WYOMING WATER MANAGEMENT AND CONSERVATION

WYOMING STATE ENGINEER'S OFFICE AND THE UNITED STATES BUREAU OF RECLAMATION

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WATER CONSERVATION OFFICER

It is the intent of this effort to research, discuss, document and organize water management and conservation information which will ultimately be available to water users and the public for use in making decisions relating to voluntary water conservation implementation.

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- research water law and regulations in Wyoming and other western states for options in providing incentives that encourage wise use

ACTIVITIES TO ADDRESS AND REACH OBJECTIVES

- RESEARCH AND REVIEW
- PUBLIC OUTREACH
- STATE WATER PLAN

CONSERVATION COMPONENT

CONSERVATION CONCEPTS

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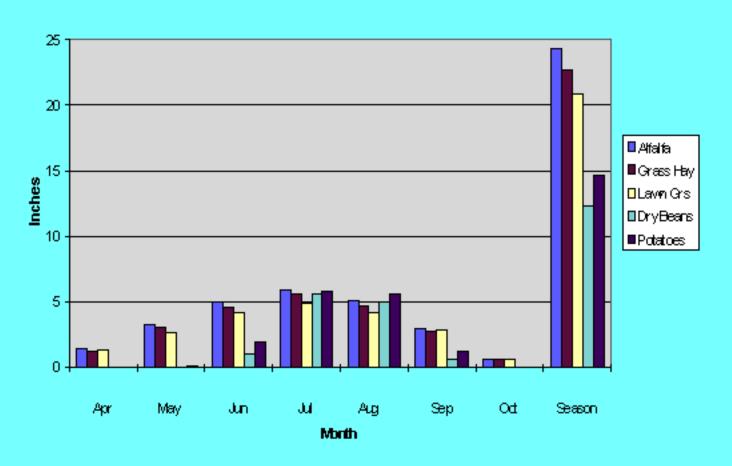


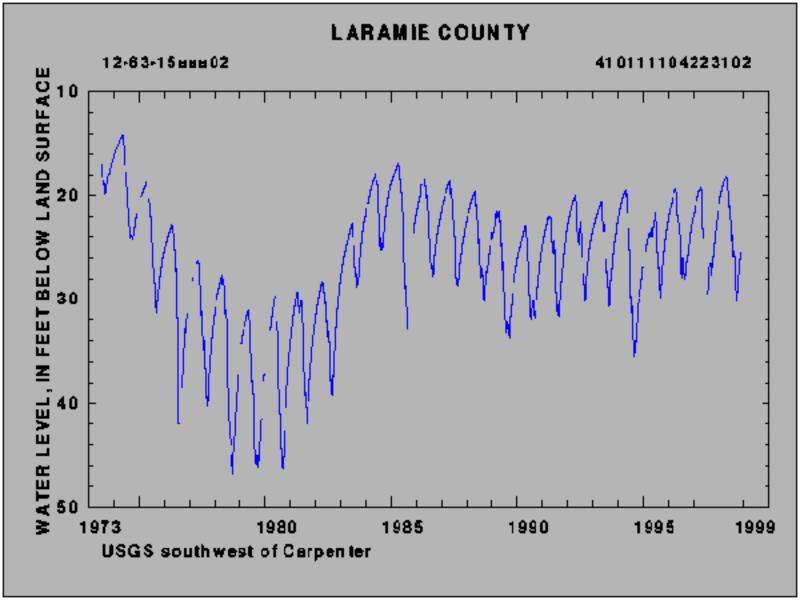


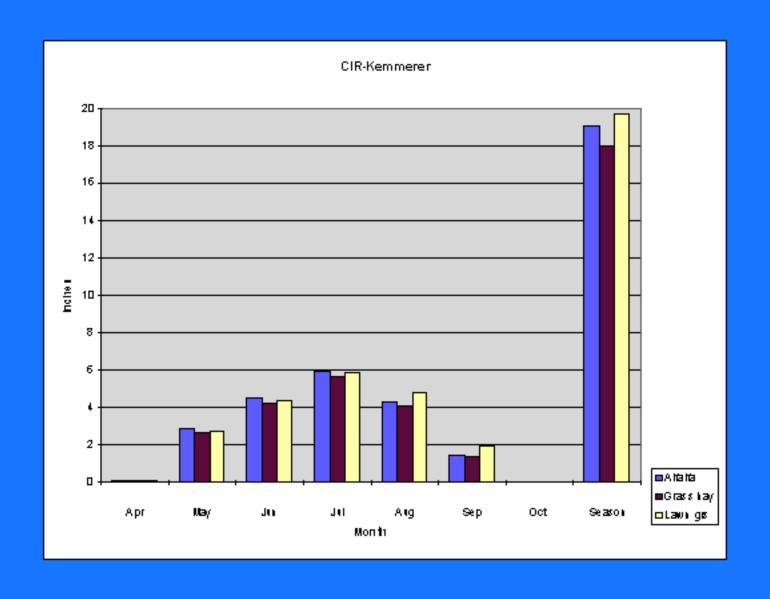


10% WATER
LOSS DUE TO
WIND DRIFT,
EVAPORATION,
ETC.

