

### IR BT & Lightning

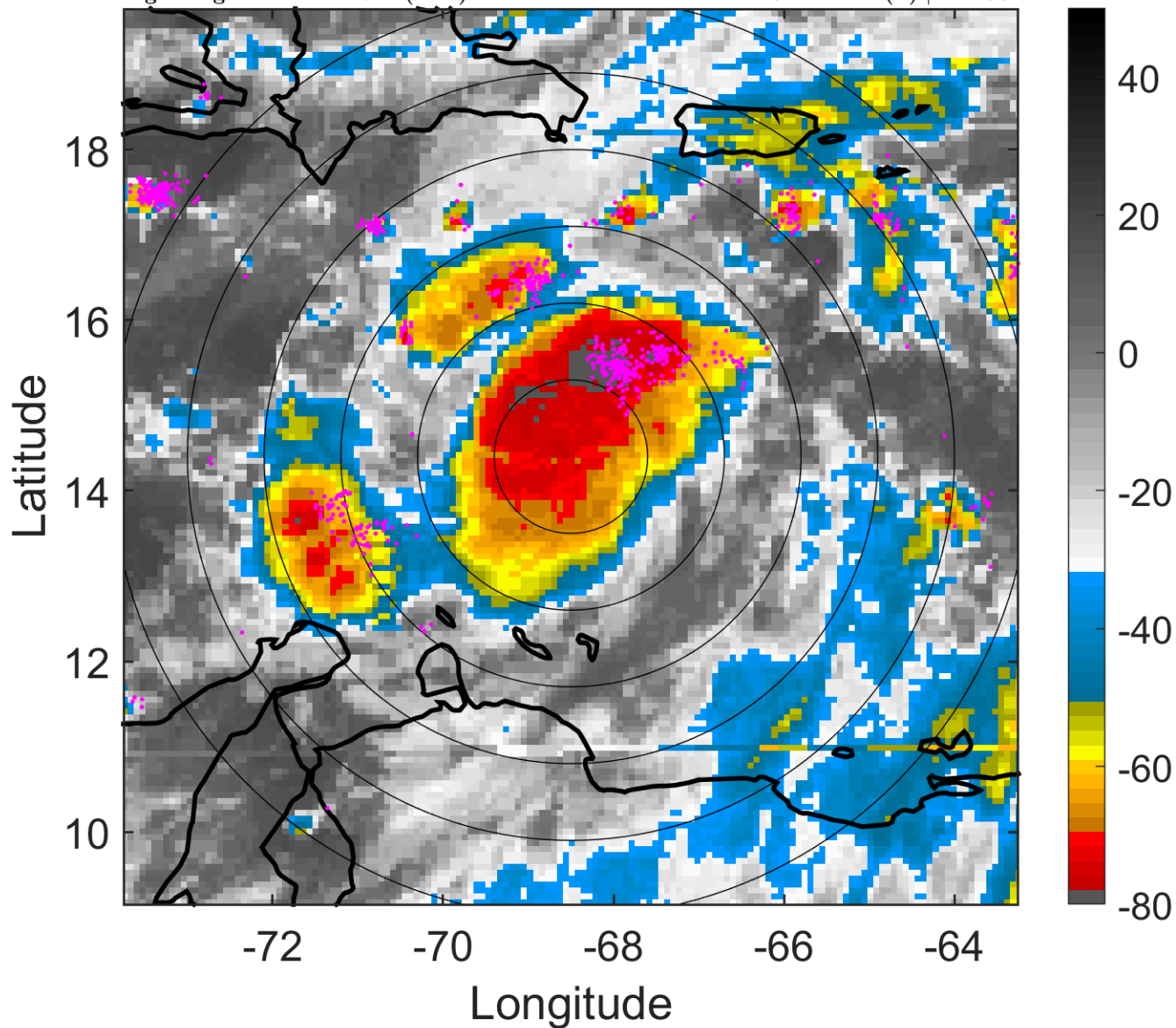
t: 2008082506 (1.4 LT)

Lightning: 1.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 30 kt TD

S: 4 m s<sup>-1</sup> (L) | H: 199°



### 6-h IR BT Differences & Lightning

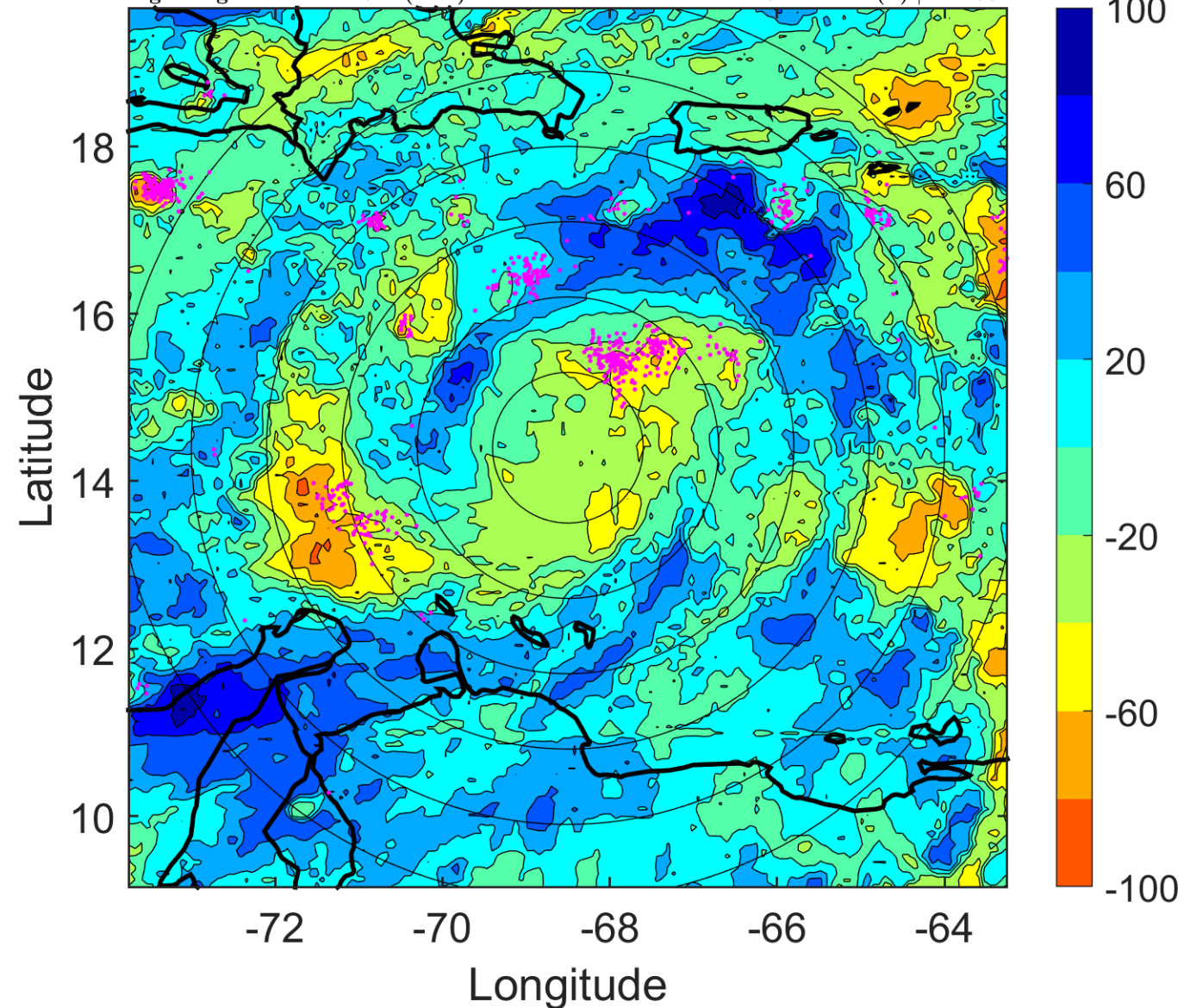
$\Delta$ t: 2008082506 (1.4 LT) - 2008082500 (19.5 LT)

Lightning: 1.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 30 kt TD

S: 4 m s<sup>-1</sup> (L) | H: 199°



### IR BT & Lightning

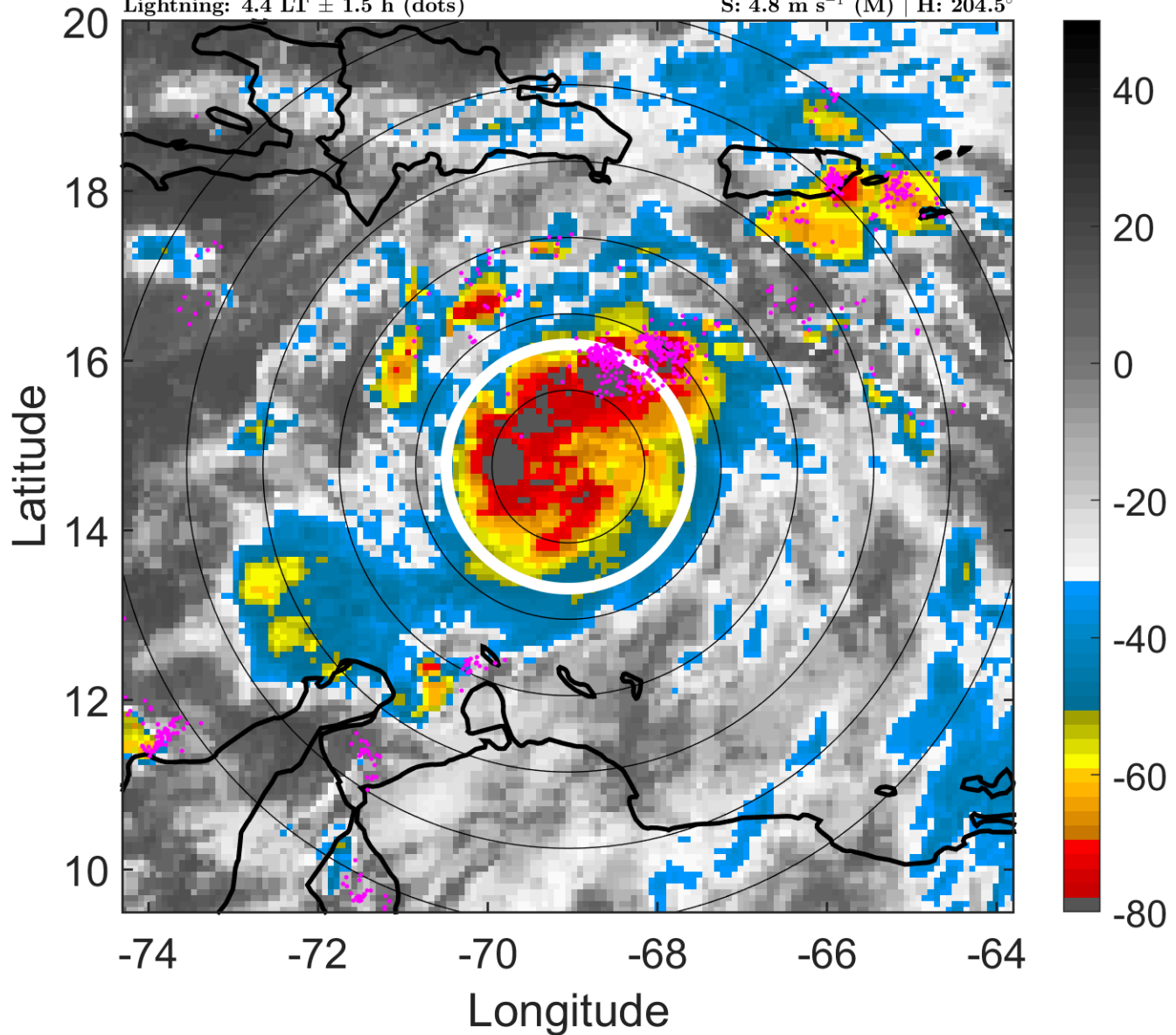
t: 2008082509 (4.4 LT)

