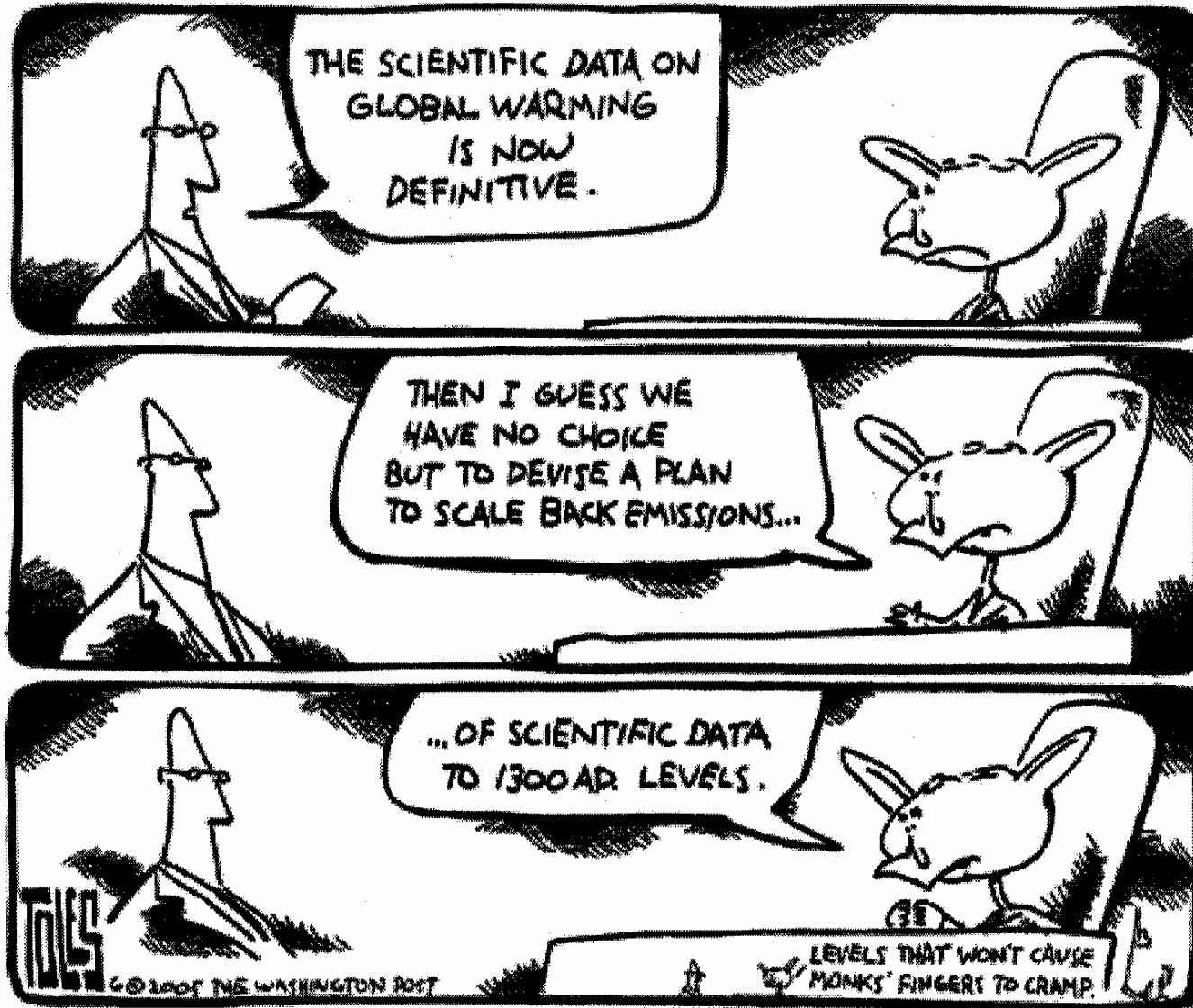


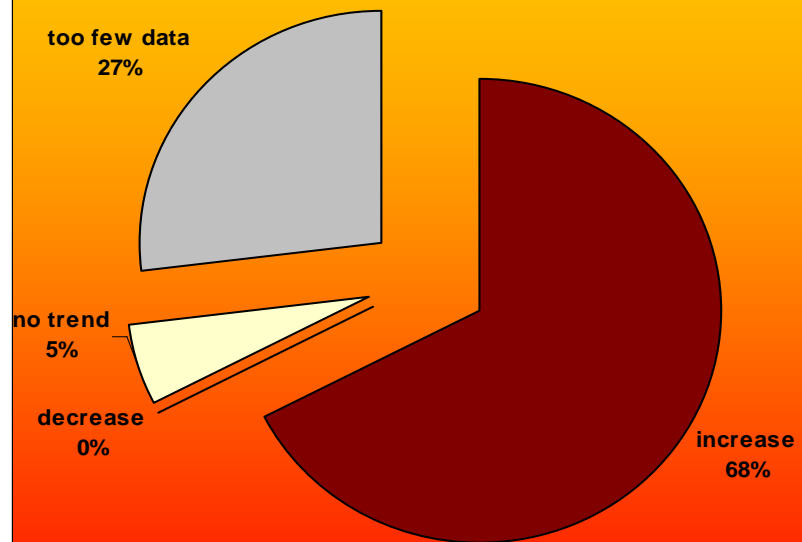
Long Term Temperature Data



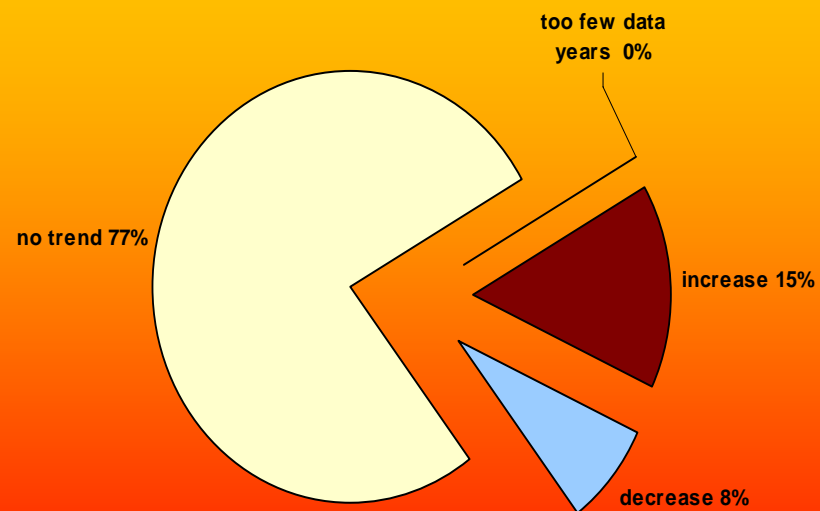
It's like good looks-

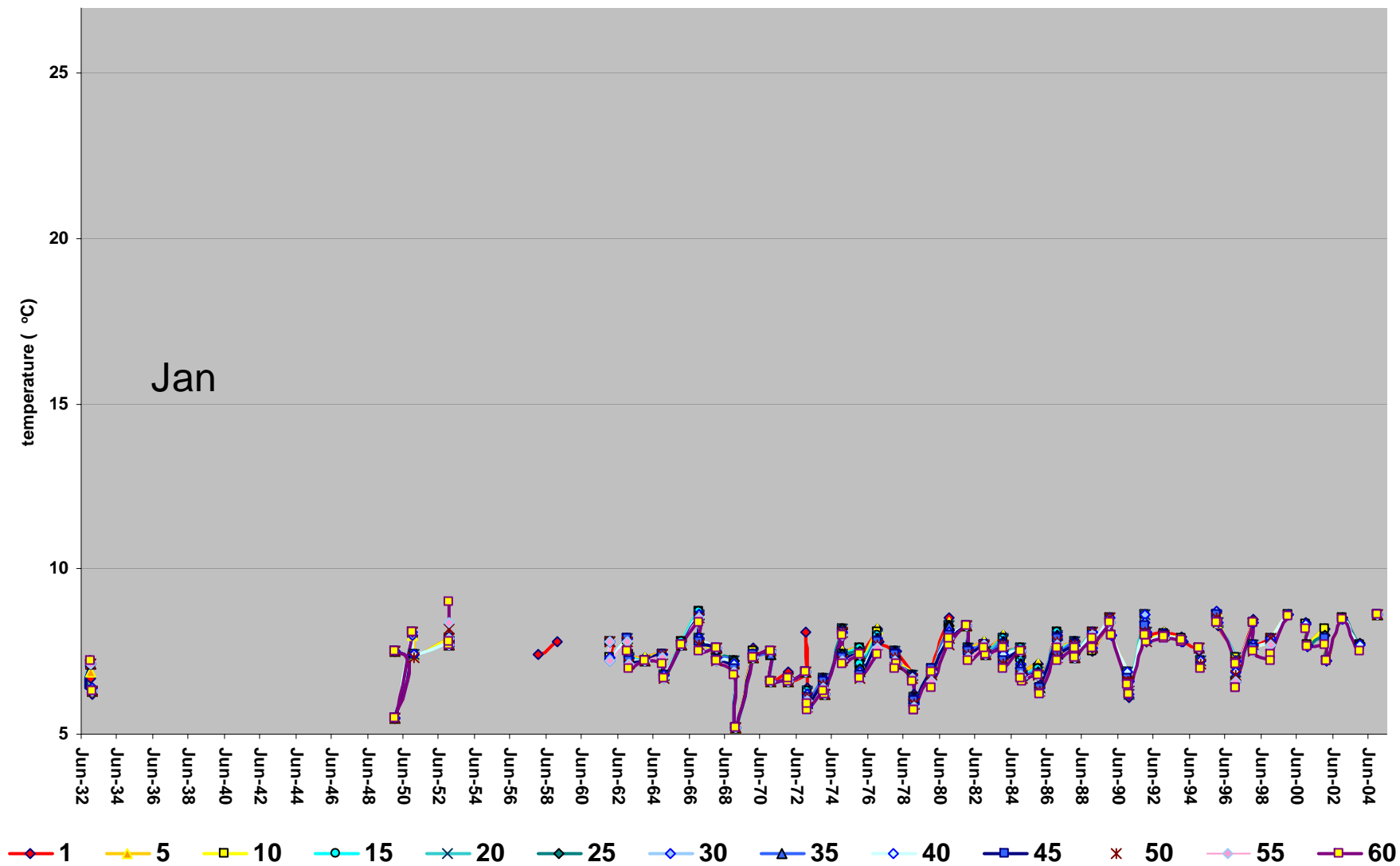
If you don't have enough, blame it on your grandmother

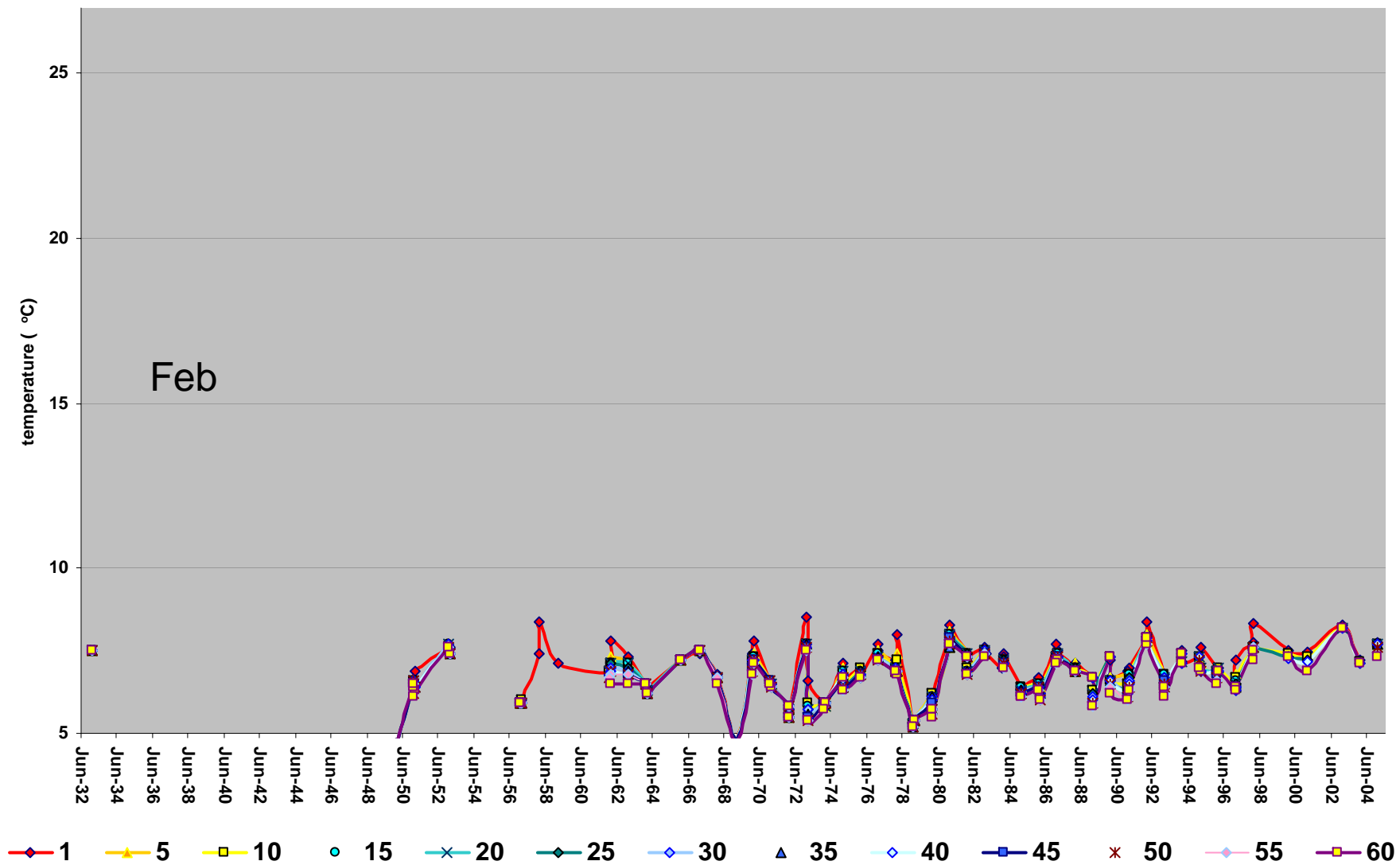
WRIA 8
Increasing Temperature Trends
1979 - 2004
(n = 37)

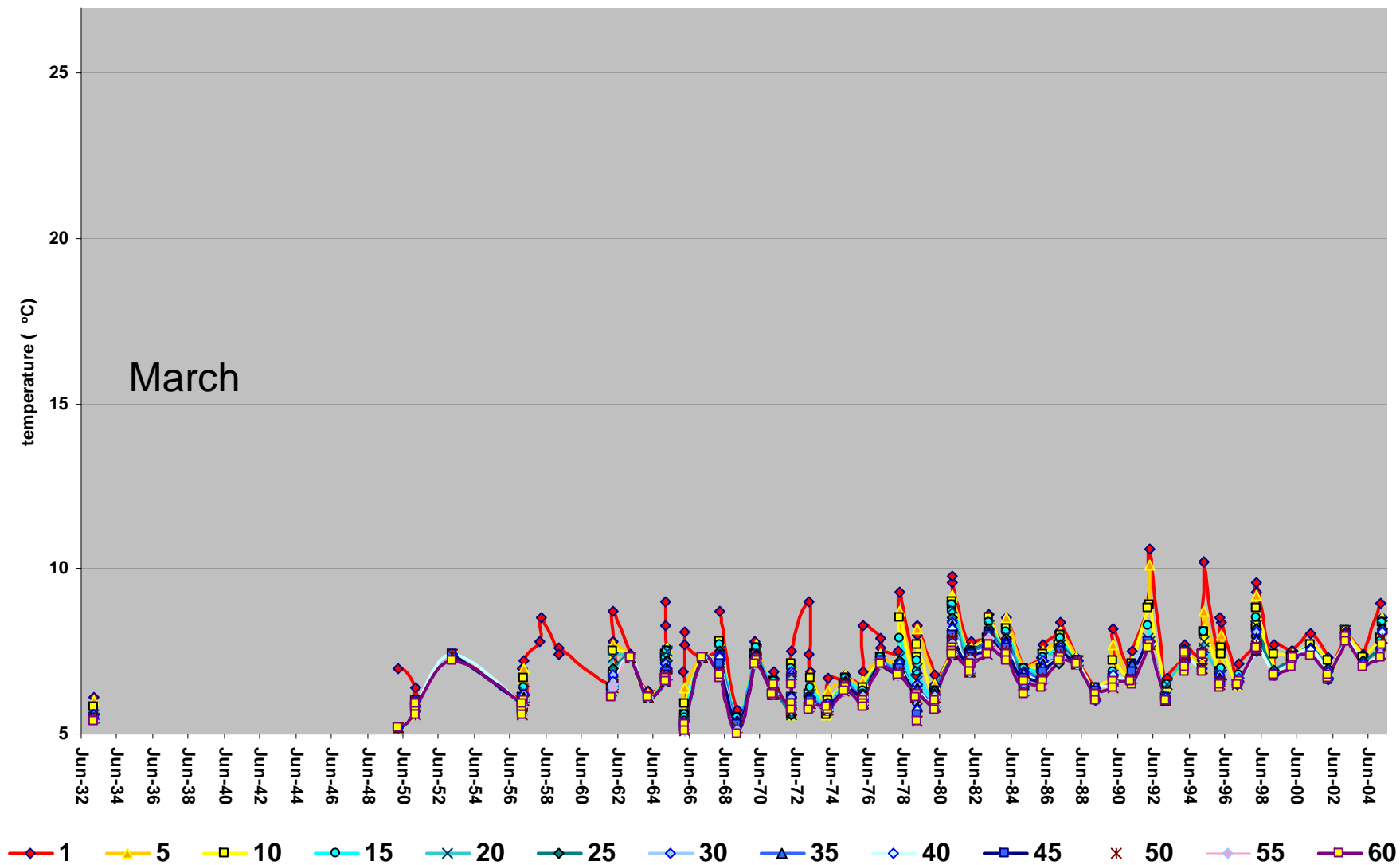


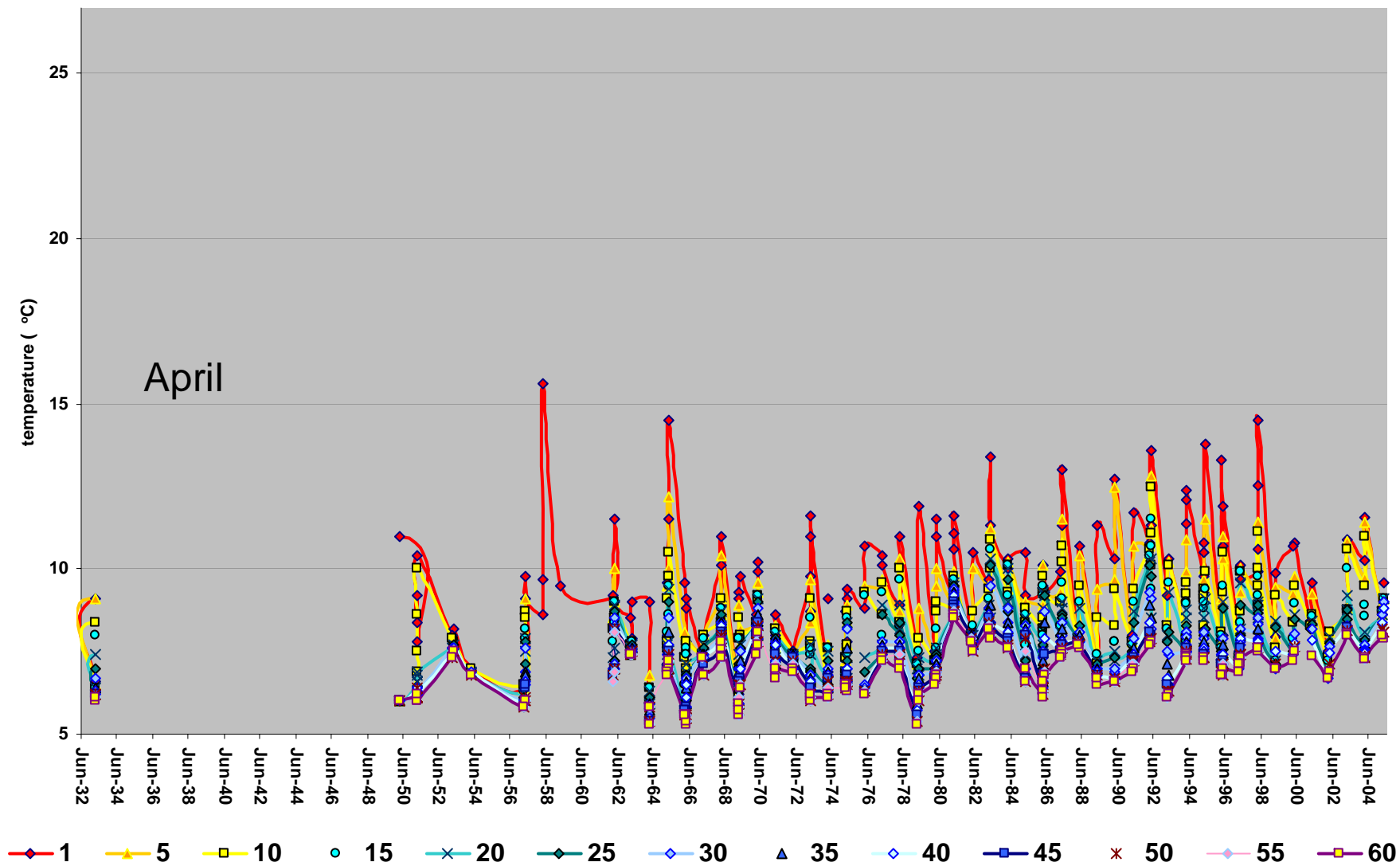
WRIA 9
Increasing Temperature Trends
1979 - 2004
(n =13)

