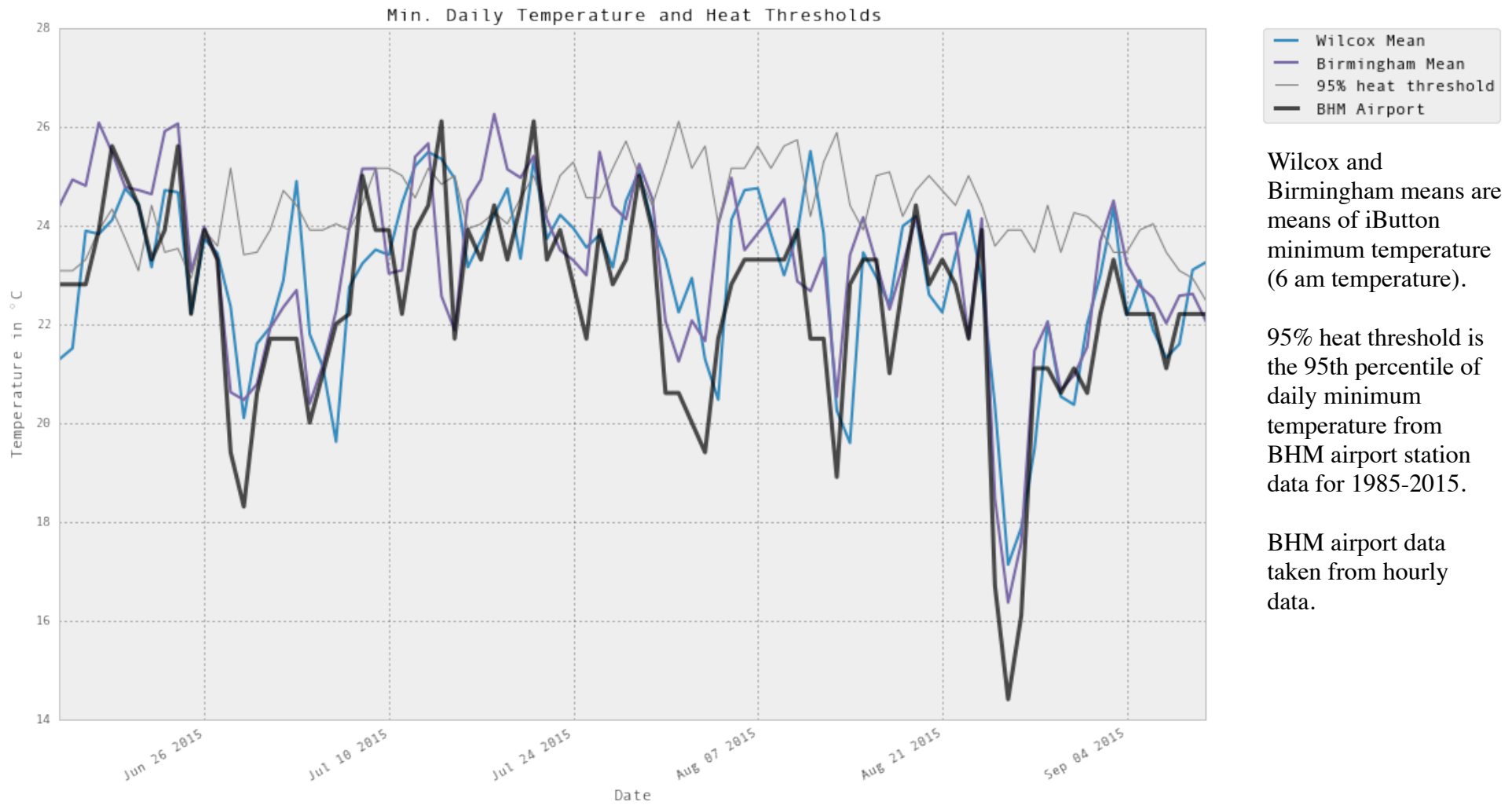


Notes:

Wilcox and Birmingham means calculated from iButtons.

95% heat threshold is the 95th percentile of daily mean temperature from BHM airport station data for 1985-2015.

BHM airport data taken from hourly data.

