

NATIONAL WEATHER SERVICE FLOOD BRIEFING

April 2, 2018

**Mississippi River &
Backwater Flooding**

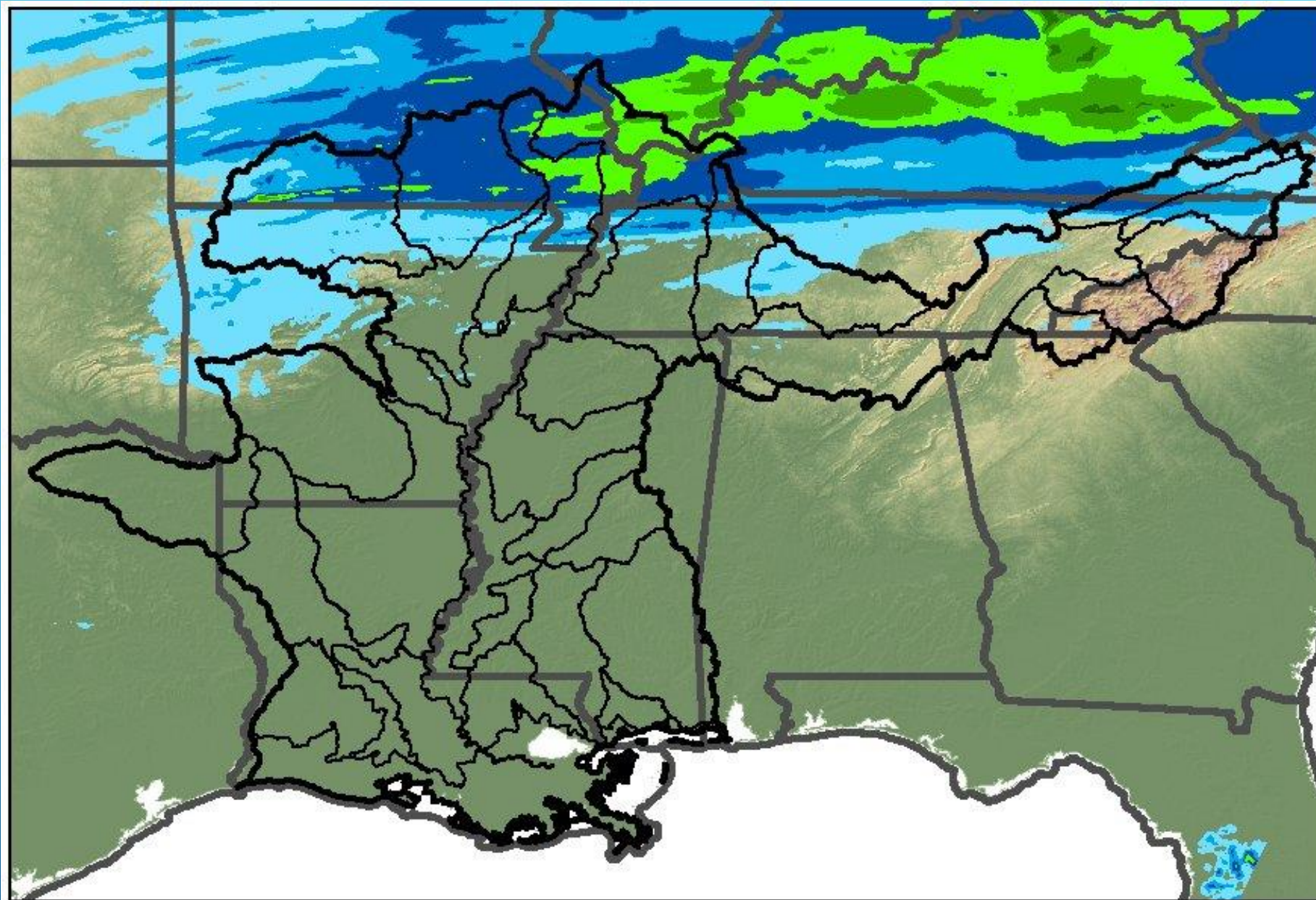
TALKING POINTS

April 2, 2018

- Rainfall from $\frac{3}{4}$ " to 1" fell across the Ohio Valley this past weekend.
- The Old River Structure remains open allowing water to continue to drain from behind the backwater levee.
- The backwater areas of Northeast Louisiana are cresting or are slowly falling.
- Another front will move across the Mississippi Valley from Tuesday into Wednesday followed by another slower system pushing across Lower Mississippi Valley this weekend. Rainfall across Louisiana into Mississippi could be heavy due to a slowing front.



