

2008 High Flow Experiment

U.S. Department of the Interior
National Park Service

Grand Canyon National Park



Grand Canyon National Park - Observations and Monitoring Results



Steve Martin, GCNP Superintendent near Espejo Creek (RM 68)

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Sam Spiller, USFWS -- decked out and ready to launch

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DOI Agency HFE Trip (41,500 cfs)

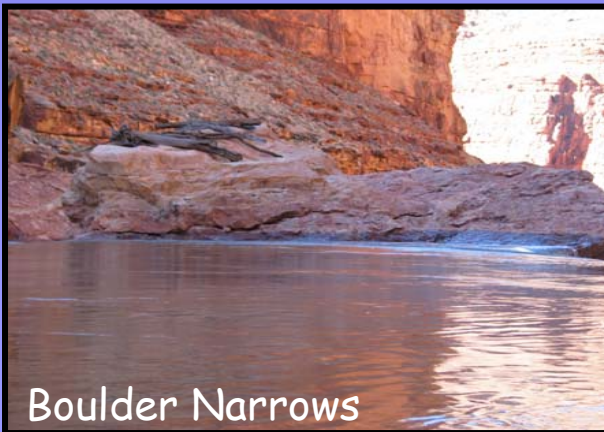
Redwall Cavern



24 $\frac{1}{2}$ mile



Boulder Narrows



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Nevills Inscription (RM 12.2L)



June 2006 (13,000 cfs)



March 2008 (41,000 cfs)

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Nevills Inscription (RM 12.2L)



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2004



Silver Grotto (RM 29.3L)

August, 2006



April, 2008



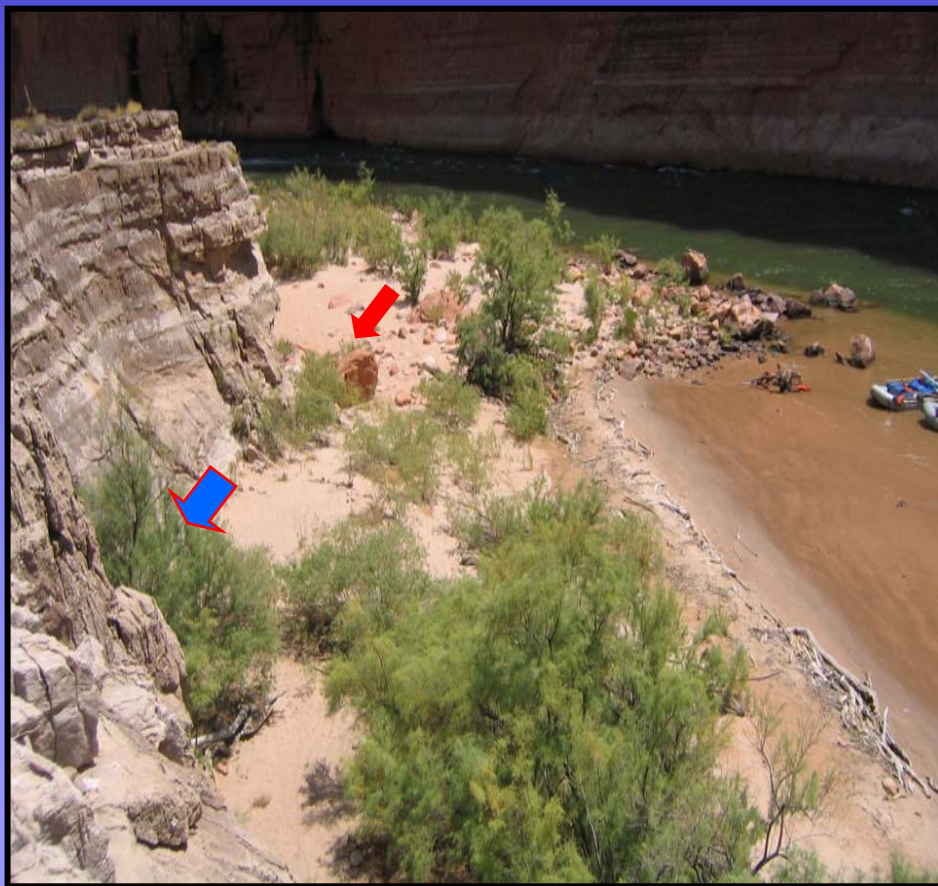
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South Canyon (RM 31.5R)



