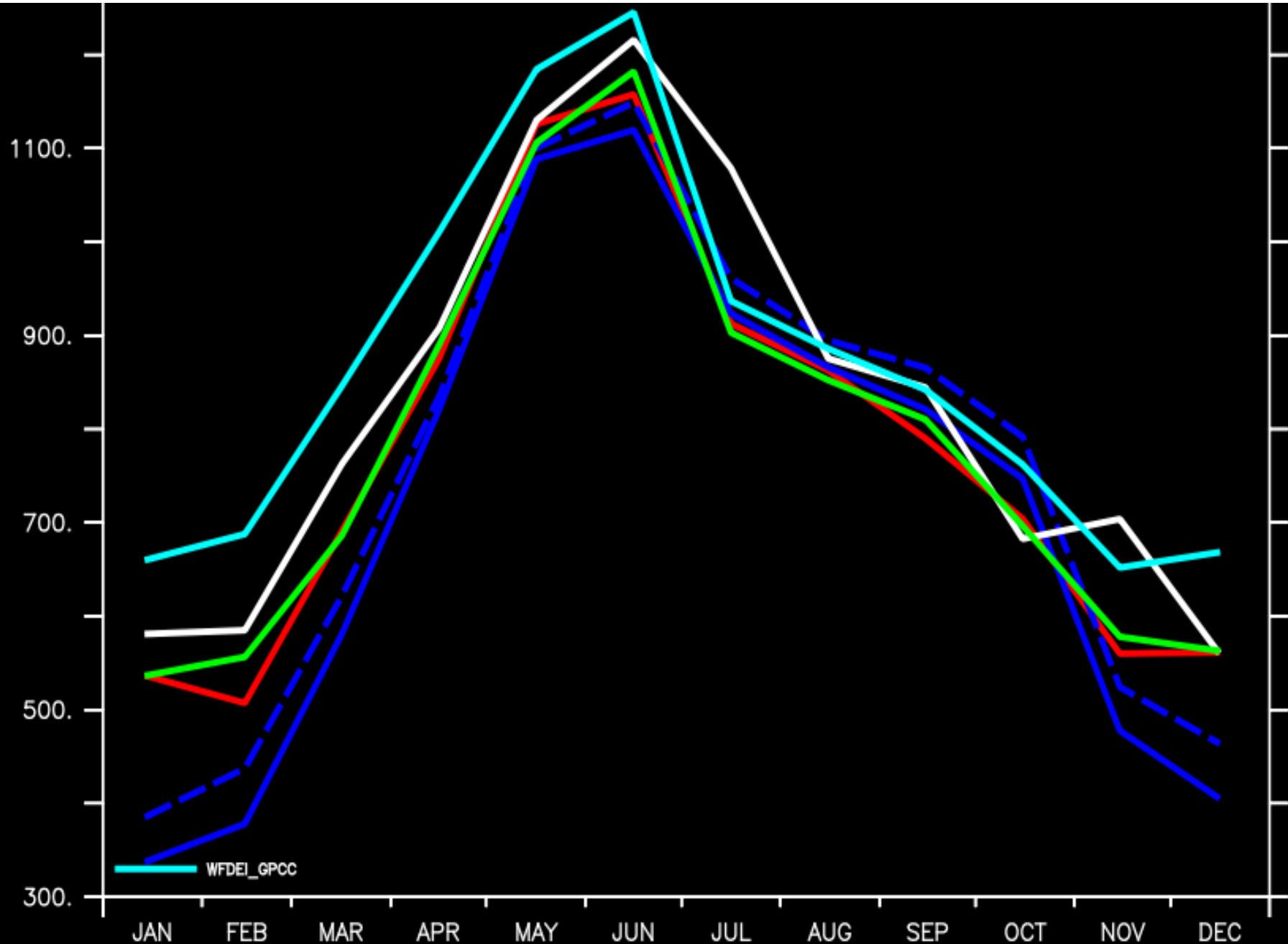


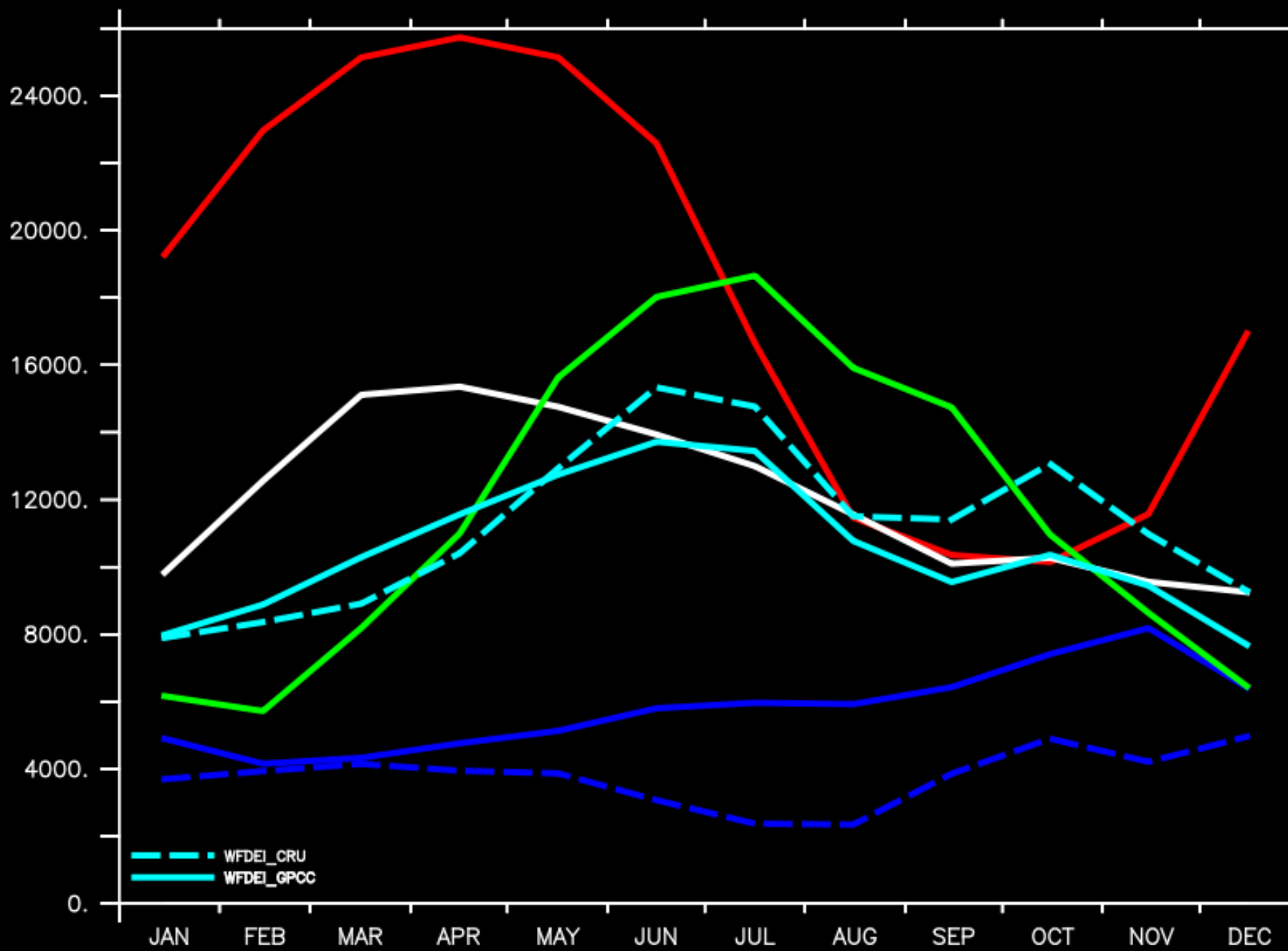
Tests to simulate Mississippi discharge

ORCH	REVISION	DRIVER	FORCING	RESOL.	STUDIED TIME-PERIOD	
Trunk	rev2724	Old	CRU-NCEP v5.3.2	0.5°, 6h	2001-2010	} Josefine
Trunk	rev2724	Old	CRU-NCEP v5.3.2	2.0°, 6h	2001-2010	
Trunk	rev2958	Old	NCC	1.0°, 6h	1989-1998	} Matthieu
Trunk	rev2958	Old	Princeton_GPCC	1.0°, 3h	1999-2008	
Trunk	rev2958	Old	WFDEI_GPCC	0.5°, 3h	1999-2008	
Trunk	rev2031	New	WFDEI_CRU	0.5°, 3h	1999-2008	} Jan
Trunk	rev2686 + cor. bug water conserv.	Old	Princeton_GPCC	1.0°, 3h	1999-2008	} Agnès