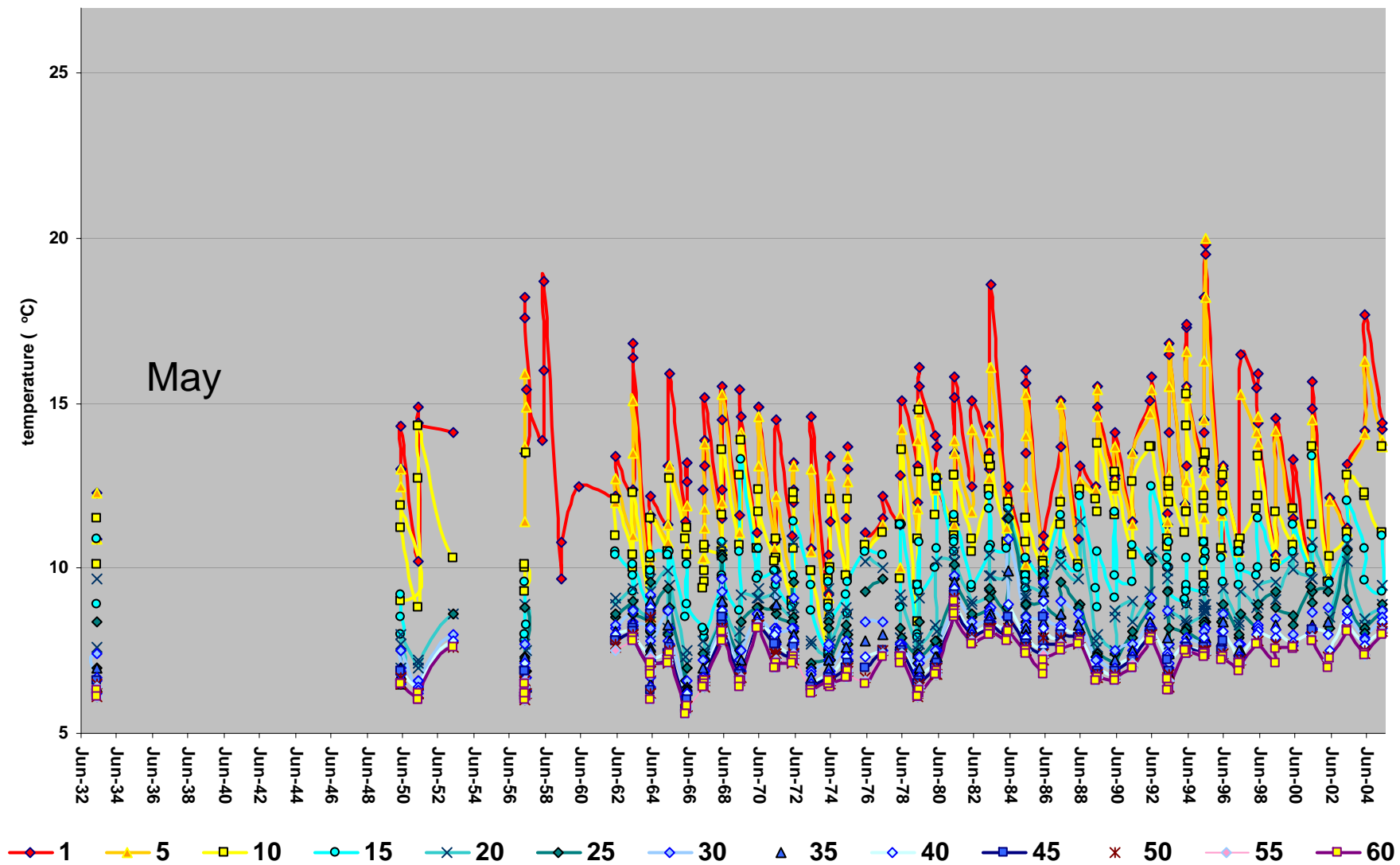


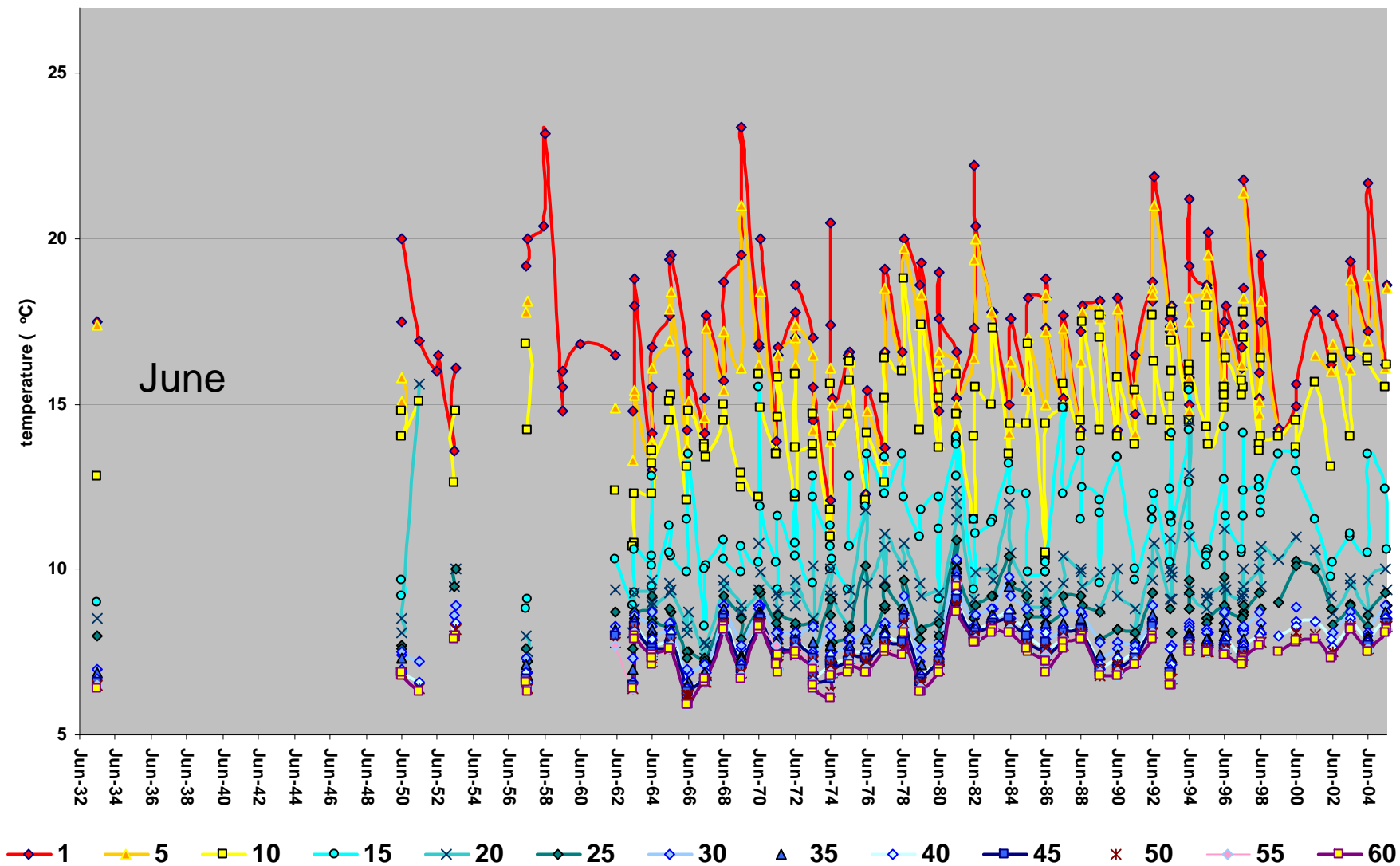


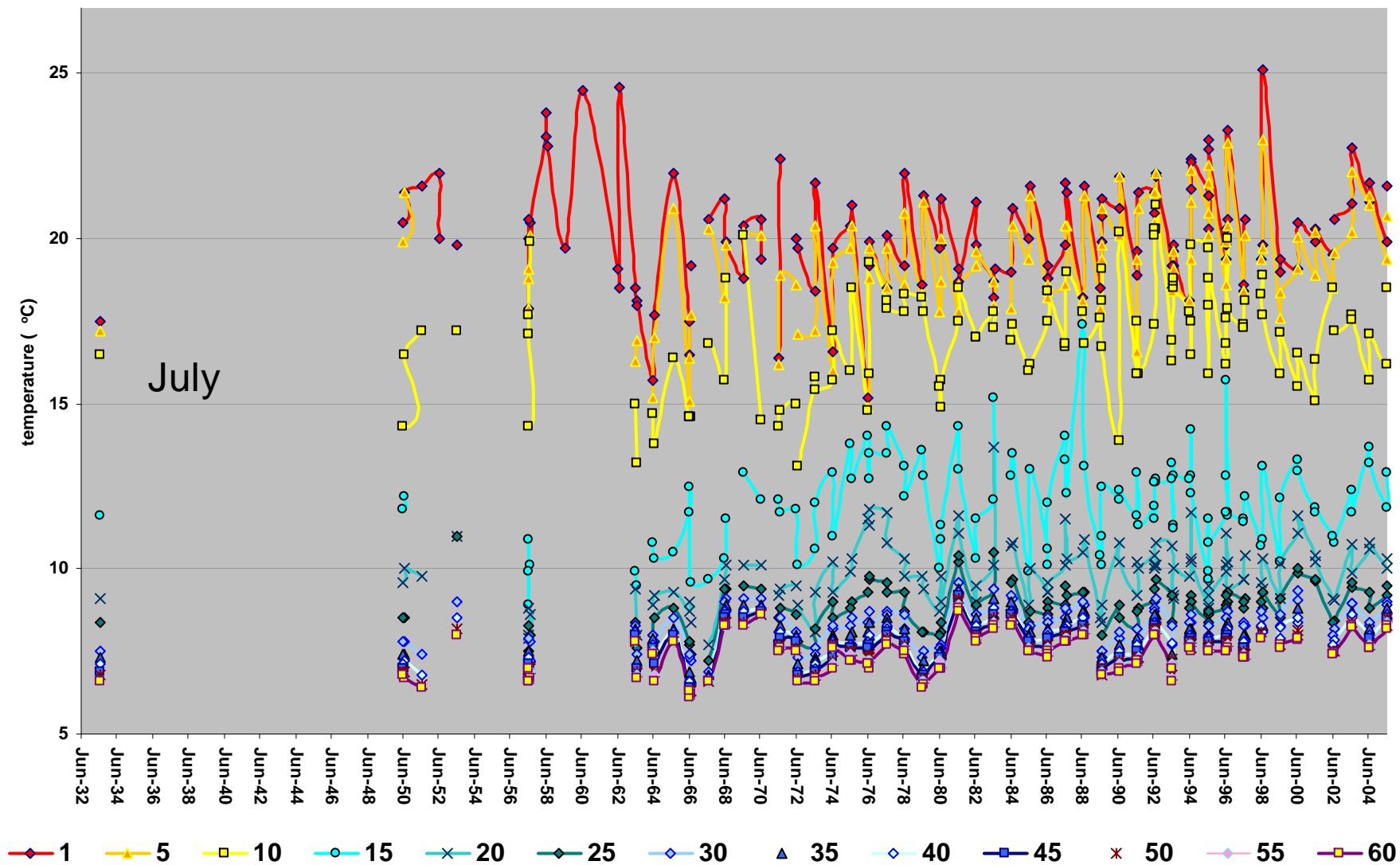


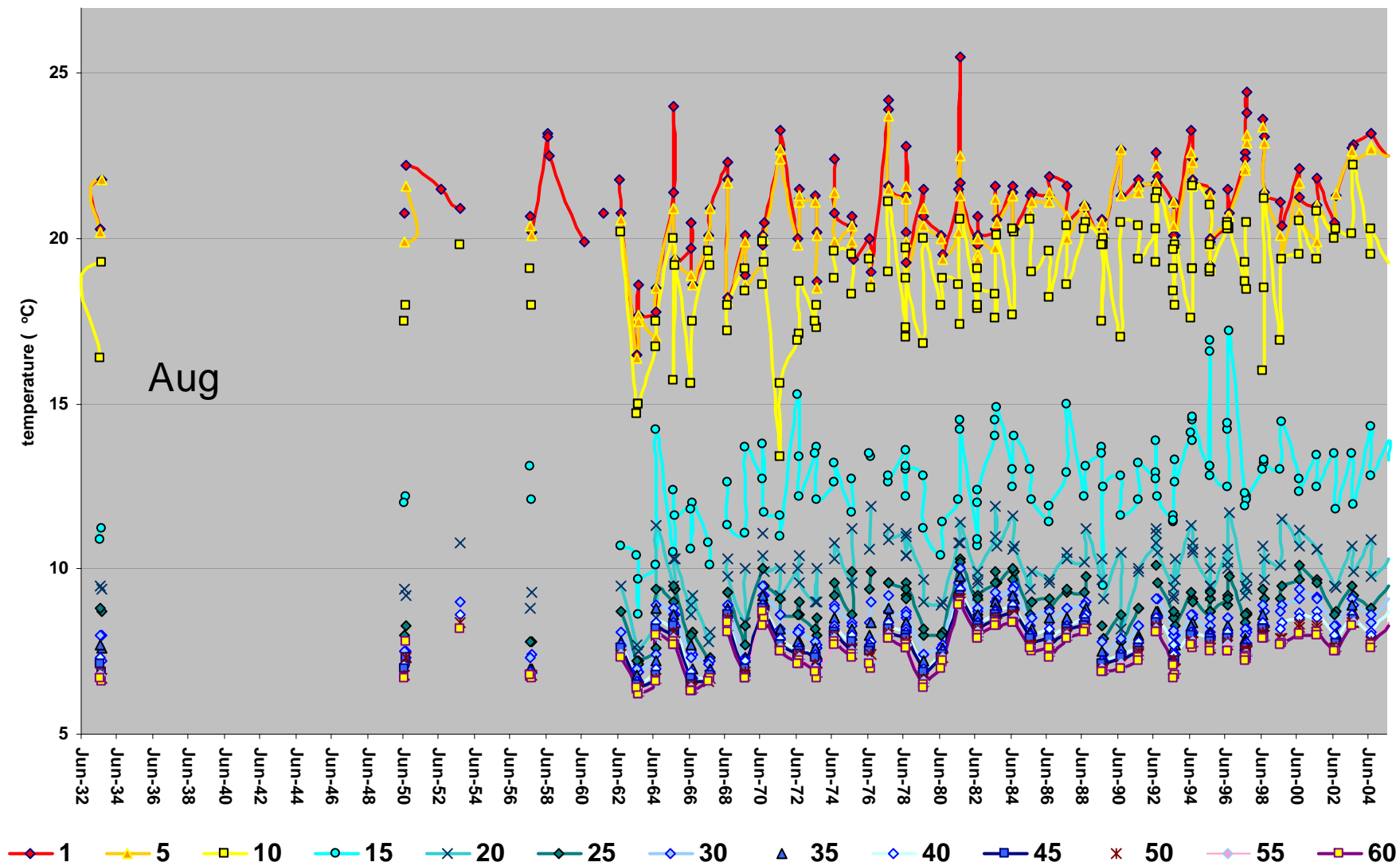


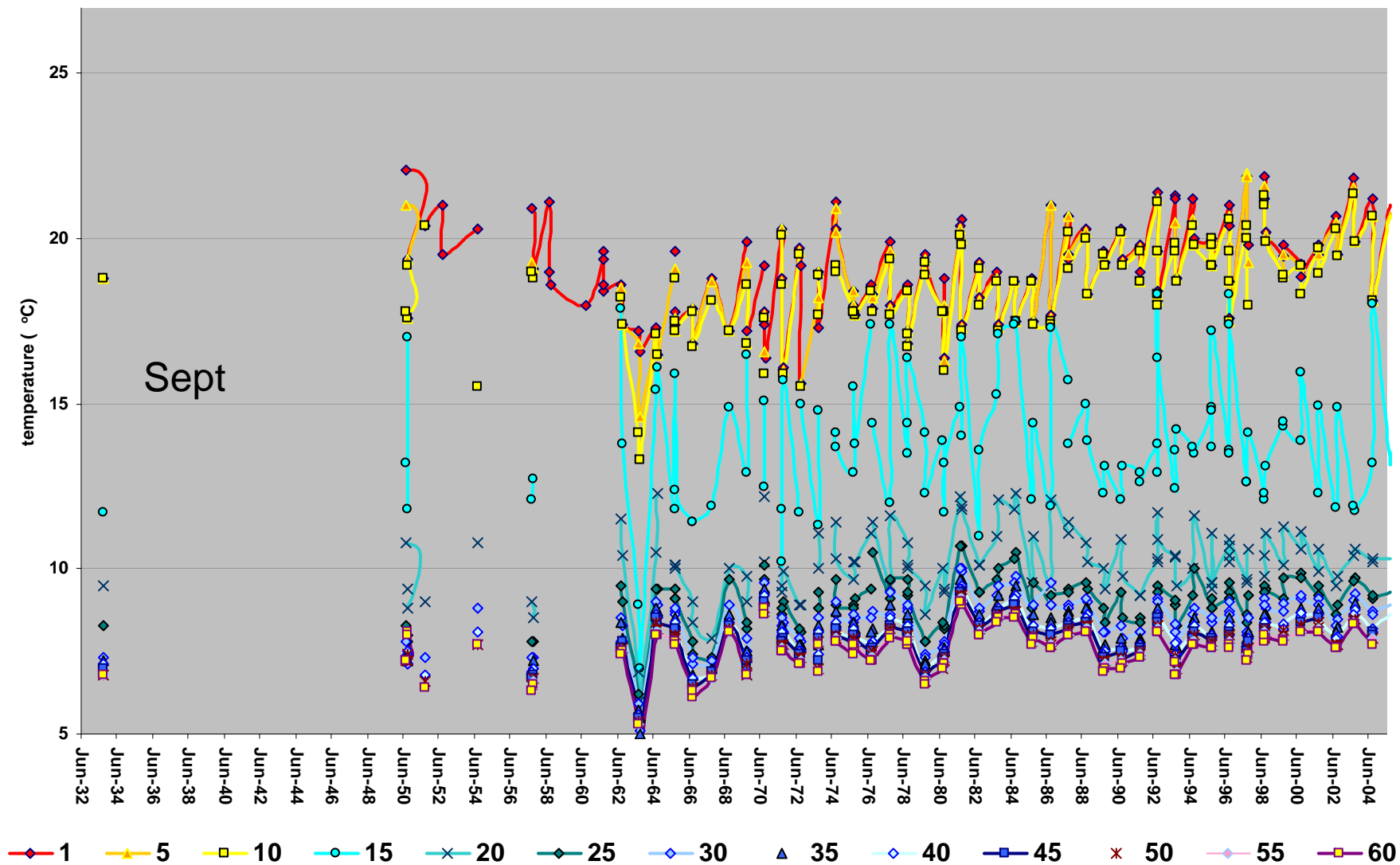


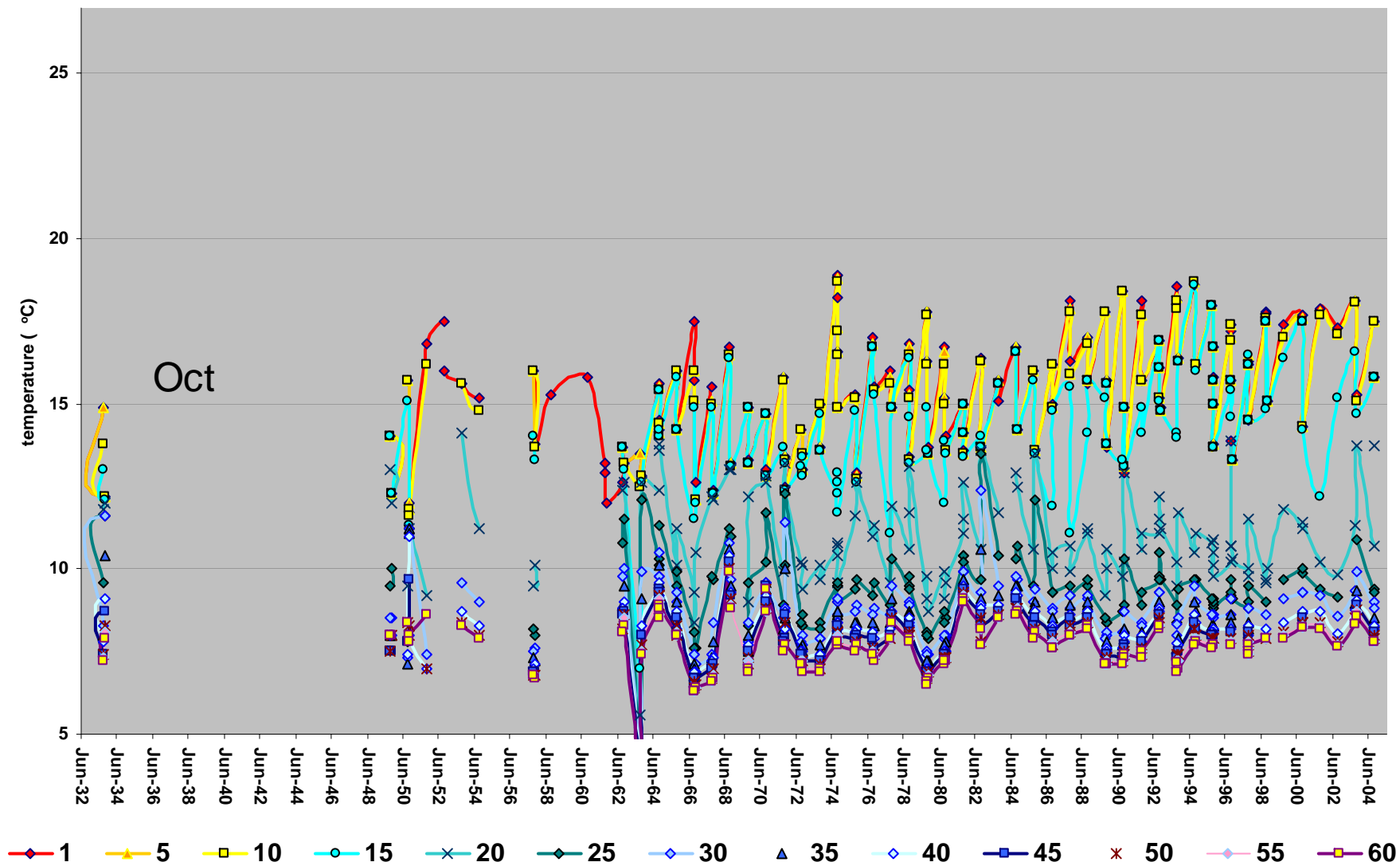


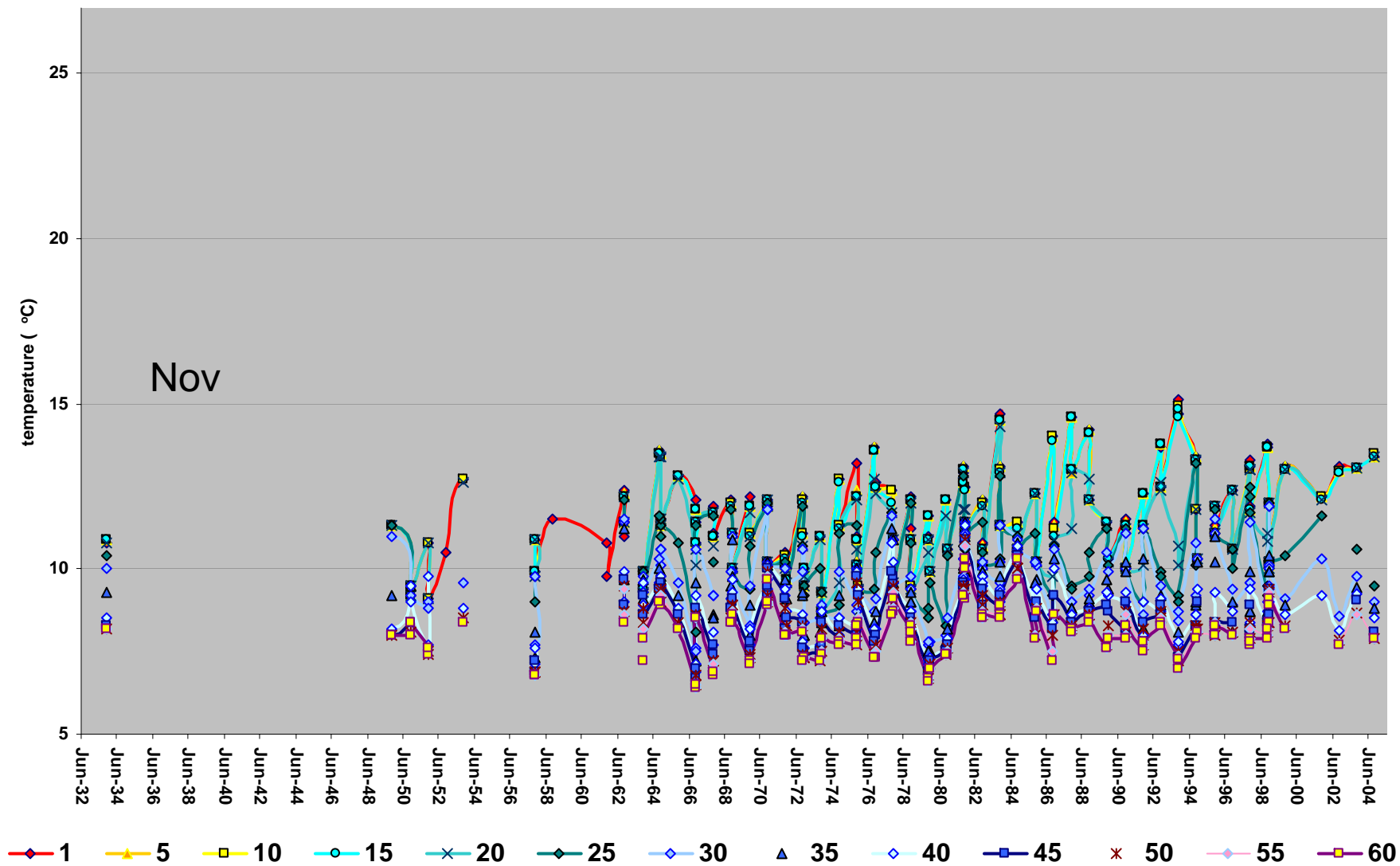


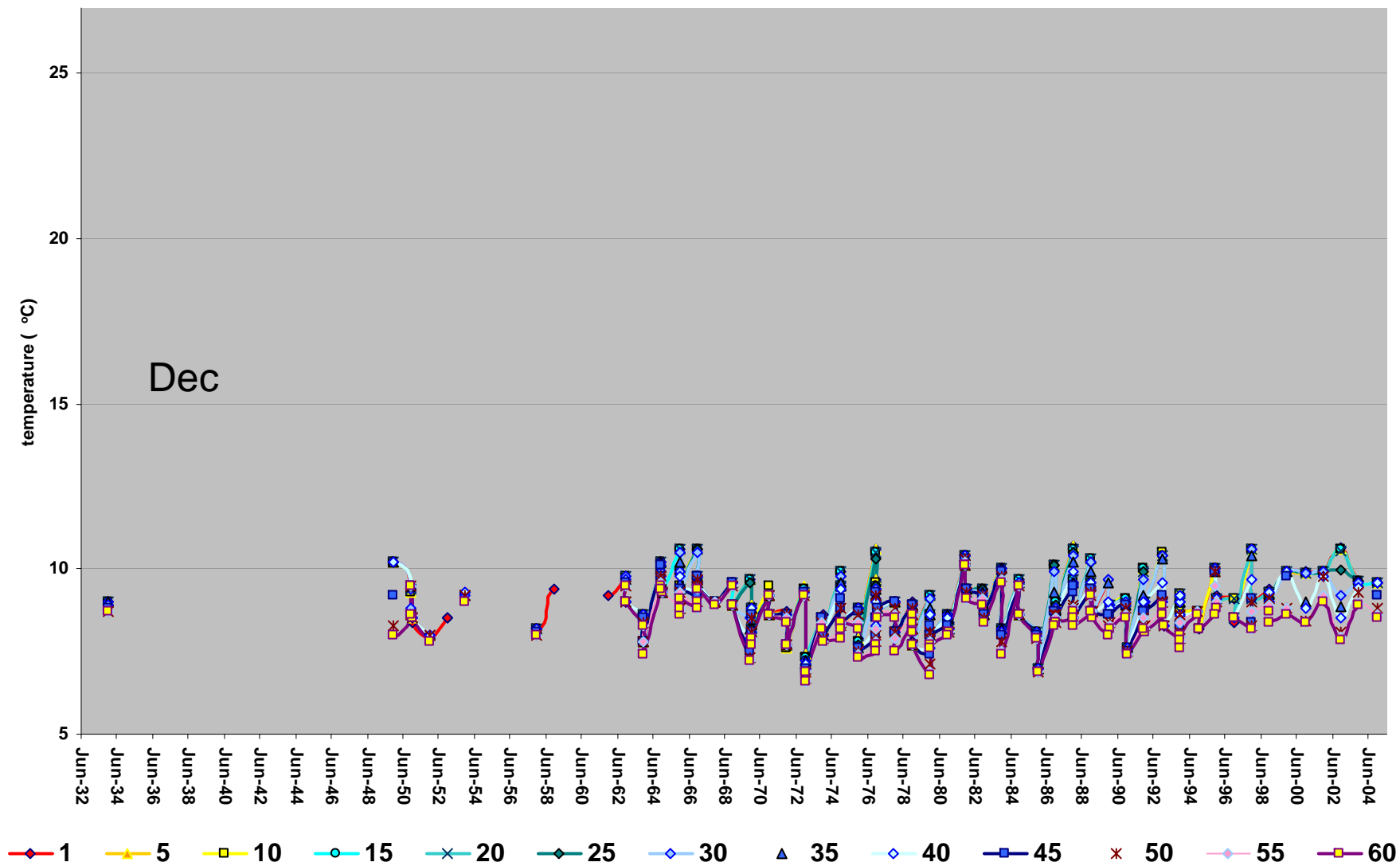




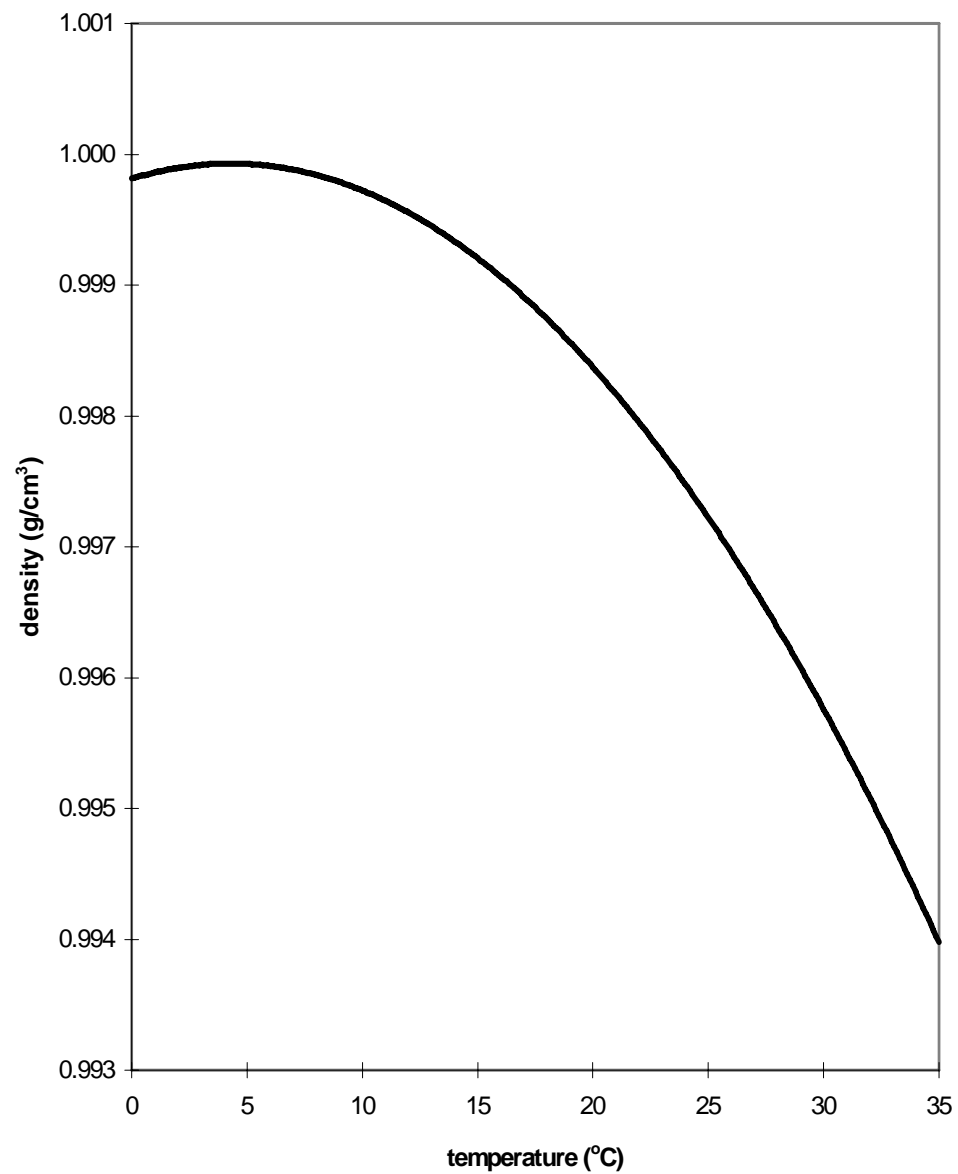