August 2007 (~10,000 cfs)



March 2008 (41,000 cfs)

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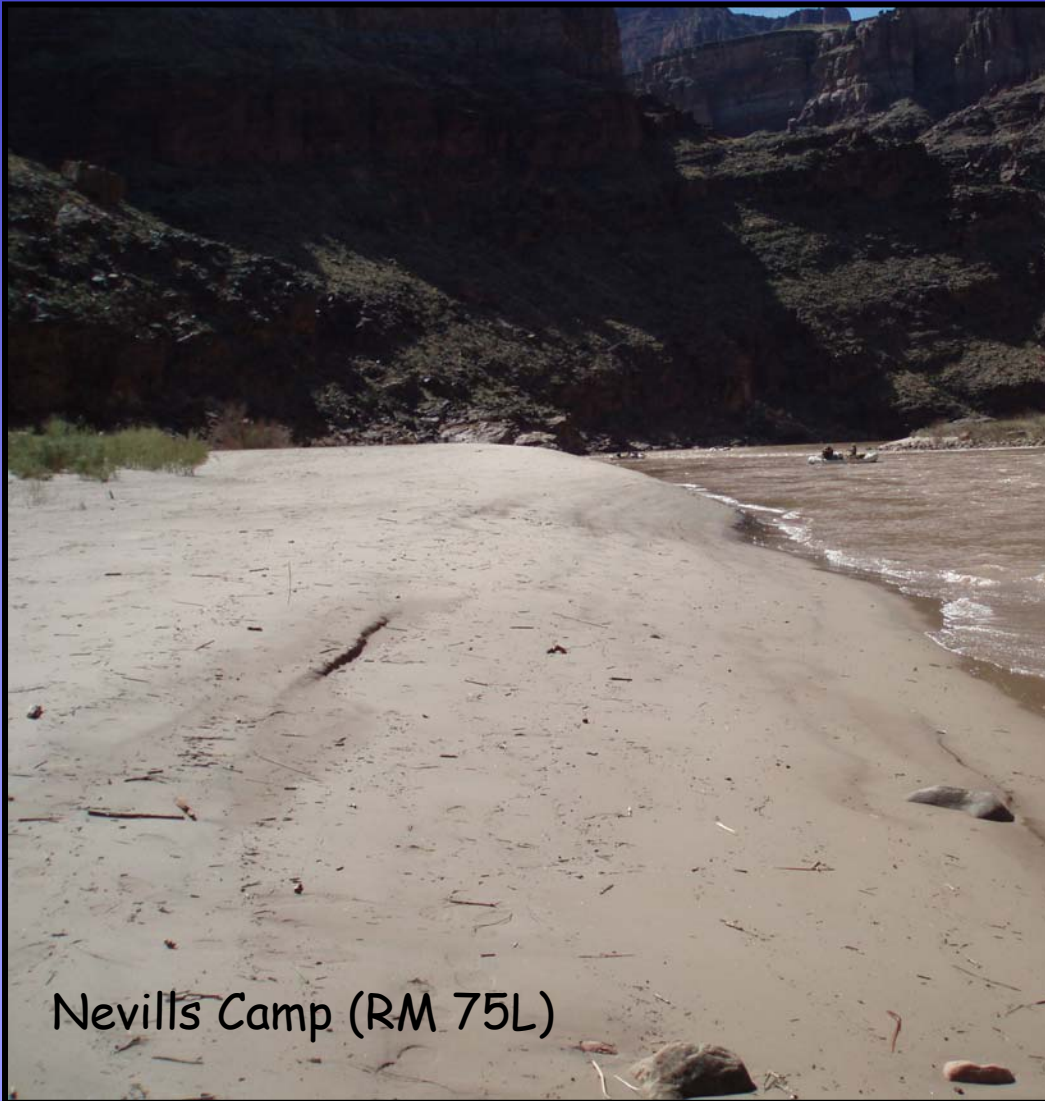
Creation of Backwaters & Sandbars



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Near Espejo Creek (RM 68R)

