

## AUGUST 2014 SLAT 10, USA + S. CANADA

Maps & full details of timing / regions of events: p 2-10

An August of WILD weather with dramatic contrasts between parts and in time.

- N/E parts often continuing **very cool**.
- SW **extreme heat** and intense wild fires.
- Florida + SE often fine and sunny.
- NW/Vancouver often dry and sunny.
- **General Circulation will tend to be large scale Mini-Ice-Age/ Wild-Jet-Stream patterns with long fetches and huge meanders:**
  - 1-9<sup>th</sup> Low NE+SW and High NW+SE;
  - 9-15<sup>th</sup> High NW+NE+SE, Low SW + centre, moving east;
  - 16-24<sup>th</sup> Lows NE+SW and High NW+SE;
  - 25-31<sup>st</sup> Dramatic large Scale: High E+S+NW, Low SW to N Centre.
- **Main Active – Thunder – tornadoes – Cyclogenesis in parts (R4, R5) periods:**
  - 1-2 (R5); 5-6 & 7-8 (R5 pair); 18-19 (R5); 20-22 (R4); 25-26 (R4); 27-29 (R5).

R4/R5s often associated with major Earth-facing solar Active Regions &/or significant Coronal holes - see WeatherAction 'RTQ' (Red Weather, Thunder/tornadoes, Quakes) / Extreme Events forecasts.

The changes in circulation giving these often extreme weather patterns will be driven by changes in the Solar-Lunar factors which govern the behavior of the Jet stream and are predictable by WeatherAction's revolutionary Solar-Lunar-Action-Technique (SLAT10) months ahead and nothing to do with CO2 changes - the 'Climate Change' 'theory' - which is politically driven & delusional. The wild extremes are consequences of the Wild Jet Stream / 'Mini Ice Age (ie on average significantly colder) climate decades the world has entered. Standard Met will run into serious problems this month in SLAT Main R4 & R5 periods during which short range standard Met forecasts for precip will generally need to be doubled and strong wind / tornado / thunder / hail risk enhanced.

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WeatherAction "Double R5" Red warning from 27days ahead strikes on cue. Giant Hail, Wild-Fires & tornadoes "superbly" confirm WeatherAction



### THUNDERFLOODS + GIANT HAIL N/E

& Heat + WildFires SW USA - <http://www.weatheraction.com/docs/WANews14No32.pdf>  
**JULY 22-26 Forecast** <=> **WeatherAction BRILL warnings 27d ahead!** (below)



**Solar Factors:**  
A pair of R5s: R5 22-23 and R5 24-26  
Sudden change to a **PRONOUNCED EXCEPTIONALLY STORMY PERIOD IN PARTS.**  
Low pressure over Great Lakes + East of Great Lakes intensifies. High Gulf + Florida, Low Mexico, Extended high NW parts.  
**Intense thunderstorms, deluges + floods with giant damaging hail + tornado swarm(s) in a wide area from North Central states to Mid West, south of Mid West + N/E parts.**

Reports 27 Jul (~22-26+1+d), Hail M(above); Baseball Hail TN SEVT(+Torm) Fc beIR  
This is <http://www.weatheraction.com/docs/WANews14No33.pdf>



Mostly sunny dry

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**113 Off 6m! 12m subs till July31**  
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THUNDERSTORMS SEVERE POSSIBLE

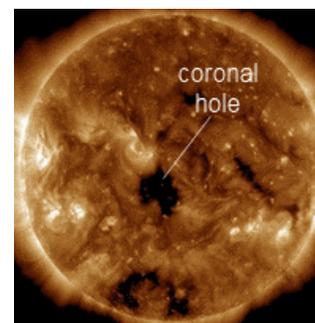


Image and related Pdf:-

<http://www.weatheraction.com/docs/WANews14No33.pdf>

<http://www.weatheraction.com/docs/WANews14No32.pdf>

Piers Corbyn, Astrophysicist and chief forecaster WeatherAction USA says our 'double R5' 22-26 July was a very significant weather period in which ALL WeatherAction warnings were confirmed from an Earth-facing coronal hole (24 July, Left), extra geomagnetic activity, tornadoes, giant hail, wild-fires, and rapid ramping up of Typhoon & Tropical Storm cyclogenesis to a major, **M6.9**, earthquake. REVIEW: <http://bit.ly/1mRXY1>



# USA Key Developments & Extremes Forecast AUGUST 2014

Page 2. KEY WEATHER PERIODS. All Available directly on line via <http://www.weatheraction.com/wactmember.asp>

## AUGUST 2014 – Key Weather Developments in 8 weather periods SLAT10 (USA)

**AUGUST 1-4 Solar Factors: R5 1-2, Q 3rd, R2 4<sup>th</sup> Comment on solar modulations of standard met for 1-4 August** A large area of High pressure in most of central and S/E USA. Initially active (but fading later) Lows North of Great Lakes/Great Lakes and Mexico/West USA. High pressure off NW coast. **Initially active thundery systems with damaging hail & tornado developments in Mid West – N/E USA and in West USA (intense storms in places) will decrease in activity later compared with standard meteorology forecasts.** South/East + Florida dry sunny + hot. Texas duststorms + searing heat in South wind (decreases later). Very high wildfire risk – decreases later. West North Central parts showery + cool – dry later. NW dry + fine, more sunny later.

