

JULY 2014 SLAT 9c, USA + S. CANADA

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

A REALLY WILD JET STREAM MONTH

A July of Extreme contrasts through the regions & month

- Great Lakes, Mid-West & N/E quadrant often unsettled with extreme thunder, giant hail and tornado swarms at times.
- Florida & Gulf often Fine & sunny.
- SW & South diabolical searing heat and forest fires at times.
- NW variable and showery.
- **General Circulation will tend to be large scale Mini-Ice-Age/ Wild-Jet-Stream patterns with long fetches and huge meanders**
1-12th & 18-31/2nd Aug High N/W & S/E and Low N/E & SW;
13-17th N-S oriented Low-High East moving sandwiches.
- **Most unsettled periods: JULY:**
2-3 R4; 9-10 R4; 11-12 R5; 15-17 R4; 22-23 R5; 24-26 R5; 28-29 R4; 31 to Aug2 R5.
R4/R5s probably associated with major Earth-facing solar Active Regions &/or large Coronal holes - see WeatherAction 'RTQ' (Red Weather, Thunder/tornadoes, Quakes) / Extreme Events forecasts.

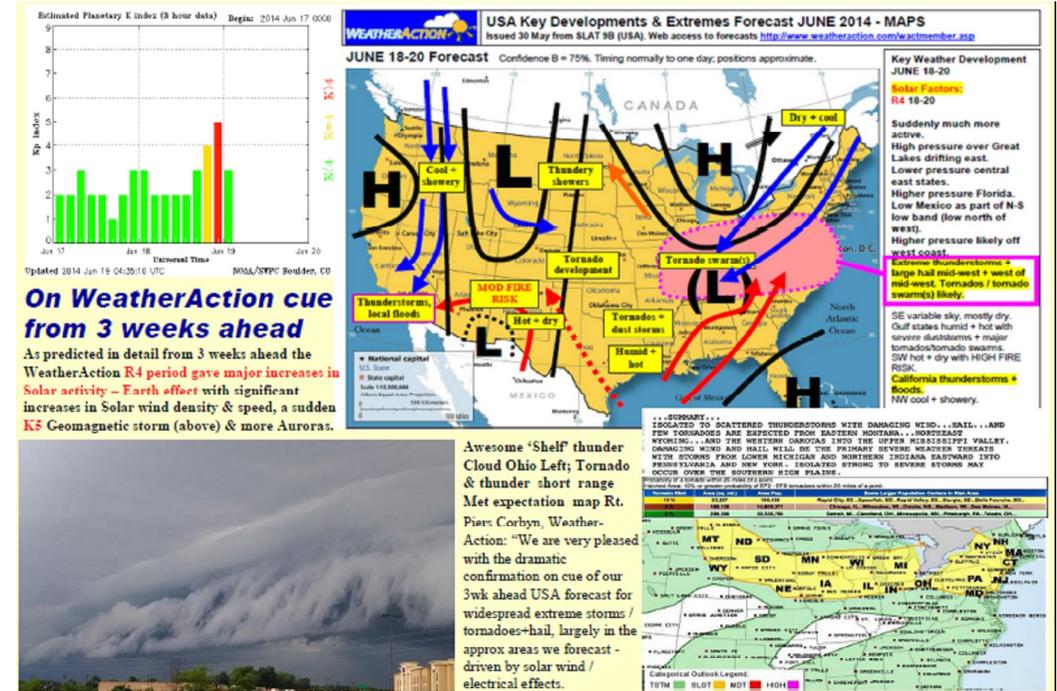
The changes in circulation giving these often extreme weather patterns will be driven by changes in the Solar-Lunar factors which govern the behavior of the Jet stream and are predictable by WeatherAction's revolutionary Solar-Lunar-Action-Technique (SLAT9C) months ahead and nothing to do with CO2 changes - 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 Major SolarActivity-EarthWeather, period dramatically confirmed -

Fearsome Thunder+Tornadoes hit MidWest+More 18-20 Jun R4 period

- Geomagnetic activity also peaks on R4 cue.



Above image is from <http://www.weatheraction.com/docs/WANews14No22.pdf>

Lightning linked to Solar Wind admit NASA

See <http://www.lightningmaps.org/realtime?lang=en> for lightning events as they occur. **They are not random** but events (separated by 100s or thousands of miles) which often come as near simultaneous strikes then nothing for a few seconds then another group close together in time. "This is evidence of common external solar wind - ionospheric effects hitting simultaneously over a wide area. Geographically the near simultaneous strikes are too far apart to be meteorologically connected by wind or sound shock waves", said Piers Corbyn.

- **Extra thunder is nothing to do with CO2 and indeed NASA recently confirmed a solar-wind – thunderstorms connection known to WeatherAction for years but NASA did not acknowledge WeatherAction.**



USA Key Developments & Extremes Forecast JULY 2014

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

JULY 2014 – Key Weather Developments in 8 weather periods SLAT9B (USA)

JULY 1-5 **Solar Factors:** R3 Jul1, R4 Jul 2-3, R1 Jul 4-5

COMMENT ON 1-5 July & Standard Meteorology: *Thundery deluges and tornado incidence will be notably more severe than short range forecasts expect for 2-3 July.*

Deep low pressure Great Lakes moves E/NE as ridge North Central parts builds in its wake and moves East. More stationary high over Florida + S/E. Low SE USA. High Vancouver/West of Vancouver. **Very active thunderstorms, large/giant hail + tornadoes in large area from Mid North to NE including Mid-West + just south of Mid West. Tornadoes + hail probably especially severe Mid West.** Florida + S/E dry hot + sunny. West Gulf hot, quite humid, thunderstorms espec 2-3rd. SW major thunder + large hail + tornadoes espec 2-3. S California dry hot sunny. West coast central dry, variable sky. Pacific NW dry fine + sunny, light wind. North-West dry + mostly sunny.

