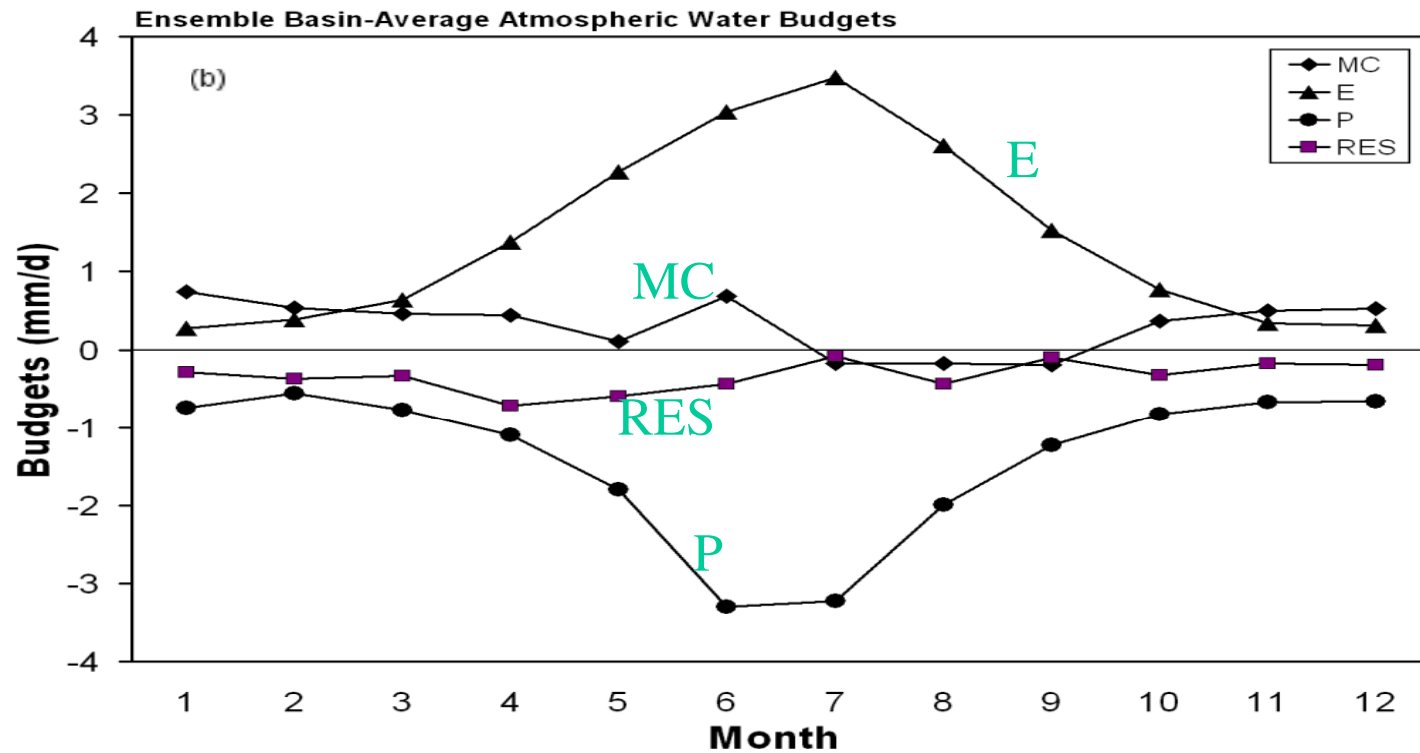


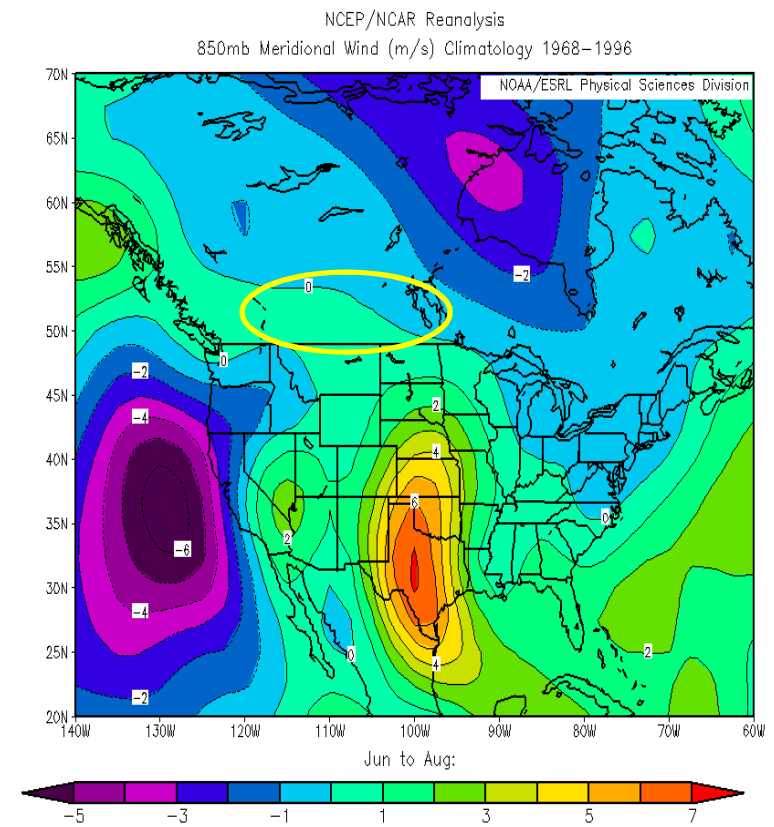
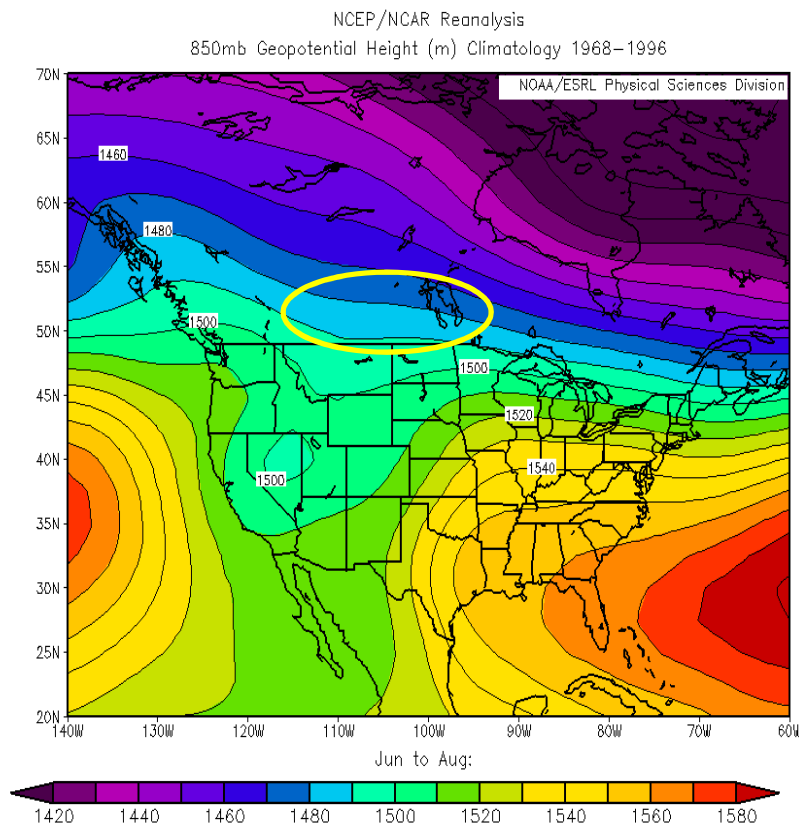
## Seasonal Variation of SRB Basin-Average Atmospheric Water Budgets



Contemporaneous Correlations between various June western  
Prairie water budget terms for 1960-2002