**AUGUST 5-8 Solar Factors: R5 pair: R5 5-6 and R5 7-8 (cut-off high) An extremely active (“R5 pair”) period with intense storms in places.** Low that was over Great Lakes shifts East and is replaced by High pressure. Florida/SE High is maintained. Large area of expanding Low pressure in Mexico + West USA High(er) pressure NW Pacific coast. **Very intense thunderstorms, giant hail, tornadoes and damaging winds in 2 main regions – West of Mid West/N/E USA and West parts (California) to an extent.** S/E and Florida dry + hot with sunny skies, high cloud. Texas + New Mexico + Oklahoma major dust storms + tornadoes + some thunderstorms with giant hail. **Colorado+NM+TX extreme wild fire risk.** California likely to have major thunderstorms (largely isolated) with giant hail. NW parts heavy thunderstorms + large hail. NW coast largely dry but variable sky.

**AUGUST 9-10 Solar Factors: NSF/Q 9-10 Turning quiet and slacker** The intense activity of the previous period suddenly decreases and situation turns much slacker. N/E quarter of USA inc Great Lakes and Midwest High pressure builds. S/E mostly high pressure. West half generally low(er) pressure except high pressure off W/NW coast. N/E quarter becoming dry and sunny, warmer but cool nights. SE + Florida dry, hot + sunny. South Central parts dry hot + sunny with dust storm risk. S/W variable sky + quite warm. California variable sky turning dry. NW/W coast dry + sunny. West North parts showery with hail at times + (weak) thunder.

**AUGUST 11-15 Solar Factors: R3 11-13, NSF/Q 14-15 Changing pressure pattern** High pressure North Central parts, Great Lakes + far NE. Variable East drifting Low East Central parts/Midwest. High pressure SE + Florida. Slack esp later lower pressure in West half USA except NW High pressure. North + Great Lakes dry sunny + getting warmer especially later. NE coastal parts NY and southwards showery, cool + cloudy (less later). SE + Florida dry, warm + sunny. SW dry, hot with widespread isolated thunderstorms, hail and some duststorms. NW parts some showers + broken skies except NW towards coast dry + sunny.

**AUGUST 16-22 Solar Factors: NSF/Q 16-17; R5 18-19; R4 20-22 Turning very energetic and active** Mobile low pressure cross North parts from NW (centre parts) to NE. Mostly high pressure S/E + Florida. Low pressure Mexico turning active. Low pressure attack from Pacific over California. High pressure NW.

**Great Lakes + Midwest + whole of NE quadrant major thunderstorms, giant hail, intense lightning tornadoes + strong local winds develop (after a variable start). Turning cold.** S/E + Florida dry, mostly sunny (high cloud later) + hot. Texas OK + NM major dust storms, blistering heat, some thunderstorms + giant hail. South California probably mostly dry + variable sky + coolish. **Centre + North California heavy rain, giant hail, thunderfloods, very cool for season.** NW central parts cool + showery. NW + Vancouver dry, bright, more cloud later.

**AUGUST 23-24 Solar Factors: Q 23-24 Turning quickly slacker + quieter.** Large area of partly filling Low pressure over Great Lakes + most of N/E. Far NE High pressure likely. SE + Florida High pressure. Mexico + NM Low pressure. North of West half USA Low pressure. High pressure Vancouver + Pacific. Thundery showers Midwest + South of Midwest (less later) cloudy, brighter later. Florida + SE dry, sunny, mostly hot. SW hot + slack. California South mostly dry + very warm. West coast (Not NW) thundery showers + coolish. North of West half light thundery showers + cloudy.

**AUGUST 25 – 29 Solar Factors: R4 25-26; R5 27-29 Sudden rapid intensification of activity in very long jet stream stretches.** Large area High pressure from NE + Great Lakes to East Texas + Gulf + Florida. High pressure NW. Low pressure sandwich over Mexico + Rockies. Whole of N/E + South mostly dry + hot + sunny but with high cloud. Intense isolated sudden thunderstorms with giant dangerous hail. SW USA TX, NM, AZ, CO, extreme heat. **Extreme danger of intense wildfires** in generally dust storm + isolated thunder + tornadoes situation. South California probably some showers, coolish + cloudy. **NW (not far NW) major thunderstorms + large hail + generally cool.** North of West USA major thunderstorms + hail outbreaks.

