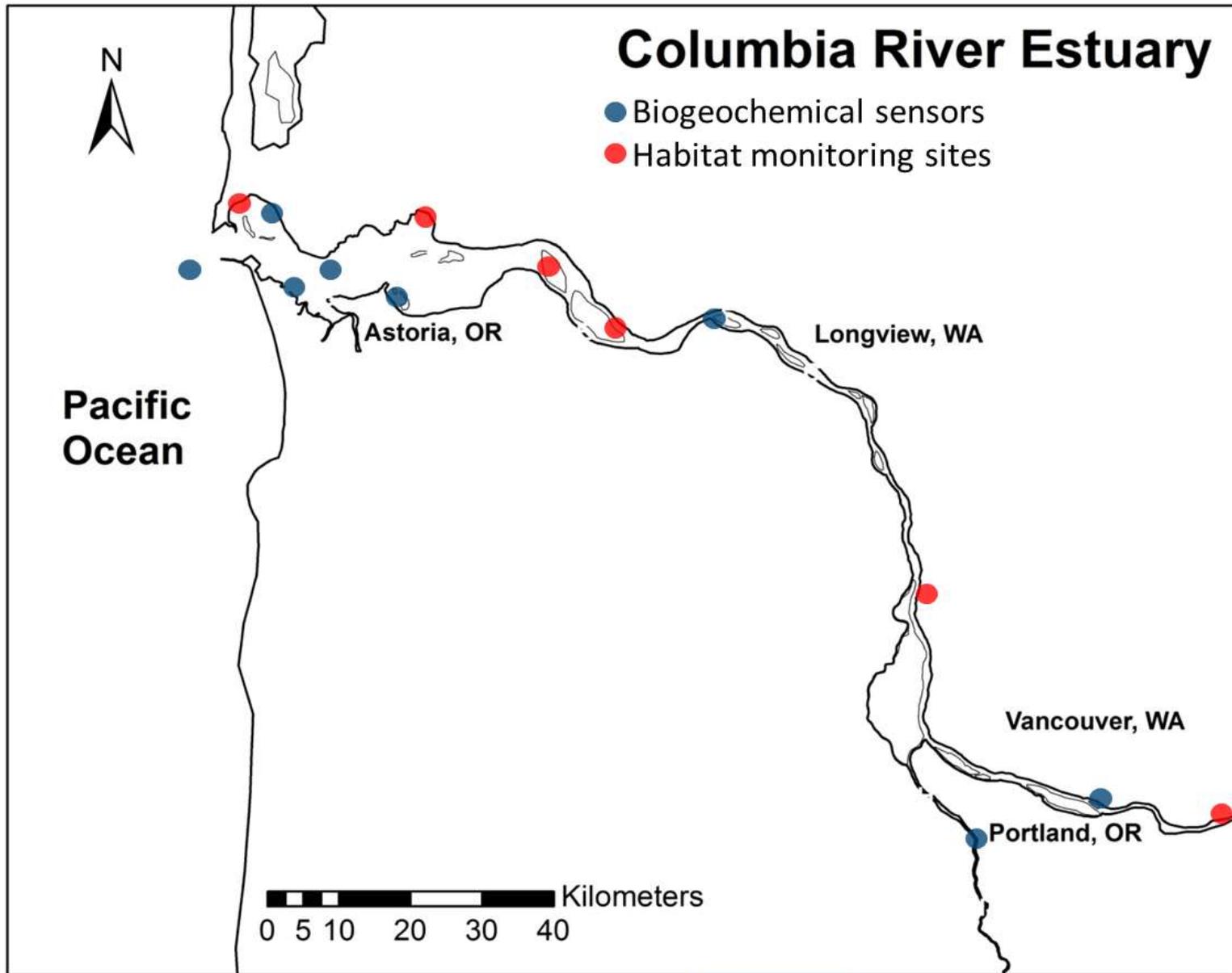


EMP science workgroup update

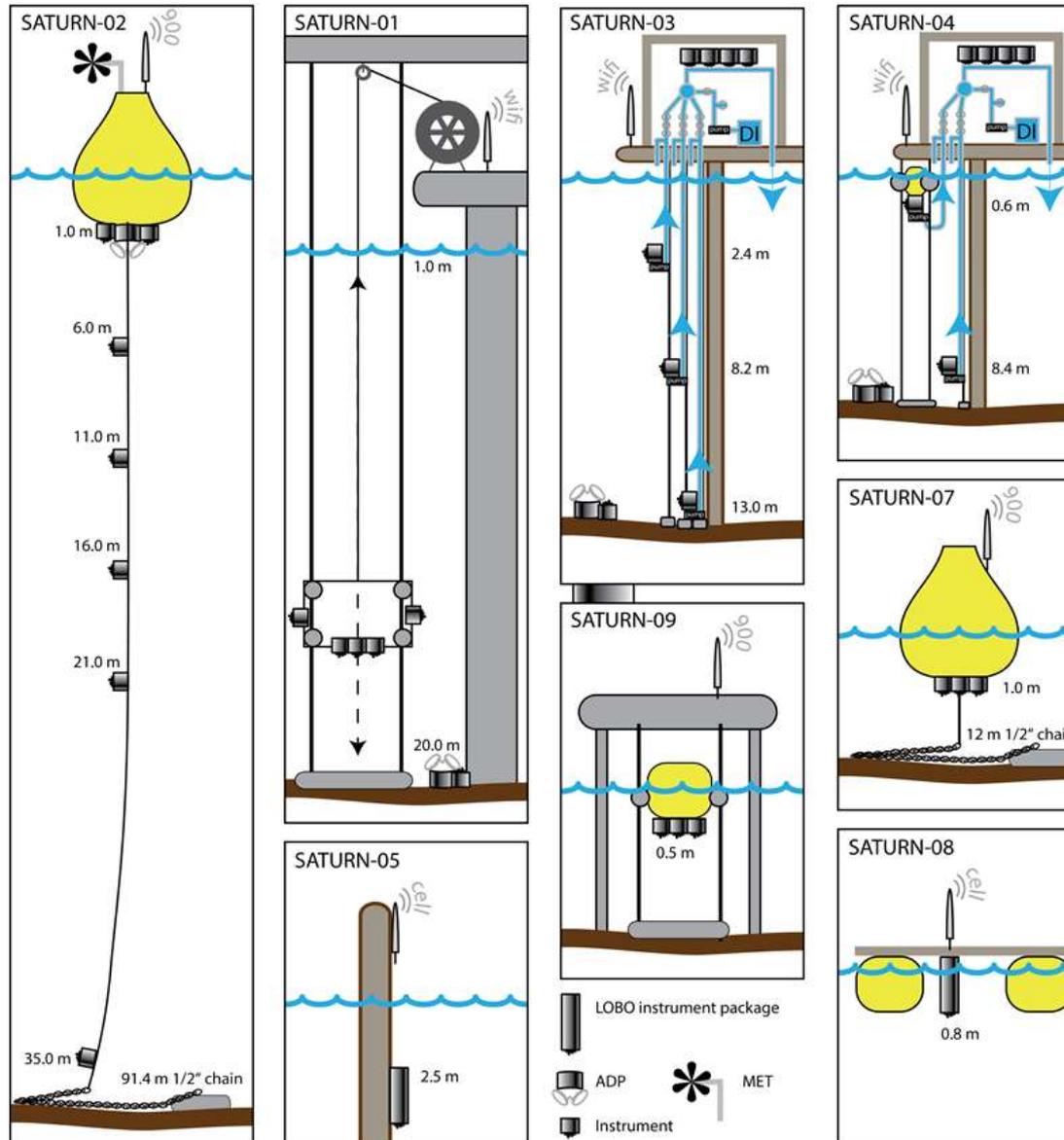
Mainstem and Abiotic Site Conditions (preliminary)