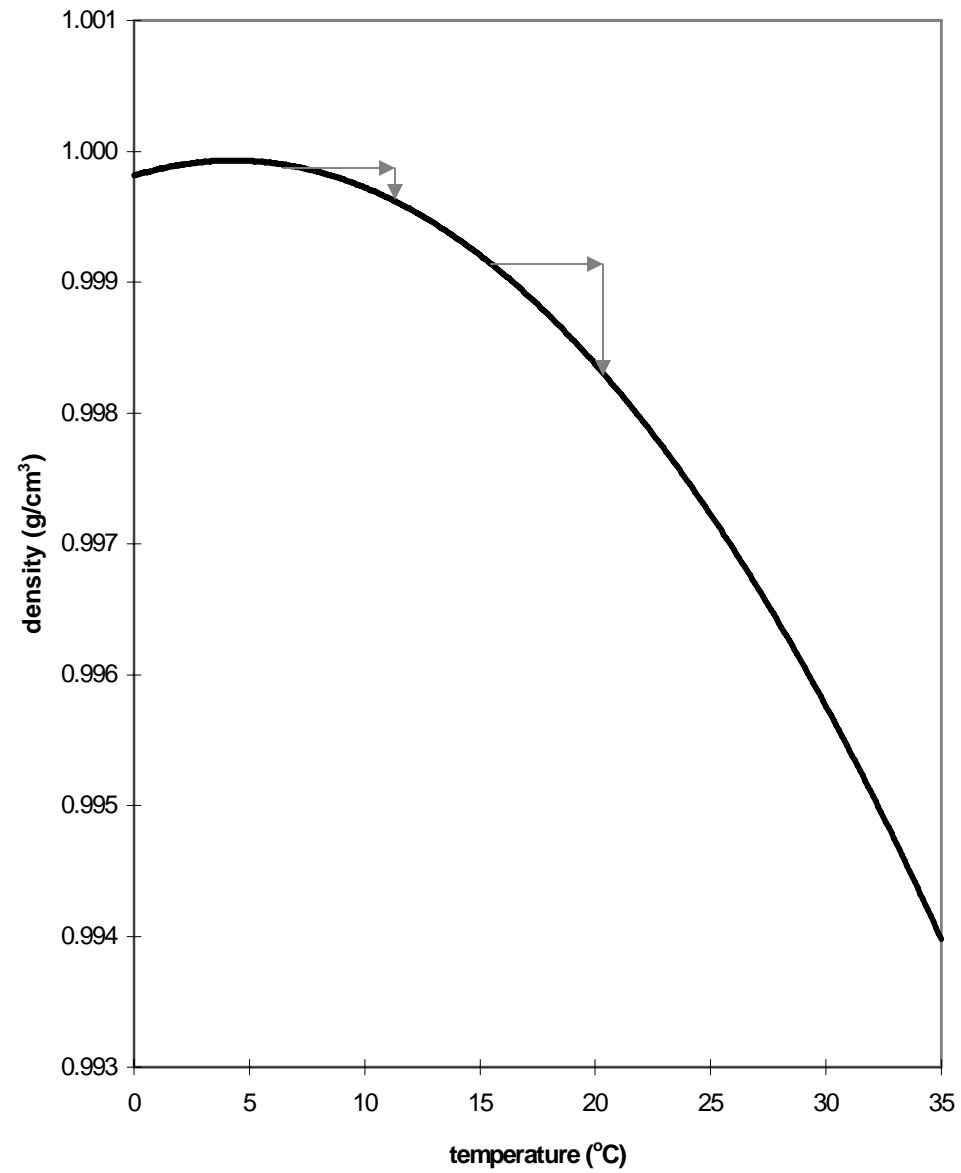


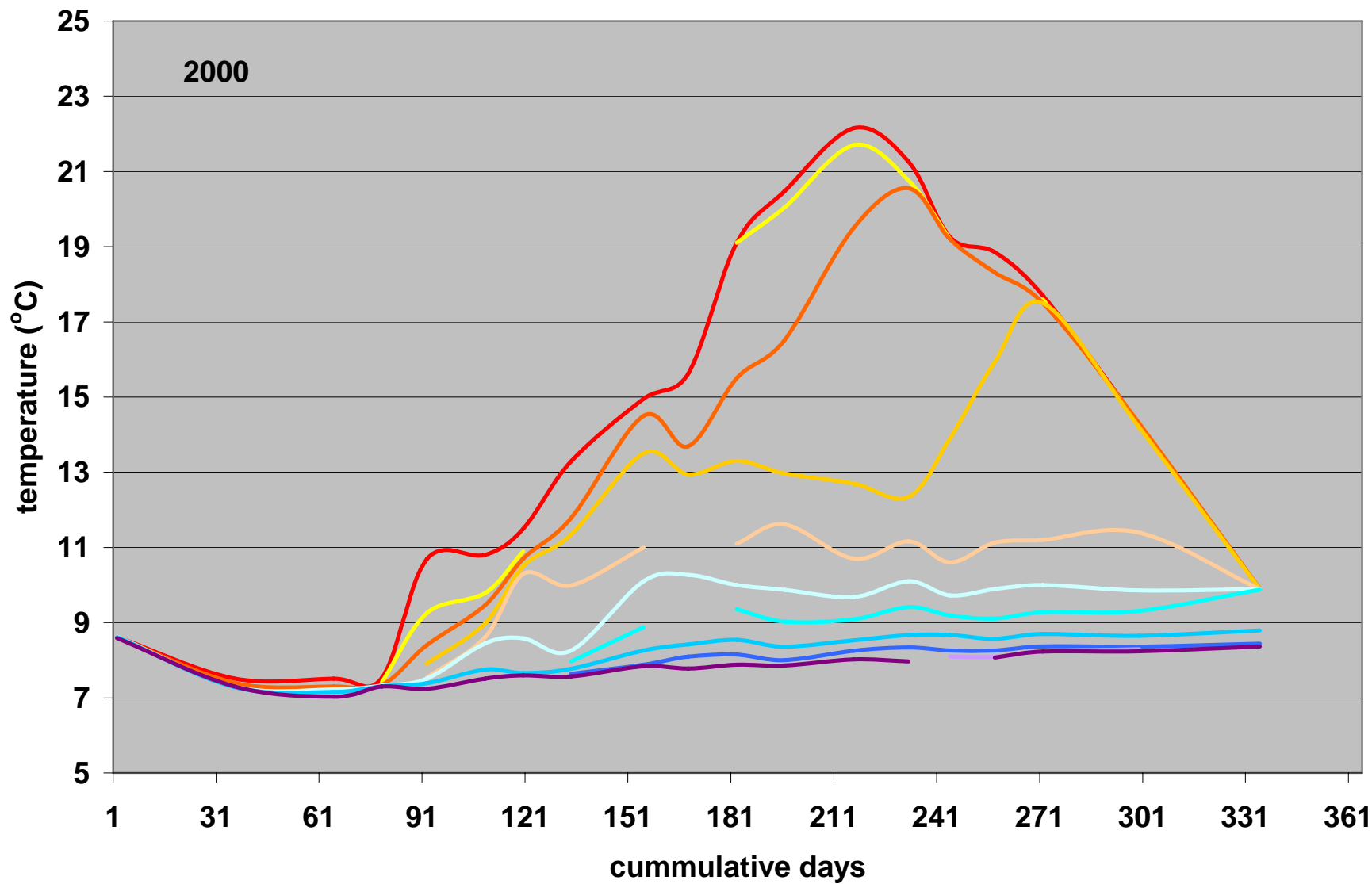


Relationship between Temperature and Density of Freshwater

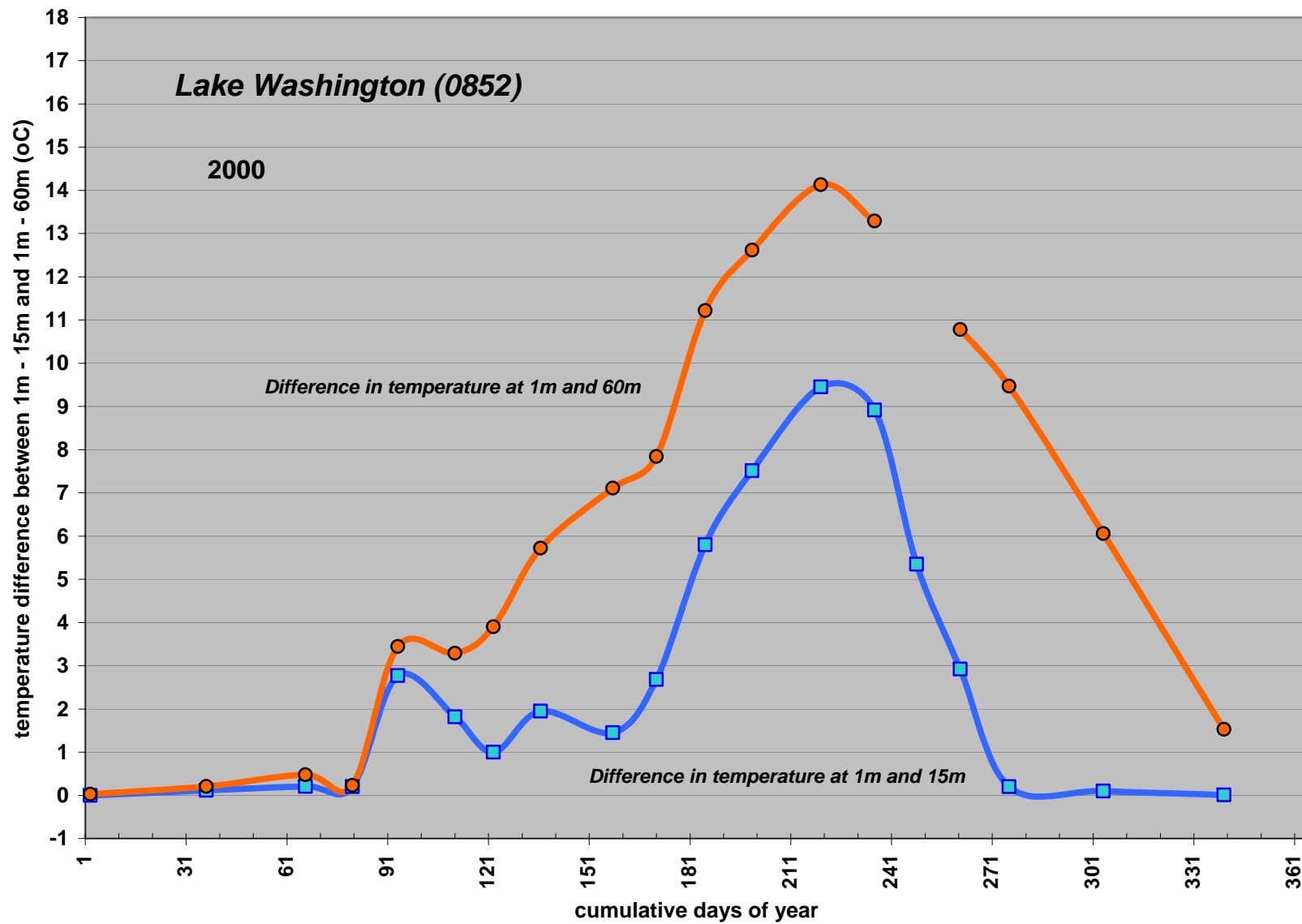


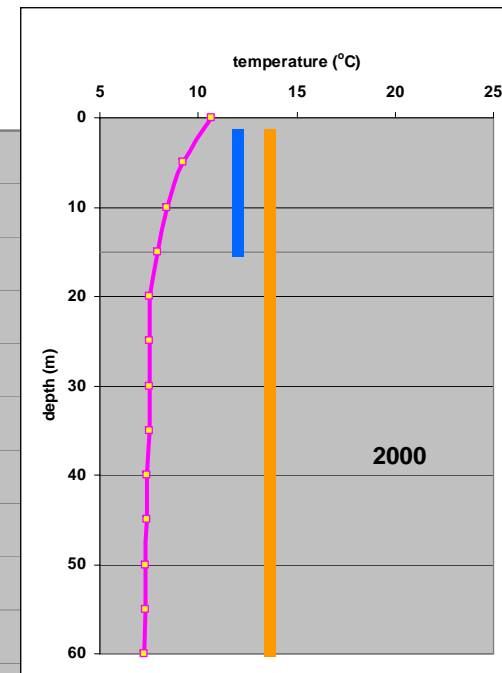
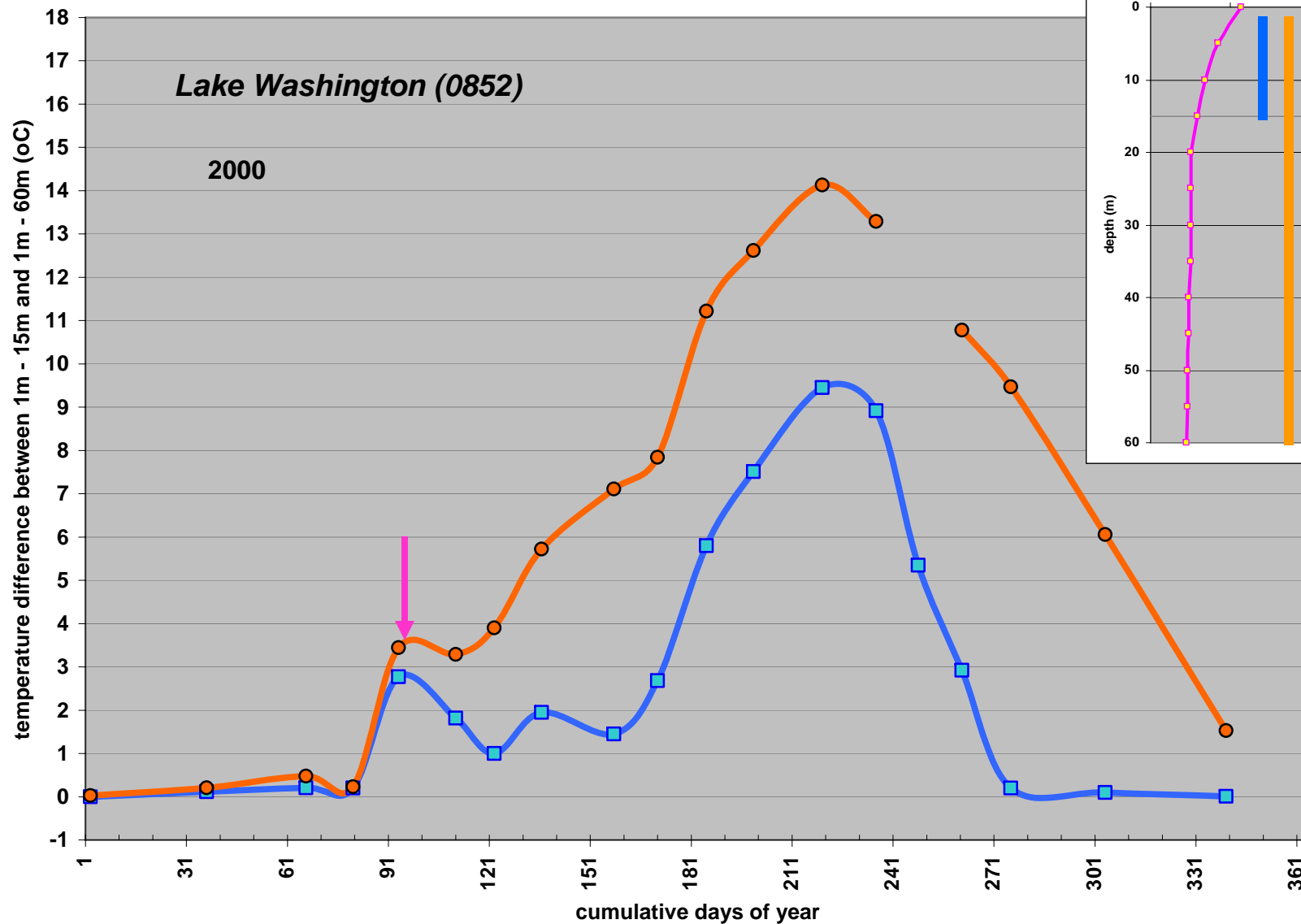
Relationship between Temperature and Density of Freshwater

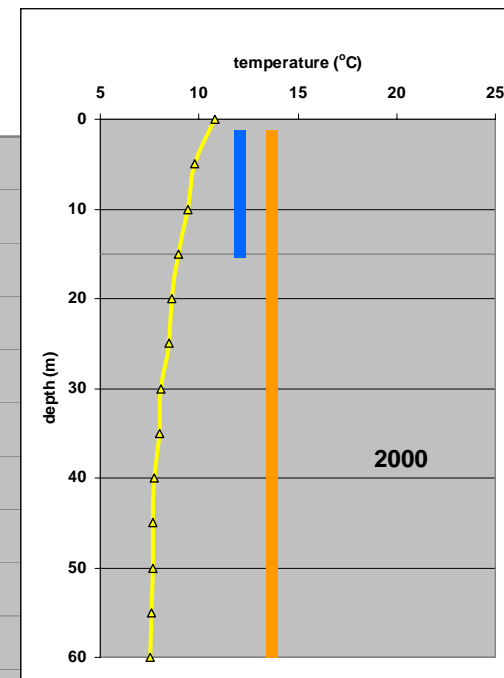
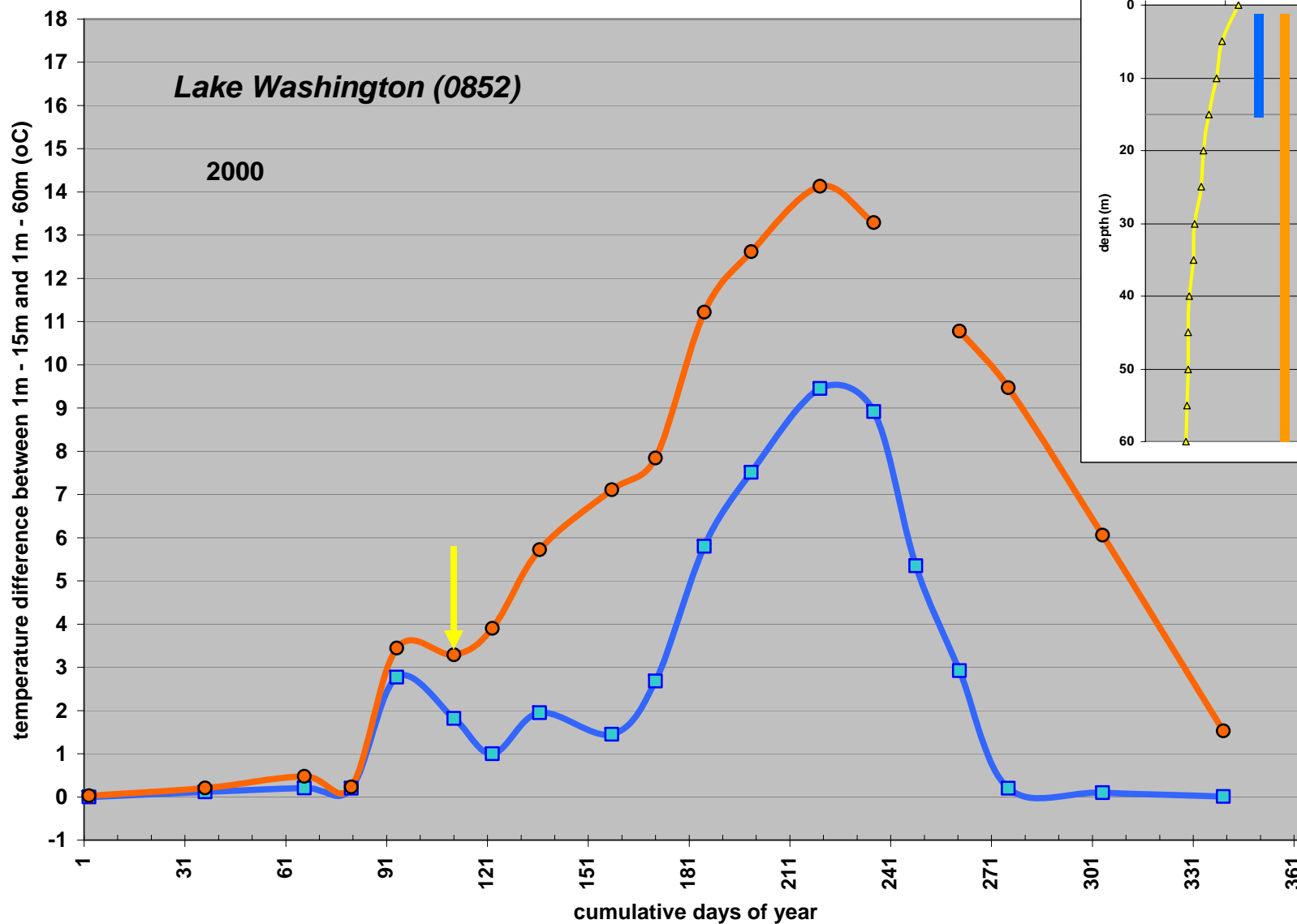


