

Refuge Stage Update

Jan-Apr 2010

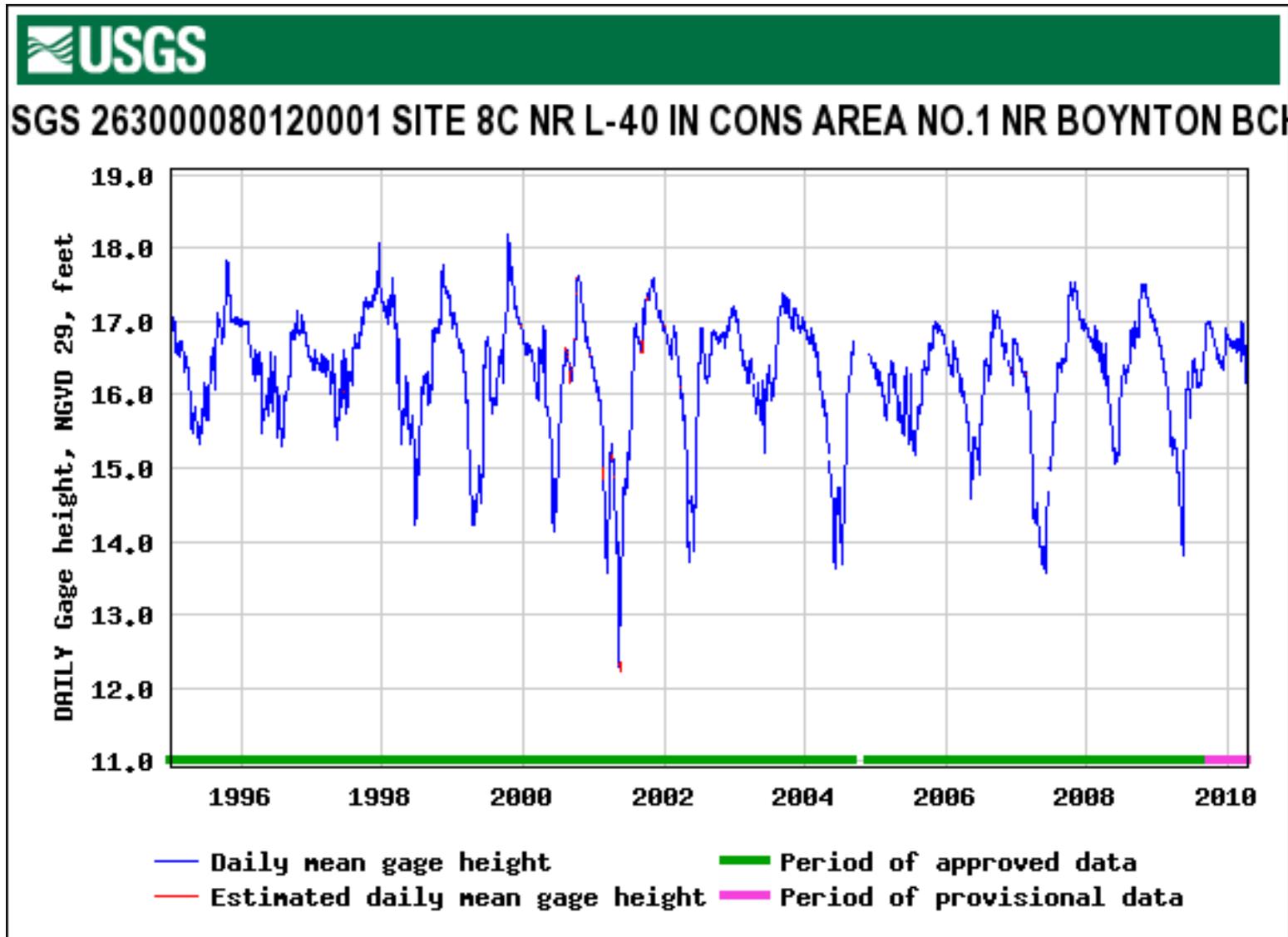
Presented April 20, 2010
(Prepared April 15, 2010)

