

RECLAMATION

Managing Water in the West

Snowpack and Reservoir Operations



U.S. Department of the Interior
Bureau of Reclamation

Snowpack

- Gunnison Basin – 115% of Average
- Colorado Basin – 118% of Average
- Dust on Snow Events
 - Center for Snow and Avalanche Studies
 - 12 Events in Southwest Colorado
 - Causes Early Runoff

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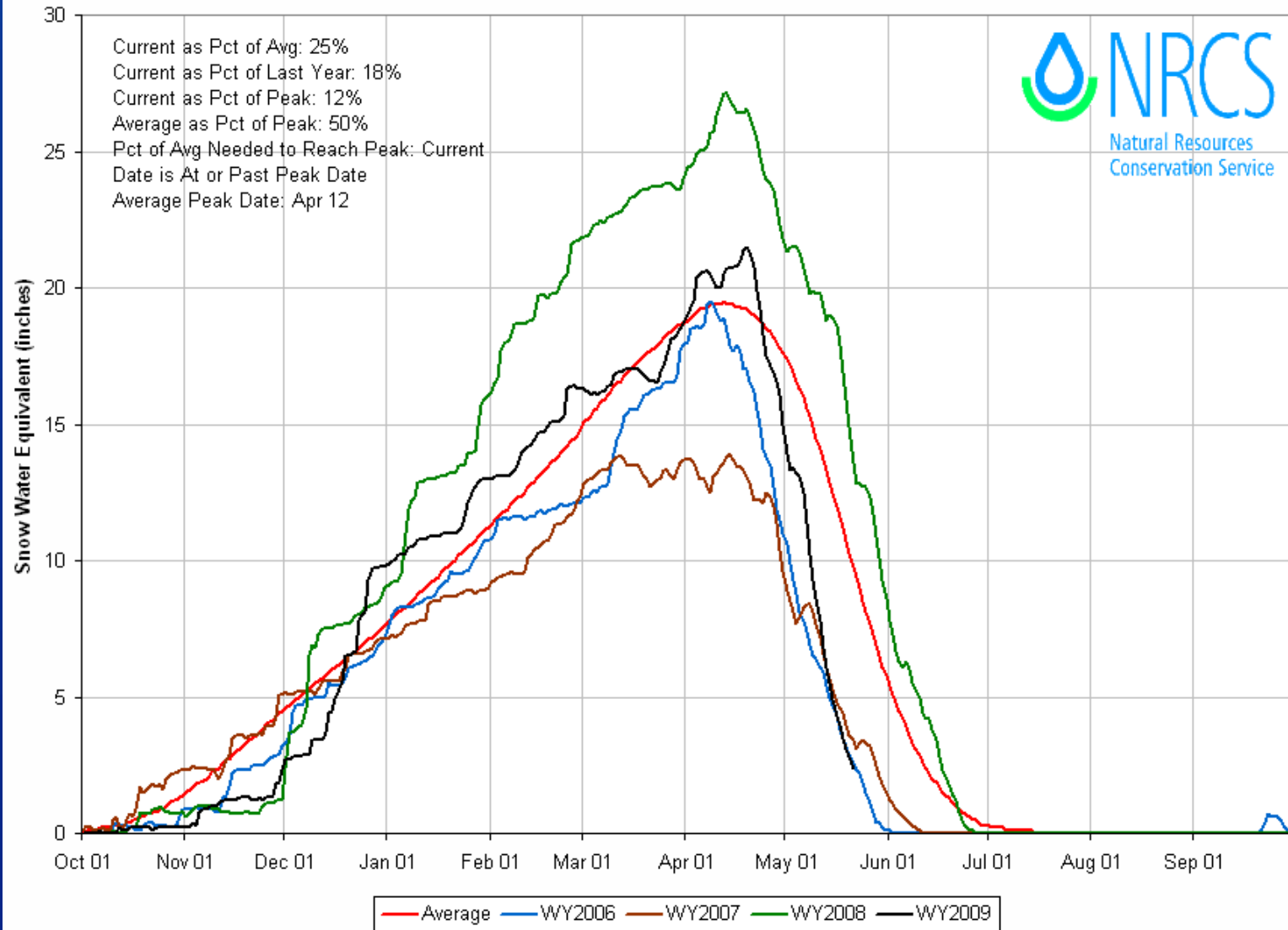


