

National Weather Service
Lake Charles, Louisiana
2:30 pm Thu Mar 10 2016

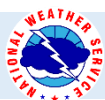
Weekly Weather Update

By Roger Erickson, Warning Coordination Meteorologist

TOP STORY:

Rain will be tapering off Friday and Saturday, but a record breaking flood is expected on the Sabine River over the next week to ten days.

	Low Temperatures	High Temperatures	Chance for Rain
Friday	65-67 F	72-76 F	90%
Saturday	60-65 F	72-76 F	40-60%
Sunday	58-61 F	76-80 F	10%
Monday	58-63 F	78-83 F	5%
Tuesday	60-65 F	78-82 F	5%
Wednesday	62-66 F	78-80 F	20-30%
Thursday	60-65 F	75-78 F	40-60%



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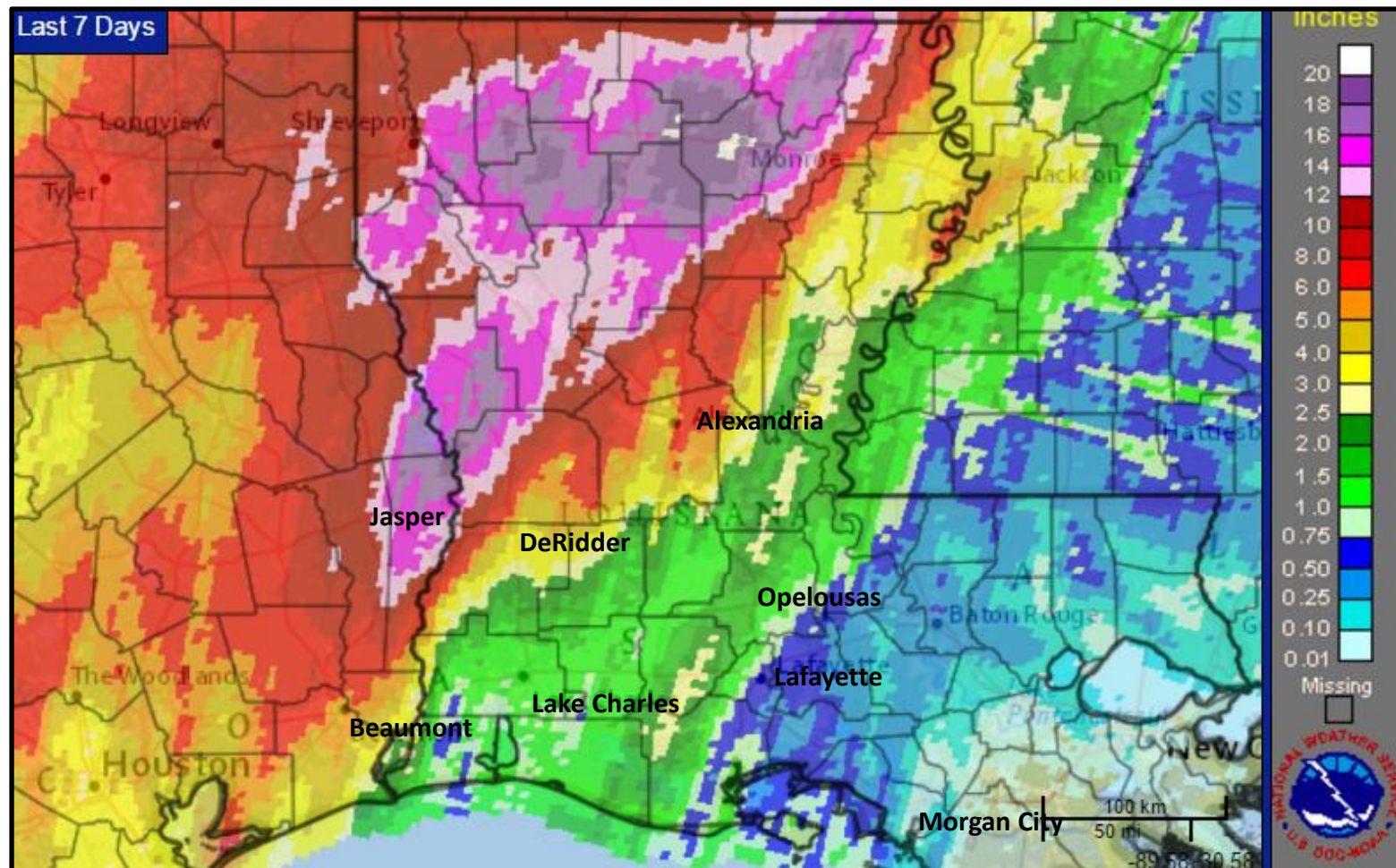
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Rainfall in the Past Week

Extreme rains of 12 to 18 inches has fallen in parts of Jasper and Newton counties, and Vernon Parish. Six inches of rain extends down to the Beaumont area, and around Alexandria, too.



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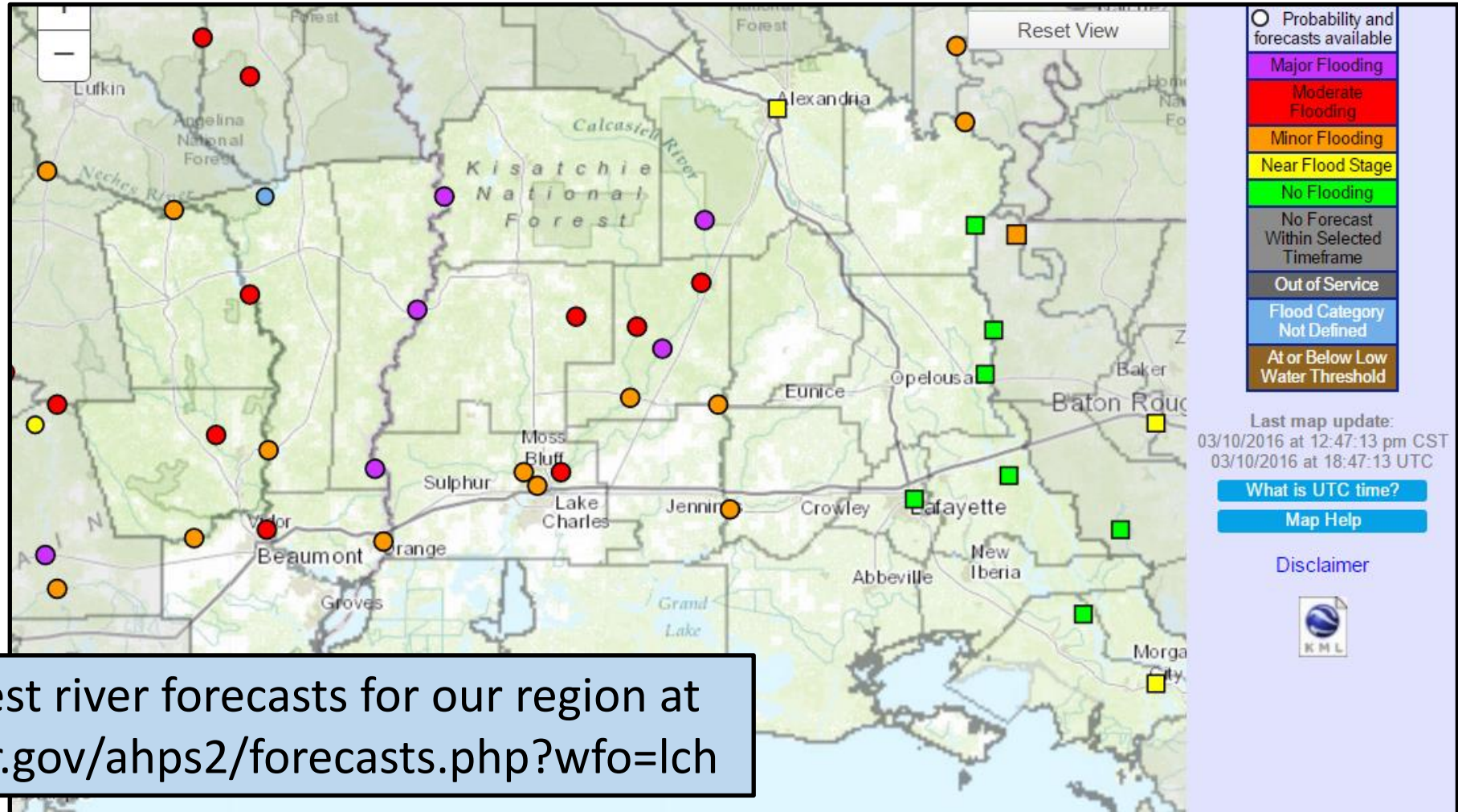
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River Forecasts

Record flooding will occur along the Sabine River. Major flooding can be expected along parts of the Calcasieu River as well over the next week.