JULY 6-8 **Solar Factors:** NSF/Q 6-7, R2 8th **Generally mobile but slack in North USA.** Large area of High Pressure over Gulf + Florida. Low Mexico, High Pacific NW. Great Lakes + Mid West + NE: some thunderstorms, variable skies. Coolish Great Lakes + Canada North of Great Lakes. East Central latitudes dry, variable sky. South/East + Gulf: dry sunny hot. SW dry, sunny, hot, light winds, some forest fire risk. South California dry, hot, sunny. West central coast + NW parts dry + mostly sunny + warm.

JULY 9-12 **Solar Factors:** R4 9-10, R5 11-12 **A dangerously active period in which standard forecasts significantly underestimate hail, thunder, wind and tornado risk.** Large area of Active low pressure East USA moving Eastwards. High pressure over North Central parts weakly linked to Gulf + Florida high. Low Mexico. High off Vancouver. **Very major thunderstorms, giant hail + tornado swarm(s) Mid West + Central East USA + Tornado Alley Central + South parts.** Gulf Coast + Florida dry, hot + sunny. Texas + SW hot, dry, sunny & parching dry wind. Very dangerous for forest fires. South California oppressive heat + sun but high cloud. Centre West coast + Seattle area thundery showers + variable sky. Vancouver + Pacific NW coast probably dry + bright/sunny with variable sky.

JULY 13-14 **Solar Factors:** NSF/Q 13-14th **Quickly becoming slacker and rather settled.** Active low fills to NE and High Pressure expands over remaining East (North + South) parts. Low pressure North Rockies and Mexico. High Vancouver + NW. NE showery, cool + cloudy. Central + South/East very hot, dry & sunny. Great Lakes dry, bec very warm, sunny. SW dry hot sunny with isolated dust storms + thunder. South California sultry heat, dry hot sunny light wind. West, Central + NW parts dry + mostly sunny. North Rockies + NW Plains cool with a few showers + variable sky.

JULY 15-17 **Solar Factors:** R4 15-17 **Suddenly more active** High pressure over central + East parts moves Eastwards + retreats. Active low over Rockies. High pressure NW – a generally large scale circulation. Great Lakes NE dry sunny/bright + variable sky. East + South + Florida + Gulf States dry hot sunny with high cloud. Texas parching wind from south, extreme fire risk + dust storms.

North + Central Rockies + North Plains major thunderstorms, thunderfloods, tornadoes. SW very warm + thundery. South California coolish with thunderstorms. West central + NW dry, coolish + variable sky.

JULY 18-21 **Solar Factors:** NSF/Q 18-21 **Suddenly quieter + more slack.** Shallow low pressure North central parts + Great Lakes. Large high pressure from Texas to East Coast centered on Gulf/Florida. Low Mexico; High NW. Showery + thundery with small hail over large area Great Lakes + Mid West + NE. East, South + Central South + Texas dry sunny very hot – MAJOR OPPRESSIVE HEATWAVE. South California dry + hot + sunny. West central coast + North Rockies + North centre thundery showers + cool. Far NW dry + sunny.

JULY 22 – 26 **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 N/W 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.** Gulf states + Florida dry, mostly sunny/high cloud, very hot. Texas + SW parching dry wind, extreme forest fire danger + major dust storms. South California mostly sunny hot + dry. N/West dry + quite warm, broken cloud/sunny.

JULY 27th-1st/2nd AUGUST **Solar Factors:** NSF 27, R4 28-29, R5 31-2 Aug **Briefly less intense activity then prolonged extreme activity.**

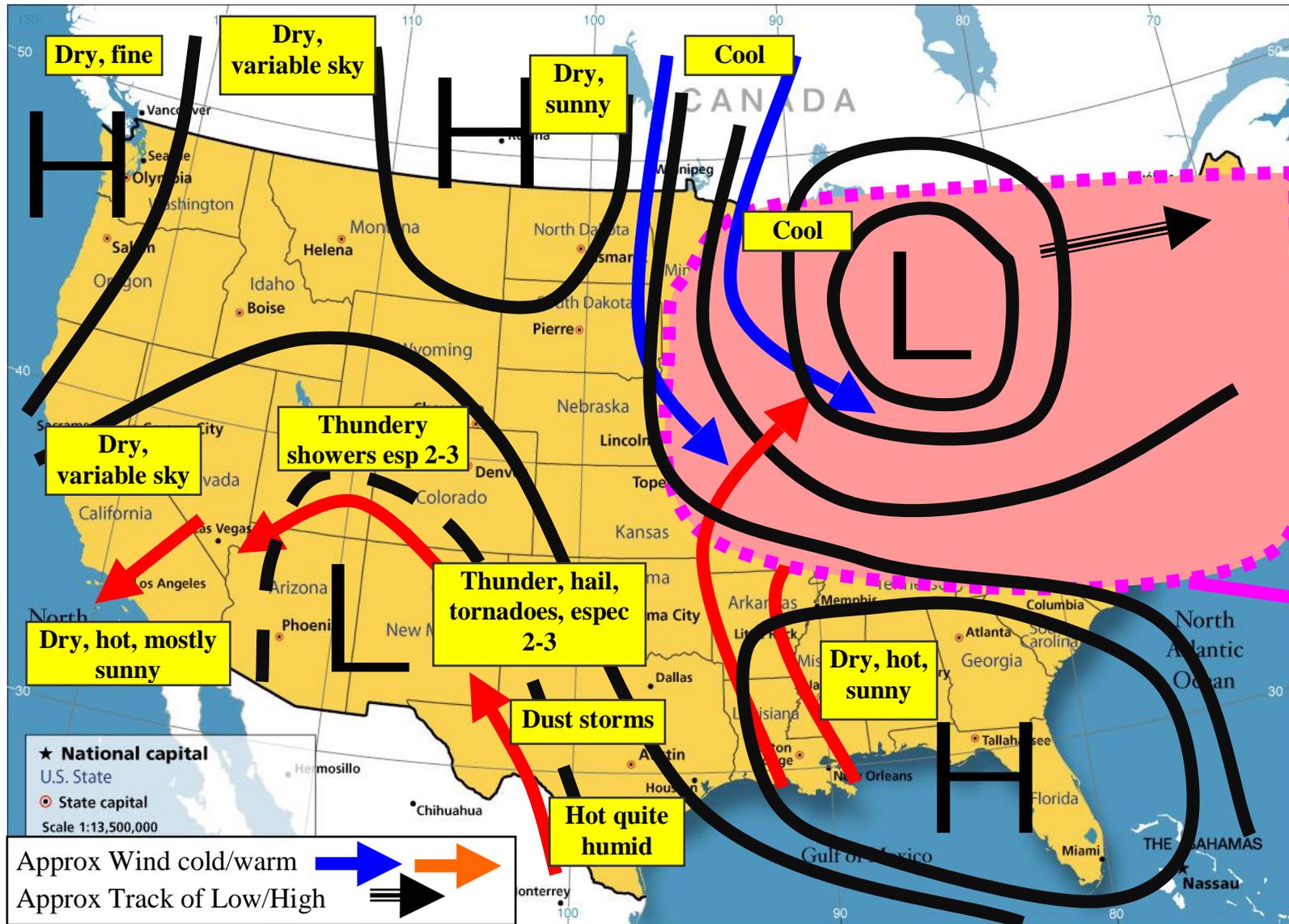
Intense low centered on Great Lakes/Mid West. High Gulf + Florida + Central East parts. Low SW/Mexico. High NW + North of West USA Intense thunderstorms, giant hail, floods + tornado swarm(s) Great Lakes, Mid West + NE. South & East dry, hot/very hot, mostly sunny with high cloud. SW + West Texas hot, dry + mostly sunny. EXTREME FIRE RISK. South California dry, hot, sunny/high cloud. Centre West + Central Rockies thunderstorms + thundery showers. NW + North of West dry, coolish + sunny/bright.