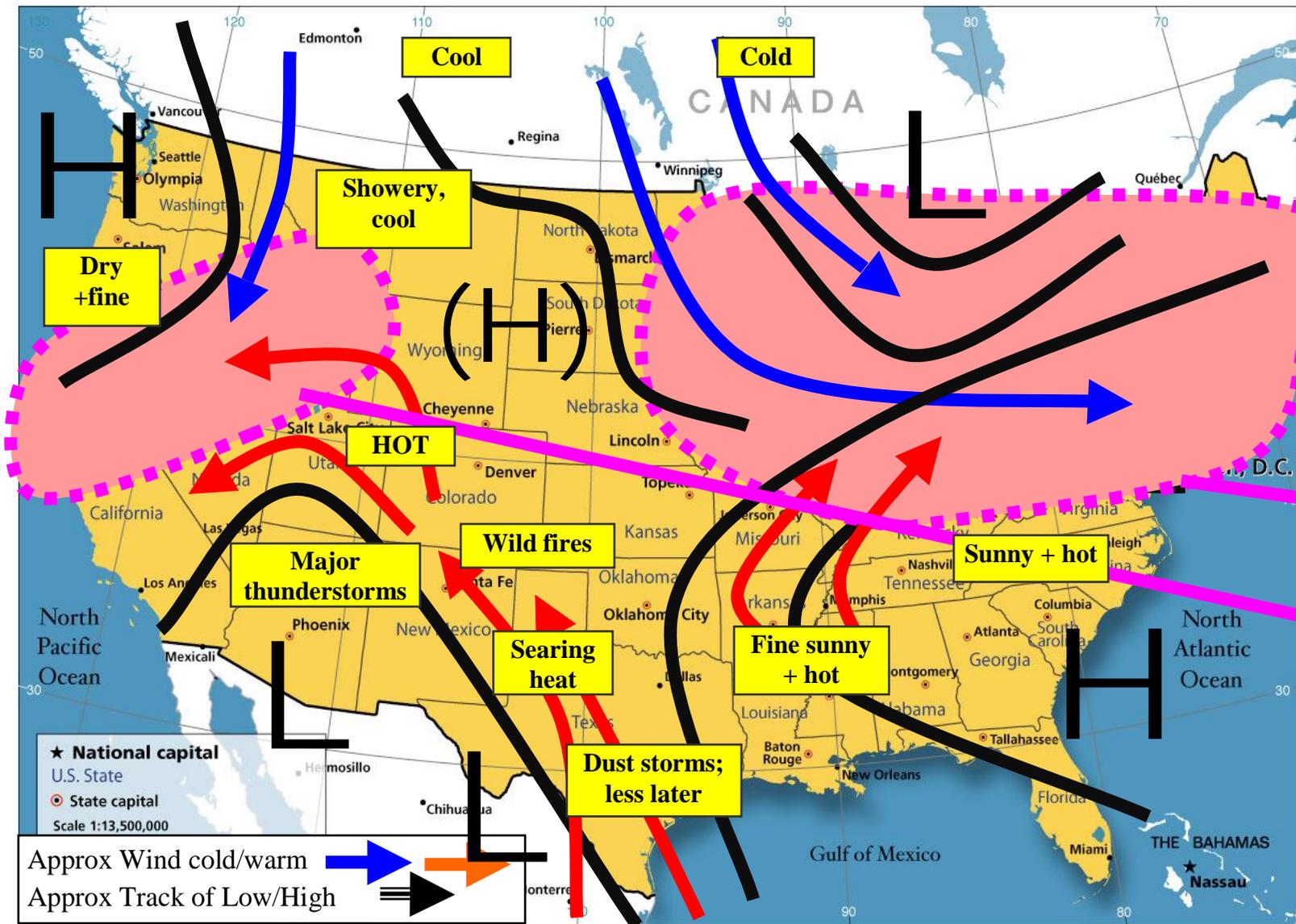
**AUGUST 30-31 Solar Factors: NSF/Q 30-31<sup>st</sup> Turning slack with warm east and cool far west.** High pressure in centre, east + SE + Florida. Weak Low to North of Great Lakes likely. Large area of Low pressure in West from Mexico over Rockies to North. High pressure Pacific NW. Far NE probably isolated thunderstorms + variable sky. Florida + SE dry, hot + sunny. Tornado Alley states hot + dry with some dust storms. SW (TX, NM, CO) dry, intense heat, wild fire risk but wind light. Rockies/central West thundery showers, hail, cloudy turning coldish towards NW. Pacific NW - Vancouver dry, sunny, cool nights.

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**MAPS of Weather periods p 3 onwards To Watch, Comment or Report on forecasts go to the public blogs [www.WeatherAction.com](http://www.WeatherAction.com) - Comments**

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## AUGUST 1-4 Forecast Confidence BC = 70%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 1-4