Joe Needoba

2015 OHSU team: Tawnya Peterson, Andy Bryn (M.S. student), Claudia Tausz (M.S. student), and CMOP field team



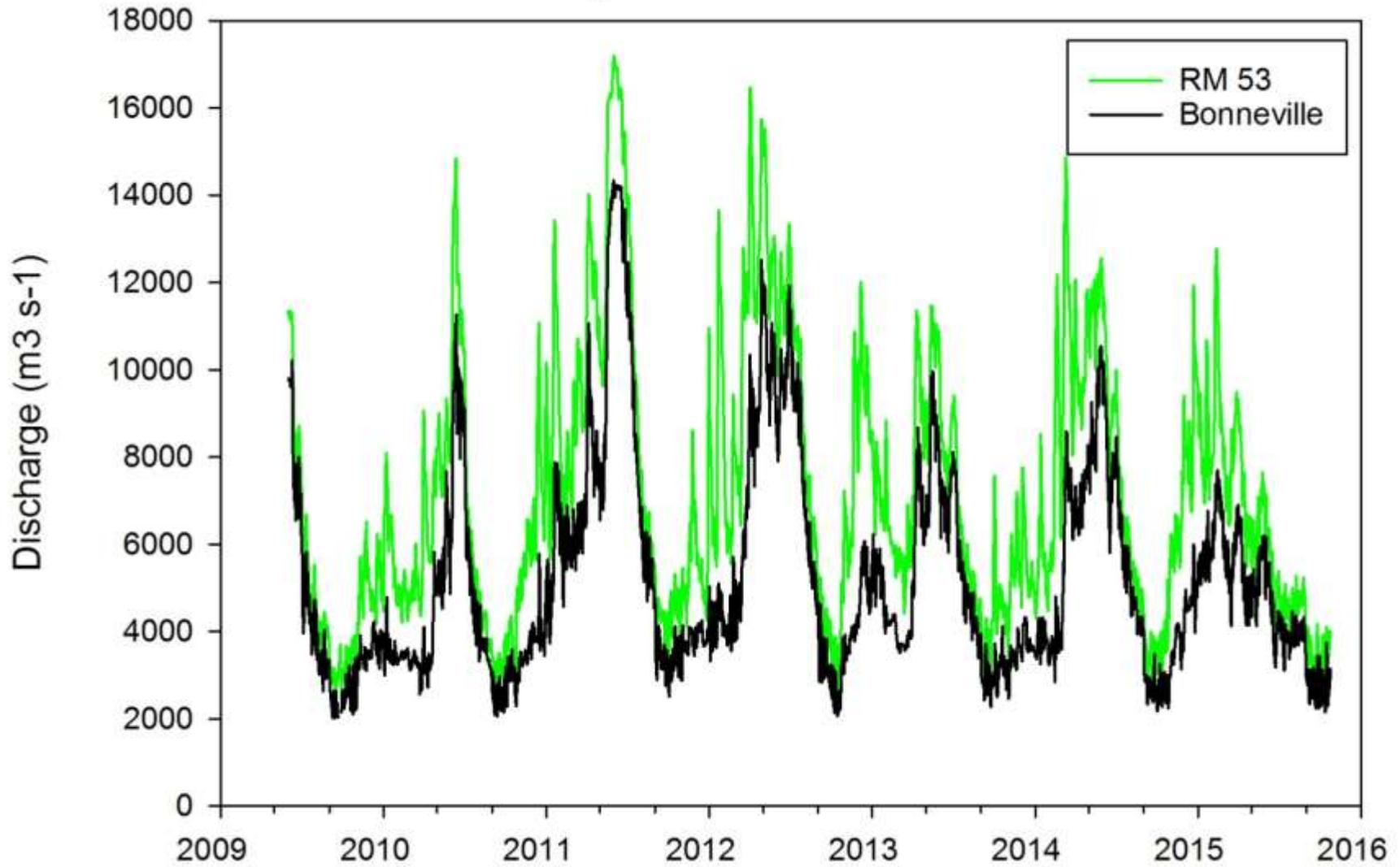
CMOP Monitoring Platforms



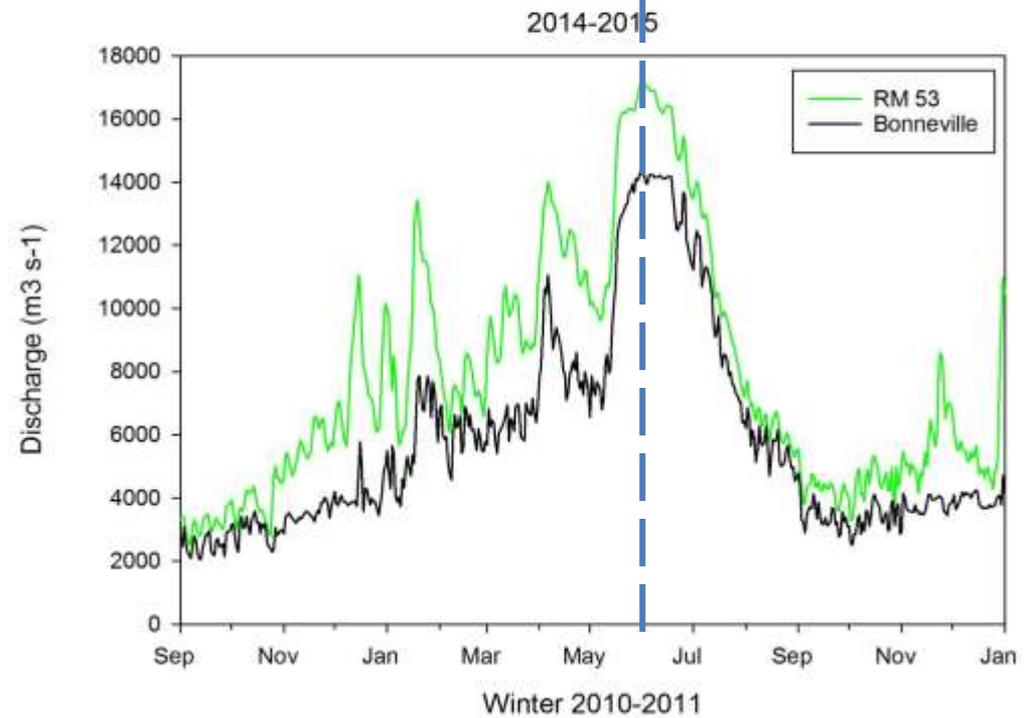
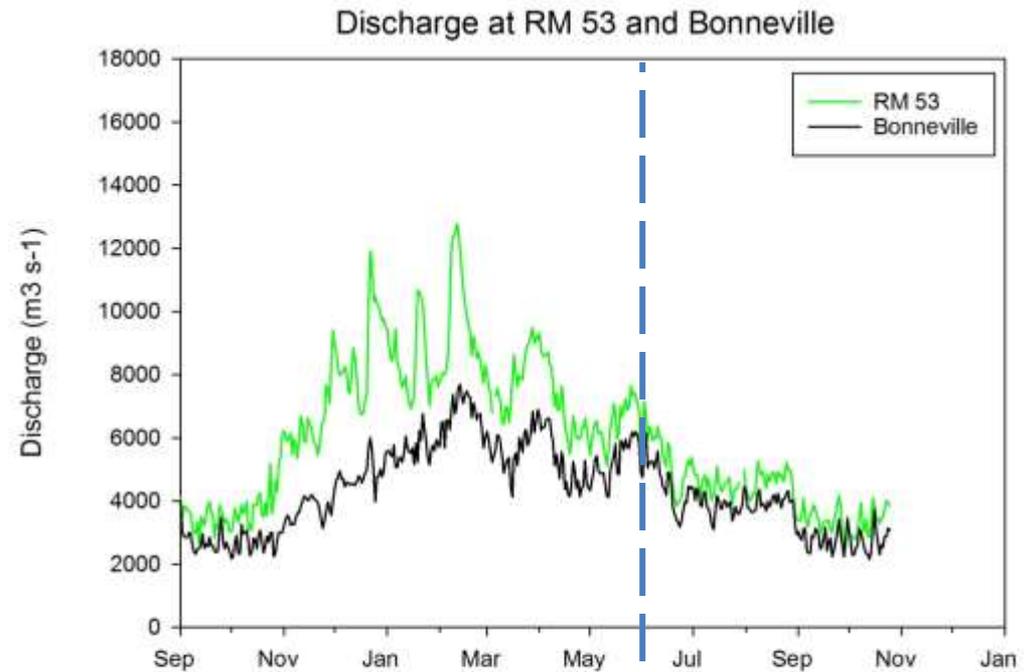
EMP YSI Sites



