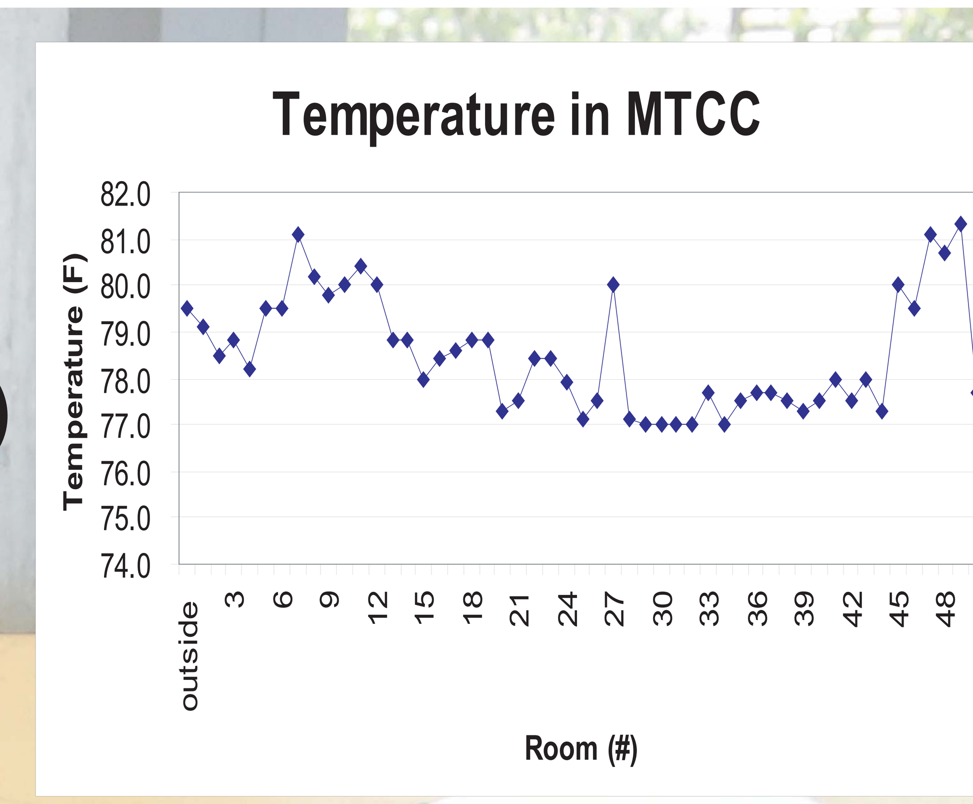
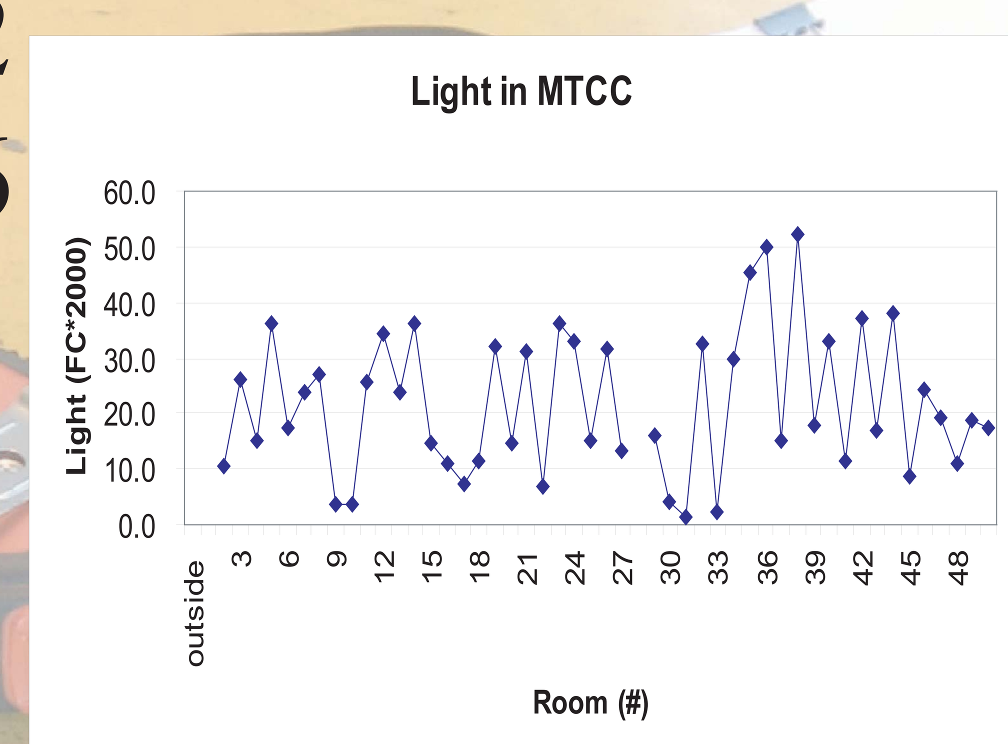
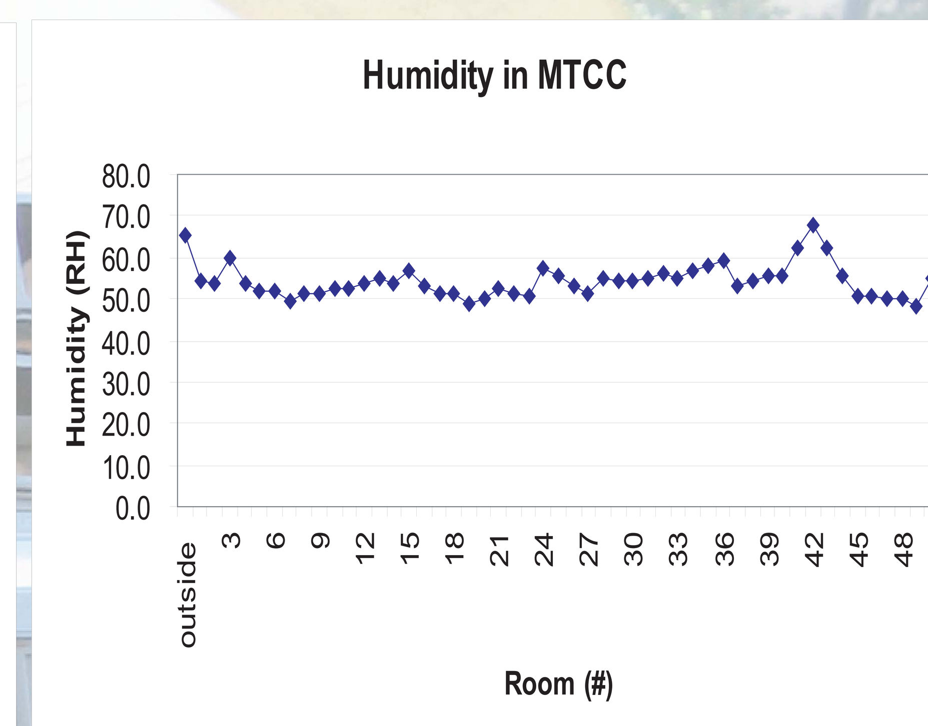
* Data considered as problems