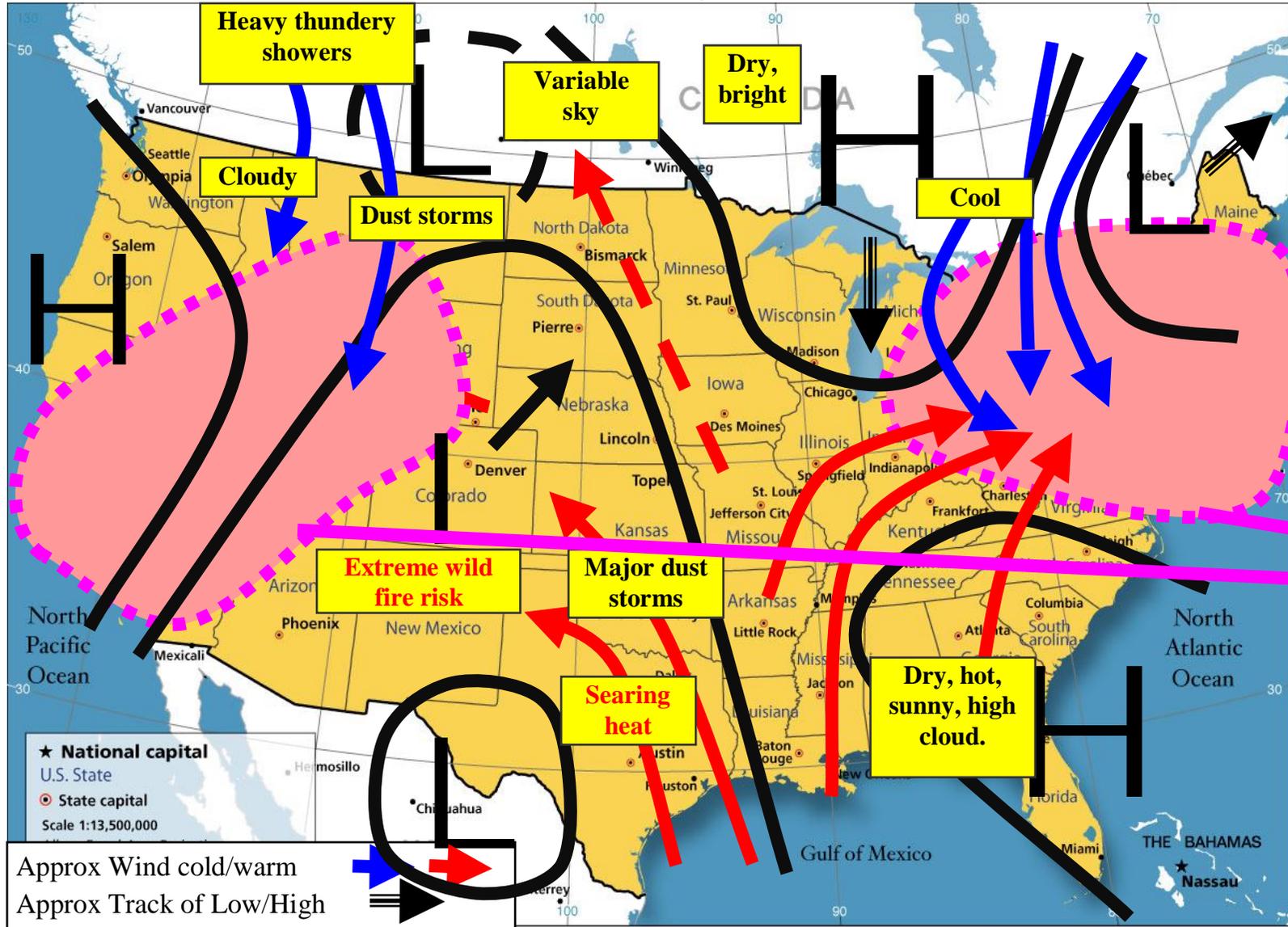
**Solar Factors:**  
 R5 1-2, Q 3rd, R2 4<sup>th</sup>  
*Comment on solar modulations of standard met for 1-4 August*

A large area of High pressure in most of central and S/E USA. Initially active (but fading later) Lows North of Great Lakes/Great Lakes and over Mexico/West USA. High pressure off NW coast.

**Initially active thundery systems with damaging hail & tornado developments in Mid West – N/E USA and in West USA (intense storms in places) will decrease in activity later compared with standard meteorology forecasts.**

South/East + Florida dry sunny + hot.  
 Texas duststorms + searing heat in Southwind (decreases later).  
**Very high wildfire risk – decreases later.**  
 West North Central parts showery + cool – dry later.  
 NW dry + fine, more sunny ;later.

## AUGUST 5-8 Forecast Confidence BC = 70%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 5-8

#### Solar Factors:

**R5 pair: R5 5-6 and R5 7-8**

**An extremely active ("R5 pair") period with intense storms in places.**

Low that was over Great Lakes shifts East and is replaced by High pressure. Florida/SE High is maintained. Large area of expanding Low pressure in Mexico + West USA High(er) pressure NW Pacific coast.

**Very intense thunderstorms, giant hail, tornadoes and damaging winds in 2 main regions – West of Mid West & N/E USA and West parts (California) to an extent.**

S/E and Florida dry + hot with sunny skies, high cloud.

Texas + New Mexico + Oklahoma major dust storms + tornadoes + some thunderstorms with giant hail.