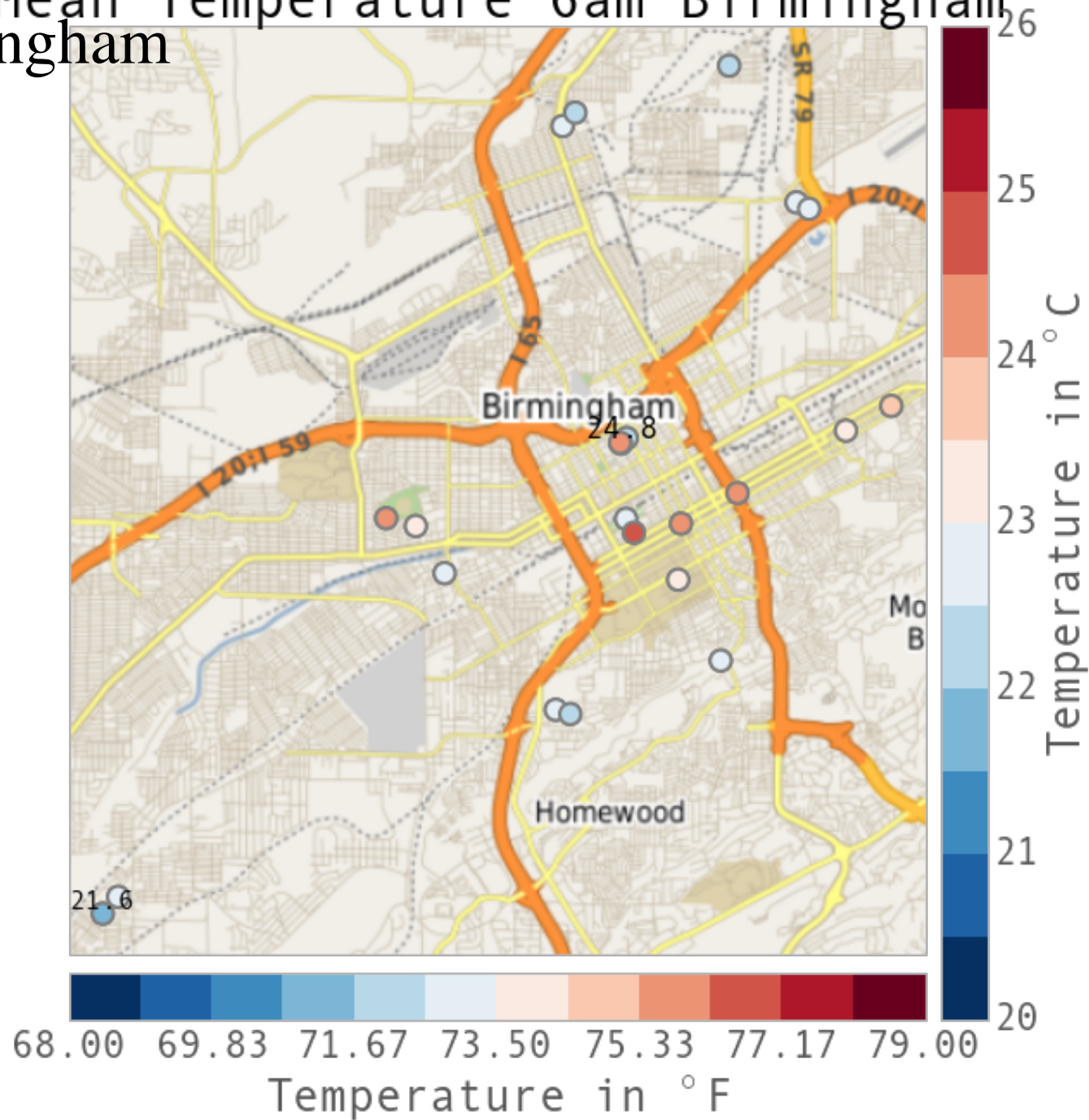


Wilcox and Birmingham means are means of iButton minimum temperature (6 am temperature).

