

One-month Stress Periods

ESHMC 6 March 2008

B. Contor

Two questions:

- What is a month?
- When do we stop?

What is a month?

**Bryce's preference: Uniform
30.4375-day periods ($365.25/12$)**

- Blunders are less likely
- More efficient processing
- Errors are small
 - 1% to 2% in “big water” months
 - 6% to 9% in February (low recharge & disch)



courtesy David Hibbert

What is a month?

**Alternative: Use actual calendar length
(31, 29, 30, 31, 30, 31, 31, 30 ...)**



- Nominally "more correct"

Other brilliant Ideas?



When do we stop?

- 30 April 2006
 - + nearly all "real" data
- 30 April 2008
 - + if there is going to be a mass measurement, we get to use it
 - many estimated & synthesized values in the last 18 to 24 months

Either way, IWRRRI will gather the most recent available data