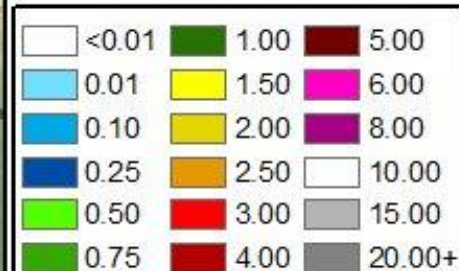
24 HOUR RAINFALL THROUGH 11AM TODAY



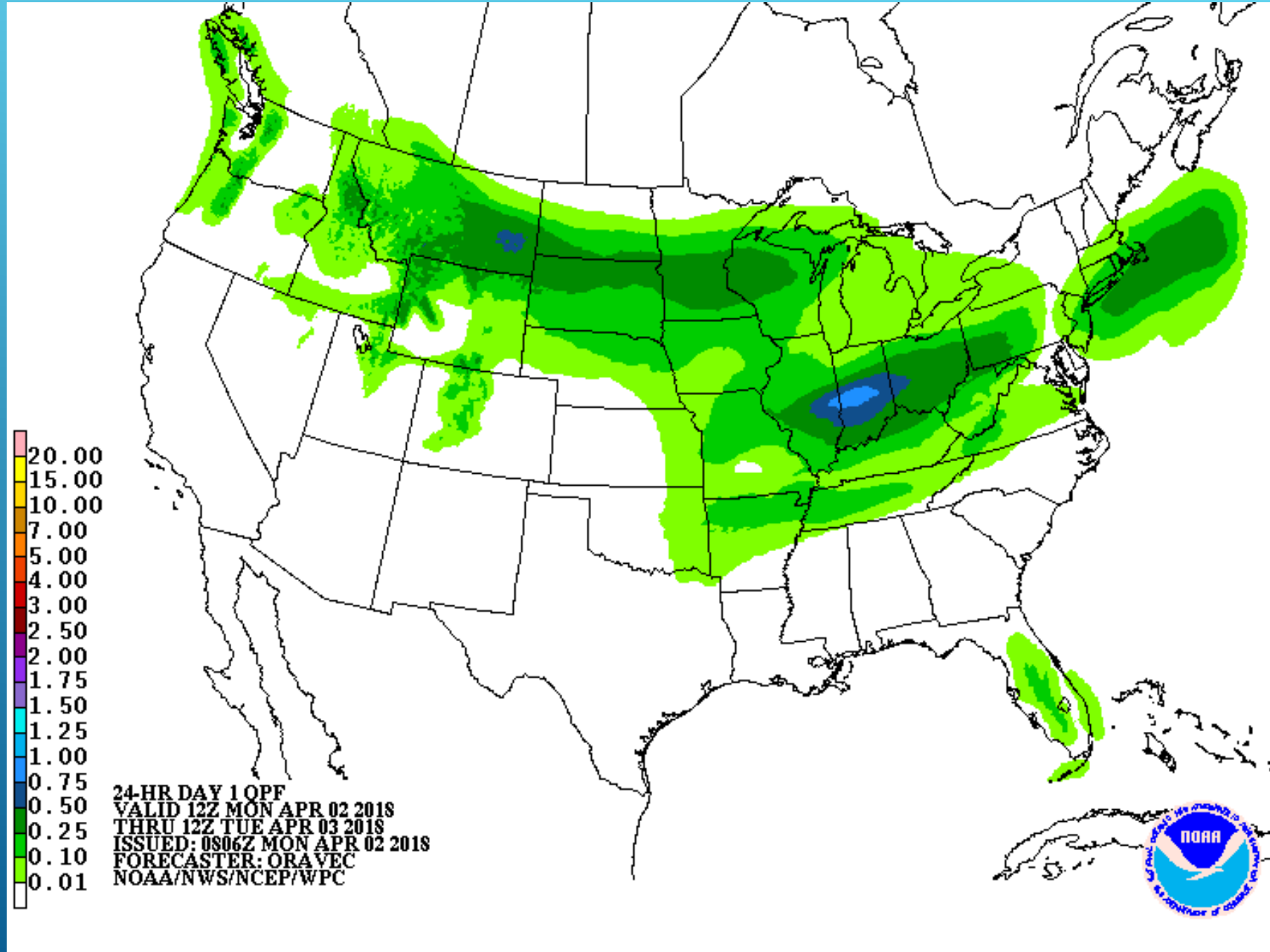
Past 24-hr Rainfall Bias-Corrected Radar