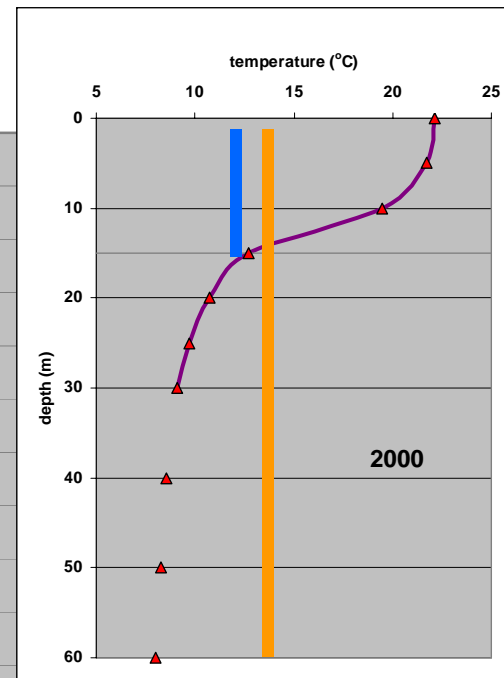
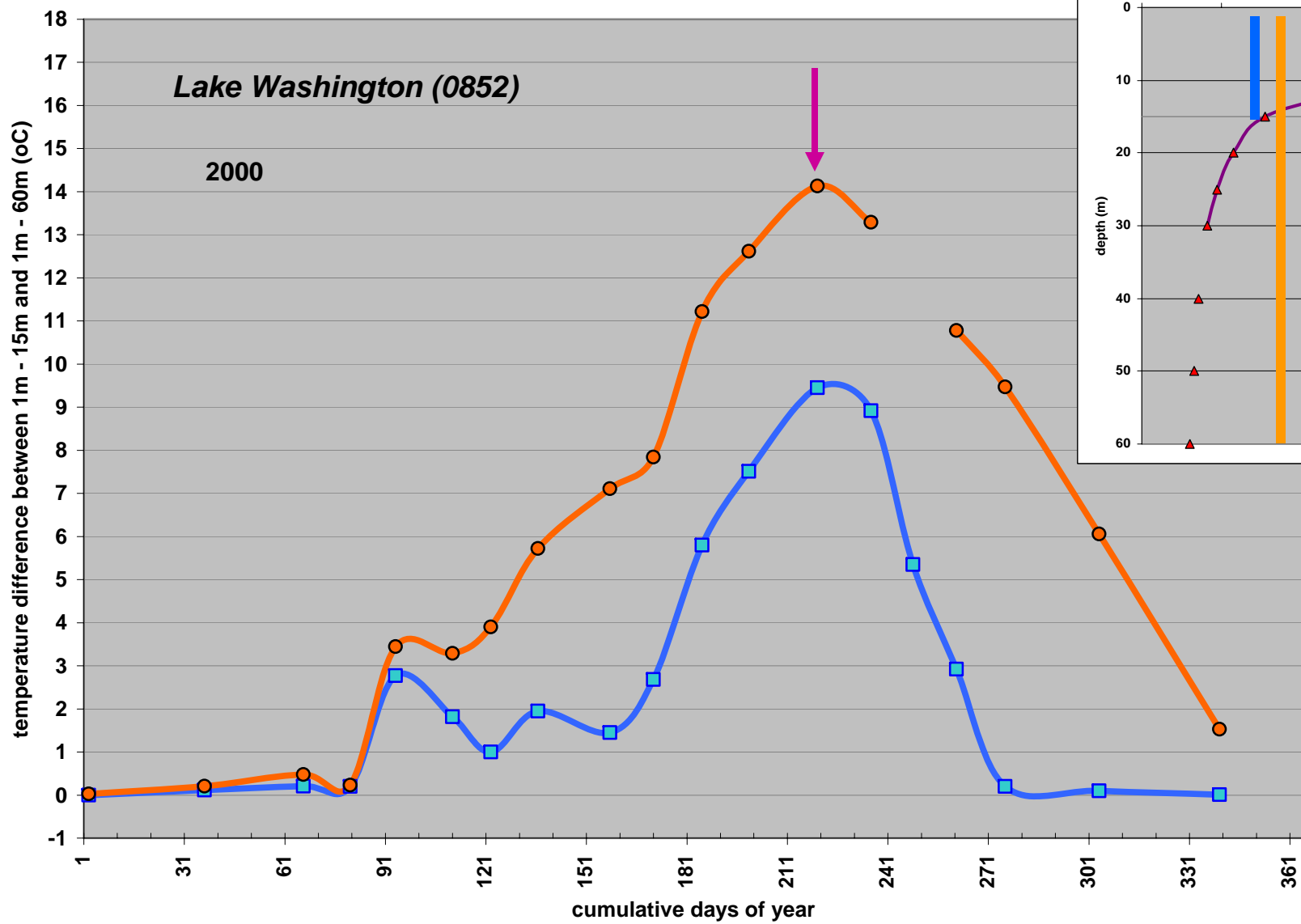


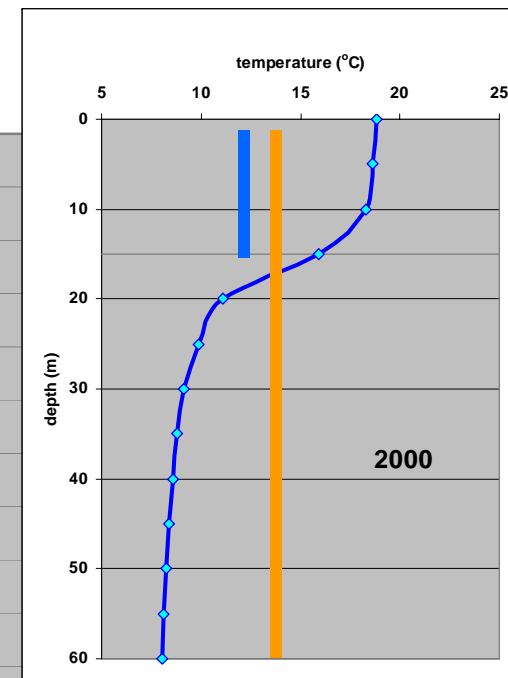
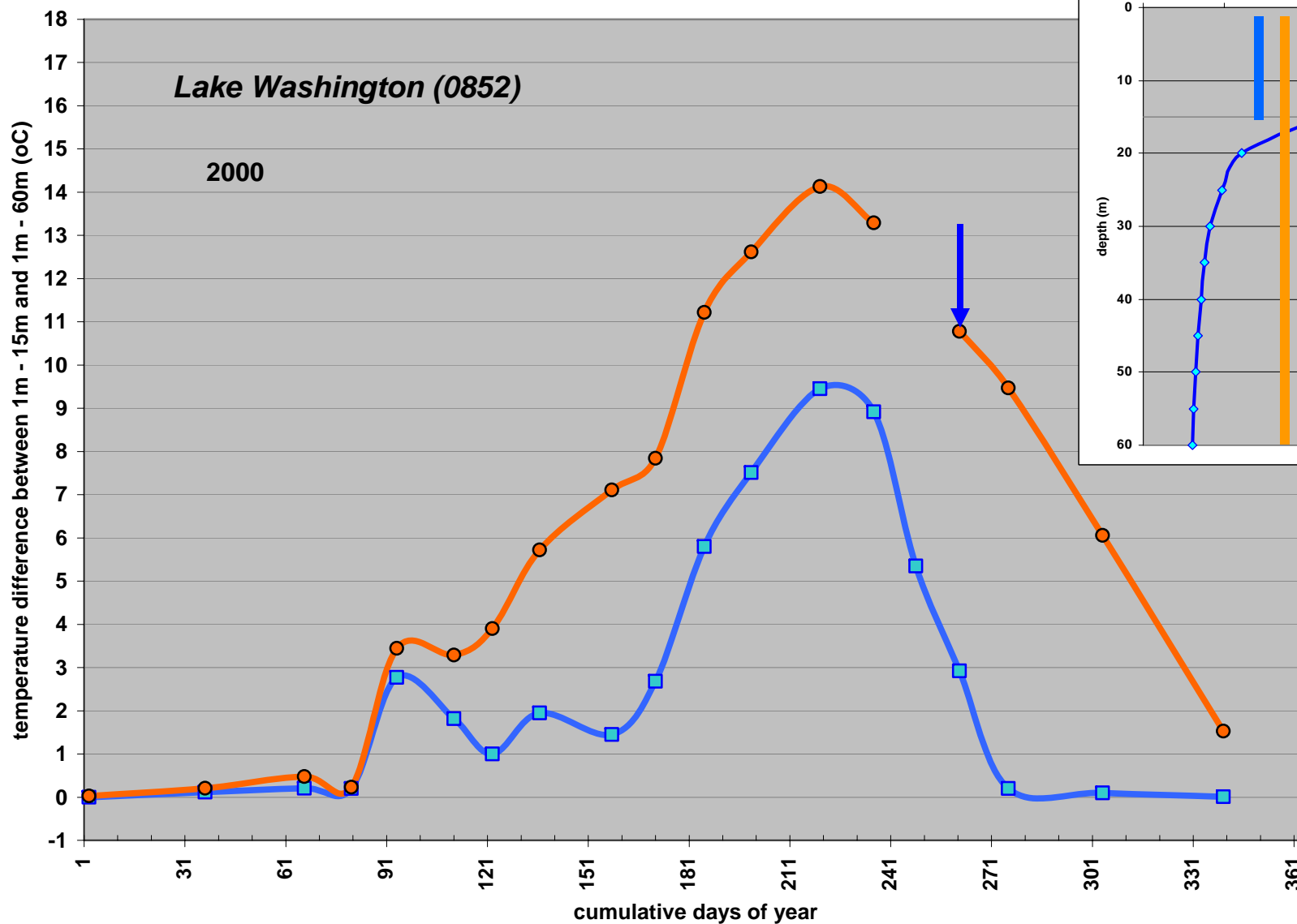
1 m 5 m 10 m 15 m 20 m 25 m 30 m 35 m 40 m 45 m 50 m 55 m 60 m

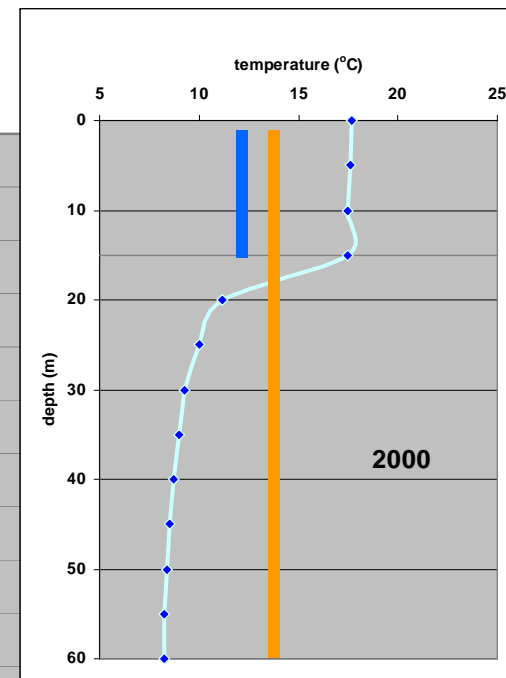
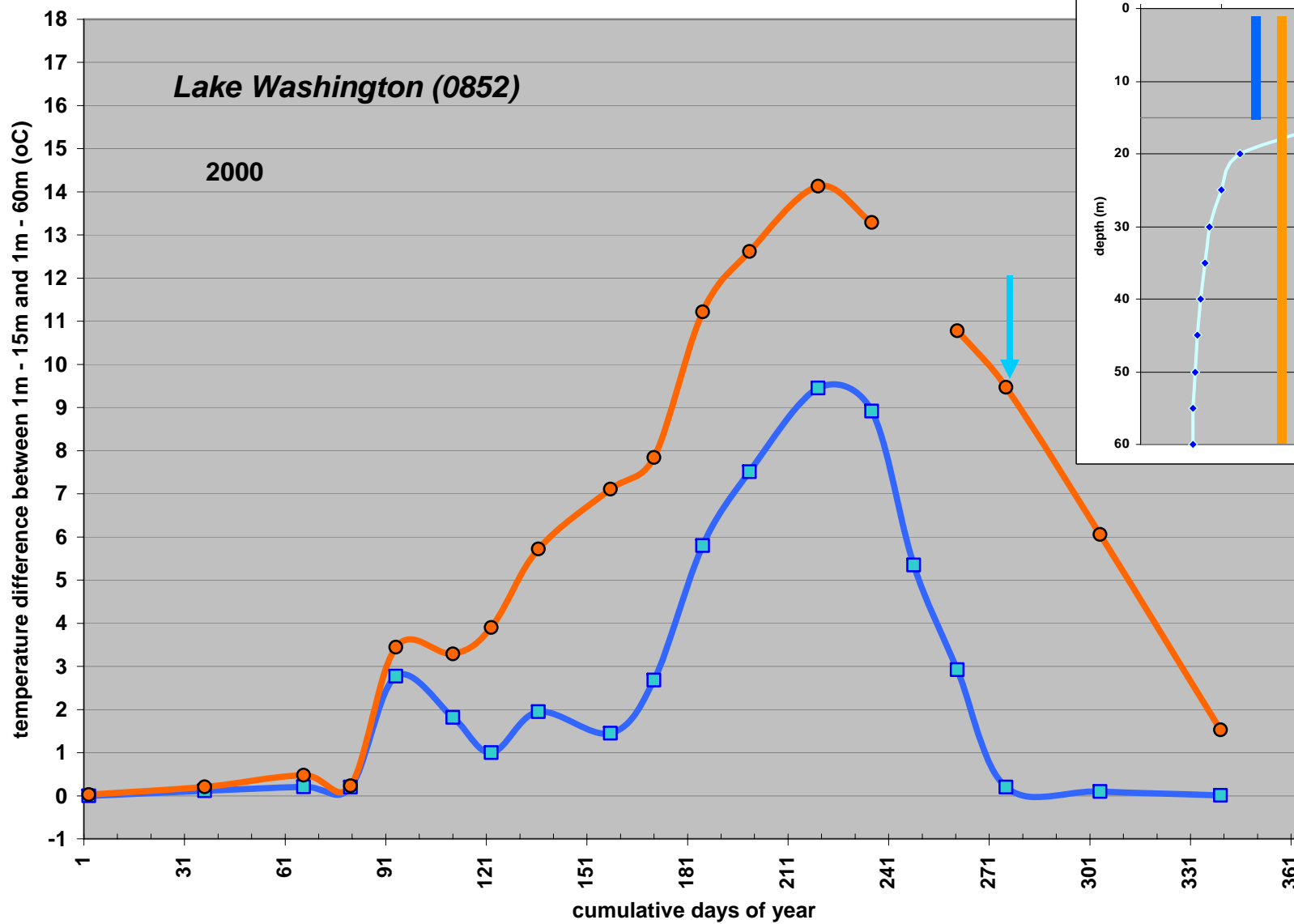


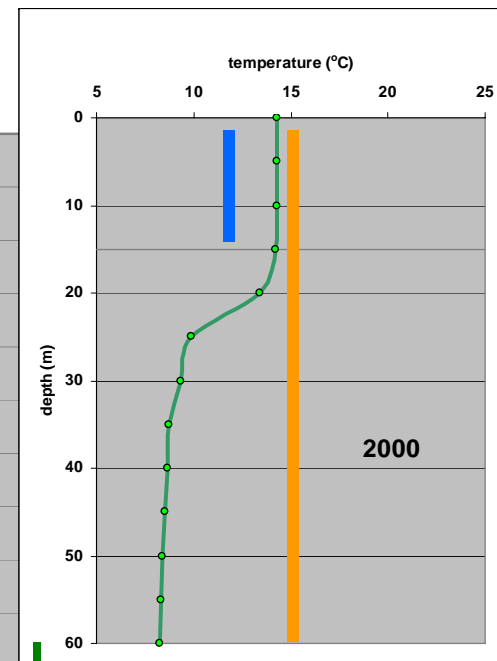
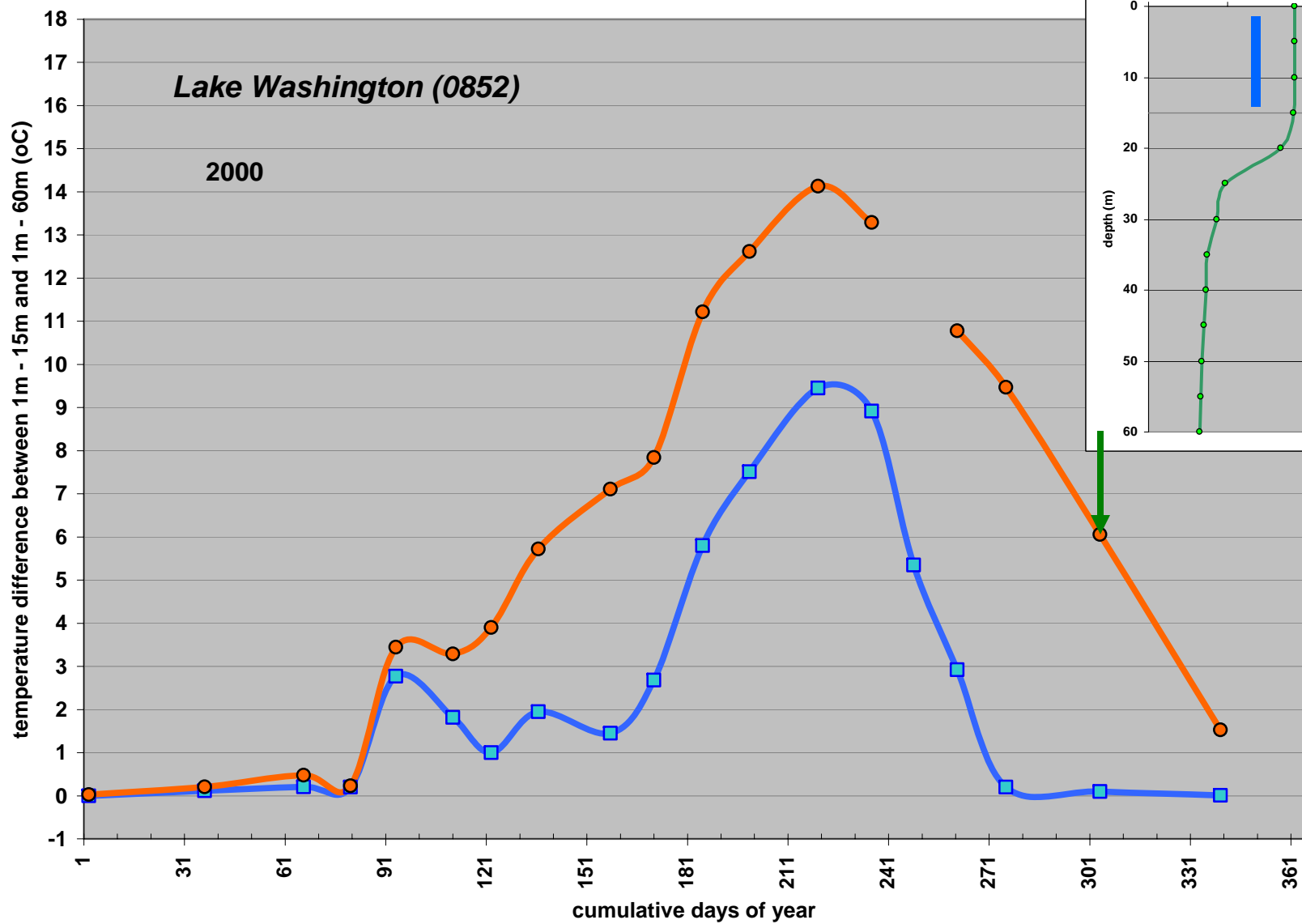


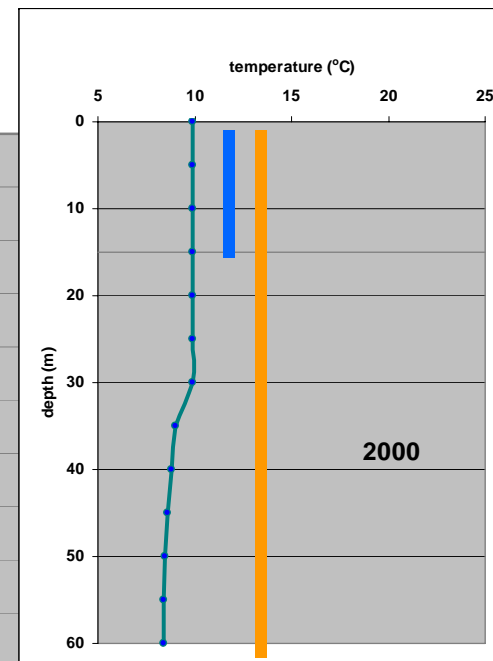
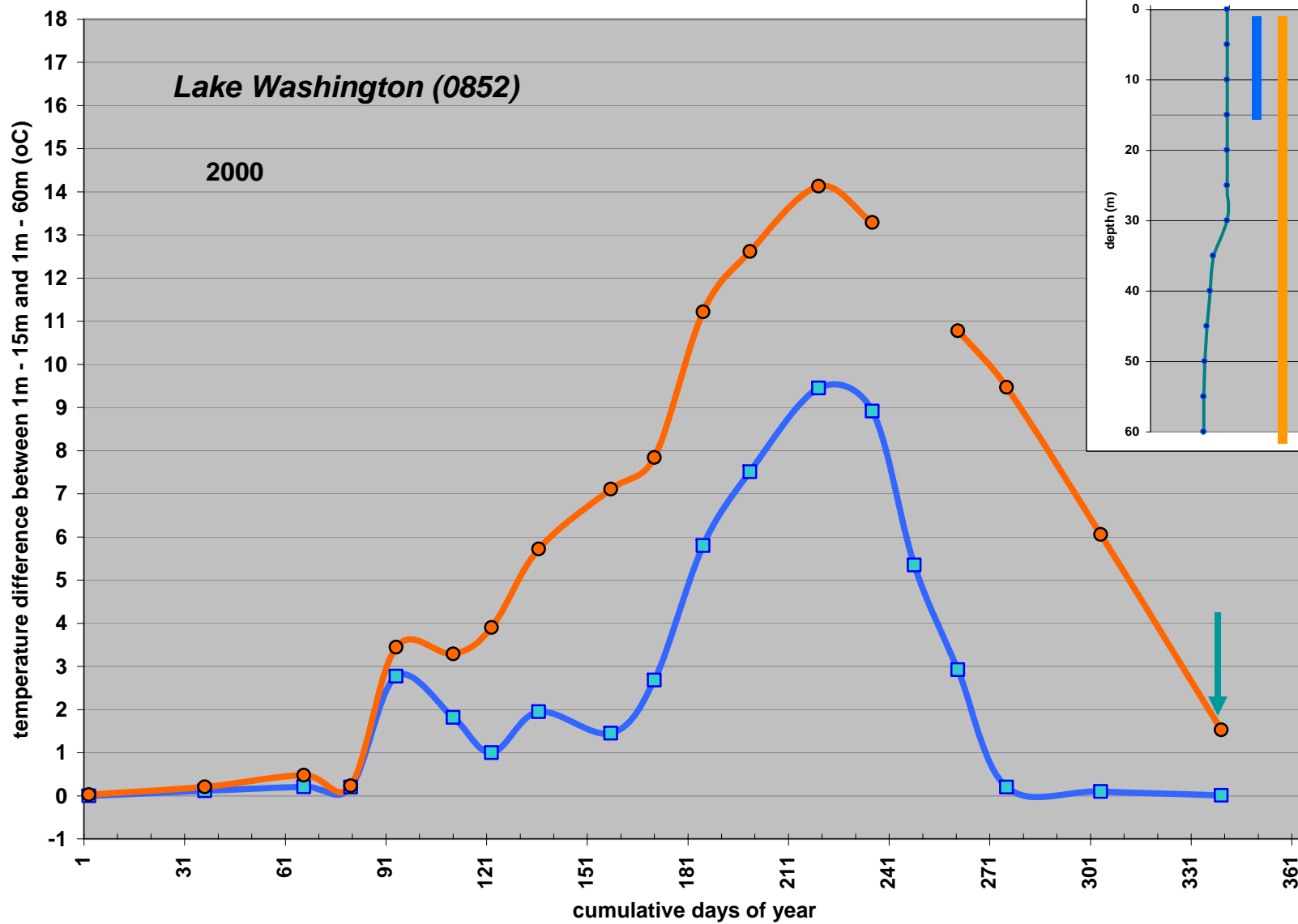