Lightning: 4.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 32.5 kt TD

S: 4.8 m s<sup>-1</sup> (M) | H: 204.5°



### 6-h IR BT Differences & Lightning

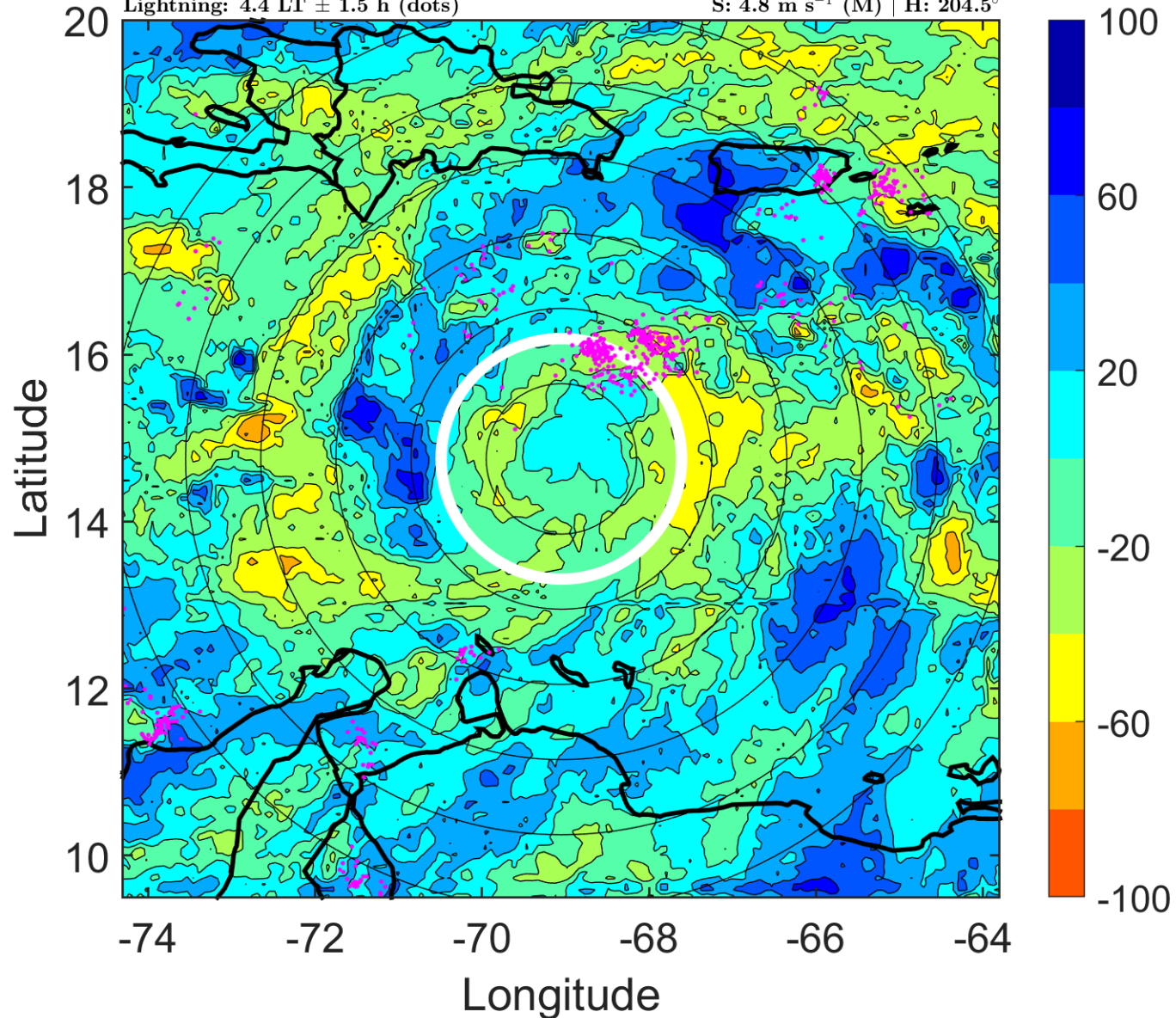
$\Delta$ t: 2008082509 (4.4 LT) - 2008082503 (22.5 LT)

Lightning: 4.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 32.5 kt TD

S: 4.8 m s<sup>-1</sup> (M) | H: 204.5°





### IR BT & Lightning

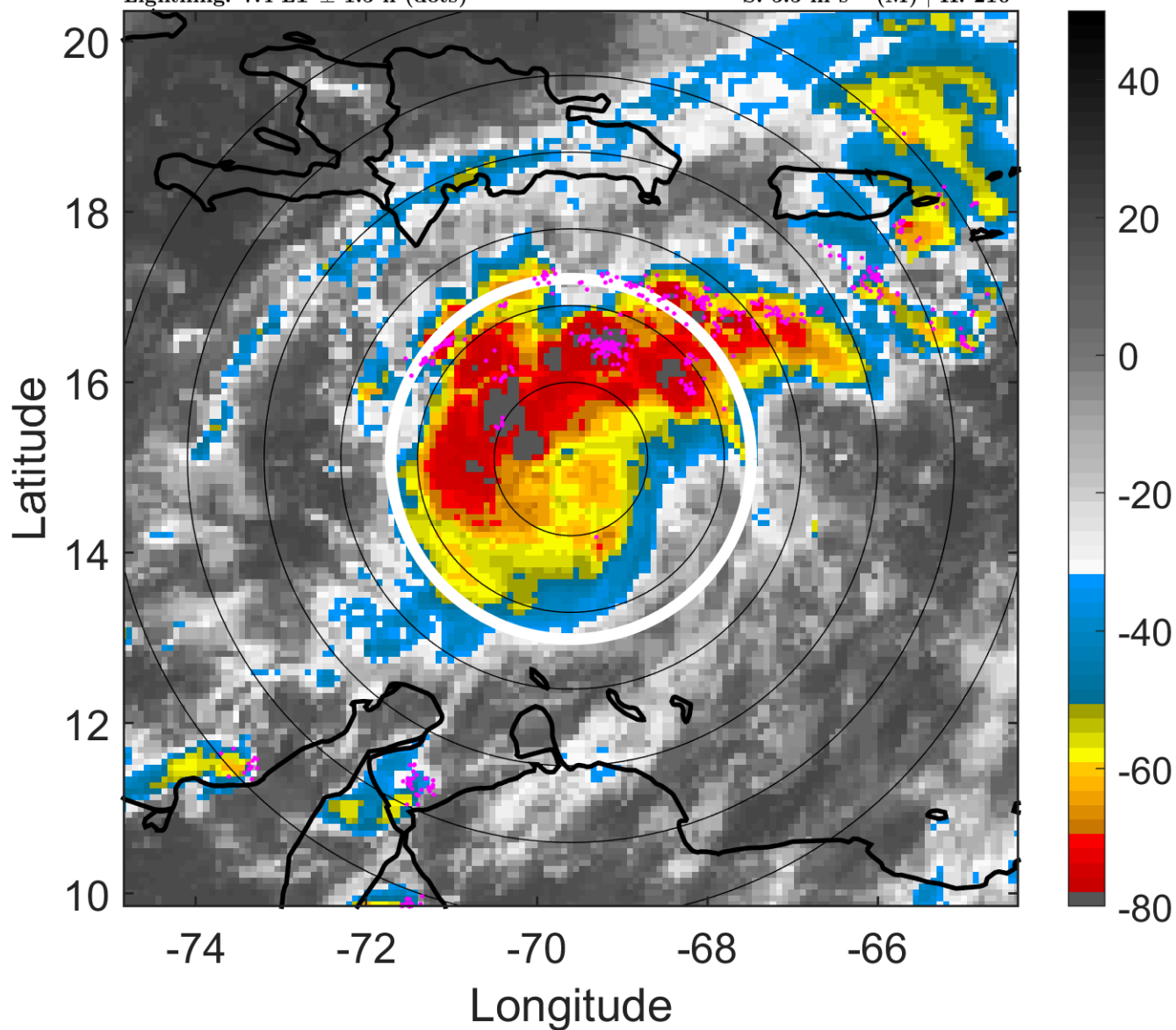
t: 2008082512 (7.4 LT)

Lightning: 7.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 35 kt TS

S: 5.5 m s<sup>-1</sup> (M) | H: 210°



### 6-h IR BT Differences & Lightning

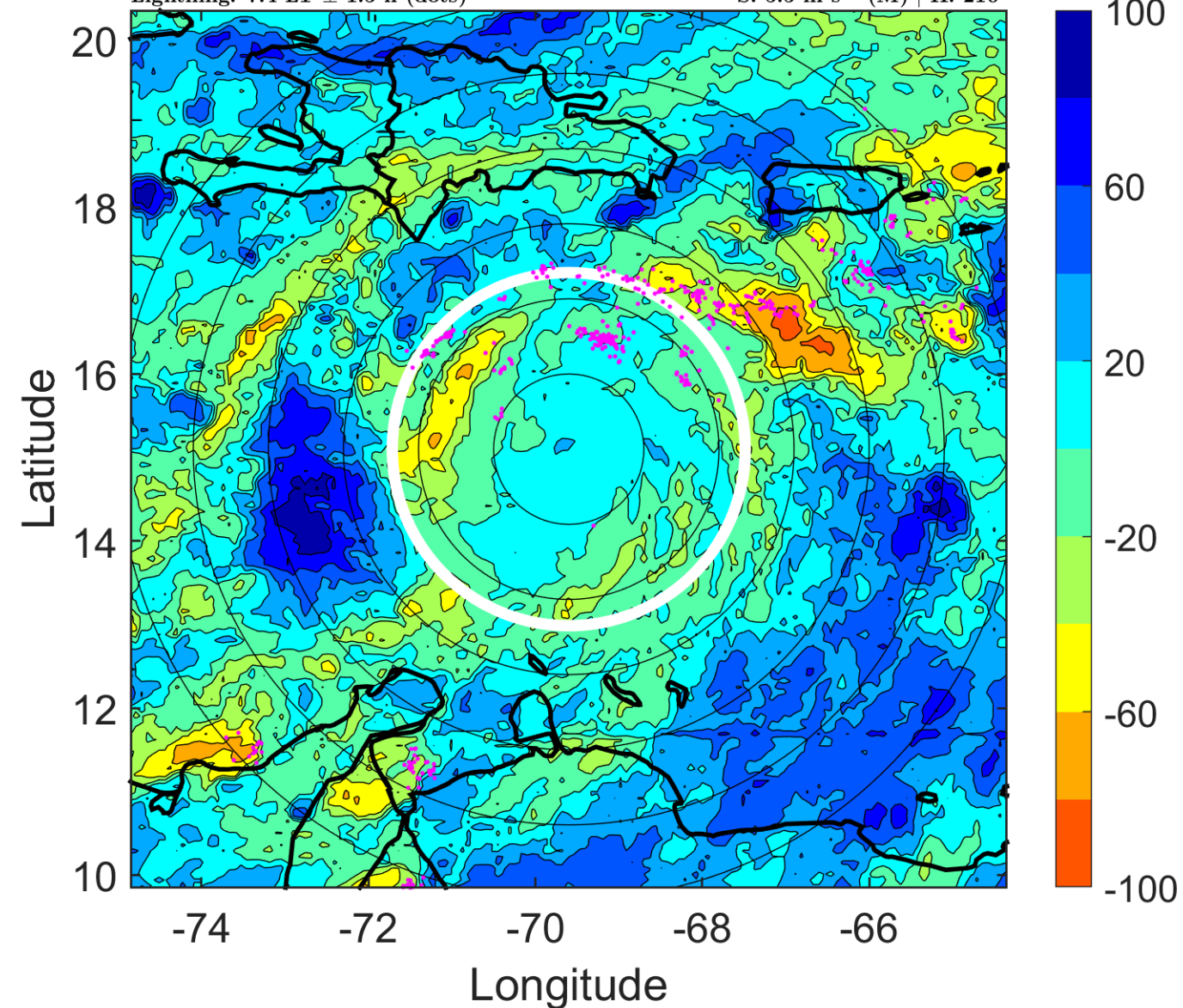
$\Delta$ t: 2008082512 (7.4 LT) - 2008082506 (1.4 LT)