MTCC 8:00 - 9:50 pm

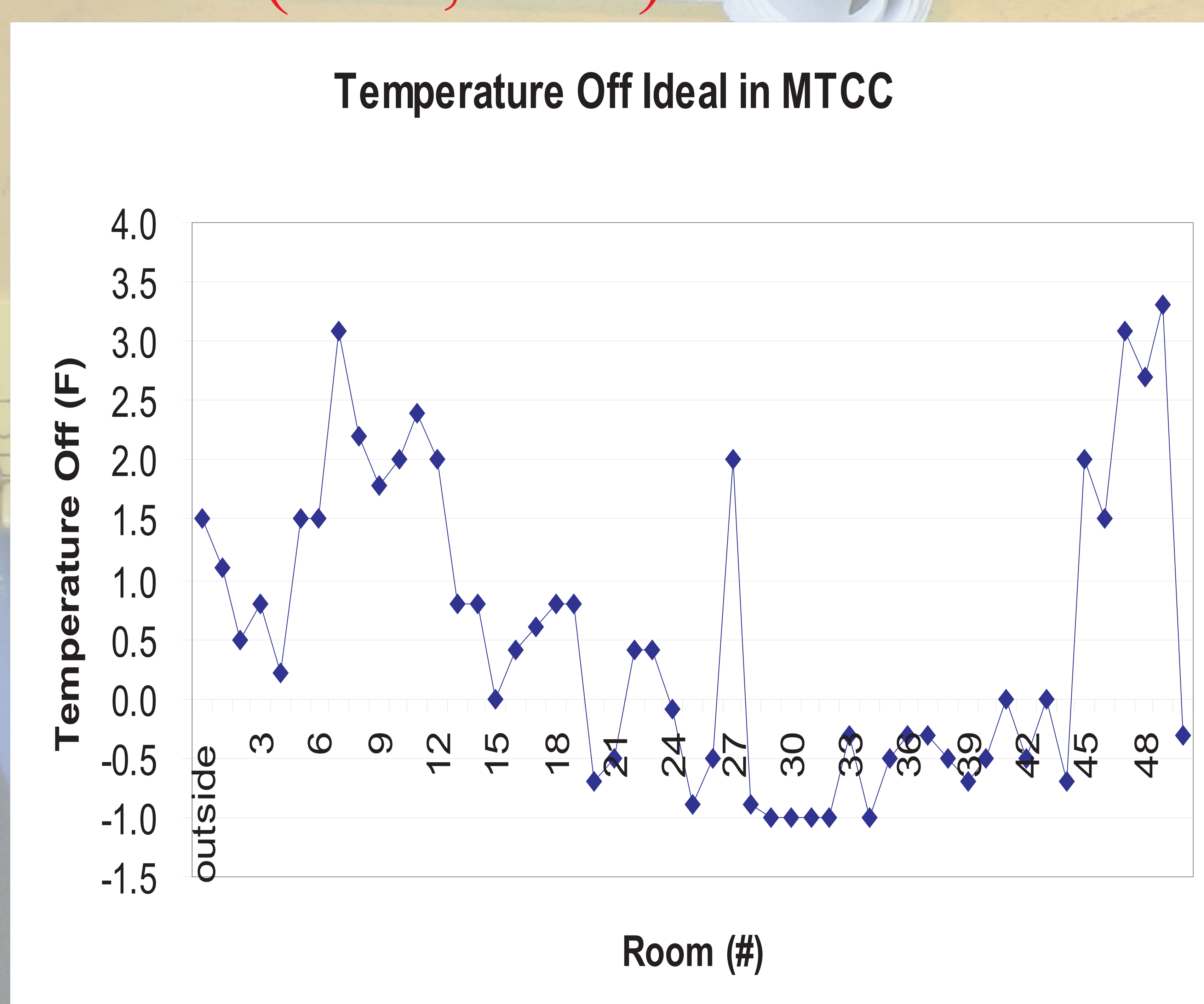
location	T(ºF)	H(RH)	L(FC*2000)
outside	79.5	65.5	
7	81.1	49.4	23.7
47	81.1	50.0	19.2
49	81.3	48.5	18.6