1997
Precip (mm/yr)

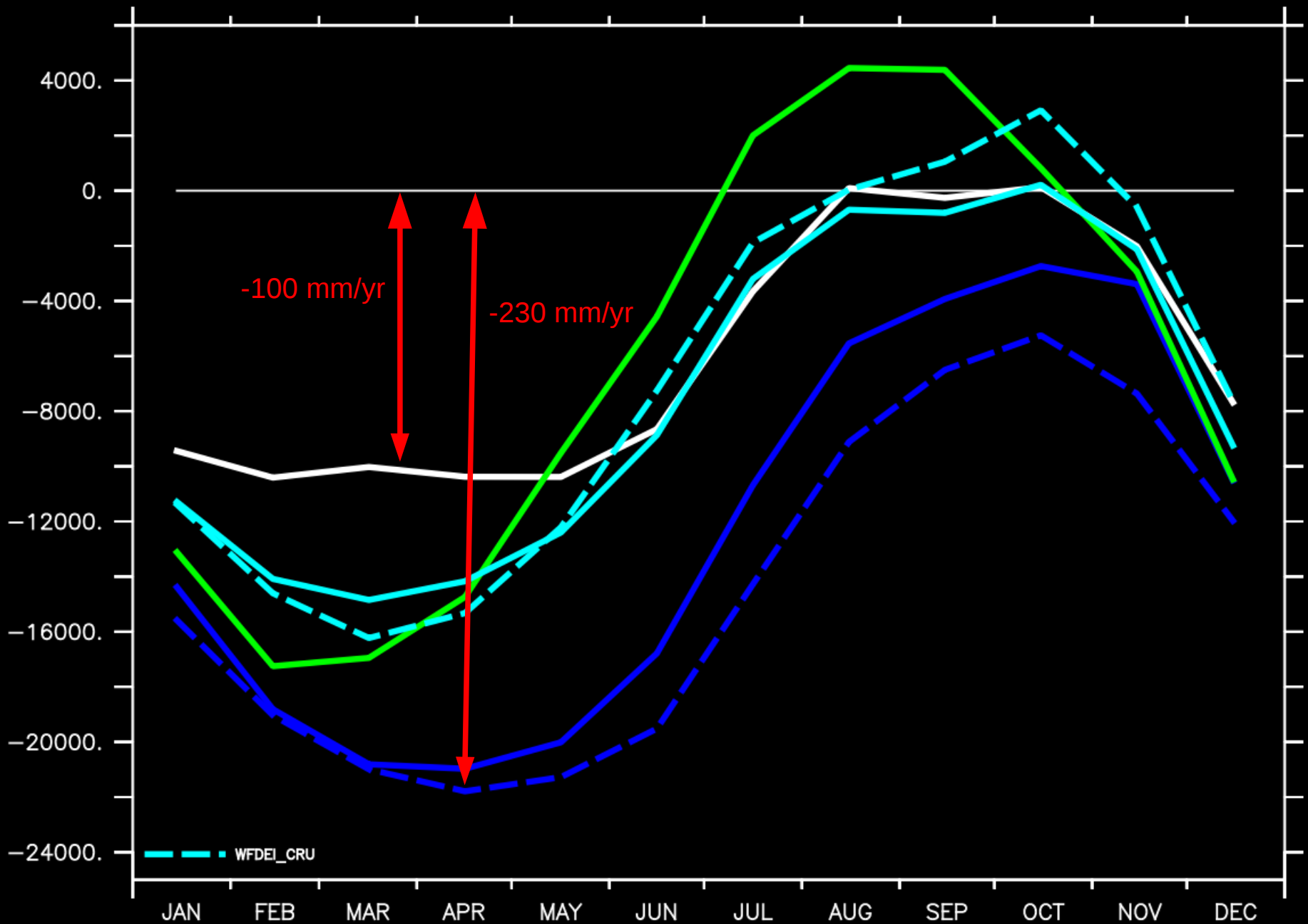
- GPCC
- CRU-NCEP 0.5deg
- CRU-NCEP 2.0deg
- NCC
- Princeton_GPCC



1997

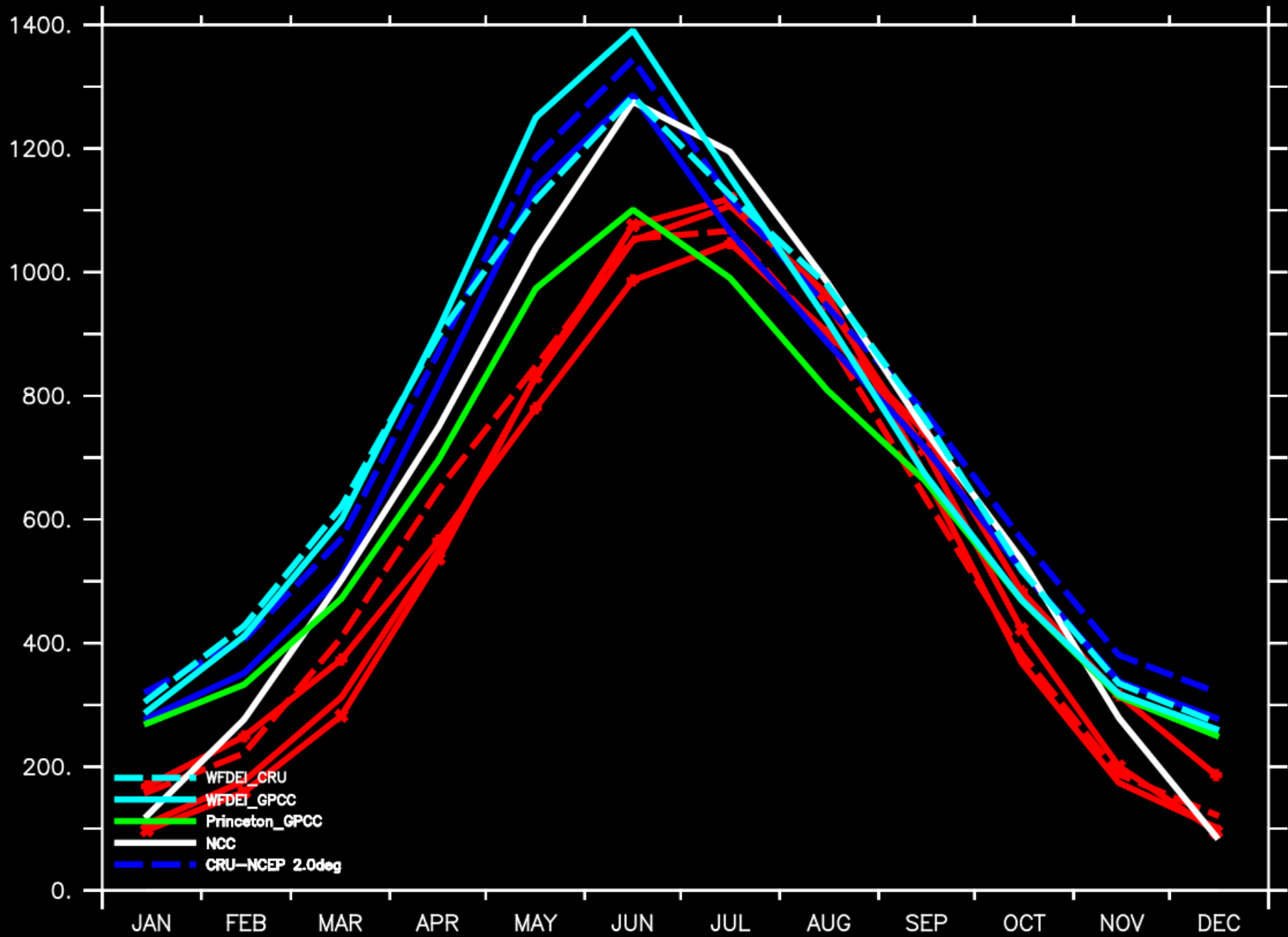
Discharge Vicksburg (m^3/s)