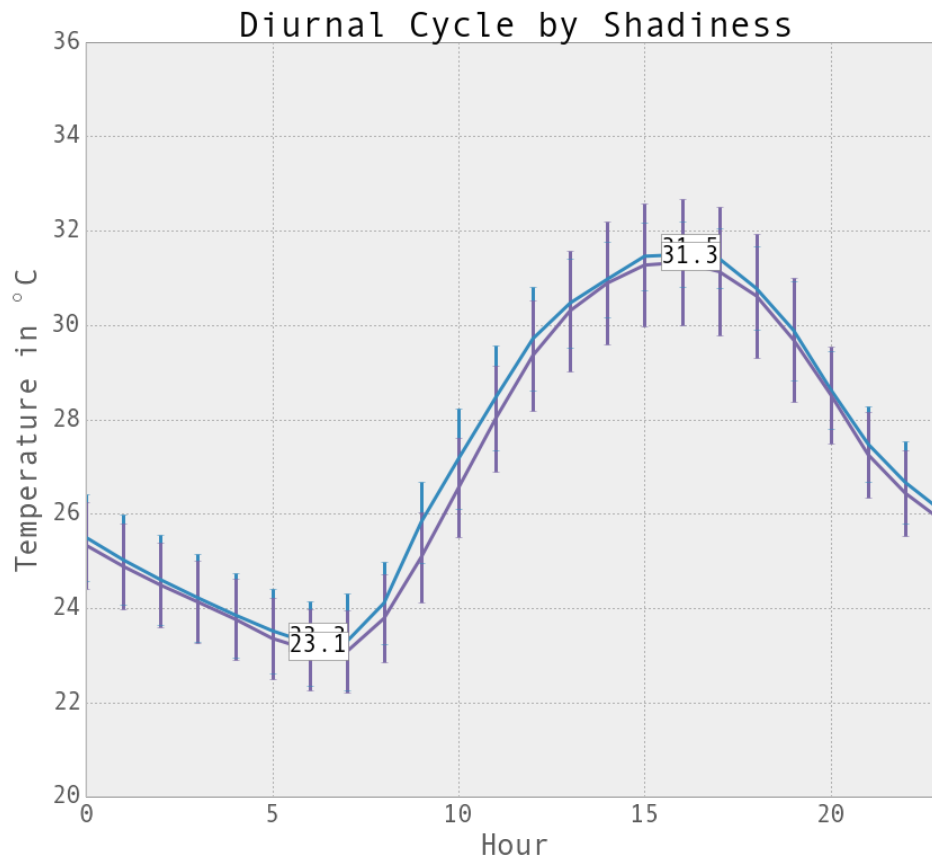
95% heat threshold is the 95th percentile of daily minimum temperature from BHM airport station data for 1985-2015.



BHM airport data taken from hourly data.

# Mean Temperature 6am Birmingham



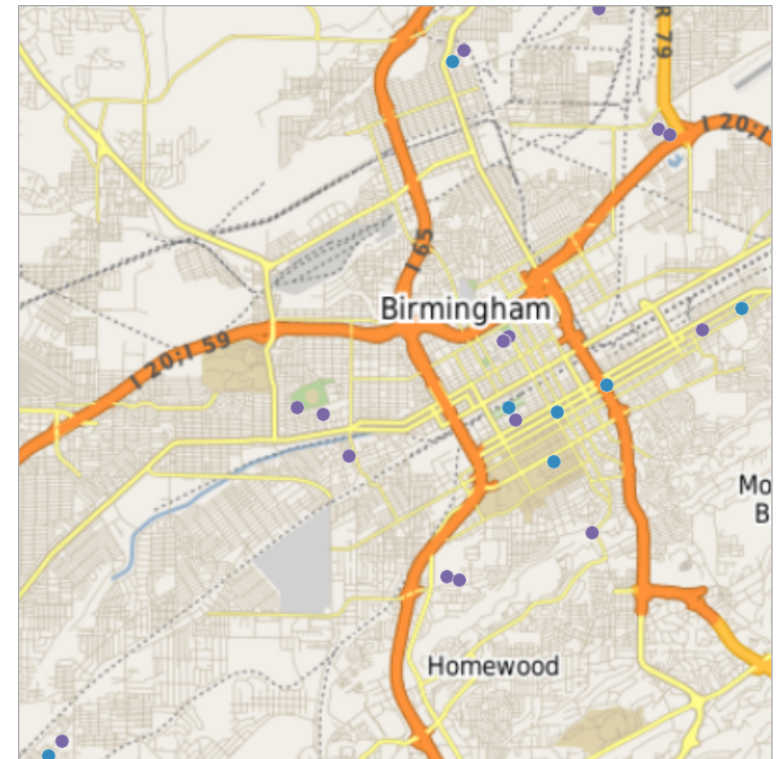
# Birmingham





 partial, 7/23 sensors (30.4 %)  
 shade, 16/23 sensors (69.6 %)