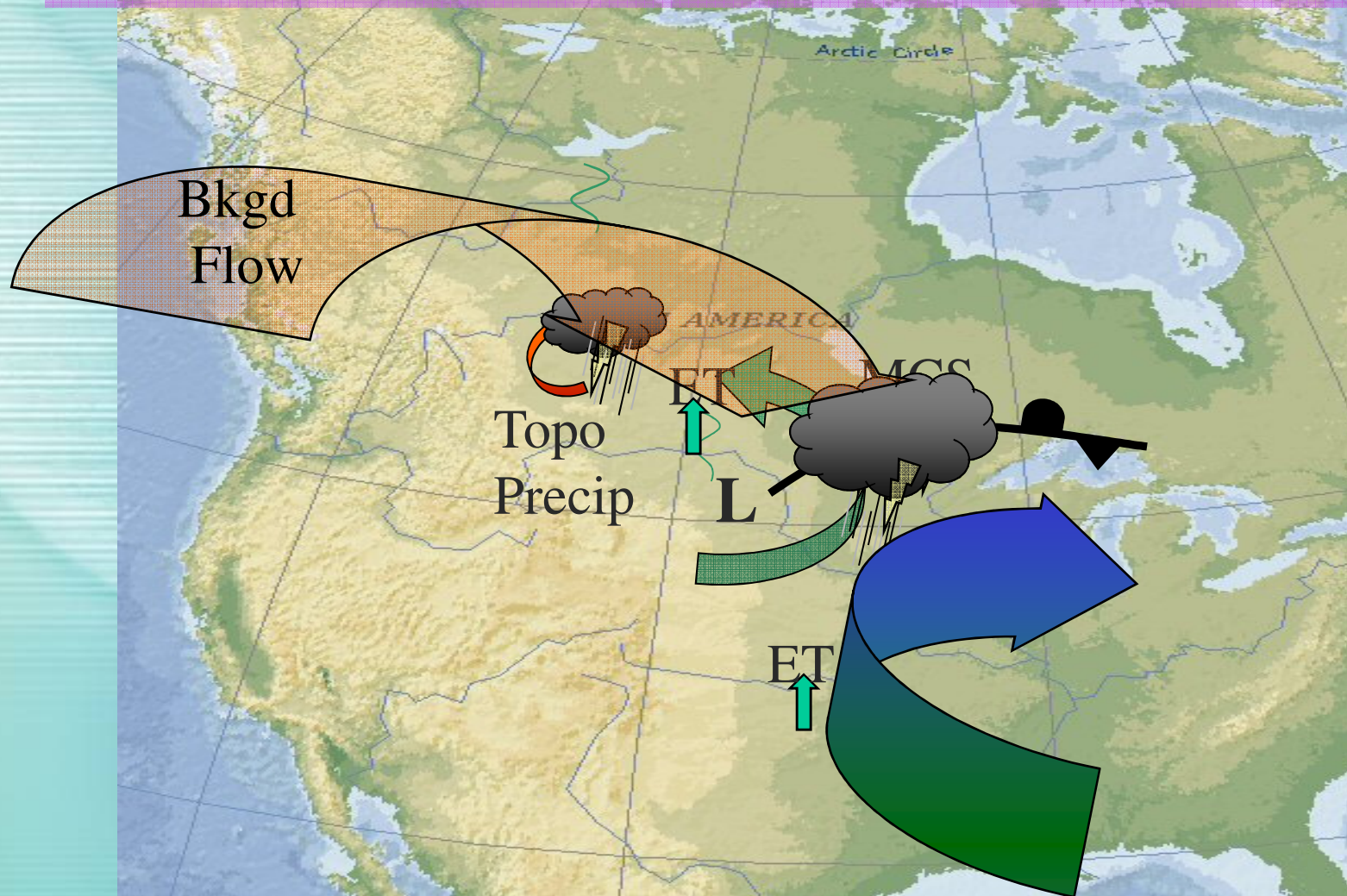
	<i>P</i>	<i>E</i>	<i>MC</i>	<i>SM</i>	<i>C</i>
<i>P</i>	1	-0.05	0.80	0.31	0.67
<i>E</i>	-0.05	1	-0.21	0.60	-0.07
<i>MC</i>	0.80	-0.21	1	0.06	0.60

# JJA mean circulation at 850 hPa



Mean subsiding and diverging lower level northwesterly flow over the Prairies and the climatological GPLLJ does not extend into the region → moisture flux convergence and mean southerly moisture transports into the Prairies must be accounted for by eddy transports

**Hypothesis:** Cyclonic systems over the mid-northern U.S. play a significant role in governing the warm-season water transport & cycling in the Canadian Prairies



### May - August Average Budgets

