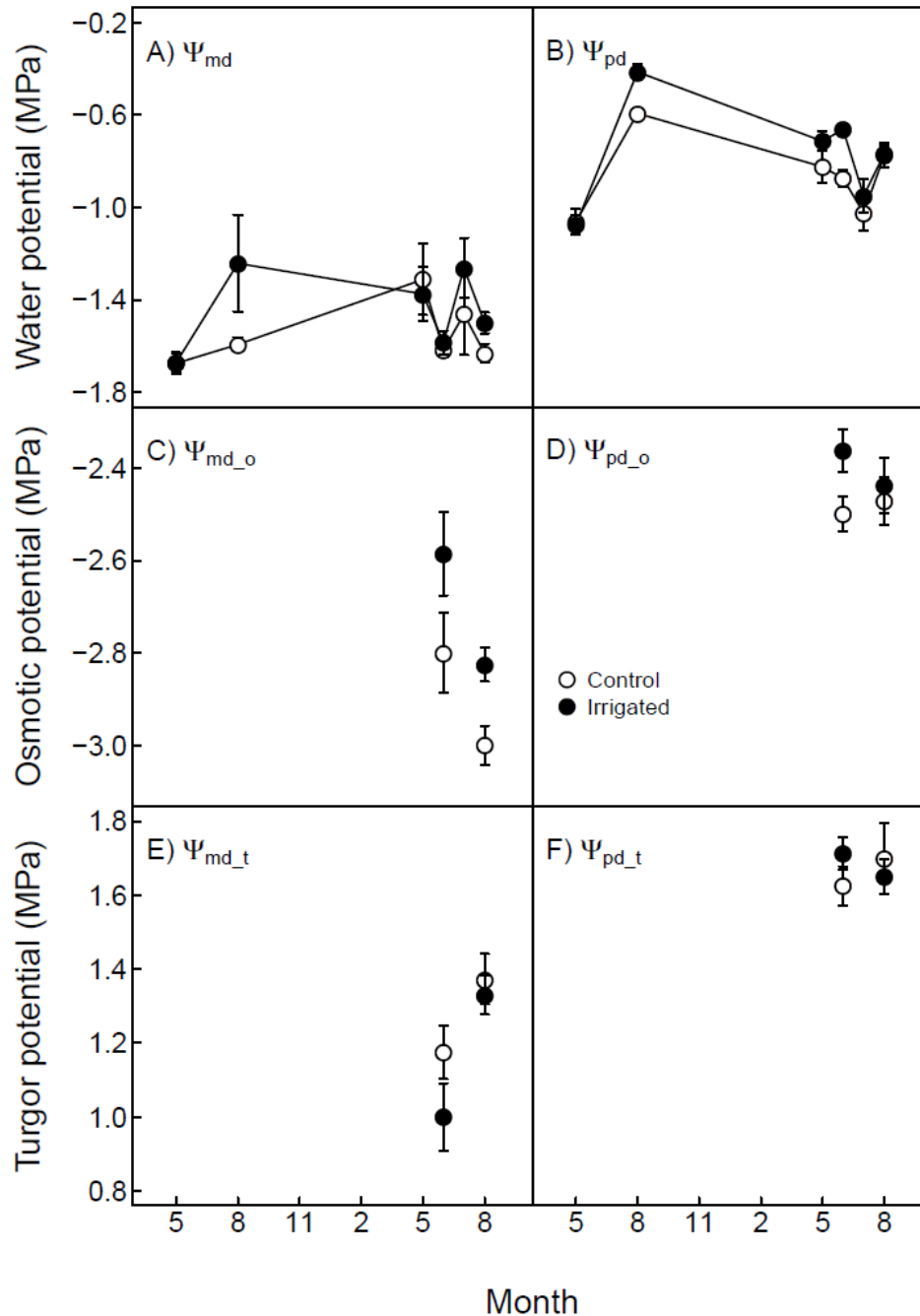


NSC

- Missing spring 2014 data
- Significant differences between tissues
- Significant differences between sampling dates
- Usually no differences between Irrigated and control (maybe something in needles in August 2013)

