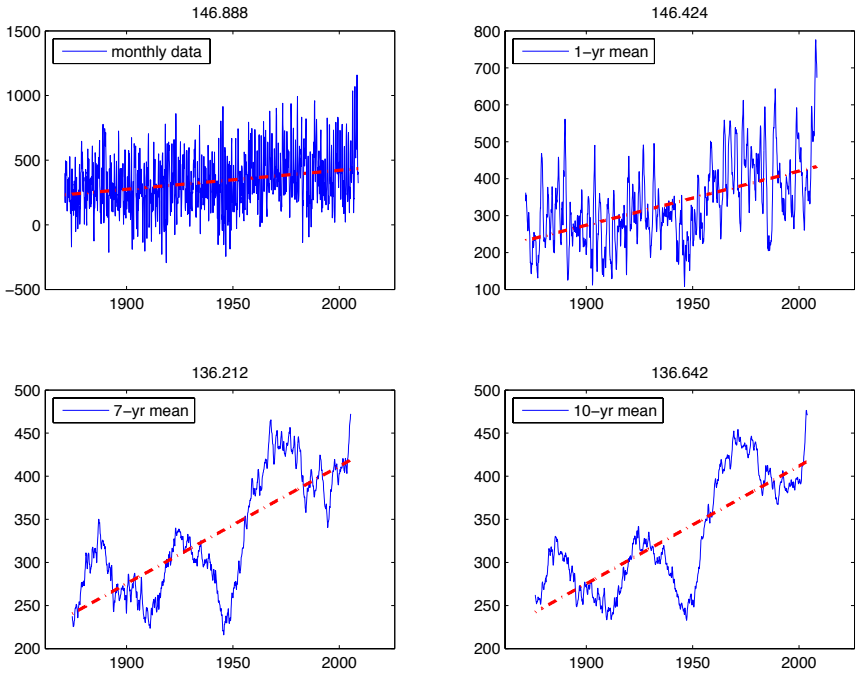
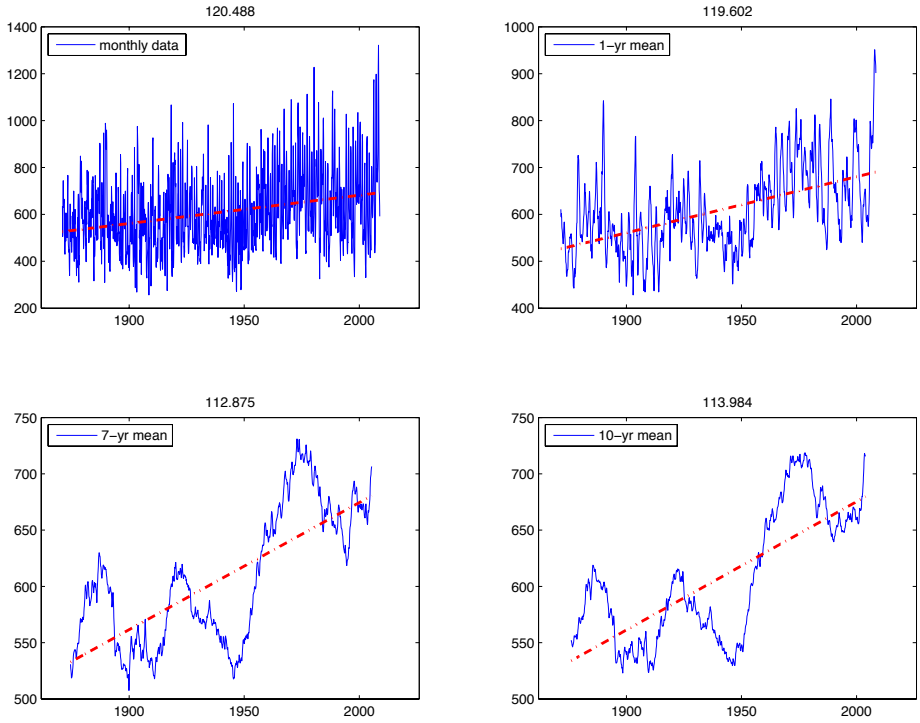
Volumetric Flow Over Whole SODA domain (-1<=lat<=1)
Titles indicate change in volume flow (Sverdrups) per century