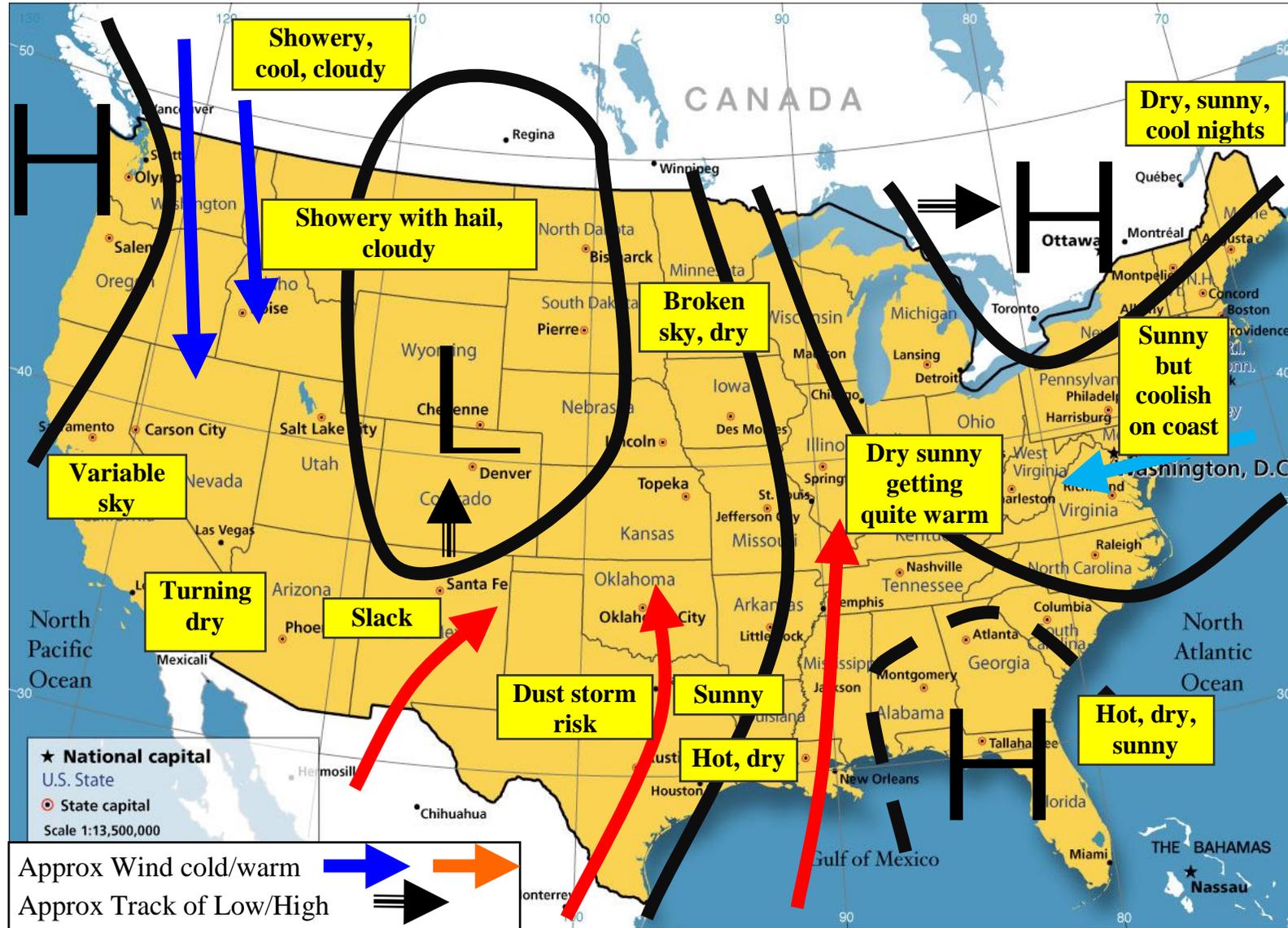
**Colorado + NM + TX extreme wild fire risk.**

California likely to have major thunderstorms (largely isolated) with giant hail.

NW parts heavy thunderstorms + large hail.

NW coast largely dry but vble sky.

## AUGUST 9-10 Forecast Confidence C = 65%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 9-10

#### Solar Factors:

#### NSF/Q 9-10

#### Turning quiet and slacker

The intense activity of the previous period suddenly decreases and situation turns much slacker.

N/E quarter of USA inc Great Lakes and Midwest High pressure builds.

S/E mostly high pressure.

West half generally low(er) pressure except high pressure off W/NW coast.

N/E quarter becoming dry and sunny, warmer but cool nights.

SE + Florida dry, hot + sunny.

South Central parts dry hot + sunny with dust storm risk.

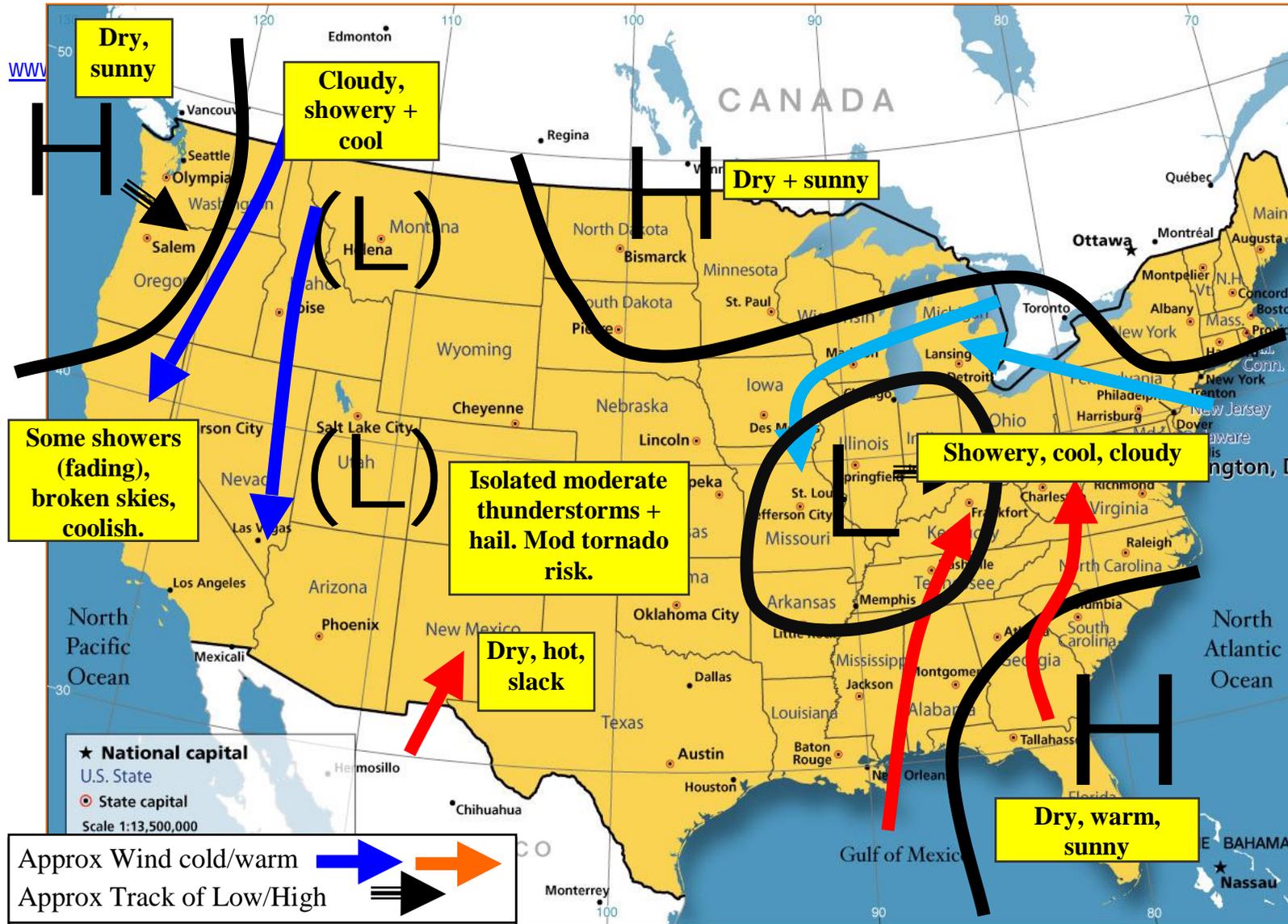
S/W variable sky + quite warm.

