

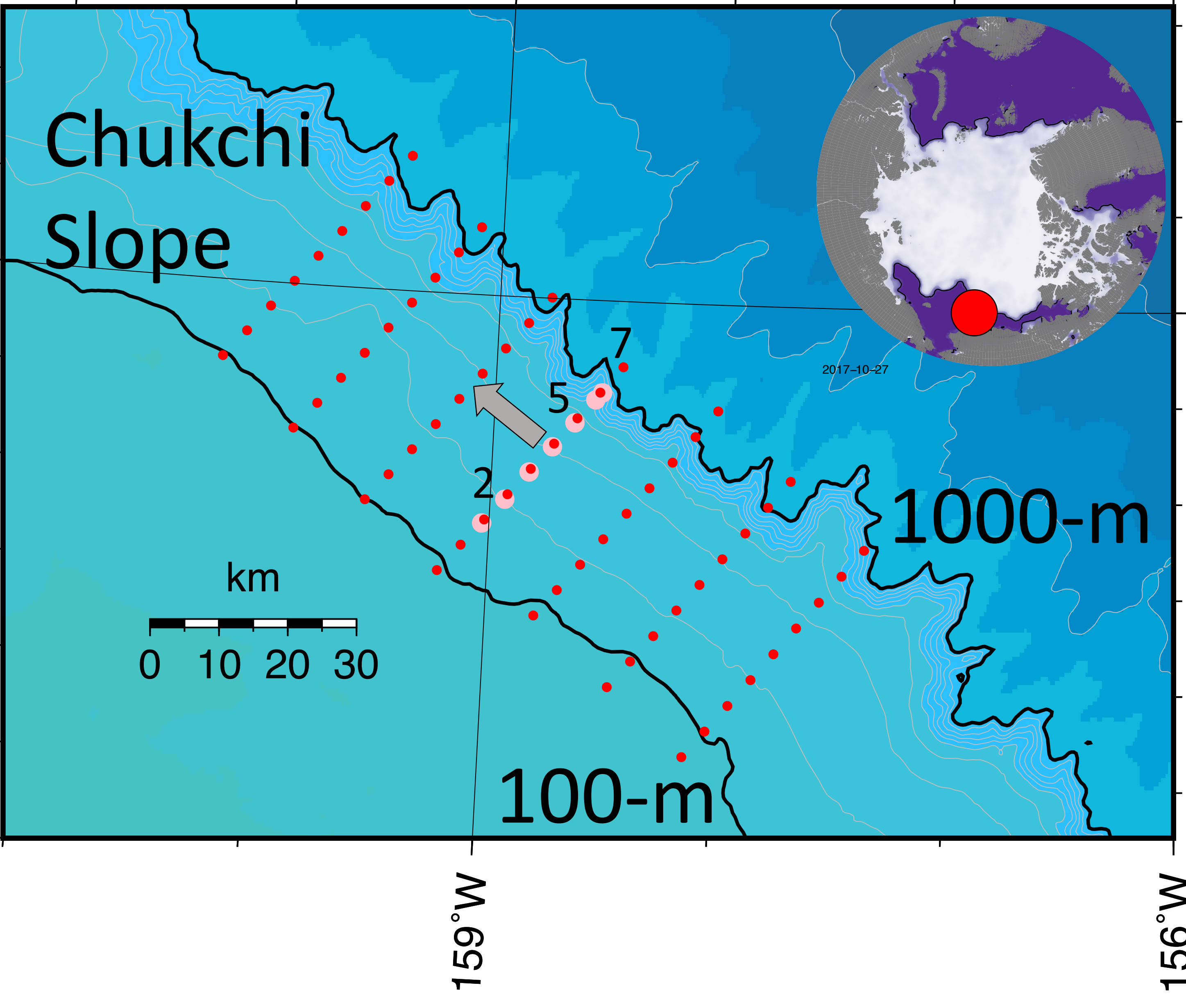
C33B-1195

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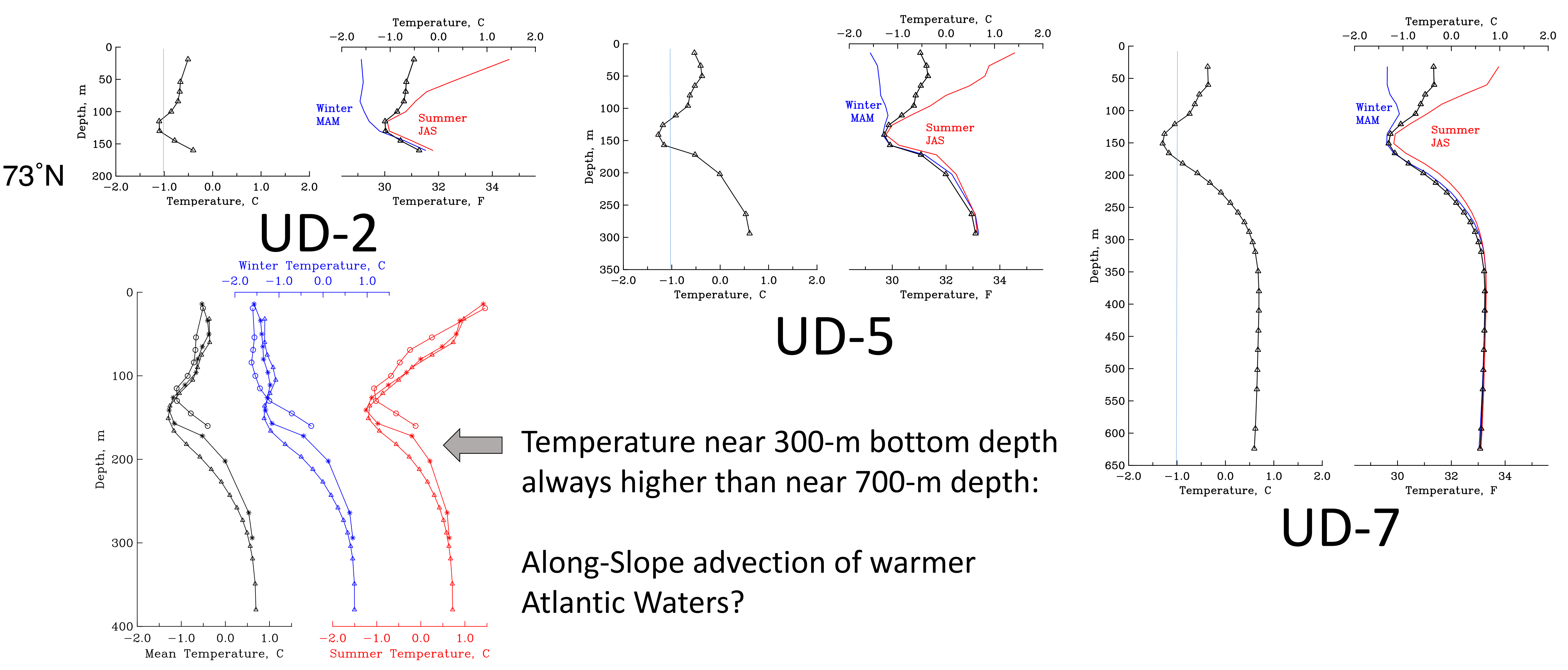
Ocean Temperature and Ice Draft Variability* over the Slope of the Chukchi Sea from 2016-17 Ocean Moorings

(* flooded)