Lightning: 7.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 35 kt TS

S: 5.5 m s<sup>-1</sup> (M) | H: 210°



### IR BT & Lightning

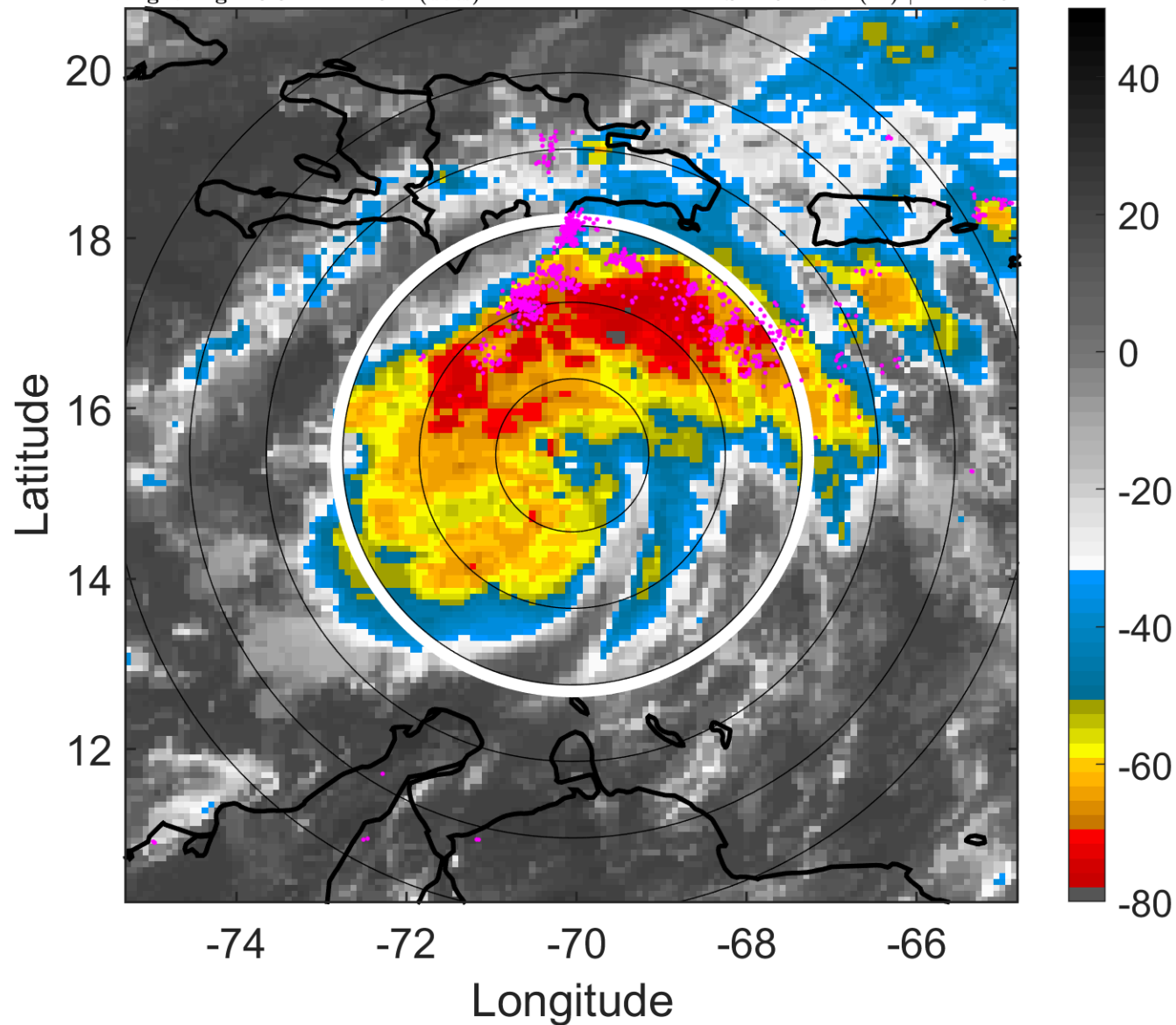
t: 2008082515 (10.3 LT)

Lightning: 10.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 42.5 kt TS

S: 4.6 m s<sup>-1</sup> (M) | H: 216.5°



### 6-h IR BT Differences & Lightning

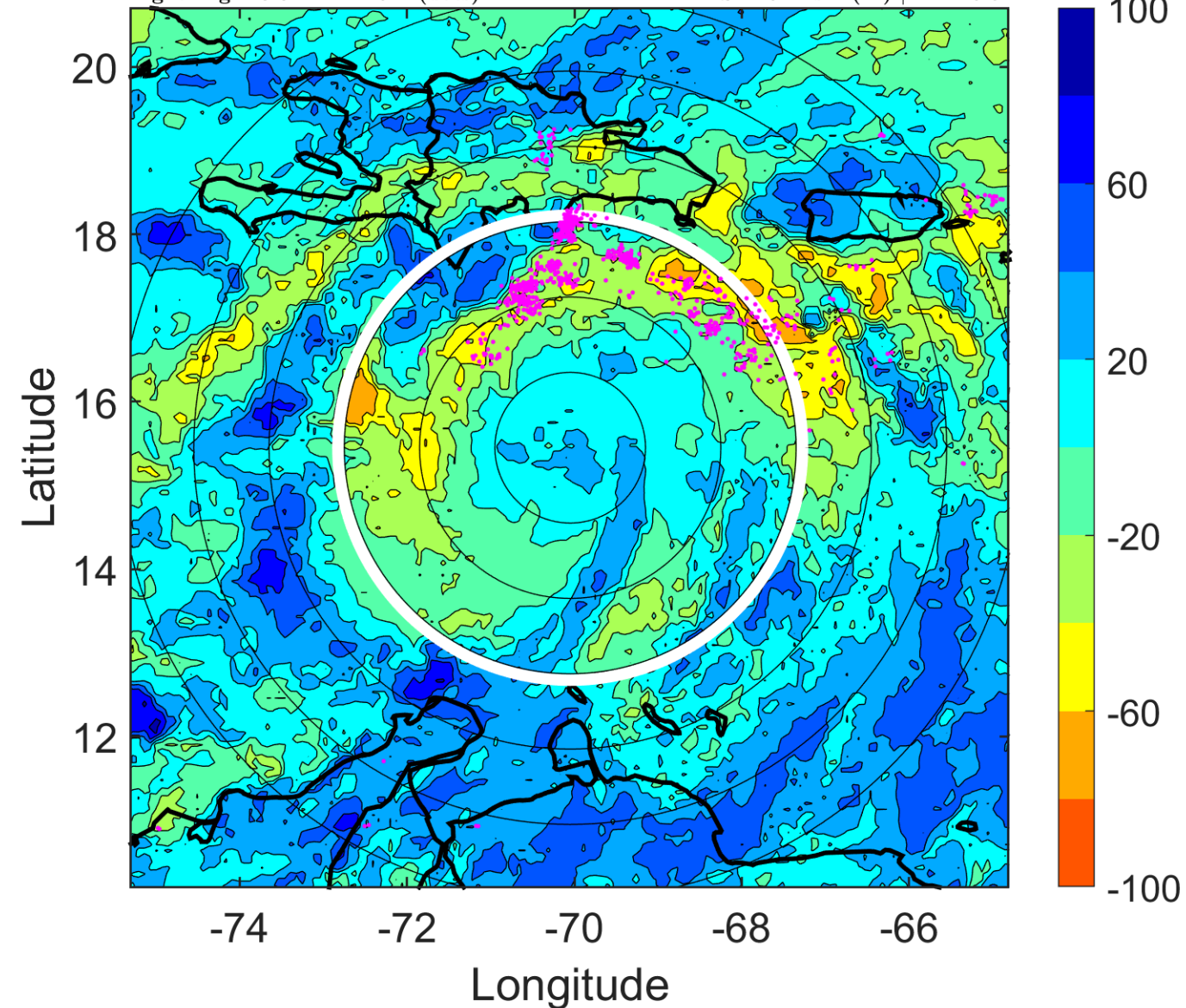
$\Delta$ t: 2008082515 (10.3 LT) - 2008082509 (4.4 LT)

