Drought Mitigation Center

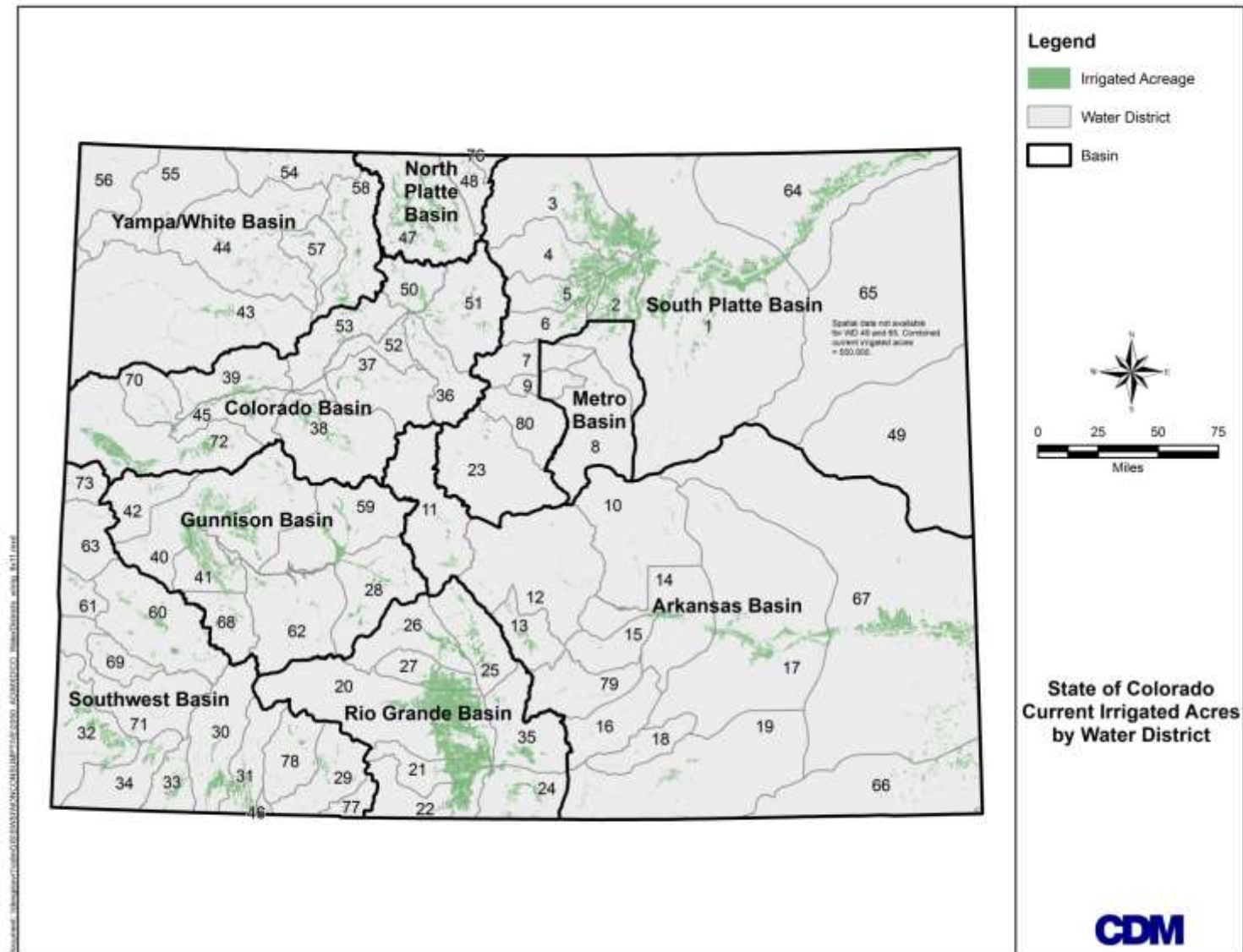
Colorado Population, Irrigated Acres and River Flows