Curves represent average of iButtons over reporting period.  
Partial is the sensors whose locations were partially shaded.  
Shade represents sensors whose locations were fully shaded.

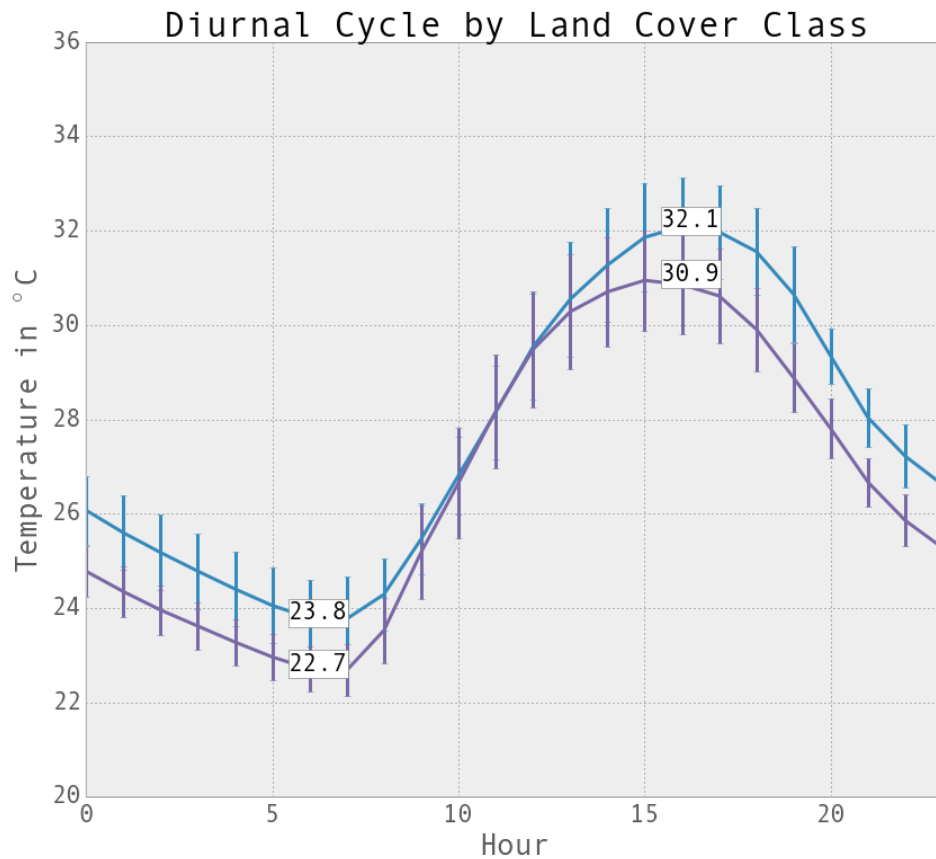
Error bars are standard deviation and represent sensor to sensor variability.