- GRDC
- CRU-NCEP 0.5deg
- - - CRU-NCEP 2.0deg
- NCC
- Princeton_GPCC



Discharge Diff with GRDC (m^3/s)

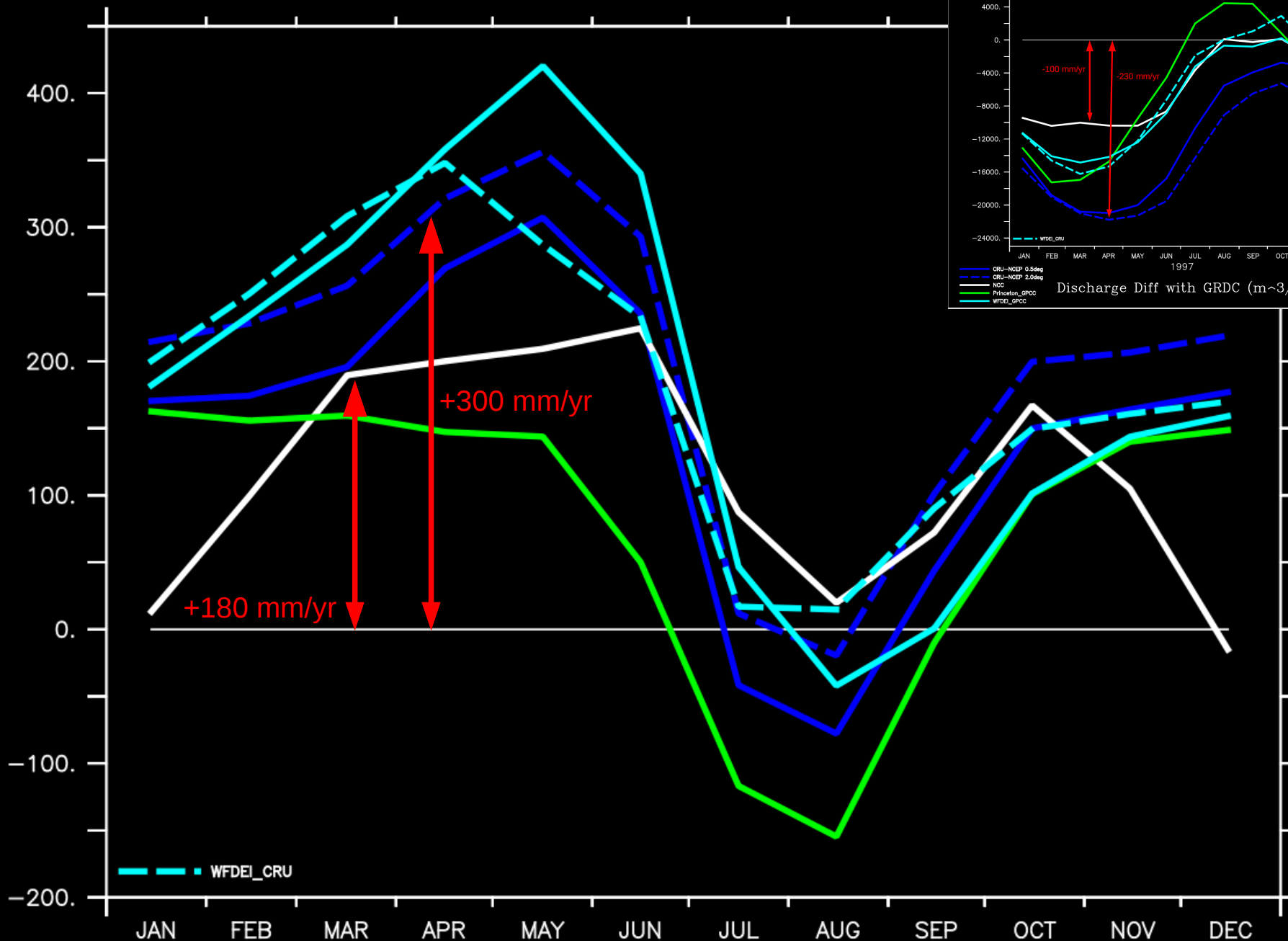
- CRU-NCEP 0.5deg
- - CRU-NCEP 2.0deg
- NCC
- Princeton_GPCC
- - WFDEI_GPCC



1997

Evap (mm/yr)

- MPI
- - - GLEAM
- ◆ NTSG
- PKU
- CRU-NCEP 0.5deg



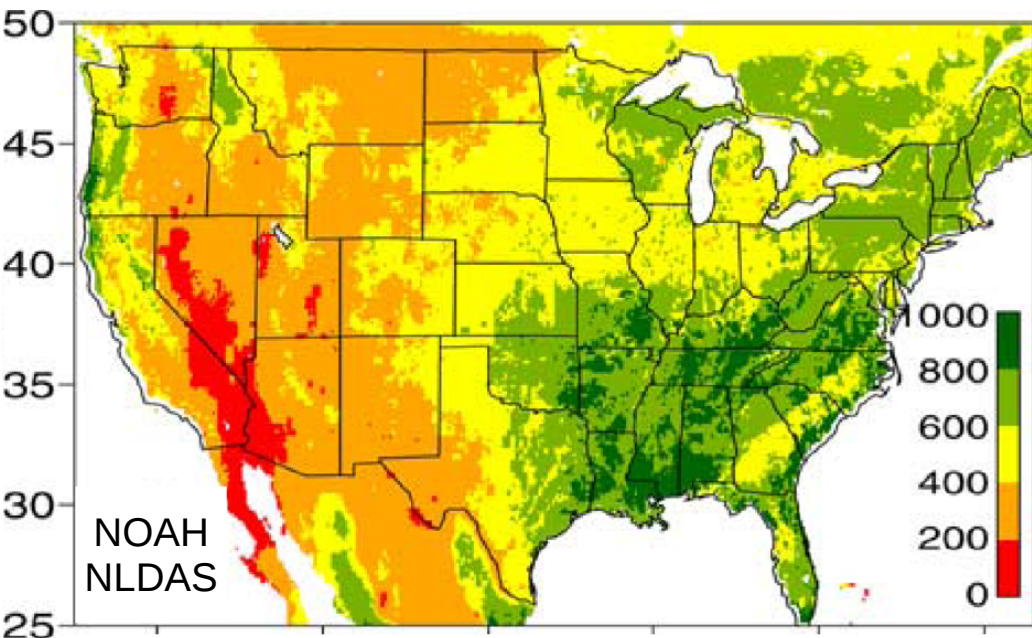
Evap Diff with MPI (mm/yr)