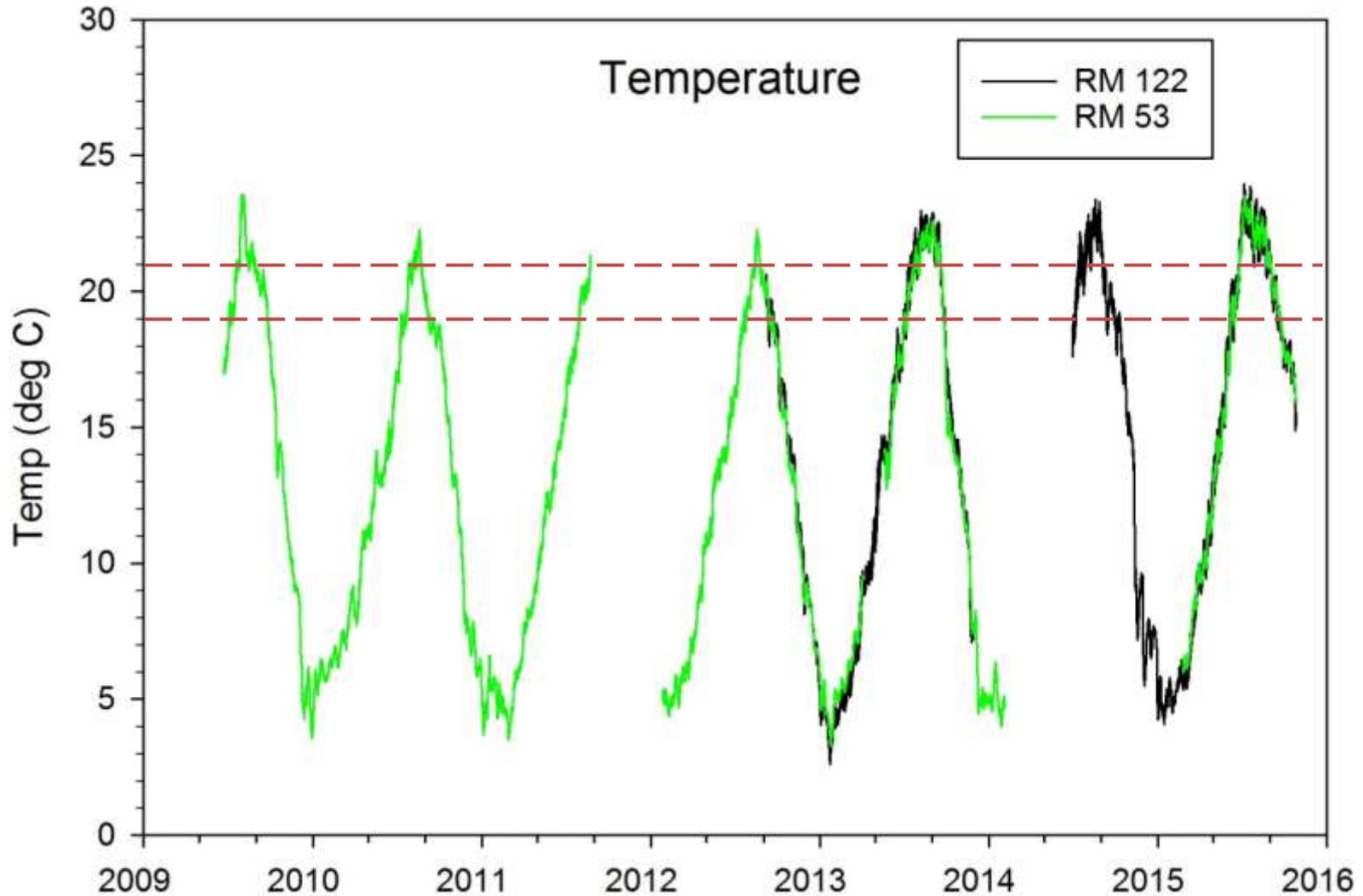
Discharge at RM 53 and Bonneville



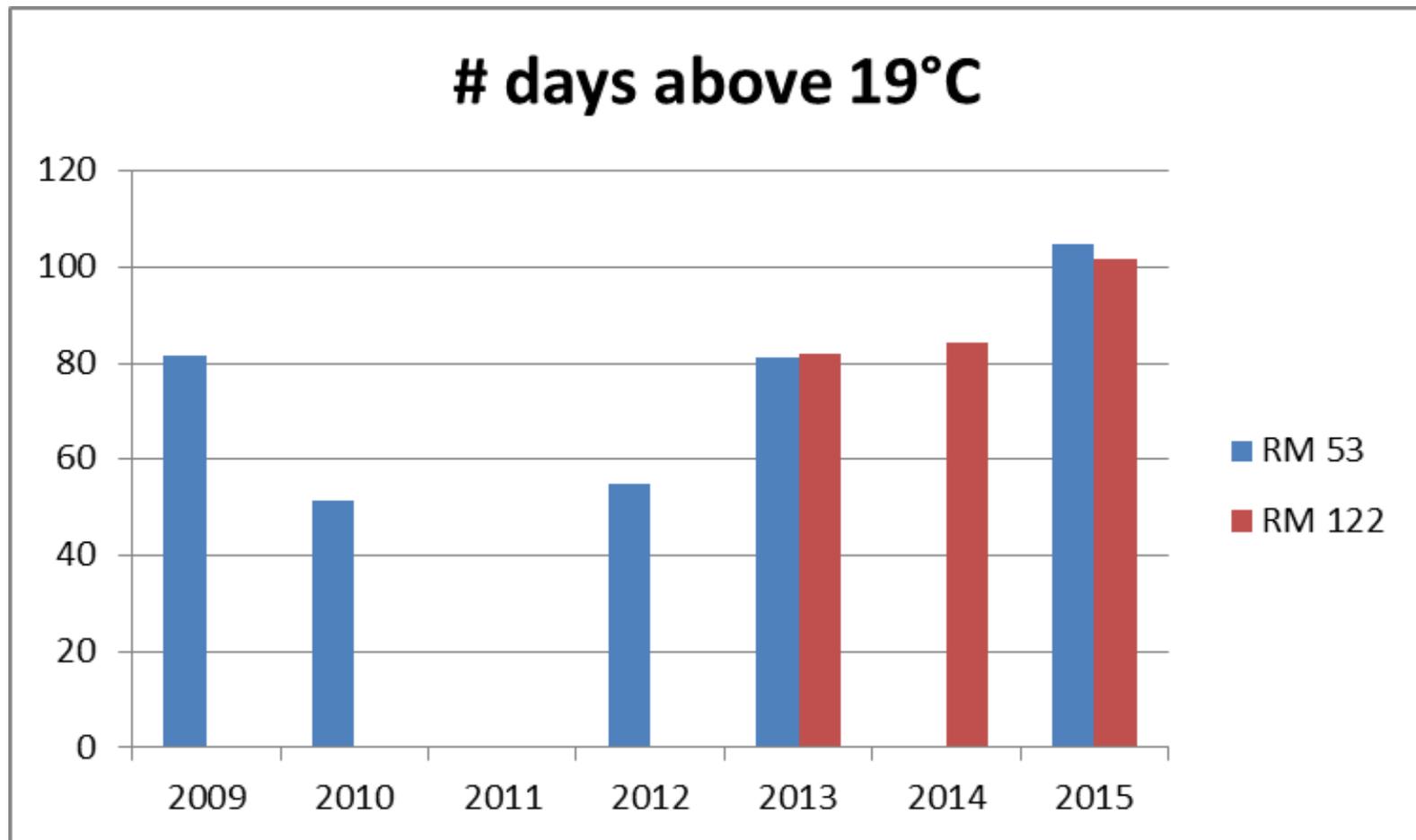
2015 freshet was very low



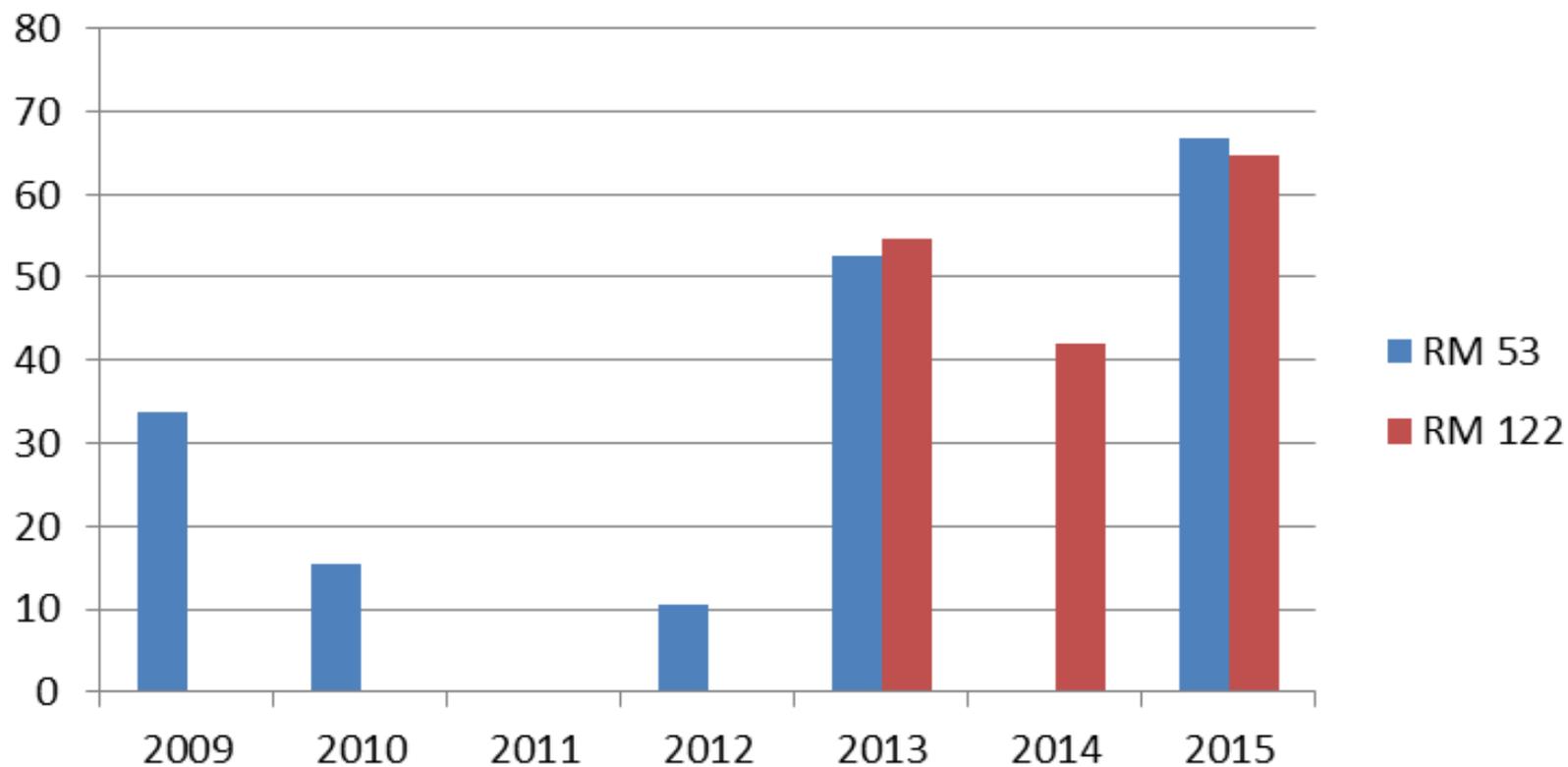