Image Updated:
2018/04/02 17:03 UTC

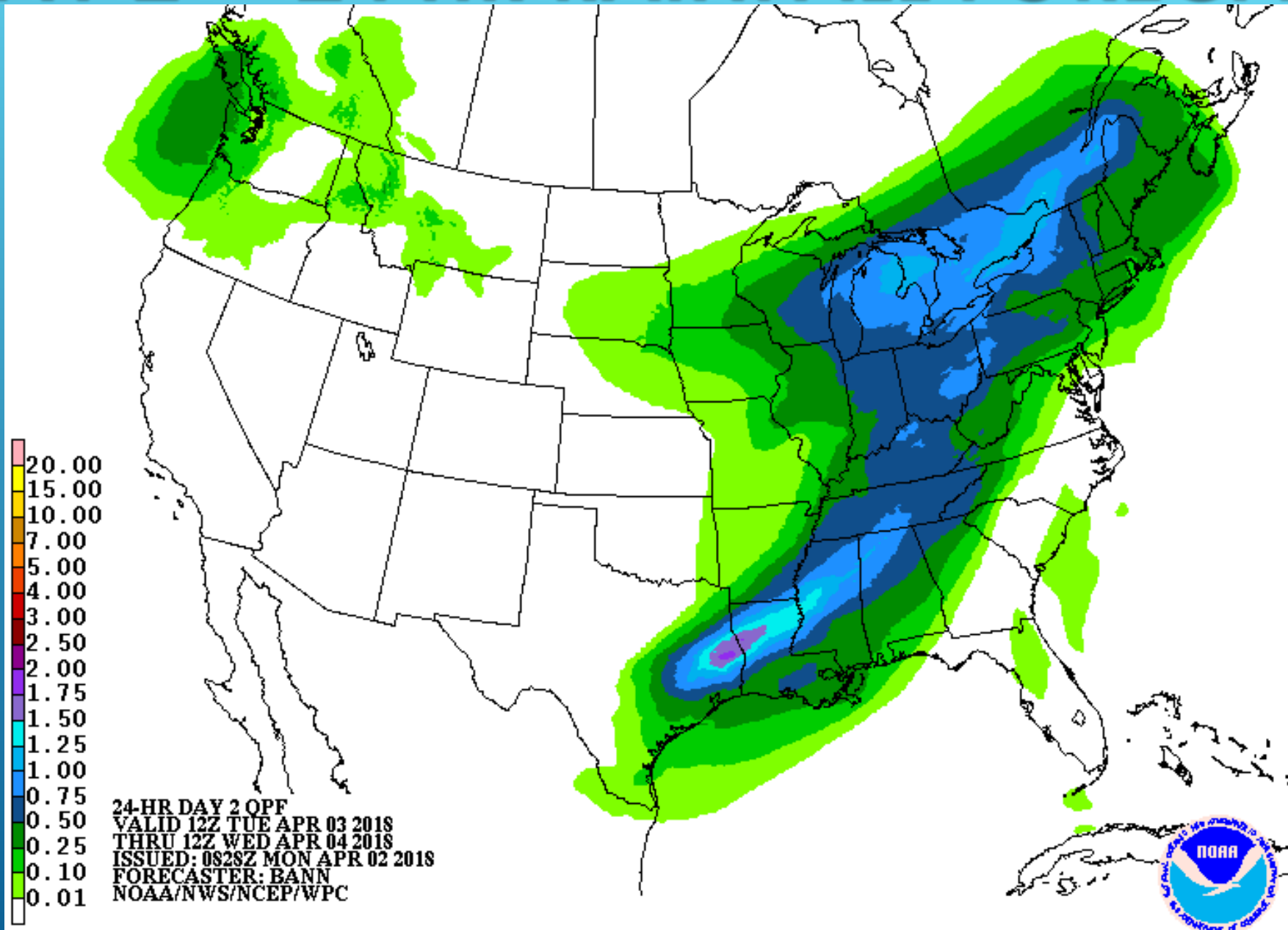
Data Valid:
2018/04/02 16:00 UTC



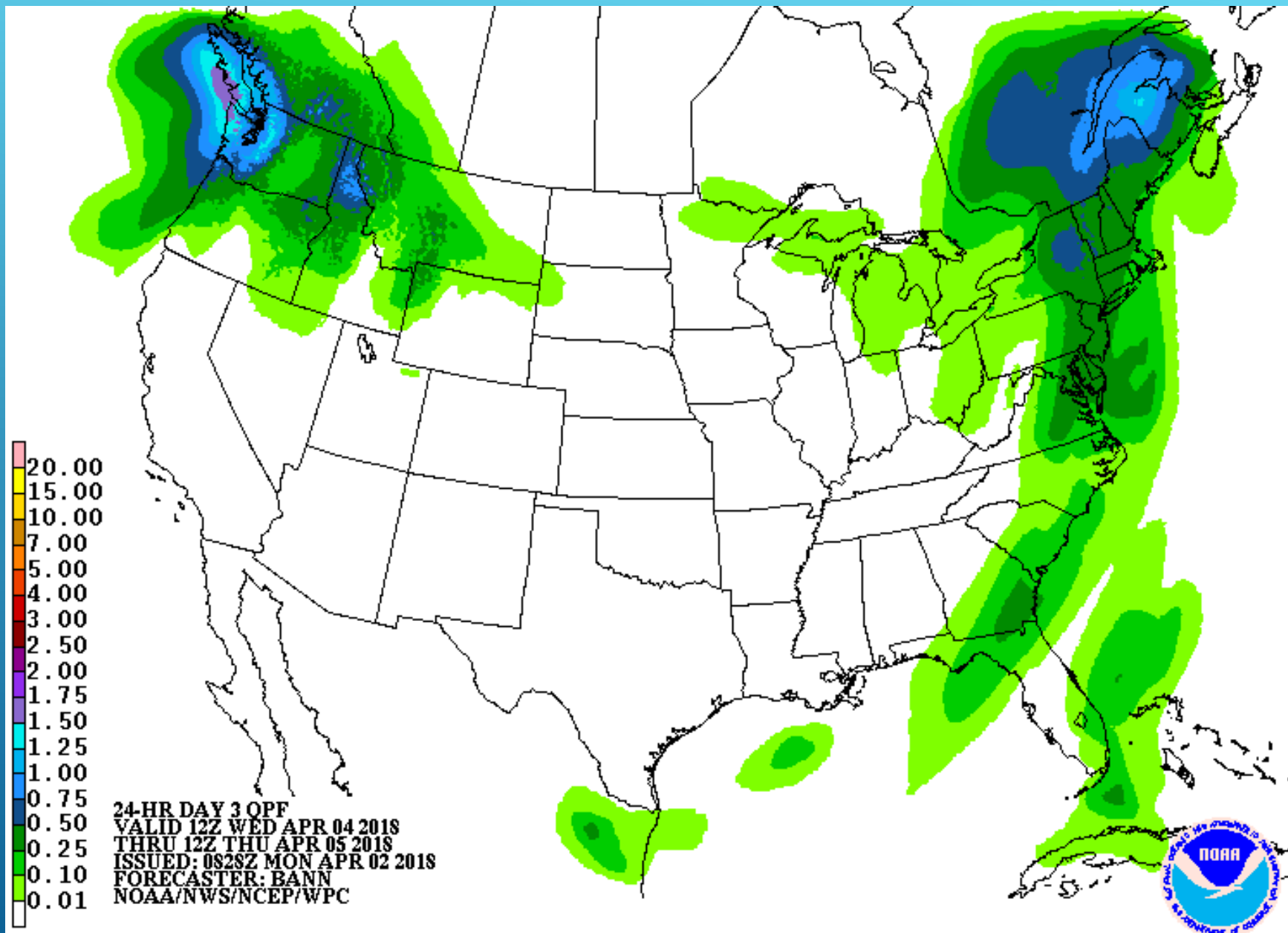
DAY 1 - 24 HR RAINFALL FORECAST



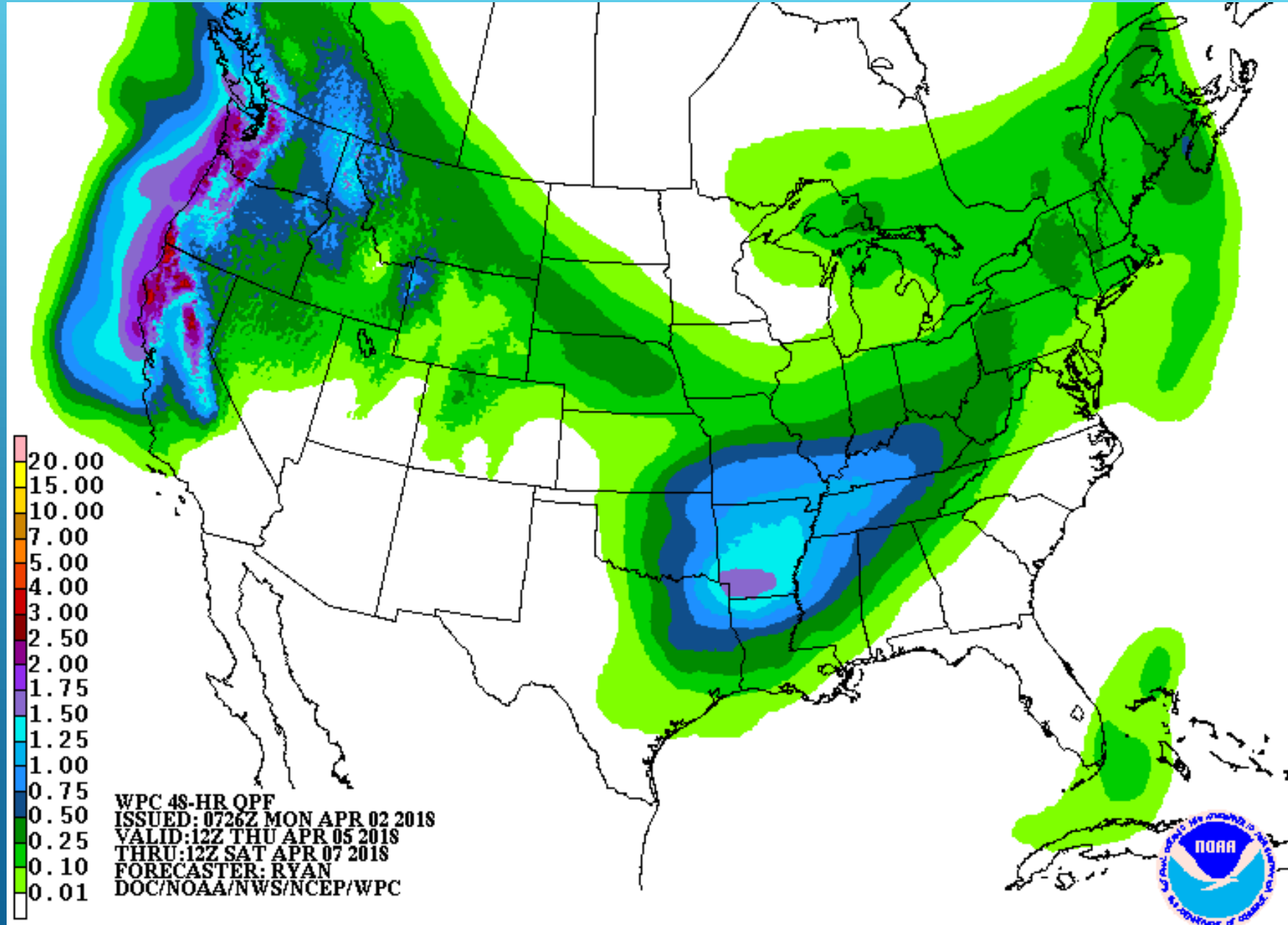
DAY 2 – 24 HR RAINFALL FORECAST



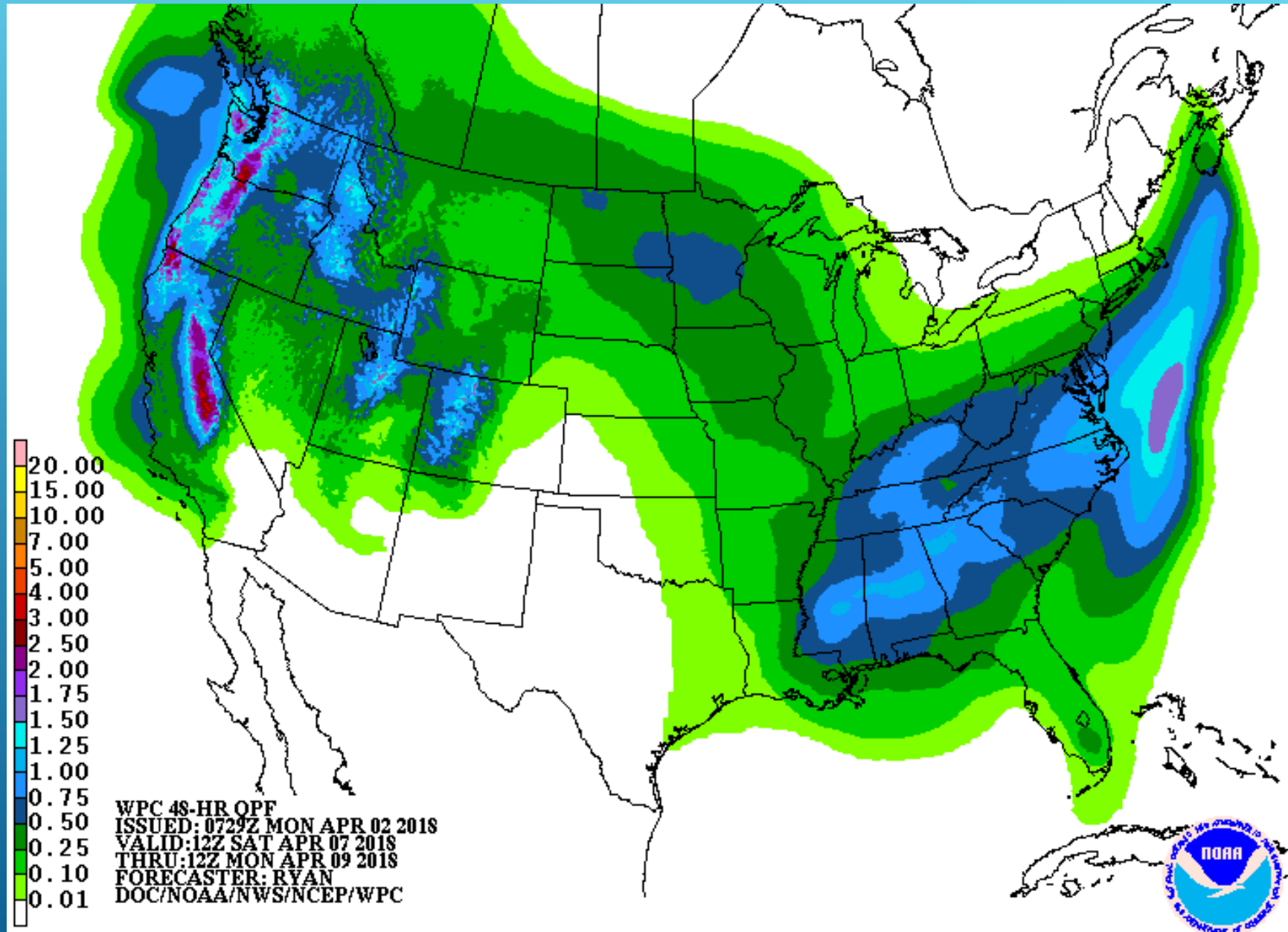