Telluride Valley – May 2009

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Gunnison River Basin Time Series Snowpack Summary

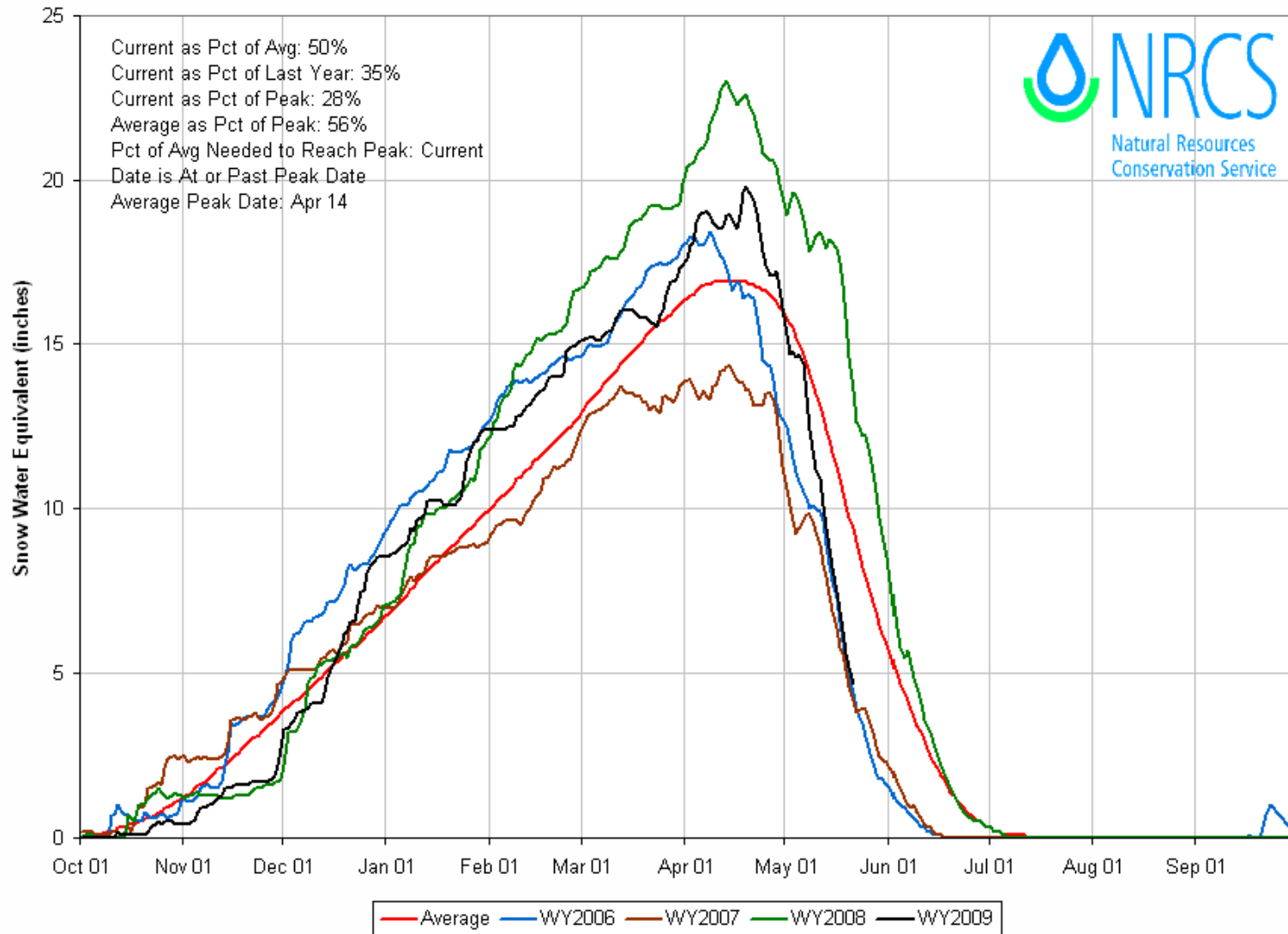
Based on Provisional SNOTEL data as of May 21, 2009



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Upper Colorado River Basin Time Series Snowpack Summary

