

XCONS2 (modifed Blaney Criddle) computes the Net Irrigation Requirement (NIR) NIR = crop consumptive use - effective precipitation

Begining and ending mean air temp of moisture use Begining and ending day of growing season Length of growing season Monthly % of daylight hours

Climate data from weather stations Mean monthly temperature (degrees F) Precipitation (inches/month)

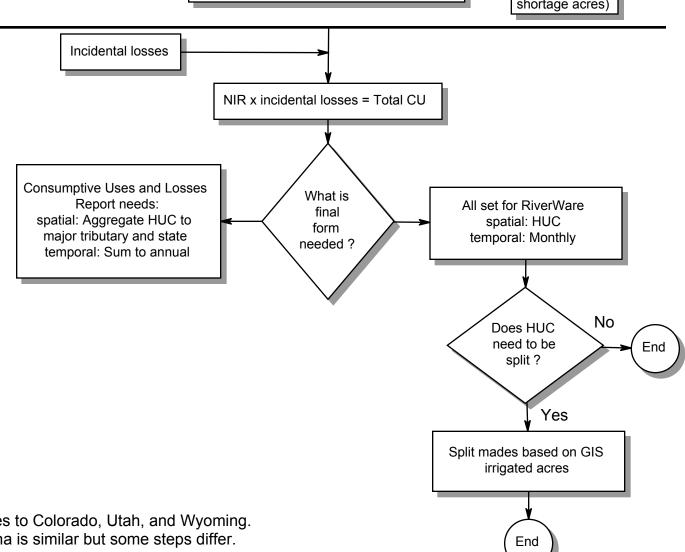
Latitude: weighted average of weather stations used Percentage of project area for crop

Irrigated acres (see separate flowchart)

Shortage acres (see separate flowchart)

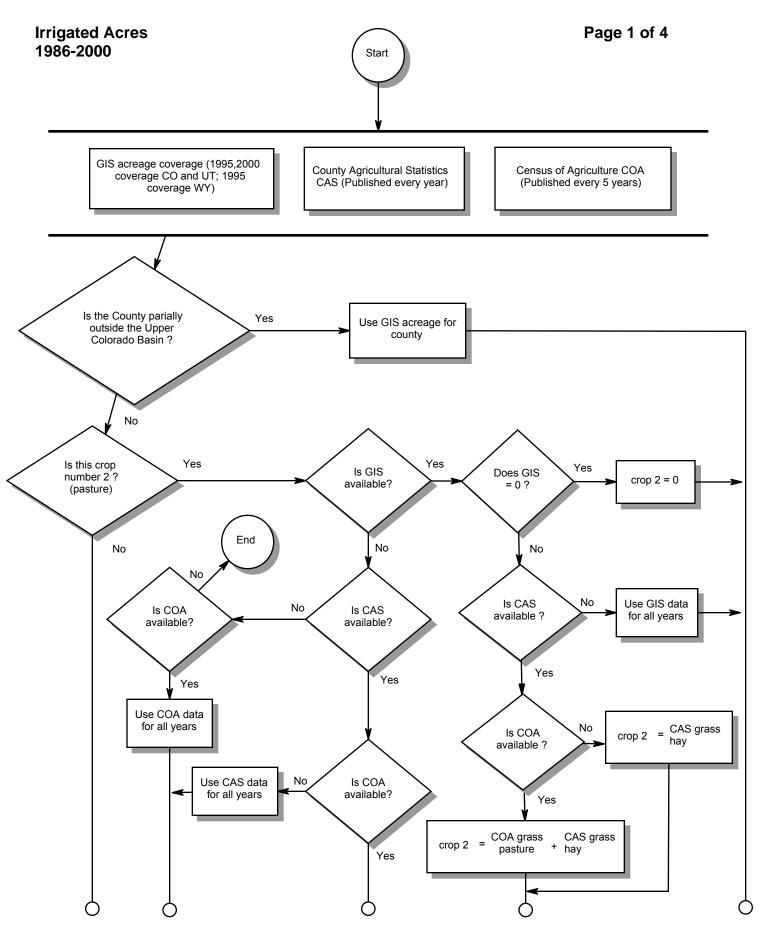
NIR(in) x irrigated acres = NIR(acre-feet)

Shortage cutoff dates (see shortage acres)