You can find the latest river forecasts for our region at <http://water.weather.gov/ahps2/forecasts.php?wfo=lch>



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Dangerous Sabine River Forecast

Evacuations will be necessary along the Sabine River due to the record breaking release of water from Toledo Bend Dam.

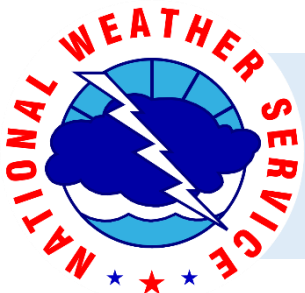
Even as far south as the city of Orange will see flooding from this event.



- Dam began impoundment of water in 1966
 - Record releases from Toledo Bend
 - 206,000 cubic ft/sec
 - Record Flooding expected
 - Previous Records*:
 - Burkeville – 48.05 ft 2/1/1999
 - Bon Weir – 43.50 ft 4/23/1913
 - Since 1966 → 37.7 ft 5/23/1989
 - Deweyville – 32.20 ft 5/1/1884
 - Since 1966 → 29.2 ft 7/6/1989
 - Orange – 9.86 ft 9/13/2008
- * From NWS AHPS Web Pages

Please follow the orders and recommendations of your Emergency Management Officials!

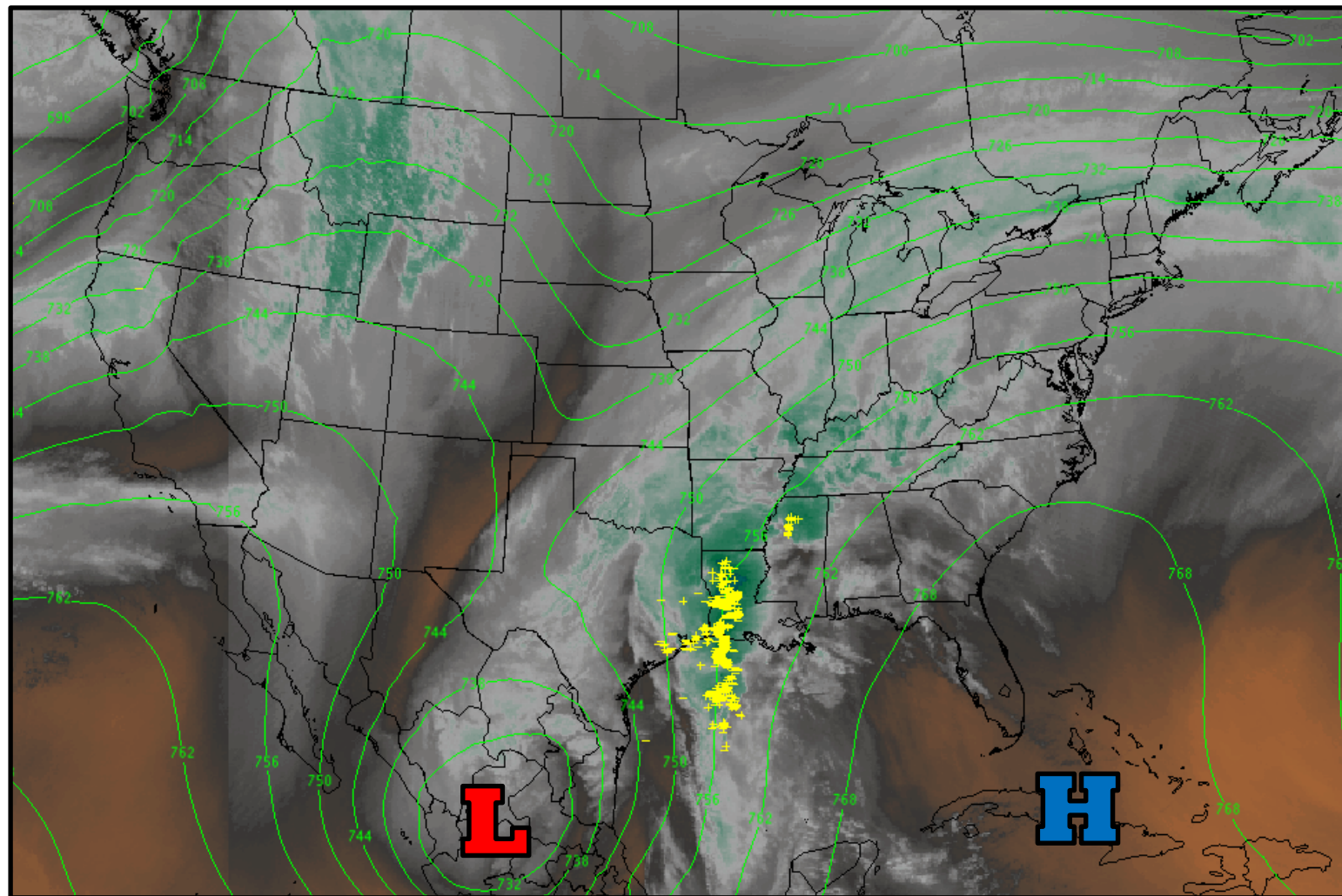




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US Water Vapor Weather Satellite

A cut off upper low over Mexico has been sending a series of shortwaves towards our region this week.



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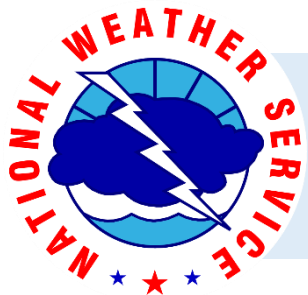
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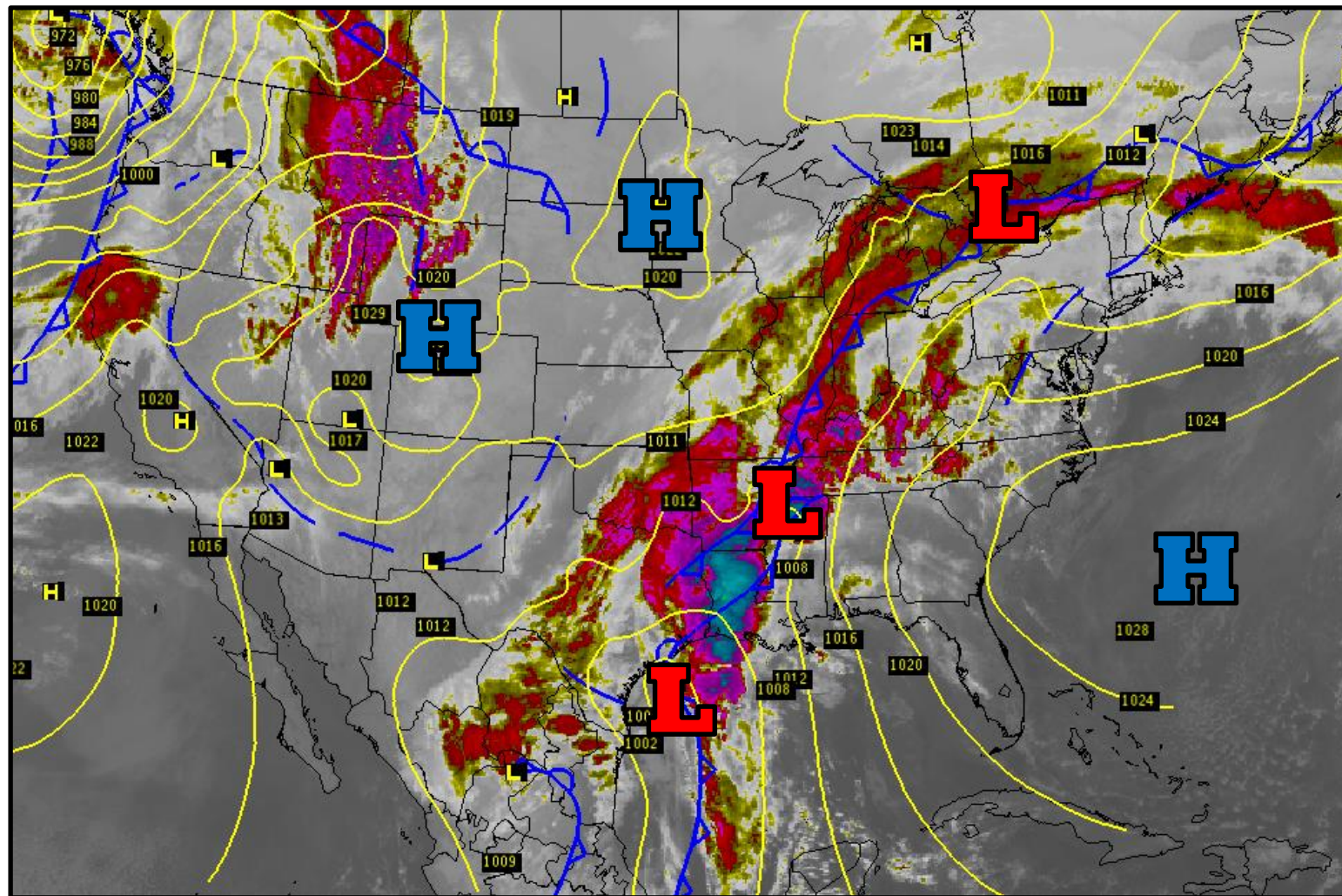
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US Infra-Red Weather Satellite