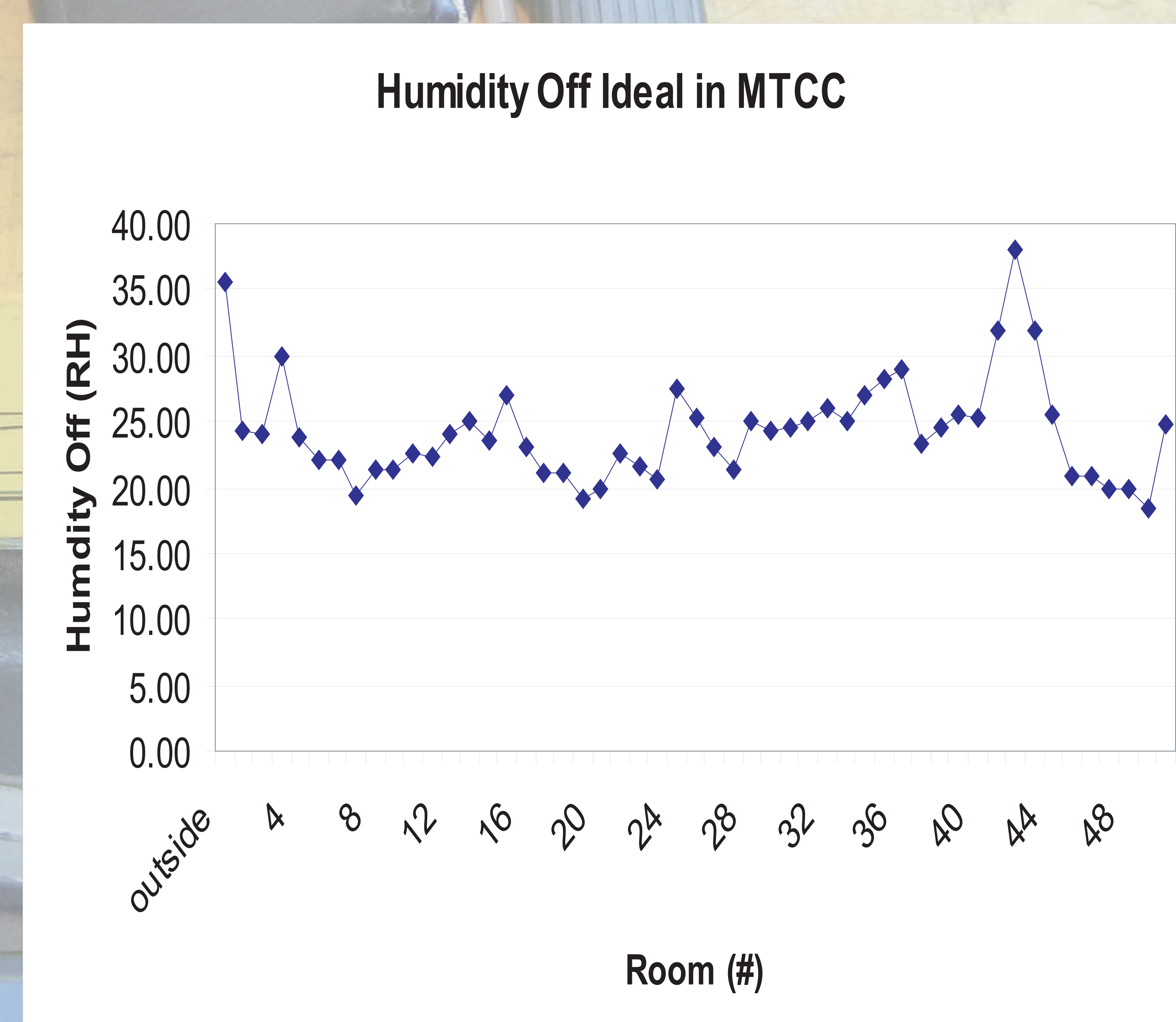






* Ideal (78ºF, 30%) vs Data





*Analysis

- Result:
  off by at least 3ºF
  off by at least 25%RH.
  very high temperature and humidity levels.

- Conclusion:
  MTCC has a lot of comissioning issues.

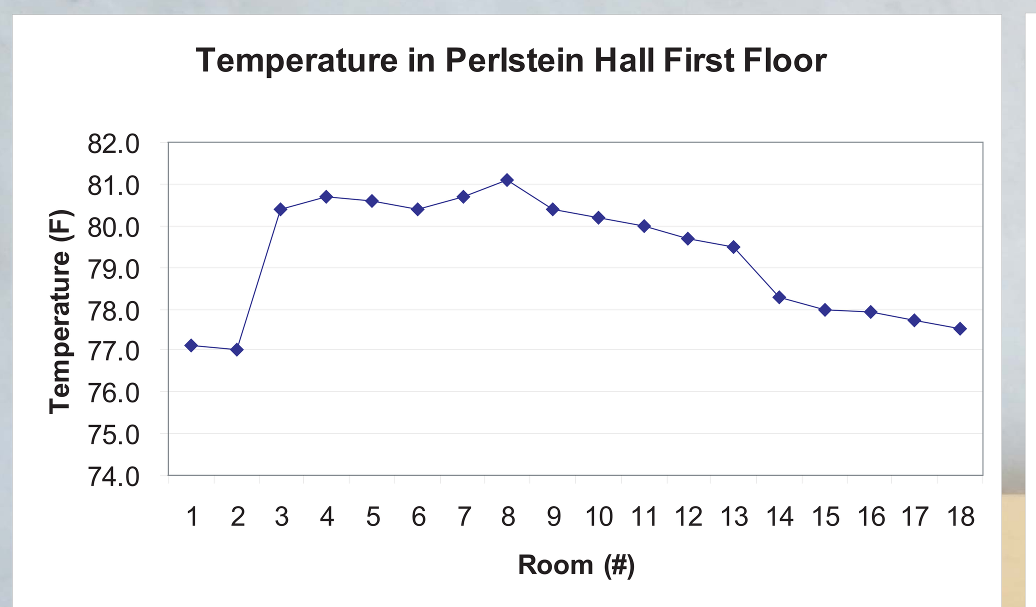
1. Temperature issues

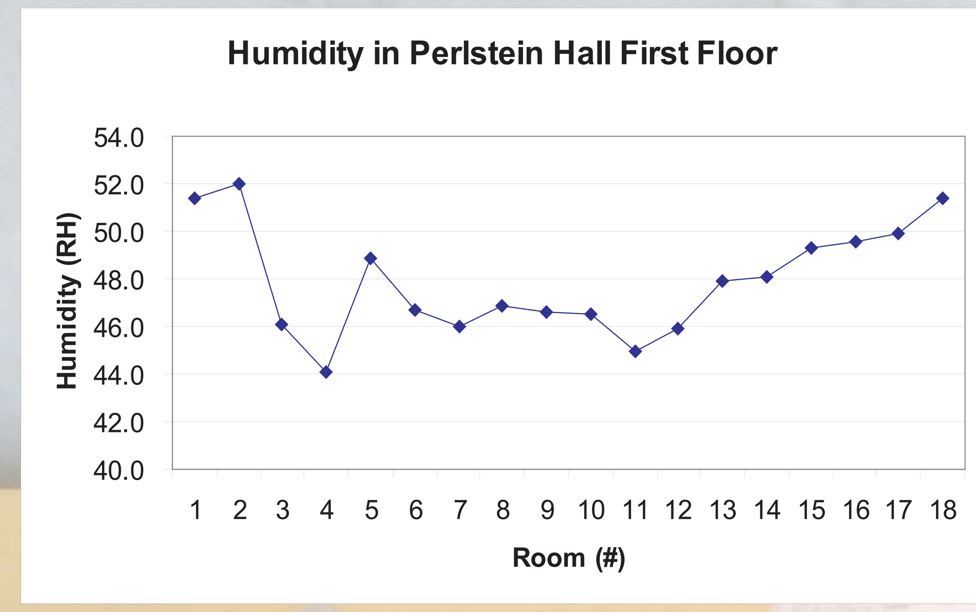
The locations # 7, 47and 49.
: south of the mailroom, and both ends of the main corridor north of the center court.