DAY 3 – 24 HR RAINFALL FORECAST



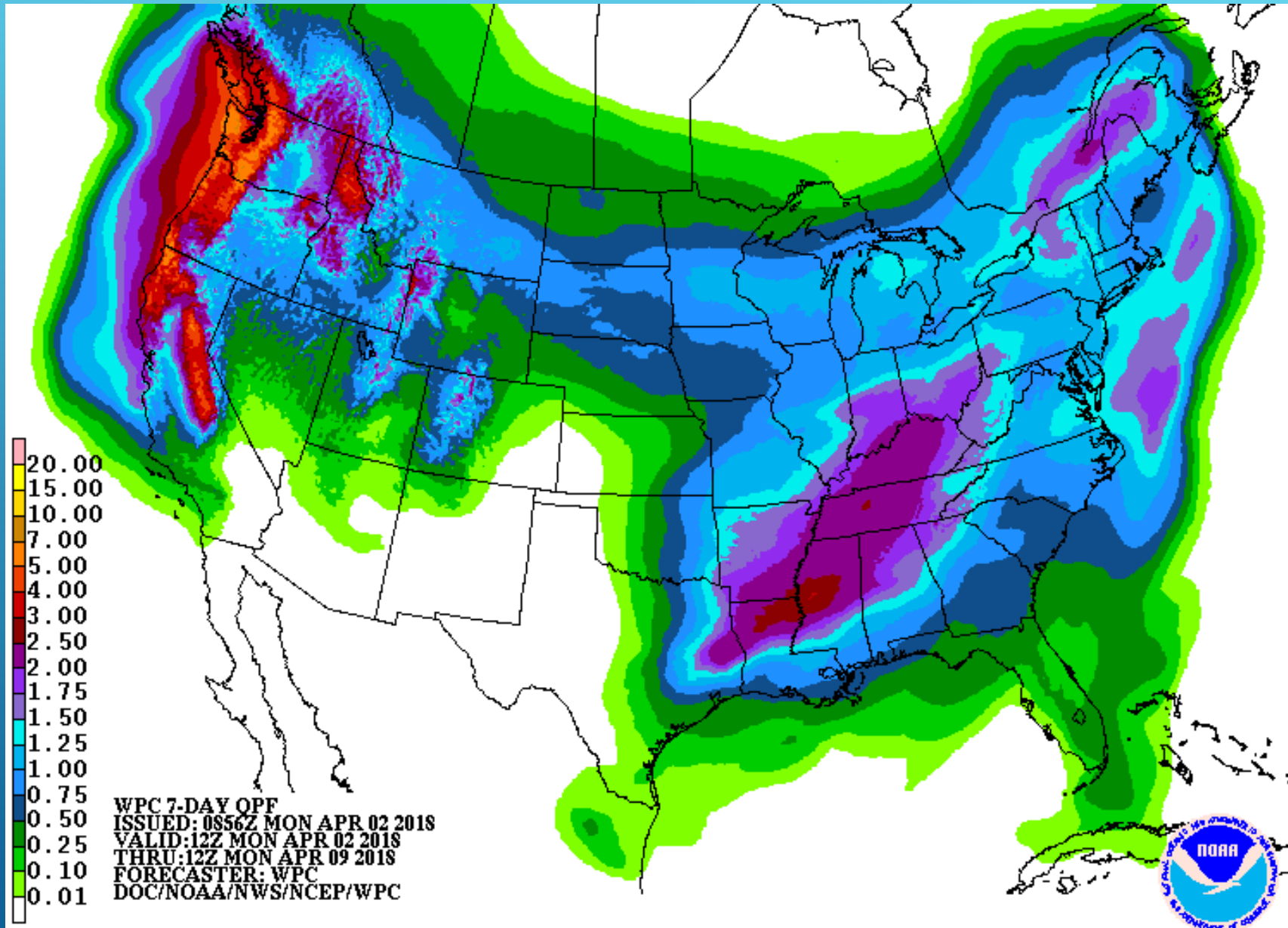
DAY 4-5 48-HR RAINFALL FORECAST



DAY 6-7 48-HR RAINFALL FORECAST



7 DAY TOTAL RAINFALL FORECAST



OFFICIAL LMRFC FORECAST

RIVER FORECAST...LOWER OHIO/MISSISSIPPI RIVER
LOWER MISSISSIPPI RIVER FORECAST CENTER
NATIONAL WEATHER SERVICE SLIDELL LA
1140AM CDT MON APR 02 2018

PROJ FLOW	TDA	D1	D2	D3	D4	D5
BARKLEY DAM	48	40	40	40	40	40
KENTUCKY DAM	64	50	50	50	50	50

RIVER STAGE FORECASTS (A)BV
STATION FS 6AM 24HRF O R E C A S T..... (B)LO
STG CHG 0403 0404 0405 0406 0407 CREST/DATE FS

OHIO RIVER

SMITHLAND TW	40	34.7	+0.6	35.1	35.6	36.3	37.2	37.8	38.5	04/09A
PADUCAH	39	35.6	+0.6	36.0	36.5	37.1	37.8	38.6	39.5	04/09A
BROOKPORT	37	37.9	+0.5	38.0	38.6	39.4	40.5	41.1	41.5	04/09A
GRAND CHAIN	42	44.5	+0.5	44.8	45.0	45.6	46.4	47.0	47.5	04/09A
CAIRO	40	43.5	+0.3	43.8	44.0	44.2	44.4	44.6	45.0	04/09A