2017 Survey and Mooring Section

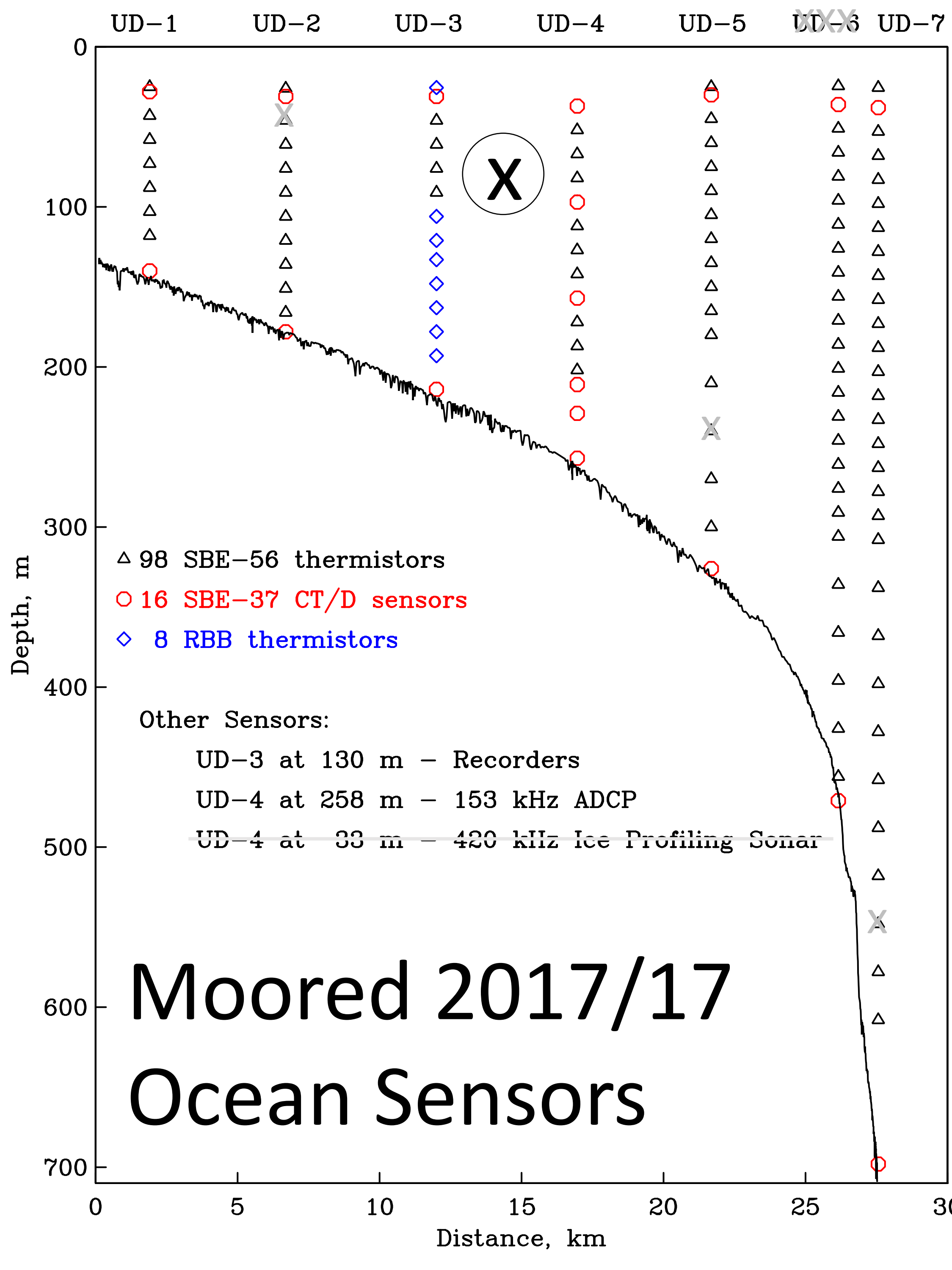


Mean vs Winter vs Summer Ocean