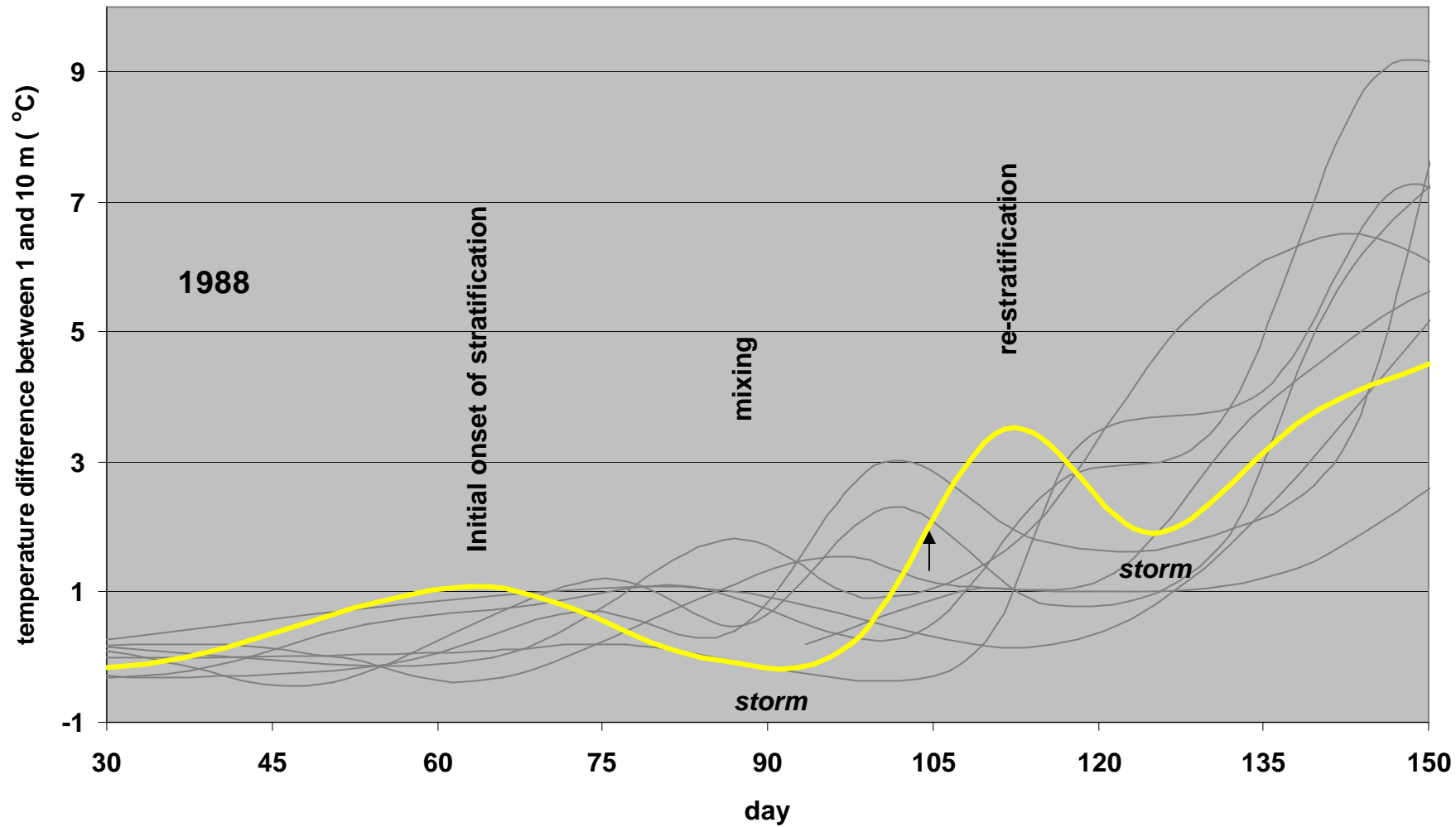


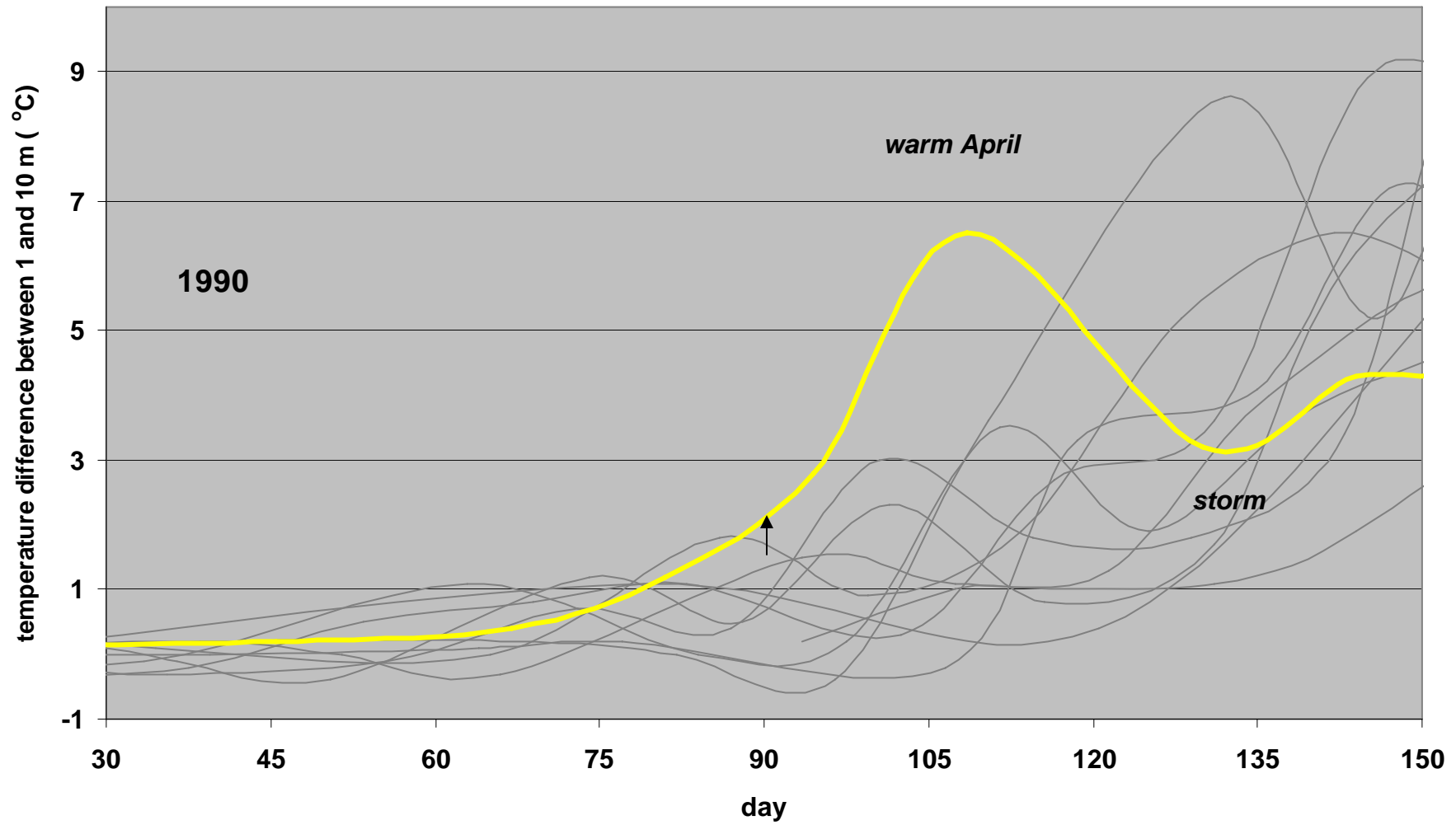


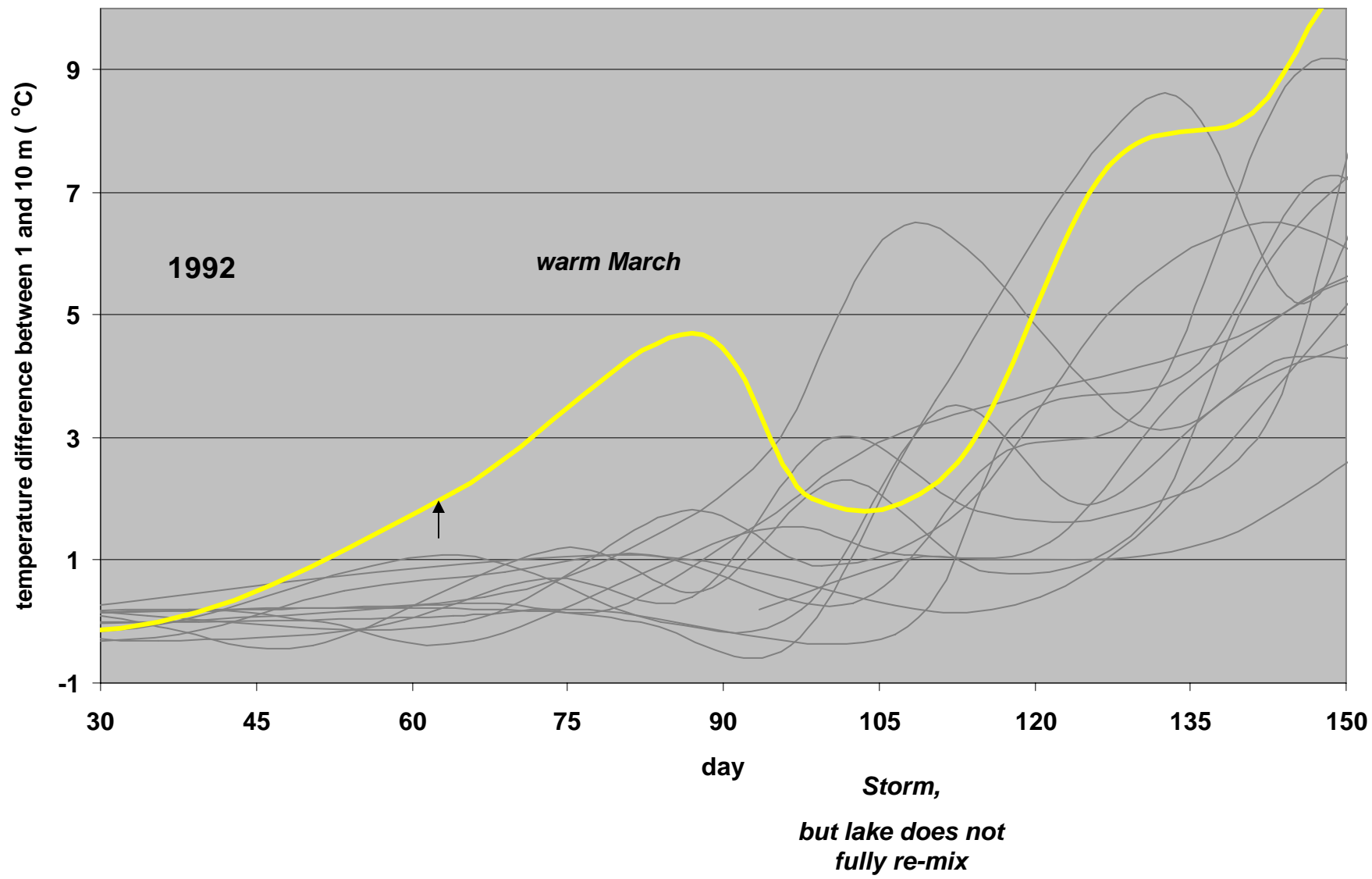


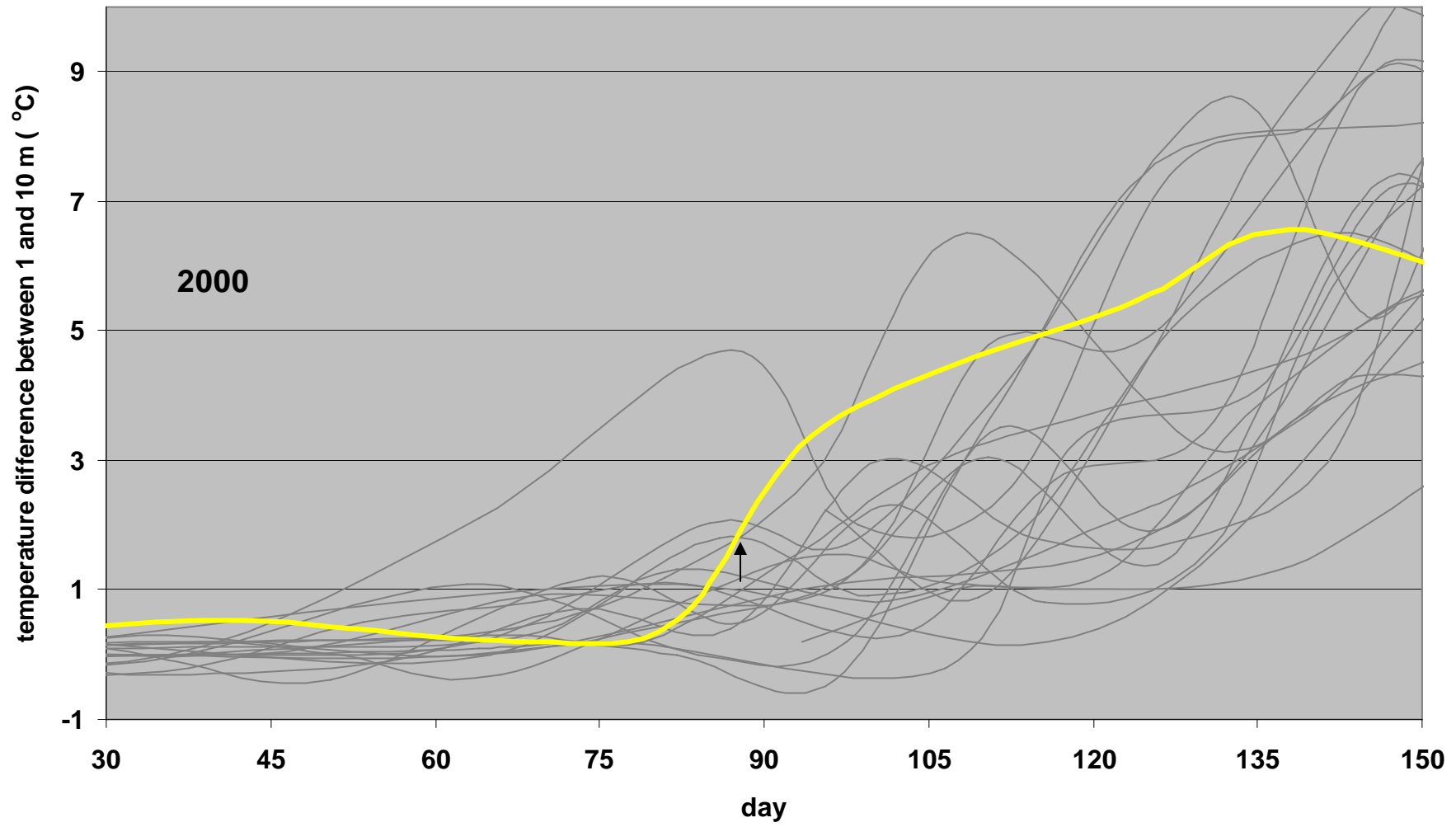


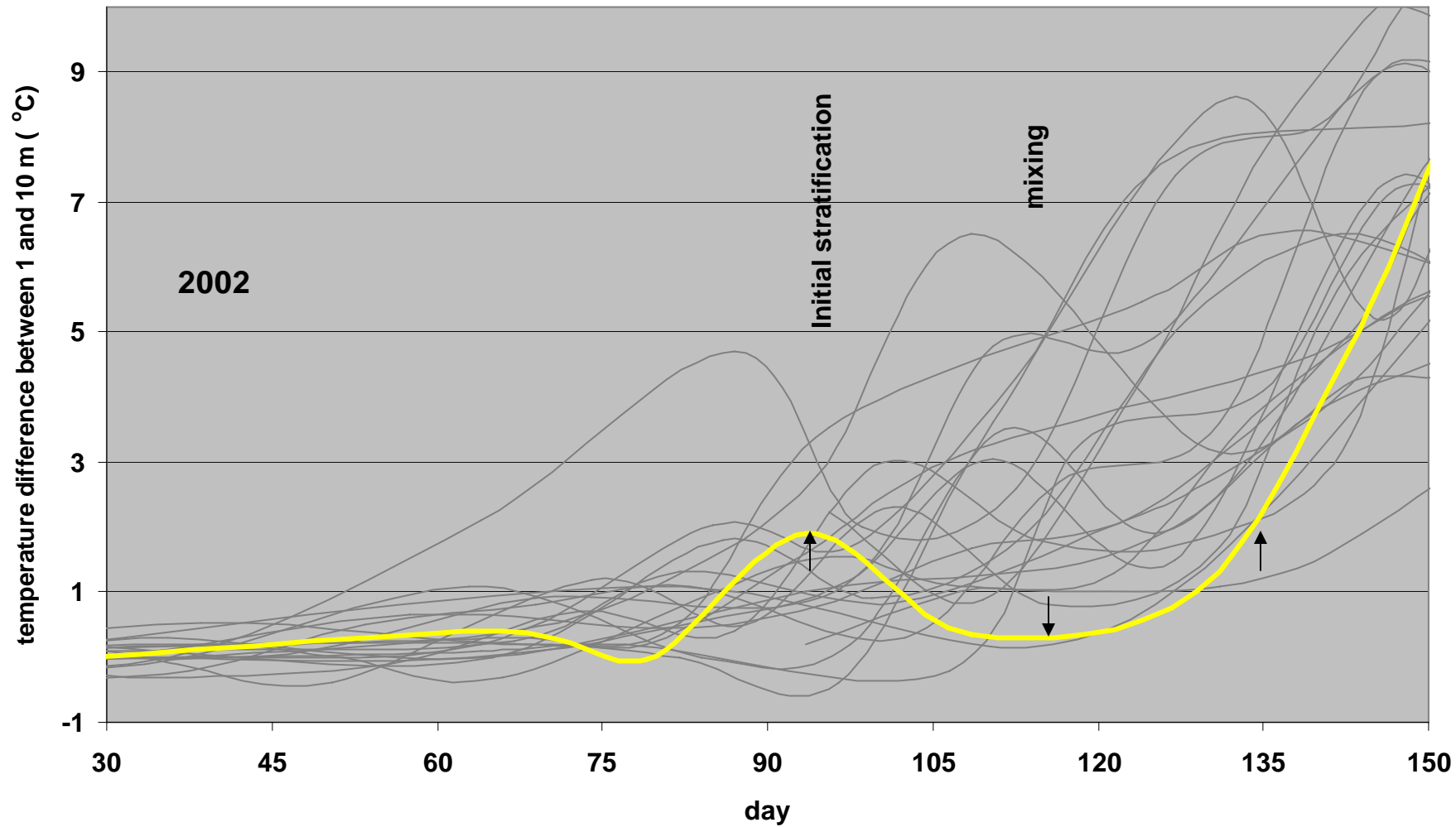








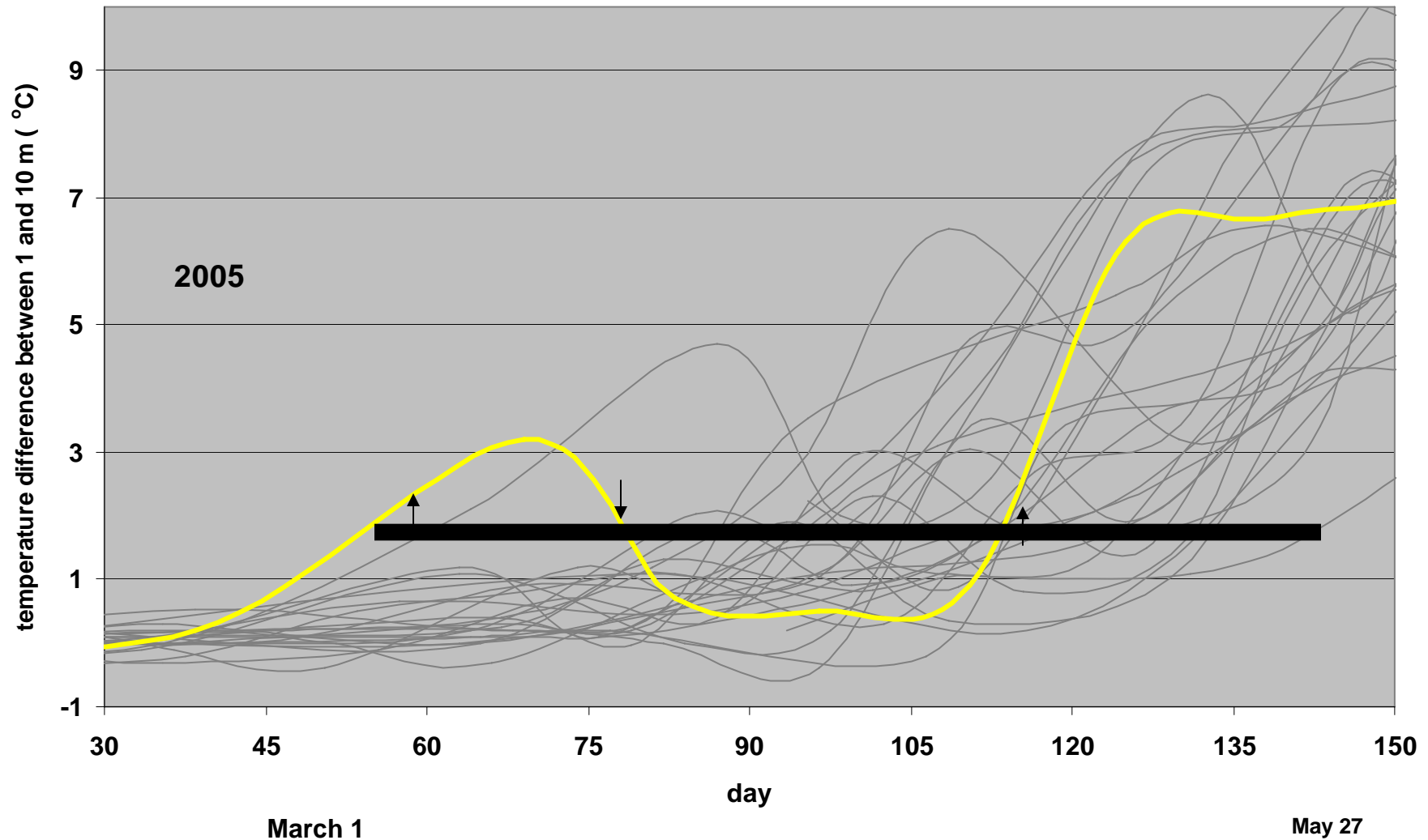


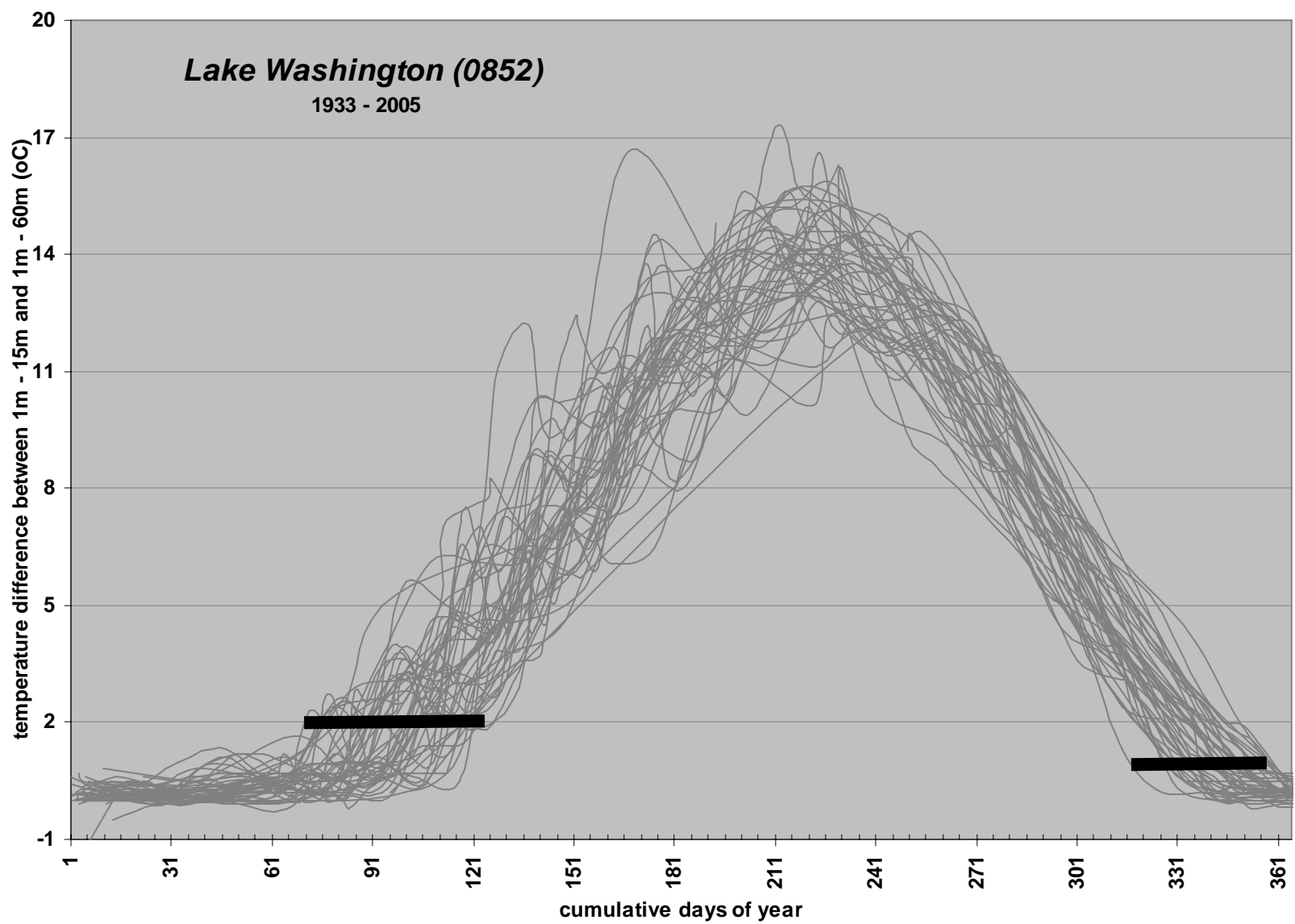


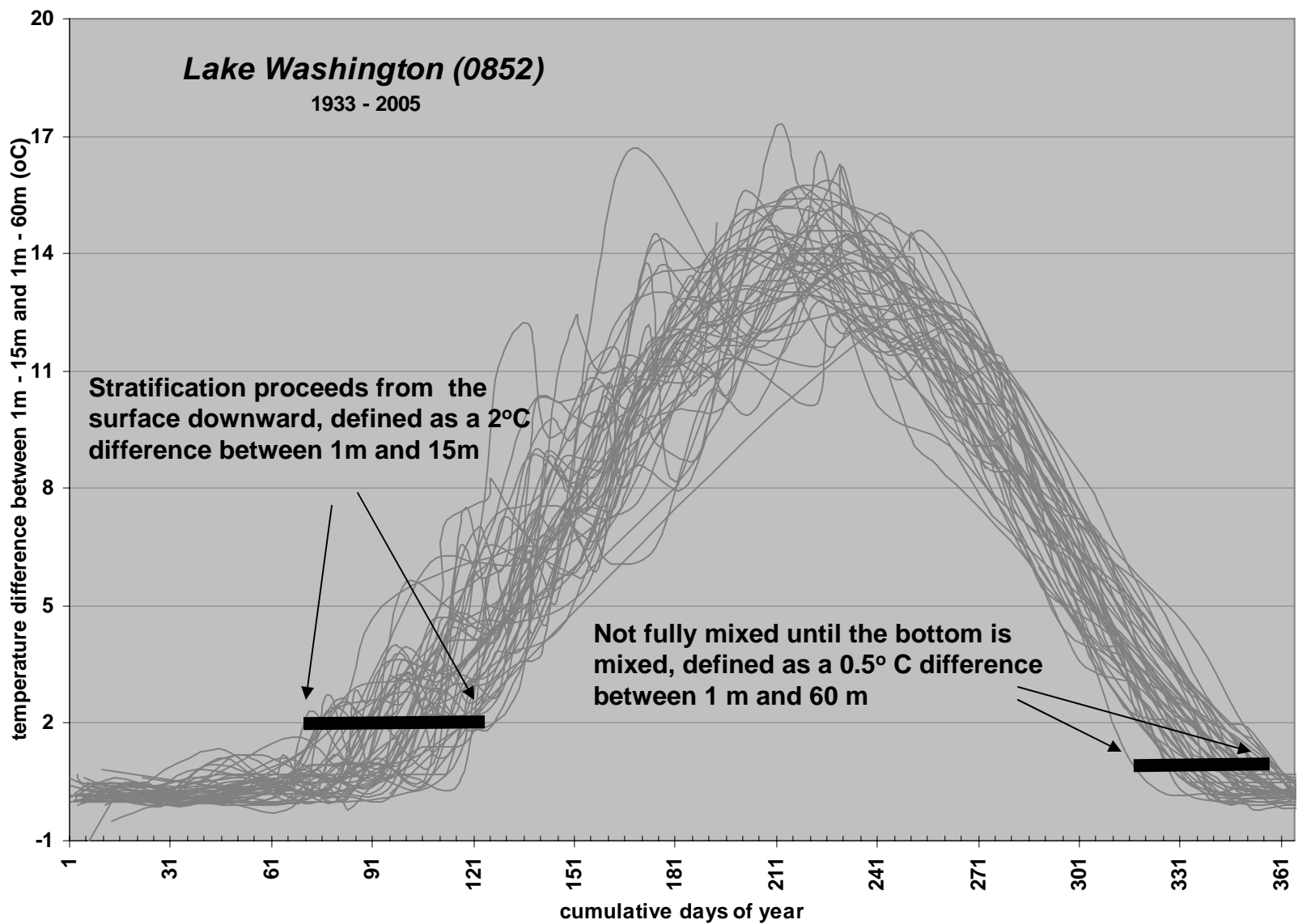
what is the change in timing of stratification?

Is there a pattern associated with climate?

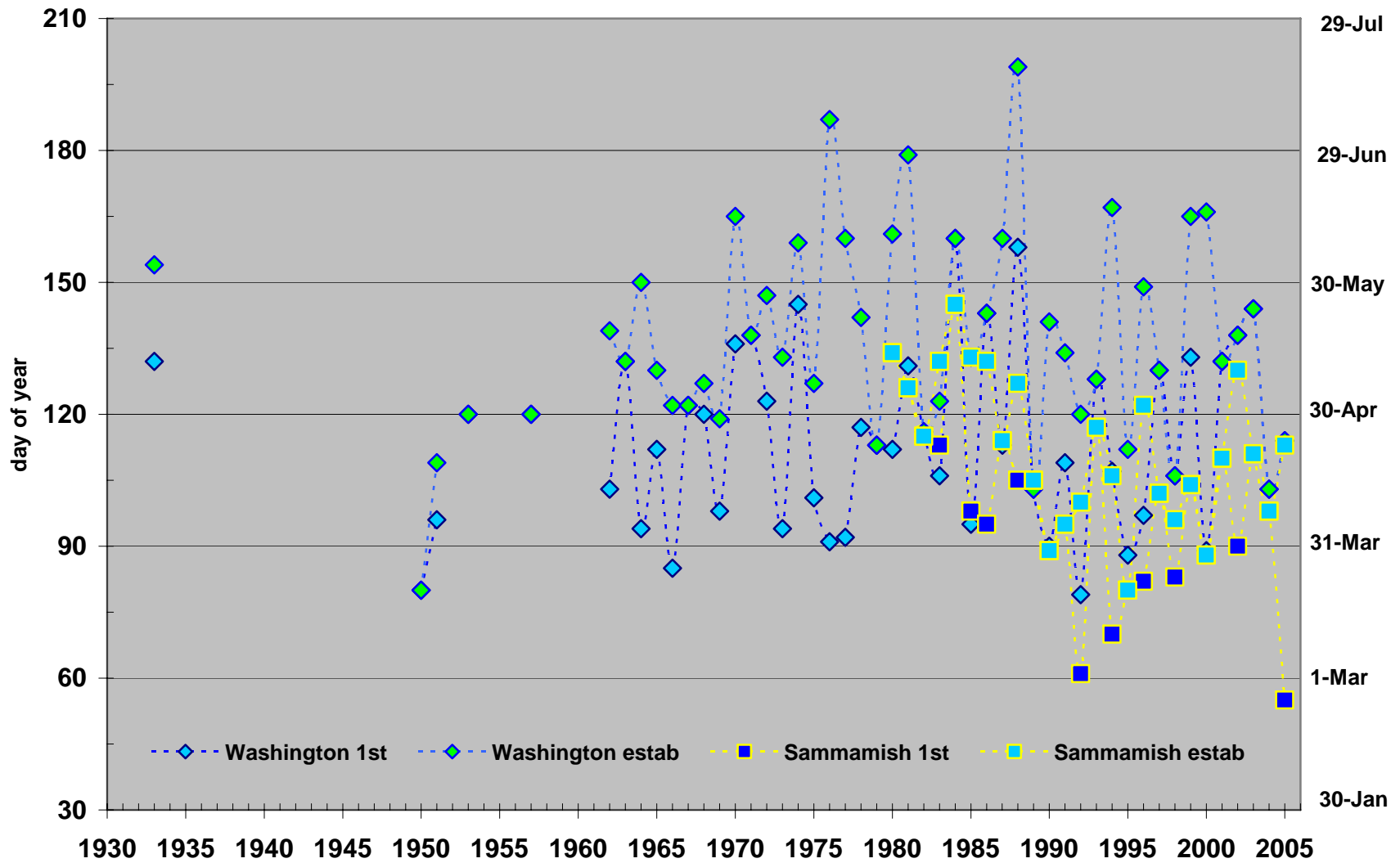
