

## Flows continue in Iowa. Feeding and Attrition.

Raspberry Hive, in Pella, Iowa gained over 37 lbs. in the last 16 days. Last week, the flow appeared to be over. But, after hard rains and slightly cooler temperatures, another flow appears to have started last week.

Two weeks ago, Green Goddess in Asheville, NC was steadily losing weight. Last week, the weight was almost flat, especially at night. Then, Saturday and Sunday the hive gained 3 pounds but still lost no weight at night, ruling out nectar or syrup. This weight gain could be robbing or pollen.

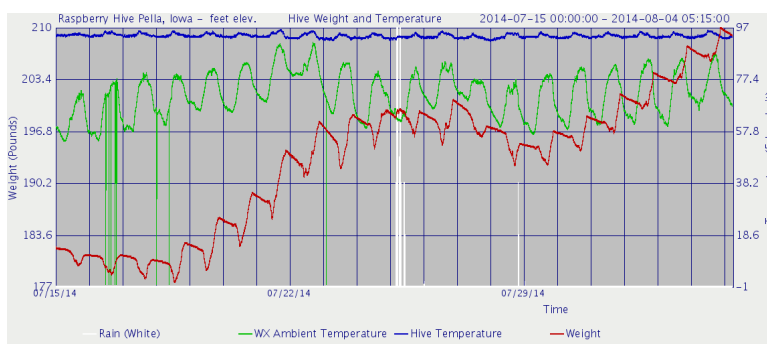
### Feeding.

Graphs 3 and 4 are both of GA003 in Athens, GA for the last three weeks. Graph 3 is the raw weight. On July 20<sup>th</sup>, a feeder board, 2 gallon bucket of feed, and a deep super over the bucket was added. On July 30<sup>th</sup>, the feeder was refilled.

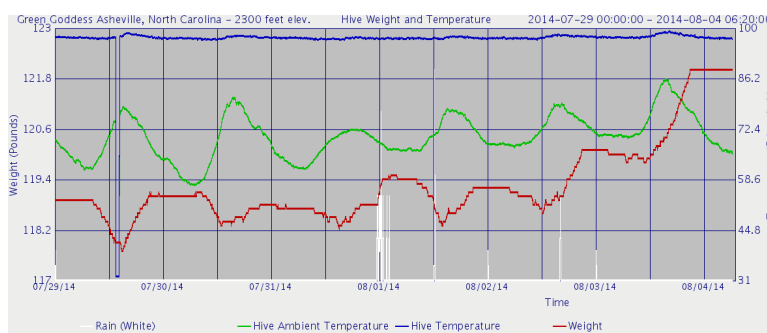
Graph 4 is of the same period with the NASA Weight Filter tuned on. The sudden increases due to adding equipment and feed are filtered out leaving only the evaporation losses and bee activity.

### Attrition.

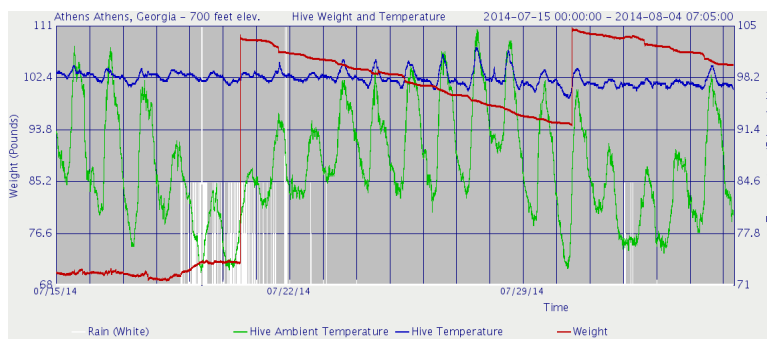
In addition to the evaporation losses, bees can be seen leaving the hive on warm, sunny days and apparently not coming back. This is probably normal attrition that is masked by weight gain if anything is coming in. This is seen in the spring and fall when there is a dearth of nectar and pollen.



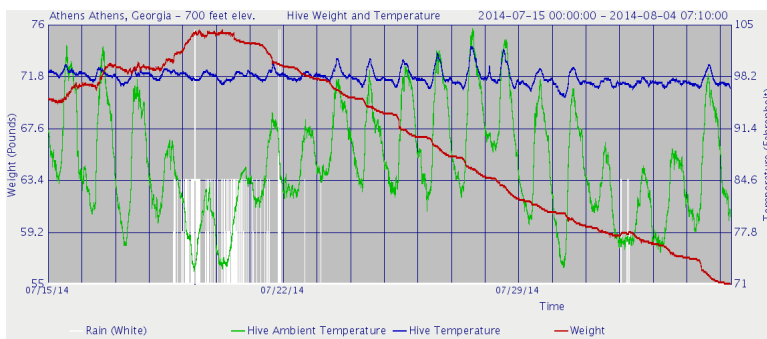
Graph 1: Raspberry Hive, Pella, Iowa last 21 days



Graph 2: Green Goddess, Asheville, NC Pollen or robbing?



Graph 3: GA003 Athens, GA 2 feedings RAW.



Graph 4: GA003 Athens, GA 2 feedings NASA weight filter.

**Don't hesitate to move the scale to a stronger hive should a colony go bad.**  
More scale hive management instructions are at <http://hivetool.net/management>