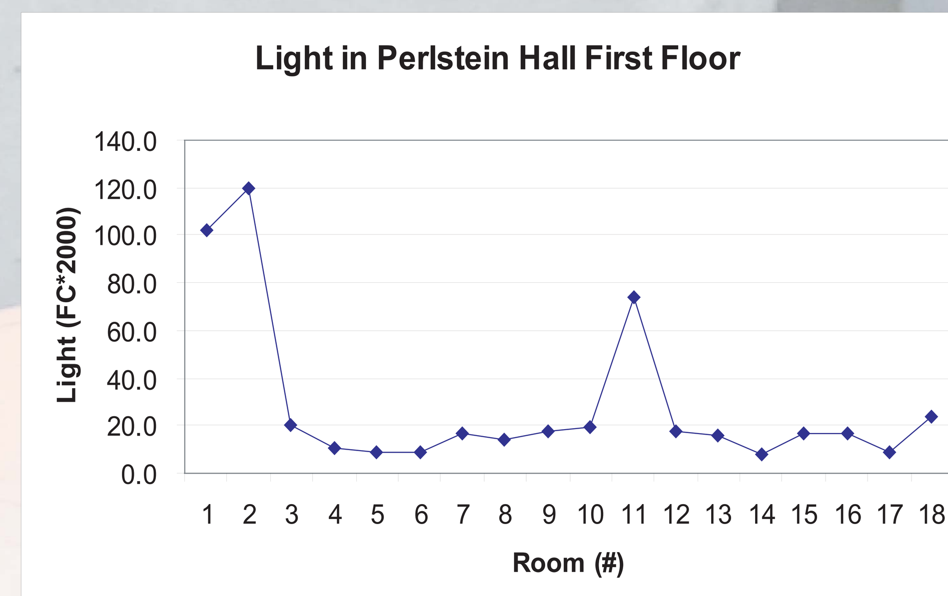
2. Humidity issues

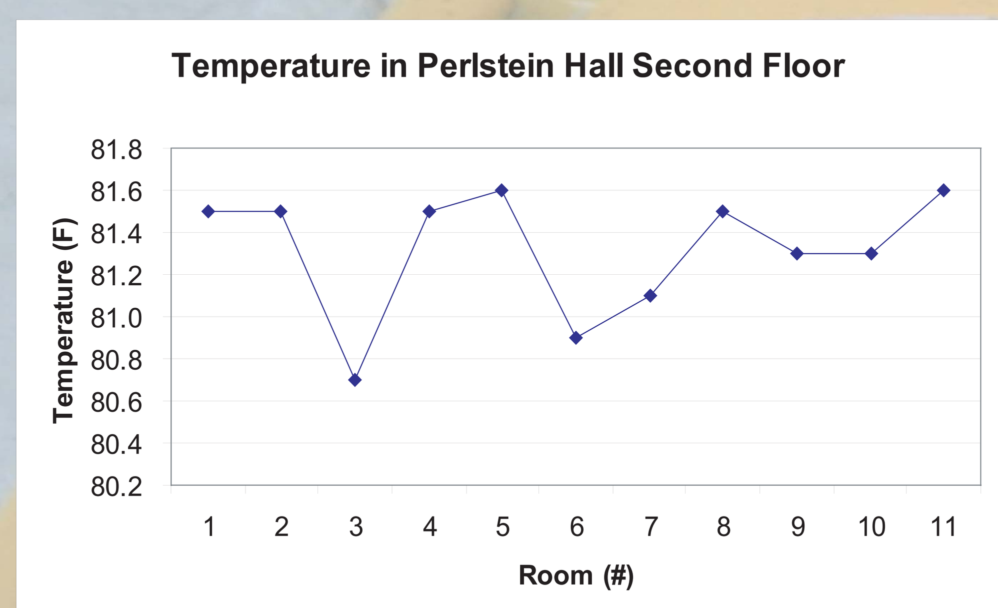
The west entrance, area around the main bathrooms, east entrance, café, and café seating