What can we use as a quantification of the onset of stratification?



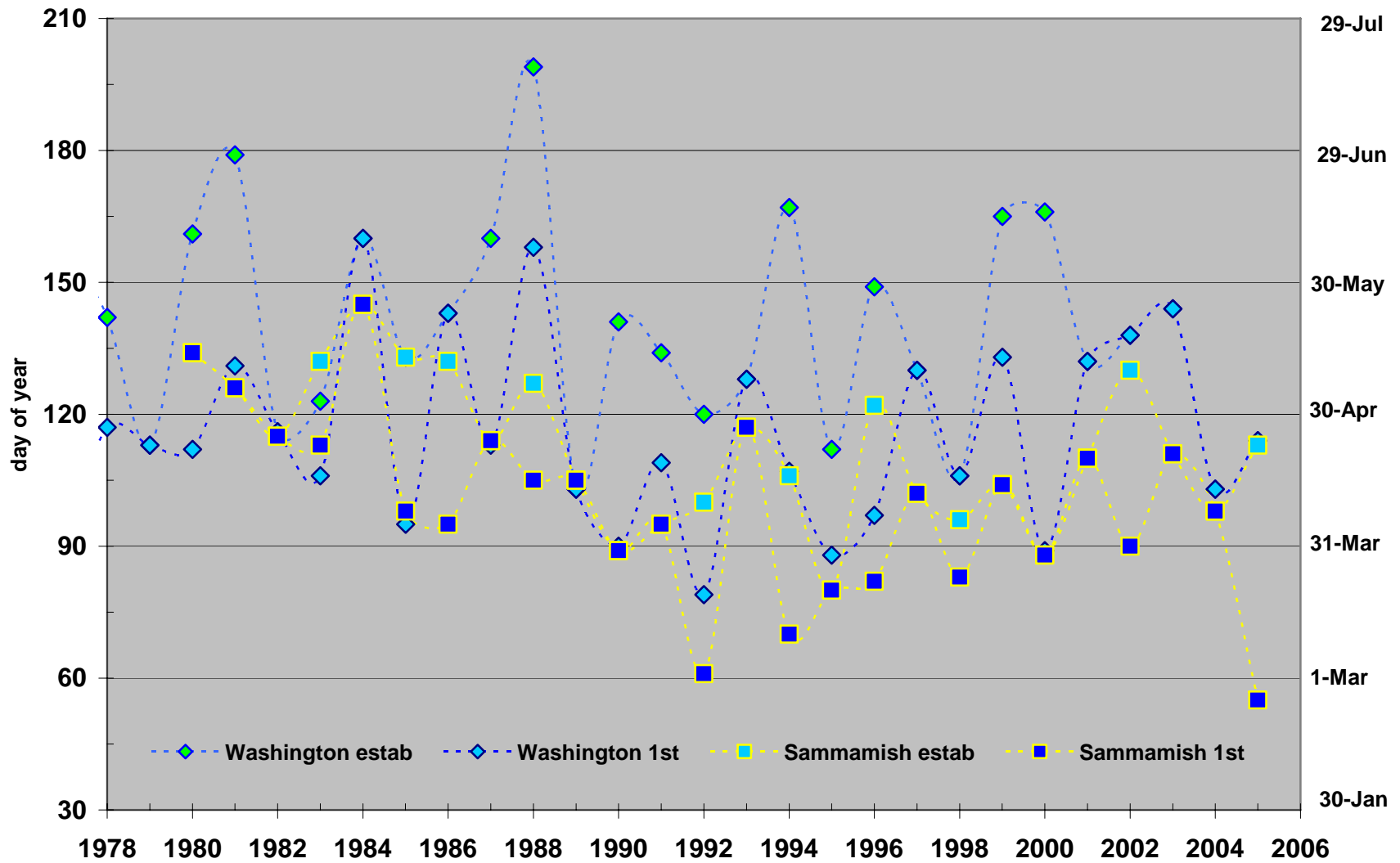




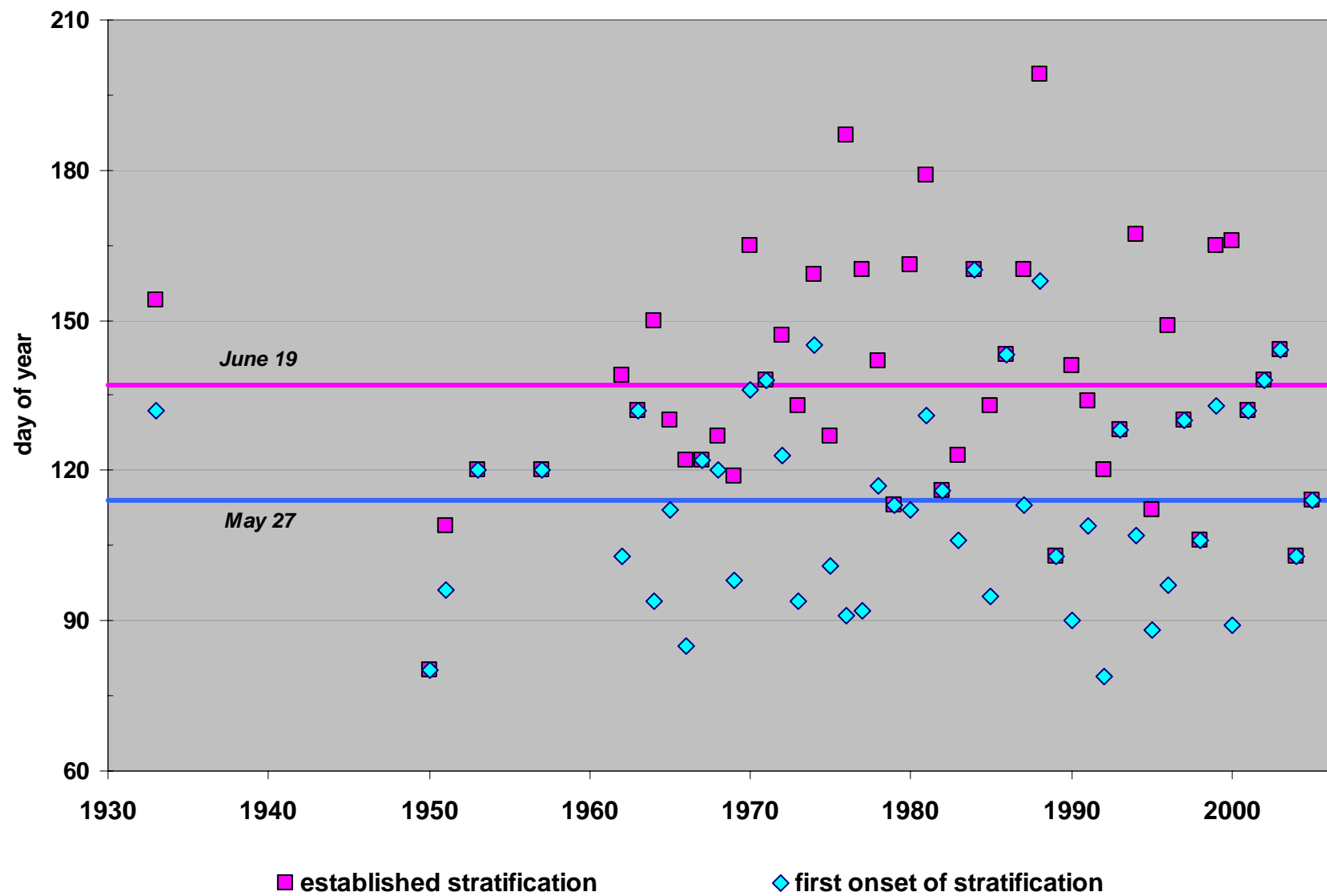
Onset of thermal stratification stratification



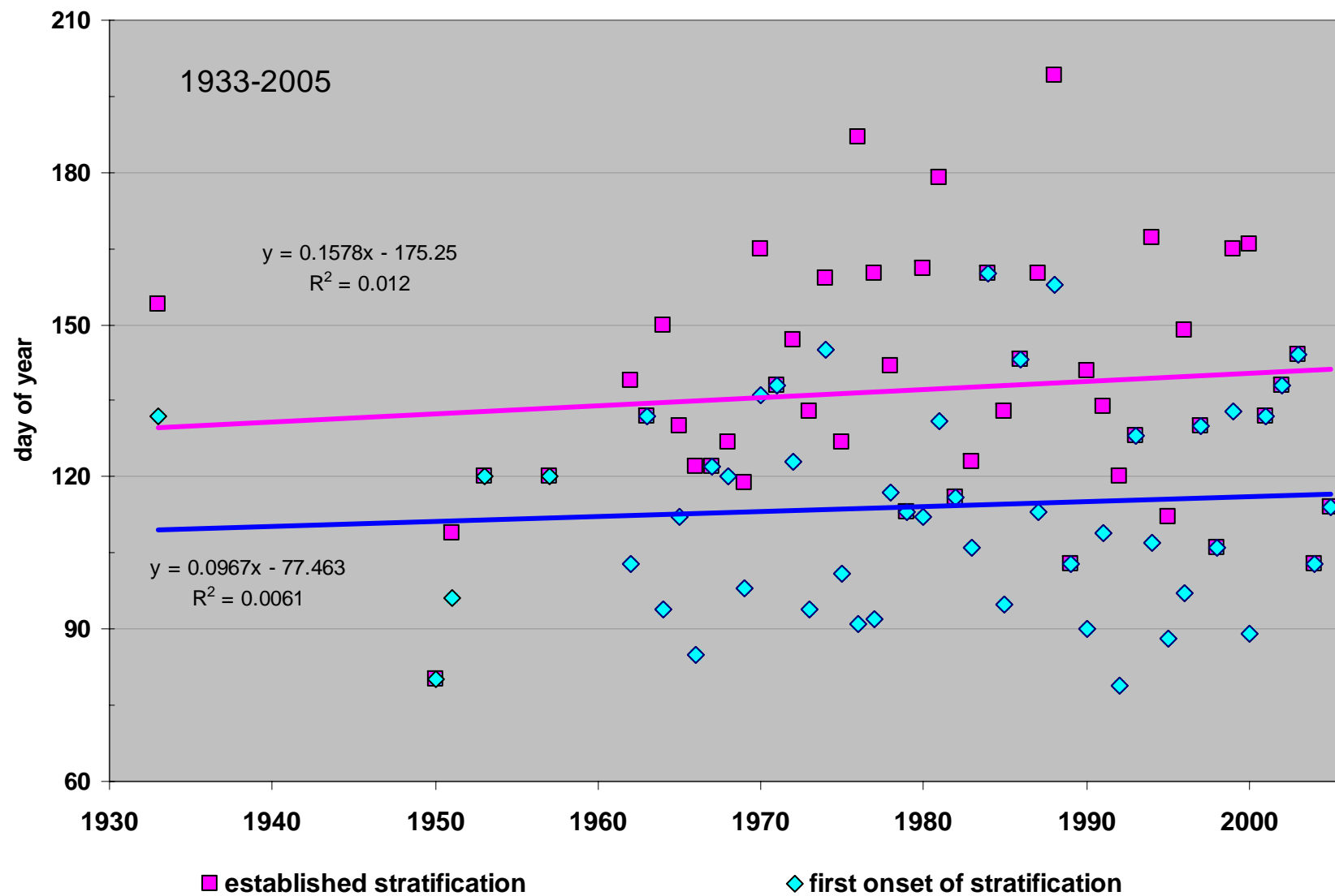
Onset of thermal stratification stratification



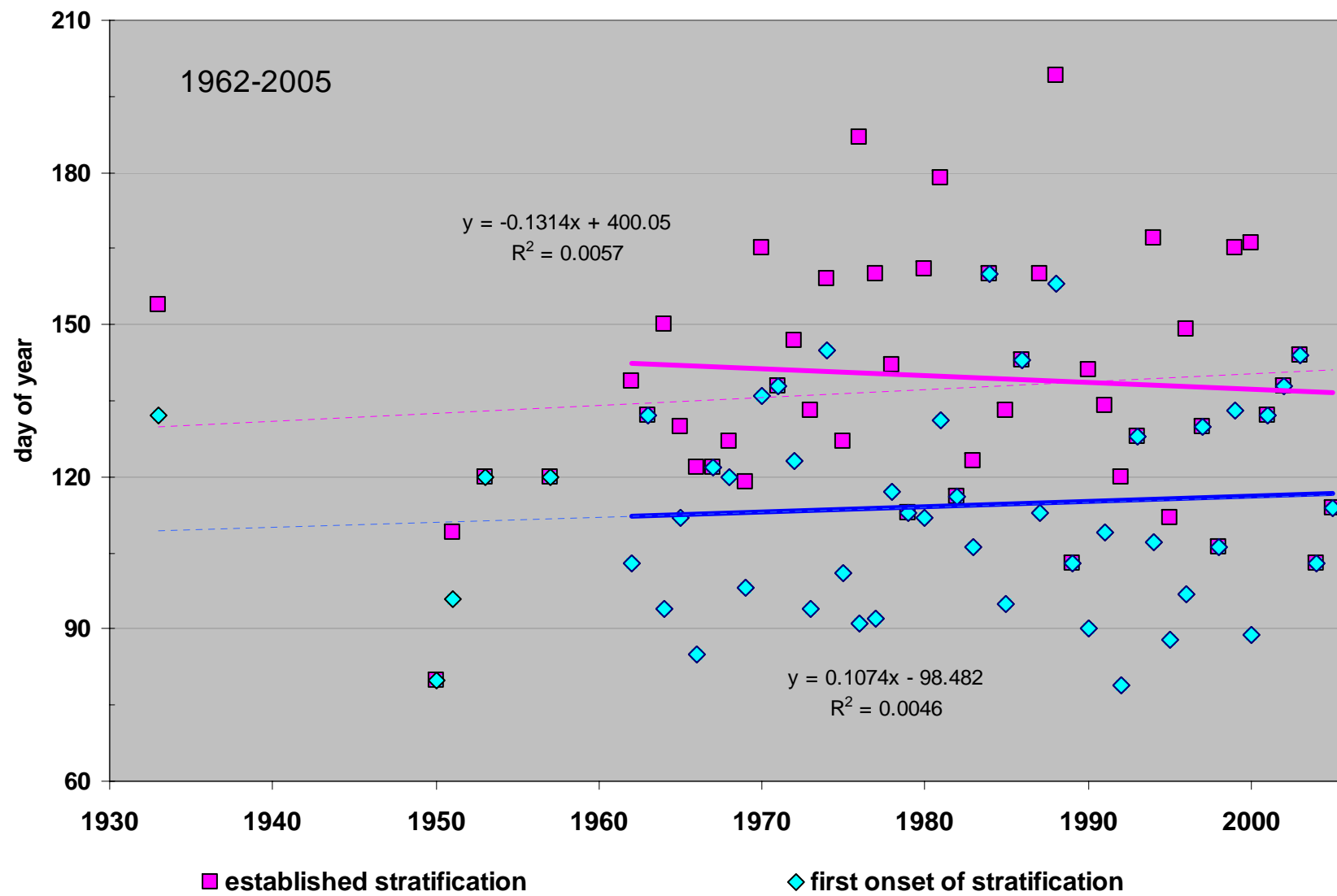
Lake Washington onset of thermal stratification
(temperature difference $>2^{\circ}\text{C}$ between 1 m and 15 m)



