

Table X-1. Worksheet for Estimating Recreation Benefits  
for Mono Lake Visitors

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| 1. | Number of annual visitor days (in 1992, from Table 3J-3)   | 162,000 |
| 2. | Average number of annual visitor days per visitor (from user survey, Appendix W)   | 3.14    |
| 3. | Estimated number of visitors   | 51,592  |
| 4. | Average visitor benefits per change in lake elevation (estimated WTP benefits from statistical analysis)   |         |
| 5. | Calculate benefits per visitor and total annual benefits for a change in median lake level from point-of-reference conditions (6,372): \$3.47 per foot for changes between 6,375 feet and 6,390 feet and \$0.99 per foot for changes between 6,391 feet and 6,411 feet |         |
|    | - No restriction: median long-term lake level = 6,354 feet<br>Used WTP (\$61.30) to maintain 6,375 feet to approximate the value to avoid dropping to this lake level ( $\$61.30 \times 51,592 = \$3,162,590$ )  |         |
|    | - 6,372-Ft: median long-term lake level = 6,375 feet<br>( $3 \times 3.47 = \$10.41 \times 51,592 = \$537,072$ )  |         |
|    | - 6,377-Ft: median long-term lake level = 6,379 feet<br>( $7 \times \$3.47 = \$24.29 \times 51,592 = \$1,253,169$ )  |         |
|    | - 6,383.5-Ft: median long-term lake level = 6,386 feet<br>( $14 \times \$3.47 = \$48.58 \times 51,592 = \$2,506,339$ )   |         |
|    | - 6,390-Ft: median long-term lake level = 6,392 feet<br>( $18 \times 3.47 = \$62.46 \times 51,592 = \$3,222,436$ )<br>( $2 \times \$0.99 = \$1.98 \times 51,592 = 102,152 + 3,222,436 = \$3,324,588$ )   |         |
|    | - 6,410-Ft: median long-term lake level = 6,411 feet<br>( $39 \times \$0.99 = \$38.61 \times 51,592 = \$1,991,967$ )   |         |
|    | - No diversion: median long-term lake level = 6,427 feet<br>No estimate; outside estimatable range   |         |

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Note: Median lake level for point of reference differs from that shown in Table 3J-13 because the economic analysis requires the actual median of hydrologic conditions as opposed to the assumed lake level (i.e., 6,376 feet).

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