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Lower Redwall



Lava-Chuar

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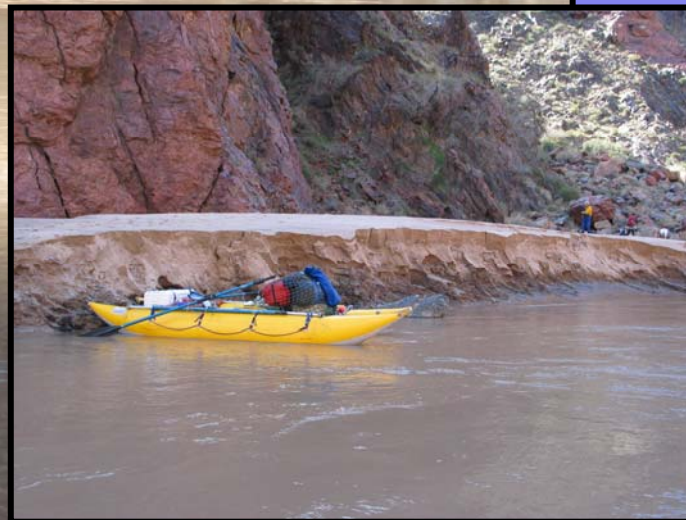
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Grapevine (RM 81.7L)

Post-HFE Flow, March 2008



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Clear Creek (RM 84R)



April 2007 (~10,000 cfs)
Pre-HFE Flow



March 2008 (~10,000 cfs)
Post-HFE Flow

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Zoroaster (RM 84.4L)

1996



Sept 2007 (~10,000 cfs)

Pre-HFE Flow



March 2008 (~10,000 cfs)

Post-HFE Flow

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Stone Creek (RM 132R)



2007



April, 2008

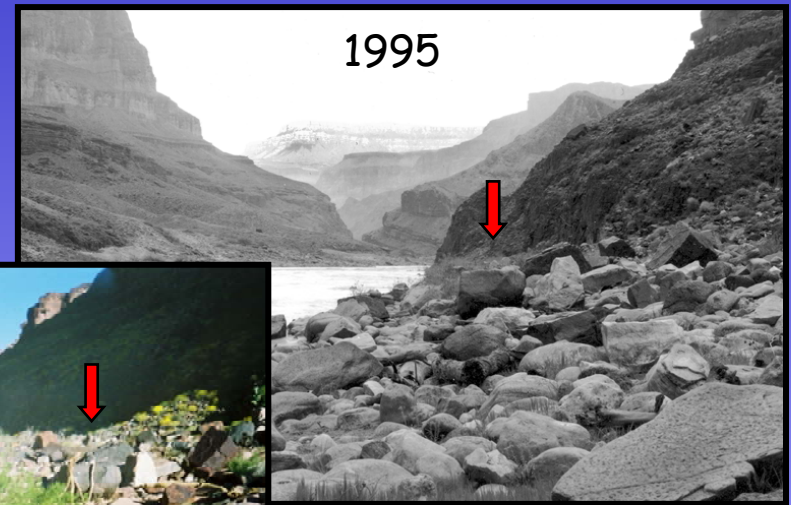
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Lower Tapeats Camp (RM 133.7R)



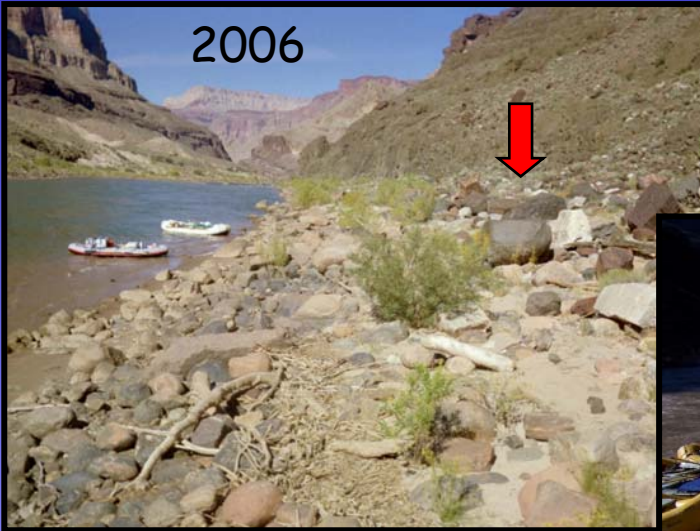
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2006



Lower Tapeats (RM 133.7R)



March 2008



April 2008

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Below Phantom (RM 89.5R)

May 16, 2008



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Last Chance Camp (RM 156R) is back...



And so is Olo Camp! (RM 145.5L)

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