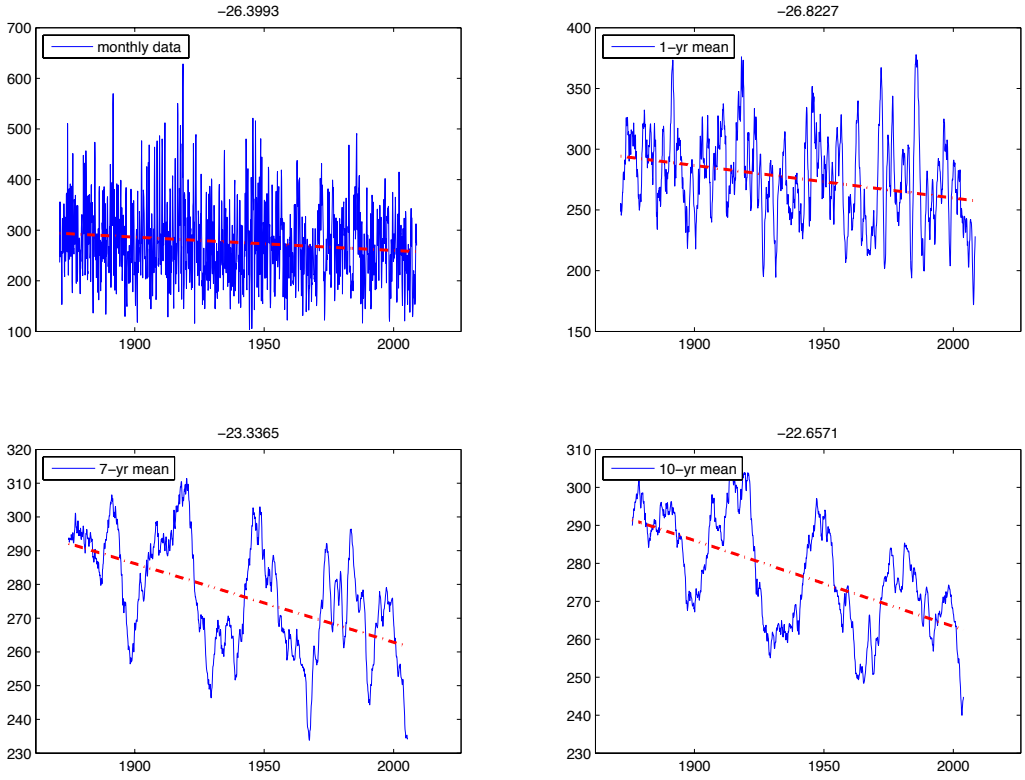


Eastward Current Only (EUC)