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MAPS of Weather periods p 3 onwards **To Watch, Comment or Report on forecasts go to the public blog www.WeatherAction.com - Comments**

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JULY 1-5 Forecast Confidence A = 85%. Timing normally to one day; positions approximate.



Key Weather Development JULY 1-5

Solar Factors:
R3 Jul1, R4 Jul 2-3, R1 Jul 4-5

COMMENT ON 1-5 July & Standard Meteorology:
Thundery deluges and tornado incidence will be notably more severe than short range forecasts expect for ~2-3 July.

Deep low pressure Great Lakes moves E/NE as ridge North Central parts builds in its wake and moves East. More stationary high over Florida + S/E. Low SE USA.
 High Vancouver/West of Vancouver.

Very active thunderstorms, large/giant hail + tornadoes in large area from Mid North to NE including Mid West + just south of Mid West. Tornadoes + hail probably especially severe Mid West.

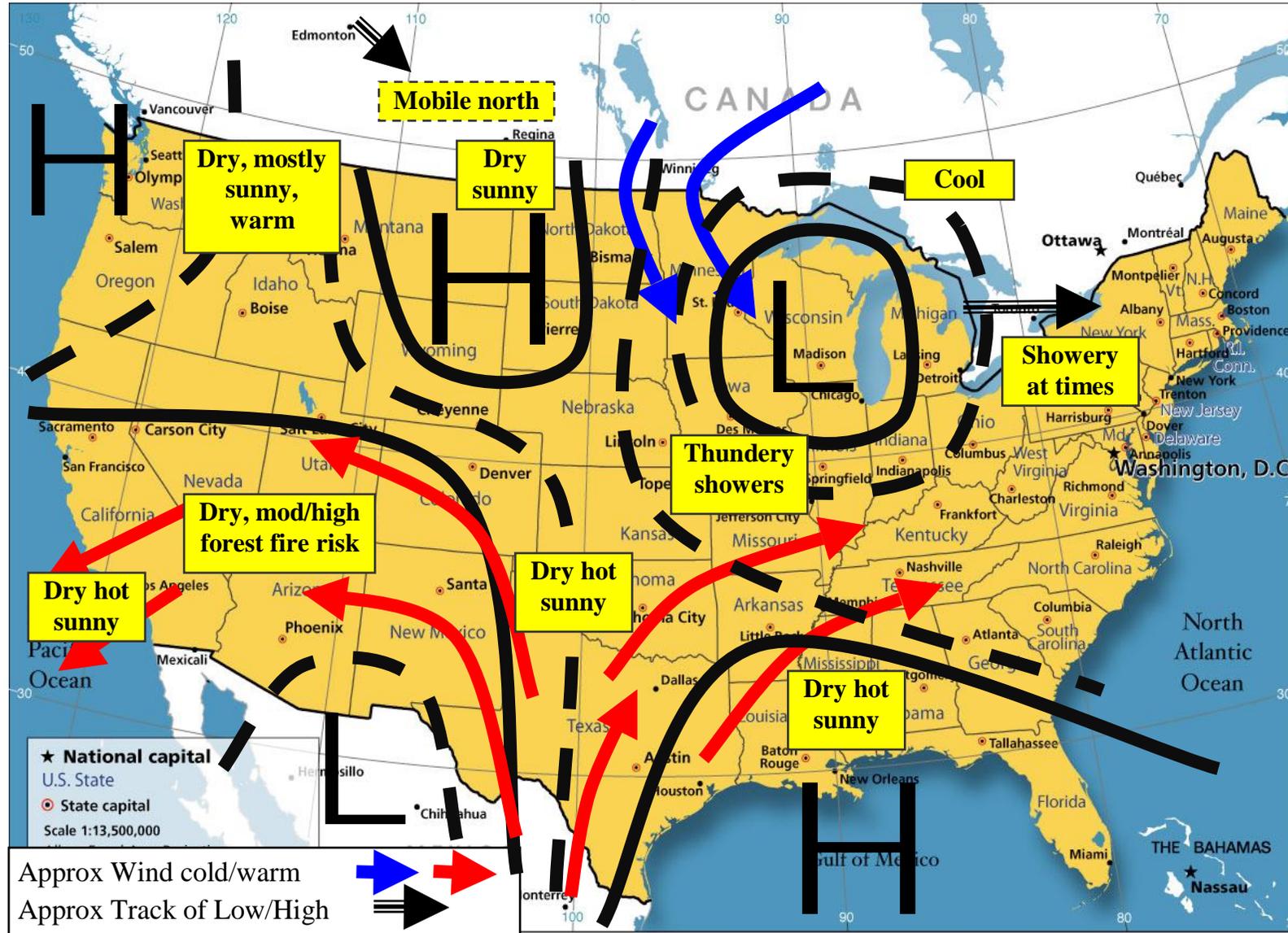
Florida + S/E dry hot + sunny.
 West Gulf hot, quite humid, thunderstorms espec 2-3rd.
 SW major thunder + large hail + tornadoes espec 2-3.
 S California dry hot sunny.
 West coast central dry, variable sky.
 Pacific NW dry fine sunny, light wind.
 North-West dry + mostly sunny.