A low pressure system and associated frontal system extends along the Texas coast and covers Louisiana.



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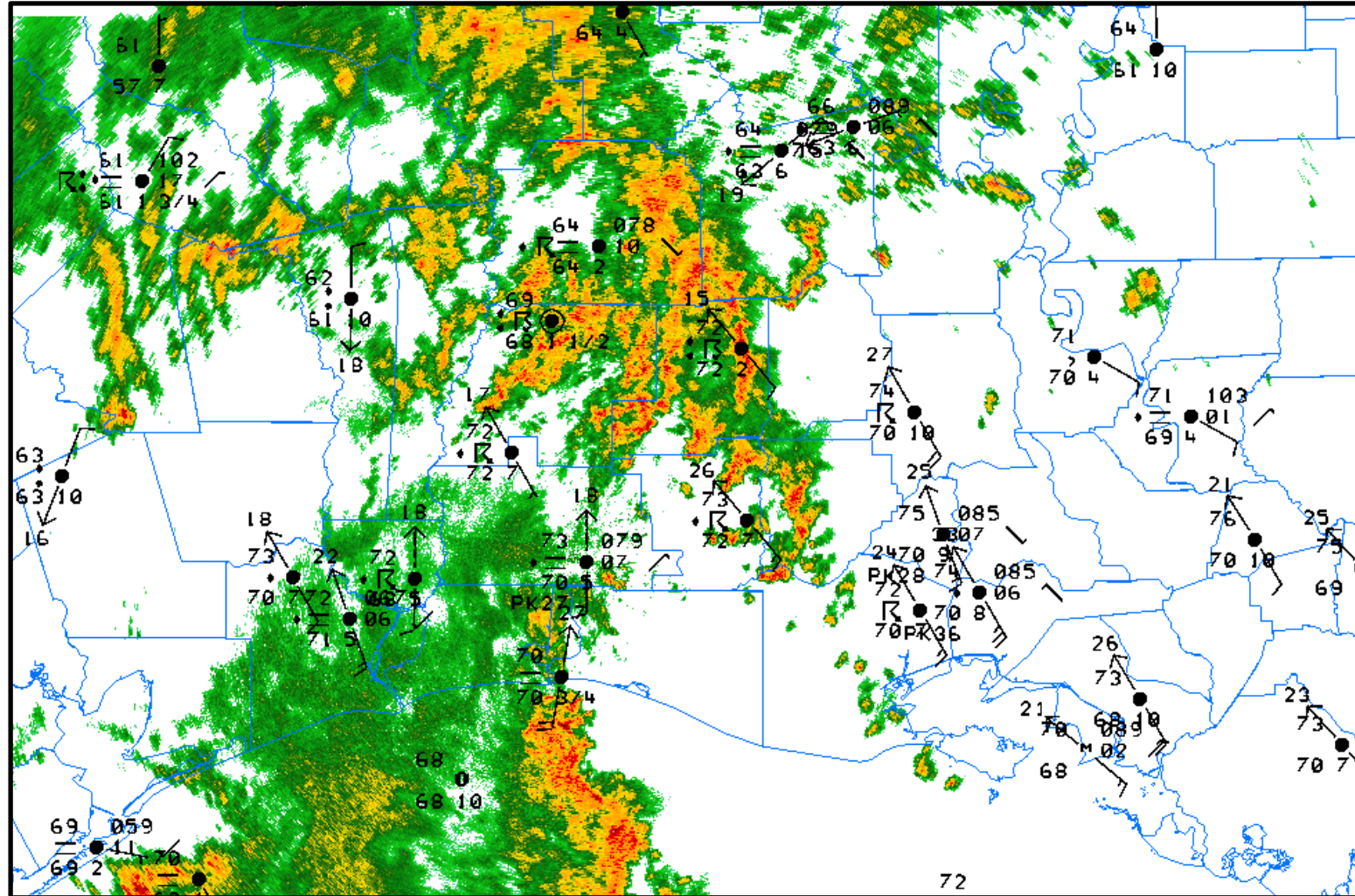
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6 am Weather Observations

A large area of rain and embedded thunderstorms was seen across southeast Texas and western and central Louisiana. Temperatures were in the 60s in the rain and the 70s away from the rain. Winds were gusting over 30 mph in Acadiana.

