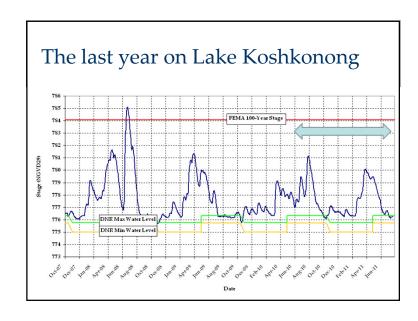


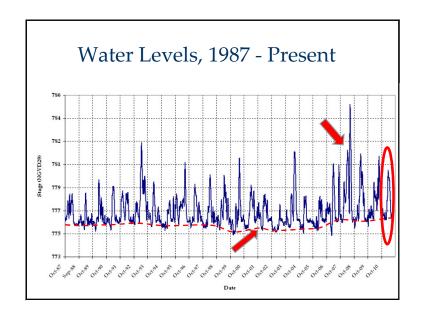
Proposed Slow-No-Wake Criteria

- Action Stage at Lake Koshkonong gage
- Use same Action Stage for SNW on and SNW off
- Action stage at Lake Koshkonong correlates well with Action Stage at Indianford Dam

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Observations on Recent Hydrology

- 2011 Flood peak about average in height for record since 1987.
- Flows have generally been higher than average for the last five years low stages have not been as low as they were previously.
- Winter and summer stages typically above operating order targets.
- Aquatic vegetation on Lake Koshkonong



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Floodplain Revision for the Rock River

- Restudy initiated by DNR, partly in response to 2008 flood
- 100 Year flood stage change
- Floodplain zoning: floodway, floodfringe

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Rock River TMDL



- A draft of the TMDL for the Upper and Lower Rock River Basins is finished and available online.
- There are approximately 40 waters in the Rock River Basin that are impaired by excess phosphorus (TP) and total suspended solids (TSS).
- All of the Rock River & Lake Koshkonong are designated "impaired"
- The DNR is responding to public comments and a final draft will be available soon.



RKLD Support for USGS gages

RKLD currently supports gages at:

- Indianford Dam
- Lake Koshkonong
- Ft Atkinson

Indianford Dam gage has accuracy limitations, Ft Atkinson & Lake gages record high quality data

• STH 59 at Newville

change:

- Lake Koshkonong

USGS requested

• Ft Atkinson

Newville gage (already installed) measures stage and velocity directly, similar to Ft Atkinson



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Restoring hydropower at Indianford Dam

- Recognize value of renewable energy
- Recognize value of income stream



Today

1929

ndigy Ford Dam

Hydropower Implementation

- Analyze revenue potential
- Analyze required installation: turbines, generators, switchgear, operating needs
- Evaluate permitting & licensing
- Evaluate investment & return
- Go/No-go
- Start permitting and possible equipment procurement
- Contract for installation & start-up
- 2-3 year process

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