California variable sky turning dry.

NW/W coast dry + sunny.

West North parts showery with hail at times + (weak) thunder.

## AUGUST 11-15 Forecast Confidence B = 75%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 11-15

#### Solar Factors:

R3 11-13, NSF/Q 14-15

#### Changing pressure pattern

High pressure North Central parts, Great Lakes + far NE.  
 Variable East drifting Low East Central parts/Midwest.  
 High pressure SE + Florida.  
 Slack (esp later) lower pressure in West half USA except NW High pressure.

North + Great Lakes dry sunny + getting warmer especially later.

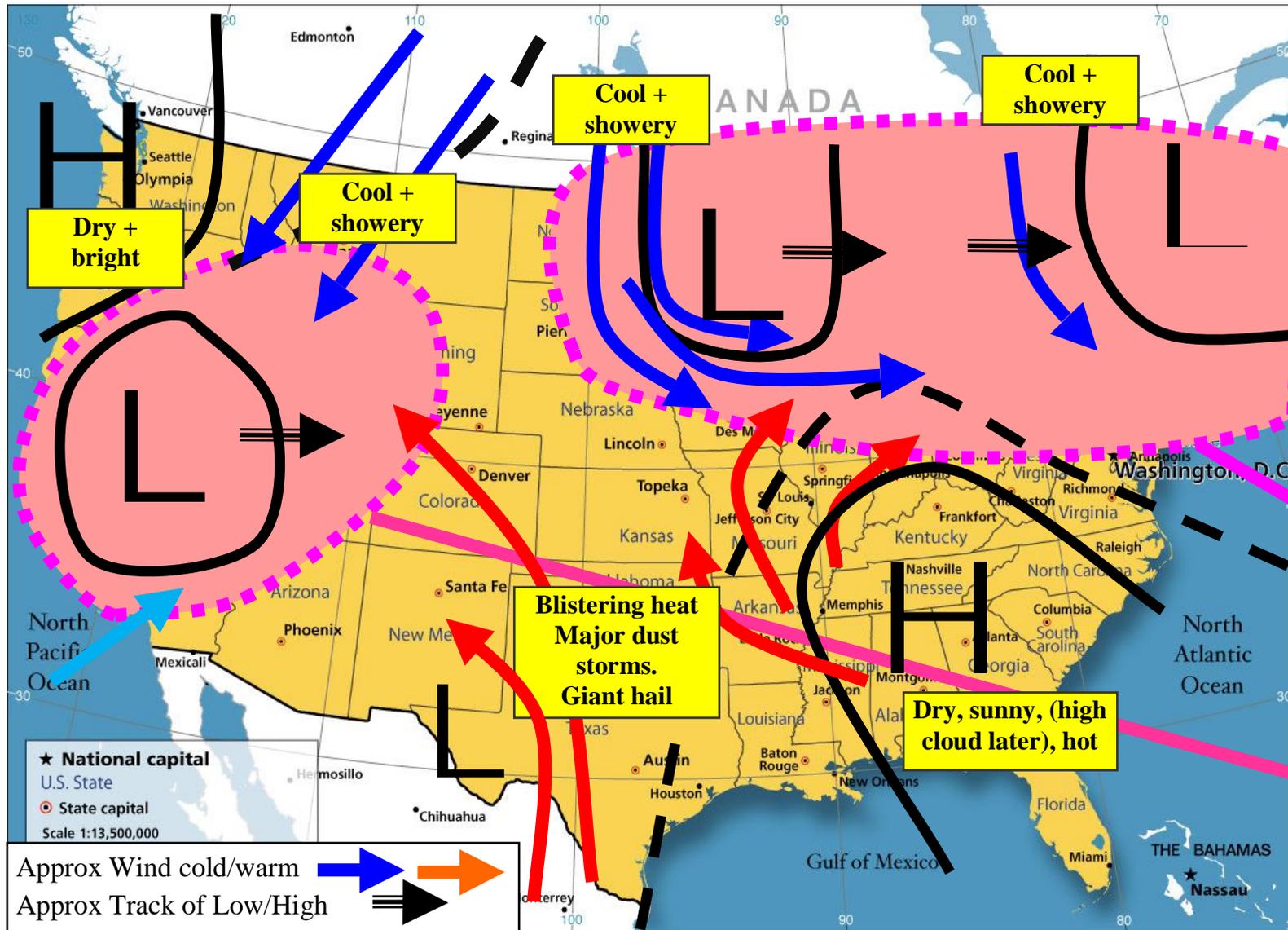
NE coastal parts NY and southwards showery, cool + cloudy (less later).

