

INSTREAM FLOW REQUIREMENTS FOR THE PLOUDRE RIVER

An analysis completed by John Bartholow suggests that 20 cfs would add up to a total of ~5,000 acre feet of new water needed to be flowing by the Lincoln Street gage. By analyzing the daily mean flow at the gage, Bartholow calculated the average “deficit” over a multi-year period. The chart below depicts the acre-feet requirements (y-axis) to achieve minimum cfs flows (x-axis) at the Lincoln Street gage. A twenty (20) cfs minimum would also be a first critical step towards an ecologically healthy flow regime as outlined in “Poudre River Flow Recommendation” which is available at:

<http://fossilcreeksoft.googlepages.com/poudreriverflowrecommendation>