USA Key Developments & Extremes Forecast JULY 2014 - MAPS

Issued 30 June from SLAT 9B (USA). Web access to forecasts <http://www.weatheraction.com/wactmember.asp>

JULY 6-8 Forecast Confidence B = 75%. Timing normally to one day; positions approximate.



Key Weather Development JULY 6-8

Solar Factors:
NSF/Q 6-7, R2 8th

Generally mobile but slack in North USA.

Large area of High Pressure over Gulf + Florida.

Low Mexico, High Pacific NW.

Great Lakes + Mid West + NE: some thunderstorms, variable skies. Coolish Great Lakes + Canada North of Great Lakes.

East Central latitudes dry, variable sky.

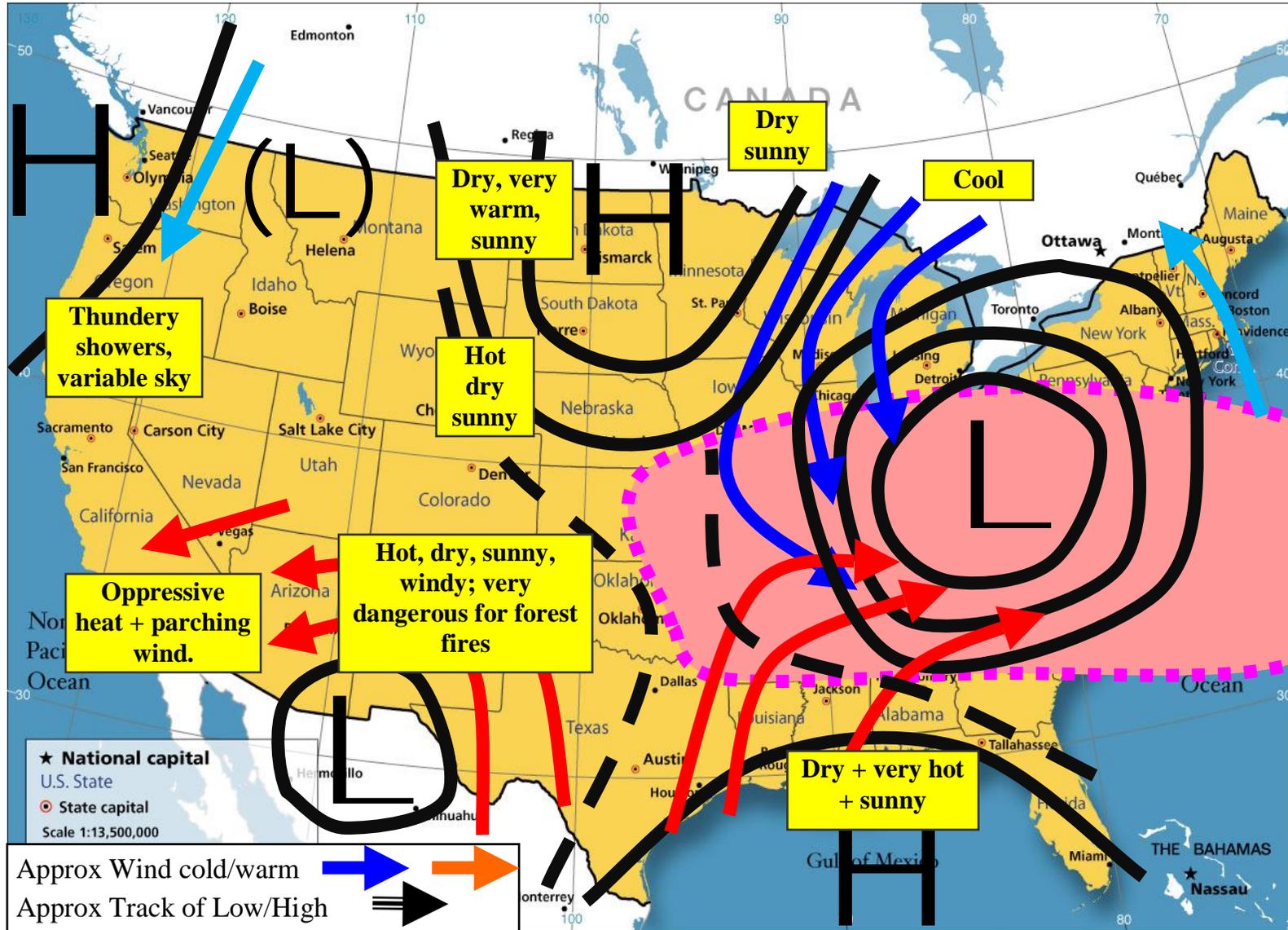
South/East + Gulf: dry sunny hot.

SW dry, sunny, hot, light winds, some forest fire risk.

South California dry, hot, sunny.

West central coast + NW parts dry + mostly sunny + warm.

JULY 9-12 Forecast Confidence AB = 80%. Timing normally to one day; positions approximate.