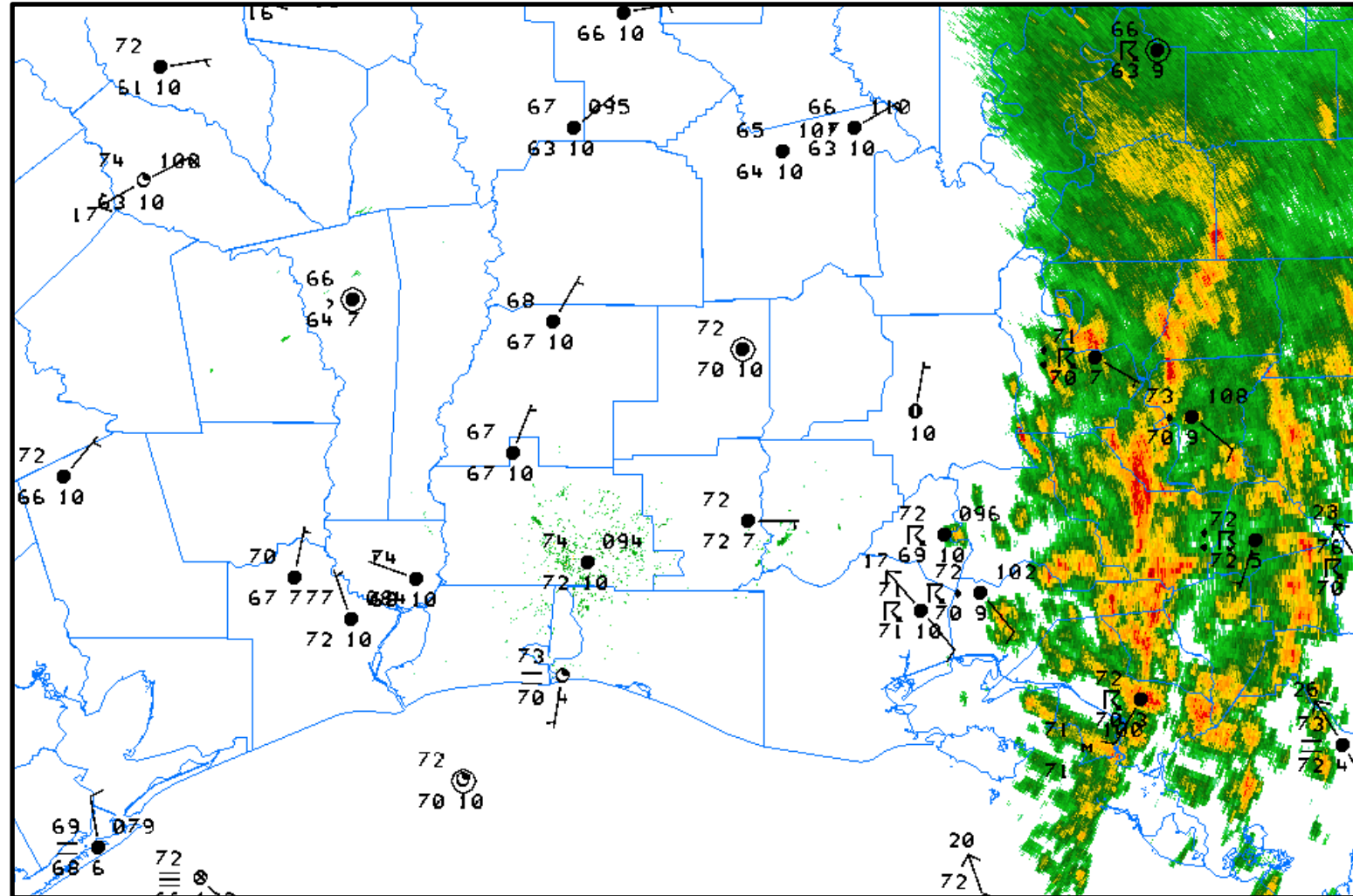


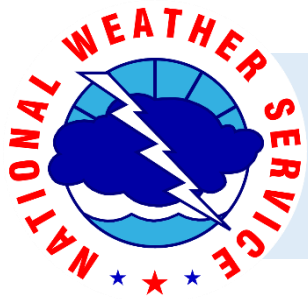


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2 pm Weather Observations

A large area of rain with embedded thunderstorms was over the Atchafalaya Basin eastward. Temperatures were in the mid 60s to mid 70s with variable winds.

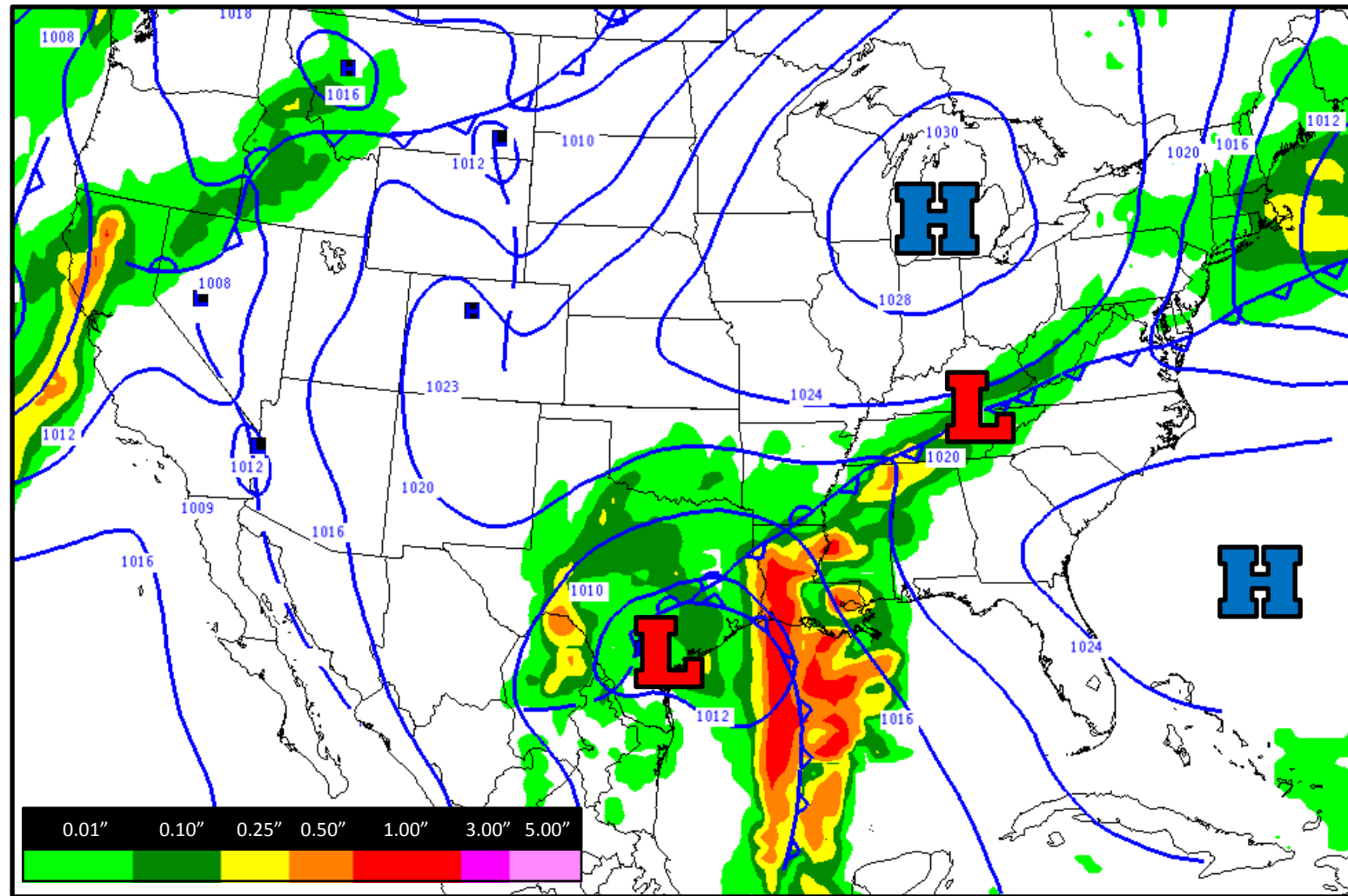




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6 am Friday March 11 2016

Low Temperature	65-67 F
High Temperature	72-76 F
Wind	SE 10-15 mph Gusts 30-40 mph
Rain Chances	90%
Weather Hazards	Thunderstorms River Flooding



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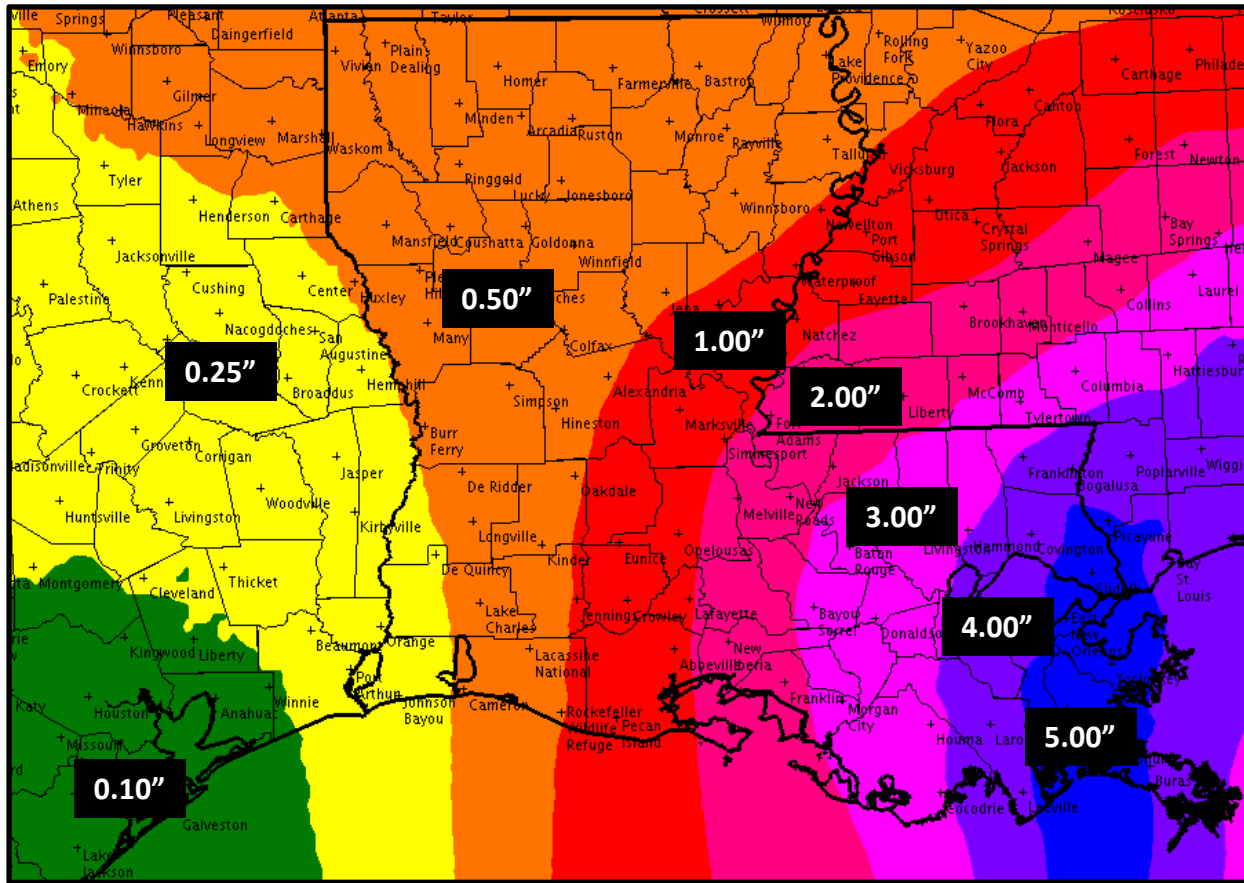