Based on Provisional SNOTEL data as of May 21, 2009



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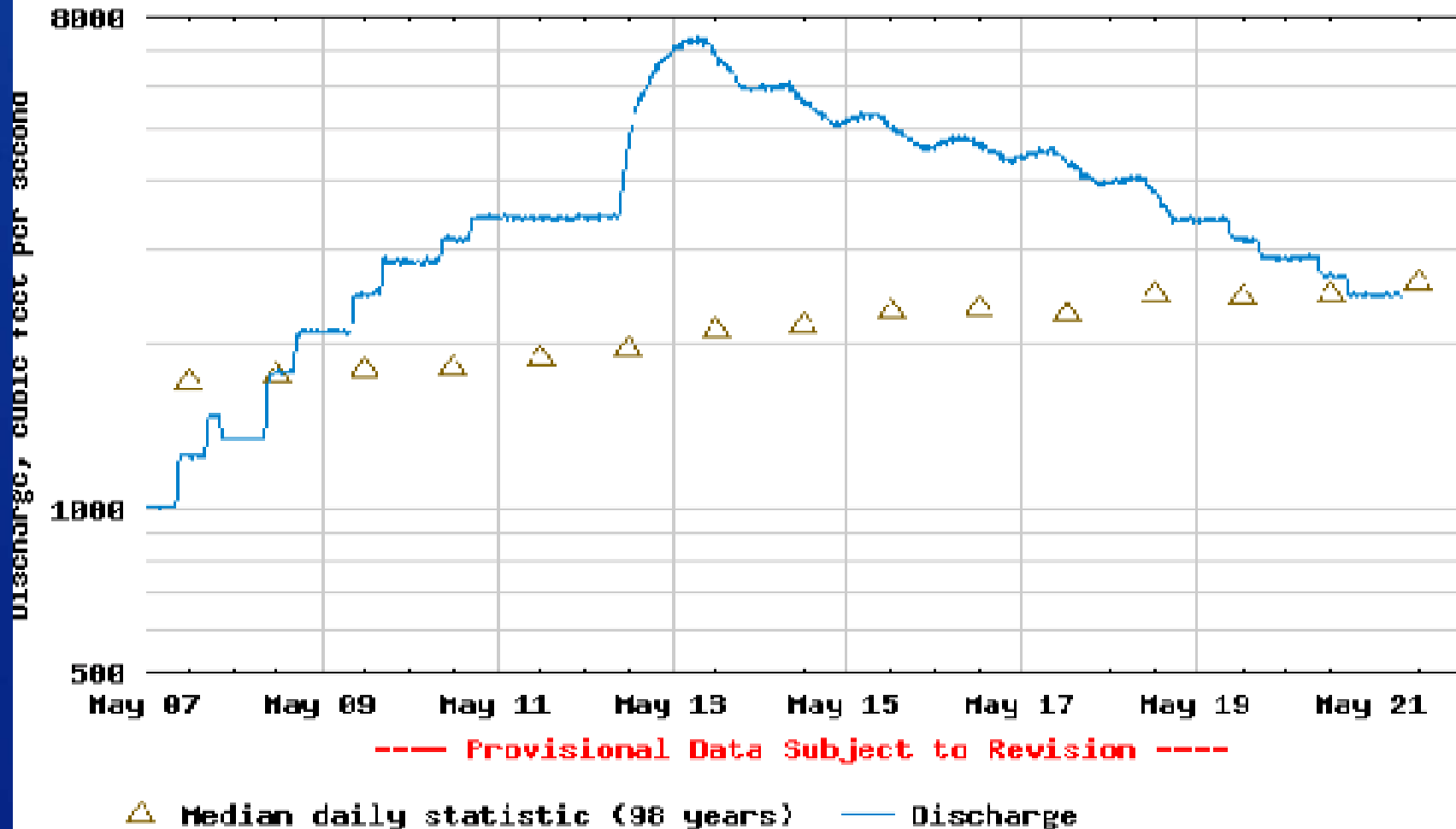
Gunnison River Operations

- 690,000 ac-ft Projected Inflow to Blue Mesa (April – July Forecast, 96% of Average)
- Gunnison Basin Reservoirs will Fill
- Black Canyon National Park Water Right
 - 300 cfs Minimum
 - 5,864 cfs Peak
 - 650 cfs 85 Day “Shoulder” Flow