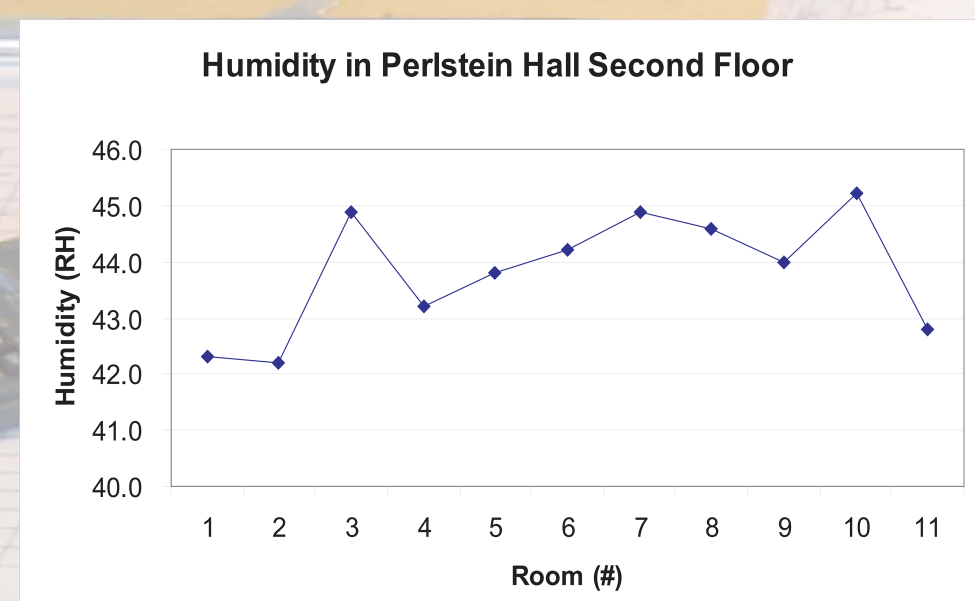
* Perlstein Hall Data

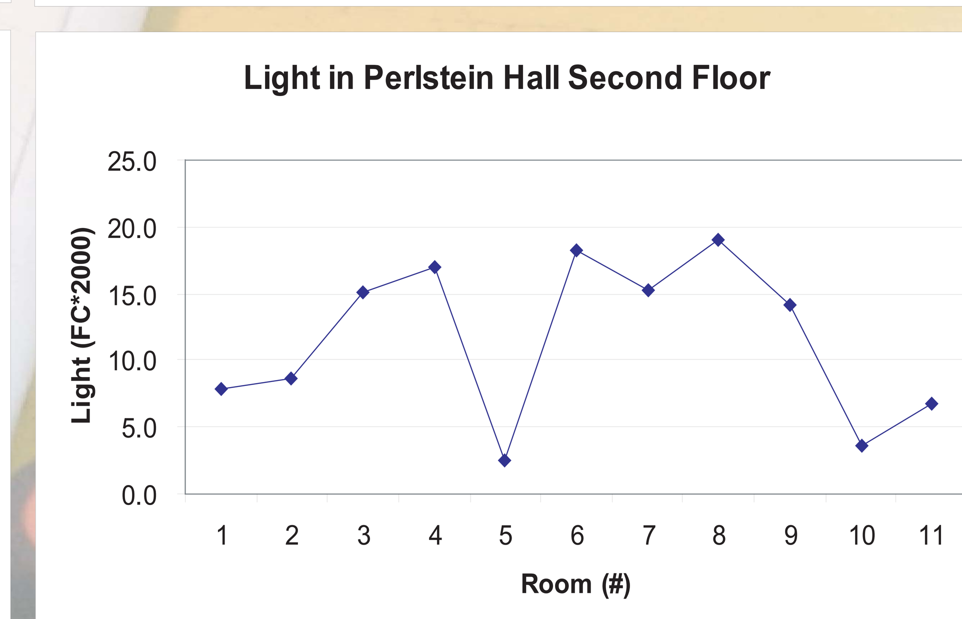




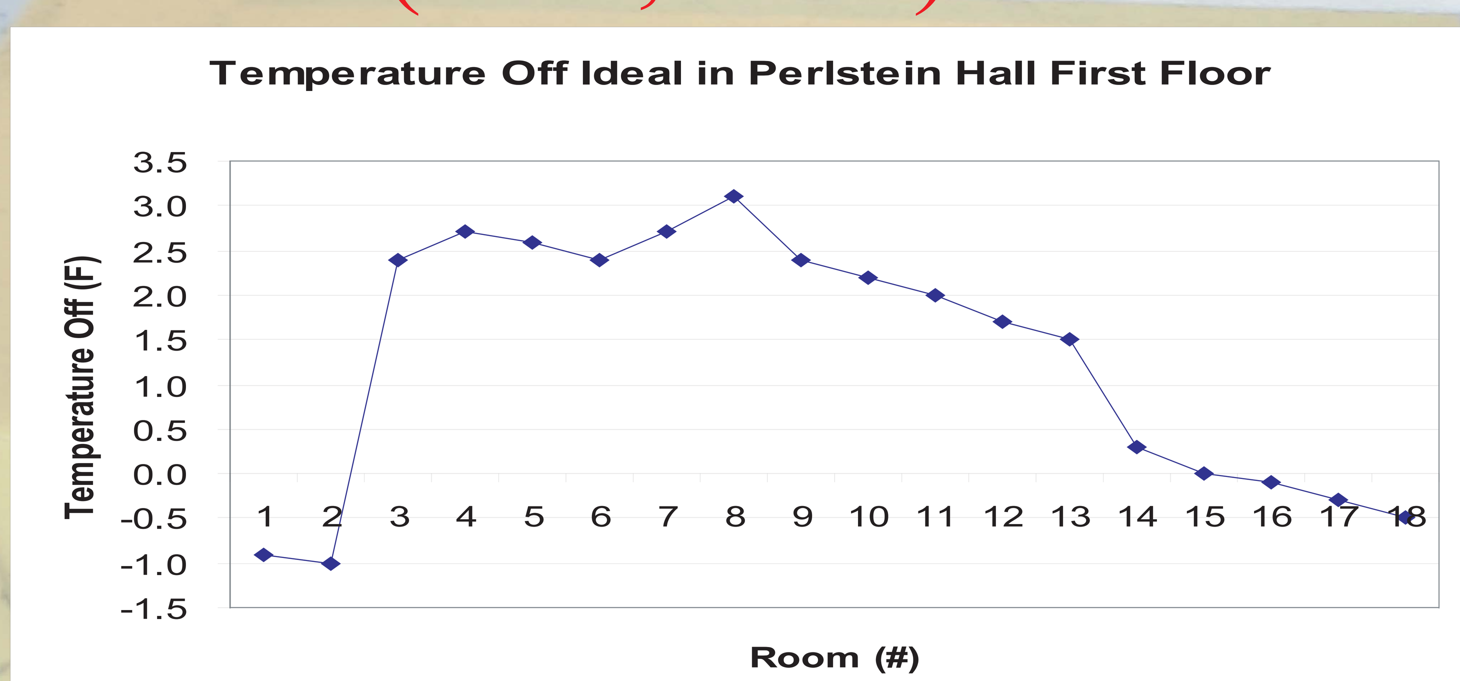


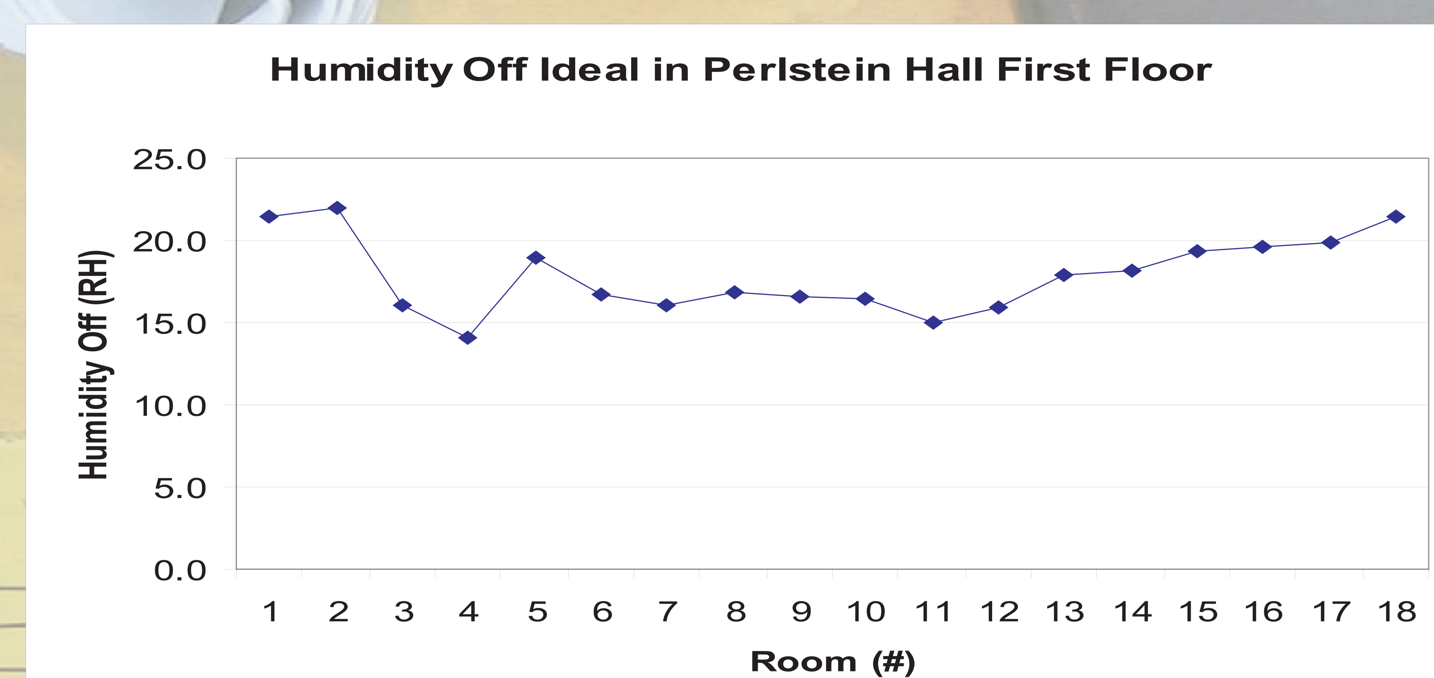


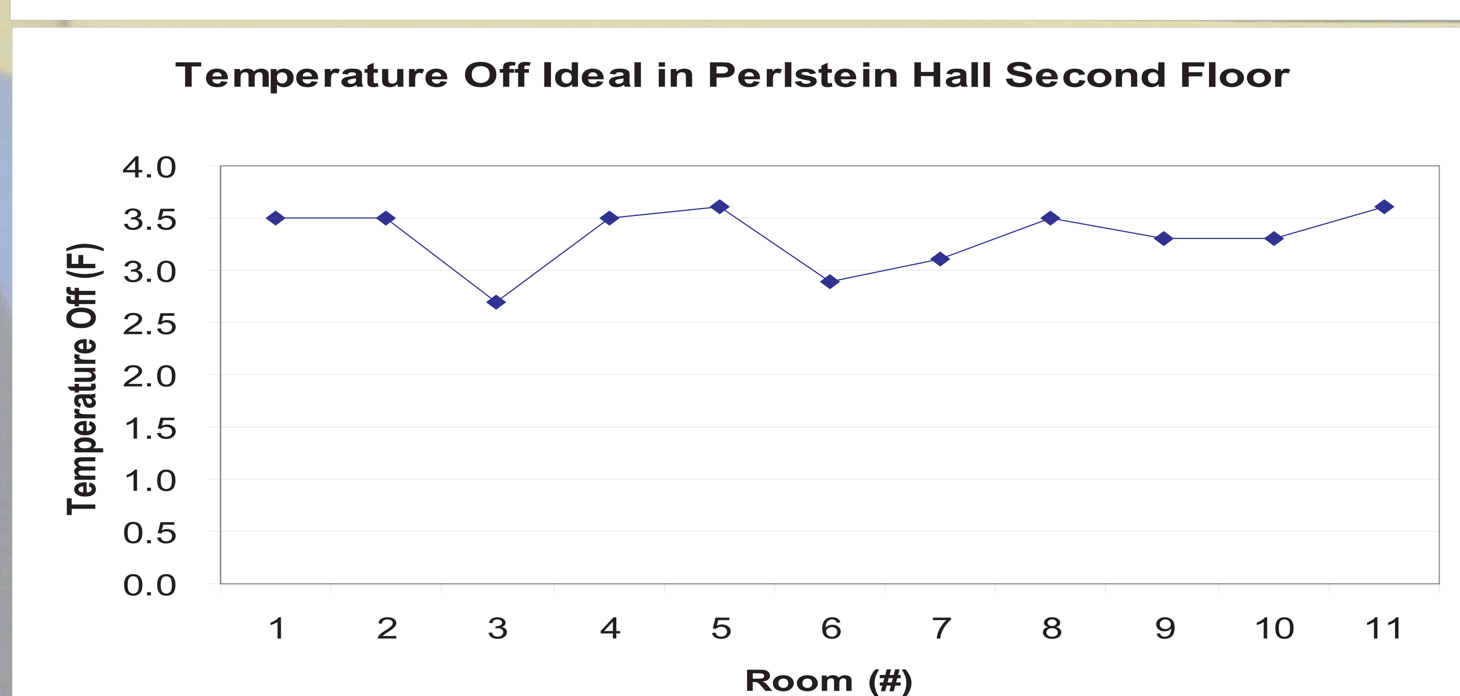