Mainstem Temperature



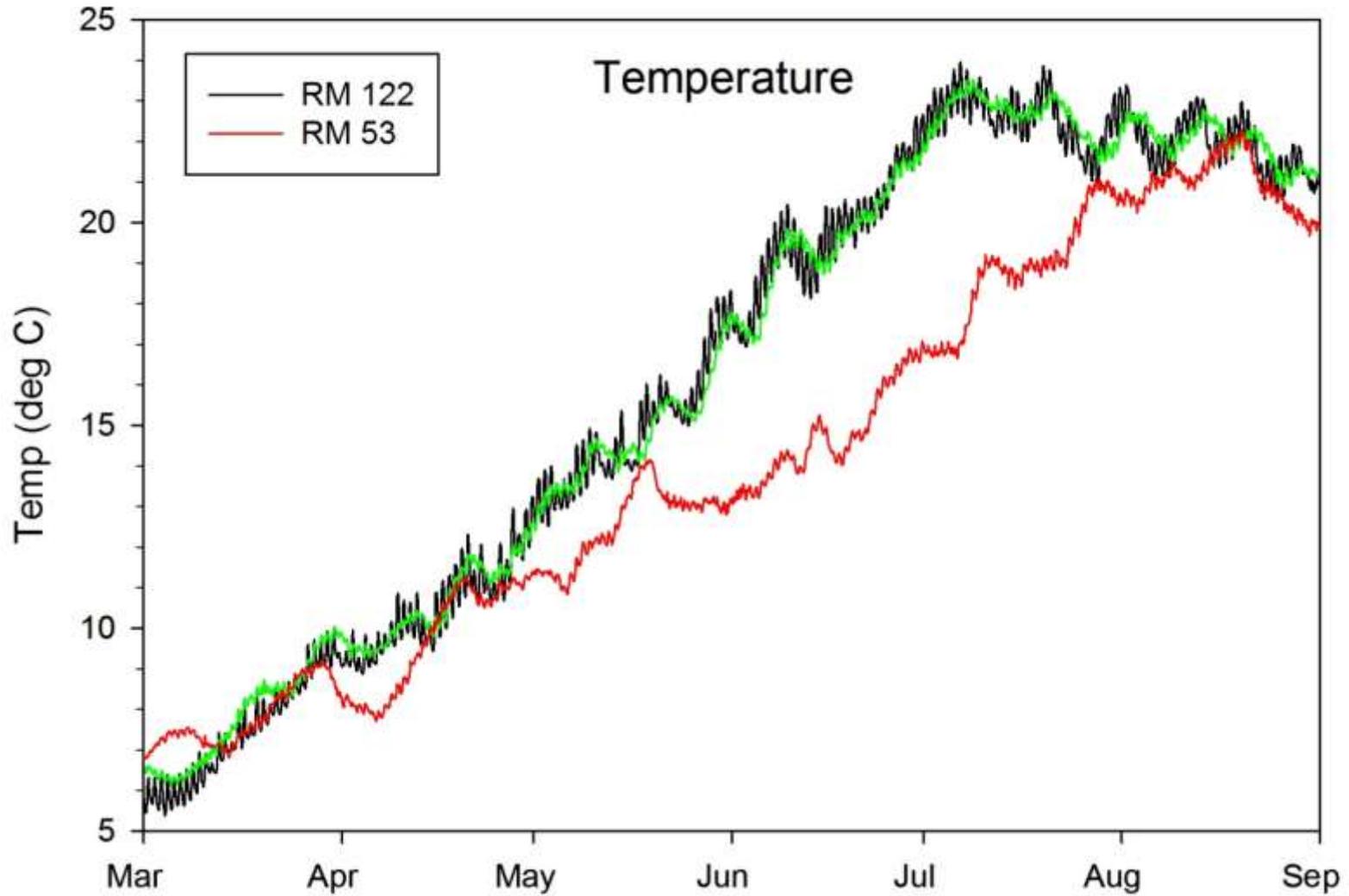
Mainstem Temperature Highs



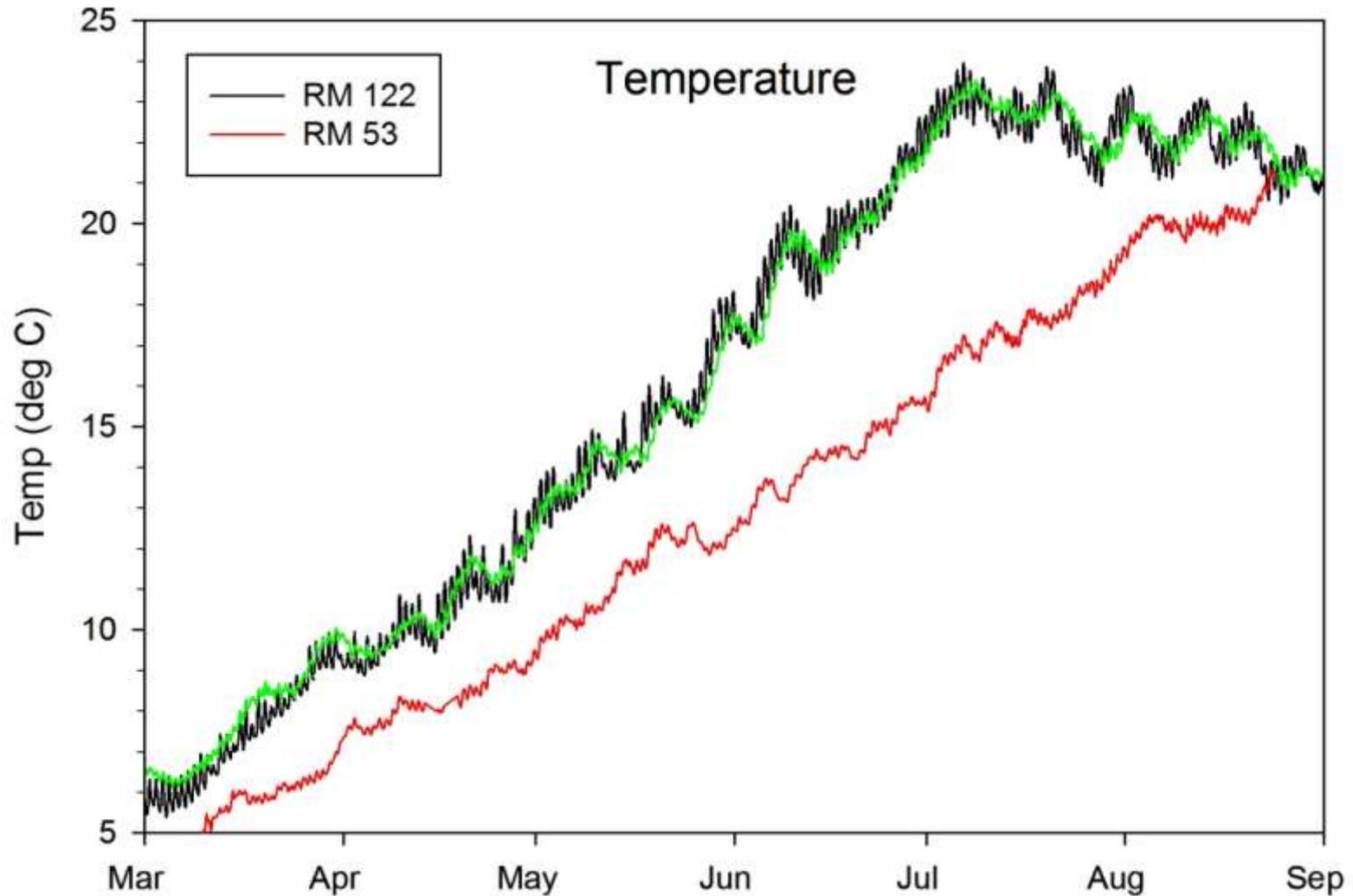
days above 21°C



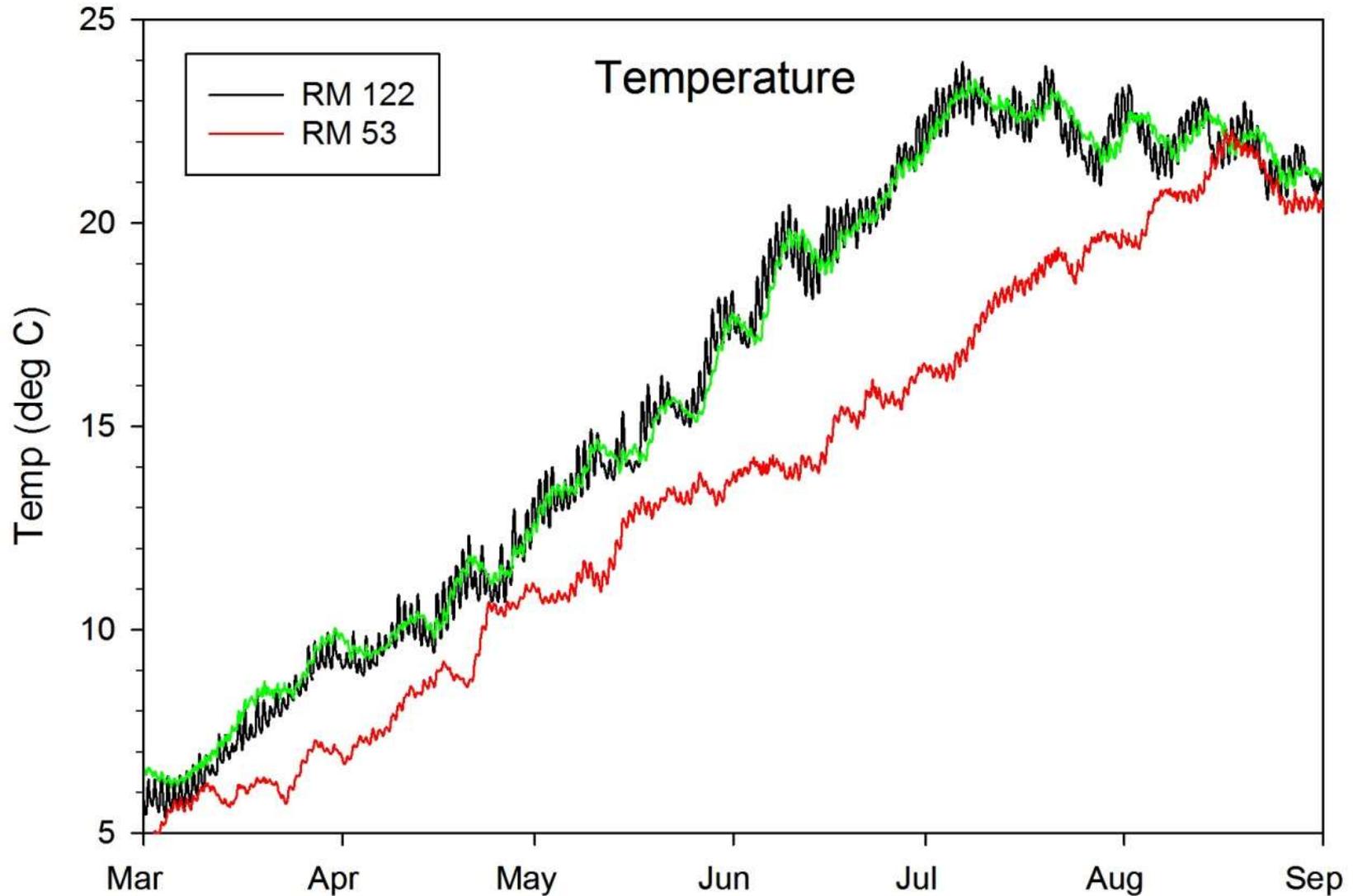