Lightning: 10.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 42.5 kt TS

S: 4.6 m s<sup>-1</sup> (M) | H: 216.5°





### IR BT & Lightning

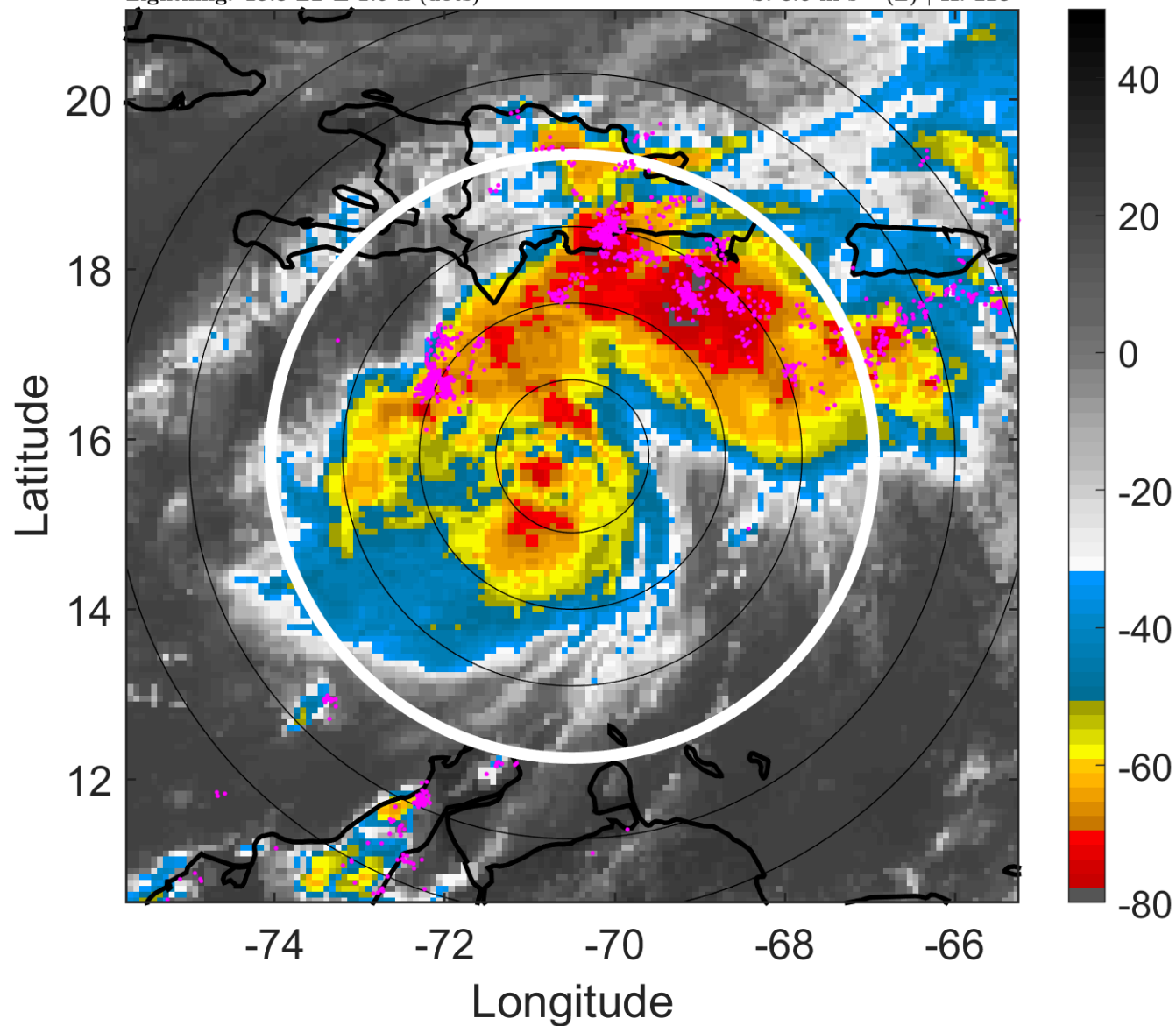
t: 2008082518 (13.3 LT)

Lightning: 13.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 50 kt TS

S: 3.6 m s<sup>-1</sup> (L) | H: 223°



### 6-h IR BT Differences & Lightning

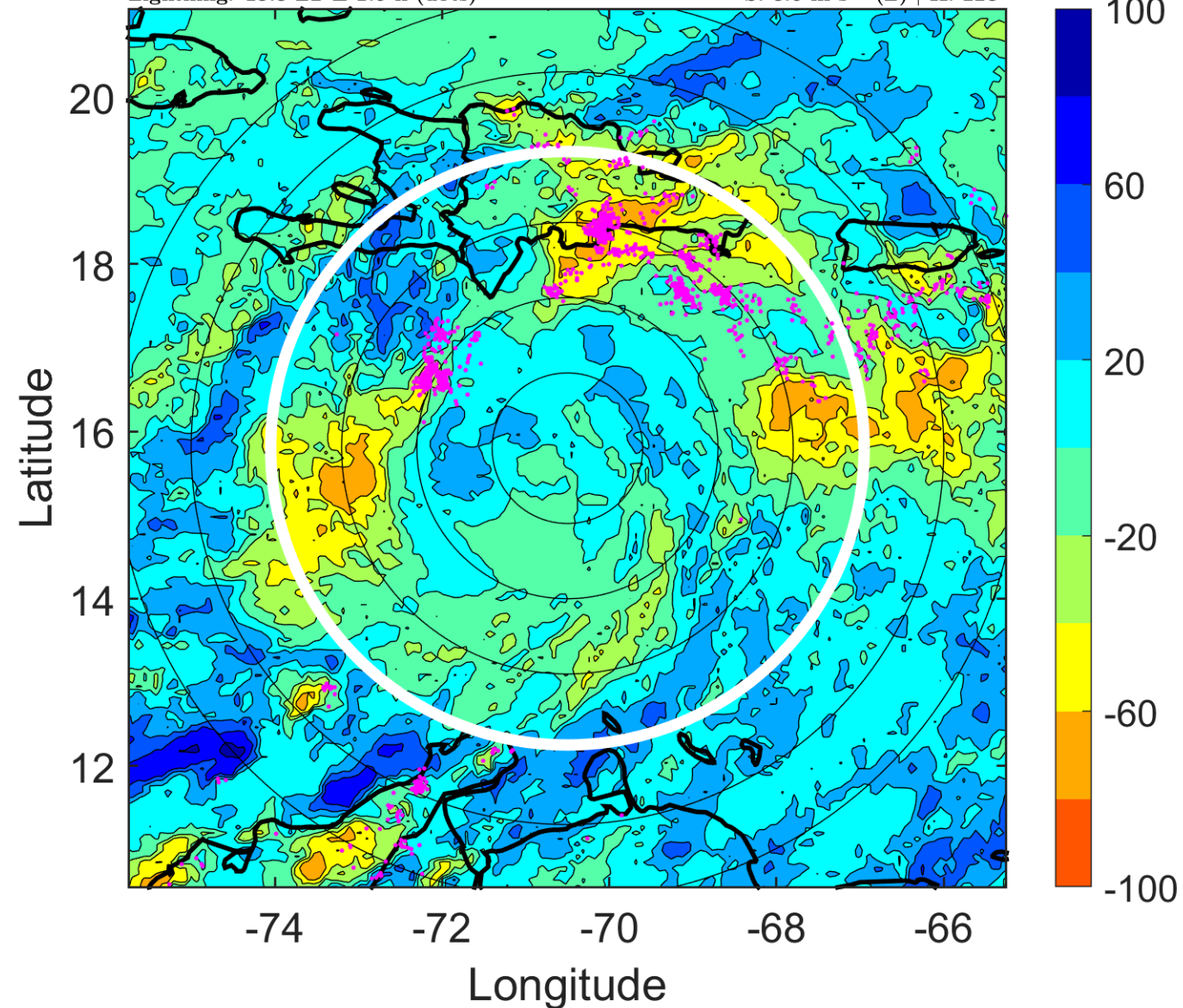
$\Delta$ t: 2008082518 (13.3 LT) - 2008082512 (7.4 LT)

Lightning: 13.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 50 kt TS

S: 3.6 m s<sup>-1</sup> (L) | H: 223°



### IR BT & Lightning

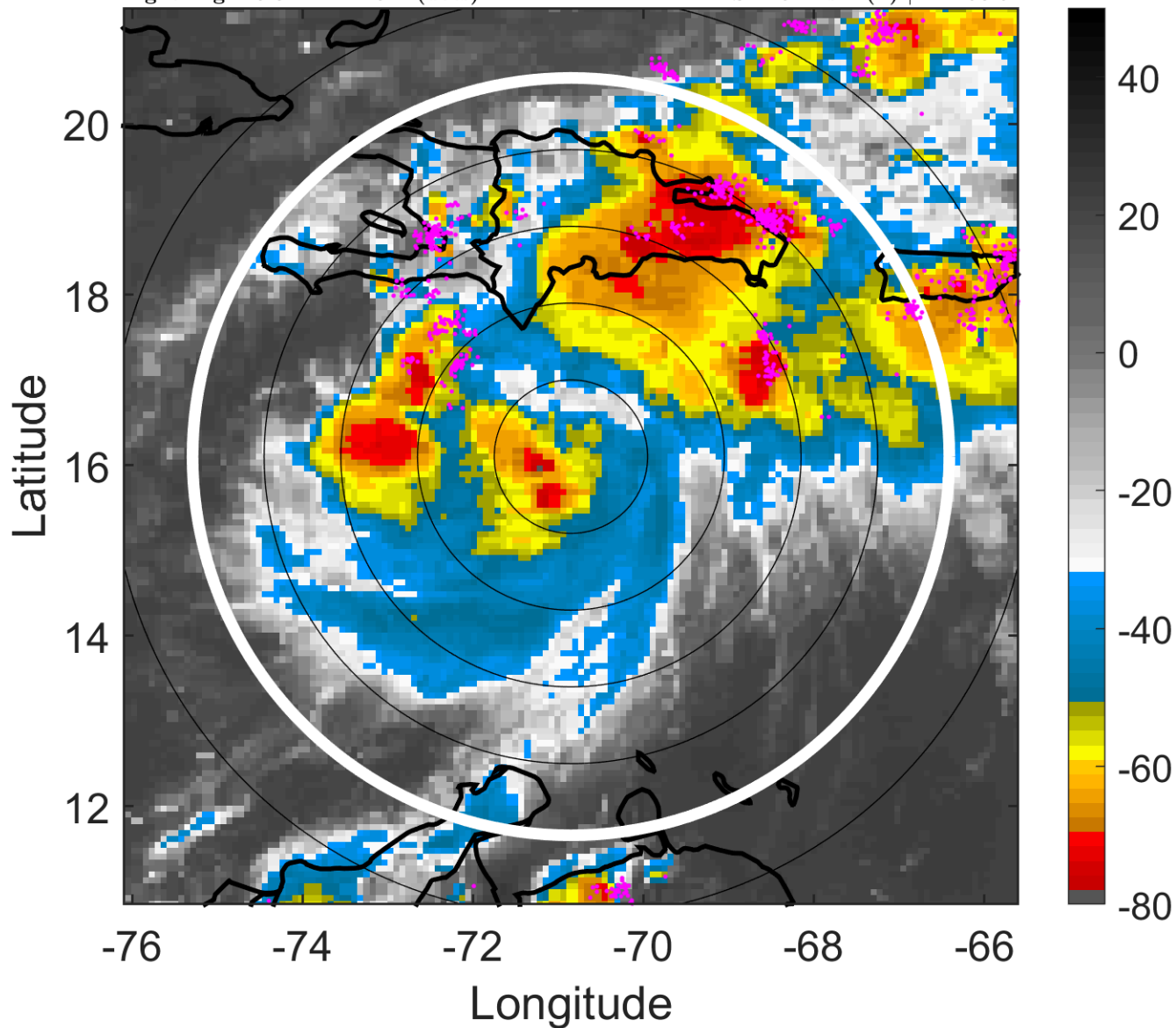
t: 2008082521 (16.3 LT)