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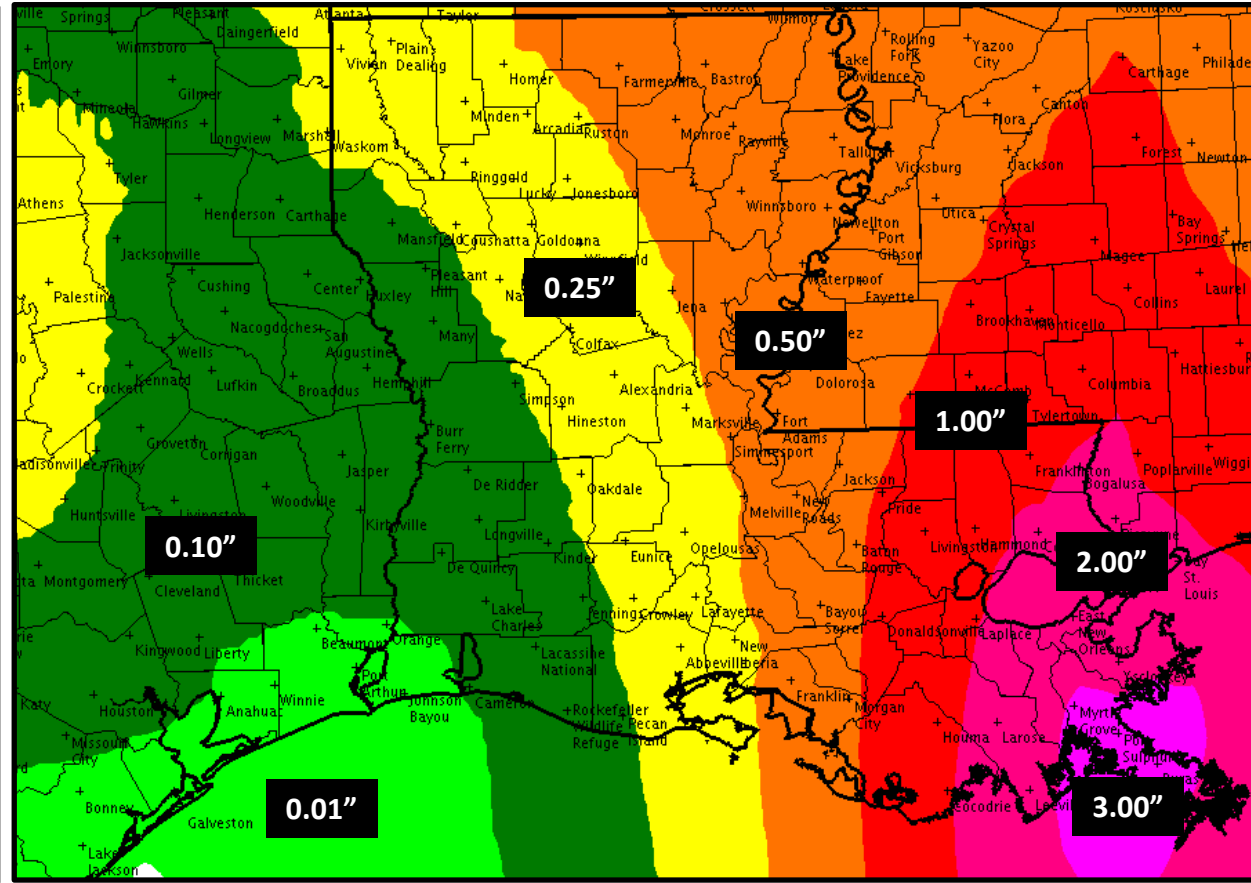


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Friday and Saturday Rain Totals



Friday March 11 2016



Saturday March 12 2016



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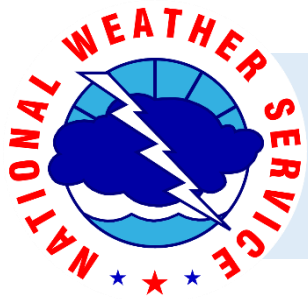
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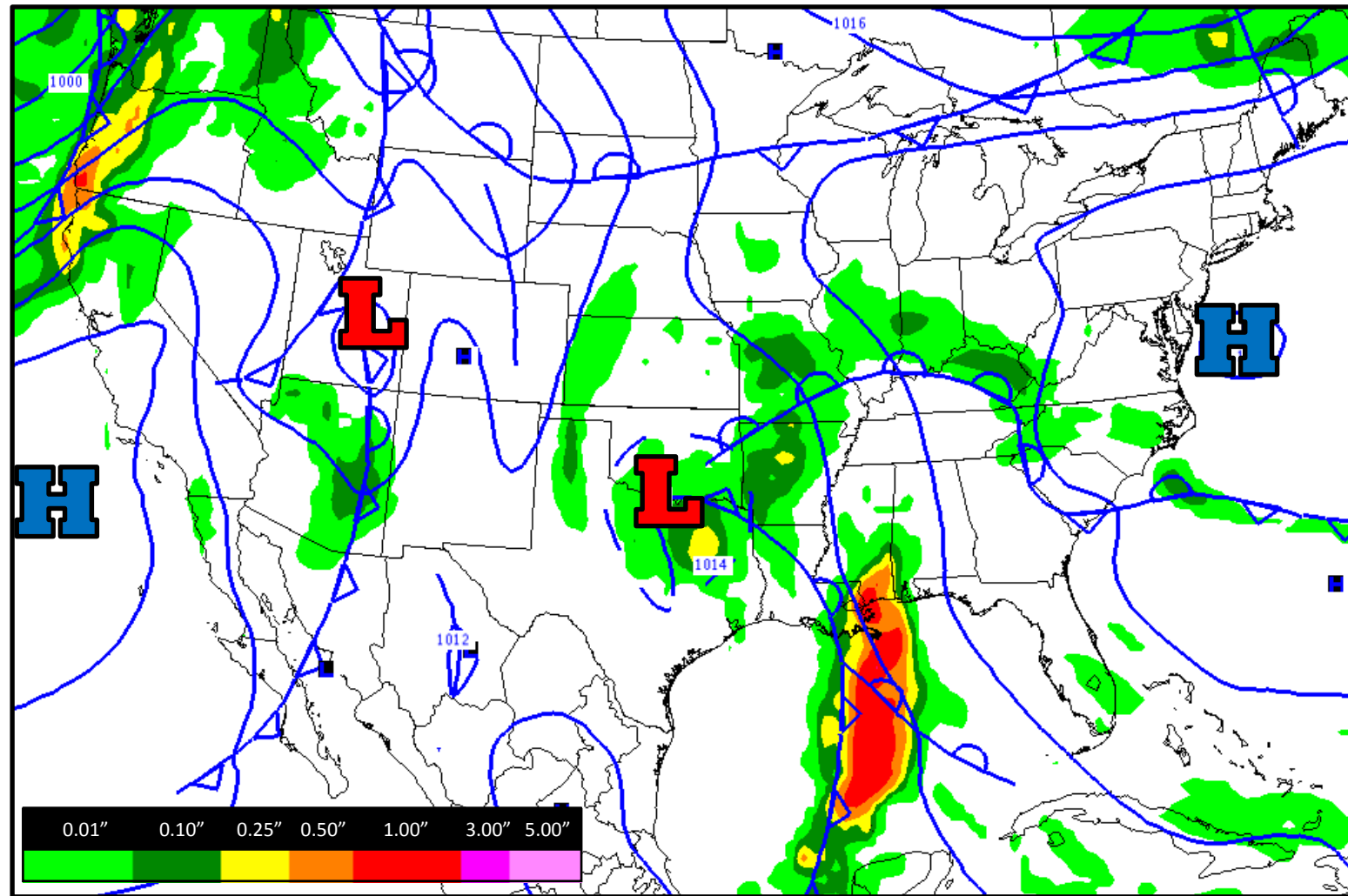
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6 am Saturday March 12 2016