Colorado's Current Water Use by Sector

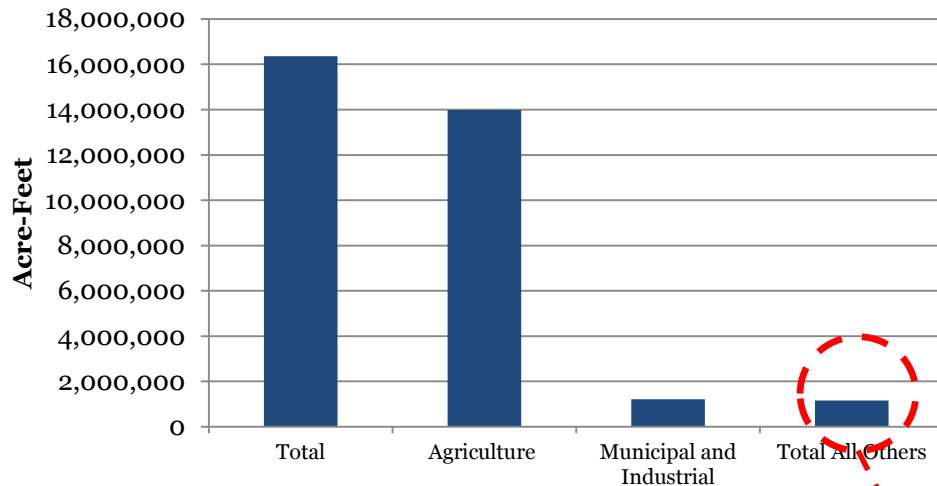


- Agricultural
- Municipal and Industrial
- Self-Supplied Industrial

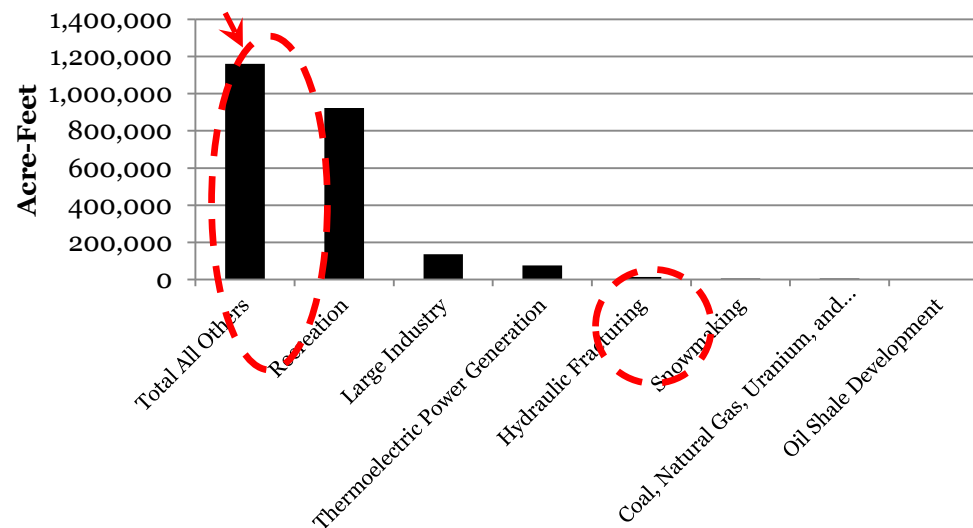


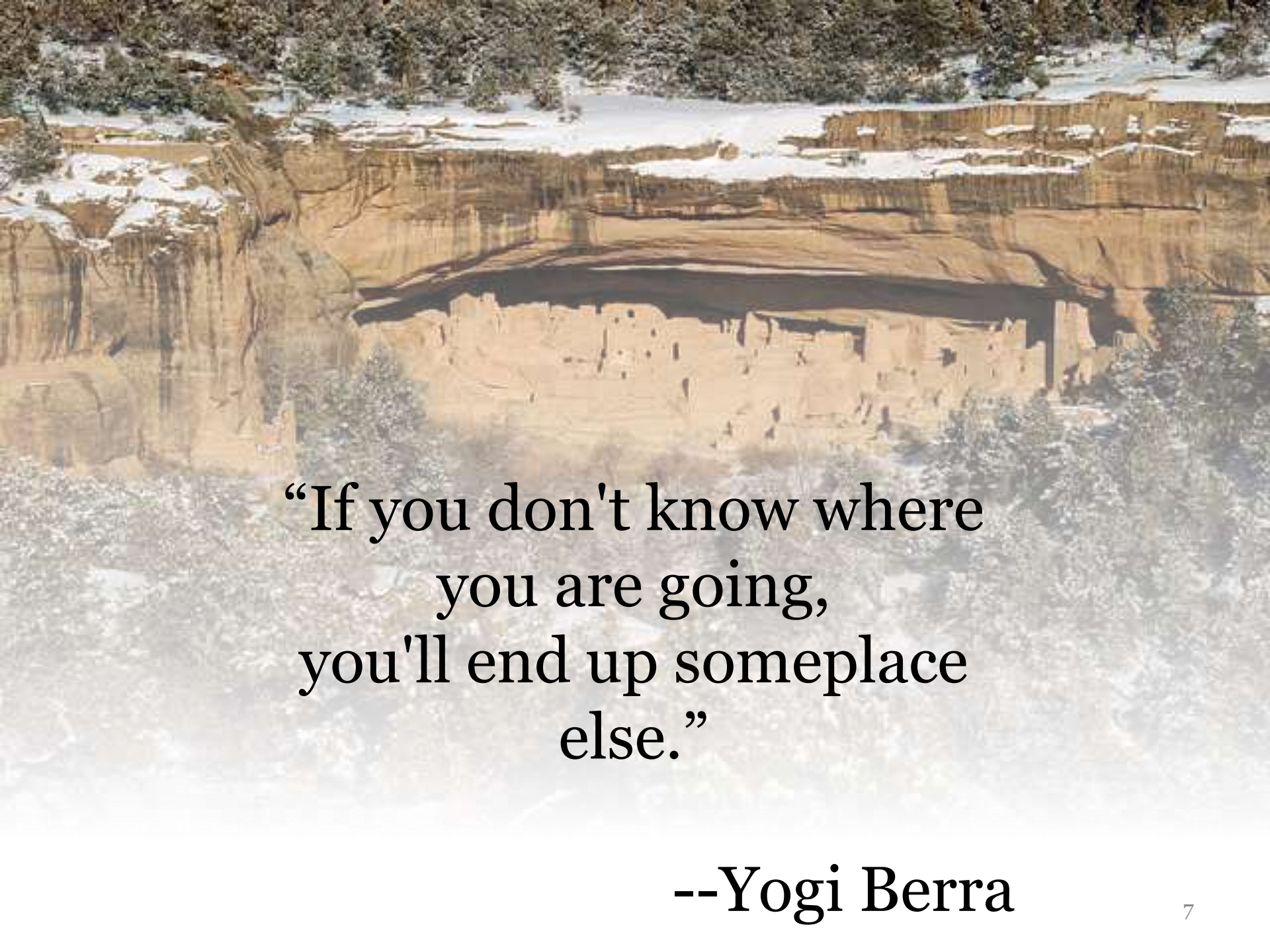
Agricultural Producers Irrigate Nearly 3.5 Million Acres in Colorado

**Amount of Water Currently Diverted Annually
for all Uses in Colorado**



**Amount of Water Currently Diverted Annually,
Breakdown of “All Others”-Type Uses**



An aerial photograph of a deep, wide canyon. The canyon walls are composed of layered, reddish-brown rock. The top edges of the canyon are covered in a layer of snow, with some evergreen trees visible. At the bottom of the canyon, a river flows, its surface reflecting the light. The overall scene is a dramatic natural landscape.

“If you don't know where
you are going,
you'll end up someplace
else.”