SE + Florida dry, warm + sunny.  
 SW dry, hot with widespread isolated thunderstorms, hail and some dust-storms.

NW parts some showers + broken skies except NW towards coast dry + sunny.

## AUGUST 16-22 Forecast

Confidence B = 75%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 16-22

#### Solar Factors:

**NSF/Q 16-17; R5 18-19; R4 20-22**  
**Turning very energetic and active**

Mobile low pressure cross North parts from NW (centre parts) to NE. Mostly high pressure S/E + Florida. Low pressure Mexico turning active.

Low pressure attack from Pacific over California.

High pressure NW.

**Great Lakes + Midwest + whole of NE quadrant major thunderstorms, giant hail, intense lightning tornadoes + strong local winds develop (after a variable start). Turning cold.**

S/E + Florida dry, mostly sunny (high cloud later) + hot.

Texas OK + NM major dust storms, blistering heat, some thunderstorms + giant hail.

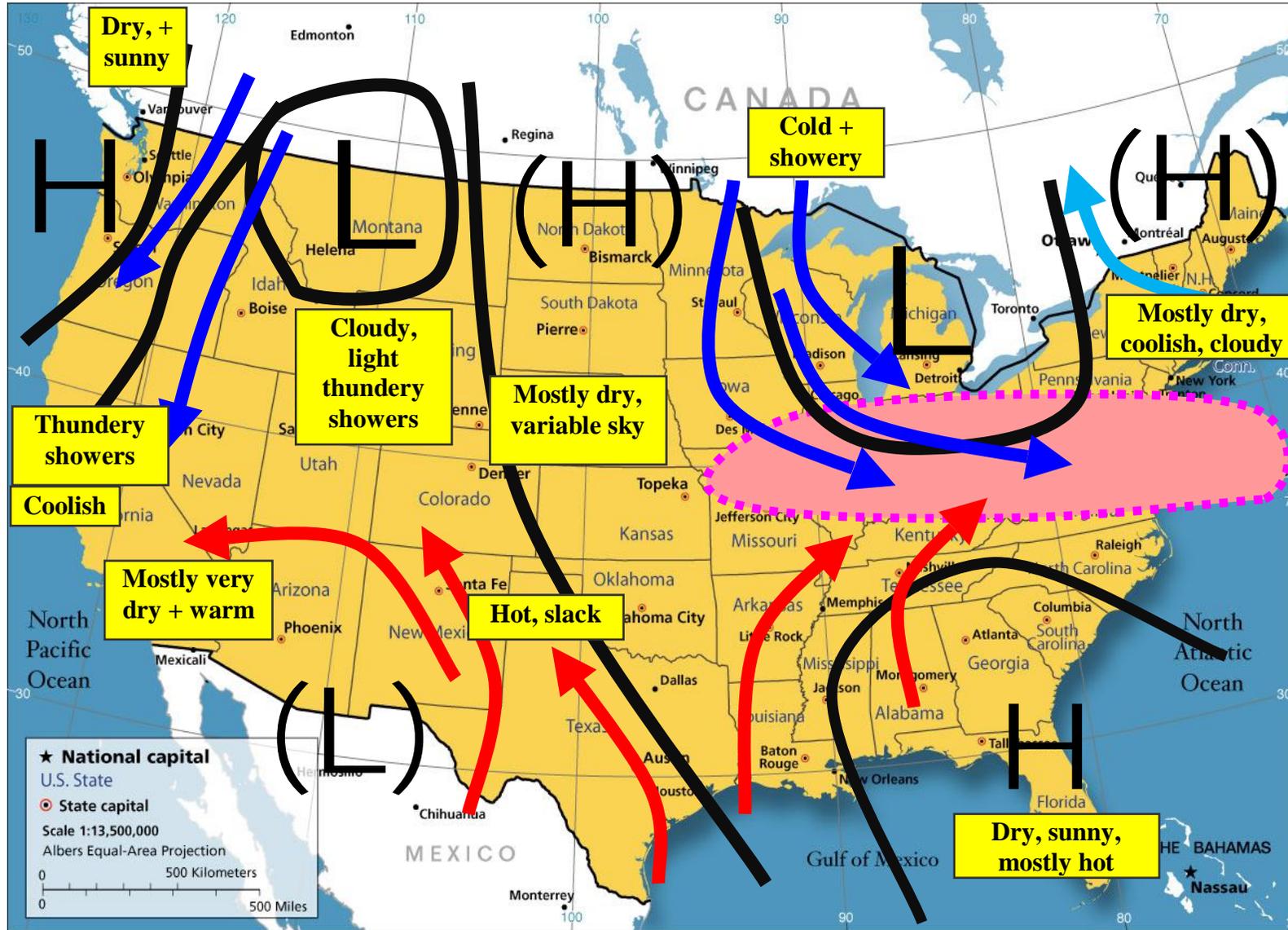
South California probably mostly dry + variable sky + coolish.

**Centre + North California heavy rain, giant hail, thunderstorms, very cool for season.**

NW central parts cool + showery.

NW + Vancouver dry, bright, more cloud later.

## AUGUST 23-24 Forecast Confidence B = 75%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 23-24

#### Solar Factors:

Q 23-24

#### Turning quickly slacker + quieter

Large area of partly filling Low pressure over Great Lakes + most of N/E.