2015 – 2010 comparison



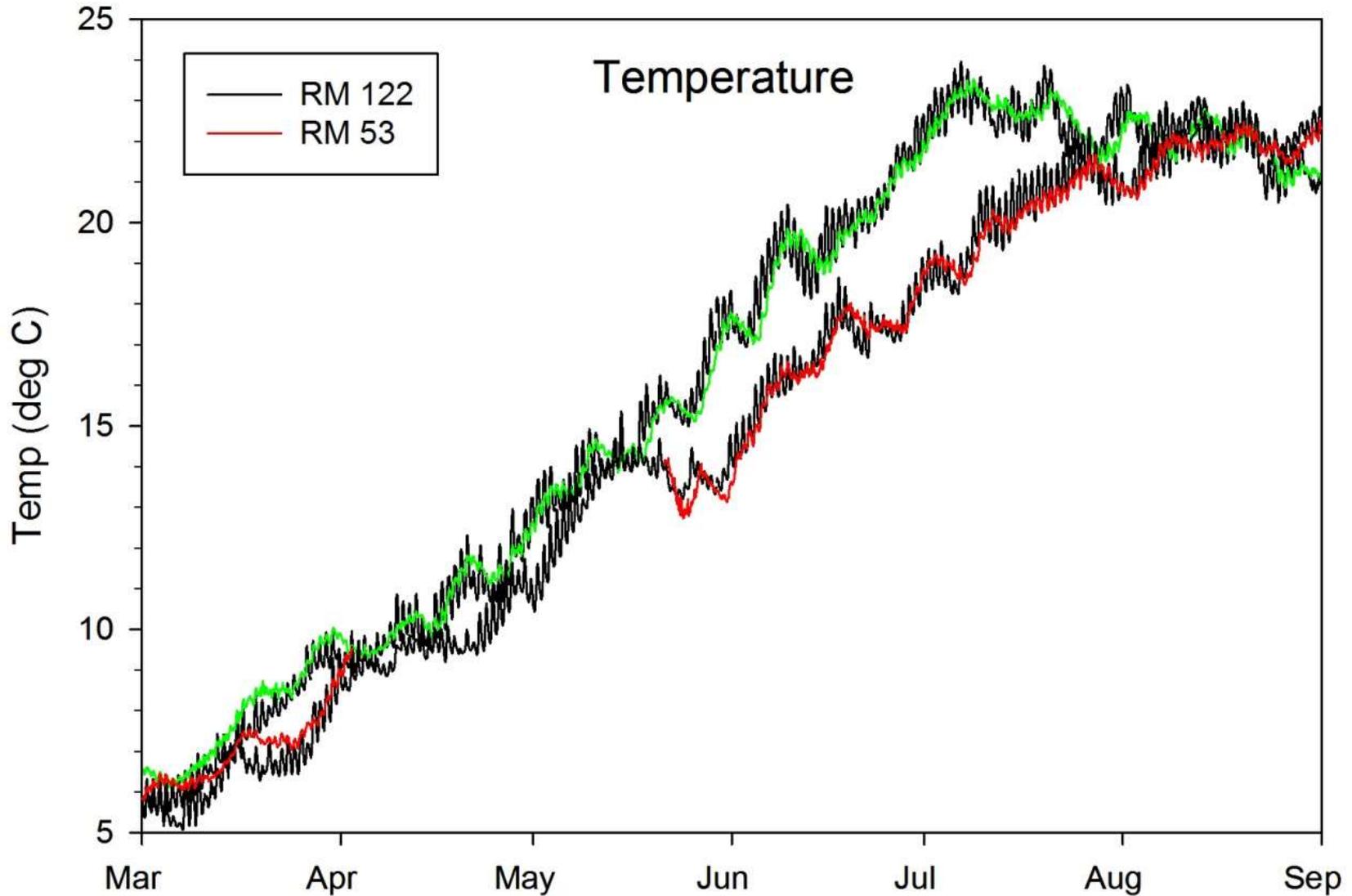
2015 – 2011 comparison



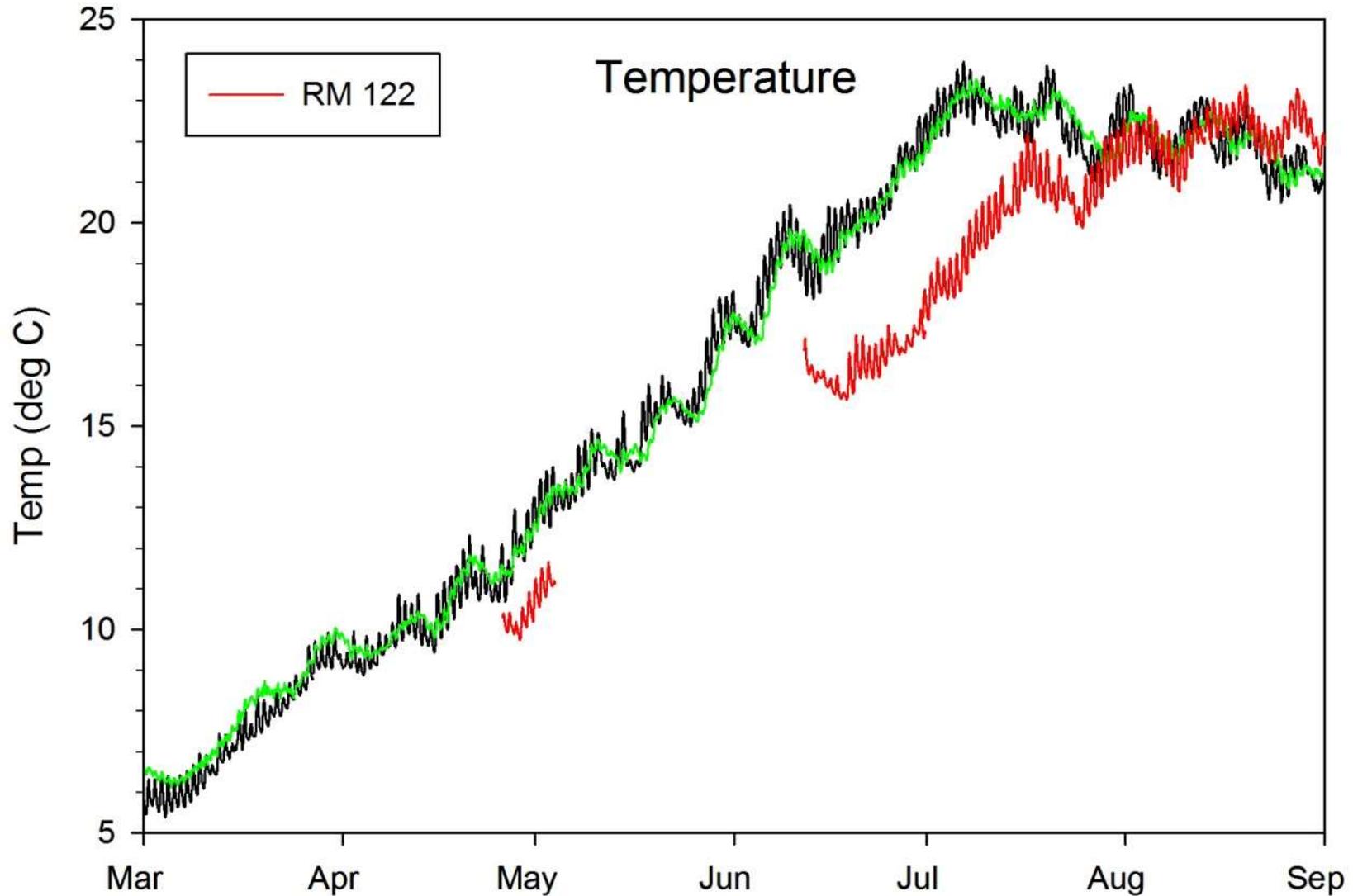
2015 – 2012 comparison

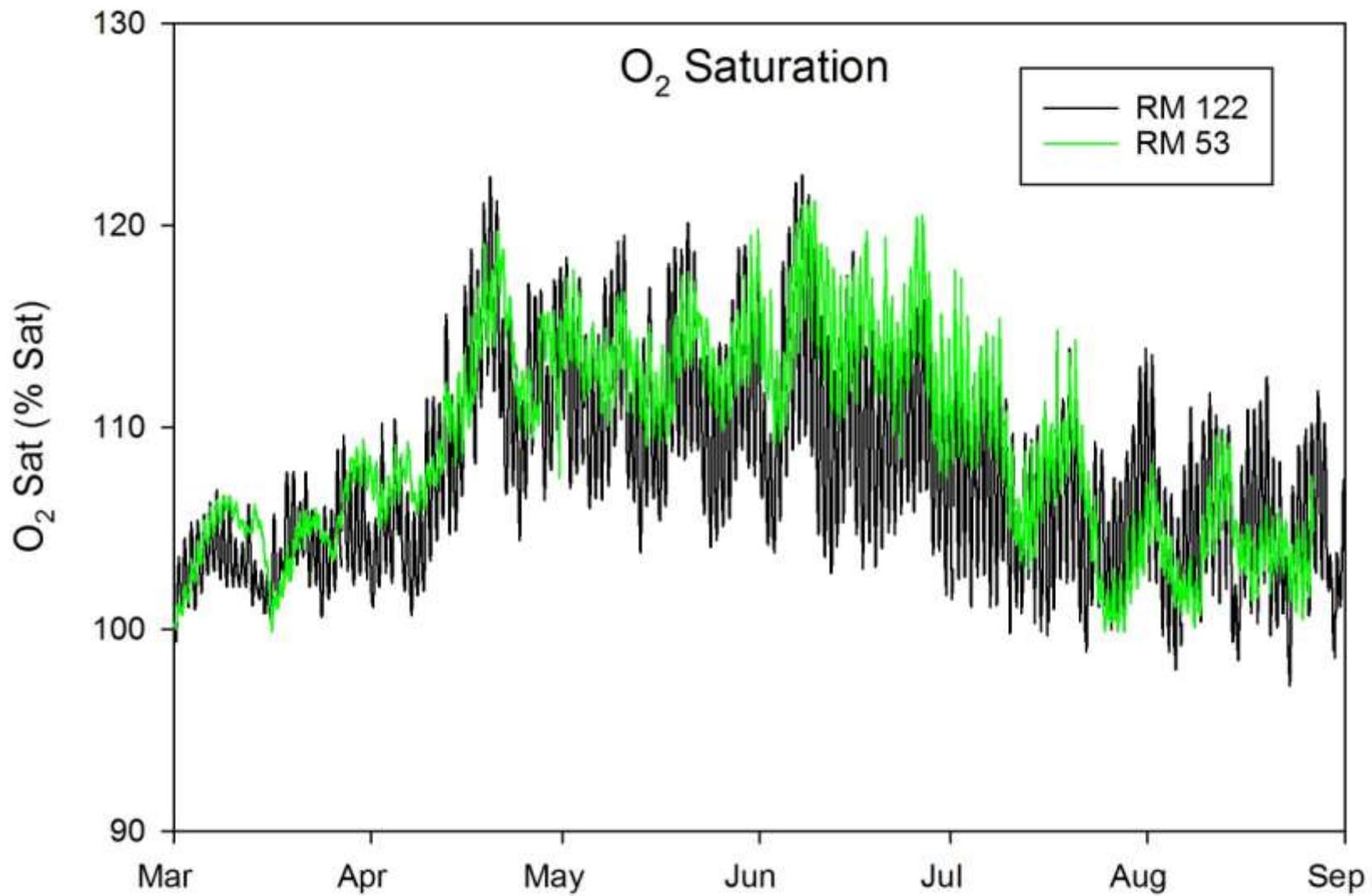