 partial  
 shade



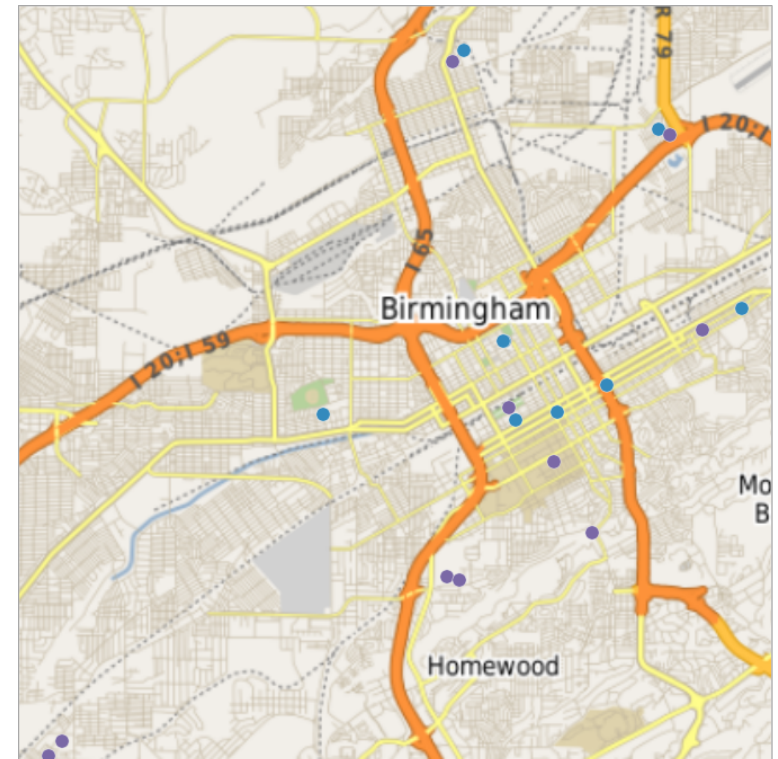
# Birmingham



— impervious, 9/23 sensors (39.1 %)  
— grass, 10/23 sensors (43.5 %)

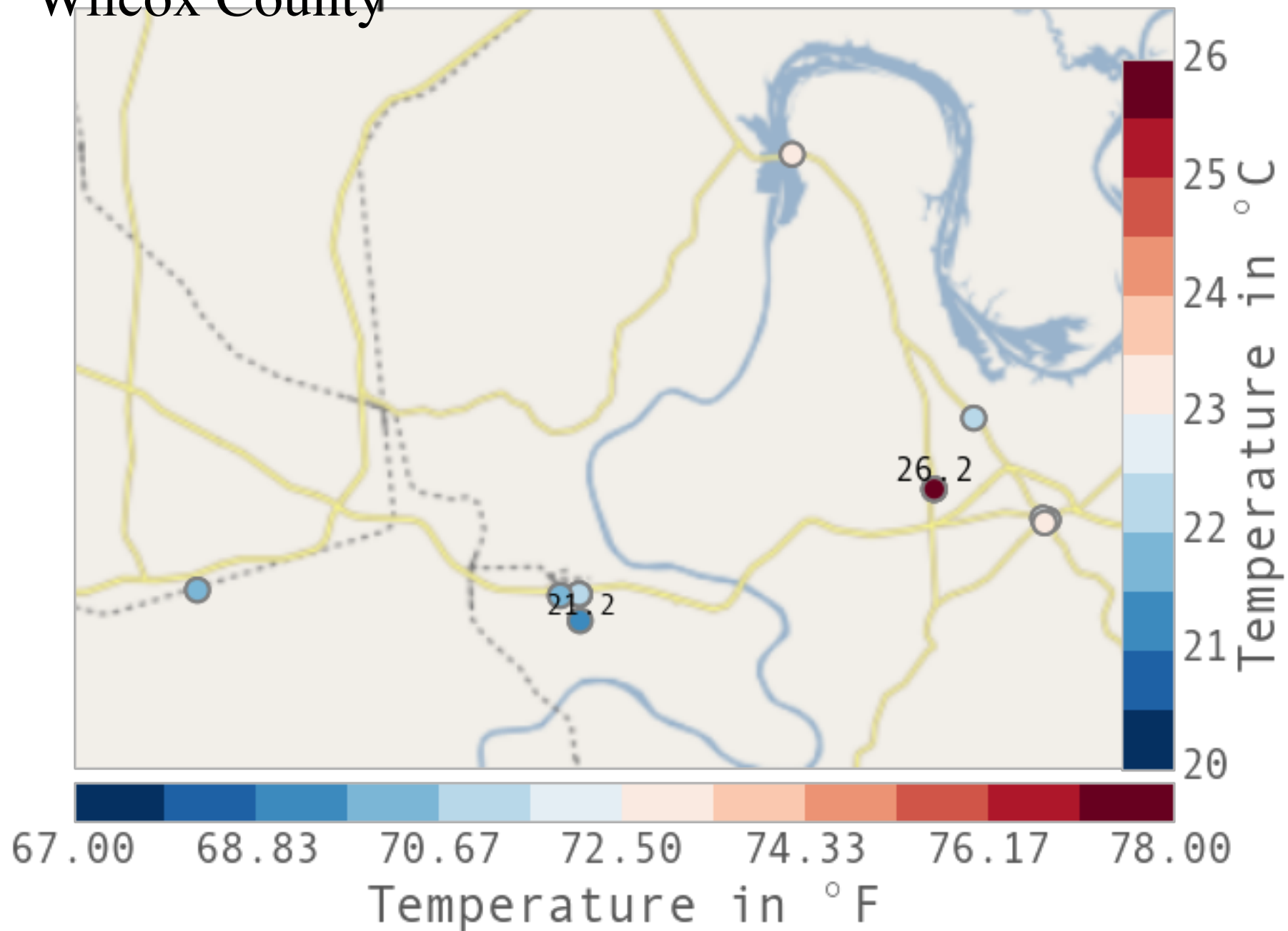
Curves represent average of iButtons over reporting period.  
Partial is the sensors whose locations were partially shaded.  
Shade represents sensors whose locations were fully shaded.