Temperature Profile

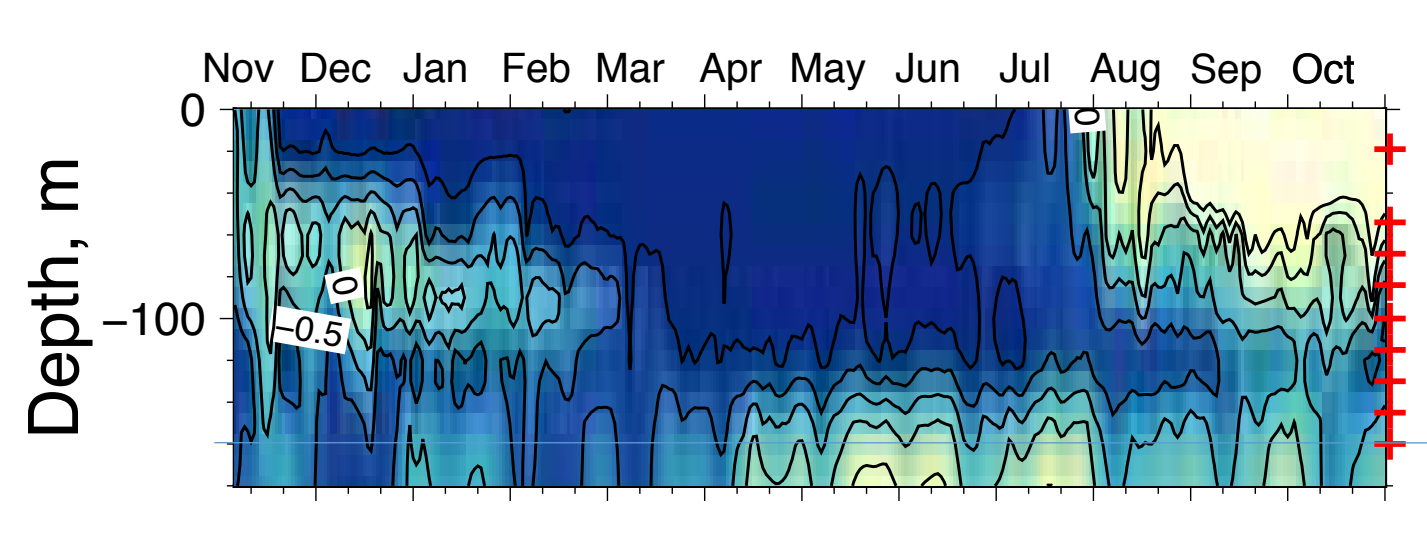
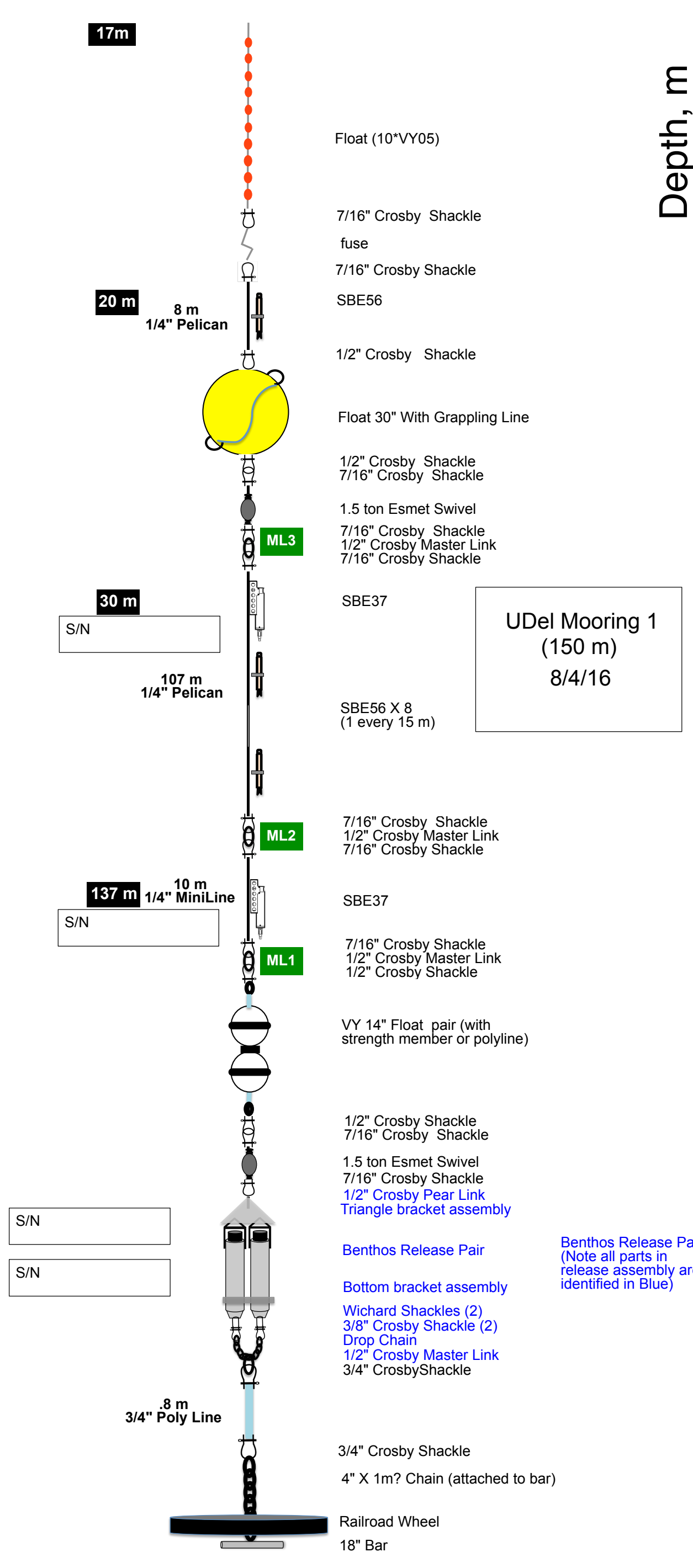