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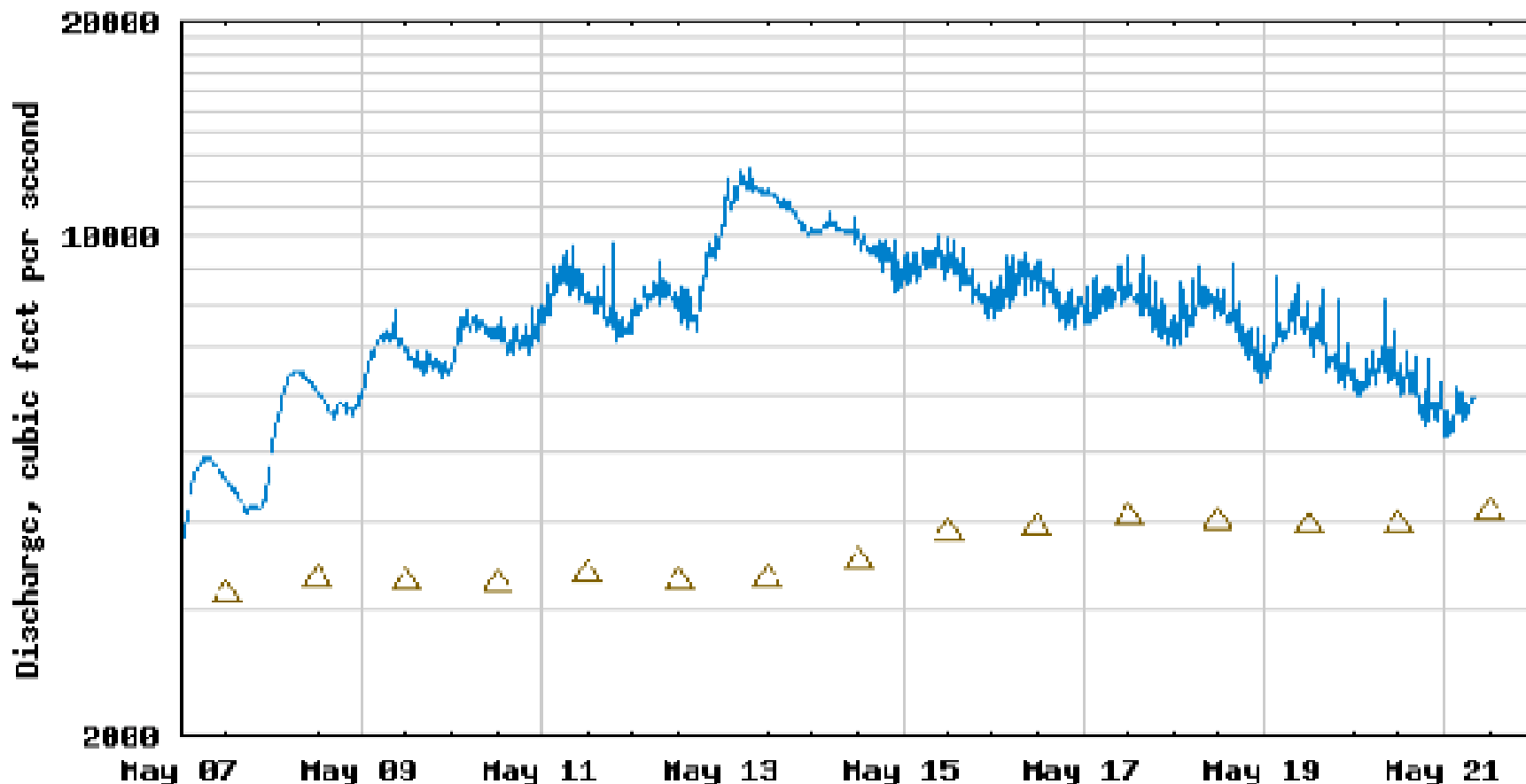


USGS 09128000 GUNNISON RIVER BELOW GUNNISON TUNNEL, CO



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USGS 09144250 GUNNISON RIVER AT DELTA, CO.



---- Provisional Data Subject to Revision ----

△ Median daily statistic (32 years) — Discharge



USGS 09152500 GUNNISON RIVER NEAR GRAND JUNCTION, CO.