Error bars are standard deviation and represent sensor to sensor variability.

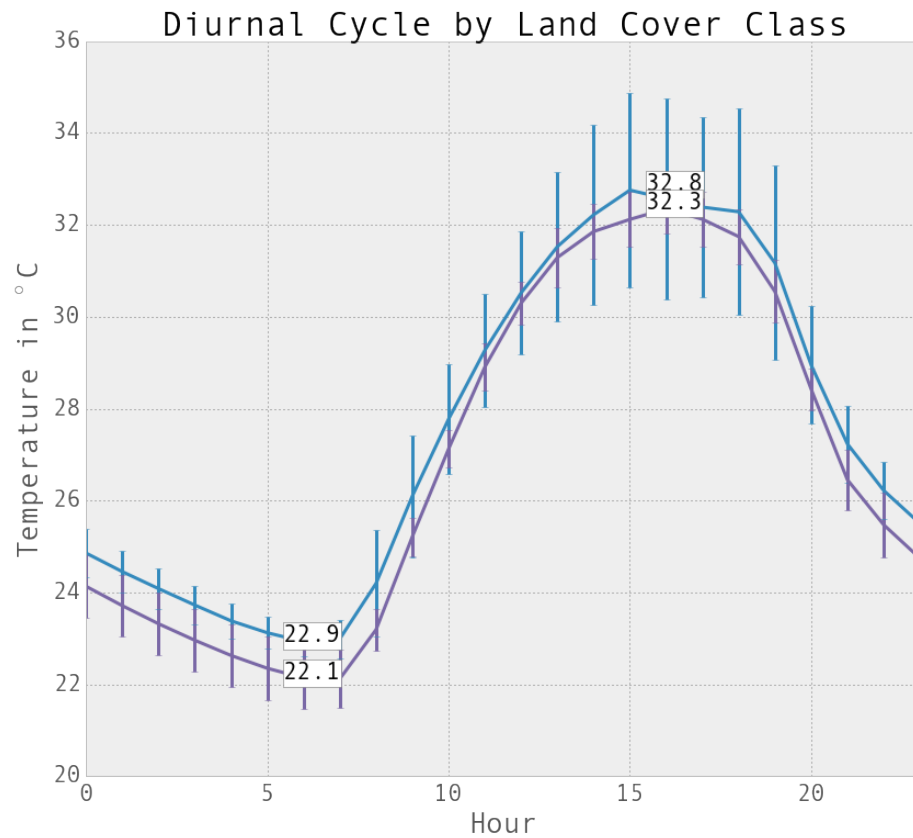


●● impervious  
●● grass

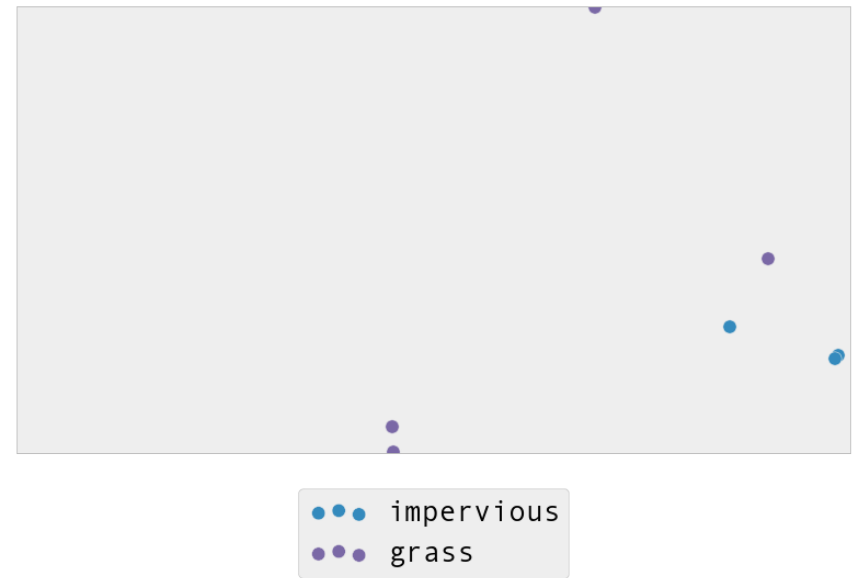