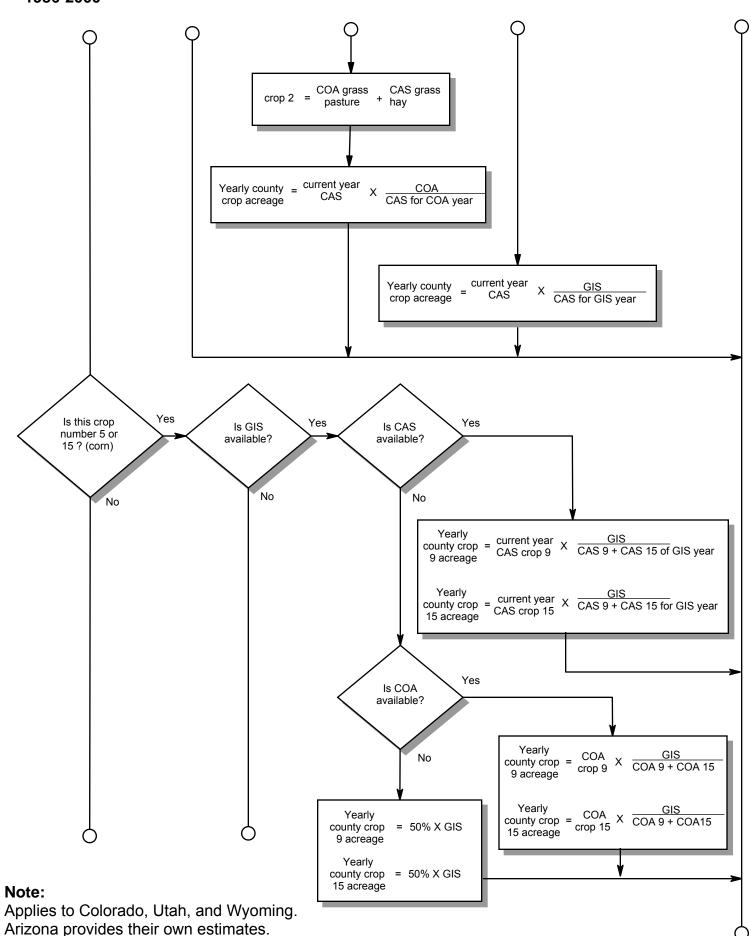


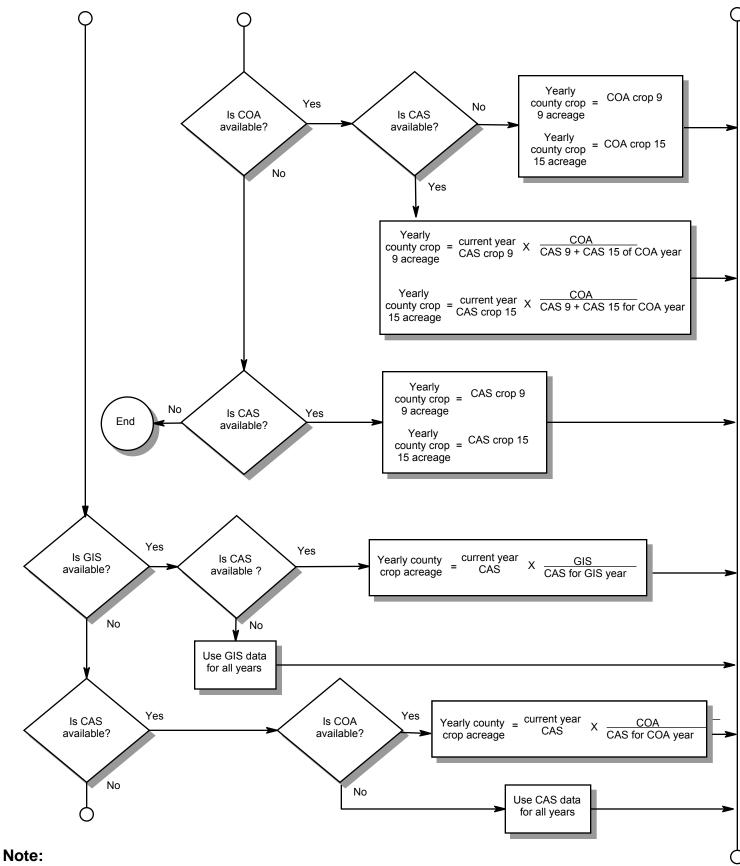
Note:

Applies to Colorado, Utah, and Wyoming. Arizona is similar but some steps differ. New Mexico calculates data with their own methods.