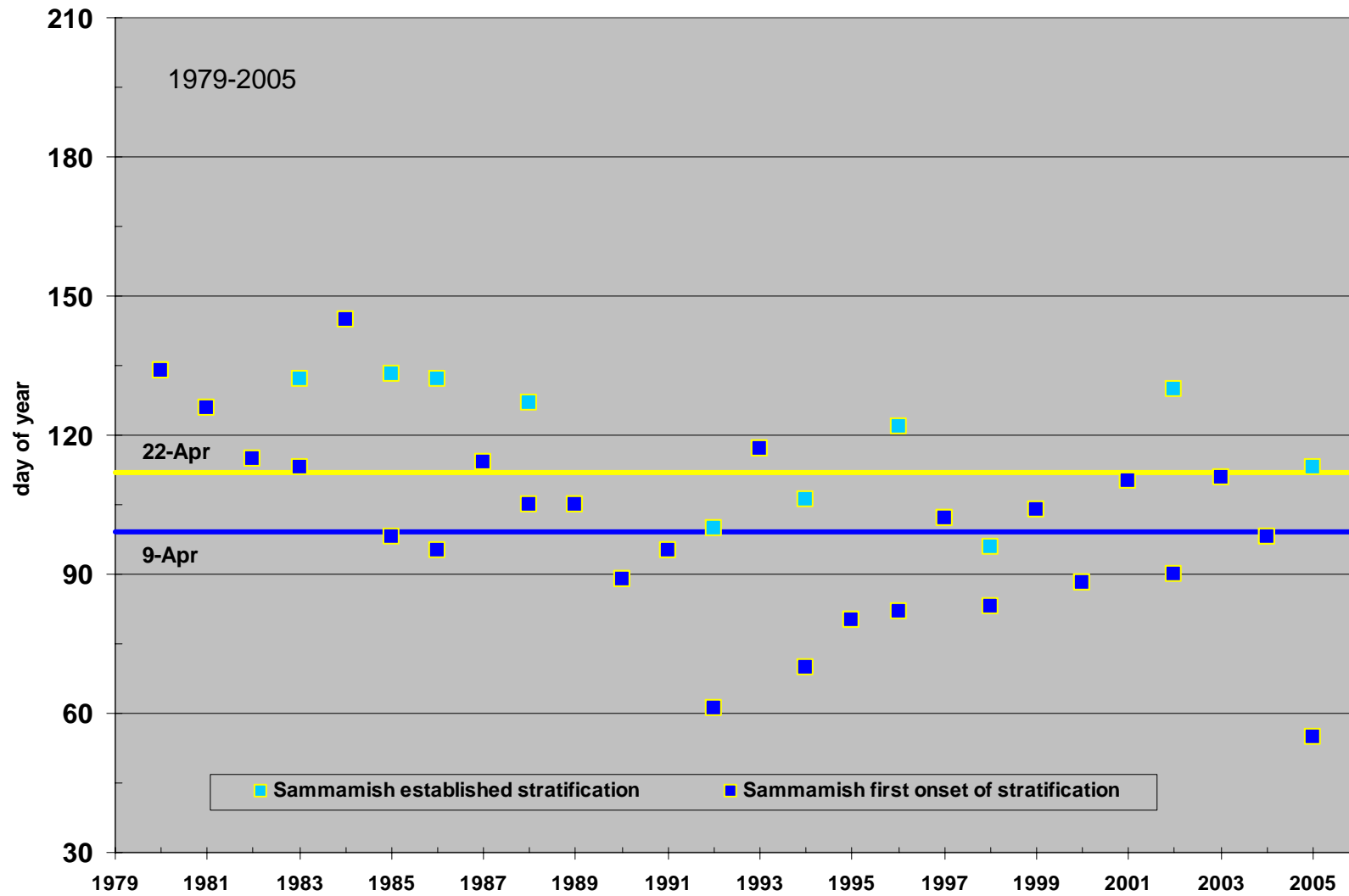
Lake Washington onset of thermal stratification
(temperature difference $>2^{\circ}\text{C}$ between 1 m and 15 m)



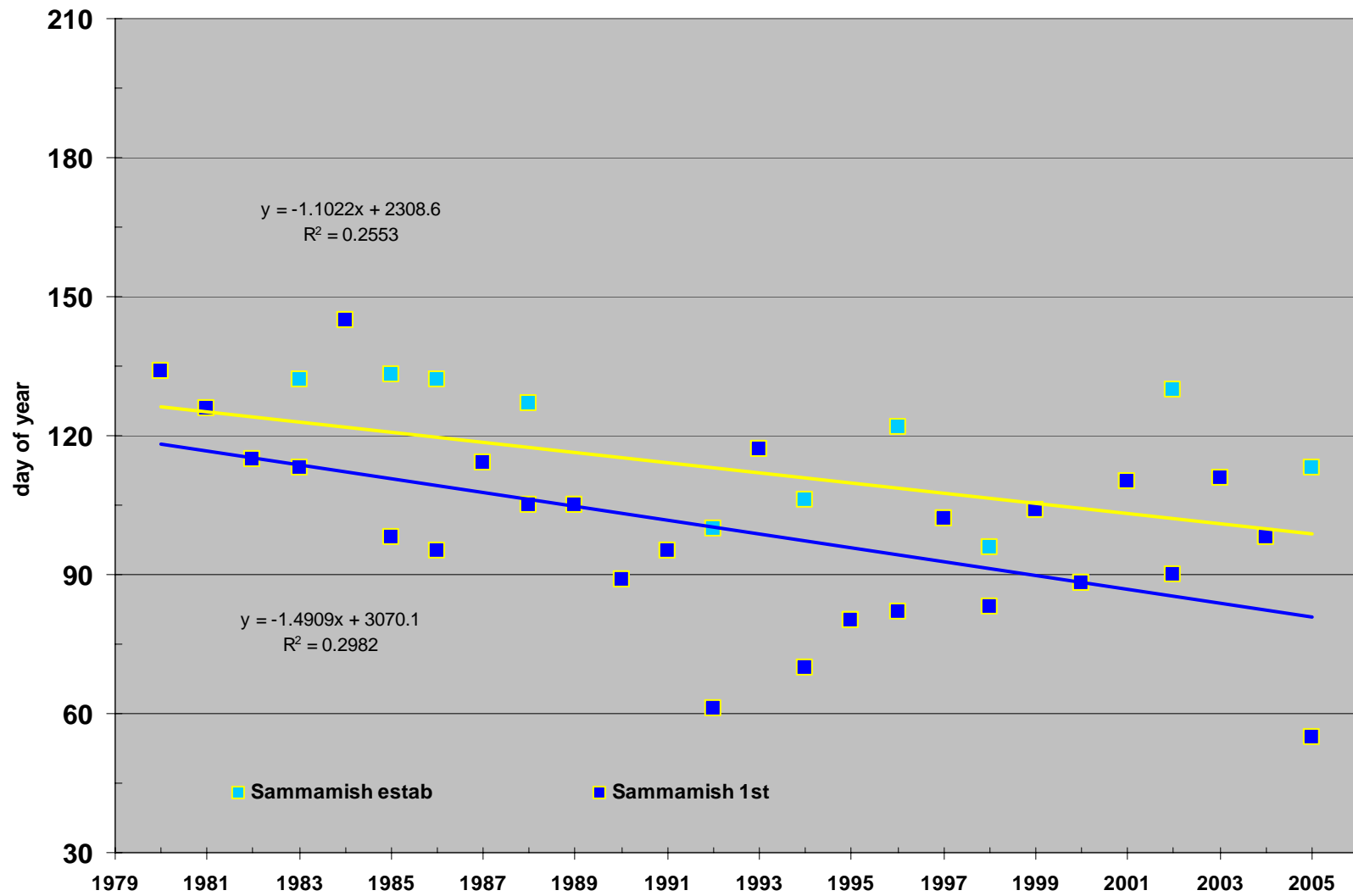
Lake Washington onset of thermal stratification
(temperature difference $>2^{\circ}\text{C}$ between 1 m and 15 m)