---- Provisional Data Subject to Revision ----

- △ Median daily statistic (100 years)
- * Measured discharge
- Discharge

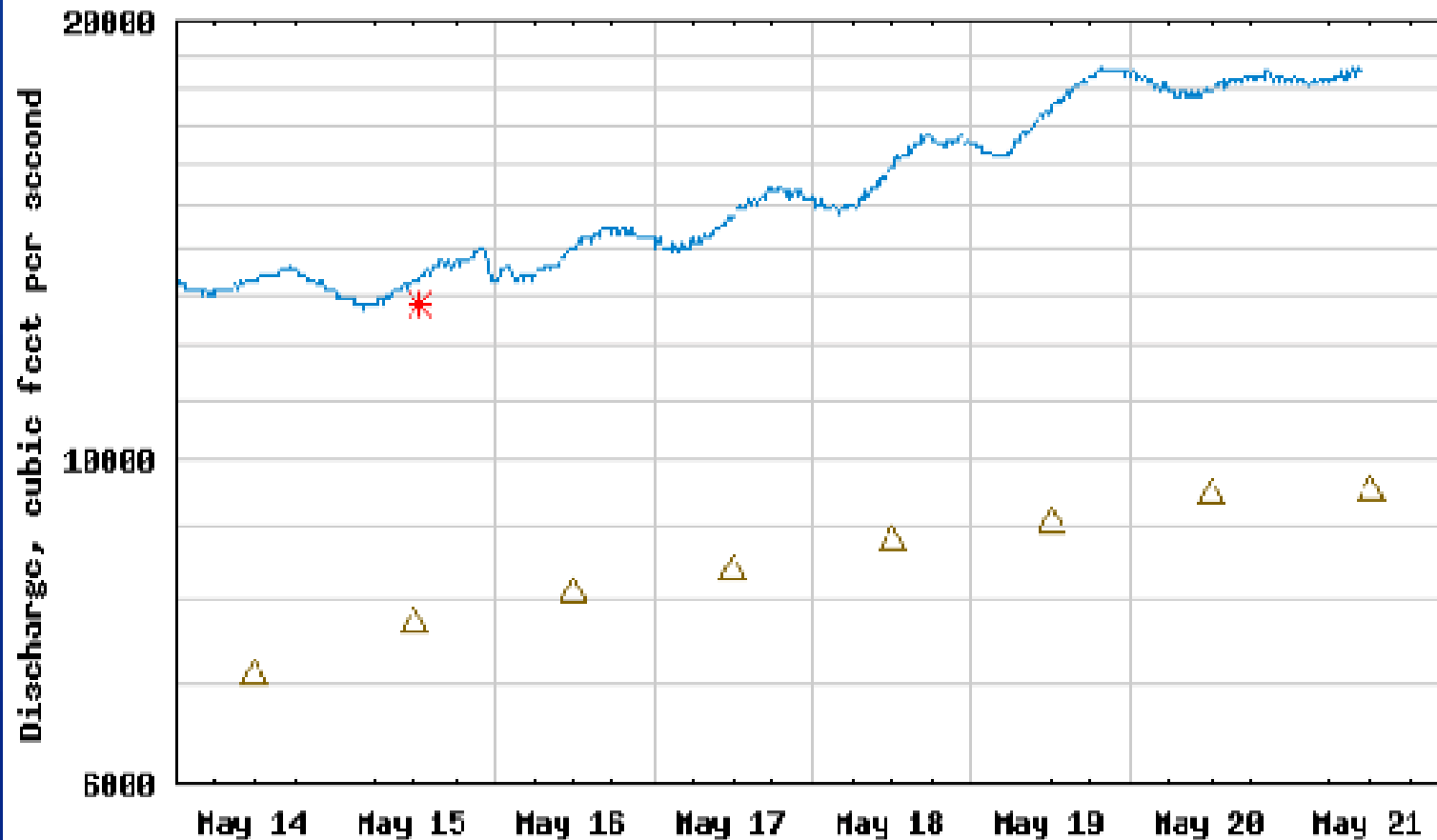
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Colorado River Operations

- Snowpack at or Above Average
- Green Mountain Reservoir will Fill
- Coordinated Reservoir Operations
 - Enhances Peak for Endangered Fish
 - By-passes water that would otherwise spill
 - Tight Control of Reservoirs
 - 2009 Peak – 20,000 cfs (2008 Peak 22,500 cfs)

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USGS 09095500 COLORADO RIVER NEAR CANEO, CO.