CIR-Cheyenne







CONSBRVATION CONCEPTS

annamer basiner de kolle







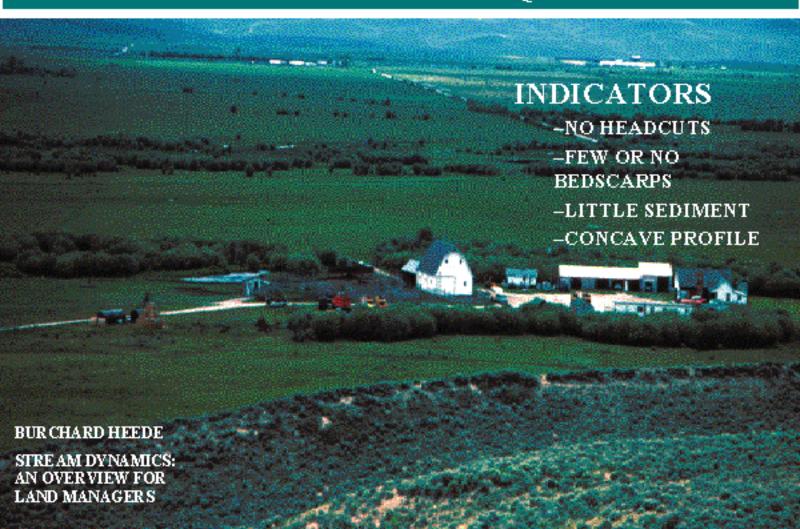


RIPARIAN ZONES THEN AND NOW: AN ENHANCED ENVIRONMENT CREATED BY AGRICULTURE

REGULATED RELEASE OF WATER HAS GENERALLY ALLOWED STREAM BANKS TO STABILIZE AT A GIVEN WIDTH AND DEPTH

SKINNER, QUENTIN AND HILLER, JOSEPH

STREAM DYNAMIC EQUILIBRIUM





POINTS TO CONSIDER

- IRRIGATION, LIVESTOCK WATER, MUNICIPAL AND INDUSTRIAL DEMANDS CONTINUE TO BE PRIMARY USES
- CONSERVATION ACCEPTANCE HAS BEEN AND CONTINUES TO BE INCENTIVE DRIVEN
- COMMUNITY CHANGE BRINGS AN EMERGING PUBLIC INTEREST IN WATER USE

THE CHALLENGE IS TO BALANCE CONSUMPTIVE AND NON-CONSUMPTIVE USE **OPPORTUNITIES**

REACHING A BALANCE WILL REQUIRE:

- RECOGNIZING TRADITIONAL USE VALUES
- RECOGNIZING FUTURE USE INTERESTS
- UNDERSTANDING SOLUTIONS ARE COMPLEX DUE TO MANAGEMENT/ CHANGE/IMPACTS/RAMIFICATIONS
- DEVELOPING INCENTIVES

WATER MANAGEMENT AND CONSERVATION ASSISTANCE PROGRAMS DIRECTORY

WATER LAW REVIEW

MONTANA LEASING

OREGON WATER TRUST

TEXAS WATER BANK

COLORADO BANKING

WYOMING CHANGE OF USE

PROPOSALS

SALVAGE

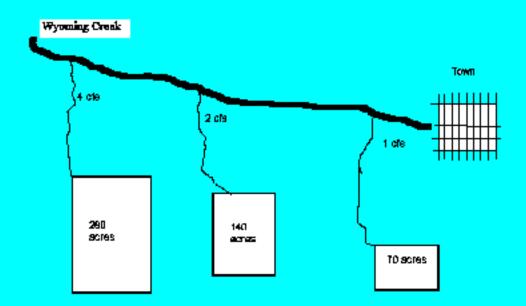
•TEMPORARY CHANGE OF USE

DRY YEAR LEASING

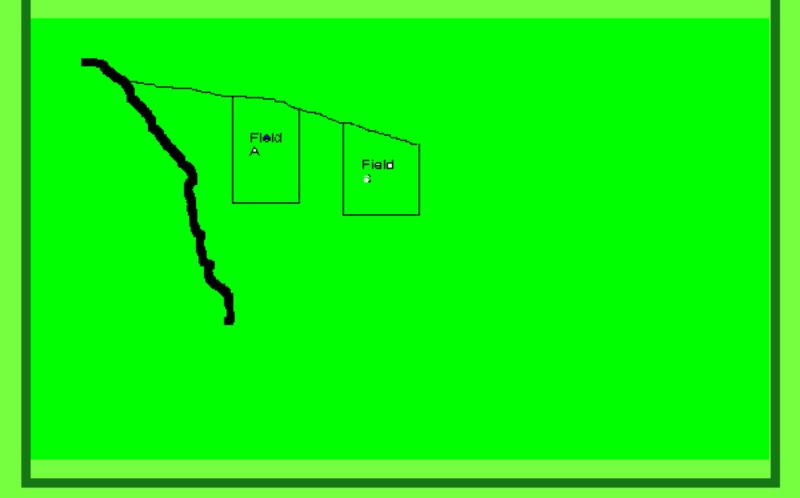
Water Savings Through Conveyance Efficiency Improvements Example

(Salvage Water)

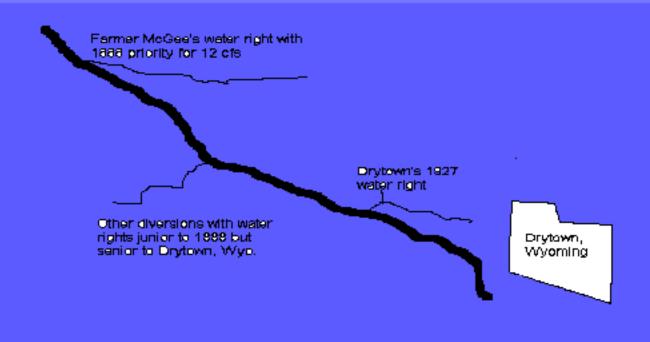
Existing Situation



Seasonal or Temporary Changes in Use—Same Owner Retains the Water Right



Dry Year Leasing Example



Privately held instream flow example