Key Weather Development JULY 9-12

Solar Factors:

R4 9-10, R5 11-12

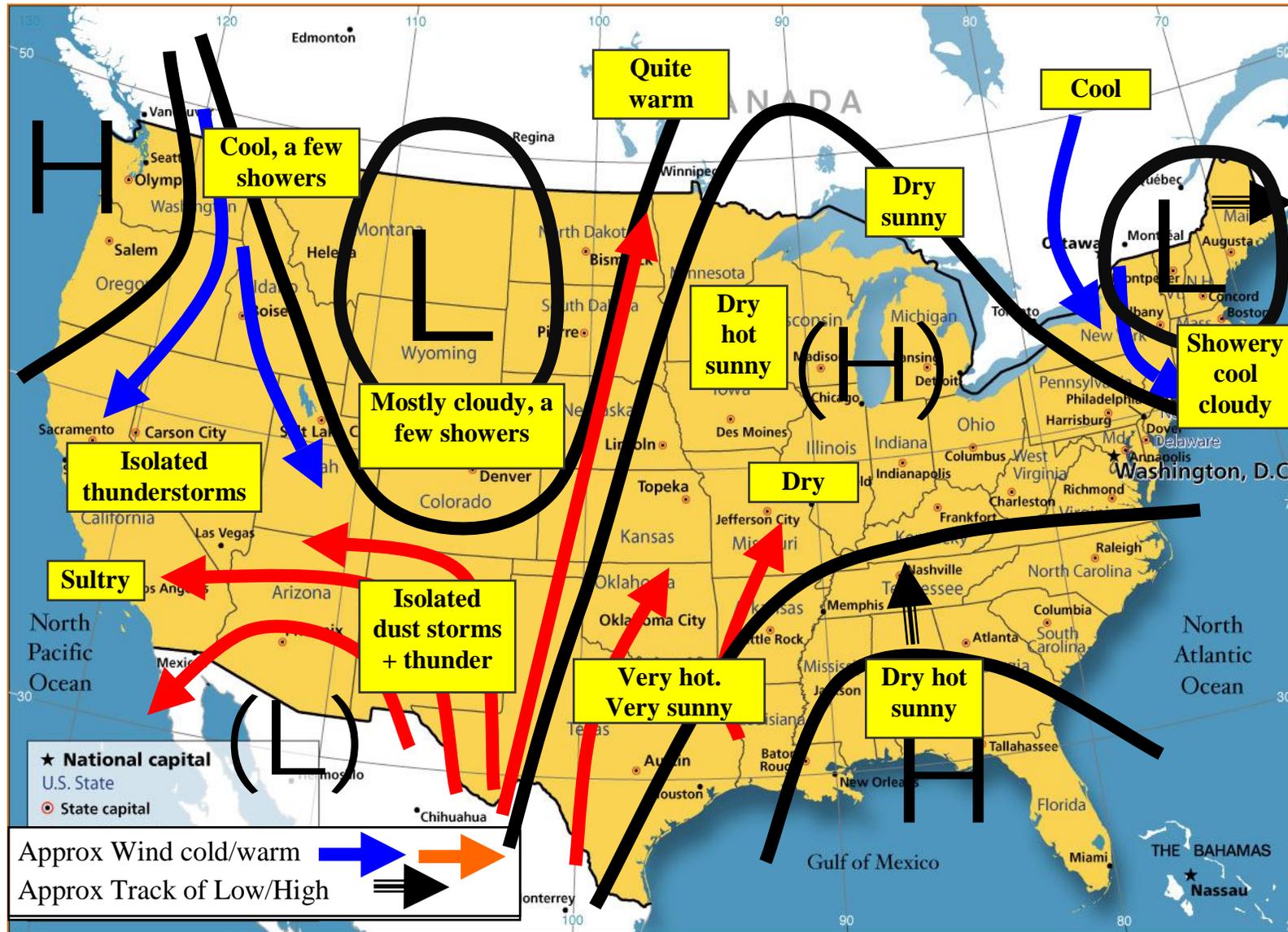
A dangerously active period in which standard forecasts significantly underestimate hail, thunder, wind & tornados.

Large area of Active low pressure East USA moving Eastwards. High pressure over North Central parts weakly linked to Gulf + Florida high. Low Mexico. High off Vancouver.

Very major thunderstorms, giant hail + tornado swarm(s) Mid West + Central East USA + Tornado Alley Central + South parts.

Gulf Coast + Florida dry, hot + sunny.
 Texas + SW hot, dry, sunny & parching dry wind. Very dangerous for forest fires.
 South California oppressive heat + sun but high cloud.
 Centre West coast + Seattle area thundery showers + variable sky.
 Vancouver + Pacific NW coast probably dry + bright/sunny with variable sky.

JULY 13-14 Forecast Confidence BC = 70%. Timing normally to one day; positions approximate.



Key Weather Development JULY 13-14

Solar Factors:

NSF/Q 13-14th

Quickly becoming slacker and rather settled.

Active low fills to NE and High Pressure expands over remaining East (North + South) parts.

Low pressure North Rockies and Mexico.

High Vancouver + NW.

NE showery, cool + cloudy.

Central + South/East very hot, dry & sunny.

Great Lakes dry, bec very warm, sunny.

SW dry hot sunny with isolated dust storms + thunder.