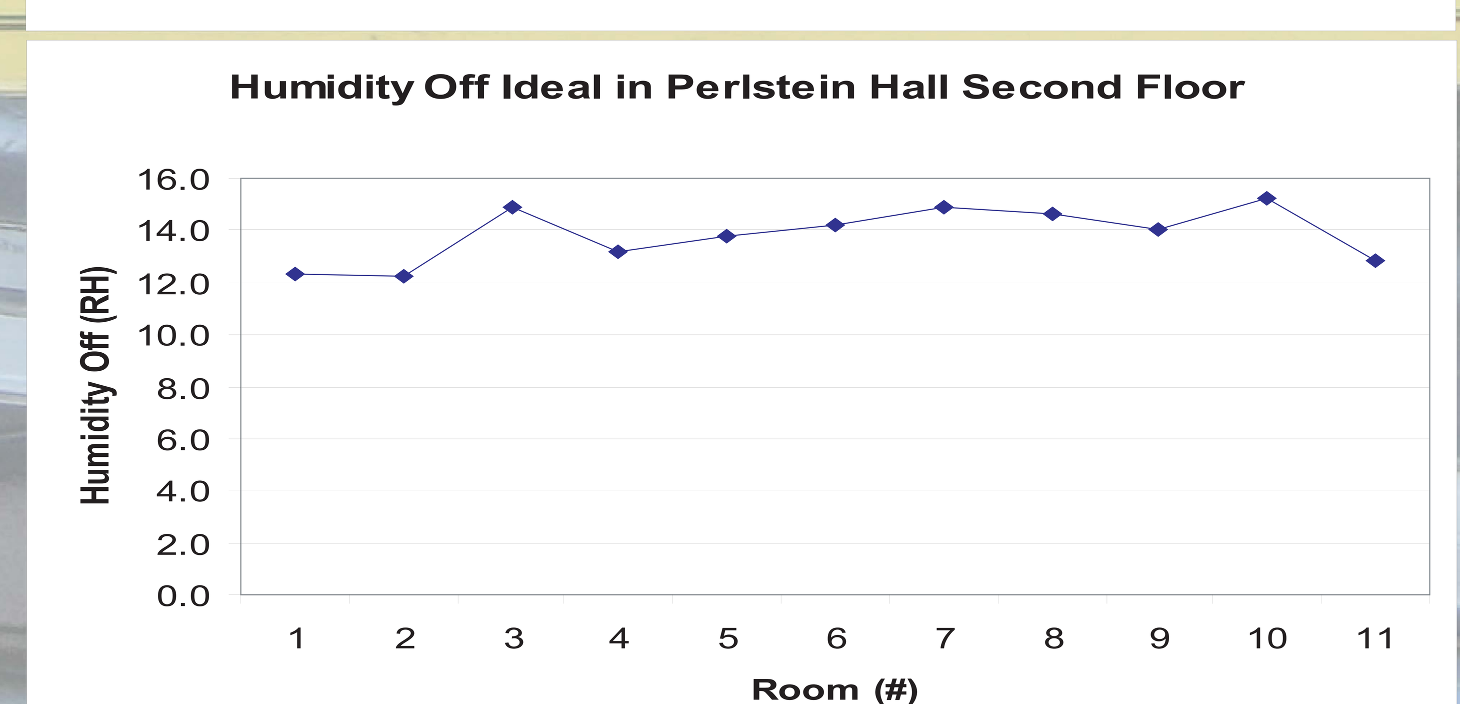


* Ideal (78ºF, 30%) vs Data



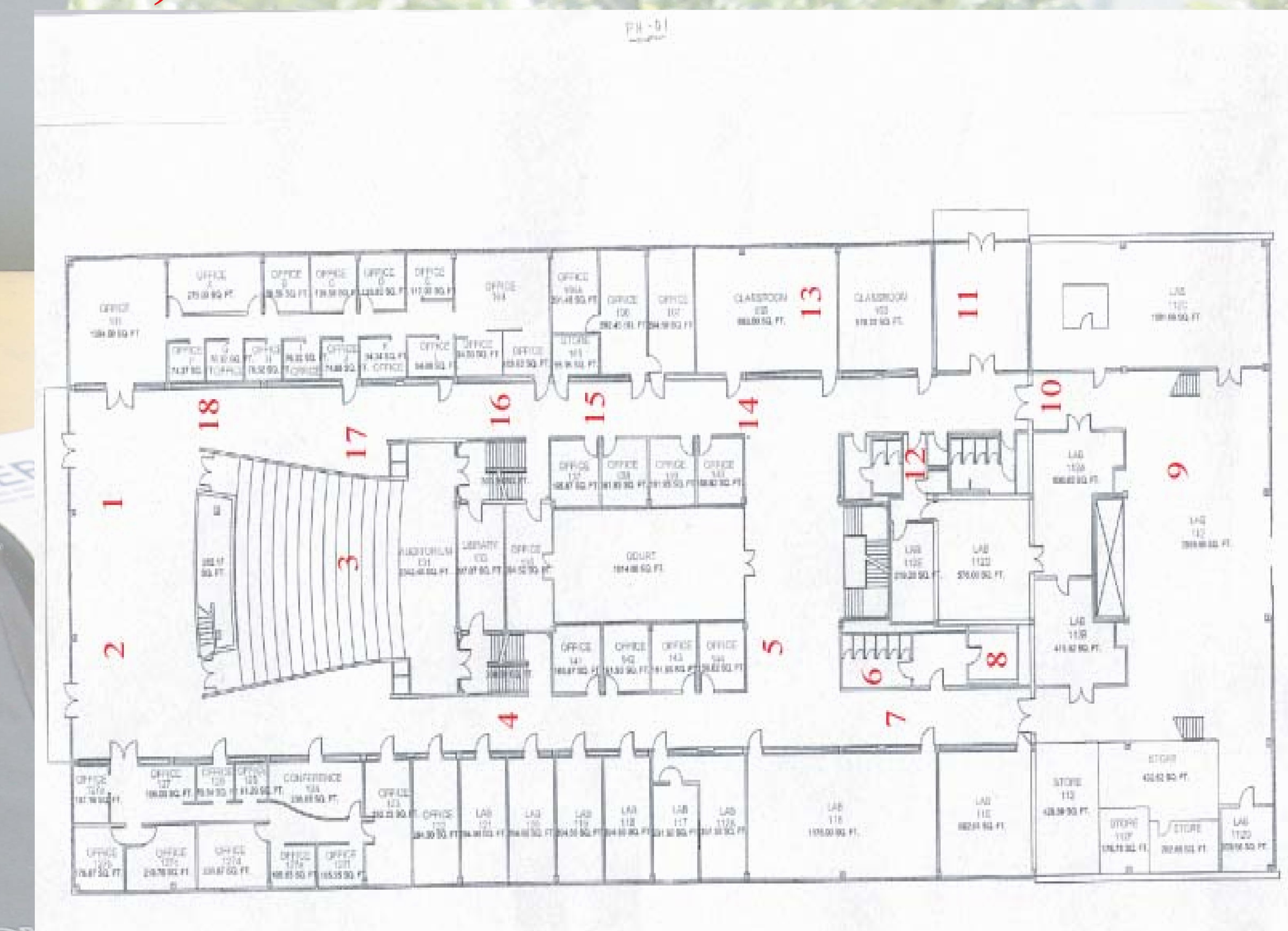






* Floor Plan

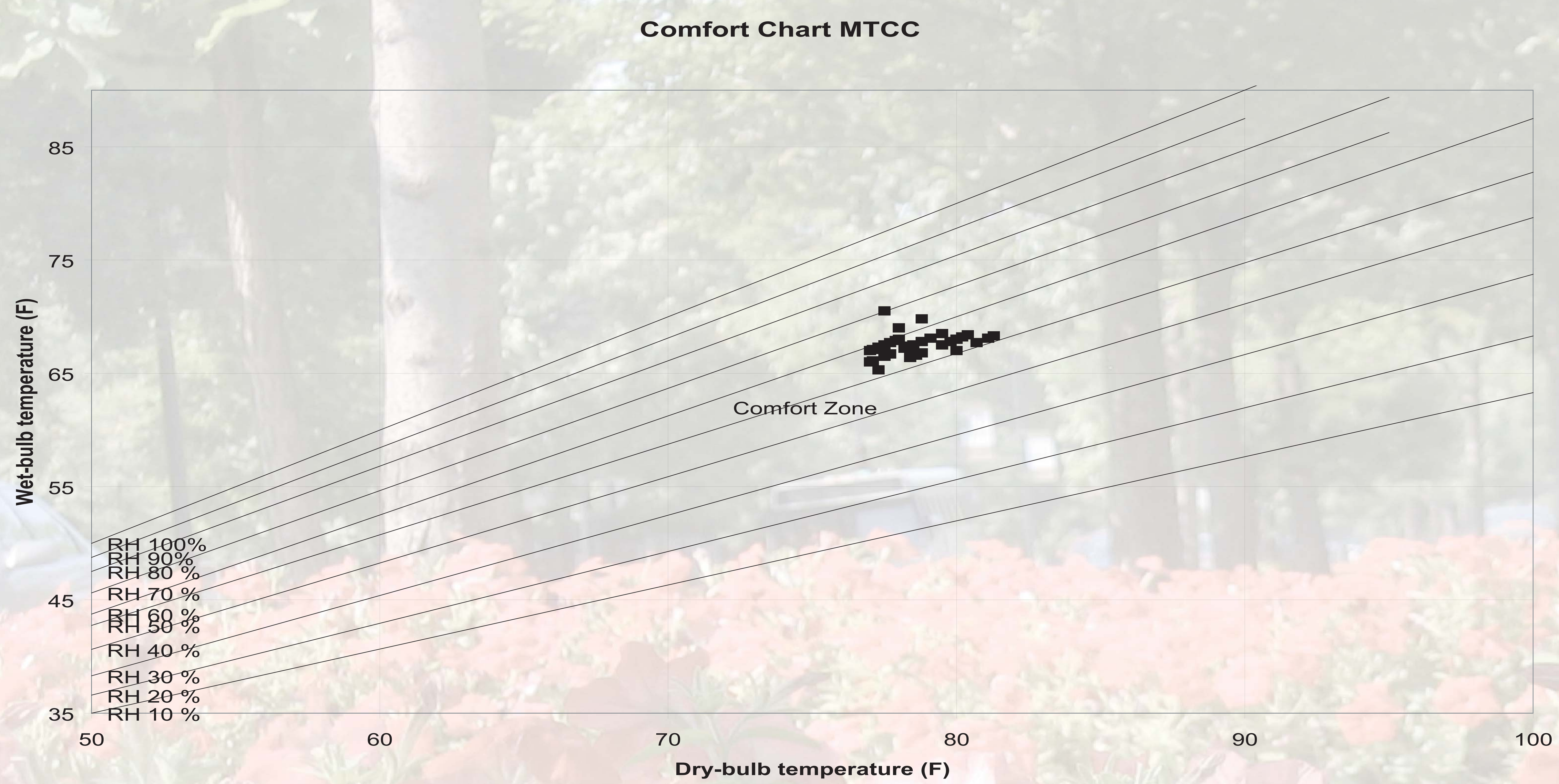
1) 1st Floor Plan



2) 2nd Floor Plan

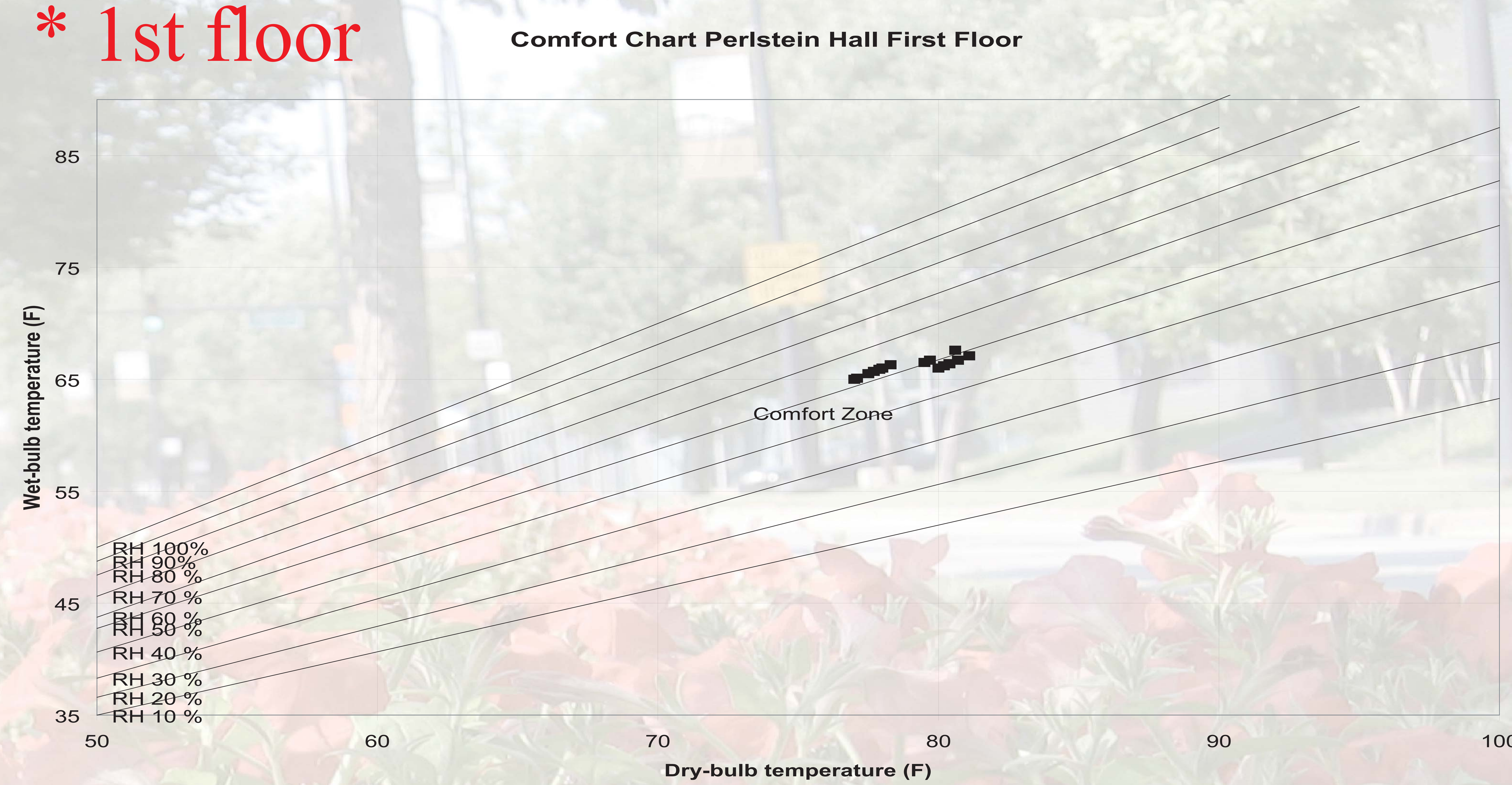
* Comfort Chart