- CRU-NCEP 0.5deg
- - - CRU-NCEP 2.0deg
- NCC
- Princeton_GPCC
- WFDEI_GPCC

Discharge Diff with GRDC (m³/s)

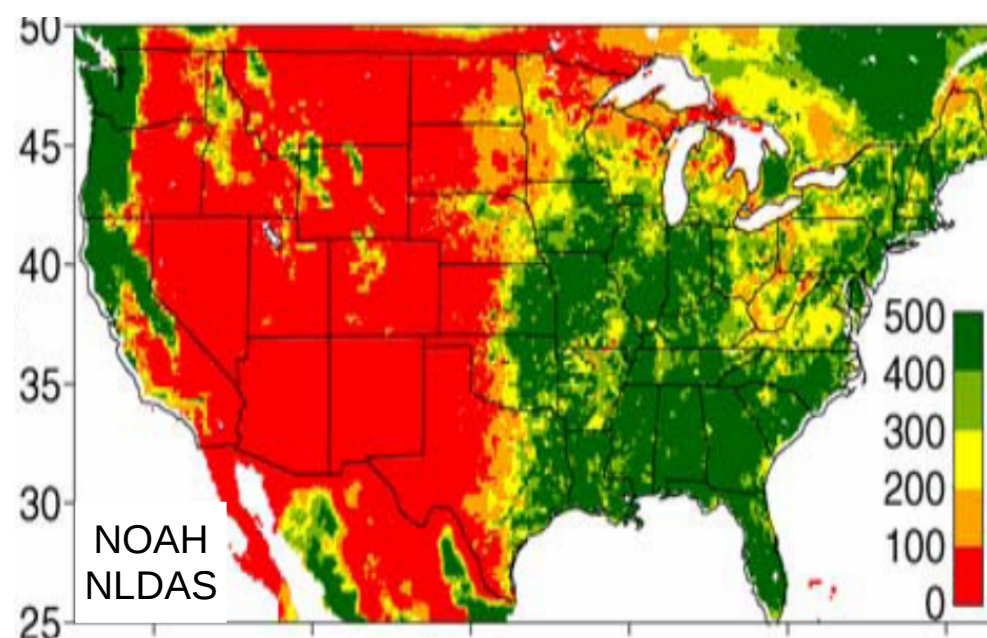
- CRU-NCEP 0.5deg
- - - CRU-NCEP 2.0deg
- NCC
- Princeton_GPCC
- WFDEI_GPCC

Annual ET (mm/yr)

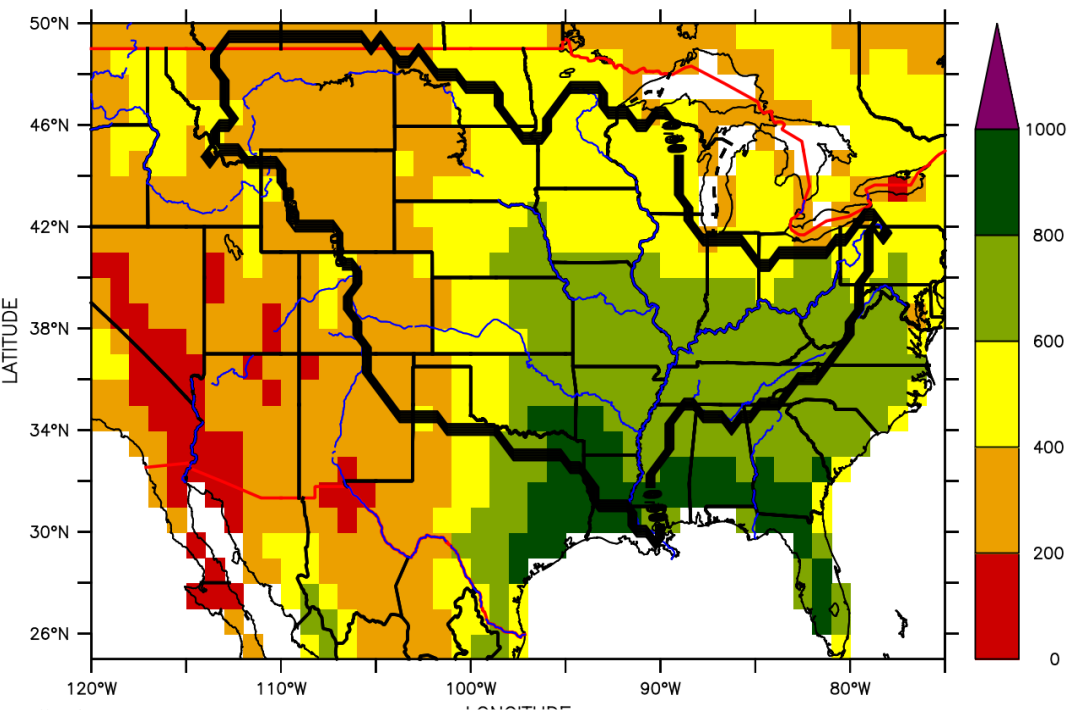


Mitchell et al. (JGR, 2004)

Annual R (mm/yr)

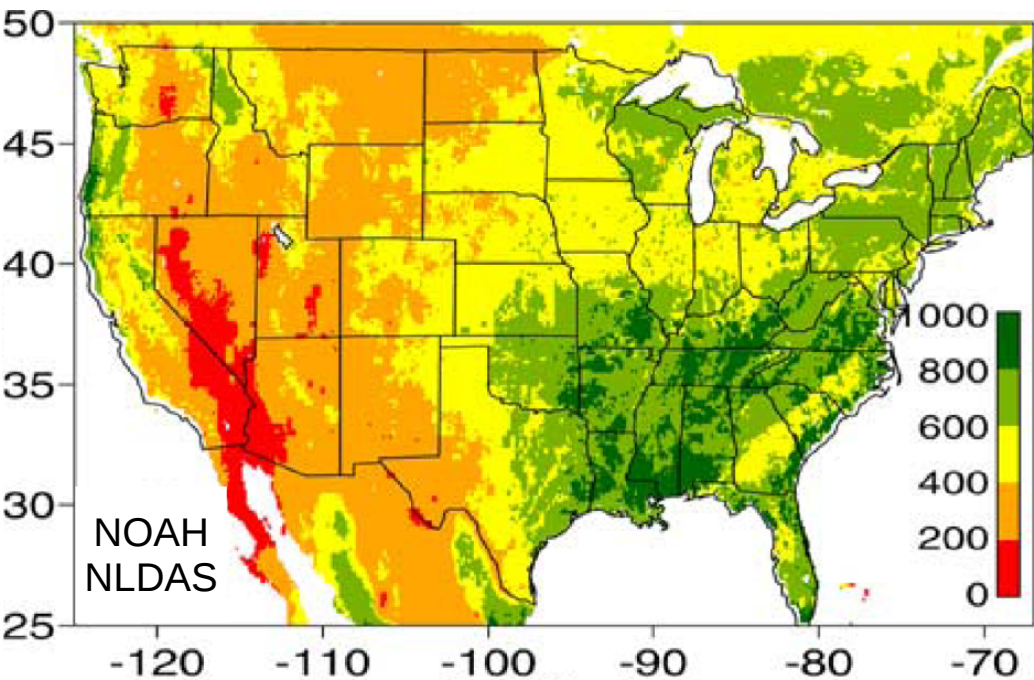


Lohmann et al. (JGR, 2004)