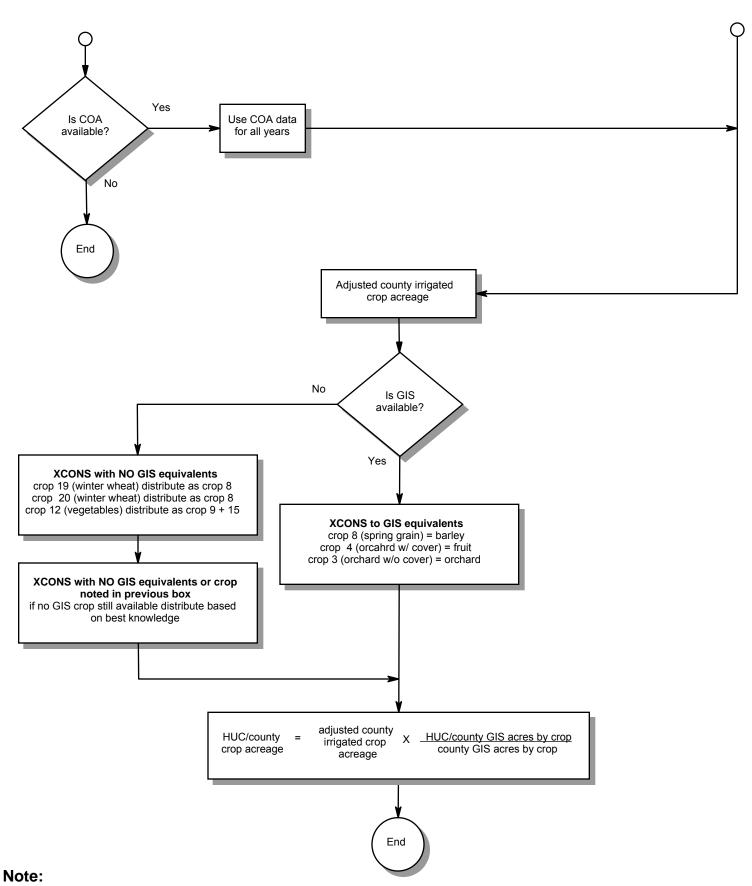
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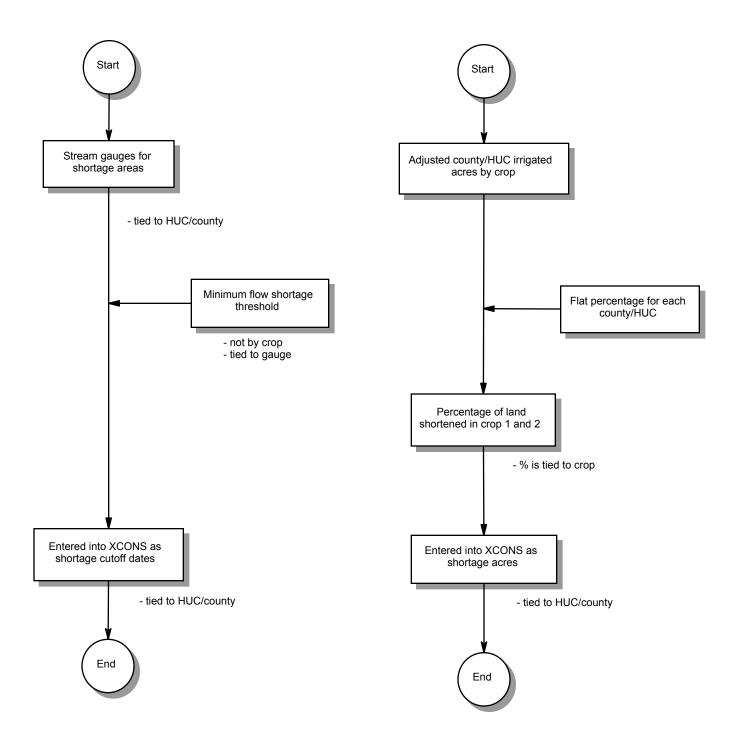


