Introduction & 2014 Administration



COLORADO

Division of Water Resources

Department of Natural Resources

David Nettles, P.E. Division Engineer, Water Division 1

State and Division Engineer's Forum - April 15, 2014

Topics to Cover

Current Conditions 2014 Administration







South Platte Reservoir Storage below Kersey*



2013-14 Monthly Storage

2012-13 Monthly Storage

Total Storage

*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage above Kersey*



■ 2013-14 Monthly Storage

2012-13 Monthly Storage

Total Storage

*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



Diversion Structure Projected Recovery

Stream Reach	4/1/2014	5/1/2014	6/1/2014	10/31/2014
S.P Ker. to NE	90%	98%	98%	100%
S.P Den. to Ker.	50%	75%	75%	75%
Poudre	91%	91%	91%	100%
Thompson	50%	53%	53%	53%
St. Vrain	43%	43%	51%	57%
Boulder Creek	86%	86%	86%	95%
Clear Creek	20%	100%	100%	100%
All	64%	72%	74%	78%



Flood Affected Stream Gages

- 14 Gages permanently repaired
- 3 Gages temporarily repaired
- 2 Surrogate gages installed
- 2 Gages currently under construction (pre-runoff finish projected)
- 4 Gages unrepaired until after runoff

Stream Administration 2014

- Less "old school" than expected
- Adjustment to "new" stream conditions
 - Time/flows to develop new stream gage rating curves
 - Different gage locations
 - Probable changes in return flow patterns
 - More time to react to changes / Less precise administration
- Fewer structures may mean more junior diversions by functional structures
- Will use same transit loss procedure as last year

Questions?

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