# Mean Temperature 6am Wilcox Co



# Wilcox County

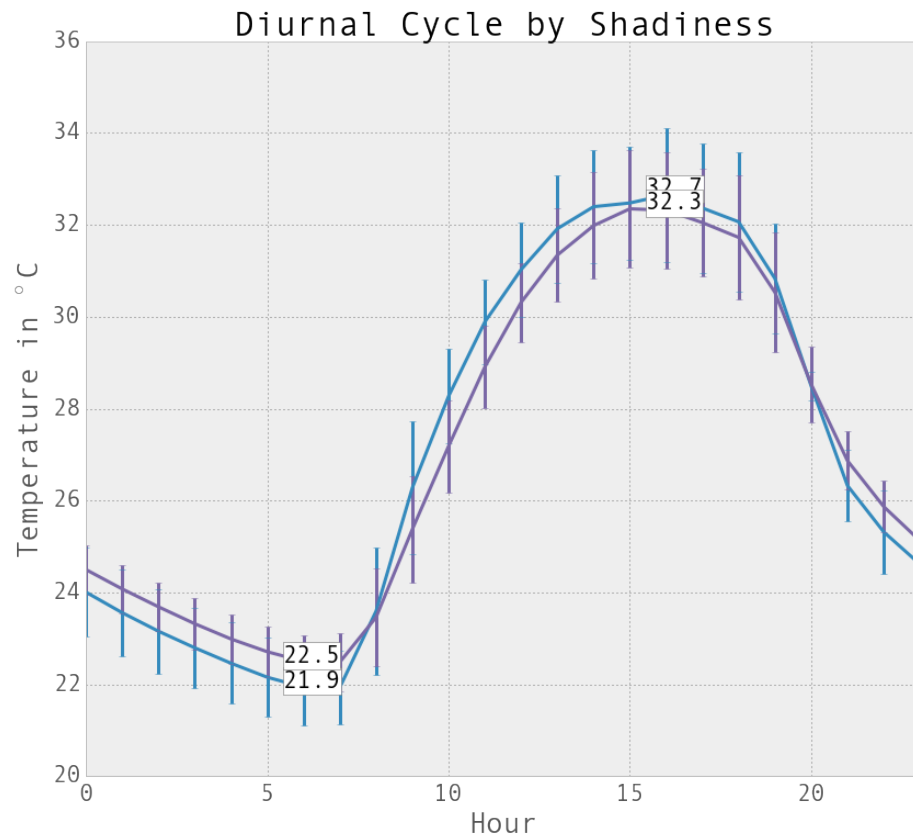


impervious, 3/11 sensors (27.3 %)  
grass, 5/11 sensors (45.5 %)





# Wilcox County



partial, 3/11 sensors (27.3 %)  
shade, 8/11 sensors (72.7 %)