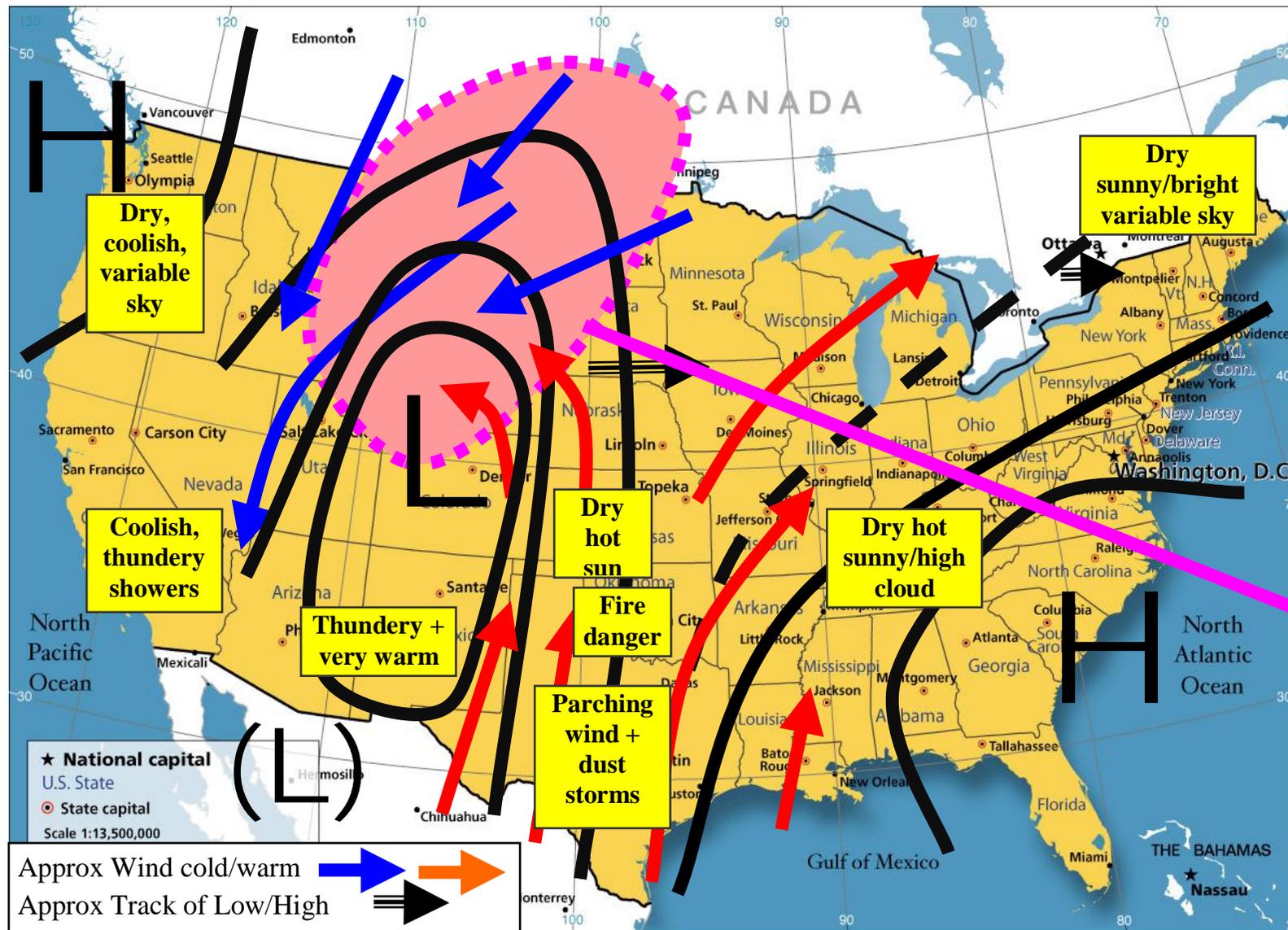
South California sultry heat, dry hot sunny light wind.

West, Central + NW parts dry + mostly sunny.

North Rockies + N Plains cool with a few showers + variable sky.

JULY 15-17 Forecast

Confidence AB = 80%. Timing normally to one day; positions approximate.



Key Weather Development JULY 15-17

Solar Factors:

R4 15-17

Suddenly more active

High pressure over central + East parts moves Eastwards + retreats. Active low over Rockies. High pressure NW – a generally large scale circulation.

Great Lakes NE dry sunny/bright + variable sky.

East + South + Florida + Gulf States dry hot sunny with high cloud.

Texas parching wind from sth, extreme fire risk+dust storms.