Lightning: 16.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 55 kt TS

S: 2.5 m s<sup>-1</sup> (L) | H: 190.5°



### 6-h IR BT Differences & Lightning

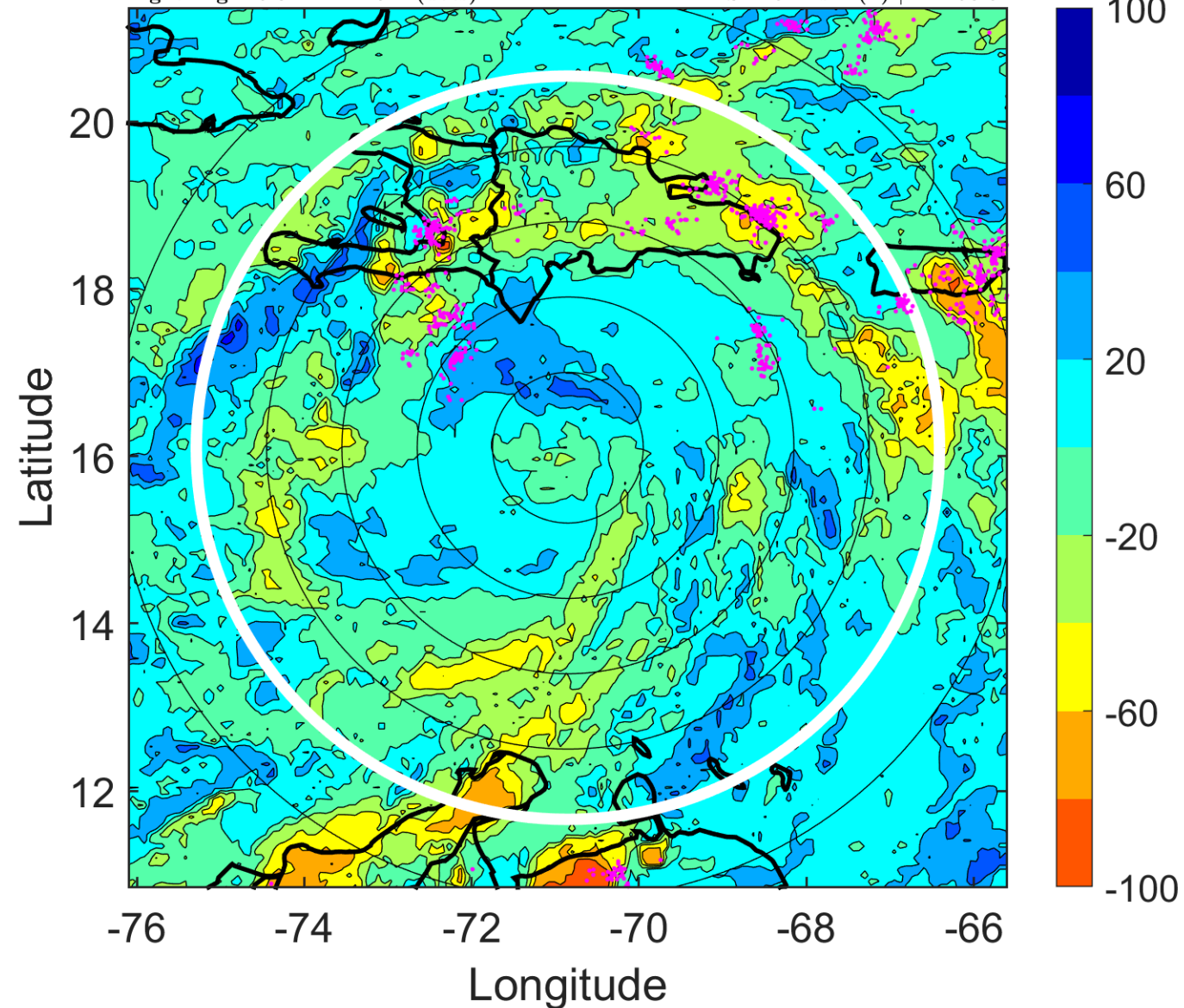
$\Delta$ t: 2008082521 (16.3 LT) - 2008082515 (10.3 LT)

Lightning: 16.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 55 kt TS

S: 2.5 m s<sup>-1</sup> (L) | H: 190.5°





### IR BT & Lightning

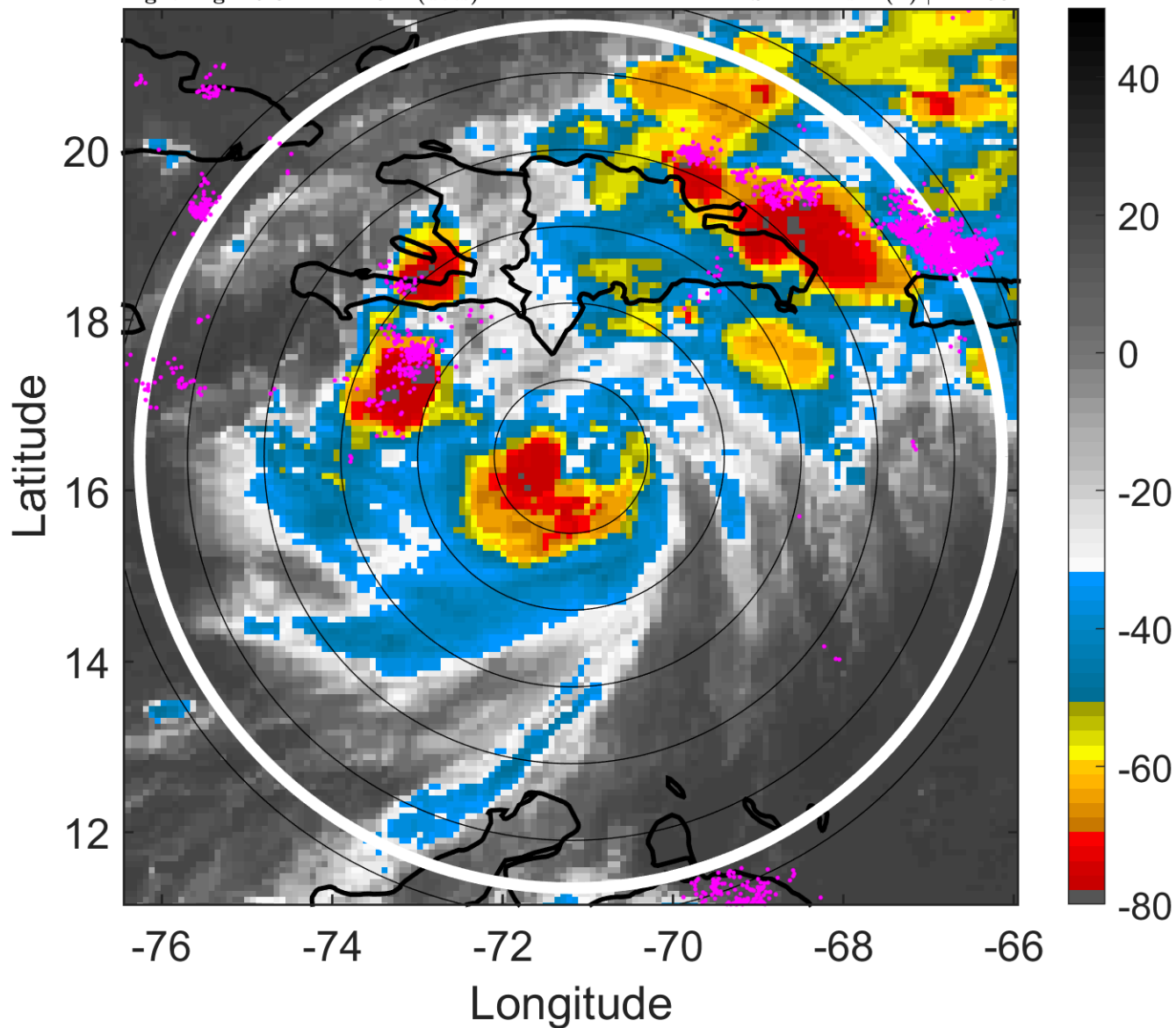
t: 2008082600 (19.3 LT)

Lightning: 19.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 1.4 m s<sup>-1</sup> (L) | H: 158°



### 6-h IR BT Differences & Lightning

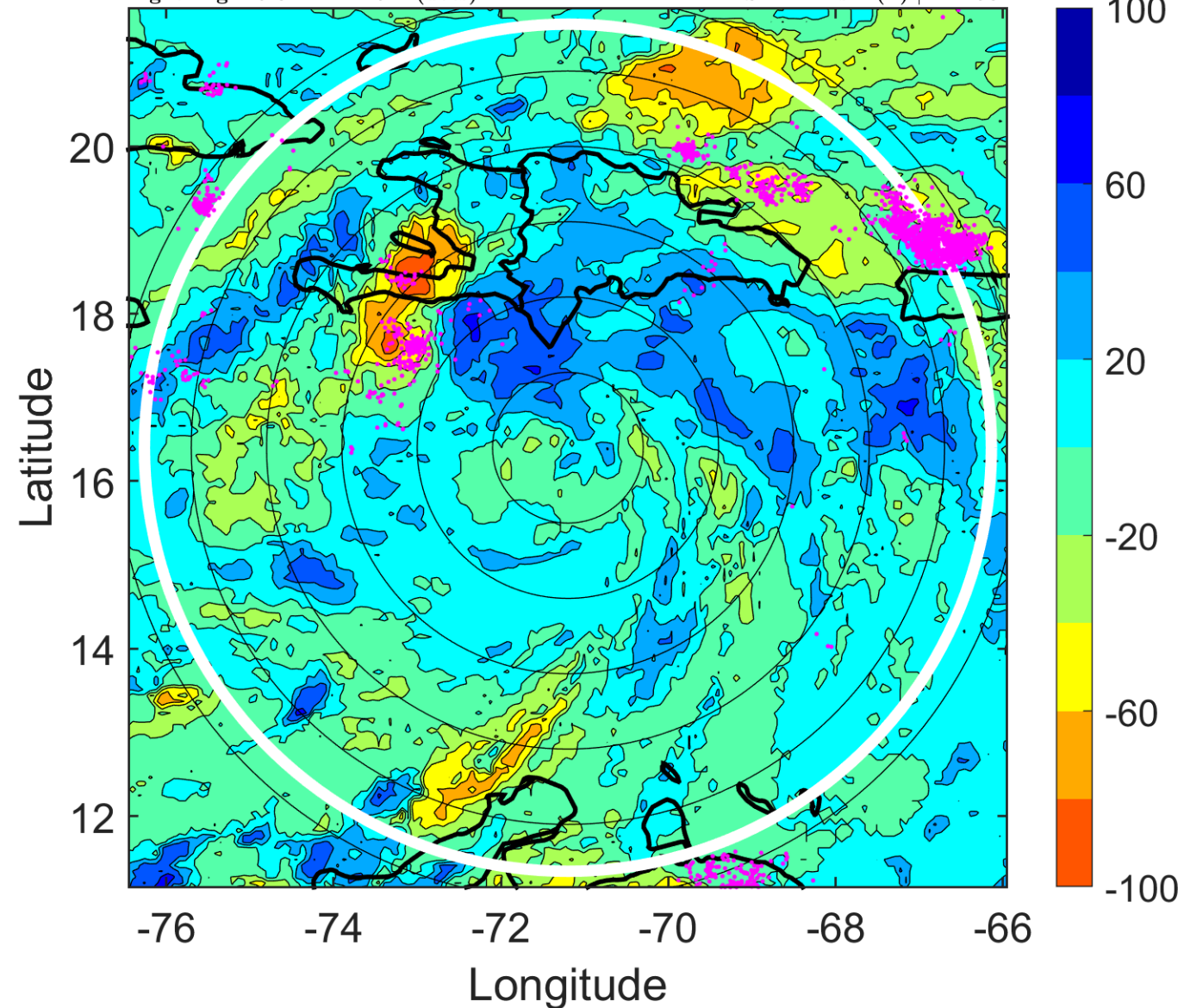
$\Delta$ t: 2008082600 (19.3 LT) - 2008082518 (13.3 LT)