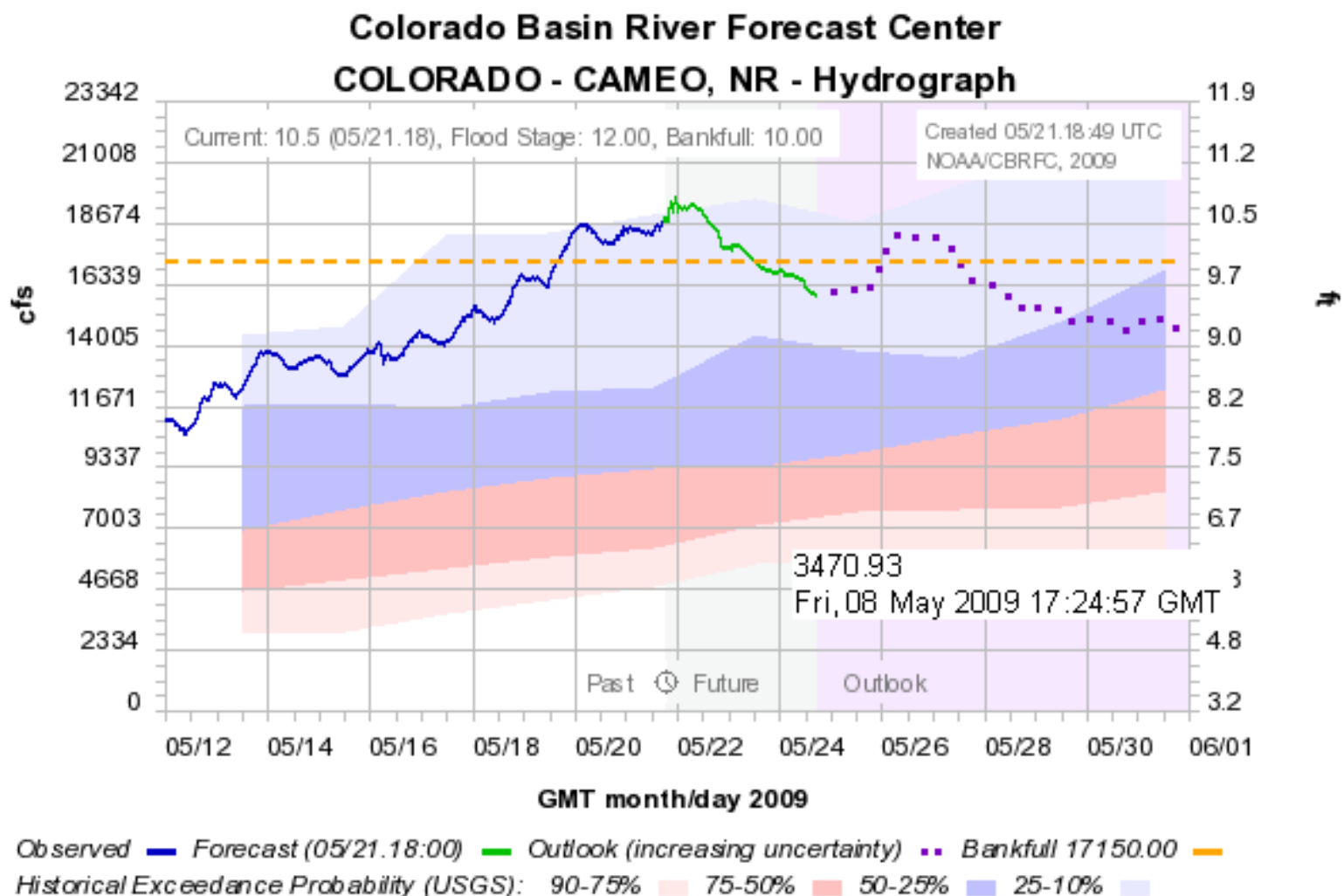
---- Provisional Data Subject to Revision ----

- △ Median daily statistic (75 years)
- * Measured discharge
- Discharge

COLORADO - CAMEO, NR (CAMC2)

Forecasts are guidance only. [Click here](#) for official warnings and forecasts.

View station on [Satellite Map](#) or [Download KML](#). **NEW!**



Lake Powell

- 7.1 Million Ac-Ft
(April – July Forecasted Inflow)
- 90% of Average Inflow
- Peak Elev. 3,641 ft. – 2009
– Elev. 3,633 ft. – 2008
- Coordinated Operations - Lake Powell and Lake Mead
– Total Glen Canyon 2009 Release – 8.23 mil Ac-Ft

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Questions



Crystal Spill – May 14th, 2009

Total Release 5,400 cfs; Spill 1,200 cfs

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