Table X-5. Worksheet for Estimating Recreation Benefits
at Grant Lake Reservoir

1. Average number of annual visitor days over 20-year period, by alternative
    (Table 3N-17)

2. Average visitor benefits per change in lake elevation (estimated median WTP $0.22
    per visitor day from statistical analysis divided by change in lake level [21
    feet] described in survey)

3. Calculate benefits per visitor and total annual benefits for a change in median
    lake level from point-of-reference conditions (7,112 feet) (Table 3J-13)

    -   No restriction: median lake level = 7,119 feet
            7 x $0.22 = $1.54 x 69,800 = $107,492

    -   6,372-Ft: median lake level = 7,106 feet
            -7 x $0.22 = $1.32 x 64,600 = $-85,272

    -   6,377-Ft: median lake level = 7,105 feet
            -7 x $0.22 = $1.54 x 64,400 = $-99,176

    -   6,383.5-Ft: median lake level = 7,104 feet
            -8 x $0.22 = $1.76 x 63,500 = $-111,760

    -   6,390-Ft: median lake level = 7,103 feet
            -9 x $0.22 = $1.98 x 62,800 = $-124,344

    -   6,410-Ft: median lake level = 7,102 feet
            -10 x $0.22 = $2.20 x 62,000 = $-136,400

    -   No diversion: median lake level = 7,132 feet
            20 x $0.22 = $4.40 x 81,000 = $365,400