Temperature near 300-m bottom depth
 always higher than near 700-m depth:
 Along-slope advection of warmer
 Atlantic Waters?

UD-2 UD-5 UD-7



**Moored 2017/17
 Ocean Sensors**

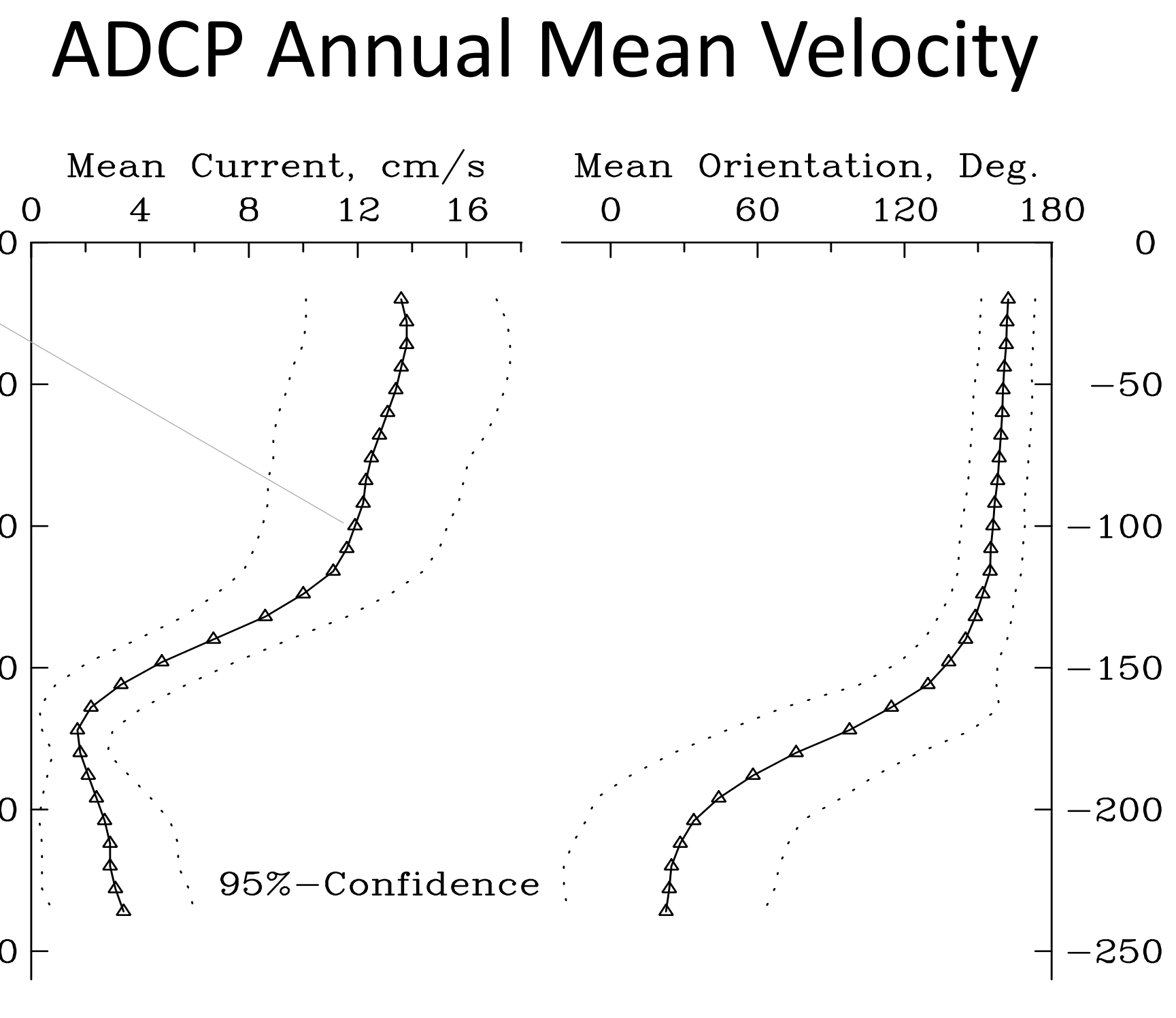
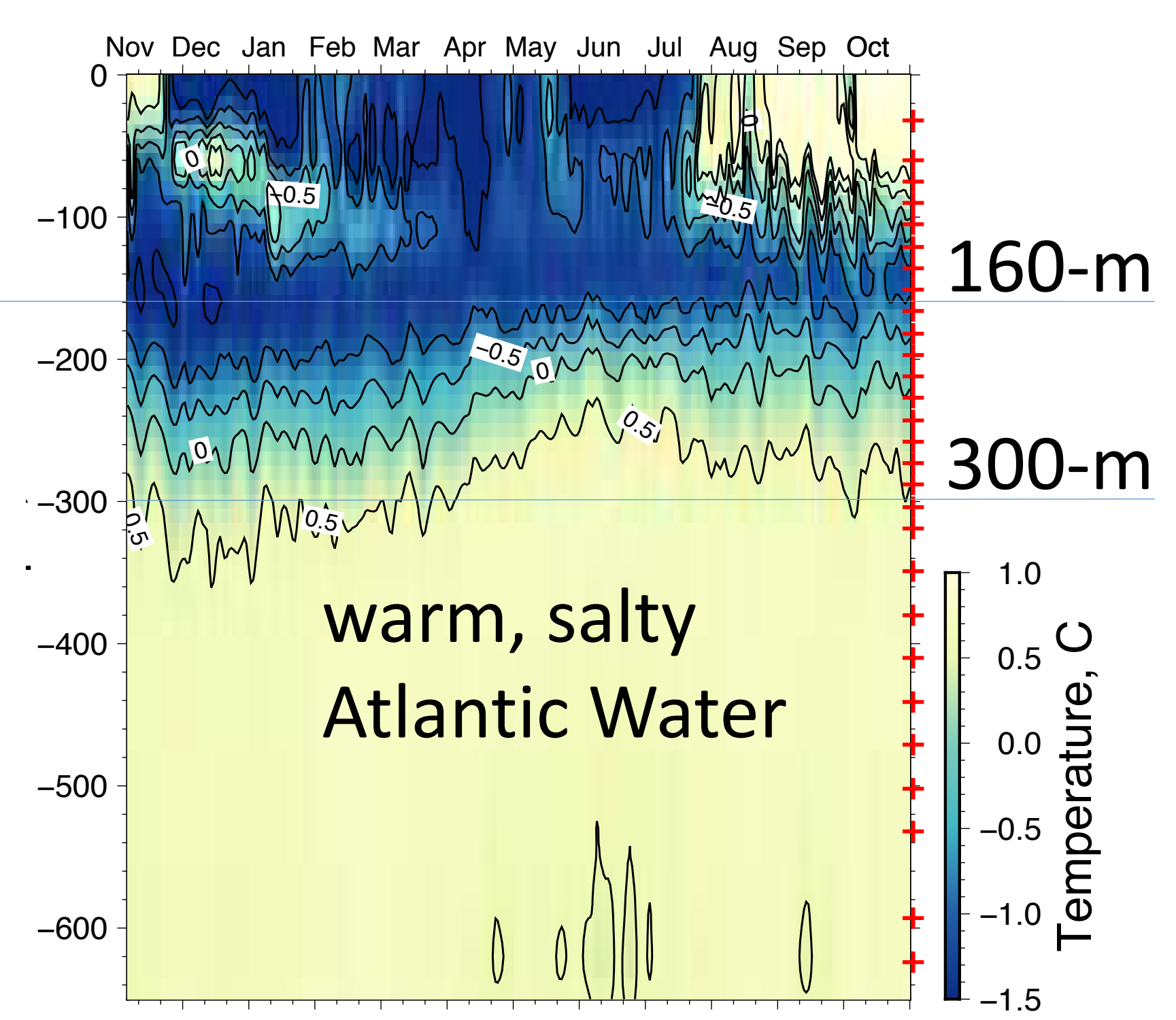
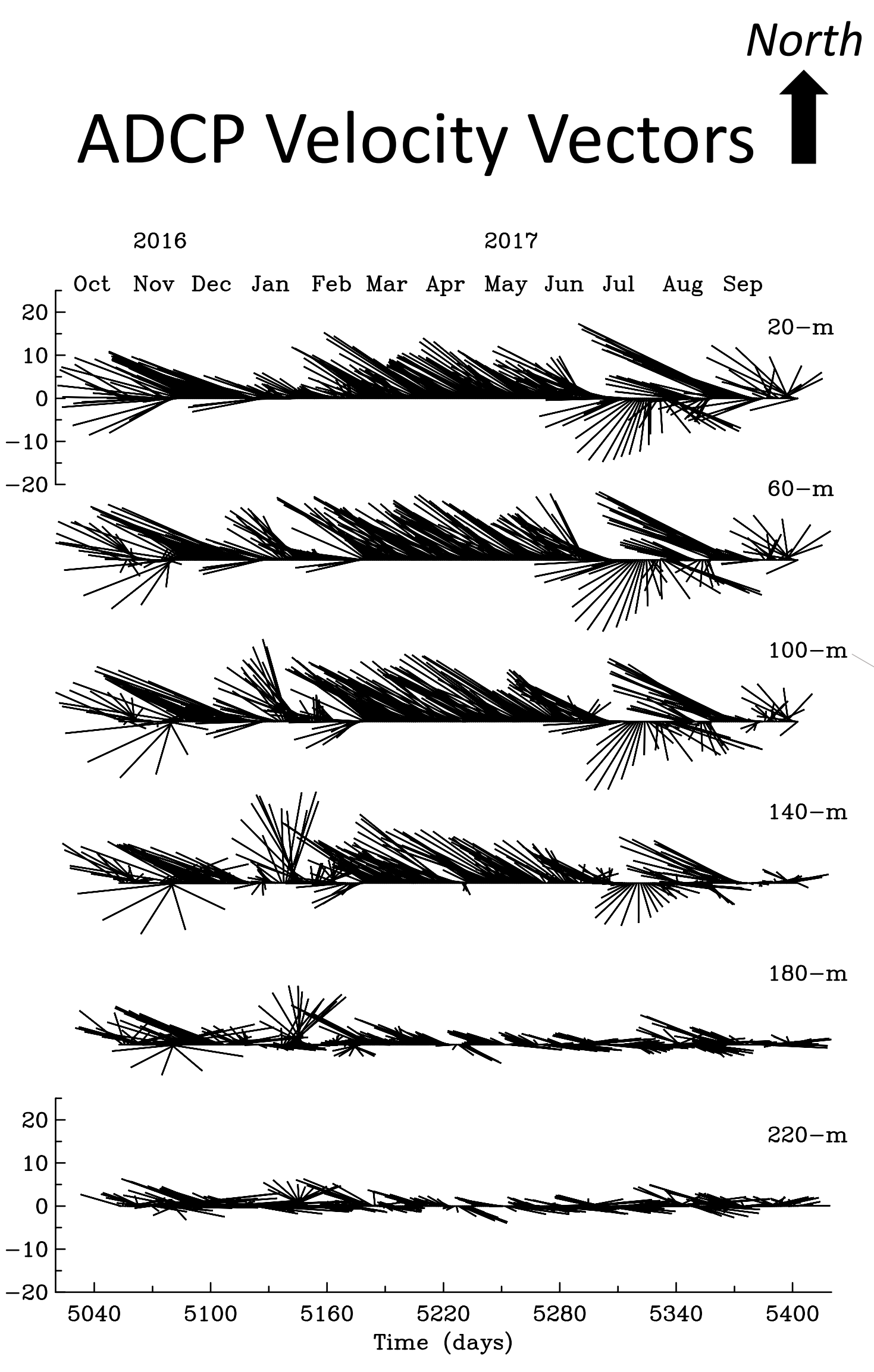
