

COLORADO RIVER RECOVERY PROGRAM
FY 2012 ANNUAL PROJECT REPORT

RECOVERY PROGRAM
PROJECT NUMBER: 156

- I. Project Title: 2012 High run-off aerial imagery processing (stitching).
- II. Bureau of Reclamation Agreement Number(s): This is a funding service agreement between Reclamation offices. There is no contract # per se, just a funding cost authority number that is referred to. X30-0594-0908-170-00-0-2

Project/Grant Period: Start date (Mo/Day/Yr): 01/01/2012
End date: (Mo/Day/Yr): 09/30/2013
Reporting period end date: 11/30/2012
Is this the final report? Yes _____ No X

III. Principal Investigator(s):
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- IV. Abstract:

The goal of this work is to follow up with the processing of the high-resolution digital photography captured during the 2011 high flow period in the Upper Colorado River Basin. Project goal is to perform unregistered photo frame stitching of all the digital imagery flown in 2011, approx 355 miles. This includes Colorado, Yampa, Green, Gunnison, White, plus 2 short segments of Elkhead Creek and Green through Moab, UT.

- V. Study Schedule: 2012 - 2013

- VI. Relationship to RIPRAP: General Recovery Program Support Action Plan – I, II, V

- VII. Accomplishment of FY 2012 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

All imagery individual frames were placed on a web site for viewing and downloading. <http://upperbasinphotos.com/index.html> Stitched segments will be posted as available. The resampled, posted images provide good resolution without excessive loading time. Difficulty in locating the exact location of a particular image is a shortcoming that needs to be addressed before the completion of the project.

- VIII. Recommendations: None.
- IX. Project Status: On track and ongoing.
- X. FY 2012 Budget Status
- A. Funds Provided: **\$14,385**
 - B. Funds Expended: \$3000.00
 - C. Difference: Ongoing work
 - D. Percent of the FY 2012 work completed, and projected costs to complete: 21% - \$11,385 to complete..
 - E. Recovery Program funds spent for publication charges: \$0.00
- XI. Status of Data Submission (Where applicable): At this point no data have been submitted to the DB manager. Upon project completion, metadata will be included and digital files submitted.
- XII. Signed: Bill Goettlicher Date: 11/13/2012
Principal Investigator