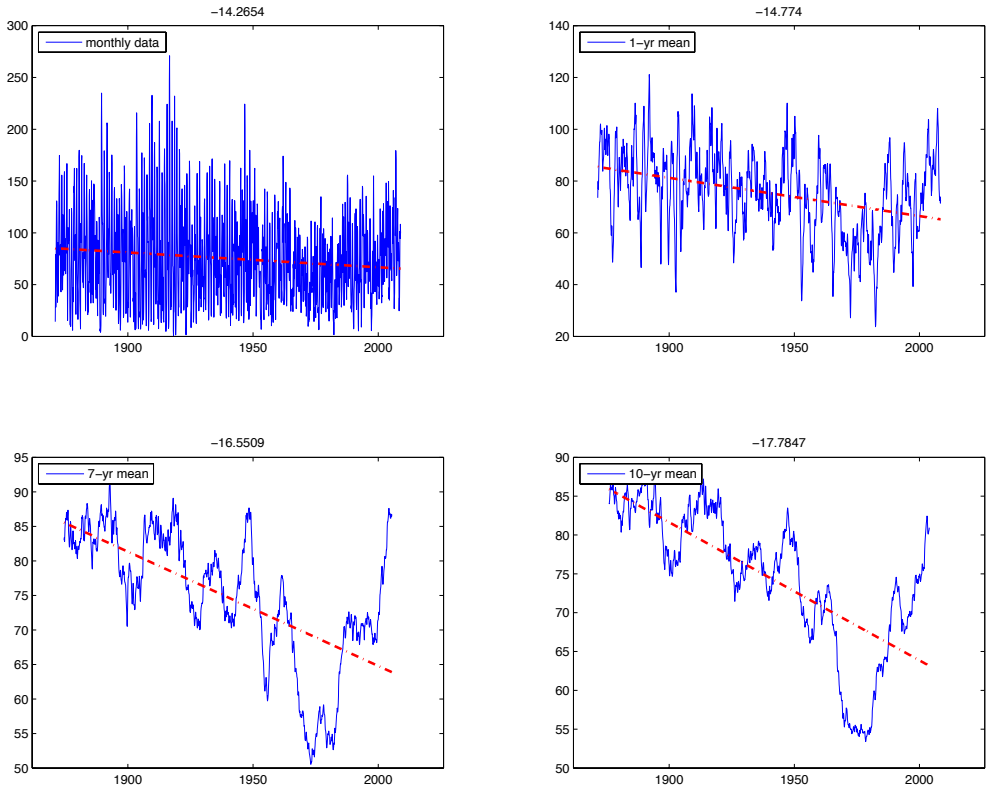


Definitely looks like the eastward flow has a strong influence on the domain's overall flow signature

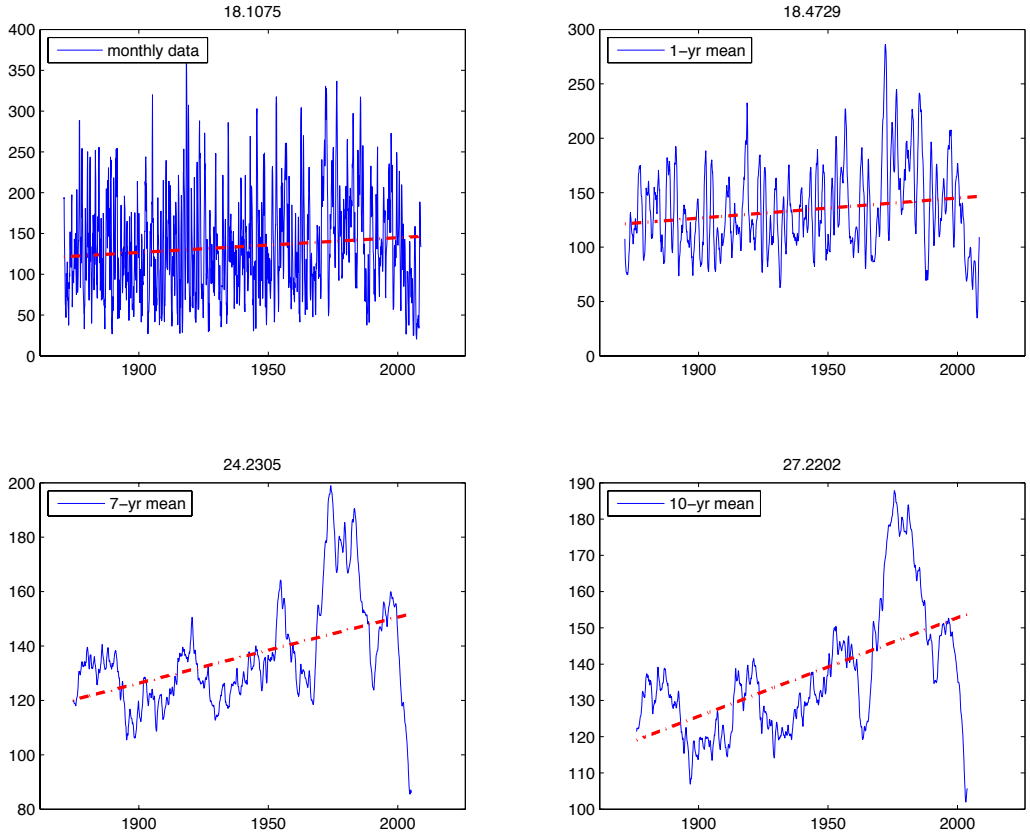
Westward Water Movement Only (SEC+ IEC)
(Note: changed sign so that positive values reflected absolute current intensity in westward direction)



SEC(?) (westward current at depth <= 40m)



IEC (westward current at depth >= 150m)



(not sure what the IEC is doing at the end of the time series. May just be an artifact of the calculation or an indication that the EUC (eastward flow) is dominating a larger part of the domain)

Remaining Westward Flow (at 40 <depth<150m)