

Status of Integrated Management Planning Activities

NRD Water Programs Conference
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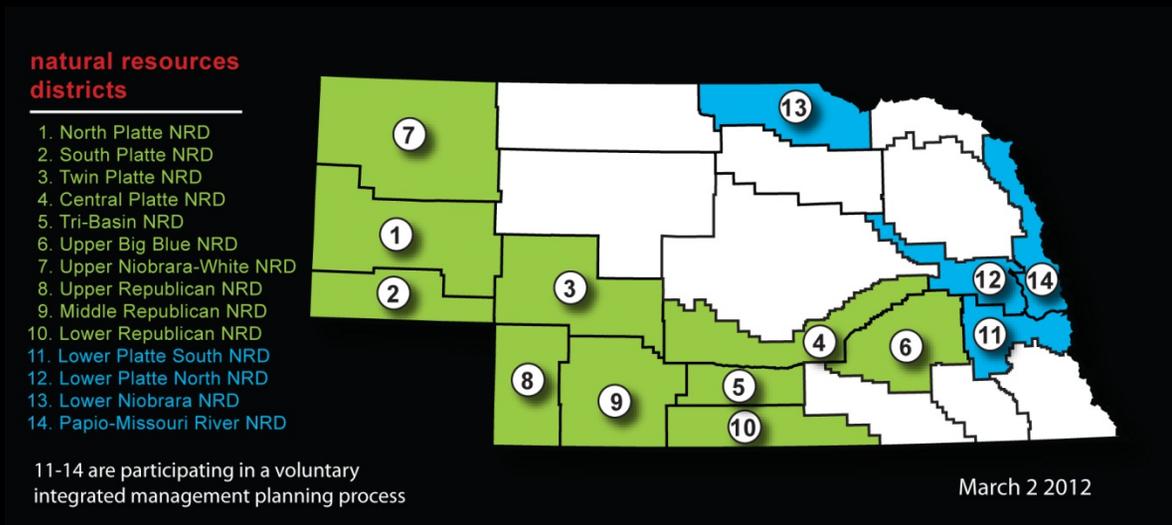


Fully and Overappropriated Areas



LB 962- Fully Appropriated and Overappropriated Areas as of September 21, 2011

Status of Integrated Management Plans

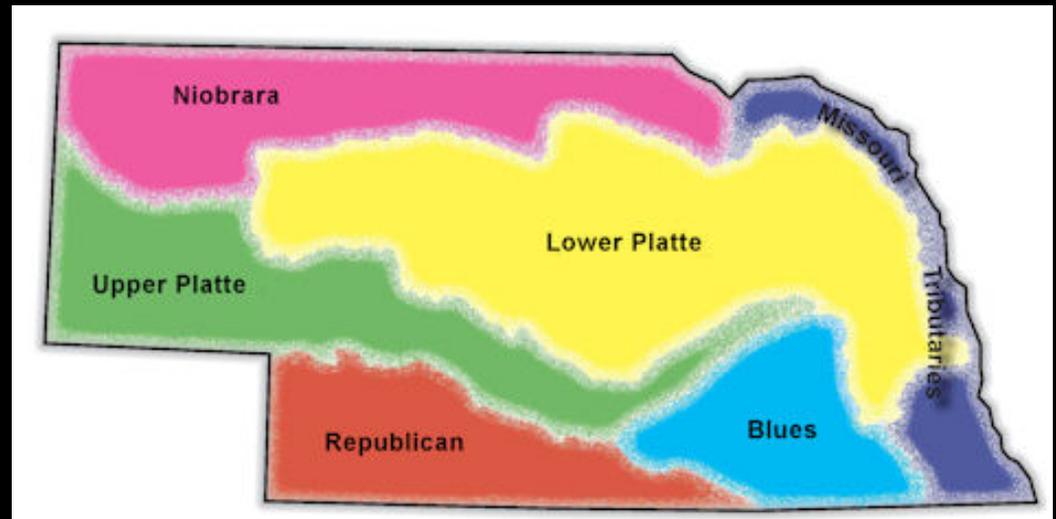


14 Natural Resources Districts

- 10 natural resources districts have completed IMPs
- 4 natural resources districts are in the process of developing voluntary IMPs

Basin Activities

- Upper Platte River
- Lower Platte River
- Republican River
- Niobrara River
- Blue River
- Missouri River
- Statewide



