Hydrol. Earth Syst. Sci. Discuss., 10, C8251–C8256, 2014 www.hydrol-earth-syst-sci-discuss.net/10/C8251/2014/

© Author(s) 2014. This work is distributed under the Creative Commons Attribute 3.0 License.



### **HESSD**

10, C8251-C8256, 2014

Interactive Comment

# Interactive comment on "Evaluation of Mekong River Commission operational flood forecasts, 2000–2012" by T. C. Pagano

### T. Pagano

climatron@gmail.com

Received and published: 22 March 2014

The attached files contain the revised manuscript

Please also note the supplement to this comment: http://www.hydrol-earth-syst-sci-discuss.net/10/C8251/2014/hessd-10-C8251-2014-supplement.pdf

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 14433, 2013.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion



**Fig. 1.** Map of forecast locations (black circles). The river channel, significant water bodies and basin boundary are shown in grey outline.

10, C8251-C8256, 2014

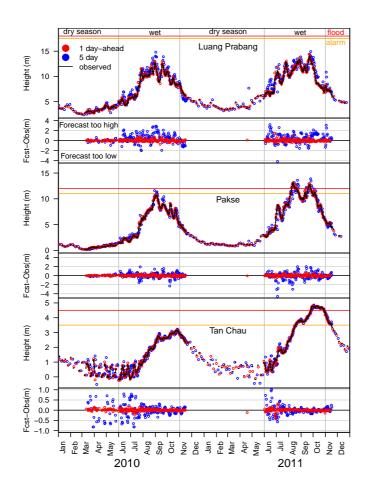
Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion





**Fig. 2.** Time series of river height observations (black lines) and forecasts (colored dots) for Luang Prabang (top), Pakse (middle) and Tan Chau (bottom) for 2010-2011.

10, C8251-C8256, 2014

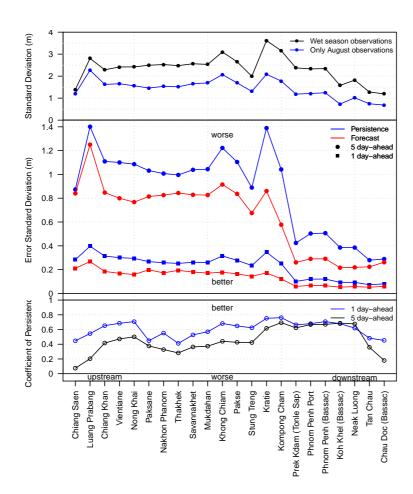
Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion





**Fig. 3.** Error standard deviation (middle) and Coefficient of Persistence (bottom) for locations upstream (left) to downstream (right) for wet-season forecasts from 2000-2012.

10, C8251-C8256, 2014

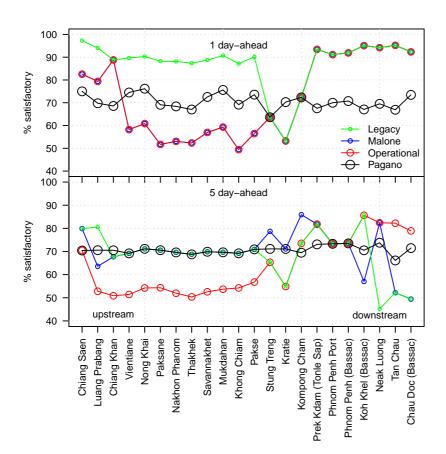
Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion





**Fig. 4.** Percentage Satisfactory for 1 (top) and 5 (bottom) day-ahead wet-season forecasts by location.

10, C8251-C8256, 2014

Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion



# 85 80 All leadtimes 75 Copyrights 70 Legacy Pagano Malone Operational 60

2006

2002

2004

**Fig. 5.** Percentage Satisfactory for all lead-times and locations for each year (x-axis) using four different benchmarks.

Year

2008

2010

2012

### **HESSD**

10, C8251-C8256, 2014

Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