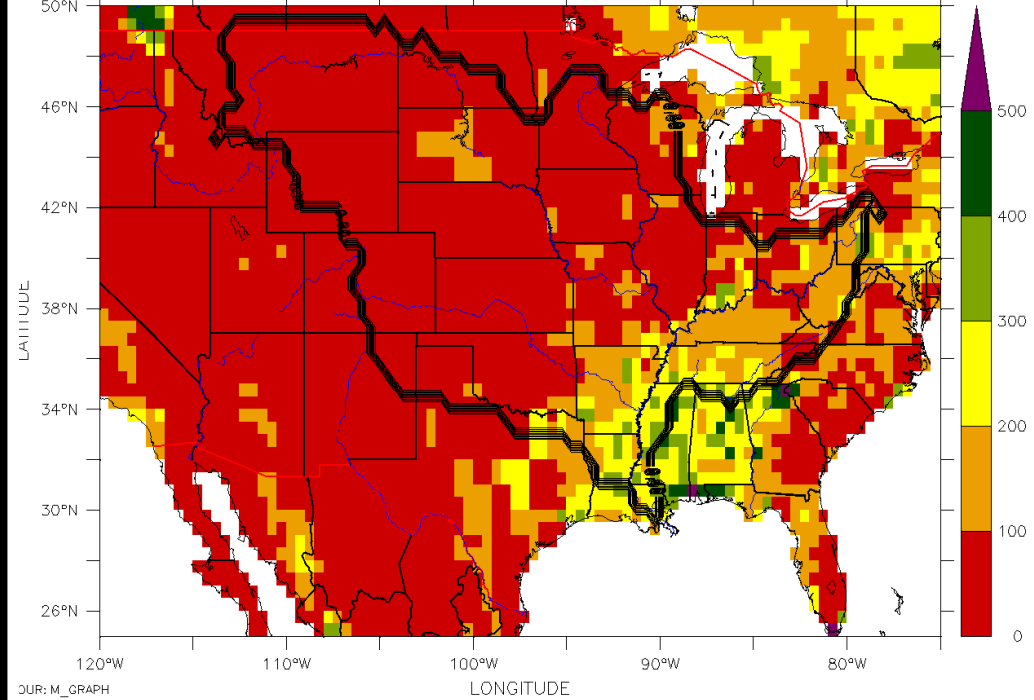
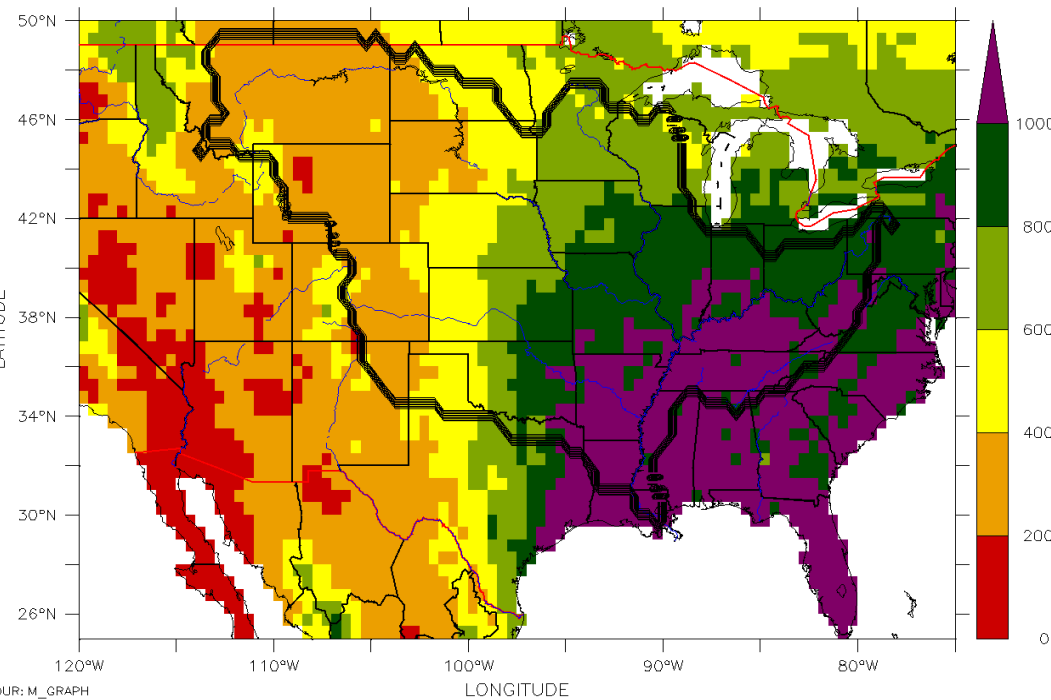
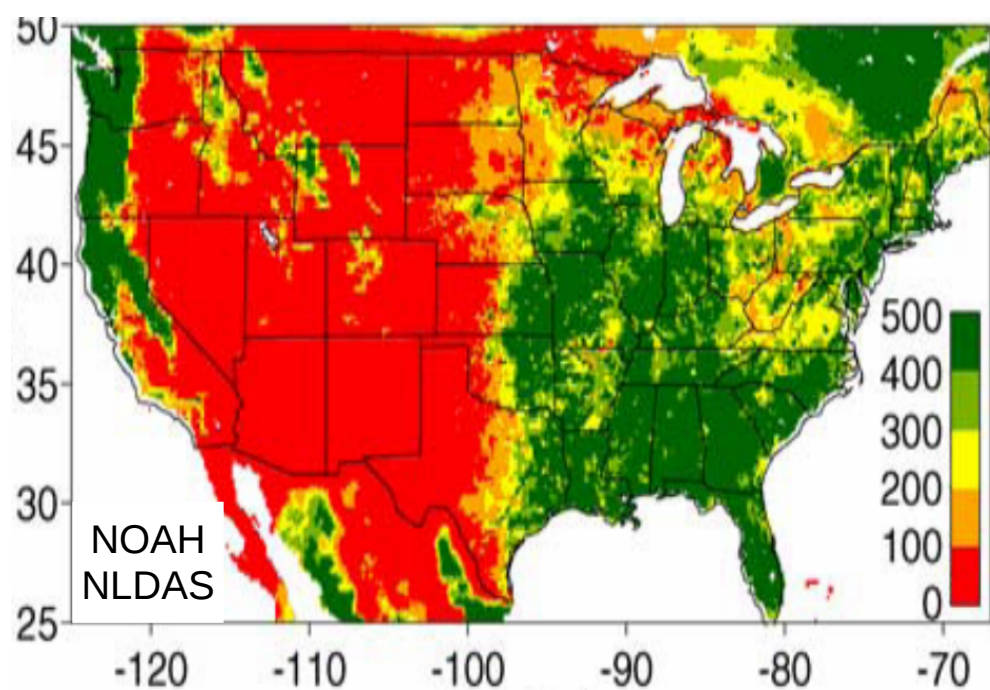


MPI data product

Annual ET (mm/yr)



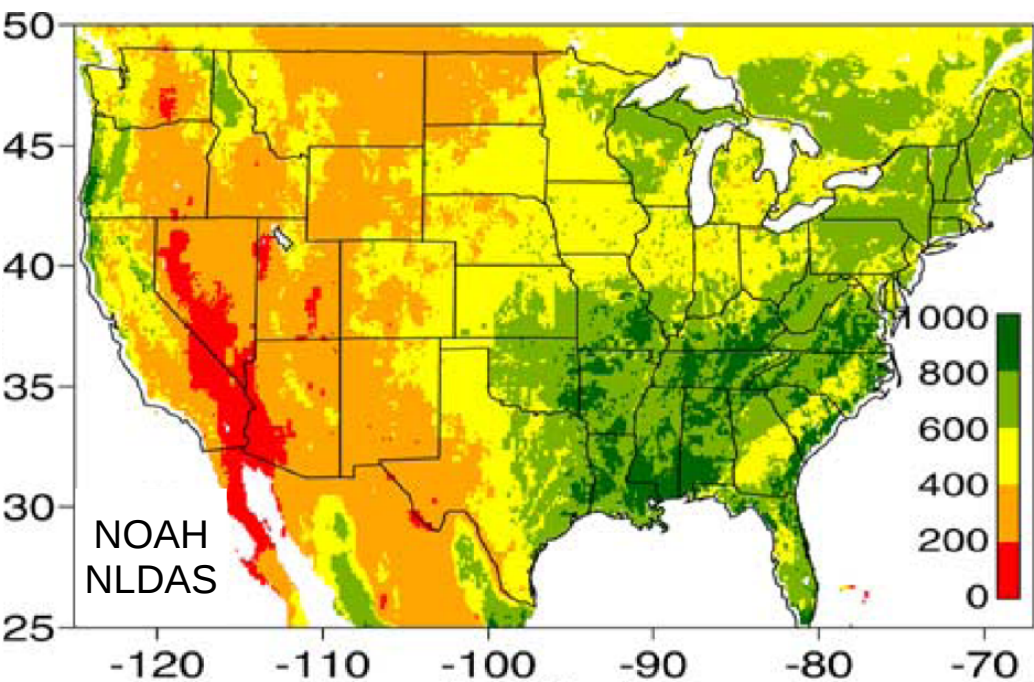
Annual R (mm/yr)