Upper Platte River Basin

- Encompasses six natural resources districts (NRDs) with portions declared over and fully appropriated.
- Departments “Excess Flow” report
- Recharge/Conjunctive management demonstration projects
 - 21 irrigation districts in the spring of 2011
 - 19 irrigation districts in the fall of 2011
 - Working to evaluate criteria for 2012

Upper Platte River Basin

- Platte Basin Habitat Enhancement Project (PBHEP)/ Platte Initiative
- Conjunctive Management tools and models being developed (COHYST 2010 and Western Water Use Model)
- Guidance documents and reporting standards

Lower Platte River Basin

- Generally encompasses seven NRDs. At this time, no portion of the Lower Platte Basin is fully appropriated.
- Initiating voluntary IMPs with LPSNRD, LPNNRD, PMRRD, & LNNRD
- CENEB model and Lower Platte/ Missouri Trib. Evaluation

Republican River Basin

- Department's 2012 dry-year forecast indicates compliance
- Republican River Compact Activity five-year average ~ 58,000 ac-ft
- Conjunctive management project in collaboration with the NeRRMDA
- Proposal to Bureau's WaterSMART program

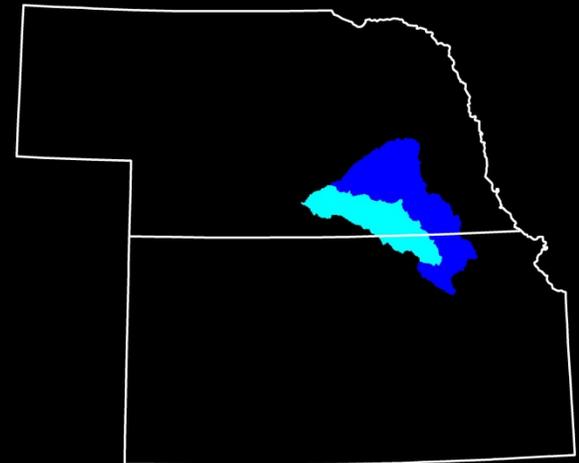


Niobrara Basin Study

- UNWNRD IMP and LNNRD voluntary IMP
- UNWNRD Conjunctive Management Model
- CENEB Model
- NDNR/BOR study to define options for meeting future water demands – combines UNWNRD and CENEB projects
- Analyze potential effects of climate variability on water supply.

Blue River Basin

- Blue Basin groundwater modeling
- None of the basin has been declared fully appropriated at this time.
- Blue River Compact Activity
 - Annual Compact meetings are held each spring.



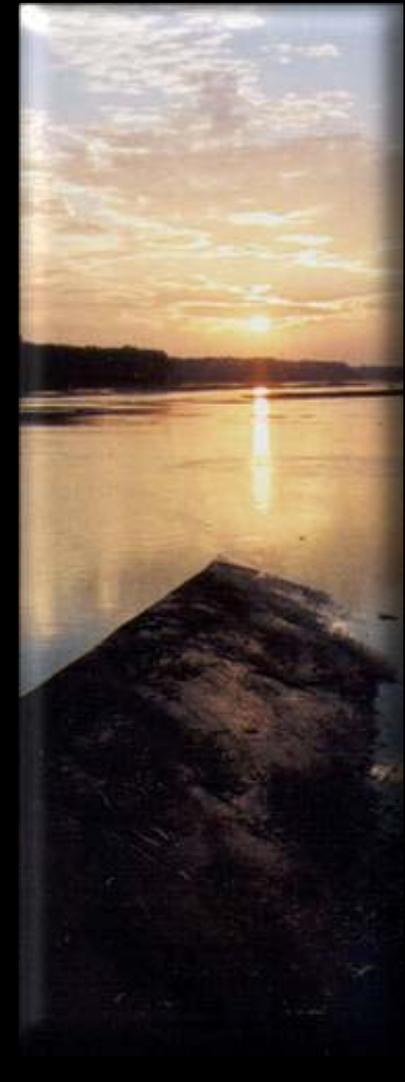


Missouri River Basin

- No portions fully appropriated at this time
- Evaluation of hydrogeologic conceptual framework to support FAB
- Flood related task groups
- MRRIC, MRERP
- Congress appropriated \$323 million for levee repair & \$262 million for dam/system repair
- Forecast below or at normal precipitation

Statewide Activities

- Statewide CROPSIM data
- Revised FAB methodologies
(in coordination with CPNRD)
- INSIGHT





Questions



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