Lightning: 19.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 1.4 m s<sup>-1</sup> (L) | H: 158°



### IR BT & Lightning

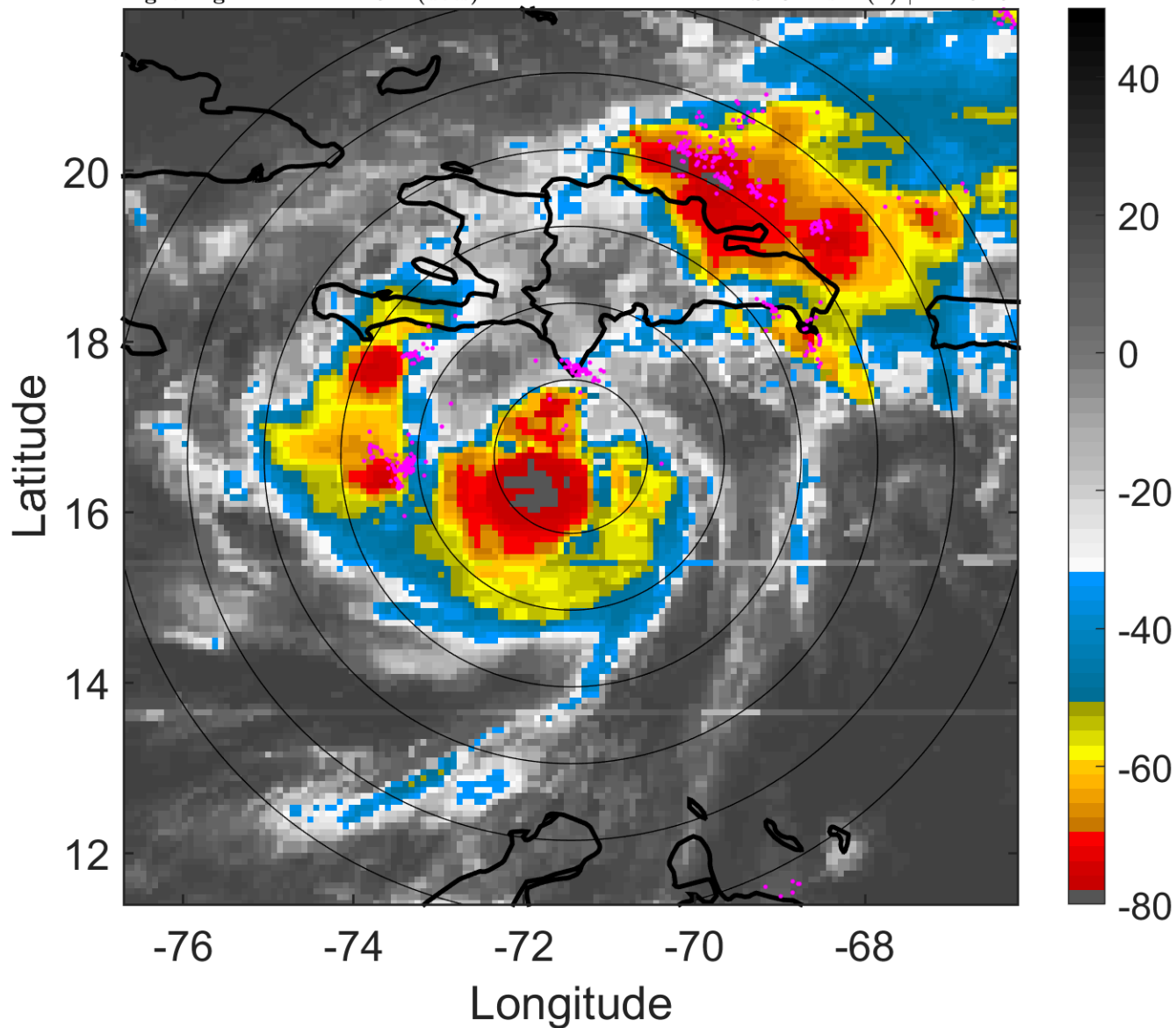
t: 2008082603 (22.2 LT)

Lightning: 22.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 67.5 kt C1

S: 3 m s<sup>-1</sup> (L) | H: 162.5°



### 6-h IR BT Differences & Lightning

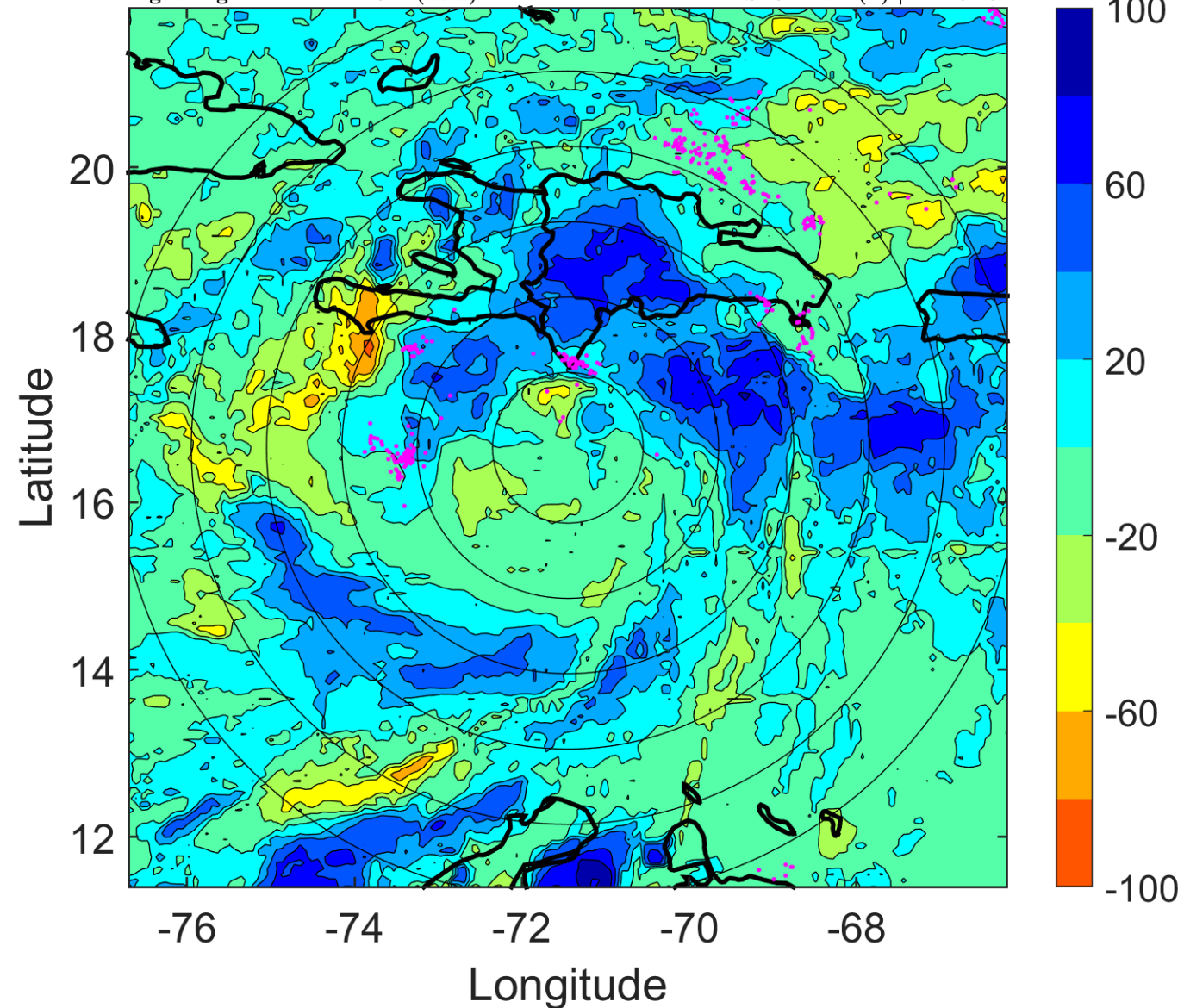
$\Delta$ t: 2008082603 (22.2 LT) - 2008082521 (16.3 LT)

Lightning: 22.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 67.5 kt C1

S: 3 m s<sup>-1</sup> (L) | H: 162.5°





### IR BT & Lightning

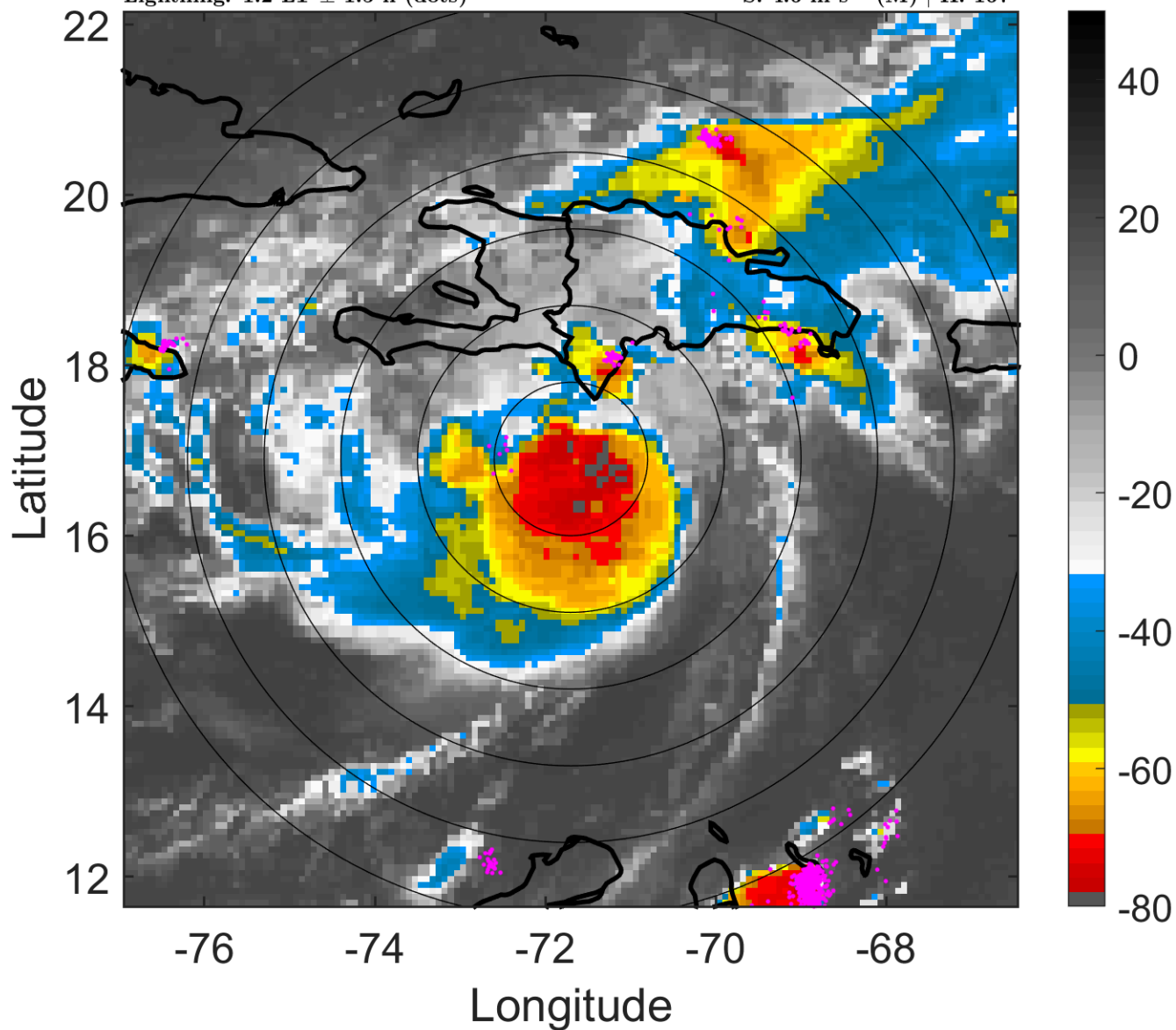
t: 2008082606 (1.2 LT)