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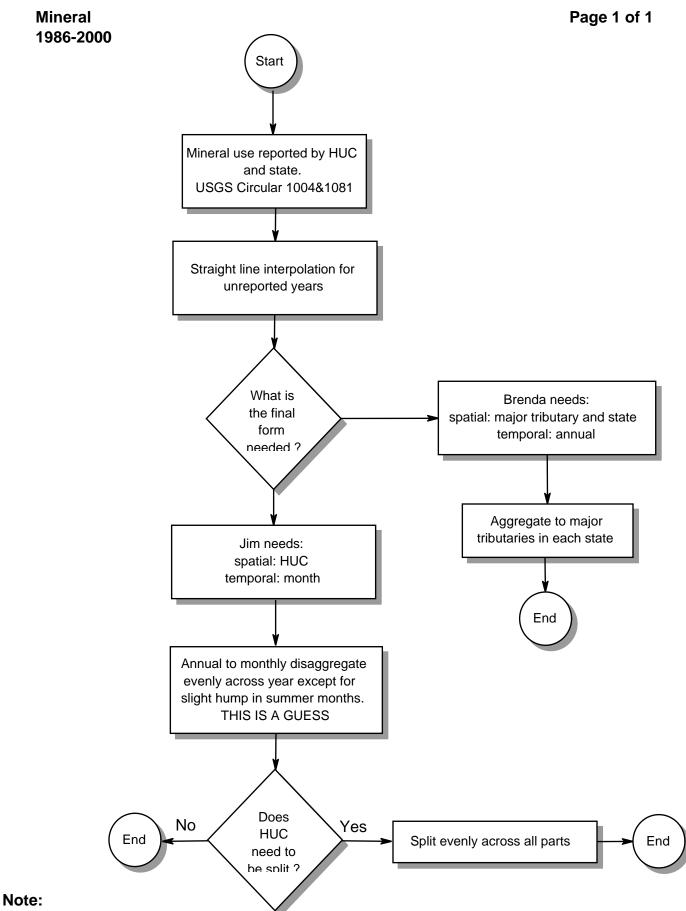
Arizona provides their own estimates.



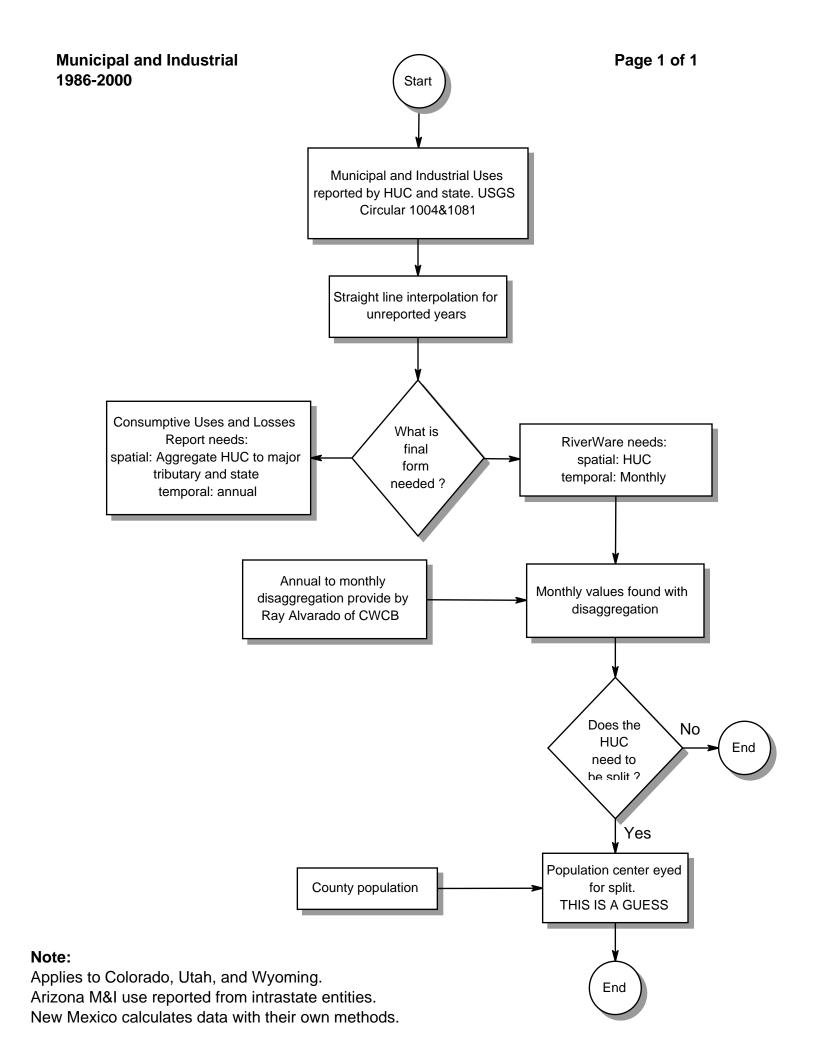
Applies to Colorado, Utah, and Wyoming. Arizona is similar but some steps differ. New Mexico calculates data with their own methods.