Midday

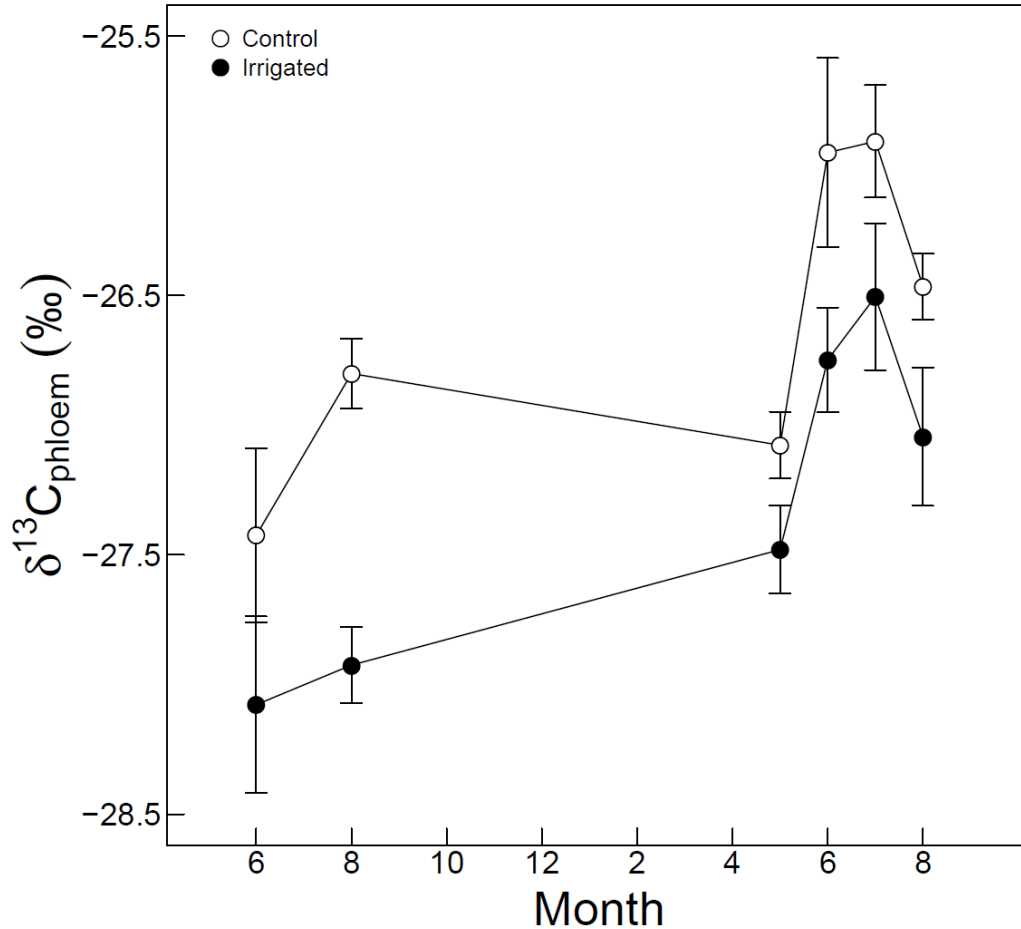
Predawn



Water potential

- Significant differences between sampling dates (except for Yosm_pd and Yturg_pd)
- Overall differences between Irrigated and control only for Ypd and Yosm_md
- Ymd in August 2013 probably different between treatments
- Problem with osmometer in 2013, hence no data

Phloem ^{13}C



- Significant differences between dates
- Significant differences between treatments
- Proxy for WUE = Assimilation/Transpiration
- Sap flow gives Transpiration
- Thus can estimate canopy assimilation

What next

- Sapflow: need for sapwood area/depth and total leaf area per tree
- SWC or soil water potential
- Branches morphology (nb of needles, needle area, yearly growth). Before the end of the year for our trees. General data?
- Separate irrigation and stop_irrigation trees