Lightning: 1.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 75 kt C1

S: 4.6 m s<sup>-1</sup> (M) | H: 167°



### 6-h IR BT Differences & Lightning

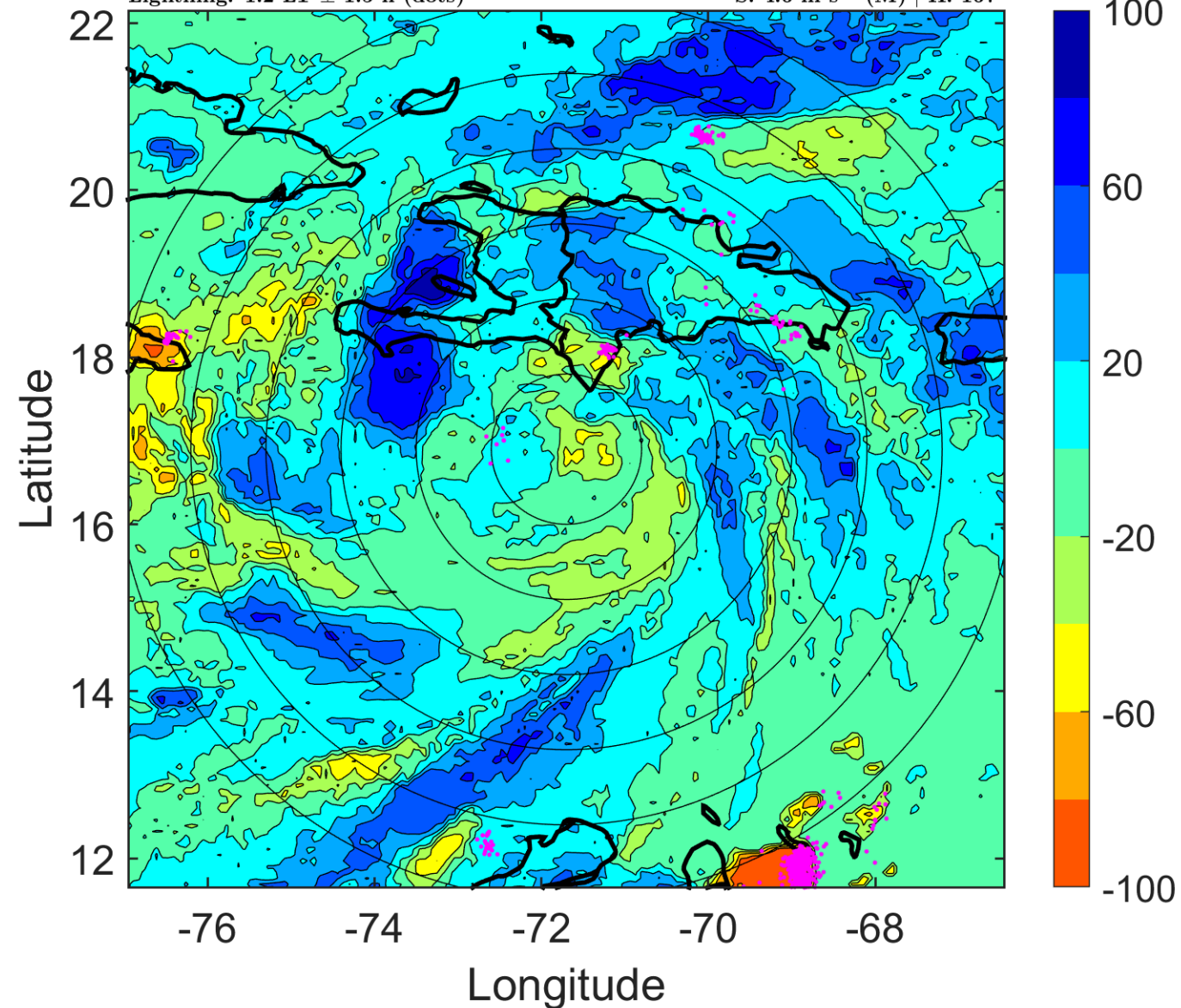
$\Delta$ t: 2008082606 (1.2 LT) - 2008082600 (19.3 LT)

Lightning: 1.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 75 kt C1

S: 4.6 m s<sup>-1</sup> (M) | H: 167°



### IR BT & Lightning

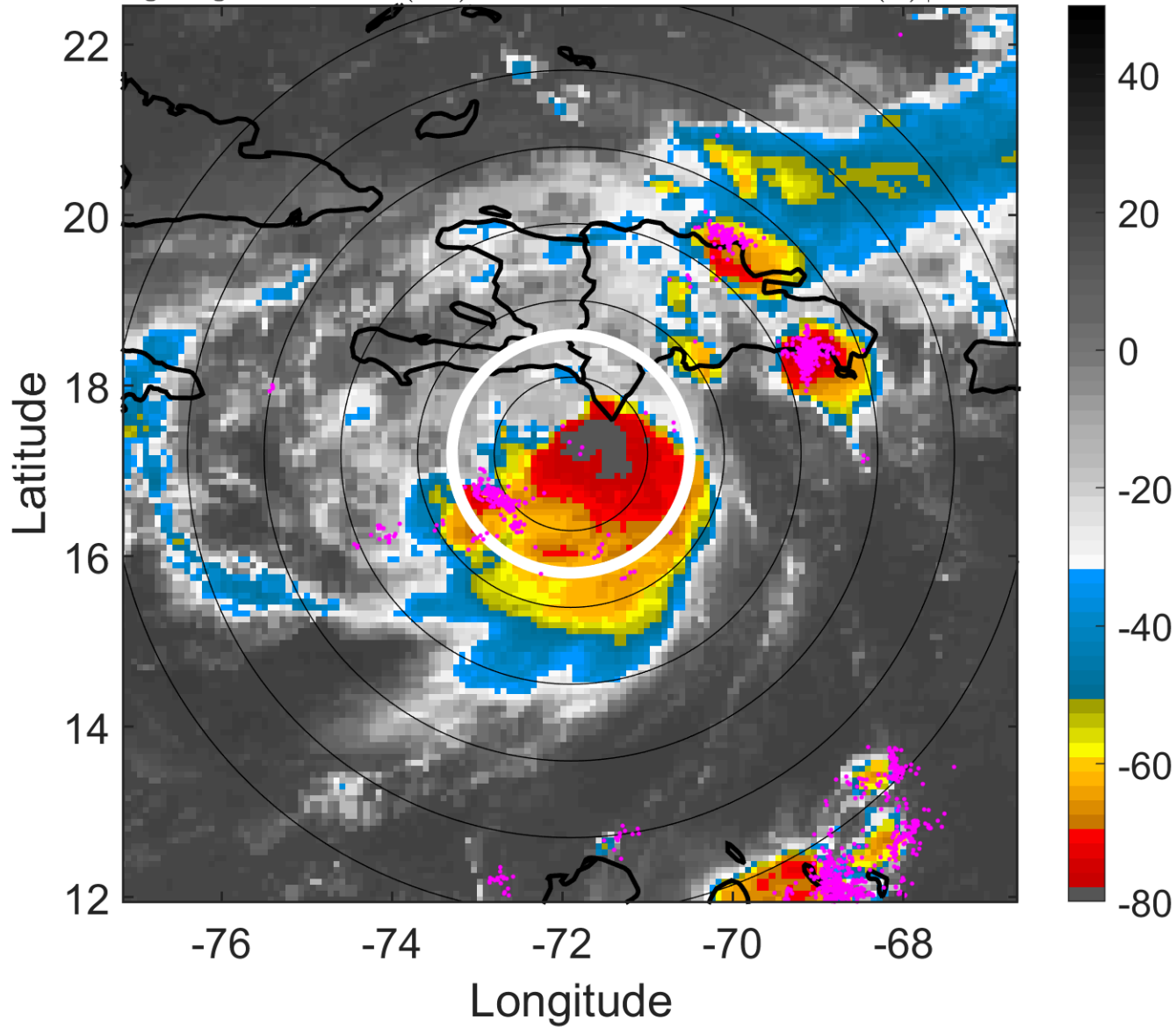
t: 2008082609 (4.2 LT)

