BOISE RIVER, ACCOUNTING
18 Nov 81

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Discussed past events leading to decision to set up account system for Boise R.
Water Use Data funds use for this as approved by WTH, MRP, R.N.
Discussions w/ WM.

Pros and Cons of conversion
More fair access
Difficulty in getting acceptance from district
Cost to WM office - terminal and maintenance - perhaps use of
WUDS funds to buy terminal. Water District would have to
pay for maintenance contract.
Possible use of USBR computer
Data availability, machine format,

Steps
Some kind of introduction to WD-63
Set up program, data
Test year (1977)

Decision by AKD, supported by NCY to leave our draft material on
daily access in Res Reg Manual and to begin work on the accounting
process.
Norm/Ken and Dave/Show will do coordination with WM.
Background

Res rep manual - draft calls for actual season accounting
Applic of WUD-1 program to Boise would accomplish
Making div data readily avail to WUD and others in machine format
Fits requirements of WUD.

Discussion here during summer regarding alternatives for WUD led
MRP. NTH to commit to an applic on Boise R.

Nature of system envisaged

Terminal at WM office. Silent 700 or allow for data entry, output.
Use of VAX or possibly DEC or IBM.
Input: 30 div, 4 res., 82 reaches
Output: NF, stor status each canal, Res fill.
Data stor - at VAX w/etr to IBM.

Cost

Terminal #

Process of development

Set up Boise R characteristics in data
rights
diversions
reach
res., etc.

Enter data for a test year (1977)
Run year - compare to WM accounting of that year.
After problems are worked out help WM again terminal and begin run
Major differences from past
Daily acc'ty throughout year
Reservoir fill will be different because of daily acc'ty and storage rights definition
Lucky Peak will acc'ree some water in nearly all years (Moore Creek)
Res carryover definition on 1 Nov will affect 'flexibility' in Boise flx
Natural flow in summer will be greater because reservoir evaporation
will be added back.