Far NE High pressure likely.

SE + Florida High pressure.

Mexico + NM Low pressure.

North of West half USA Low pressure.

High pressure Vancouver + Pacific.

Thundery showers Midwest + South of Midwest (less later) cloudy, brighter later.

Florida + SE dry, sunny, mostly hot.

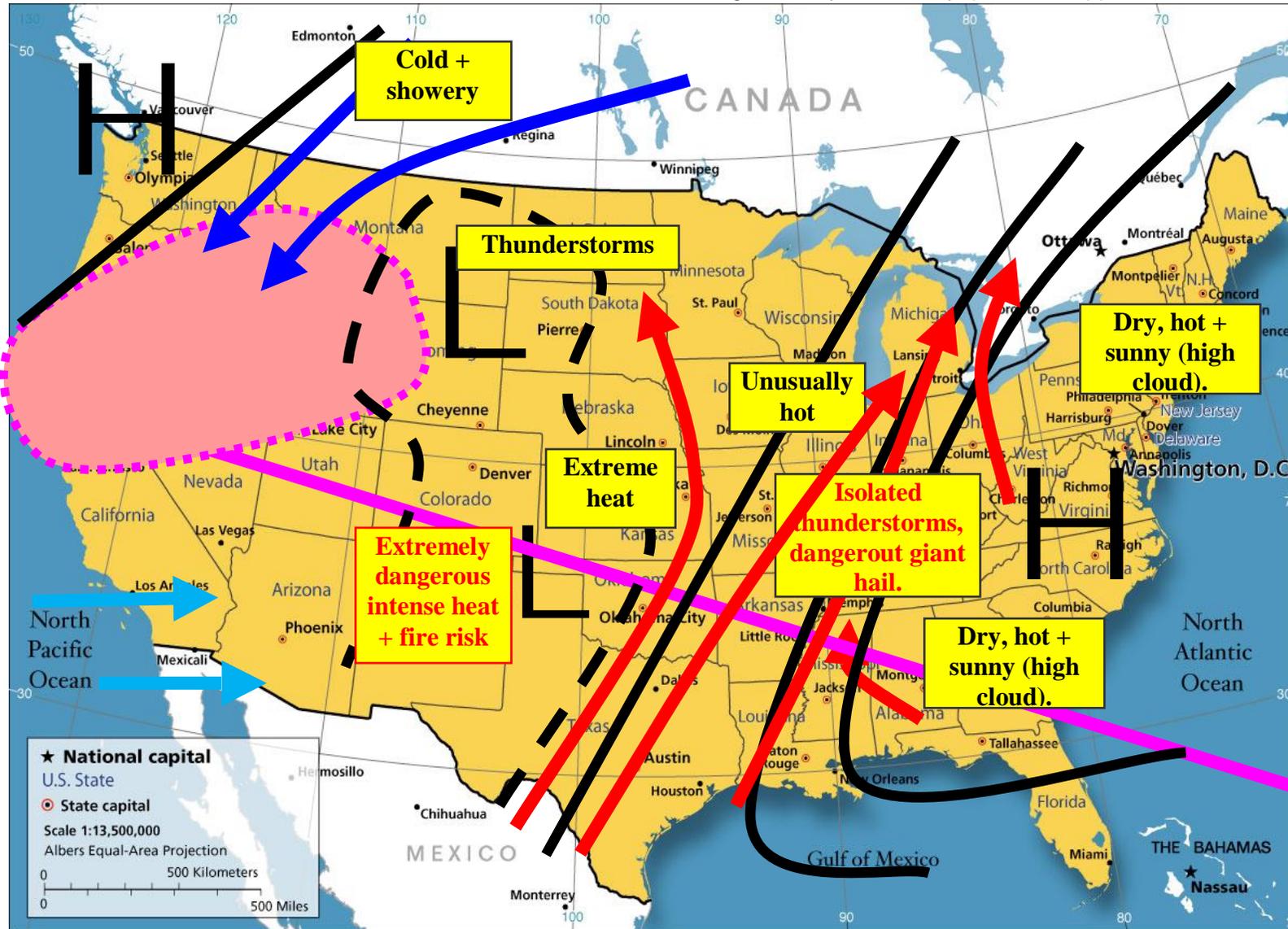
SW hot + slack.

California South mostly dry + very warm.

West coast (Not NW) thundery showers + coolish.

North of West half light thundery showers + cloudy.

## AUGUST 25-29 Forecast Confidence A = 85%. Timing normally to one day; positions approximate.



### Key Weather Development AUGUST 25 - 29

#### Solar Factors:

R4 25-26; R5 27-29

#### Sudden rapid intensification of activity in very long jet stream stretches.

Large area High pressure from NE + Great Lakes to East Texas + Gulf + Florida.

High pressure NW.

Low pressure sandwich over Mexico + Rockies.

Whole of N/E + South mostly dry + hot + sunny but with high cloud. Intense isolated sudden thunderstorms with giant dangerous hail.

SW USA TX, NM, AZ, CO, **extreme heat. Extreme danger of intense wildfires** in generally dust storm + isolated thunder + tornadoes situation.

South California probably some showers, coolish + cloudy.

**NW (not far NW) major thunderstorms + large hail + generally cool.**

North of West USA major thunderstorms + hail outbreaks.

## AUGUST 30-31 Forecast Confidence B = 75%. Timing normally to one day; positions approx.

