

Barbara Byrne

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Subject: Stan. River Temp. Outlook
Attachments: StanR_Max6hrWT_2010_Jul.pdf; StanR_Max6hrWT_2010_Jul.pdf

Greetings:

Attached is the July through December temperature outlook for Orange Blossom Bridge and Knights Ferry.

Here are some factors to consider while examining this data:

It is difficult to determine, with certainty, the magnitude or duration of actual temperature exceedence because of the limitations of meteorological forecasts. Accuracy of meteorological forecasts degrade after approximately five days or less. This simulation uses a historical meteorological trace from year 2004. The output is reported as the maximum mean six hour temperature, not the seven-day average daily average. This information should be used cautiously, it is not the past or a forecast of future meteorological conditions; the inputs, assumptions, and model have limitations which affect the accuracy of the output. However, estimates of future temperature performance can be inferred from model simulations. Reservoir temperature profiles and storages from July 14, 2010 were used as initial conditions to generate these results.

Please let me know if you have any questions or comments.

-Randi

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**Preliminary - Stanislaus River - 2010
Jul 90%-Exceedence Outlook
Maximum Mean 6-Hour Temperature**