Low Temperature	60-65 F
High Temperature	72-76 F
Wind	S 10-15 mph
Rain Chances	40-60%
Weather Hazards	Thunderstorms River Flooding



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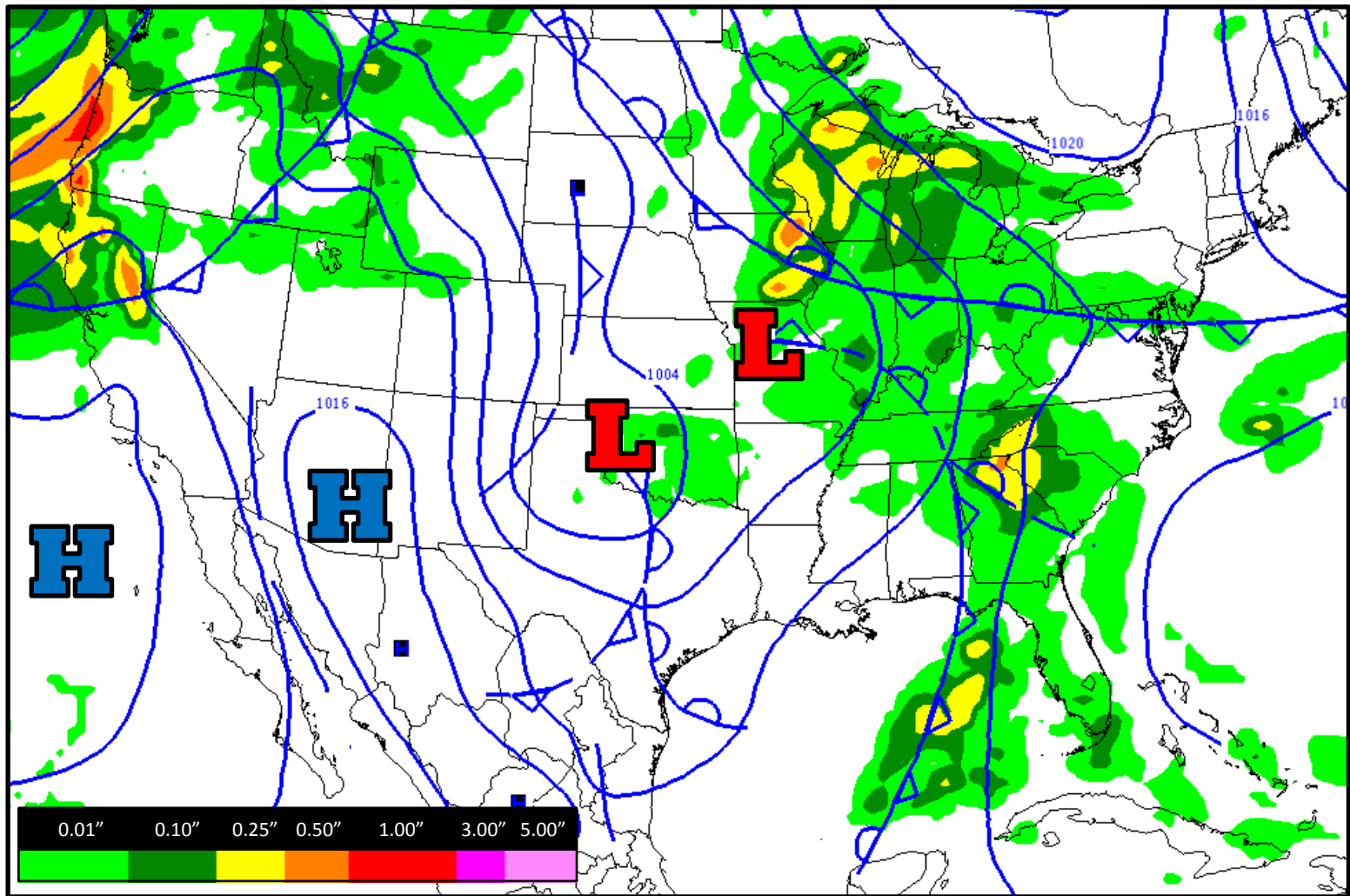
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6 am Sunday March 13 2016

Low Temperature	58-61 F
High Temperature	76-80 F
Wind	SW 10-15 mph
Rain Chances	10%
Weather Hazards	River Flooding



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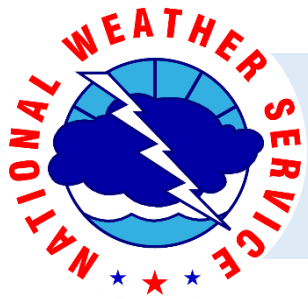
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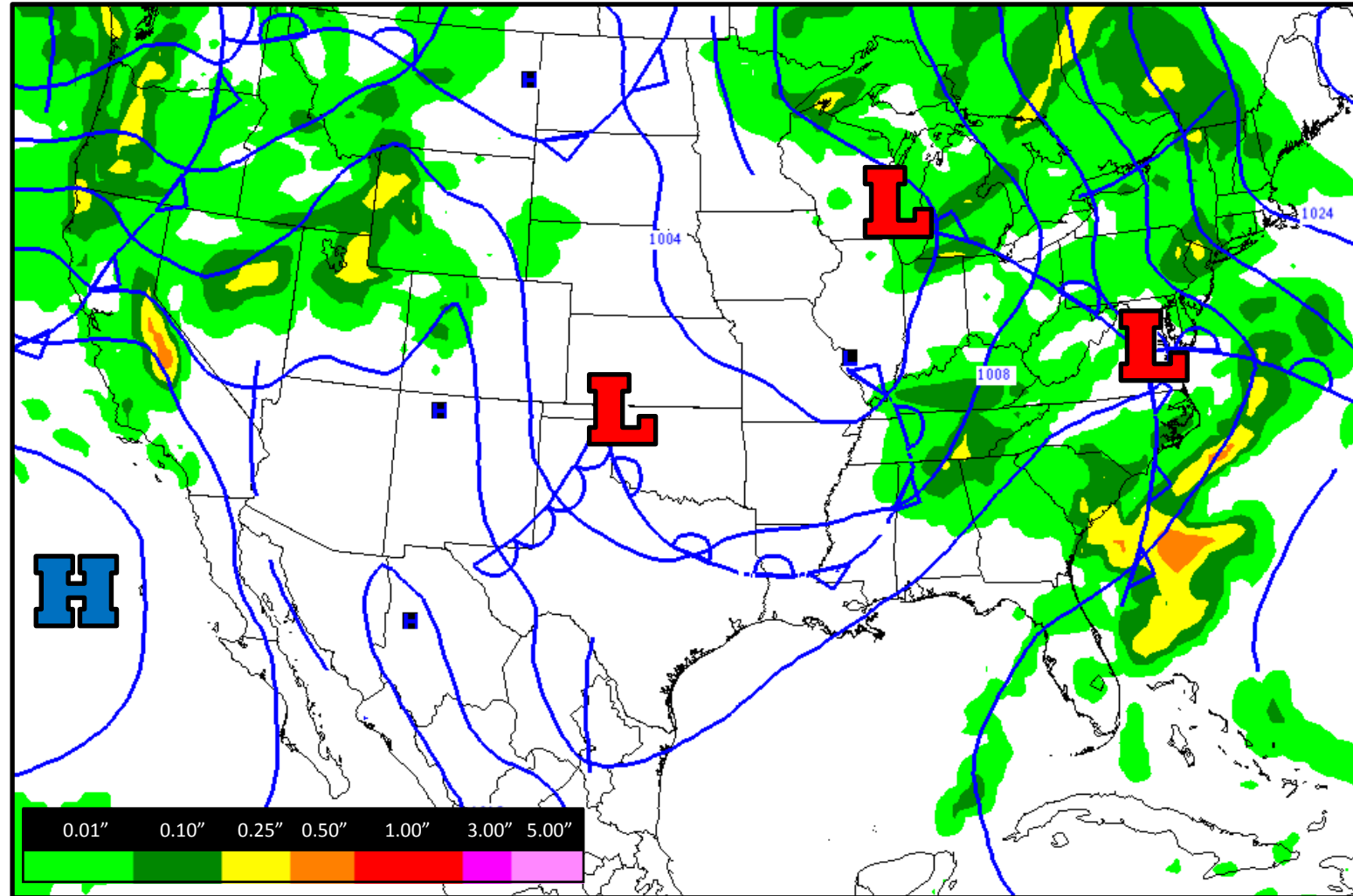
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6 am Monday March 14 2016