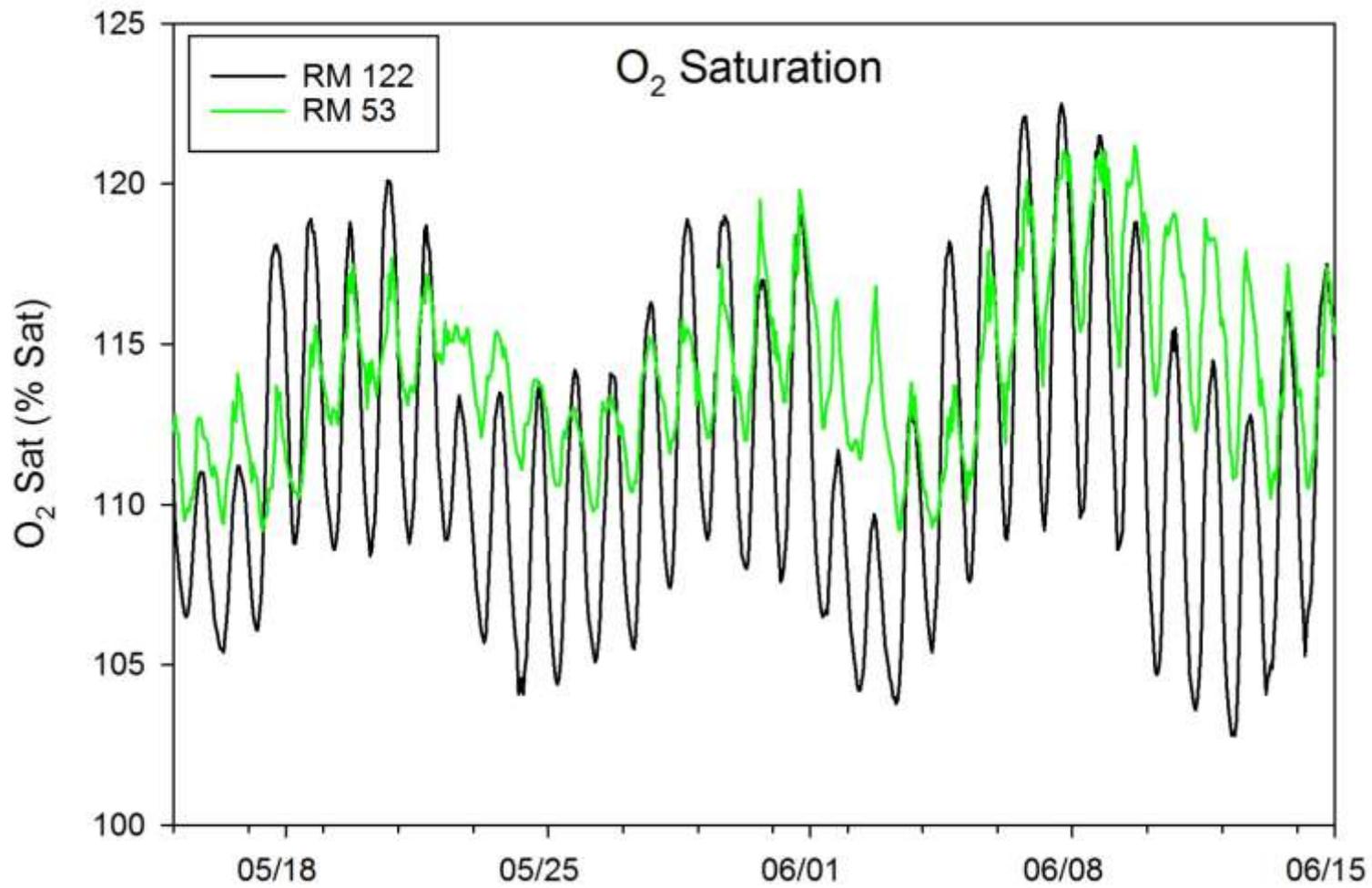
2015 – 2013 comparison

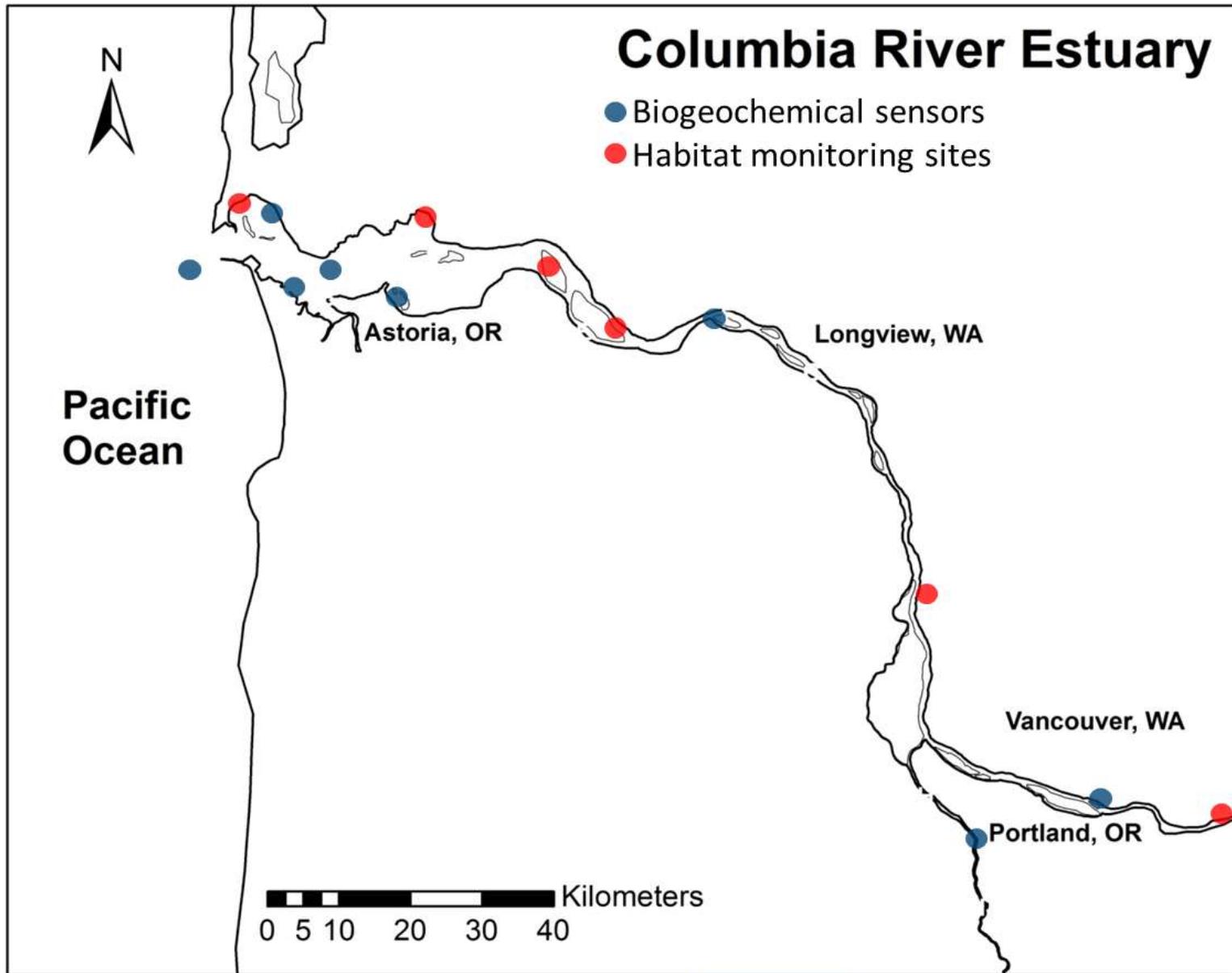


2015 – 2014 comparison

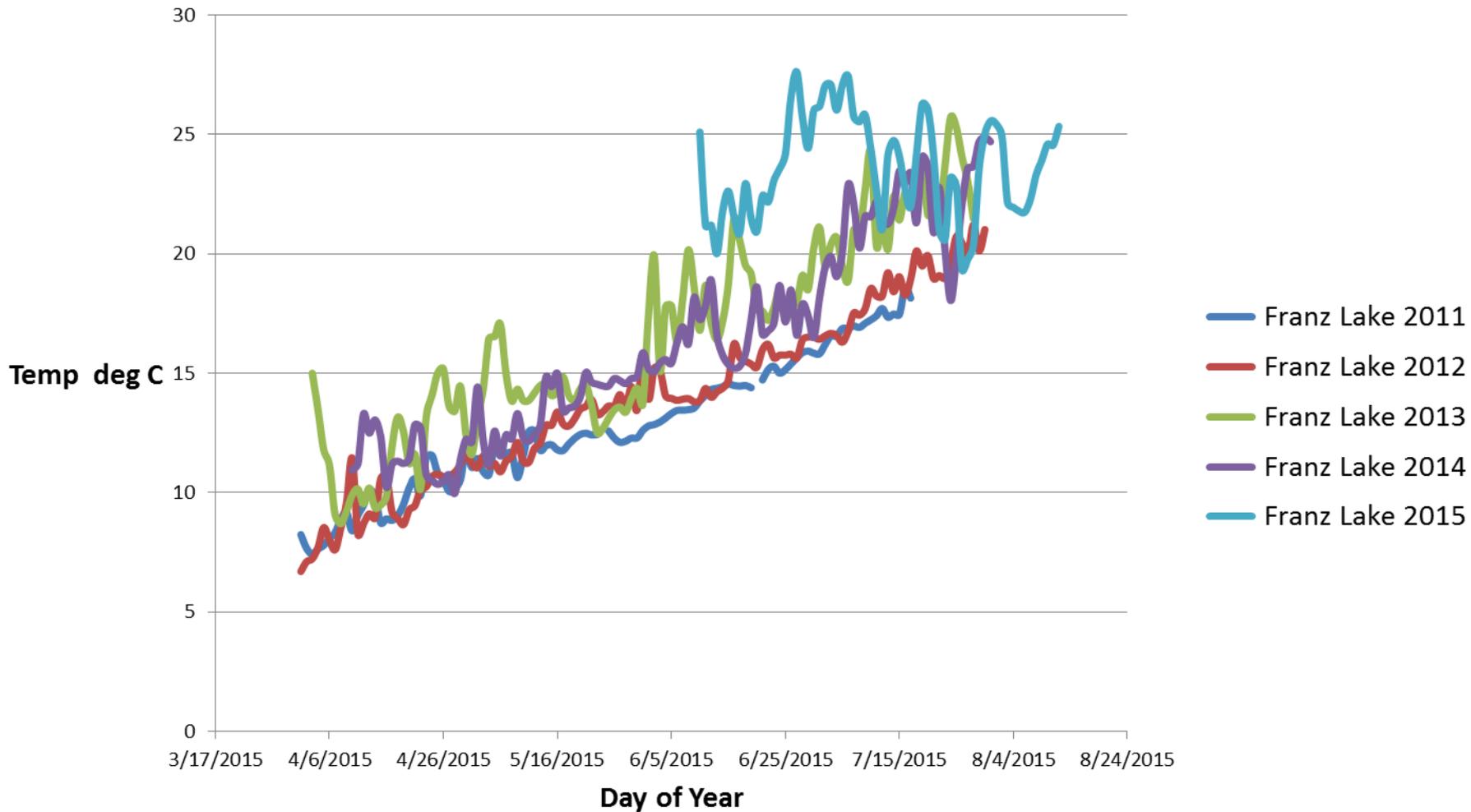