* MTCC

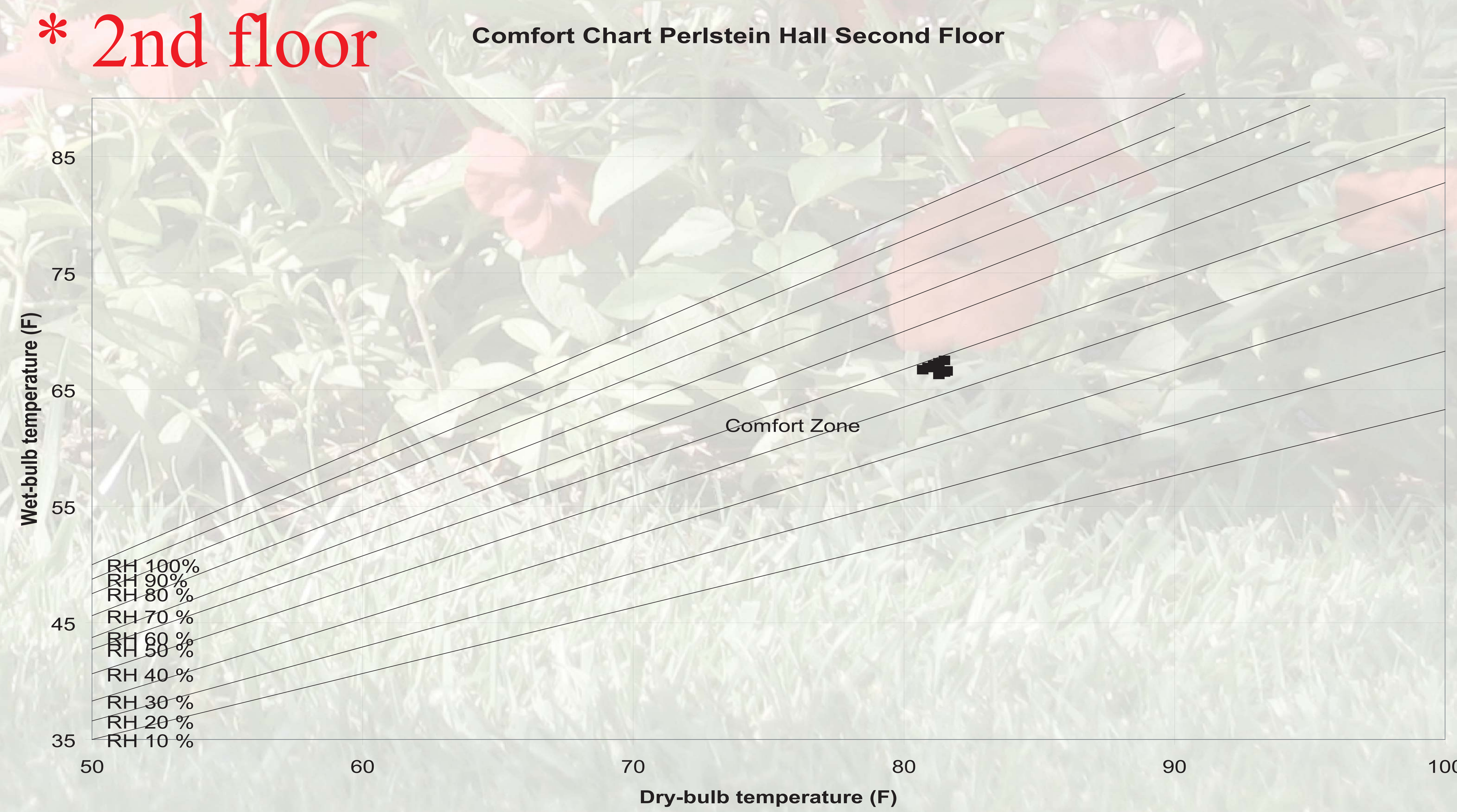


* Perlstein Hall

* 1st floor



* 2nd floor



* Comfort Chart

We have represented every room as a point in the comfort chart in every building. The Comfort chart utilized in the Wet-Bulb temperature vs. Dry-Bulb Temperature with standard conditions of 15-25 ft/min of air speed and light clothing.

* Comfort Problems Locations

1. MTCC: room # 1, 7, 11, 42, 47, 48, 49
2. Perlstein Hall:
   - 1st floor ; No problem.
   - 2nd floor ; room # 5, 8, 10, 11