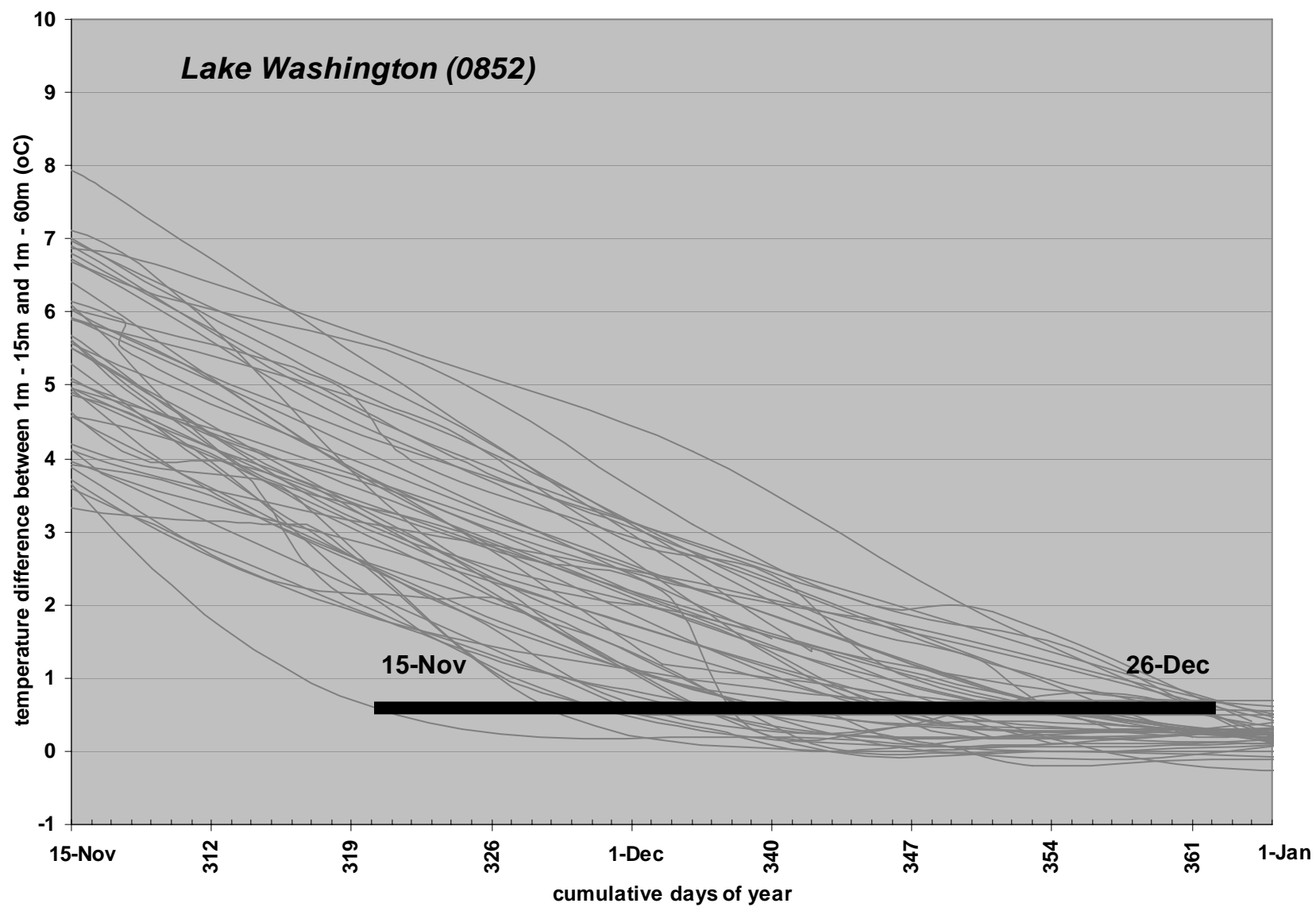


Onset of thermal stratification

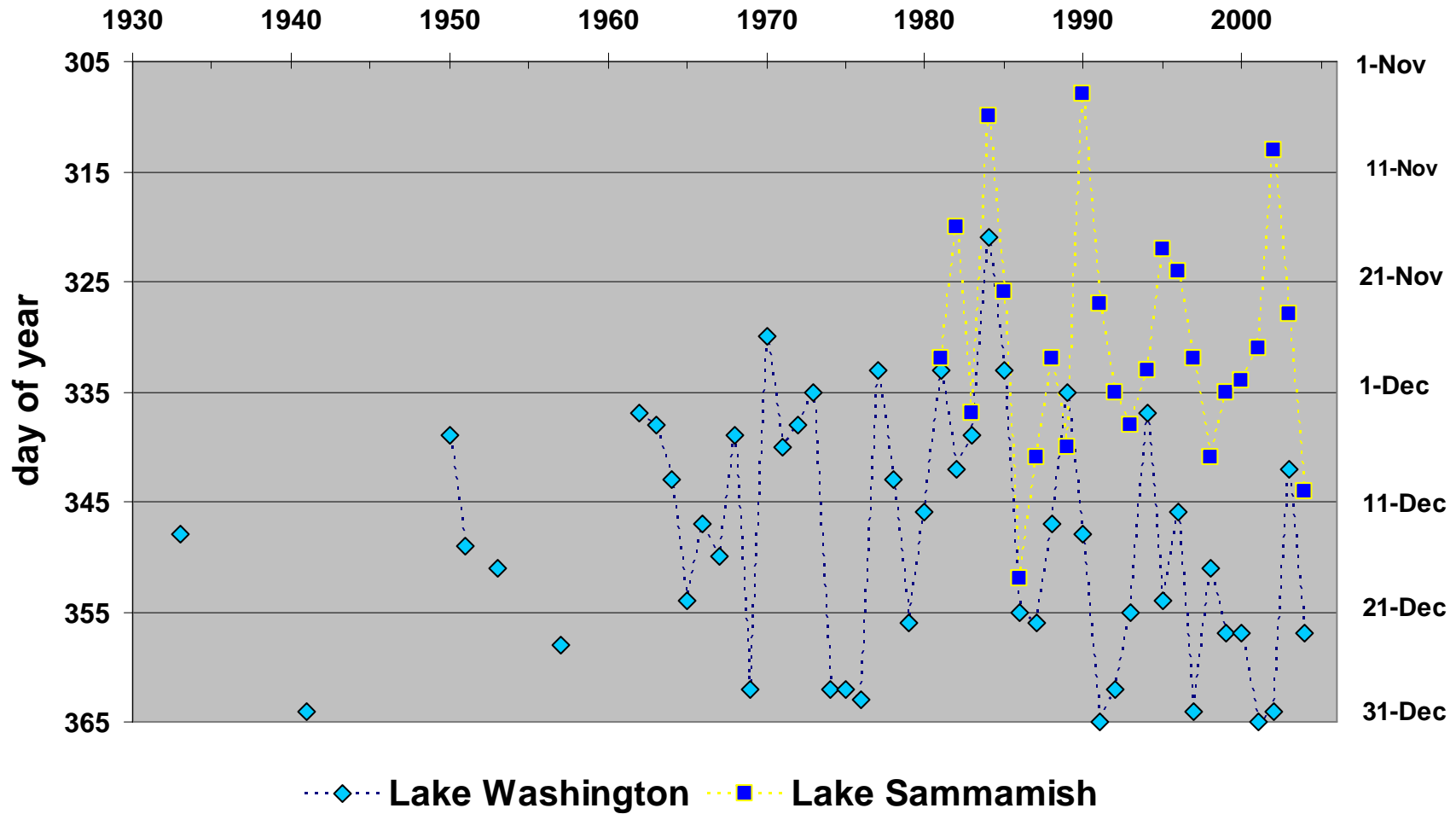


Onset of thermal stratification

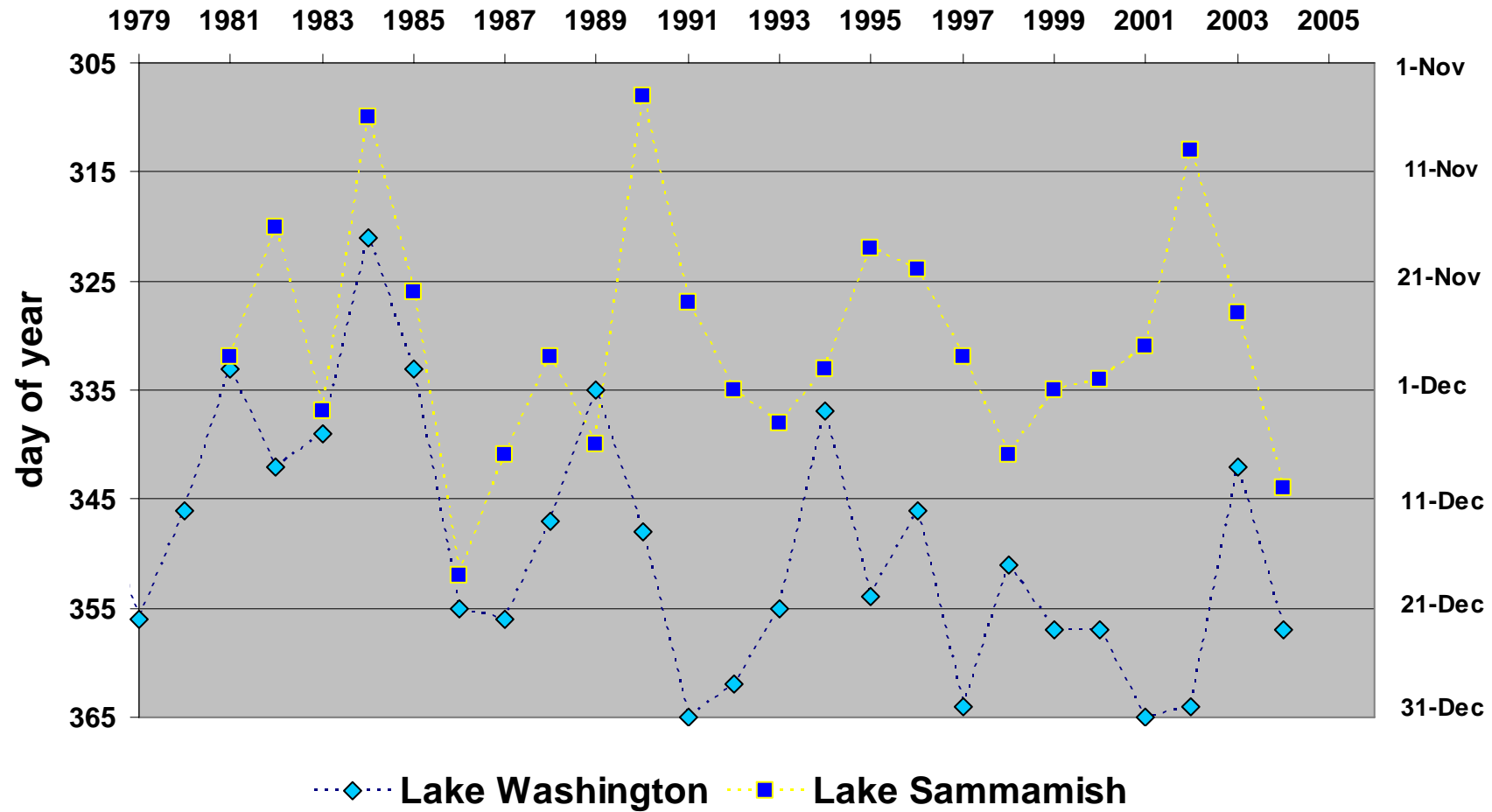




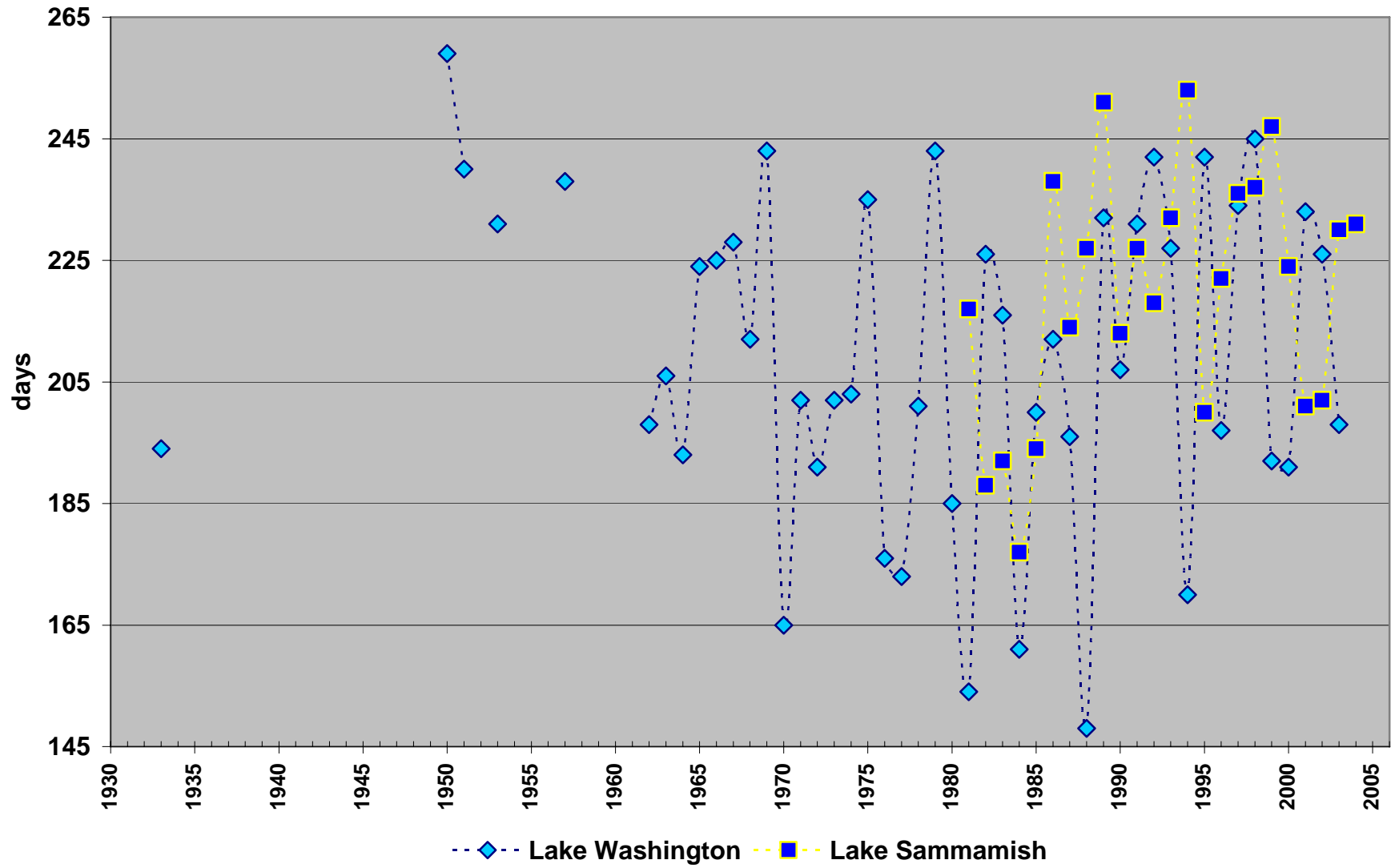
Timing of destratification



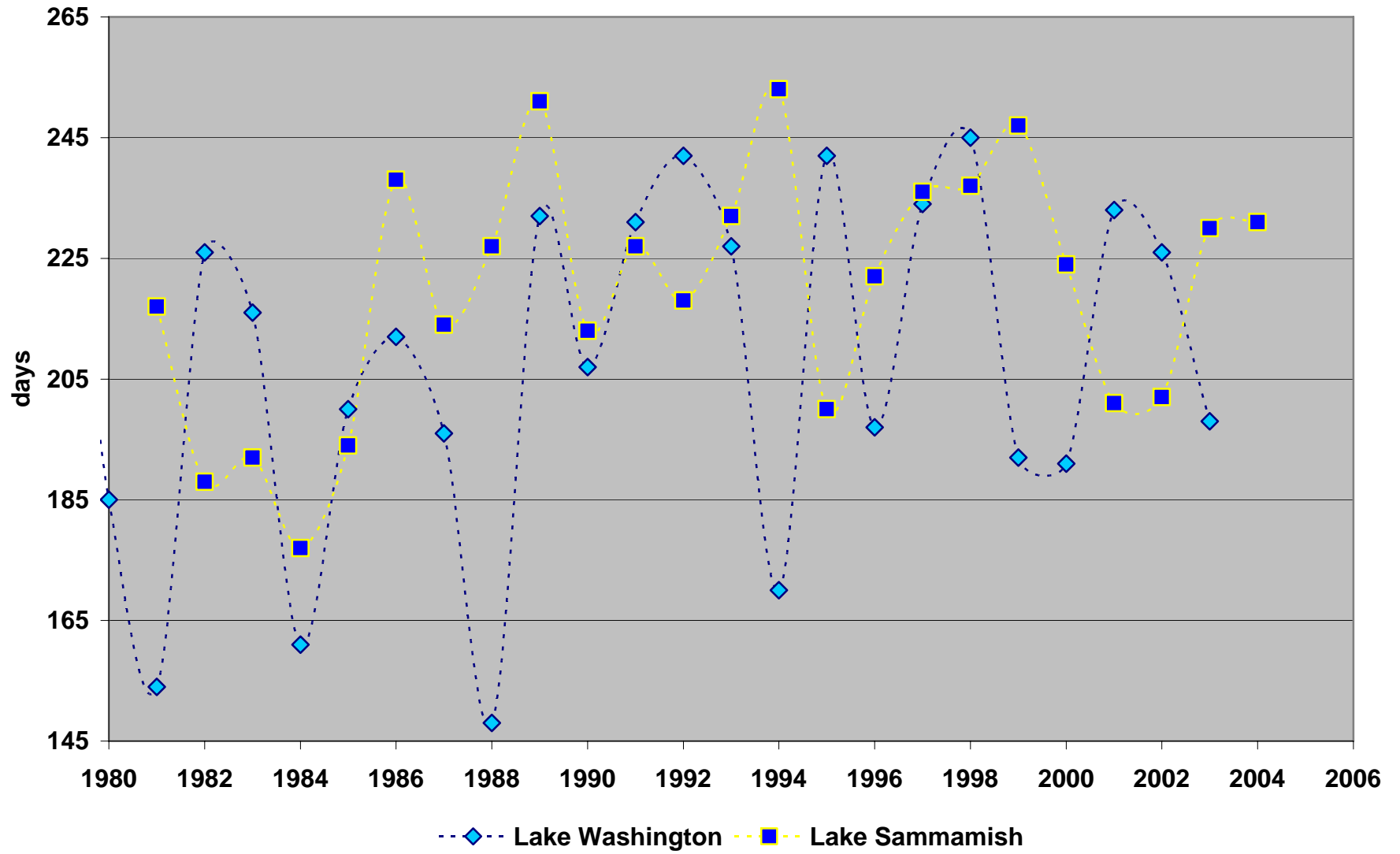
Timing of destratification

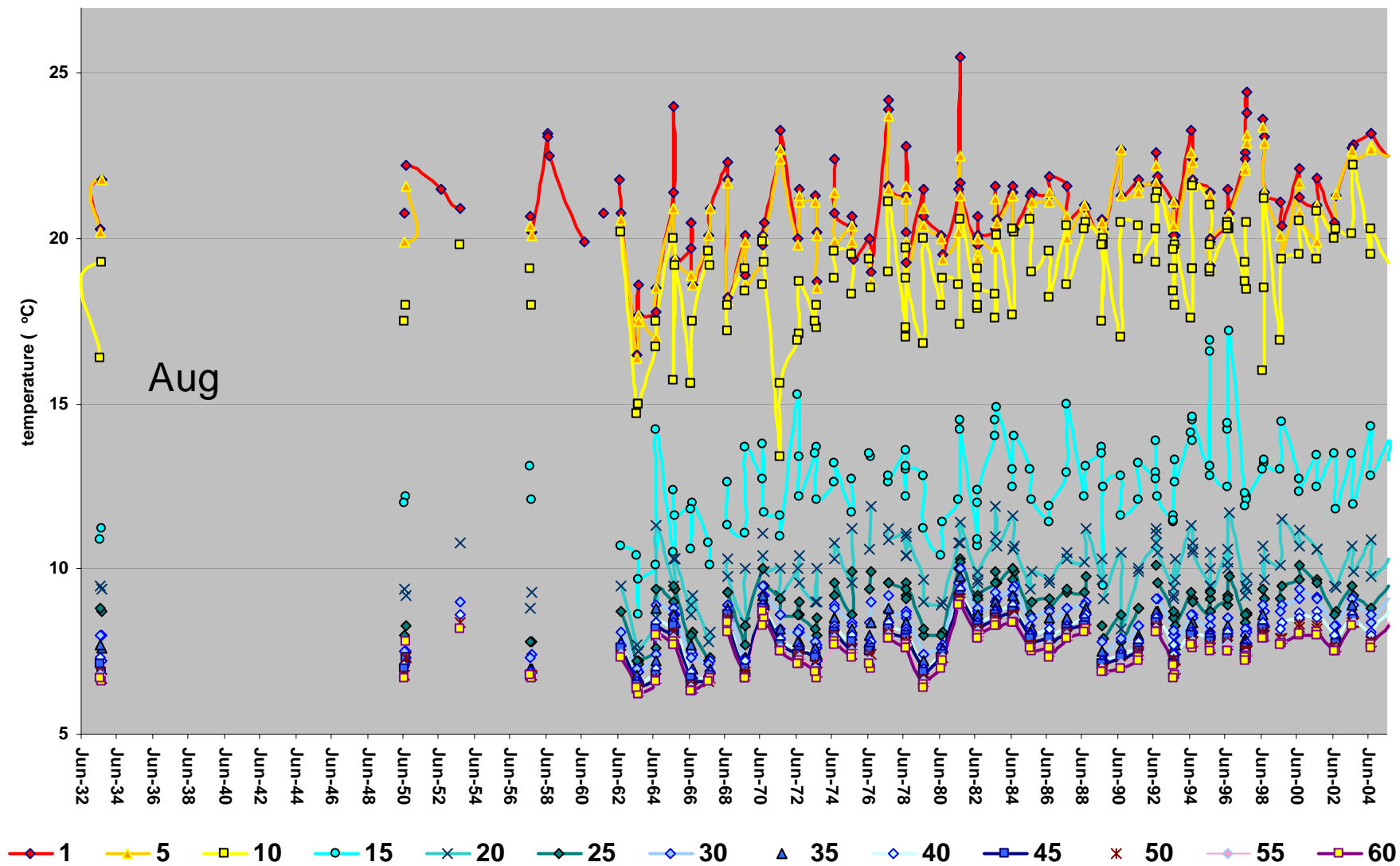


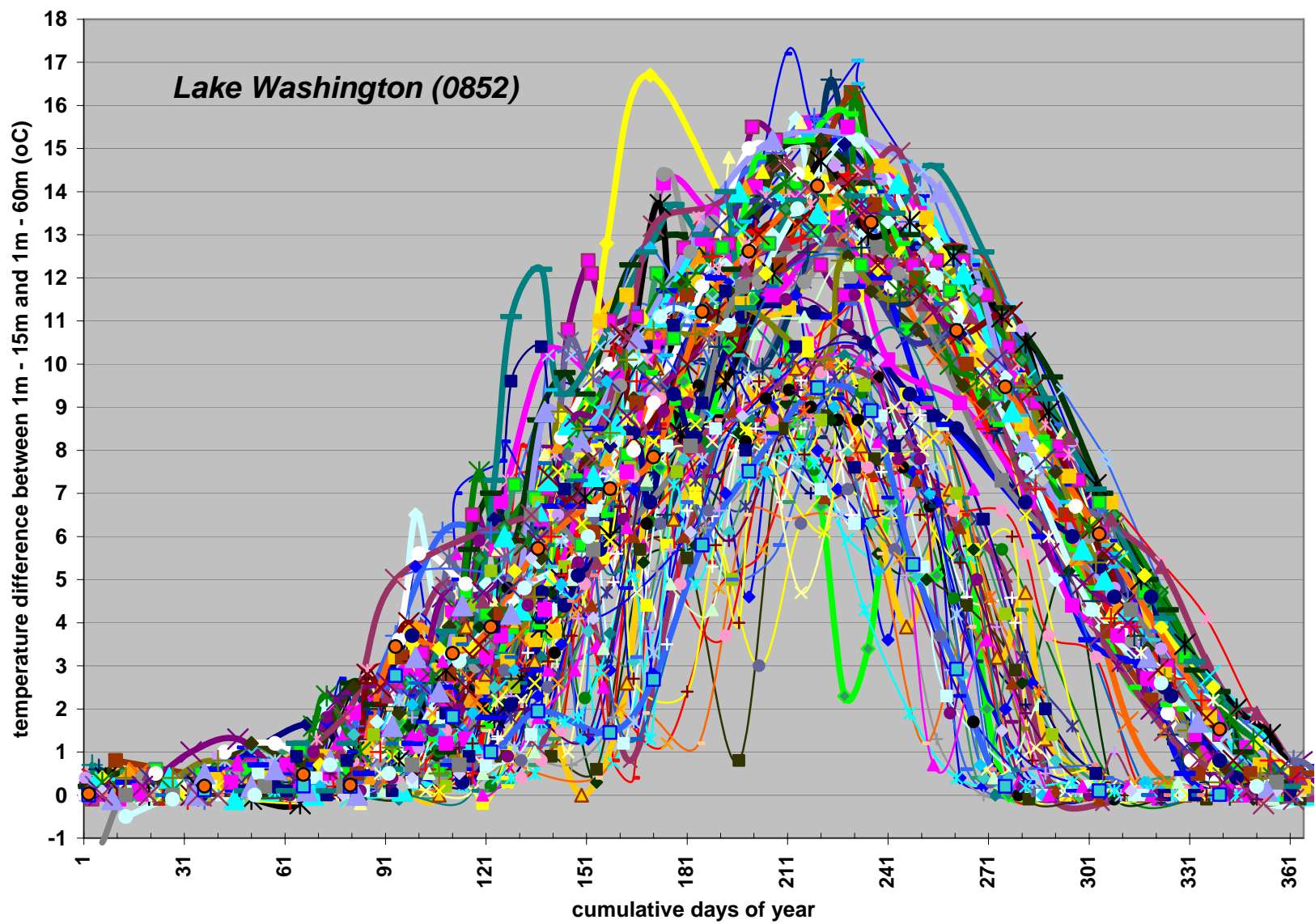
Length of stratification

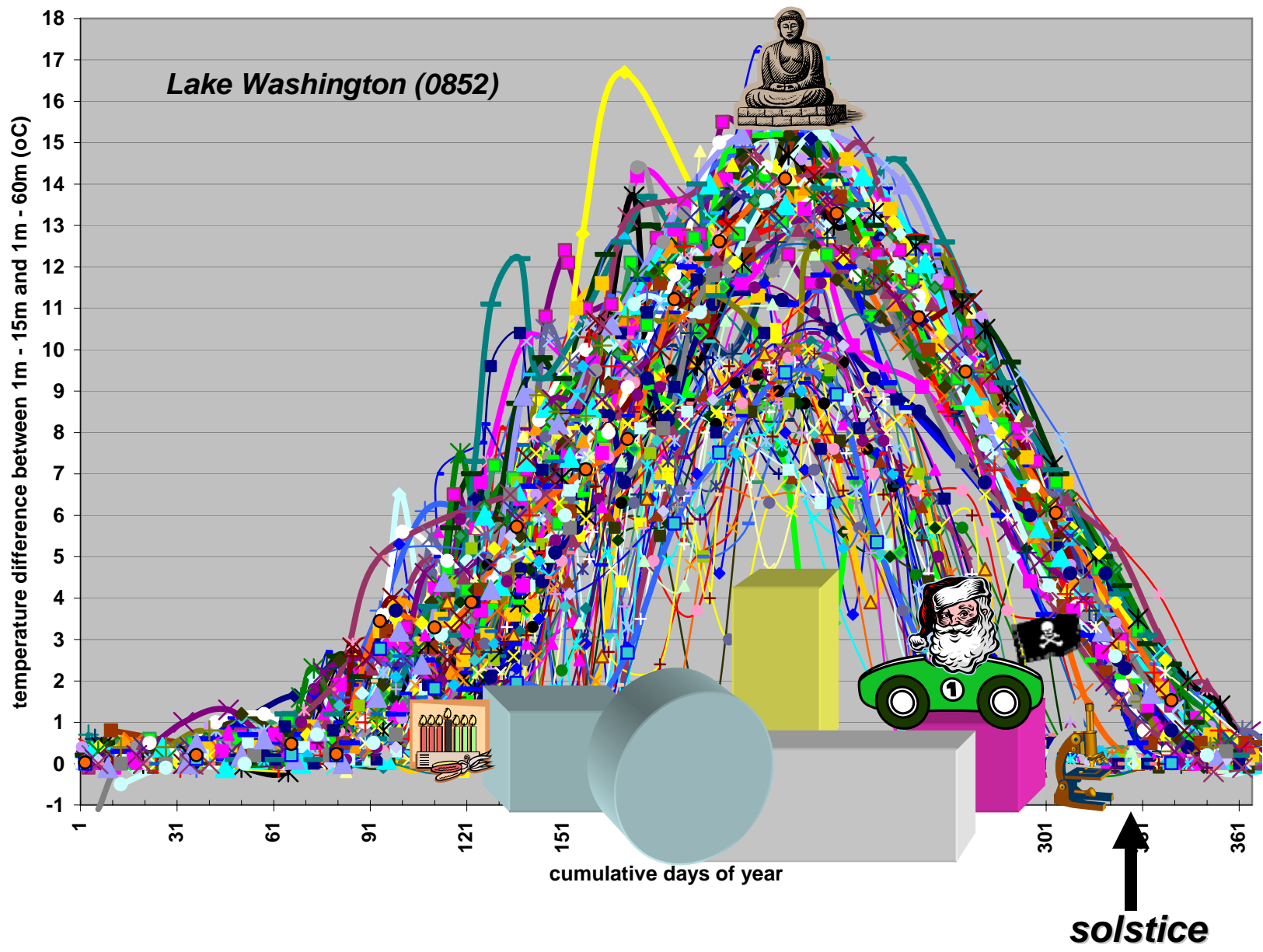


Length of stratification





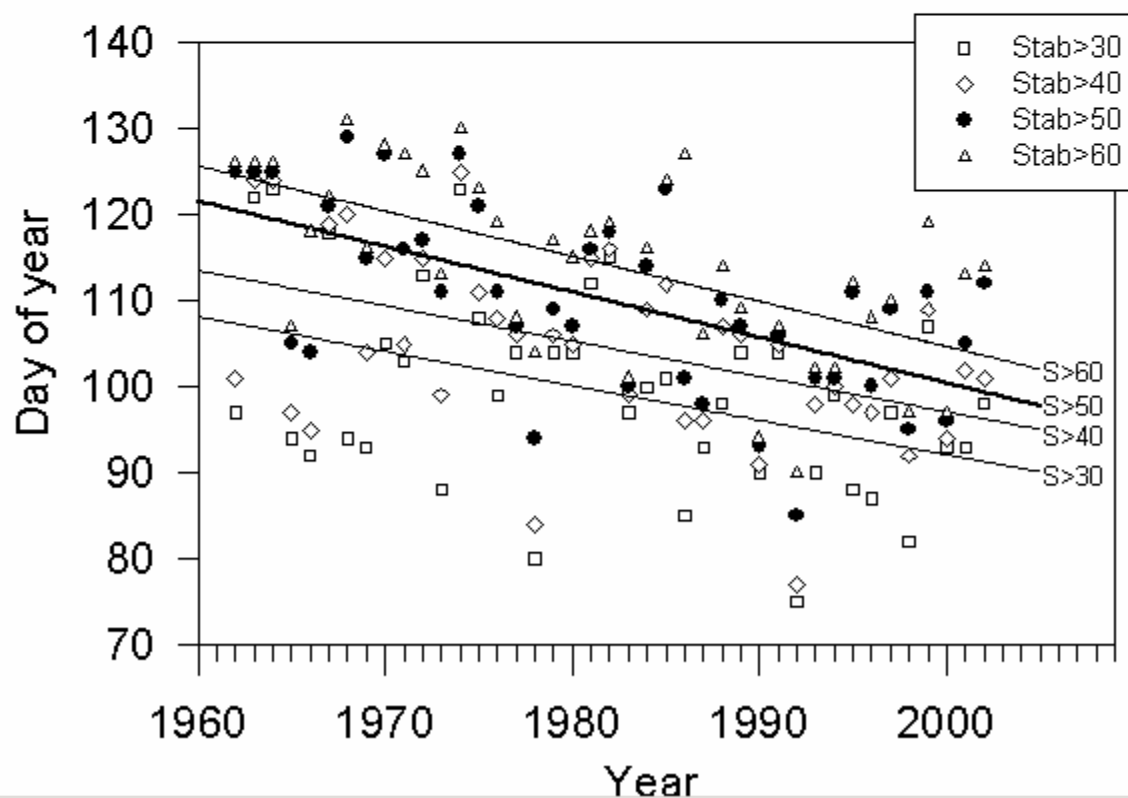




Ecological Archives E085-060-A1

onika Winder and Daniel E. Schindler. 2004. Climate change uncouples trophic interactions in an aquatic ecosystem. *ecology* 85:2100–2106.

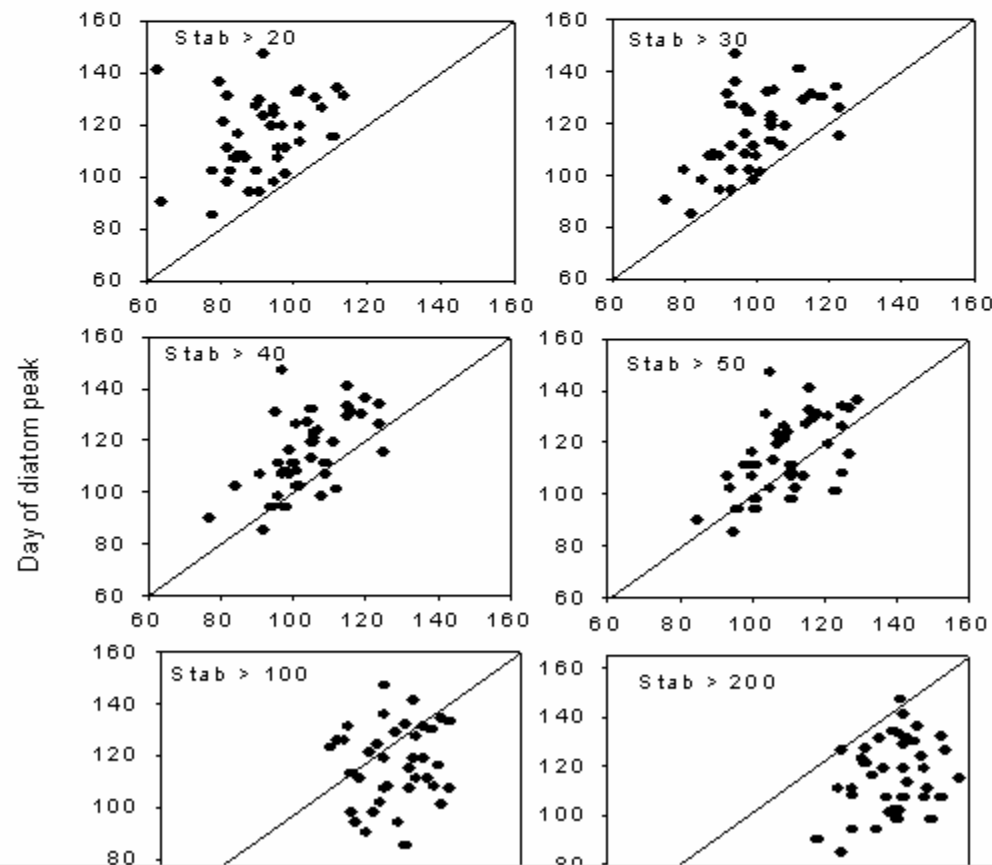
pendix A. A trend comparison of stratification onset in Lake Washington using different thresholds of the Schmidt's stability index.



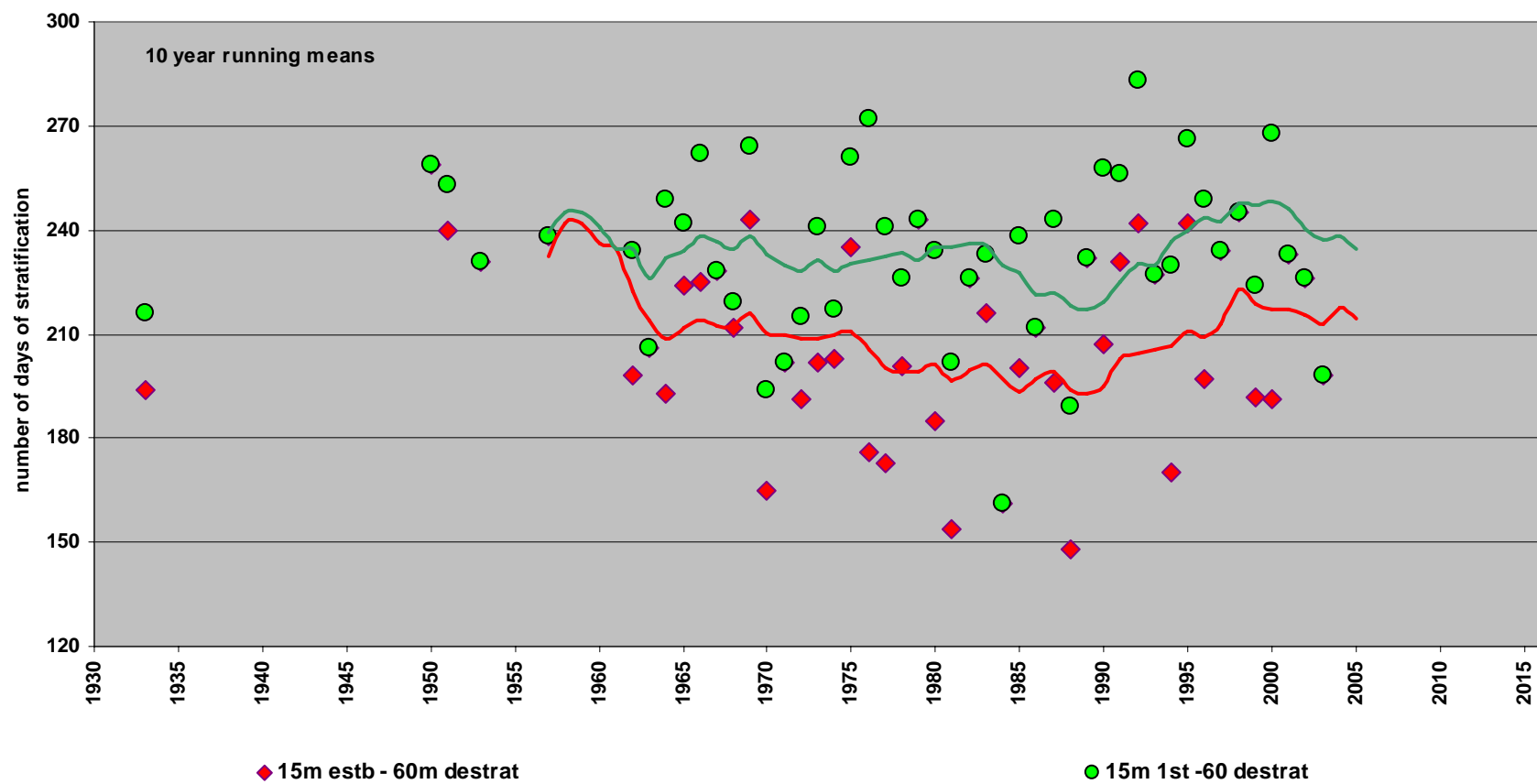
Ecological Archives E085-060-A2

onika Winder and Daniel E. Schindler. 2004. Climate change uncouples trophic interactions in an aquatic ecosystem. *ecology* 85:2100–2106.

pendix B. Relation between the timing of different Schmidt stability thresholds and the timing of diatom peaks.



Lake Washington estimated length of thermal stratification



Lake Washington estimated length of thermal stratification