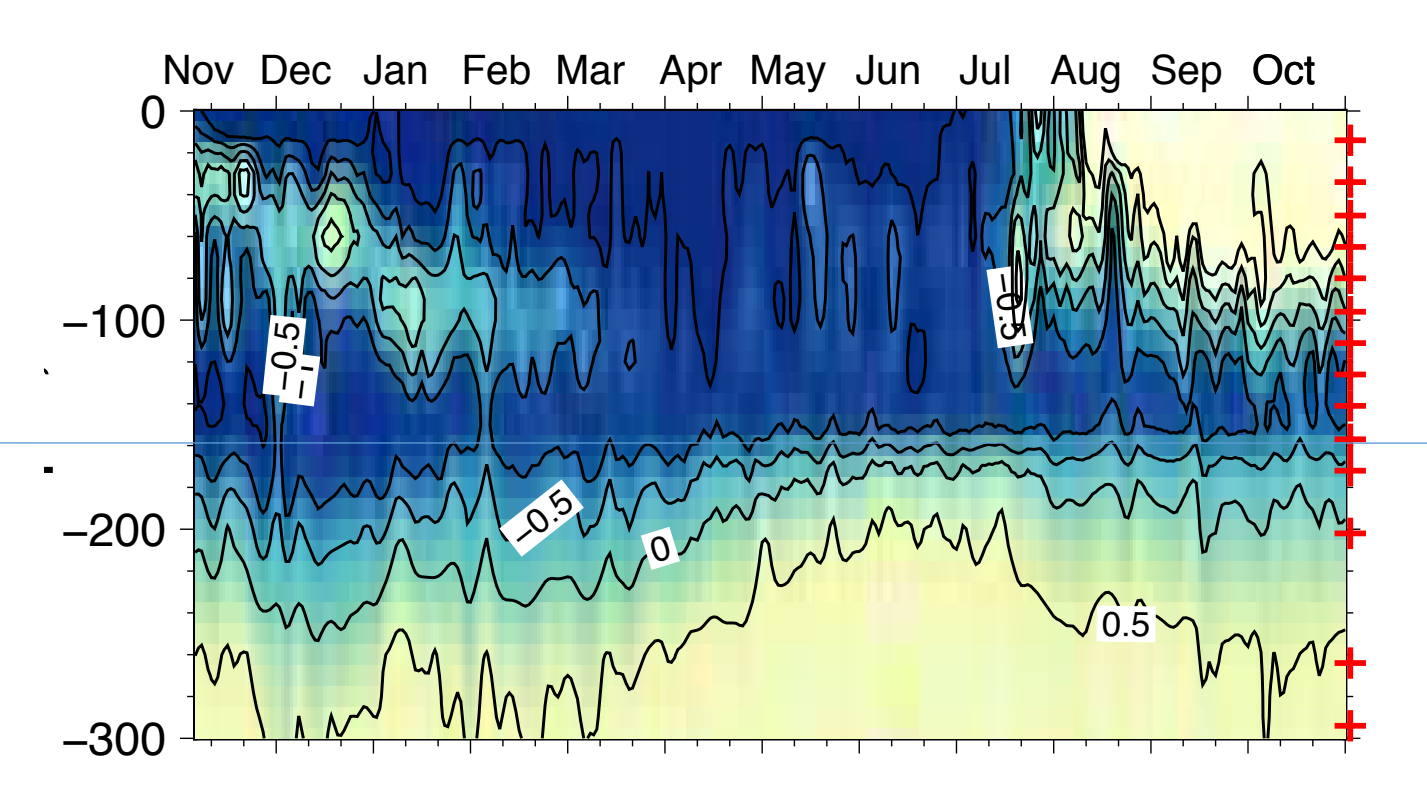


Westward flow above
 150-m during ice cover

Summer Flow reversals
 (eddies or wind-driven?)

Bottom flow variable and
 offshore on average

Cross-shelf flow onshore
 at surface offshore at
 bottom



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