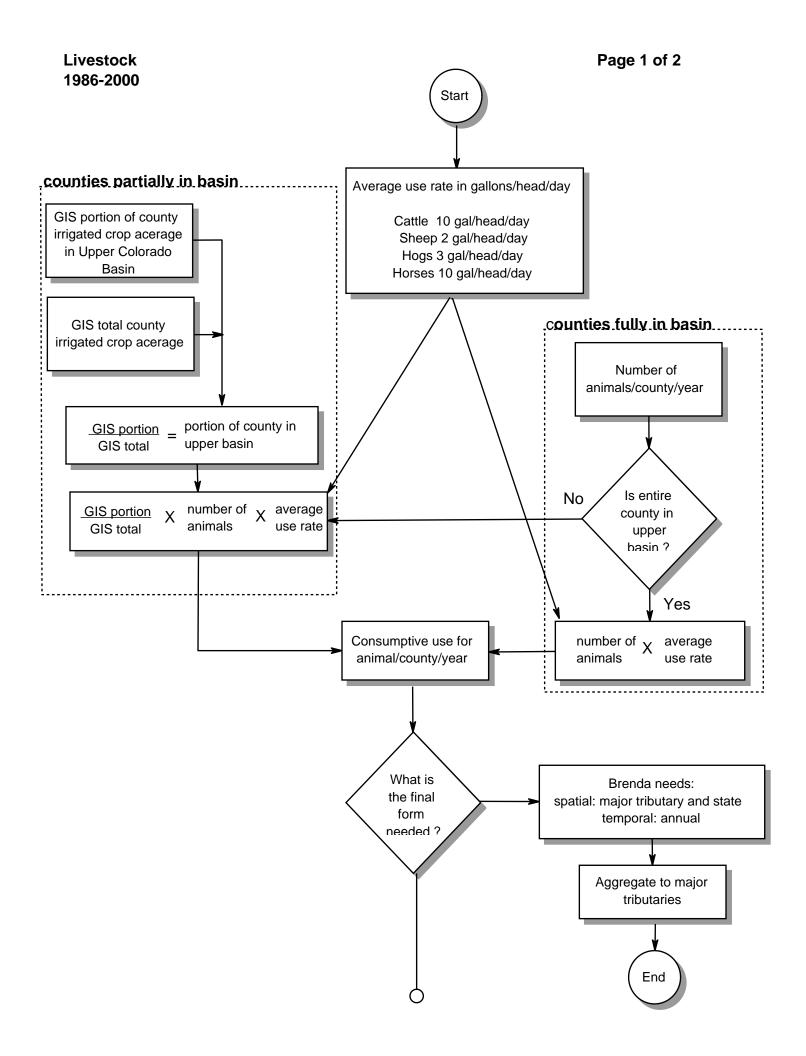


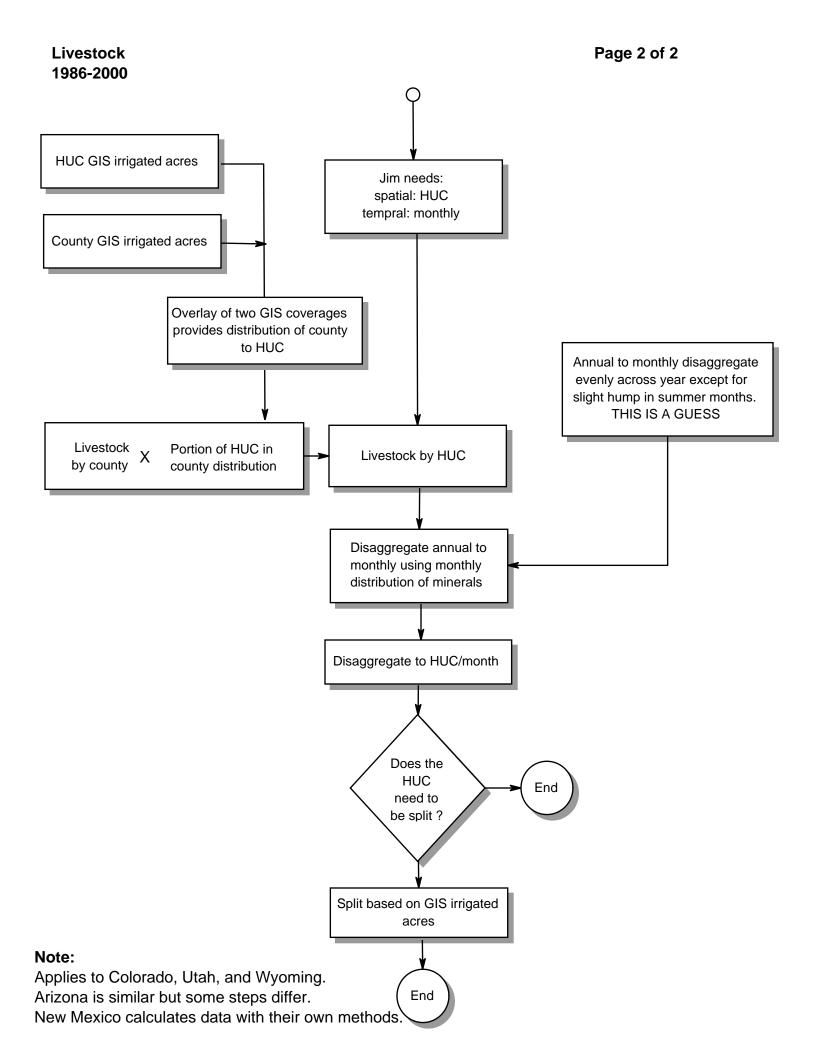
Applies to Colorado, Utah, and Wyoming. Arizona provides shortage as a percentage of that irrigated. New Mexico calculates data with their own methods.