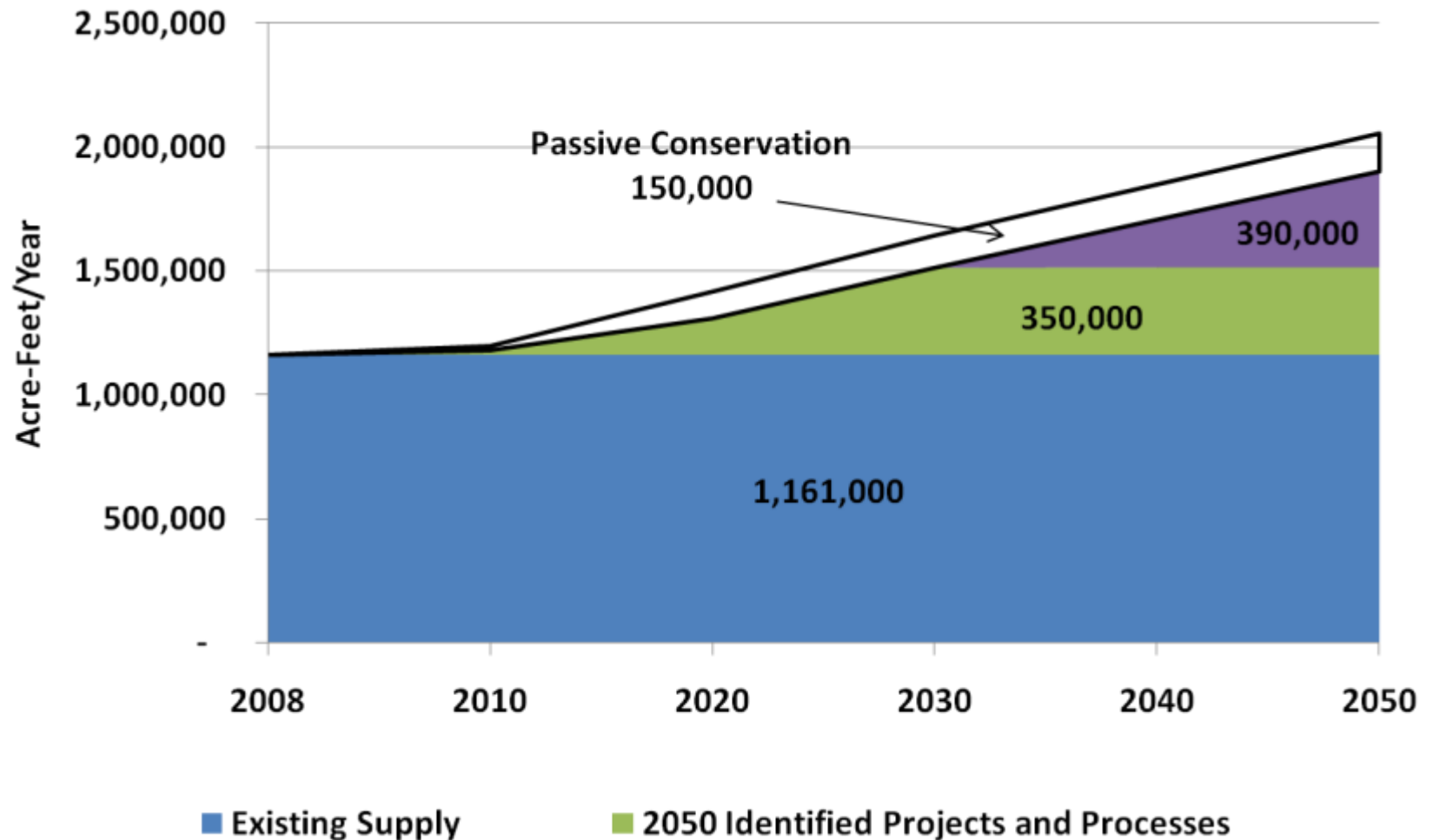
--Yogi Berra

HB05-1177 Water for the 21st Century Act created nine Basin Roundtables



- Consumptive Needs
- Nonconsumptive Needs
- Water Supply Availability
- Projects and Methods to Meet Needs


Statewide M&I and SSI Gap Summary SWSI 2010



CWCB/IBCC/Roundtable Process



- The State is helping to plan for our water future
- The IBCC and BRTs provide forum for locally driven, collaborative solutions
- Broad range of stakeholders—municipal providers, counties, industry and interest groups have a seat at the table



Providing an adequate water supply will involve implementing a mix of low-risk strategies. The IBCC is currently engaged in scenario planning.