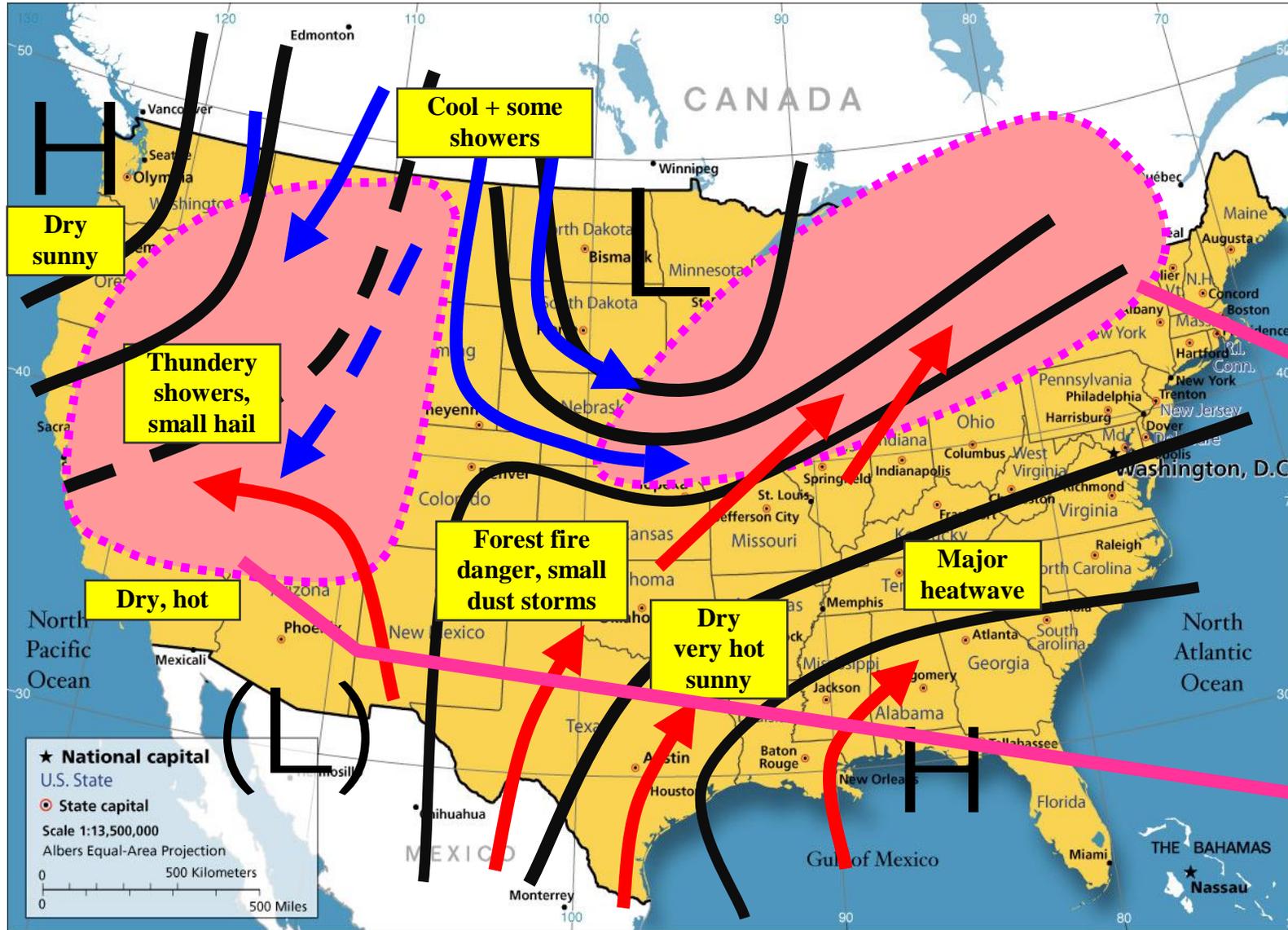
North + Central Rockies + North Plains major thunderstorms, thunderfloods, tornadoes.

SW very warm + thundery.

South California coolish with thunderstorms.

West central + NW dry, coolish + variable sky.

JULY 18-21 Forecast Confidence B = 75%. Timing normally to one day; positions approximate.



Key Weather Development JULY 18-21

Solar Factors:

NSF/Q 18-21

Suddenly quieter + more slack.

Shallow low pressure North central parts + Great Lakes. Large high pressure from Texas to East Coast **centred** on Gulf/Florida. Low Mexico; High NW.

Showery + thundery with small hail over large area Great Lakes + Mid West + NE.

East, South + Central South + Texas dry sunny very hot – MAJOR OPPRESSIVE HEATWAVE.

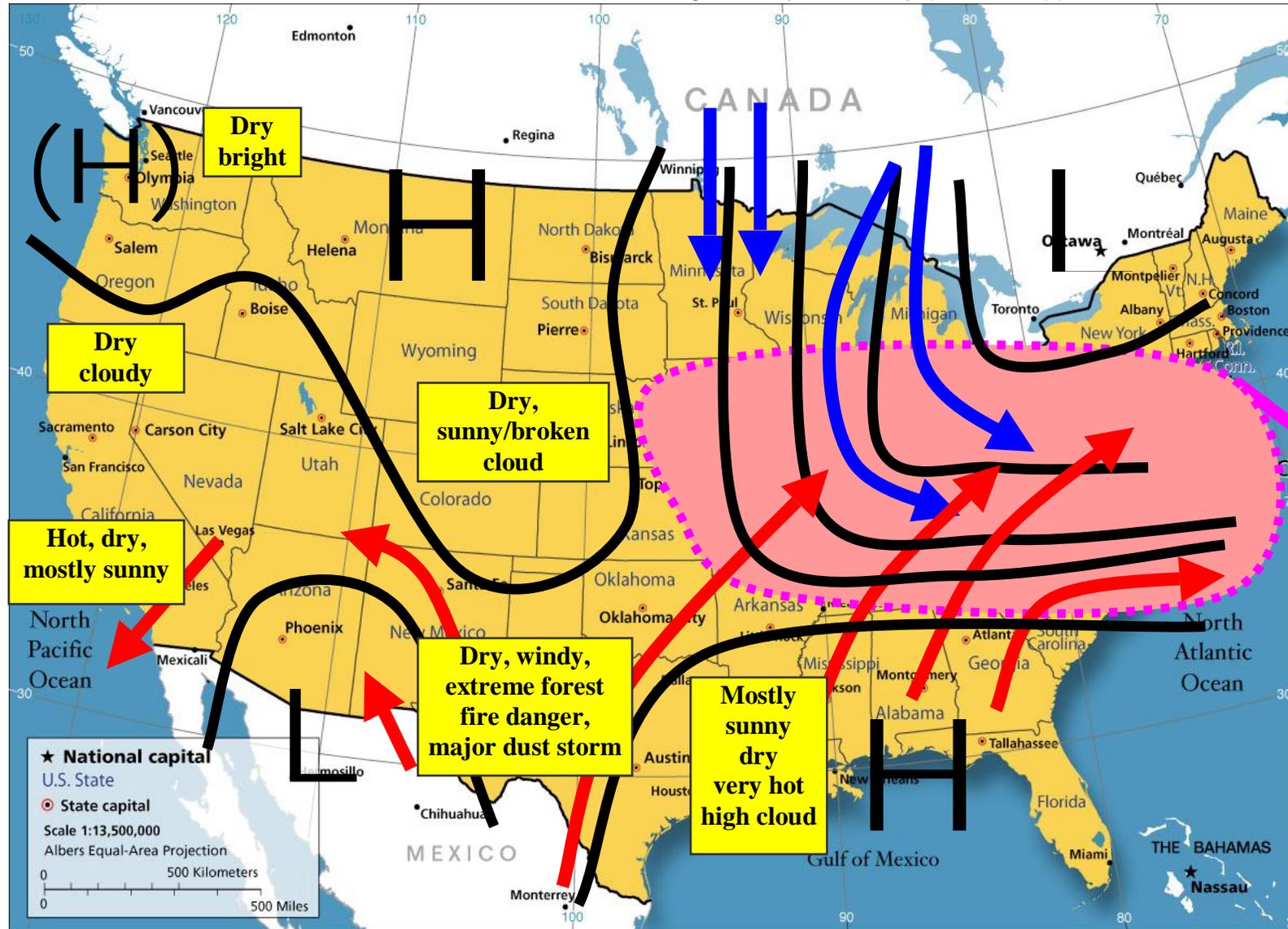
South California dry + hot + sunny.

