

IMPROVING STAKEHOLDER ENGAGEMENT AND TRACKING OUR ADMINISTRATIVE HISTORY WITH THE GCDAMP WIKI



OUR ONE STOP SHOP FOR INFORMATION

CRAB: JANUARY 10, 2018

WHAT IS THE GCDAMP WIKI?

- **Stakeholder Site**
 - One centralized place where stakeholders can find, share, and understand AMP-related information.
 - Links information already found on public sites
- **Administrative History**
 - Records decision-making processes
 - Interviews and biographies
- **Forum for Stakeholders to share perspectives**
- **Forum to share and understand Science**
 - Organized by resource
 - Links resources together
- **Searchable**



<http://gcdamp.com>

NAVIGATING THE WIKI

Main Page

Search



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Main page Discussion

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| Administration | Communication | Learning | Documents | Media | Resources

Program

Main Page

- Main page
- Recent changes
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- Question Poll
- Dashboard
- Mailing Lists
- Ad Hoc Groups
- About Us

Tools

- Tools
- What links here
- Related changes
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Quick Links

Quick Links to Hot Topics [edit]

- NNF EA | Brown Trout | Green Sunfish | TMFs | Bug Flows | HFEs | Nutrients | Water Quality PEP | FY18-20 TWP | Aeolian Sand Transport | 2017 KA | Fish PEP | LTEMP | LSF | Razorback Sucker | Species of Management Concern | Natal Origins | NSE Study | Temperature | Operations | Hydrology | Resource Stats | Acronyms--Terms

DATA ORGANIZED BY RESOURCE

We have a page for that:

- Humpback chub
- Foodbase
- Lees Ferry fishery
- Operations
- Hydropower
- Sediment
- Recreation
- HFES
- LSSF, FSS
- Temperature
- Brown trout
- Green sunfish
- Budget
- LTEMP
- GCPA of 1992
- AdHoc Groups
- Fact Sheets
- Trivia



THE WIKI WORKPLACE

The screenshot shows the Wikipedia article for 'Humboldt chub'. The article includes a description of the species, its status and distribution, and a section on desired future conditions. It also features a map of the Humboldt Bay area and several images of the fish. The article is well-structured and informative, providing a comprehensive overview of the species.

Updates

Description

Links & Info

The screenshot shows a presentation slide titled 'Annual Interval (Sept to Sept)'. The slide contains several graphs and charts, including a line graph showing the 'Adult Humboldt Chub condition: fat (> 1.0) or skinny (< 1.0)?' and a bar chart showing 'Spring LCN 150-190 mm Humboldt Chub abundance'. The slide also includes a section for 'Presentations and Papers' with a list of references. The presentation is visually appealing and provides a detailed analysis of the Humboldt chub population.

Presentations

Publications

Other Stuff

PROGRAM HISTORY

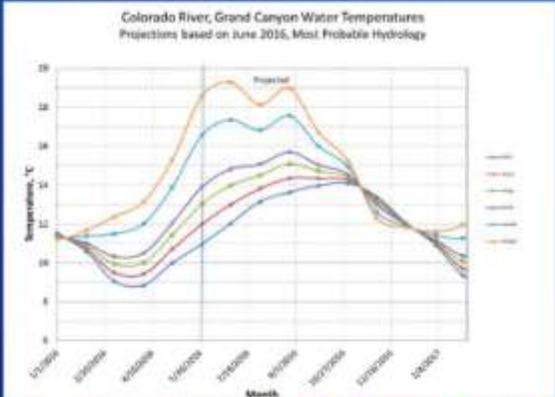
Why did we do that?

- 2000 Low Summer Flow Experiment
- 2009-2011 Fall Steady Flow Experiment

Other Stuff

- 2000 LSSF Report, Page 33: The results from Korman and others (2004) report suggest YOY fish might benefit more from a low steady flow period that started later in the summer season, such as August. The delayed timing might benefit YOY fishes entering the mainstem from tributaries during monsoon flooding. The resulting reduction in base flow in August compared to MLFF could provide maximum shoreline habitats coupled with warmer water released from Lake Powell (fig. 2-1; Vernieu and others, 2005) and greater ambient air temperatures (Wright and others, 2008; see link for [Temperature](#)). For more information on the development of an experiment to test fall steady flows, go to the link for the [2009-2012 Fall Steady Flow Experiment](#).