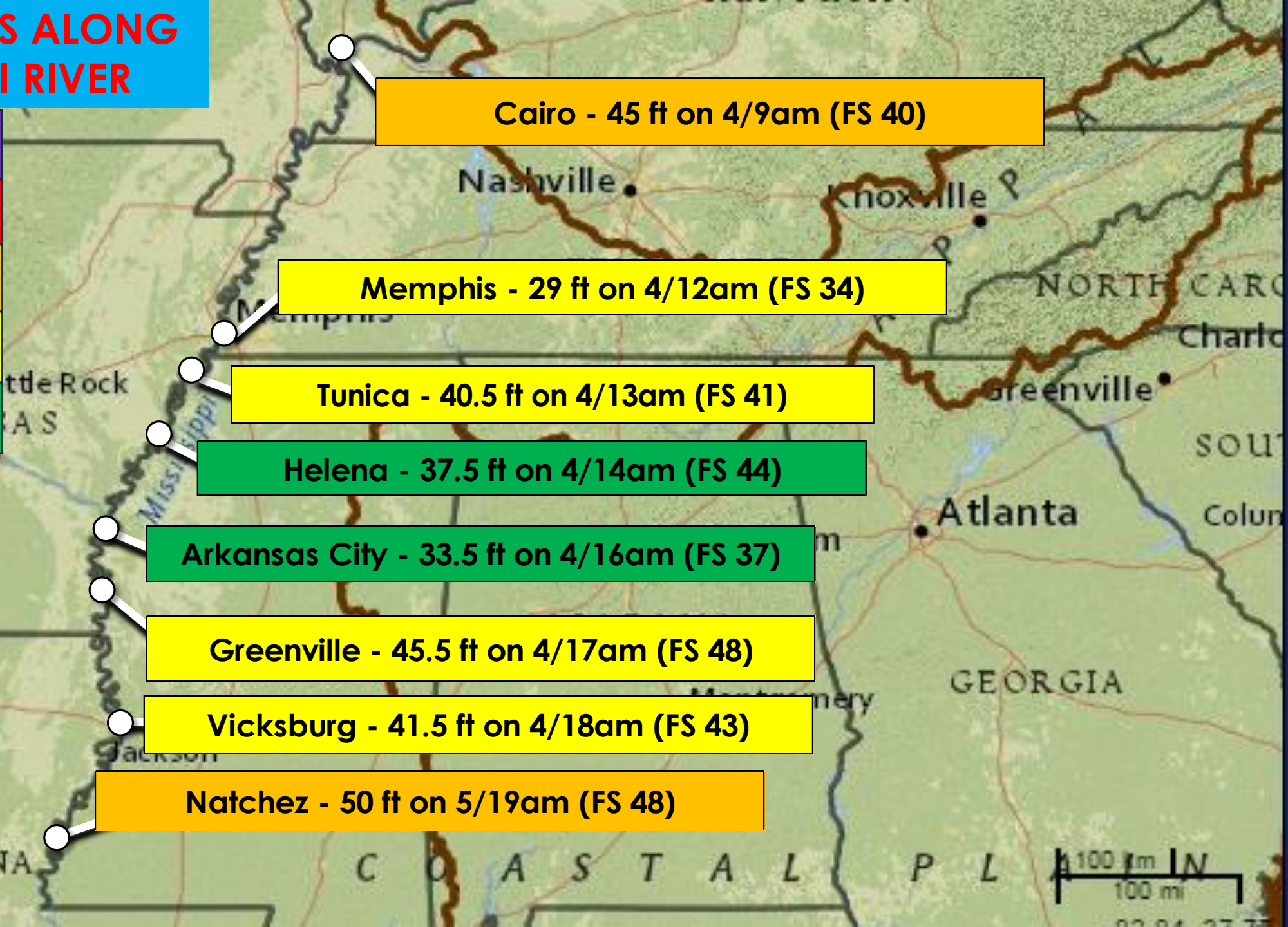
MISSISSIPPI RIVER

CAPE GIRARDEAU	32	30.8	-0.2	30.3	29.1	27.8	27.0	26.4		
THEBES	33	30.4	-0.1	30.0	28.9	27.8	27.1	26.7		
NEW MADRID	34	31.0	+0.4	31.2	31.4	31.7	32.0	32.3	33.0	04/10A
TIPTONVILLE	37	33.2	+0.5	33.4	33.6	33.8	34.0	34.3	35.0	04/10A
CARUTHERSVILLE	32	30.6	+0.5	30.8	31.1	31.2	31.5	31.9	33.0	04/11A
OSCEOLA	28	26.0	+1.0	26.5	26.8	27.1	27.3	27.6	29.0	04/11A
MEMPHIS	34	25.6	+1.2	26.3	26.7	27.0	27.3	27.6	29.0	04/12A
TUNICA	41	36.7	+1.5	37.5	38.0	38.5	38.8	39.0		
HELENA	44	33.4	+1.6	34.3	34.7	35.2	35.6	36.0		
ARKANSAS CITY	37	30.3	+0.5	30.9	31.5	32.0	32.4	32.6		
GREENVILLE	48	42.2	+0.5	42.8	43.3	43.6	44.0	44.3		
VICKSBURG	43	40.6	+0.2	40.5	40.6	40.7	40.8	40.8		
NATCHEZ	48	49.5	-0.2	49.2	49.2	49.3	49.3	49.3		
RED RIVER LNDG	48	54.0	-0.6	53.5	53.0	53.0	53.0	53.0		
BATON ROUGE	35	36.8	-0.6	36.4	35.8	35.5	35.4	35.3		
DONALDSONVILLE	27	26.5	-0.6	26.0	25.6	25.1	25.0	25.0		
RESERVE	22	20.5	-0.5	20.1	19.6	19.2	18.8	18.8		
NEW ORLEANS	/17/	14.6	-0.3	14.2	13.9	13.5	13.2	13.2		

/ /LEVEES PROTECT CITY OF NEW ORLEANS TO 20 FT STAGE.

ALL STAGE FORECASTS INCLUDE 48 HOURS OF FUTURE RAINFALL.
END LMRFC

FORECAST CRESTS ALONG THE MISSISSIPPI RIVER



MISSISSIPPI RIVER FLOOD 2018 FLOODING EXPECTED IN THE BACKWATER REGIONS

- Major Flood
- Moderate Flood
- Minor Flood
- Above Action Stage
- No Flooding Occurring
- No Official Flood Stage

