

Volume 384 April 22, 2014

Progressive storm pattern results in weekly average temperatures close to normal for much of North America this week despite warm spikes ahead of storm complexes.

•Severe weather will accompany the migration of cold fronts from the Plains across the Mississippi Valley; three fronts this week.

A progressive storm pattern is expected this week. A series of low pressure systems will enter the Pacific Northwest then track toward the Central Plains across the lower Midwest and off the East Coast four days later. Temperatures will warm dramatically ahead of each system and cool equally behind each storm. Net temperature anomaly will be close to normal for this week across much of North America.

The first of three low pressure systems will produce moderate rain today in the Midwest, pushing to the East Coast by tomorrow. A second low pressure system brings a potential of severe thunderstorms to the Central and Southern Plains on Wednesday through the Mississippi Valley on Thursday. This system brings rain to the Ohio Valley and the eastern seaboard for Friday and Saturday. By the weekend, a third low pressure system will be approaching the Plains again with yet another opportunity for thunderstorms (some severe) to the Central-Southern Plains for the weekend.

Look for the Plains and the South to have above normal warmth over the weekend while the West Coast and the Northeast are cooler than normal. There will be a heightened opportunity for severe thunderstorms for Central-Southern Plains, including heavy rain over the Midwest on Sunday.

NEXT WEEK

The progressive spring pattern continues again this week. Warmth for the eastern portion of the U.S. and Canada early in the week will be replaced by a cooler trend mid to late week which then repeats itself for the weekend. The Plains start out cool but follow a similar pattern — warmth late week replaced by cooler trends over the weekend. The West Coast starts out cool, but warms over the weekend.

Like the previous week, the active pattern maintains a series of low pressure systems traversing the Central-Southern Plains which produce a threat of severe thunderstorms both early week and late week; moderate to heavy rain in the Mississippi Valley and the South; more rain up and down the eastern seaboard for Tuesday and again Sunday (timing might change). Flooding remains an ongoing concern in the South-Southeast and in the Northeast where a combination of snow melt and rain is contributing to flooding.

Electricity Pricing – April 22, 2014 Com Ed Historical Average LMP Electric Price

Time Period	Average per Kwh
Apr. 2013	\$.03821
May, 2013	\$.03501
Jun, 2013	\$.03215
Jul, 2013	\$.04067
Aug, 2013	\$.03112
Sep, 2013	\$.03274
Oct, 2013	\$.03183
Nov, 2013	\$.03087
Dec, 2013	\$.03432
Jan, 2014	\$.07837
Feb, 2014	\$.06204
Mar, 2014	\$.05165
Apr 1 – Apr 21	\$.03596

Extended Temperature Forecast: Chicago Area

	Tue	Wed	Thu	Fri	Sat
High	58	52	65	66	50
Low	34	39	45	39	37

