

## Flows continue in Northern California.

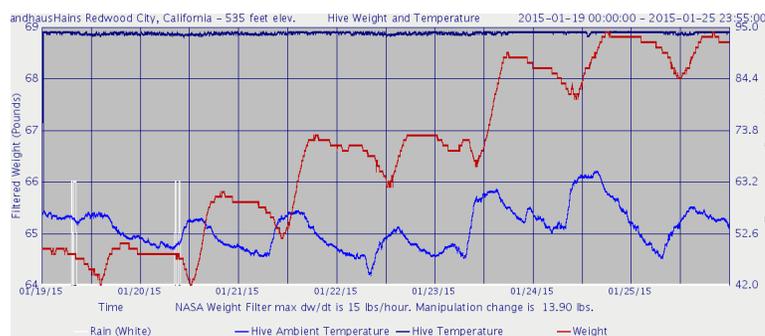
As the East Coast of the U.S., from New York to Maine, braces for a potentially historic blizzard that could dump up to 3 feet (90 cm) of snow on the region, nectar and pollen continues to flow in northern California.

Hive LandhausHains, in Redwood City gained 5 lbs (2.2 Kg) for the week in spite of starting off with two days of rain and several days of cooler temperature in the low to mid 50s °F (10°C). Bryan reports seeing a lot *Acacia baileyana* covered in puffy yellow flowers, but the pollen coming in is more *Eucalyptus*-like.

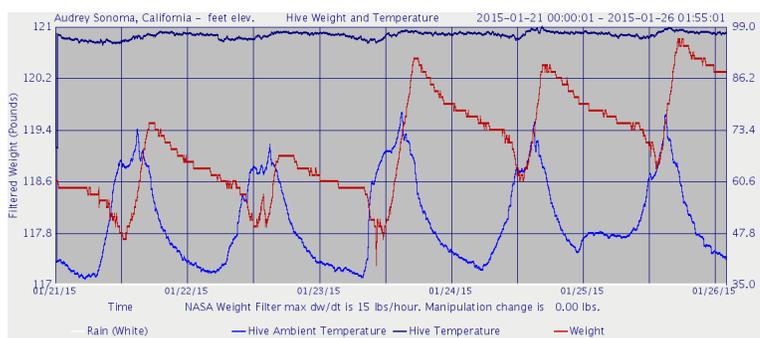
Hive Audrey, in Sonoma only gained about 2 lbs but had good daily gains with high evaporation rates. A double dip can be seen in the afternoon of the 22<sup>nd</sup>. The second dip in hive weight is probably due to orientation flights. Orientation flights are often masked by nectar flows. It is best seen on the 22<sup>nd</sup> when there was little nectar coming in. The .4 to .5 lb dip probably indicates a strong hive.

In the Southeast, the hives are building up. One sign of a hive building up is a weight increase due to the bees bringing in water to dilute honey to feed the brood.

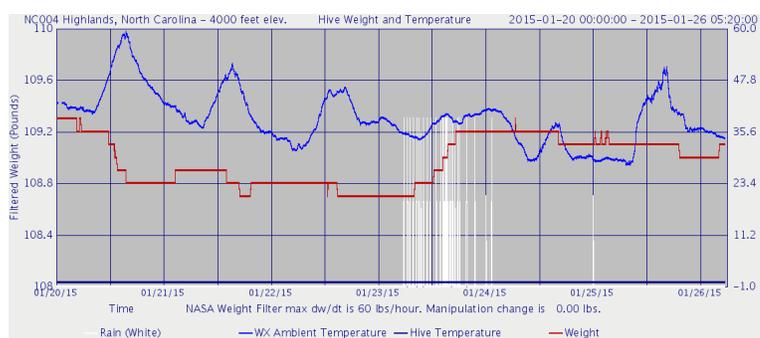
On a rainy January 23<sup>rd</sup>, hive NC004 at the Highland Biological Station gained .5 lb (.22Kg). See graph 3. This hive is located in a bee house and remains dry during rain storms. Also notice that the weight didn't drop back off after the rain. (An exposed hive will lose weight after a rain as the wooden ware dries out.)



Graph 1: Hive LandhausHains, Redwood City, California, USA



Graph 2: Hive Audrey, Sonoma, California USA



Graph 3: Hive NC004, Highlands, North Carolina, USA



Illustration 1: Bee house at Highlands Biological Station.



Illustration 2: NC004 with lid removed inside bee house.