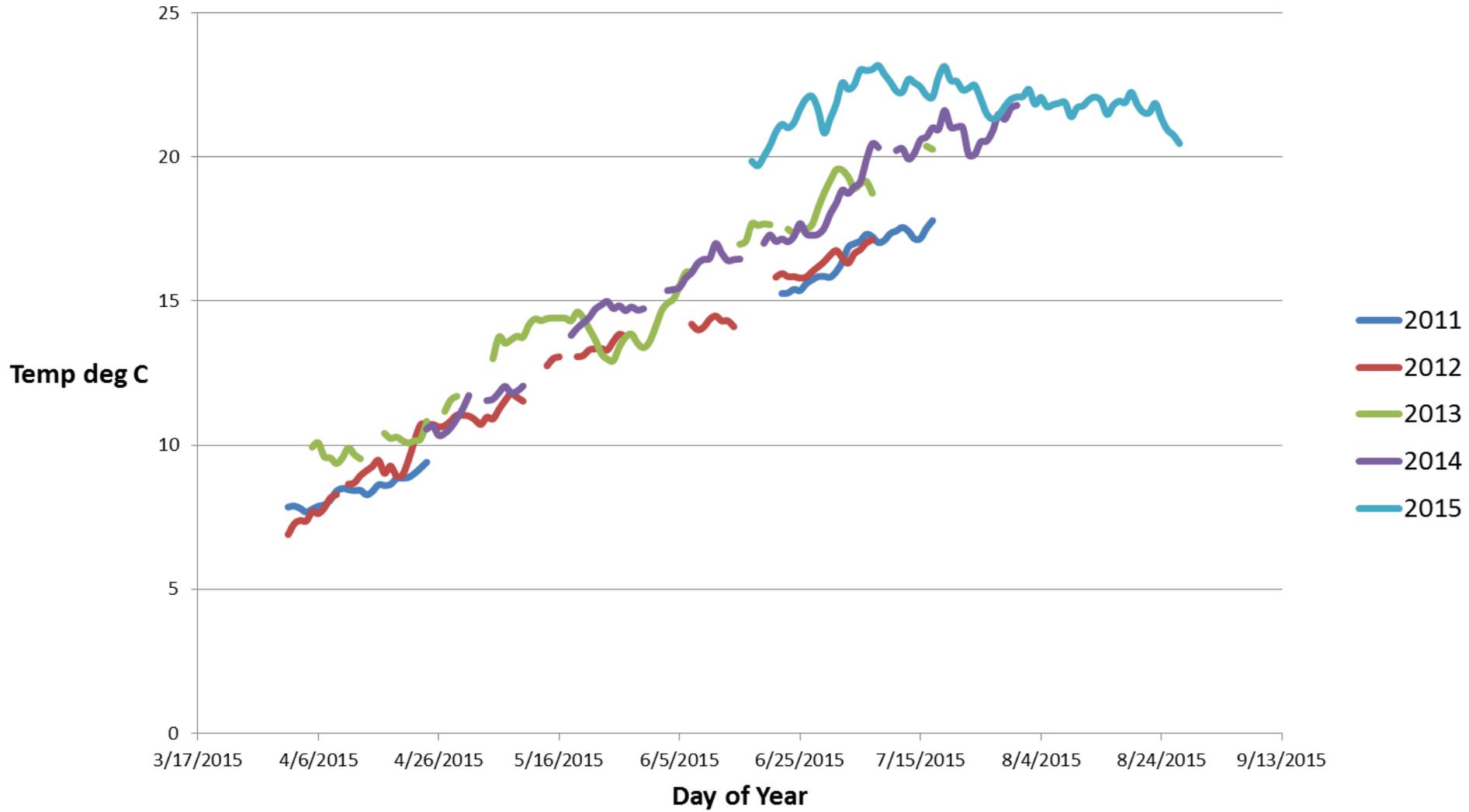




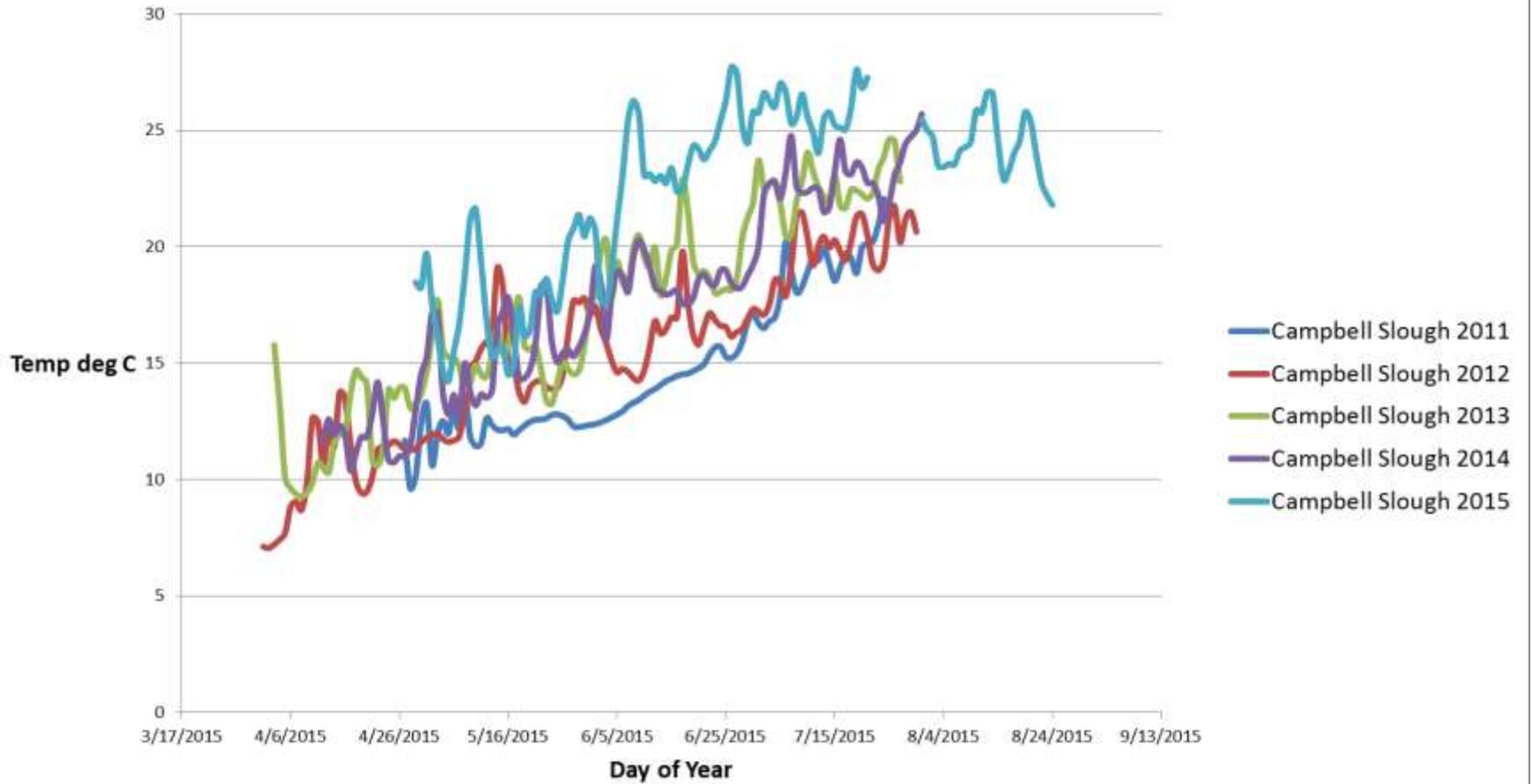
Franz Lake 2011-2015



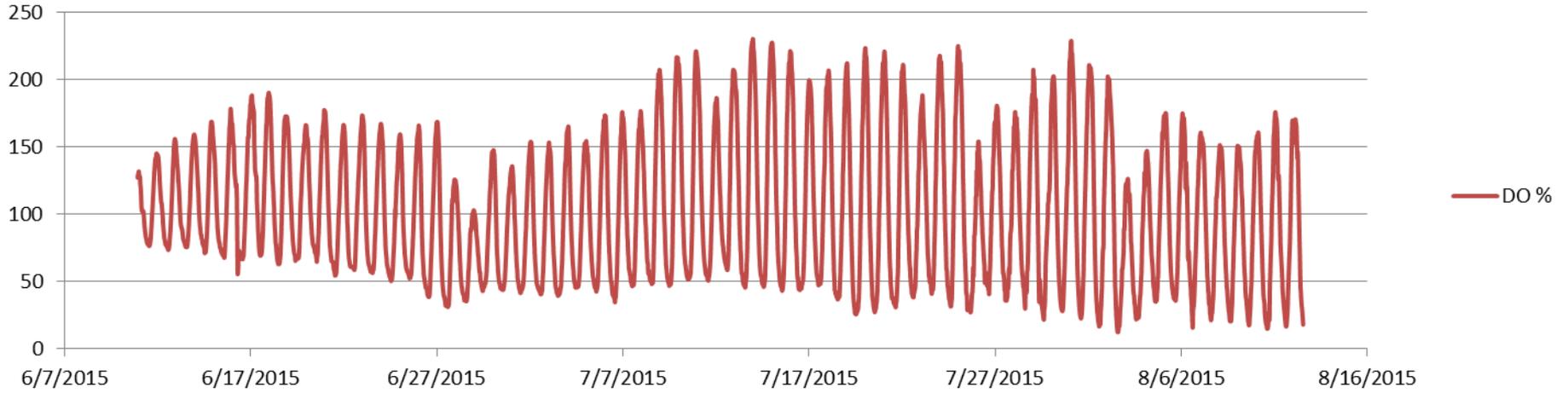
Whites Island 2011-2015