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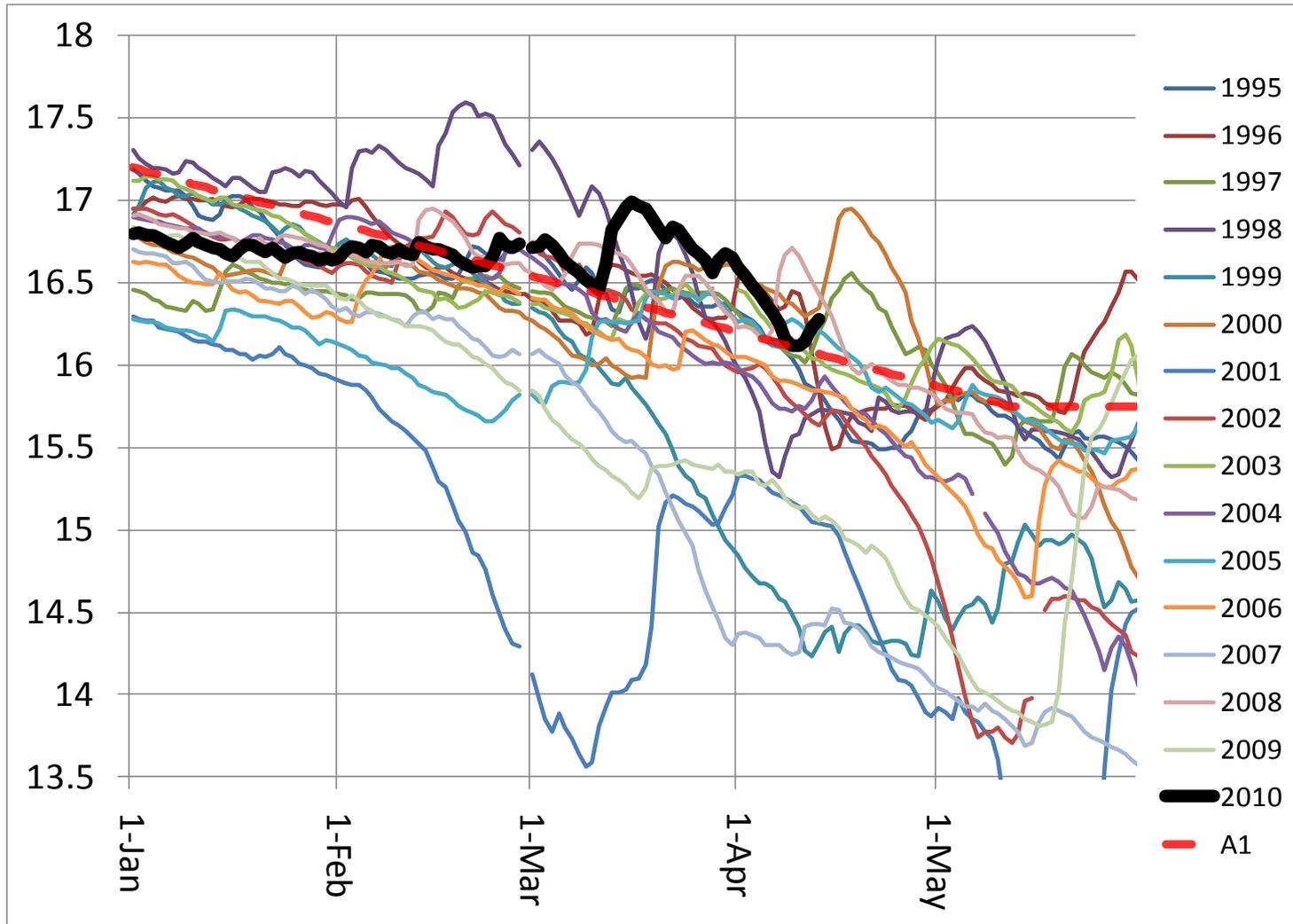
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USGS Plot – Stage at 1-8C ft NGVD 1/1995 - 4/2010



1-8C (L-40 Canal) Stage (ft NGVD)



Refuge Stage Jan-Apr 2010

- In January near median stage since RS revision in 1995
- It has been a rainy dry season
- Entered Zone A1 (mandatory release) in late Feb
- Intense rain in mid Mar led to a large reversal
- This reversal may have caused abandonment or mortality in nests of some bird species, and WQ impacts
- At this time we continue in Zone A1, with marsh at higher stage than canal, and regulatory release via S-10D
- Stage may remain near the Zone A1 floor for some months, little likelihood of low dry-season water