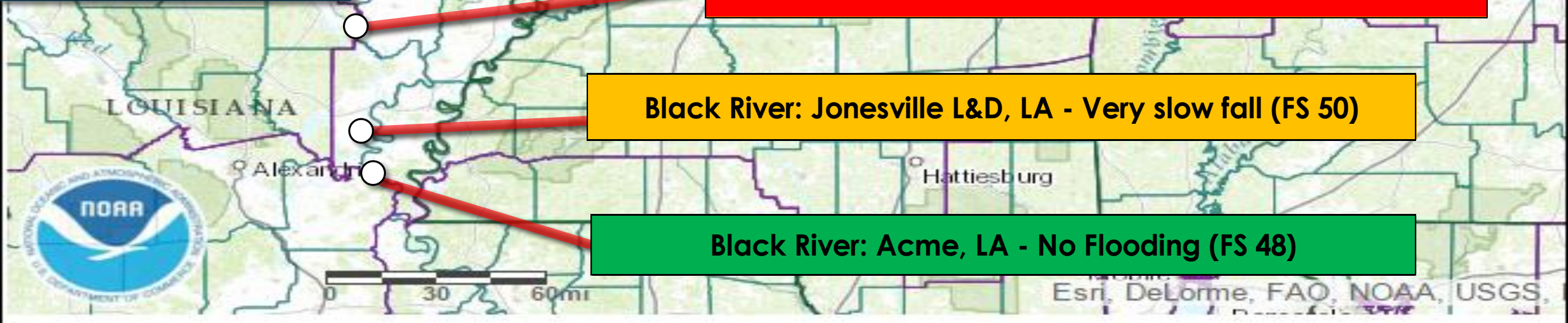
Wolf Lake - Stage 96.5 ft : Slow fall

Yazoo River: Yazoo City - Slow fall (FS 29)

Boeuf River: Fort Necessity, LA - Cresting (FS 50)

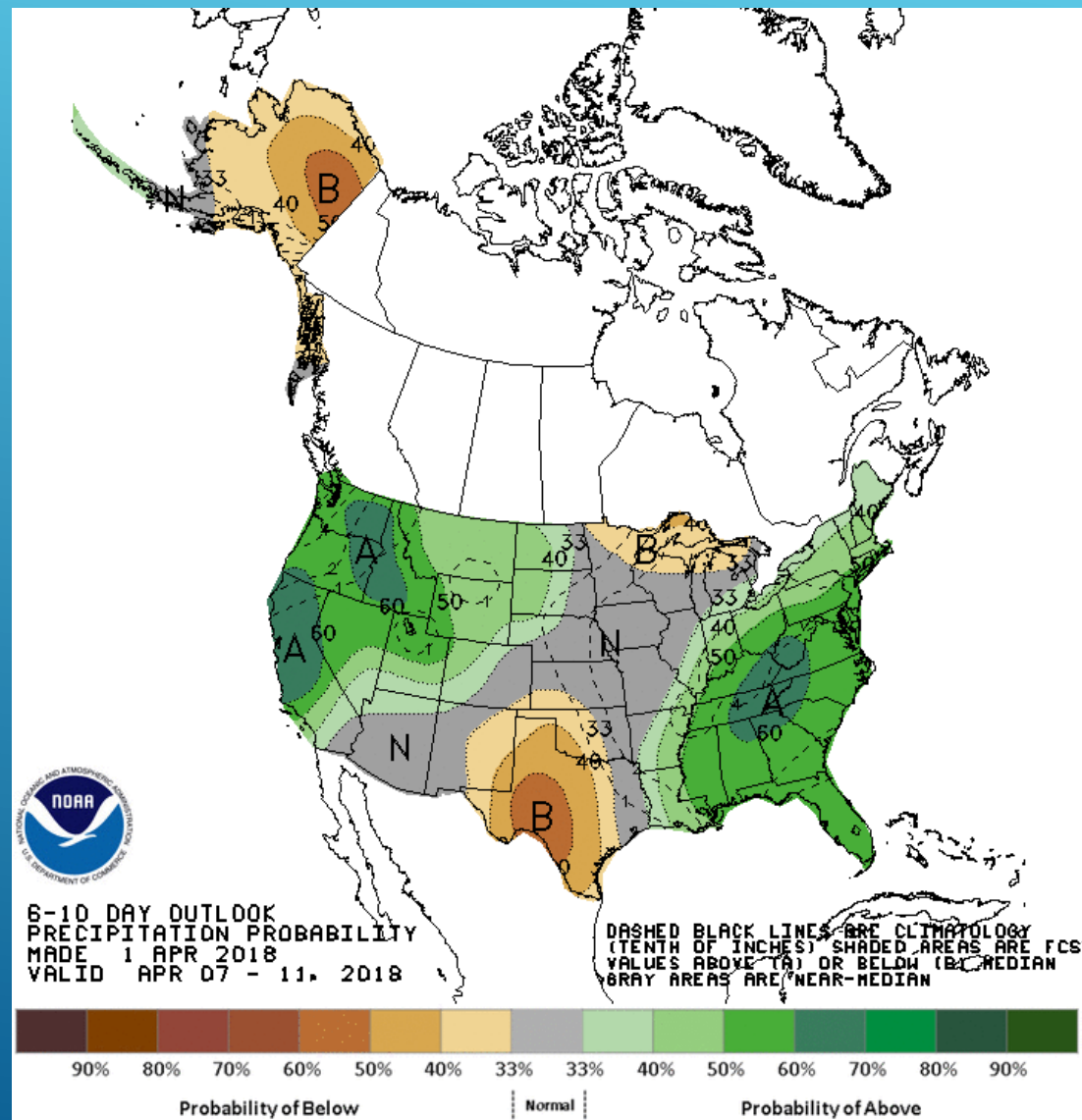
Black River: Jonesville L&D, LA - Very slow fall (FS 50)

Black River: Acme, LA - No Flooding (FS 48)



CLIMATE PREDICTION CENTER

6-10 DAY RAINFALL OUTLOOK



CLIMATE PREDICTION CENTER

8-14 DAY RAINFALL OUTLOOK