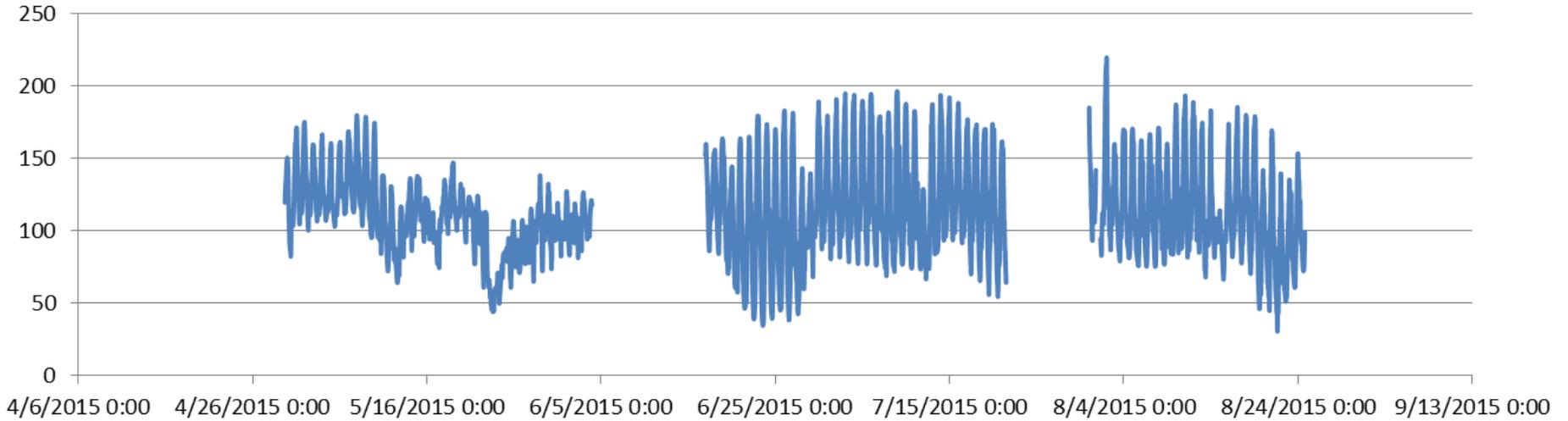
Campbell 2011-2015



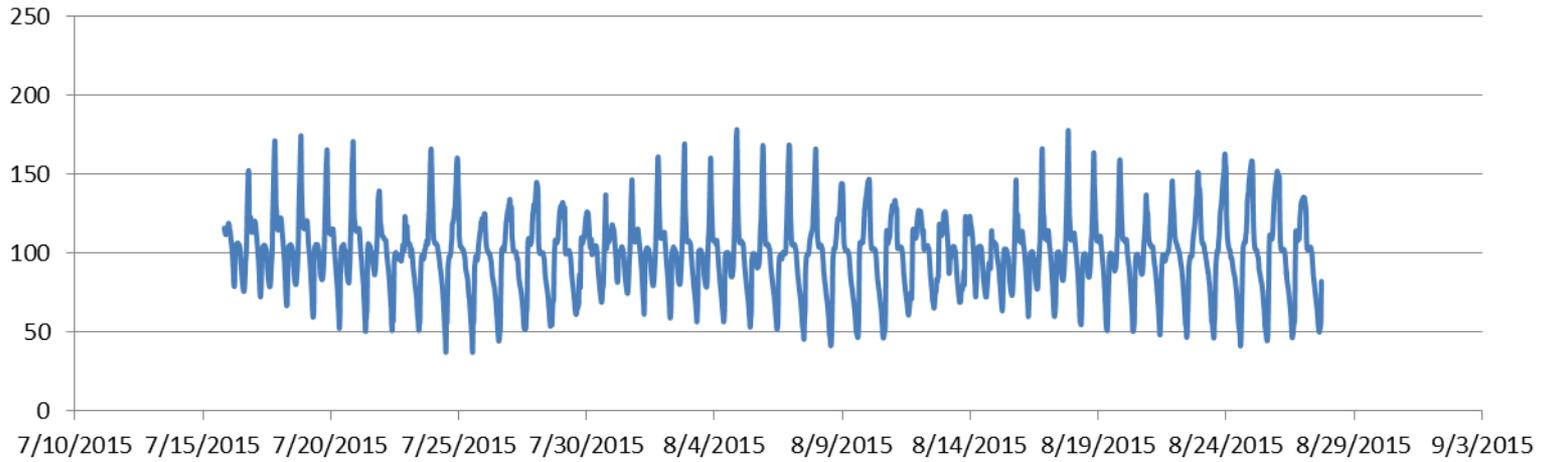
Franz Lake DO %



Campbell Slough DO %



Whites Island DO % Sat



Ilwaco DO % Sat