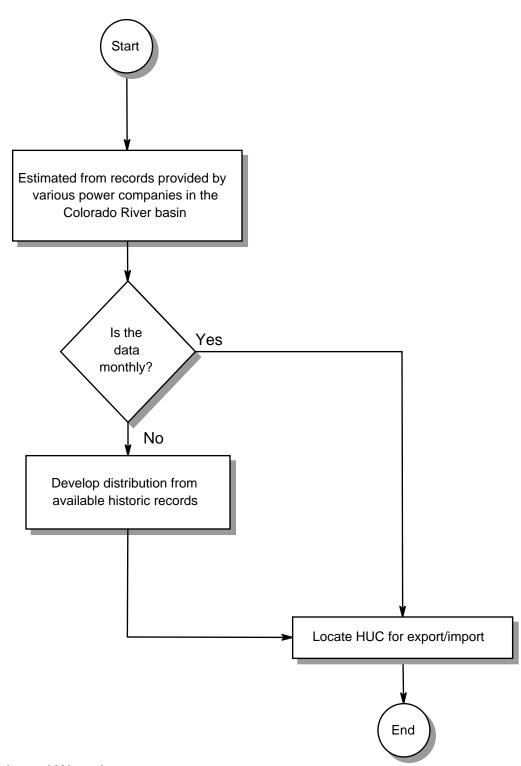


Applies to Colorado, Utah, and Wyoming. Arizona does not report mineral consumptive use. New Mexico calculates data with their own methods.