Low Temperature	58-63 F
High Temperature	78-83 F
Wind	SW 10-15 mph
Rain Chances	5%
Weather Hazards	River Flooding



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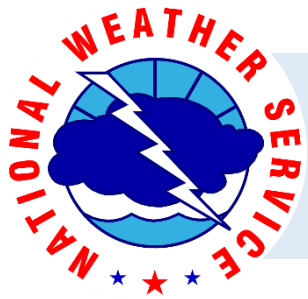
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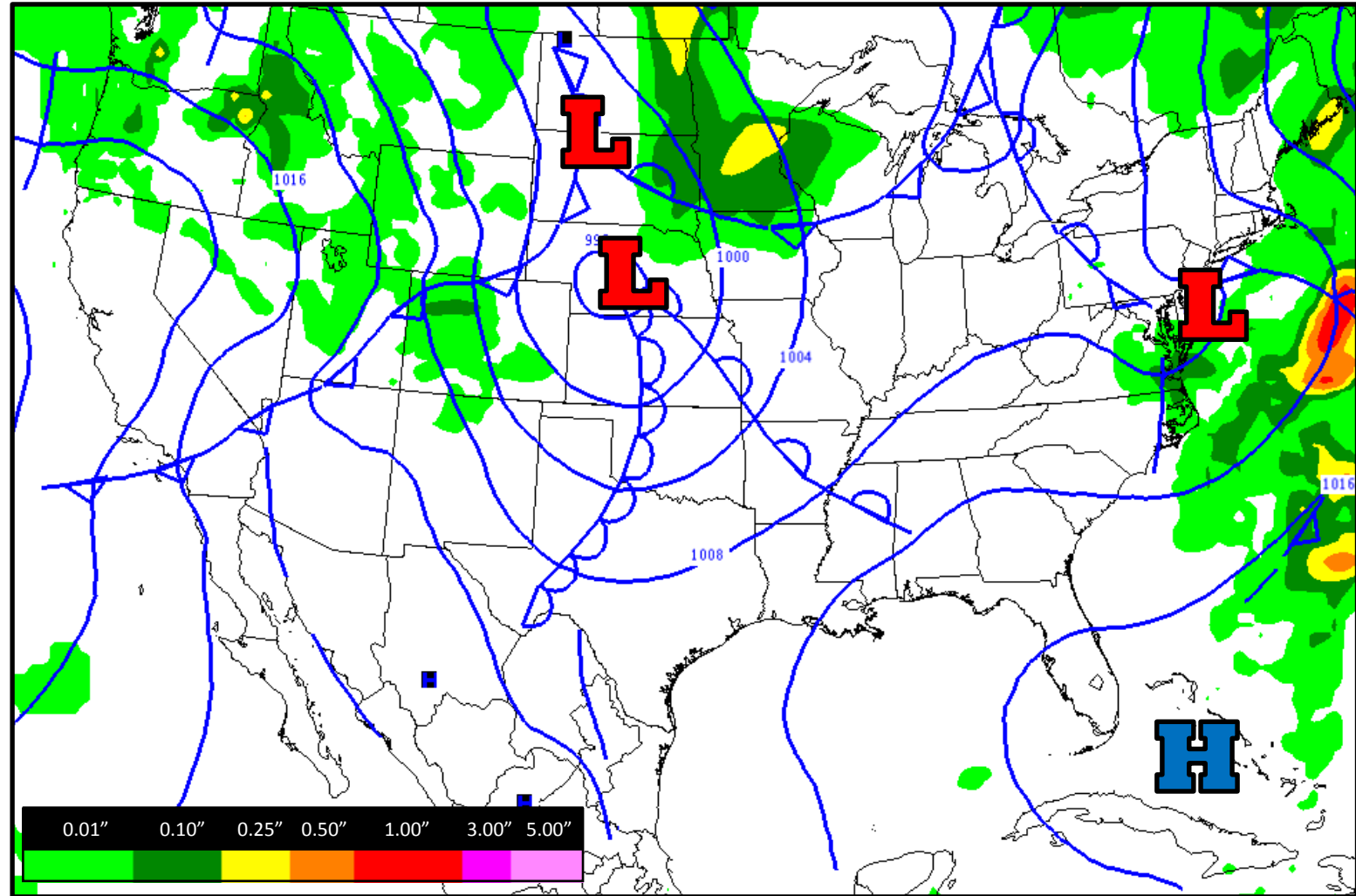
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6 am Tuesday March 15 2016

Low Temperature	60-65 F
High Temperature	78-82 F
Wind	SW 10-15 mph
Rain Chances	5%
Weather Hazards	River Flooding



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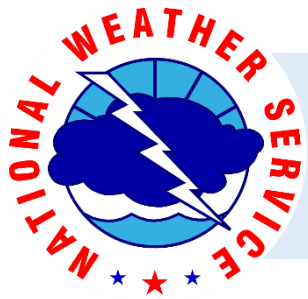
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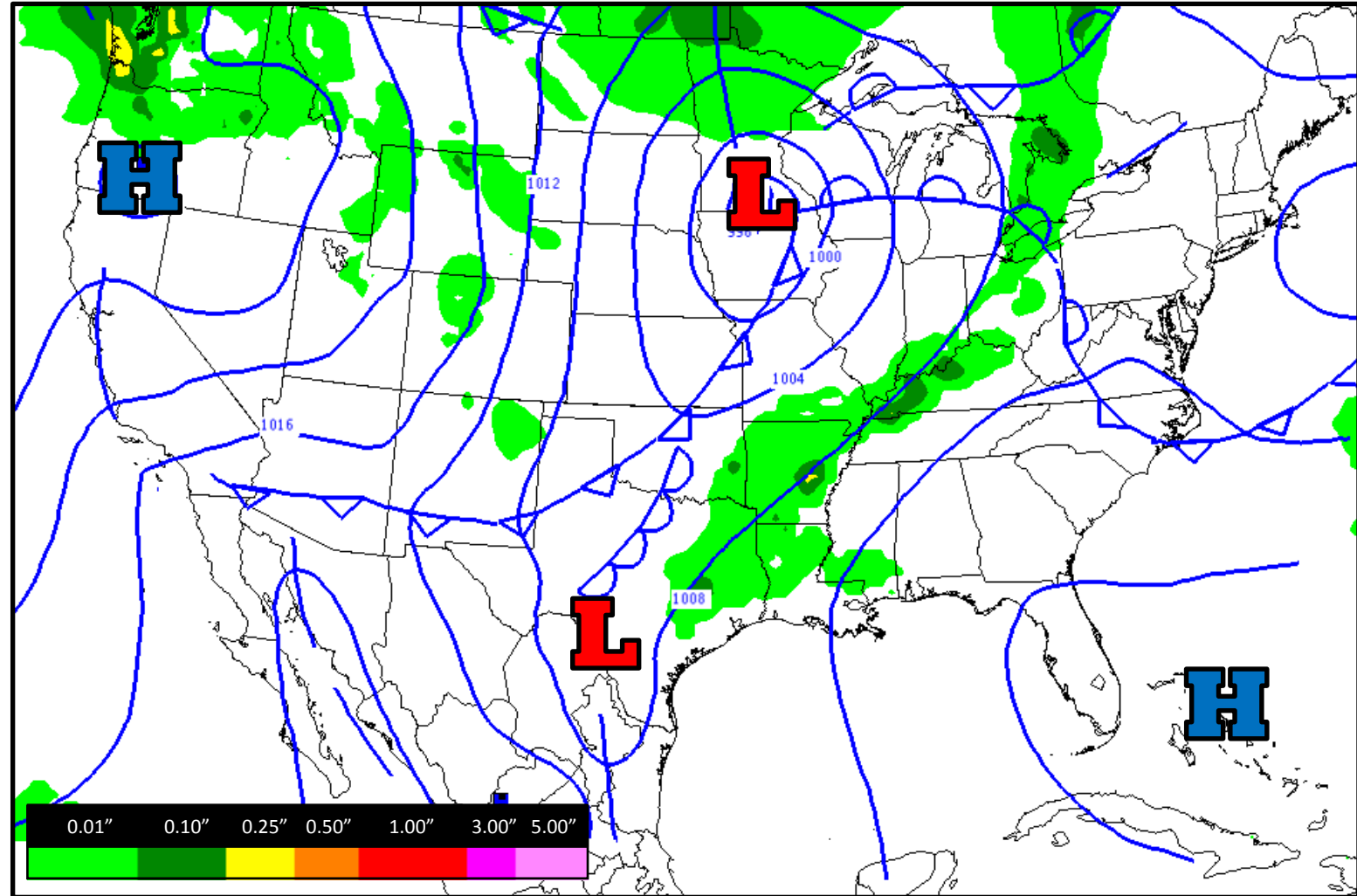
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6 am Wednesday March 16 2016