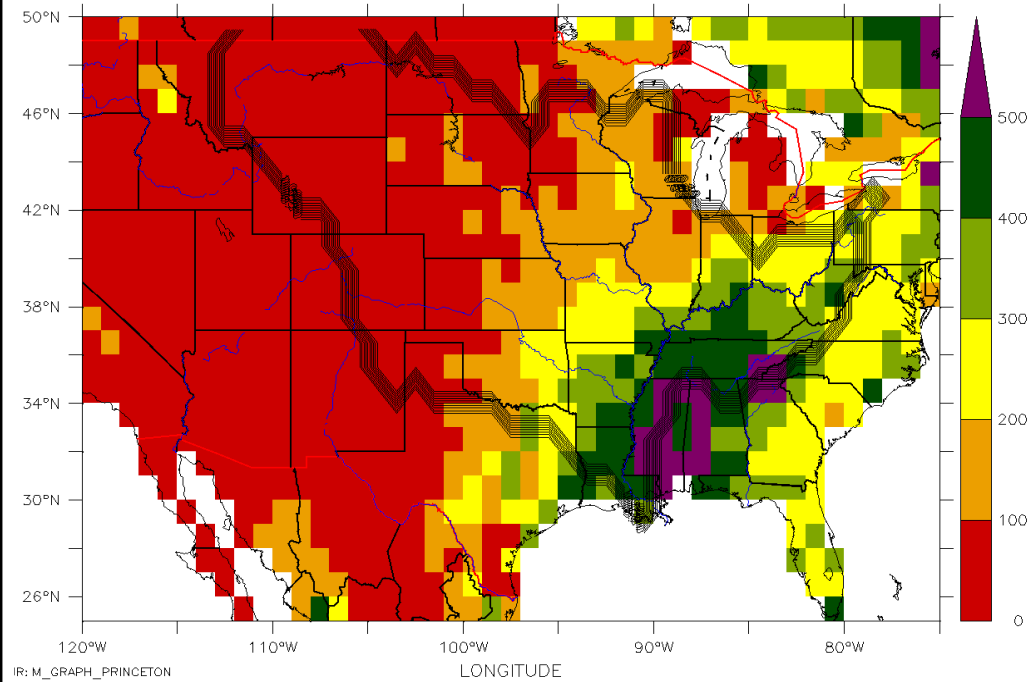
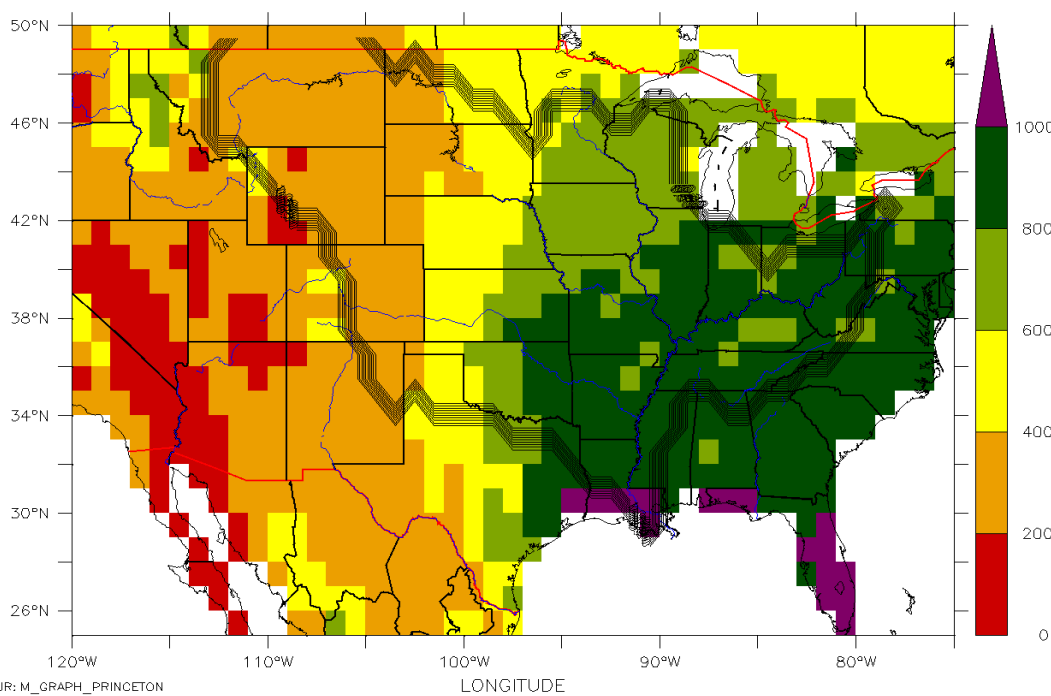
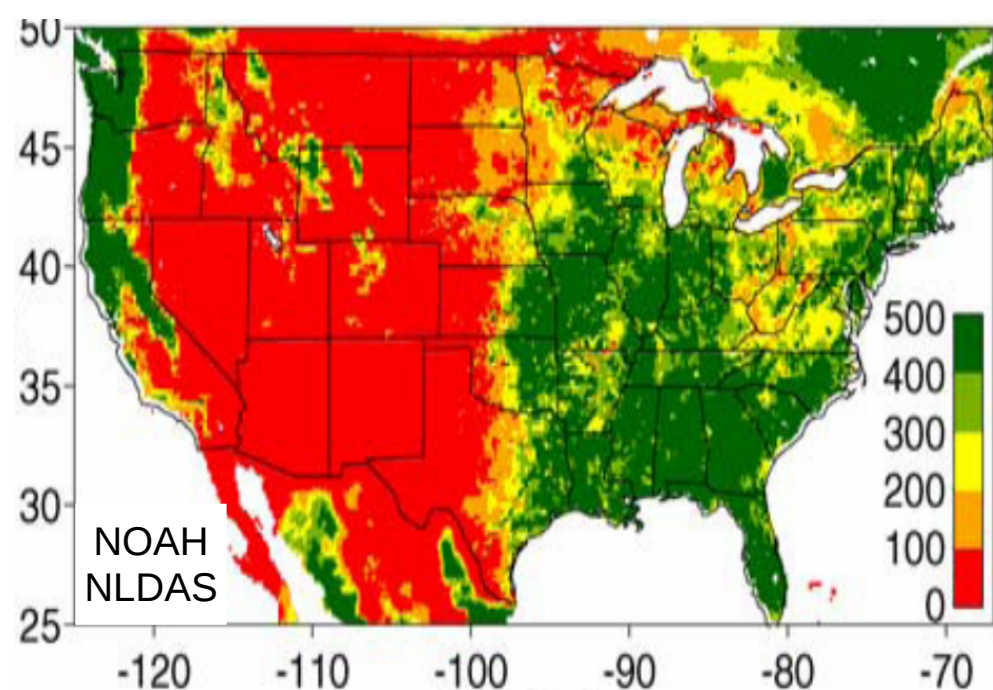
Trunk CRUNCEP 0.5°