West central coast + North Rockies + North centre thundery showers + cool.

Far NW dry + sunny.

JULY 22-26 Forecast

Confidence AB = 80%. Timing normally to one day; positions approximate.



Key Weather Development JULY 22 - 26

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.

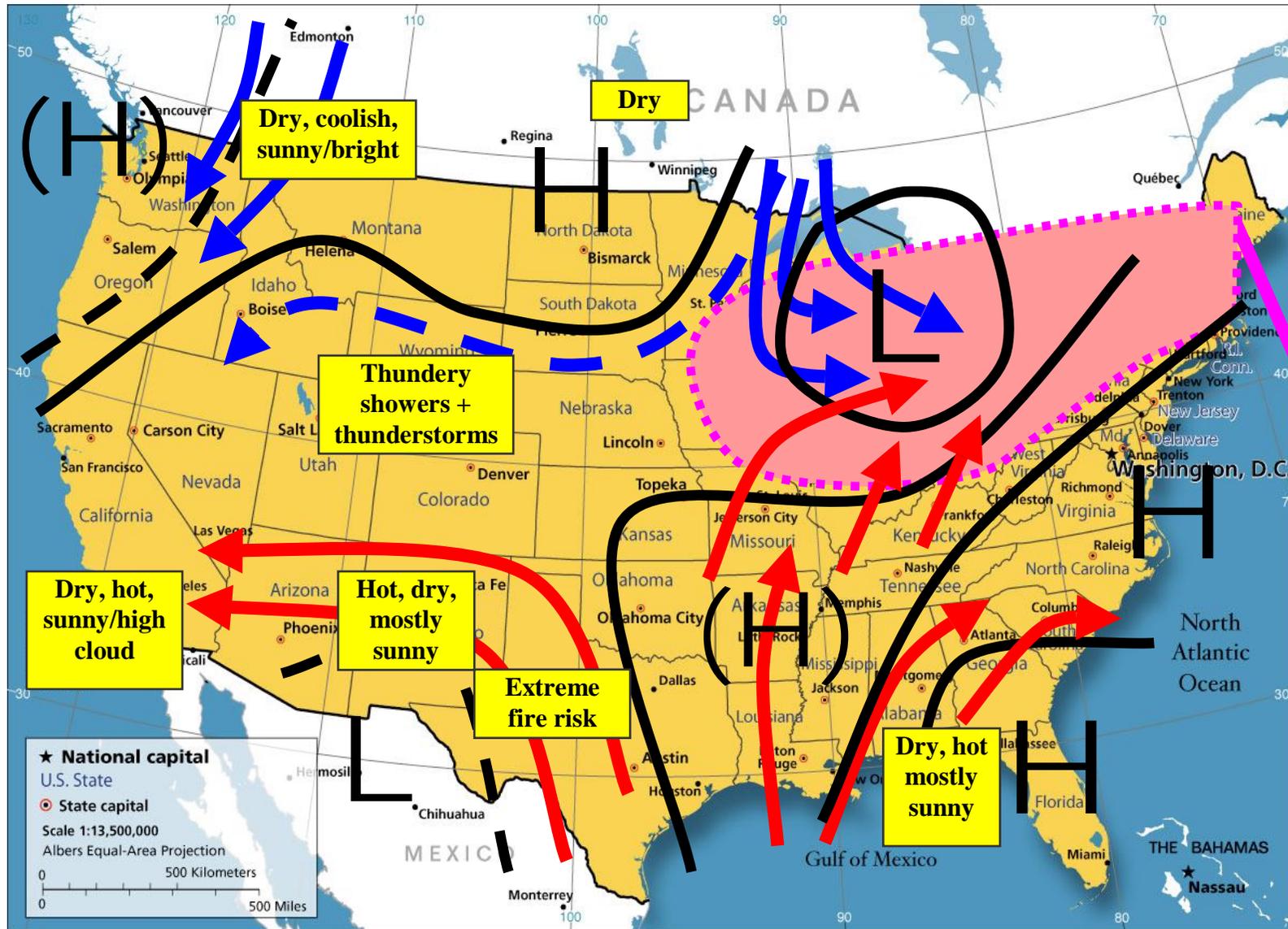
Gulf states + Florida dry, mostly sunny/high cloud, very hot.

Texas + SW parching dry wind, extreme forest fire danger + major dust storms.

South California mostly sunny hot + dry.

N/West dry + quite warm, broken cloud/sunny.

JULY 27th-1st/2nd AUGUST Forecast Confidence B = 75%. Timing normally to one day; positions approx.



Key Weather Development JULY 27th-1st/2nd AUGUST

Solar Factors:
NSF 27, R4 28-29, R5 31-2 Aug
Briefly less intense activity then prolonged extreme activity.

Intense low centered on Great Lakes/Mid West.

High Gulf + Florida + Central East parts

Low SW/Mexico.

High NW + North of West USA

Intense thunderstorms, giant hail, floods + tornado swarm(s) Great Lakes, Mid West + NE.

South & East dry, hot/very hot, mostly sunny with high cloud.

SW + West Texas hot, dry + mostly sunny. **EXTREME FIRE RISK.**

South California dry, hot, sunny/high cloud.

Centre West + Central Rockies thunderstorms + thundery showers.

NW + North of West dry, coolish + sunny/bright.