Low Temperature	62-66 F
High Temperature	78-80 F
Wind	S 10-15 mph
Rain Chances	20-30%
Weather Hazards	River Flooding Thunderstorms



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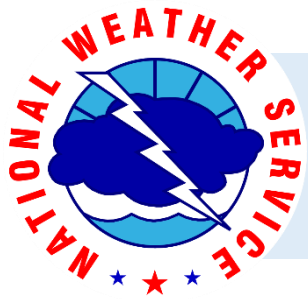
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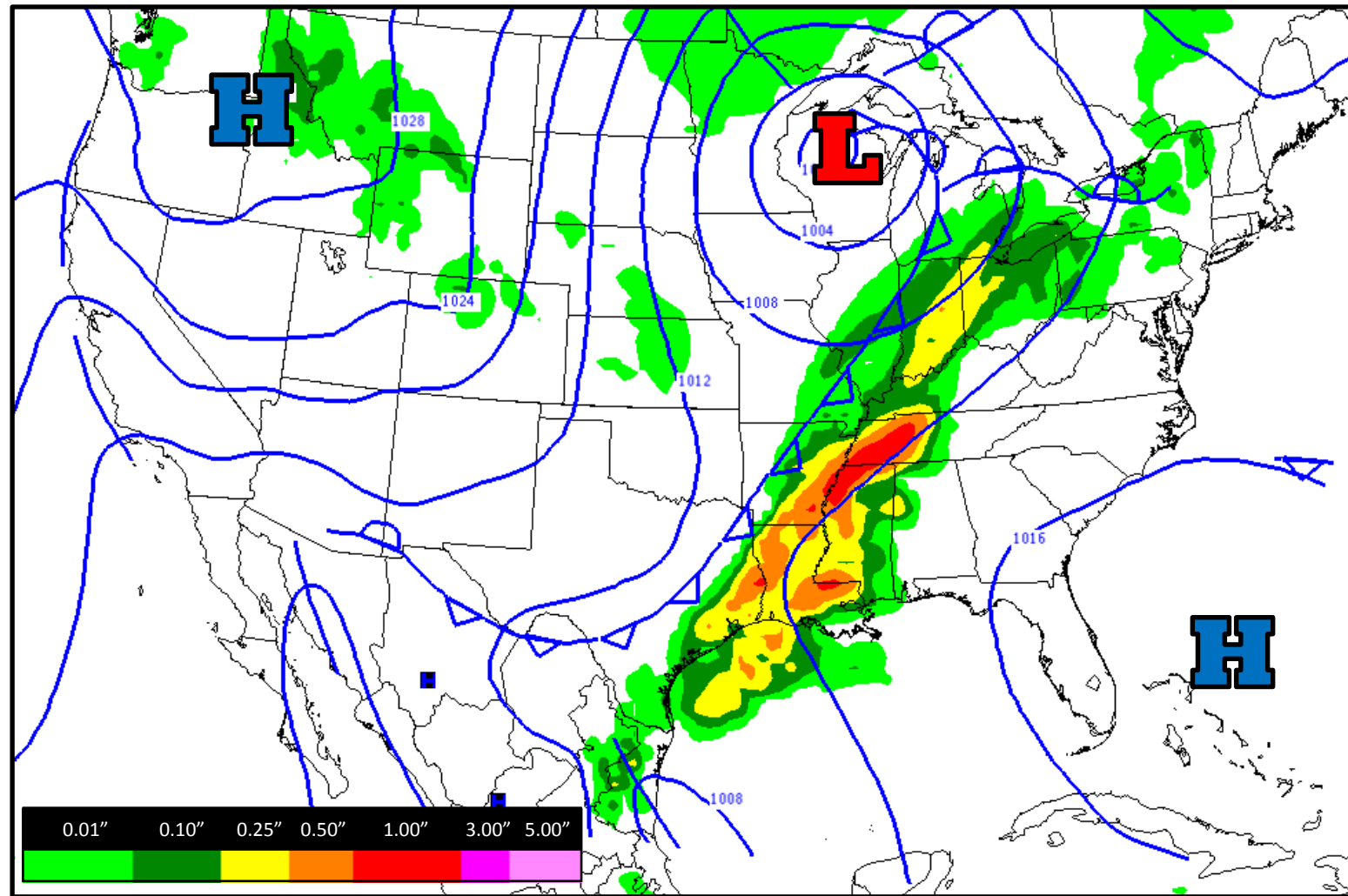
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6 am Thursday March 17 2016

Low Temperature	60-65 F
High Temperature	75-78 F
Wind	S 10-15 mph
Rain Chances	40-50%
Weather Hazards	River Flooding Thunderstorms



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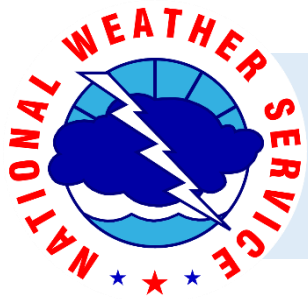
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Weekly Weather Summary Table

Color Codes Except for Temperatures
Yellow = Low Threat
Orange = Moderate Threat
Red = High Threat

Color Codes For Temperatures
Yellow=5 F above normal
Orange=10 F above normal
Red=15 F above normal
Vry Lt Blue=5 F below normal
Lt Blue=10 F below normal
Blue=15 F below normal

Weather	Friday 3/11/16	Saturday 3/12/16	Sunday 3/13/16	Monday 3/14/16	Tuesday 3/15/16	Wednesday 3/16/16	Thursday 3/17/16
Rain Total	0.25-3.00"	0.10-0.50"	None	None	None	0.10-0.25"	0.25-1.00"
T-Storm/ Lightning	Scattered	Isolated	None	None	None	Scattered	Scattered
Tornado/Hail /Dmg Wind	Isolated	None	None	None	None	None	None
Wind	SE 10-15 mph G30-40 mph	S 10-15 mph	SW 10-15 mph	SW 10-15 mph	SW 10-15 mph	S 10-15 mph	S 10-15 mph
Tide	Above Normal	Above Normal	Above Normal	Above Normal	Above Normal	Above Normal	Above Normal
Wave Height	Near: 3-5 ft Off: 6-8 ft	Near: 2-3 ft Off: 4-6 ft	Near: 1-2 ft Off: 3-5 ft	Near: 1-2 ft Off: 3-5 ft	Near: 1-2 ft Off: 3-5 ft	Near: 1-2 ft Off: 3-5 ft	Near: 1-2 ft Off: 3-5 ft
Temperature	Low: 65-67	Low: 60-65	Low: 58-61	Low: 58-63	Low: 60-65	Low: 62-66	Low: 60-65
	High: 72-76	High: 72-76	High: 76-80	High: 78-83	High: 78-82	High: 78-80	High: 75-78



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Weekly Weather Summary

- Record breaking river flooding will occur along the Sabine River due to record breaking releases from Toledo Bend Dam. Major flooding will occur on the Calcasieu.
- Rain and thunderstorms will continue Friday, and taper off on Saturday.
- Dry and warm weather will be in store Sunday through Tuesday.
- The next storm system comes in next Wednesday and Thursday.
- Tides will run above normal through the period due to onshore flow. Minor coastal flooding will occur during times of high tides.



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