Trunk CRUNCEP 0.5°

Annual ET (mm/yr)

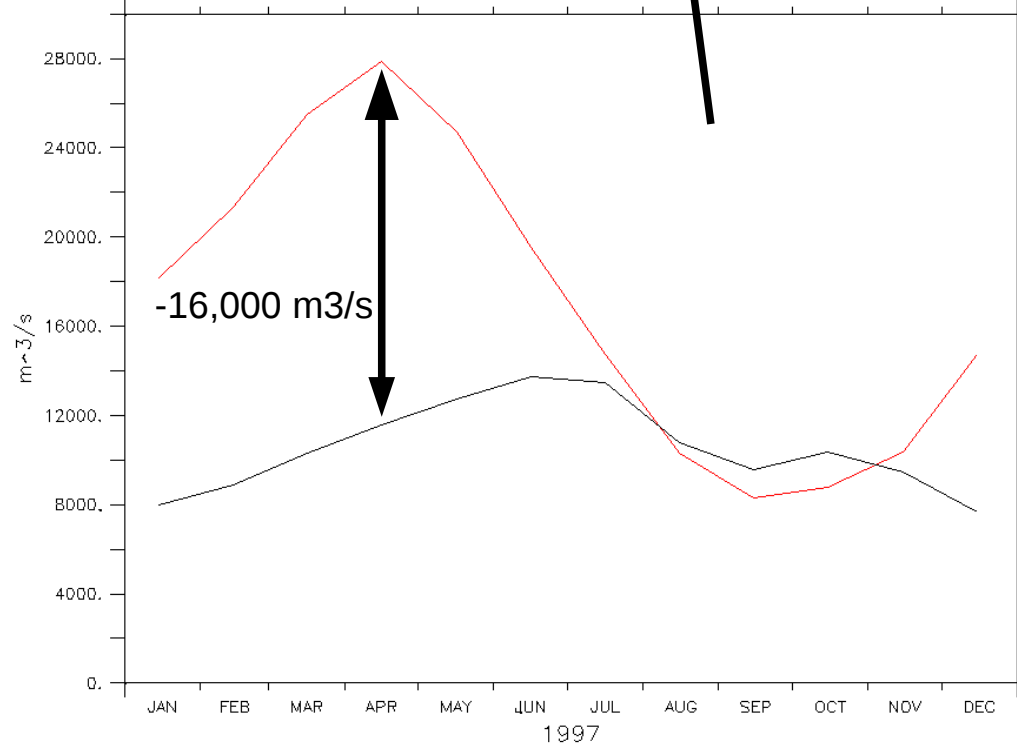
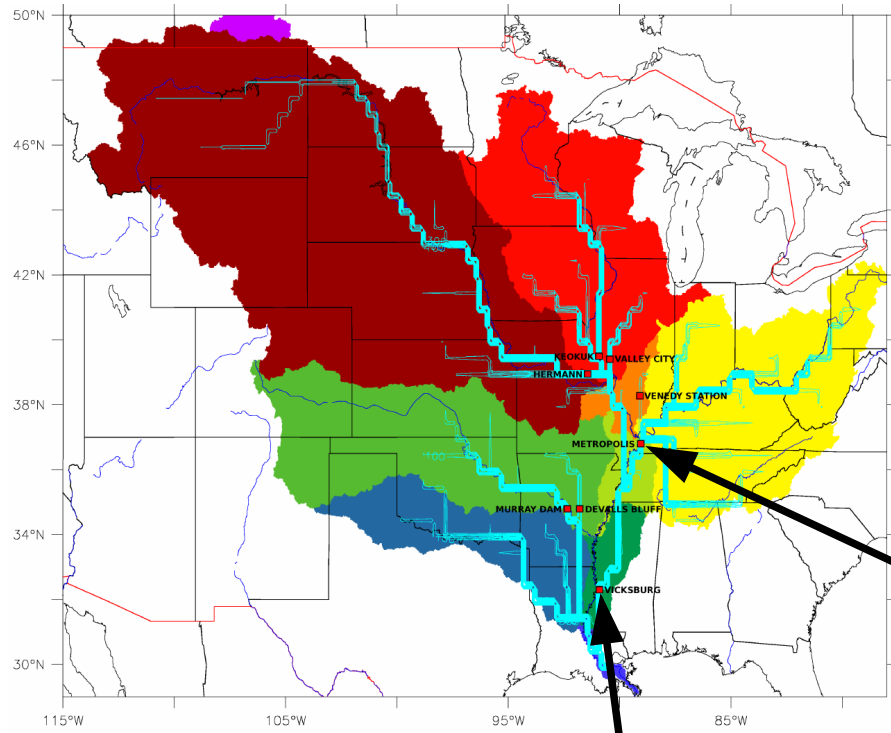


Annual R (mm/yr)