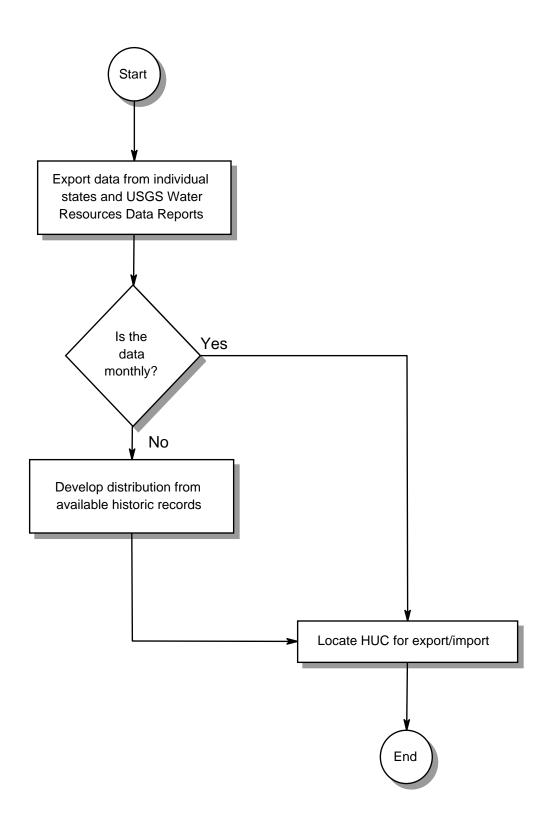




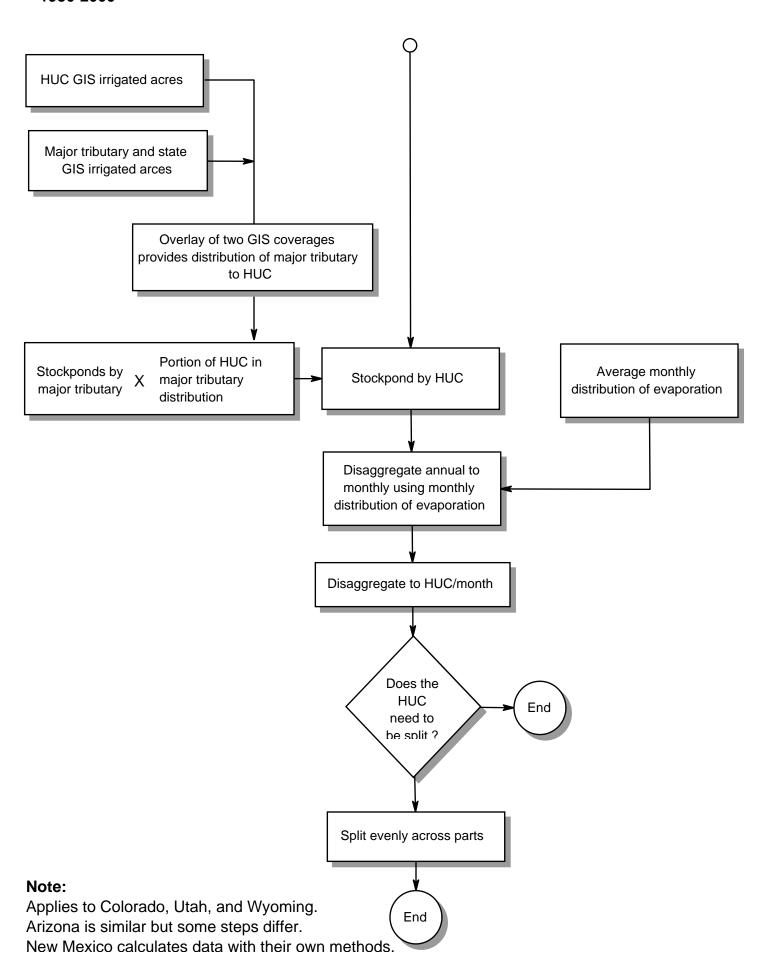


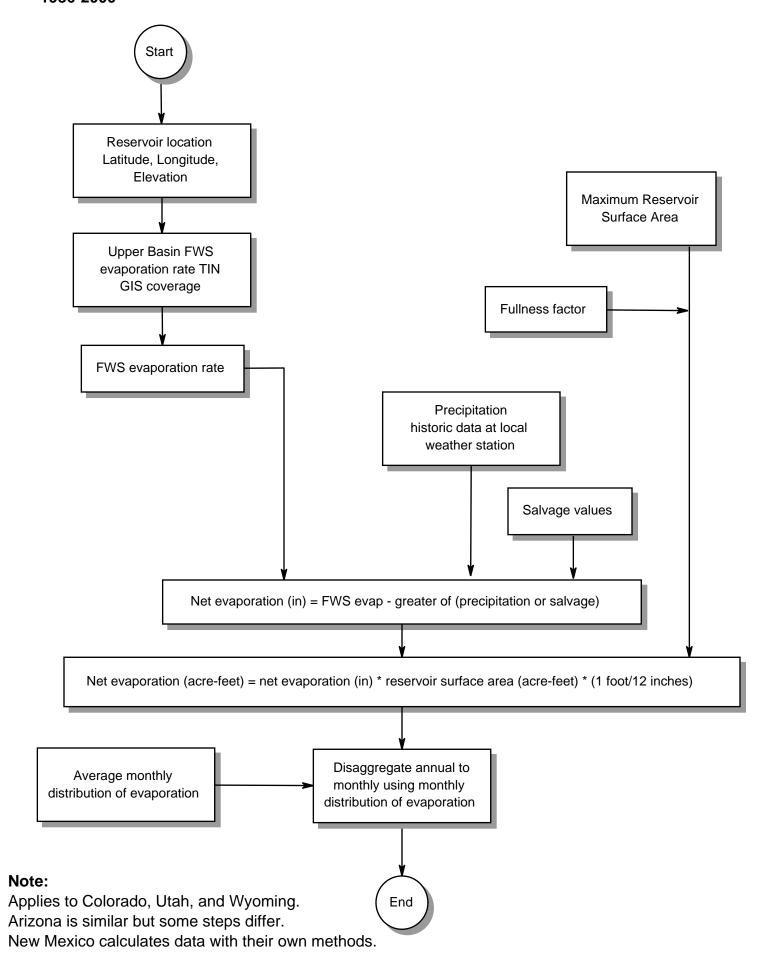


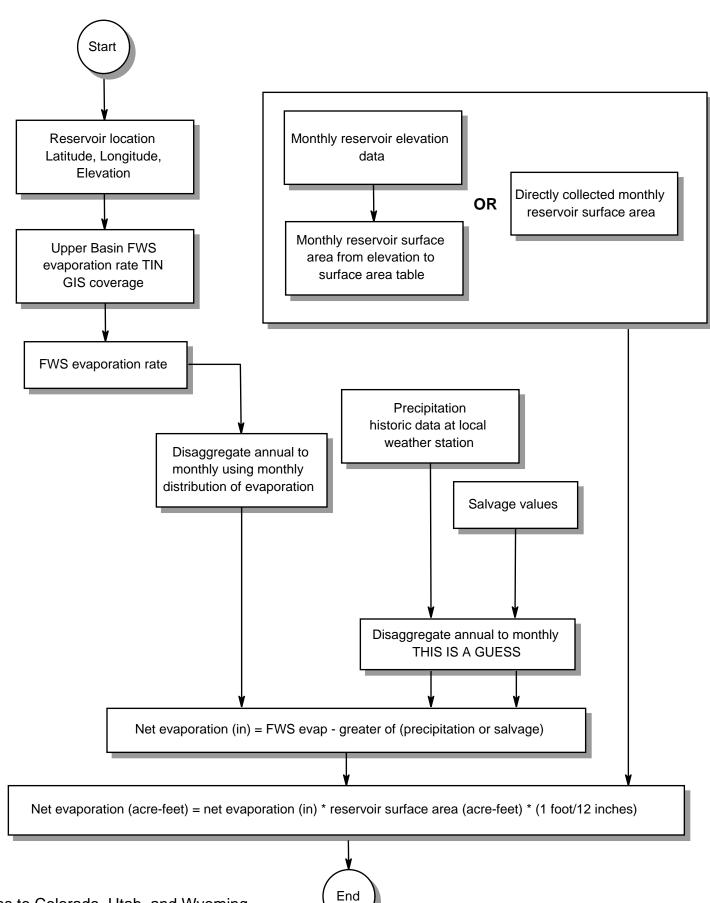
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Applies to Colorado, Utah, and Wyoming. Arizona does not report export or import consumptive use. New Mexico calculates data with their own methods.







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