LAKE POWELL

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2012
## Water Level History

<table>
<thead>
<tr>
<th>Year</th>
<th>High</th>
<th>Low</th>
</tr>
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<tbody>
<tr>
<td>2002</td>
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<td>3620</td>
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</tr>
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<td>2008</td>
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<td>2010</td>
<td>3638</td>
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</tr>
<tr>
<td>2011</td>
<td>3660</td>
<td>3609</td>
</tr>
</tbody>
</table>
Equalization – Mead and Powell

• 11 MAF average inflow to Powell
• Runoff of 16 MAF in 2011
• Extra 4 MAF sent downstream
• Equalization trigger elevation 3643
Present Elevation

- 3639
- Prediction 3645 high for 2012
- 2012 Runoff not equal to 2011 Yet

www.usbr.gov/uc/water/crsp/studies/lppwse.html

www.usbr.gov/uc/water/crsp/cs/gcd.html
Trend Netting – Striped Bass

Figure 5. Total catch of striped bass from the annual fall gill netting survey, Lake Powell, UT, 1981 - 2011.
Figure 6: Condition factors of adult and juvenile striped bass collected in the annual fall gill-net survey vs. pelagic shad abundance, 1975-2011.
Wr Smallmouth Bass

![Graph showing mean relative weight (Wr) of Smallmouth Bass from 1988 to 2011. The graph indicates a declining trend in Wr over the years. A table showing Wr for Smallmouth Bass with TL > 149 mm from different locations is also included.]
Brushy Habitat is key
Native Fish in Lake Powell

- Flannelmouth Sucker
- Razorback Sucker
- Pikeminnow
- New Study of persistent pop.
SUMMARY

- Fish populations in perfect condition
- Powell at the peak
- Water levels, sport fish, forage fish, habitat
- From the top only way is down