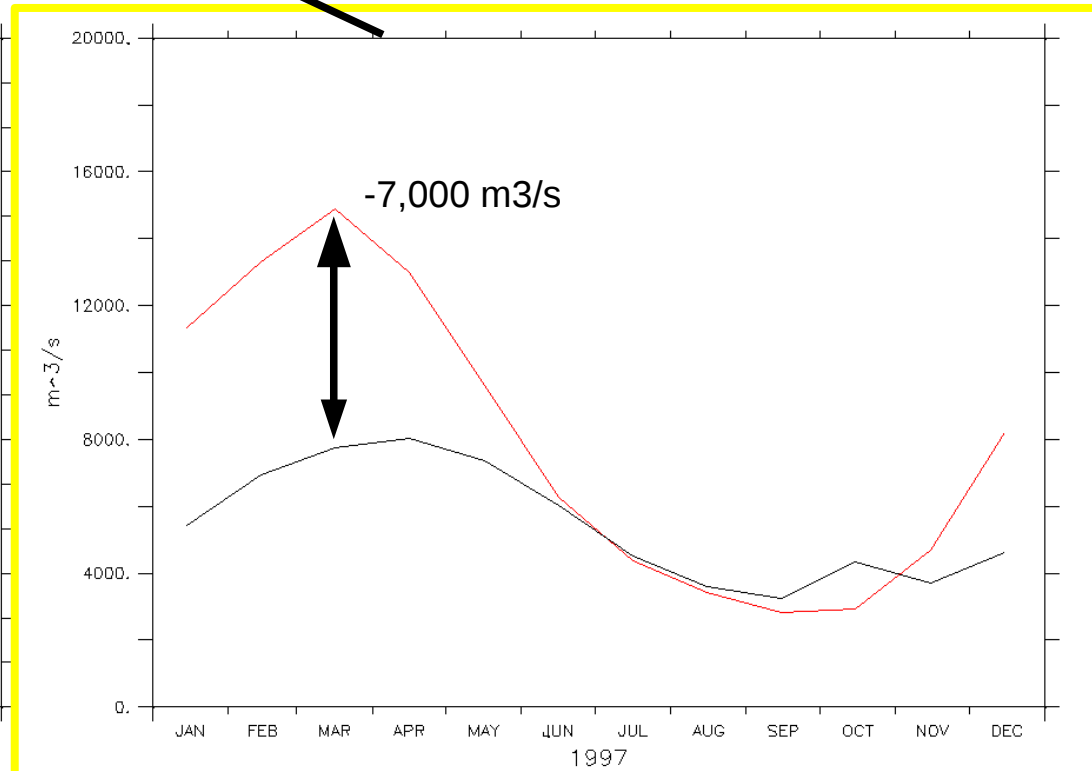


River discharge

ORCHIDEE WFDEI_GPCC vs **GRDC**

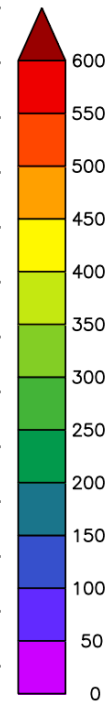
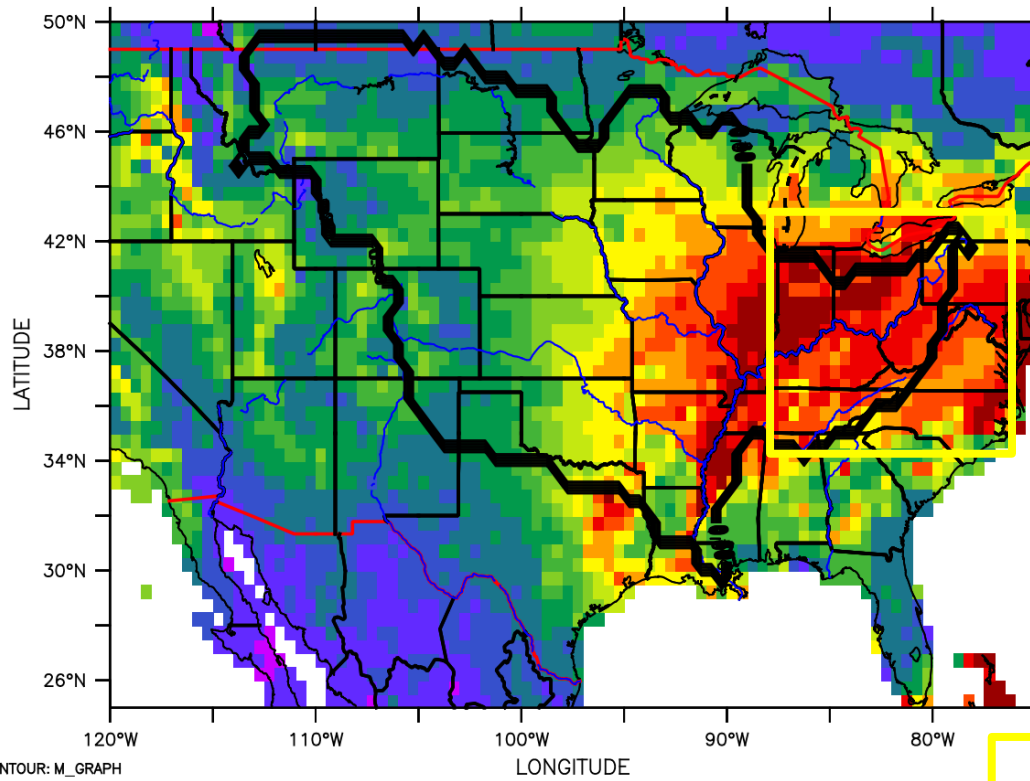


Vicksburg

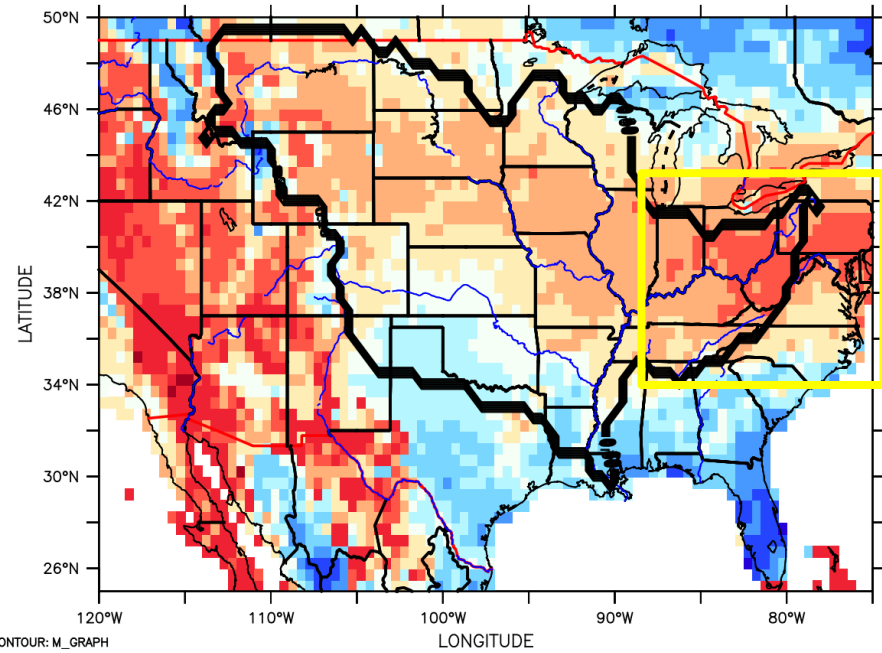


Metropolis

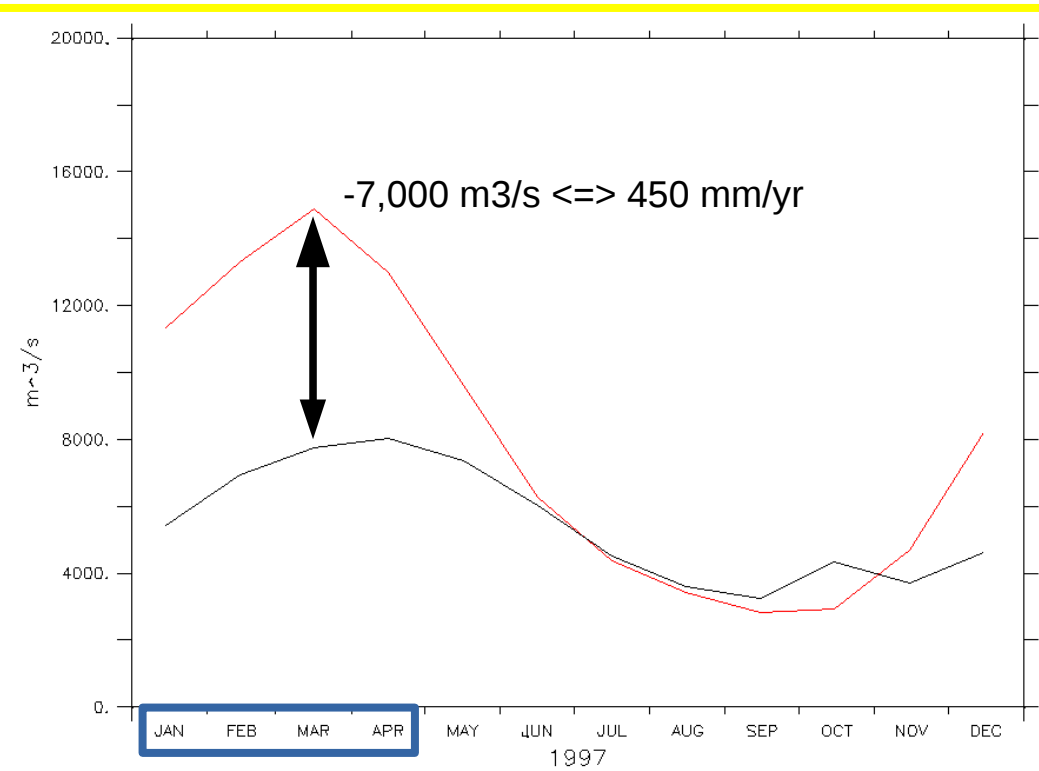
ORCHIDEE WFDEI_GPCC



Soil evap JFMA (mm/yr)



Soilevap JFMA / Evap JFMA



Metropolis