

WRRRI Report No. 326
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Proceedings

47th Annual New Mexico Water Conference

There's No Doubt, We're in a Drought!

October 9-11, 2002
Ruidoso Convention Center

New Mexico Water Resources Research Institute
New Mexico State University
Las Cruces, NM 88003

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Table of Contents

Conference Program	iv
Drought, and Relationships Between the Pacific Decadal Oscillation, the El Niño - Southern Oscillation, and New Mexico Annual and Seasonal Precipitation <i>Charlie Liles, National Weather Service</i>	1
Drought Impact on Water Supplies and Delivery in New Mexico <i>Tom Turney, New Mexico State Engineer</i>	19
Meeting Compact Delivery Obligations During Times of Drought <i>Norman Gaume, Interstate Stream Commission</i>	27
The Need for a U.S.-Mexico Border Environment and Human Health Initiative <i>Chip Groat, Director, U.S. Geological Survey</i>	33
Economic Impacts of Drought on Uses on the Rio Grande <i>Frank Ward, Department of Agricultural Economics, New Mexico State University</i> ...	39
Desalination as a Supply for Drought Relief <i>Eddie Livingston, Livingston Associates. P.C.</i>	45
Strategies for Produced Water Handling in New Mexico <i>Robert Lee, Petroleum Recovery Research Center, New Mexico Tech</i>	47
Current Technology Related to Drought and Irrigation <i>Gary Esslinger, Elephant Butte Irrigation District and Phil King, Department of Civil and Geological Engineering, New Mexico State University</i>	57
Inside New Mexico (Moderated by Sherry Tippett, County Attorney, County of Grant) How Does Water Law Affect Management of New Mexico's Water During Times of Drought?	59
<i>David Benavides, Community and Indian Legal Services of Northern New Mexico</i> <i>Fred Hennighausen, Pecos Valley Artesian Conservancy District</i> <i>Steven L. Hernandez, Hubert and Hernandez</i> <i>Derrick Lente, Sandia Pueblo</i> <i>DL Sanders, Office of the State Engineer</i>	
U.S. Bureau of Reclamation Drought Programs <i>Michael Gabaldon, U.S. Bureau of Reclamation</i>	65

Water Banking: Panacea or Placebo? <i>Bob Grant, New Mexico Interstate Stream Commission and Sue Wilson Beffort, New Mexico Senator</i>	67
How a Large Municipality Plans to Meet Its Future Water Supply Needs <i>Ed Archuleta, El Paso Water Utilities</i>	81
How a Small Town is Dealing with Drought Conditions <i>Len Stokes, Consultant for Village of Ruidoso</i>	95
Water Requirements for Endangered Species in New Mexico <i>David Cowley, Department of Fishery and Wildlife Sciences, NMSU</i>	97
<i>Letty Belin, Belin and Sugarman</i>	109
<i>Joy E. Nicholopoulos, U.S. Fish and Wildlife Service</i>	113
Participant List	115

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PROGRAM

Wednesday Afternoon, October 9, 2002

1:00 pm Tour of Carrizo Valley Ranch *or*
Alamogordo's Treatment Plant and Storage Reservoirs

Thursday Morning, October 10, 2002

8:30 am Welcome
Karl Wood, WRI Director
Leon Eggleston, Mayor, Ruidoso

9:00 *Relationships Between the Pacific Decadal Oscillation and
New Mexico Precipitation*
Charlie Liles, National Weather Service

9:40 *Drought Impacts on Water Supplies and Delivery in New Mexico*
Tom Turney, New Mexico State Engineer

10:15 BREAK

10:45 *Meeting Compact Delivery Obligations During Times of Drought*
Norman Gaume, Interstate Stream Commission

11:15 *The Need for a U.S.-Mexico Border Environment and Human Health Initiative*
Chip Groat, Director, U.S. Geological Survey

12:00 - 1:30 Lunch - Award Winning High School Student Essays

Thursday Afternoon, October 10, 2002

1:30 *The Economic Impacts of Drought on Uses on the Rio Grande*
Frank Ward, Department of Agricultural Economics, NMSU

2:00 *Desalination as a Supply for Drought Relief*
Eddie Livingston, Livingston Associates, P.C.

2:30 *Strategies for Produced Water Handling in New Mexico*

Robert Lee, Petroleum Recovery Research Center, NM Tech

- 3:00 *Current Technology Related to Drought and Irrigation*
Phil King, Department of Civil and Geological Engineering, NMSU
Gary Esslinger, Elephant Butte Irrigation District
- 3:30 BREAK - Hosted by the U.S. Bureau of Reclamation - Centennial Celebration
- 4:00 Inside New Mexico (Moderated by **Sherry Tippett**, County of Grant Attorney)
How Does Water Law Affect Management of New Mexico's Water During Times of Drought?
David Benavides, Community and Indian Legal Services of Northern New Mexico
- Fred Hennighausen**, Pecos Valley Artesian Conservancy District
Steven L. Hernandez, Hubert and Hernandez
Derrick Lente, Sandia Pueblo
DL Sanders, Office of the State Engineer
- 6:00 - 8:00 Dinner Barbeque and Flying J Ranch Western Stage Show
Ruidoso Convention Center

Friday Morning, October 11, 2002

- 8:15 am *U.S. Bureau of Reclamation Drought Programs*
Michael Gabaldon, U.S. Bureau of Reclamation
- 9:00 *Water Banking: Panacea or Placebo?*
Bob Grant, New Mexico Interstate Stream Commission
Sue Wilson Beffort, New Mexico Senator
- 9:30 *How a Large Municipality Plans to Meet Its Future Water Supply Needs*
Ed Archuleta, El Paso Water Utilities
- 10:00 BREAK
- 10:30 *How a Small Town is Dealing with Drought Conditions*
Len Stokes, Consultant for Village of Ruidoso
- 11:00 *Water Requirements for Endangered Species in New Mexico*
David Cowley, Department of Fishery and Wildlife Sciences, NMSU
Letty Belin, Belin and Sugarman
Joy E. Nicholopoulos, U.S. Fish and Wildlife Service
- 12:00 Closing Remarks: **Karl Wood**, WRRRI Director