The screenshot shows a Wikipedia article titled "The 2000 Low Summer Steady Flow Experiment". It includes a line graph showing water temperature and flow rate over time. The text describes the experiment's purpose to evaluate the effects of steady, low-flow releases from Lake Powell on juvenile humpback chub. It mentions that the experiment was conducted in August and September 2000, and that it resulted in a significant increase in juvenile humpback chub survival and growth compared to the monsoon flooding period.



RECLAMATION

Conclusions

The NSE project developed a sampling and analytical framework to directly assess juvenile humpback chub population responses to management actions of smaller fish sizes than were previously possible. This framework is important, as the key outcome from many different types of management actions in the Colorado River is to improve survival of juvenile humpback chub, increasing overall abundance and accelerating the population to recovery. The NSE project also documented that **small juvenile humpback chub can survive and rear in the mainstem Colorado River**. This information is important because adult humpback chub numbers (age 4+) have increased over the past decade, possibly due to improved survival in the mainstem Colorado River (Coggins and Walters 2005).

We identified **chemical markers that can distinguish fish use of Little Colorado River from mainstem use**. Humpback chub in this reach of Grand Canyon originates overwhelmingly from the Little Colorado. Mainstem adult otoliths showed evidence that longer rearing in the Little Colorado promotes better growth and recruitment. The combination of otolith chemistry and growth increment analysis together produced a good natural marker that could be used as a tag to follow fish movements between the mainstem and Little Colorado River. Further work will be needed to extend this methodology to other humpback chub aggregations within Grand Canyon and possibly to other native fish species assessments.

The results of the NSE project suggest that **juvenile humpback chub survival, growth, abundance, and habitat use are robust (did not change) to the fall steady flows observed during 2009-2011**. It is likely that more extreme flow treatments (e.g. higher or lower discharges, longer duration) are required before changes in these metrics would be observed. This research demonstrates the apparent flexibility of juvenile humpback chub in habitat selection regardless of fluctuating or steady river flows. Our development and application of methods to assess the growth, survival, and persistence of juvenile humpback chub in the mainstem Colorado River are key new additions to the body of knowledge available for managing the Colorado River and understanding how juvenile fish populations respond to hydropower operations in regulated rivers globally.

The screenshot shows a Wikipedia article titled "Near Shore Ecology (NSE) Study". It includes a photograph of a humpback chub. The text describes the study's focus on understanding the relationship between water temperature, flow, and juvenile humpback chub survival and growth. It mentions that the study was conducted in the mainstem Colorado River and that it resulted in a significant increase in juvenile humpback chub survival and growth compared to the monsoon flooding period. The article also lists several key findings and conclusions.

HOW DO WE CONTRIBUTE?



The diagram illustrates the process of contributing to a wiki. It begins with a screenshot of the main page menu, which includes links for Main page, Recent changes, Random page, Question Poll, Dashboard, Mailing Lists, Ad Hoc Groups, and About Us. A yellow arrow labeled "Upload file" points to a screenshot of the "Upload File" form. The form includes a "Choose File" button, a list of permitted file types (png, gif, jpg, jpeg, pdf, xls, xlsx, doc, docx, zip, m4a, mp4), a maximum file size of 64 MB, a description field, a comments field, a category dropdown, and a contributor text box. A "Submit File" button is located at the bottom of the form.

Each contribution is reviewed and posted by a Wiki Administrator

HTTP://GCDAMP.COM

Wiki Lead: Craig Ellsworth (WAPA)

Wiki Administrators:

Vineetha Kartha (ADWR)

Peggy Roefer (CRC-Nevada)

Technical support:

Joe Dabrowski (CRC-Nevada)

Host: www.hostgator.com

Storage: Unlimited

Wiki Custodian: Colorado River Commission of Nevada

Cost: \$250 / 2 years (donated by CRC-Nevada)



http://gcdamp.com/index.php?title=GCDAMP_WIKI_Overview_Questions