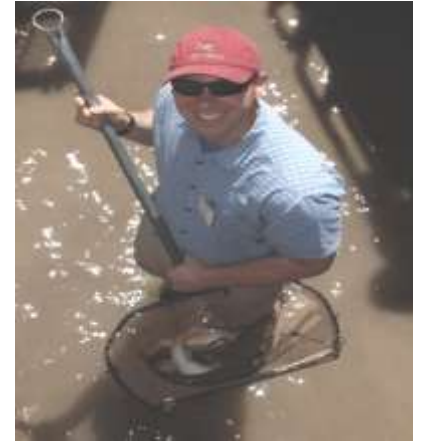
Conservation



**Ag to Urban
Transfers**



**New & Existing
Projects**



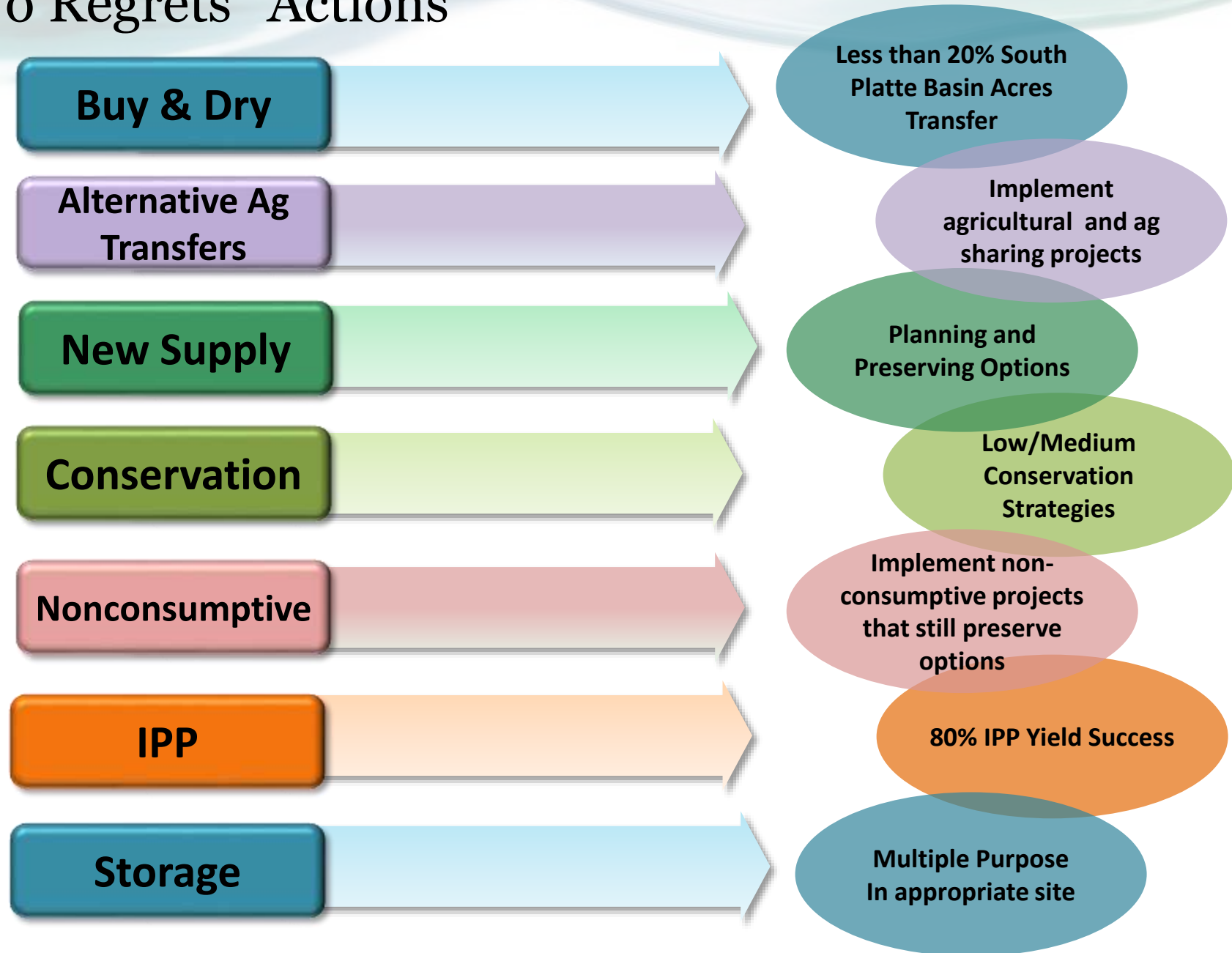
You



Scenarios

- Business as usual
- Weak economy
- Cooperative growth
- Adaptive Innovation
- Hot growth

“No Regrets” Actions





Framing the Roadmap Forward

- Basin Projects and Plans
- SWSI 2016
- State Water Plan

In Order to Avoid the Status Quo, Colorado Will Need a Mix of Solutions

		Possible Strategies	Examples of Projects and Methods
Portfolio		Agricultural Transfer	<ul style="list-style-type: none">• Agricultural Transfers (Traditional and Alternative)
		New Supply Development	<ul style="list-style-type: none">• Green Mountain• Yampa• Flaming Gorge• Blue Mesa
		Conservation	<ul style="list-style-type: none">• Active Conservation
		IPPs	<ul style="list-style-type: none">• Categories of IPPs include agricultural water transfers, reuse of existing fully consumable supplies, growth into existing supplies, regional in-basin projects, new transbasin projects, firming in-basin water rights, and firming transbasin water rights



Thank you