Lightning: 4.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 77.5 kt C1

S: 5.1 m s<sup>-1</sup> (M) | H: 169°



### 6-h IR BT Differences & Lightning

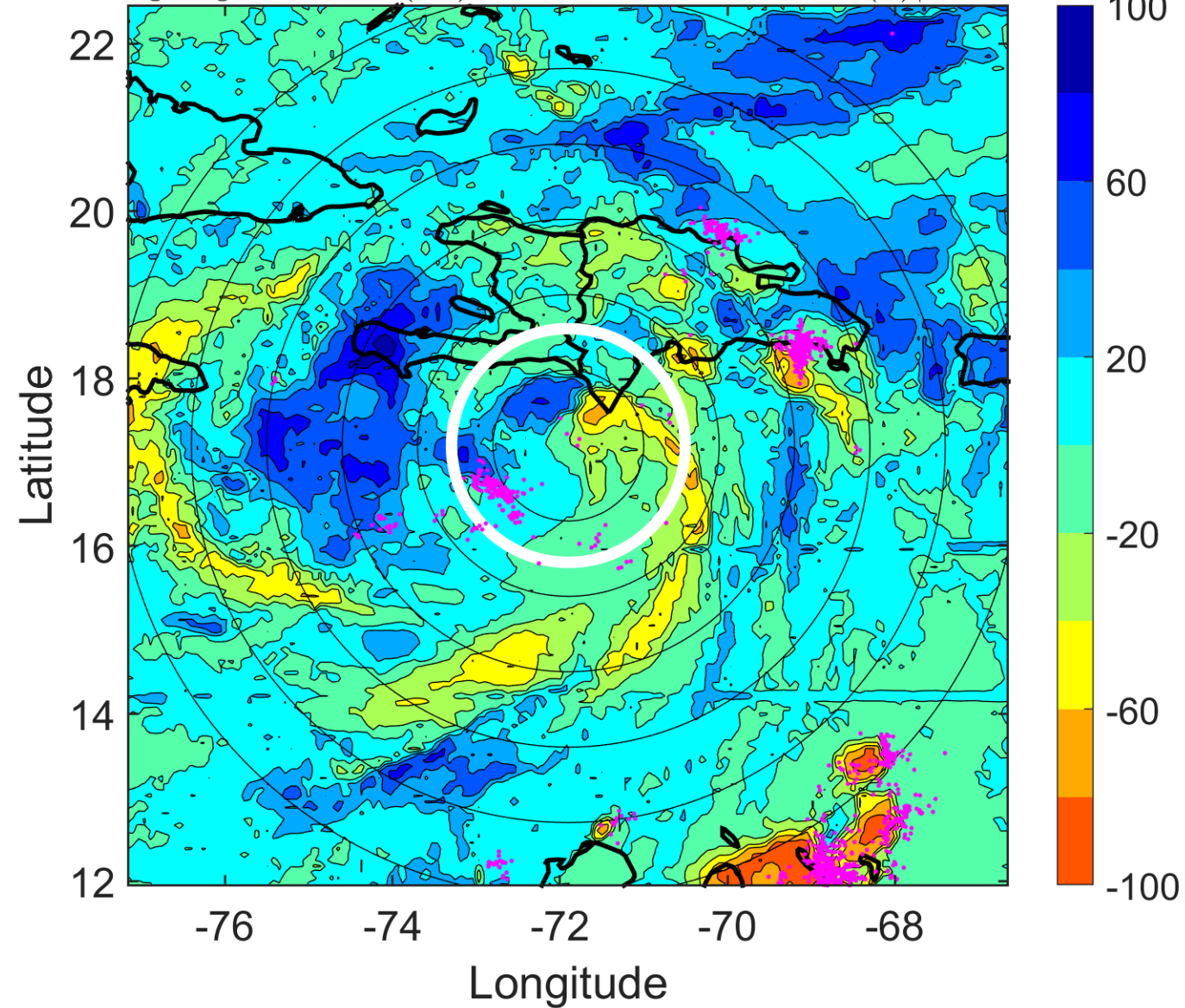
$\Delta$ t: 2008082609 (4.2 LT) - 2008082603 (22.2 LT)

Lightning: 4.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 77.5 kt C1

S: 5.1 m s<sup>-1</sup> (M) | H: 169°





### IR BT & Lightning

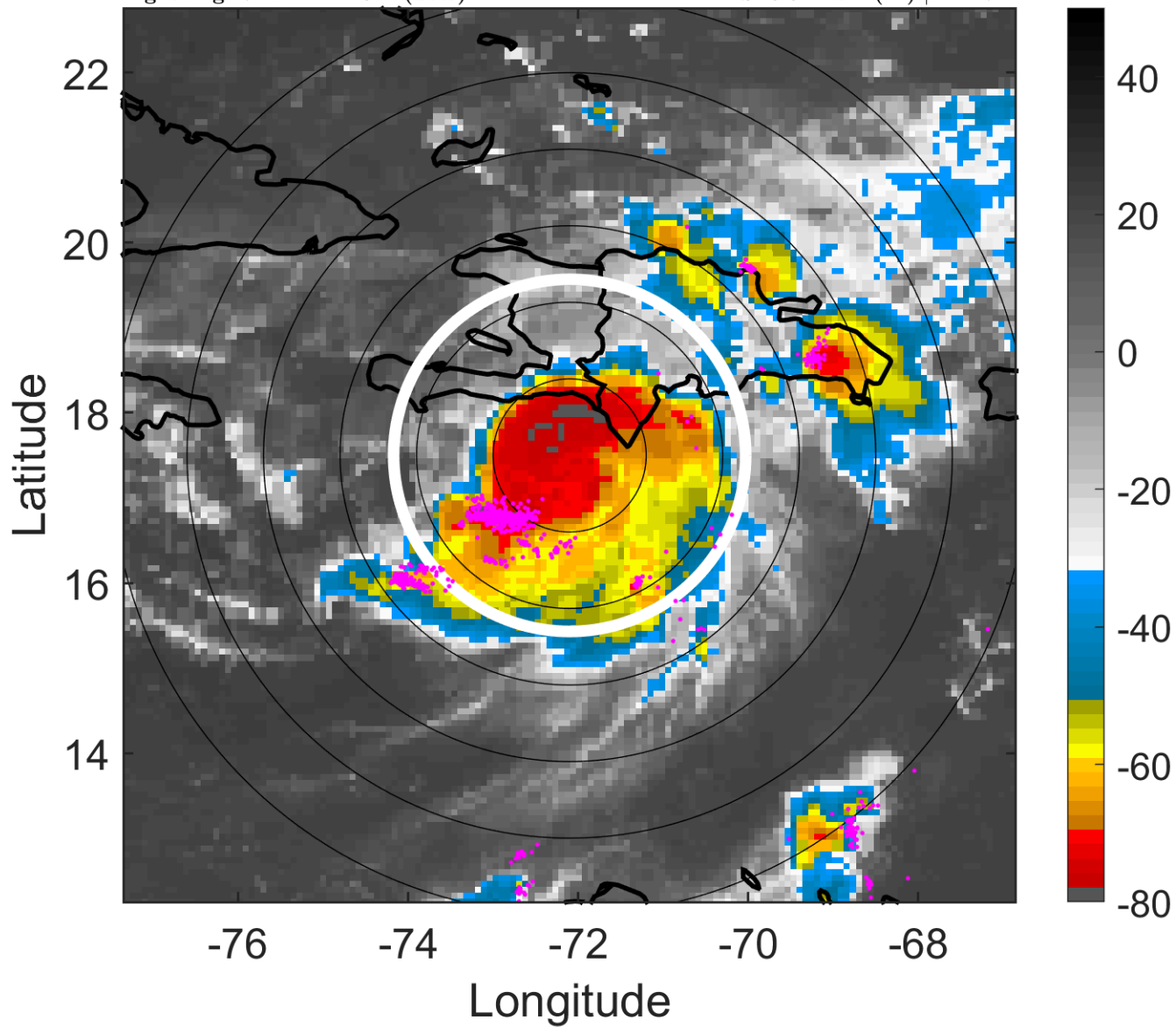
t: 2008082612 (7.2 LT)

Lightning: 7.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 80 kt C1

S: 5.5 m s<sup>-1</sup> (M) | H: 171°



### 6-h IR BT Differences & Lightning

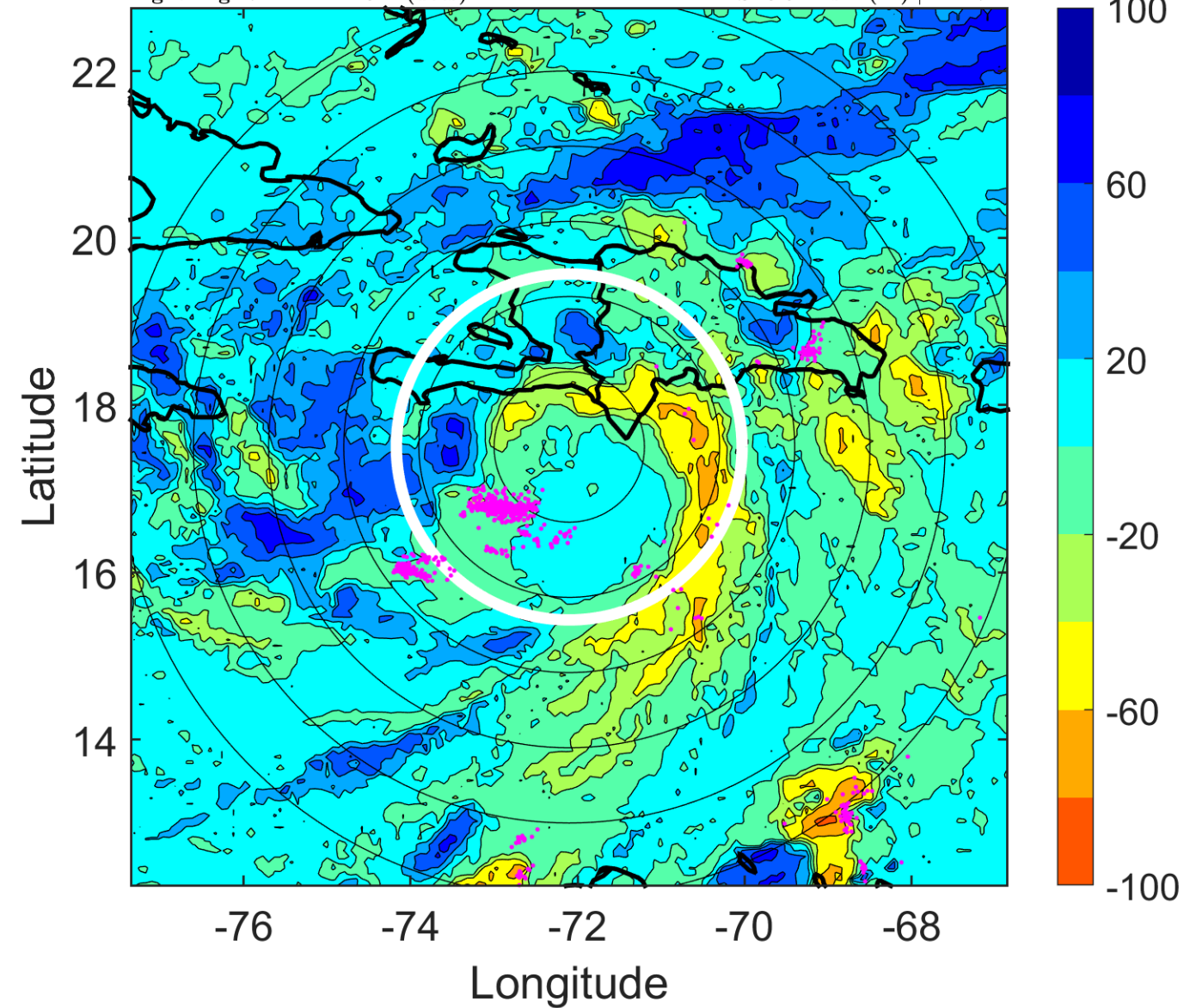
$\Delta$ t: 2008082612 (7.2 LT) - 2008082606 (1.2 LT)

Lightning: 7.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 80 kt C1

S: 5.5 m s<sup>-1</sup> (M) | H: 171°



### IR BT & Lightning

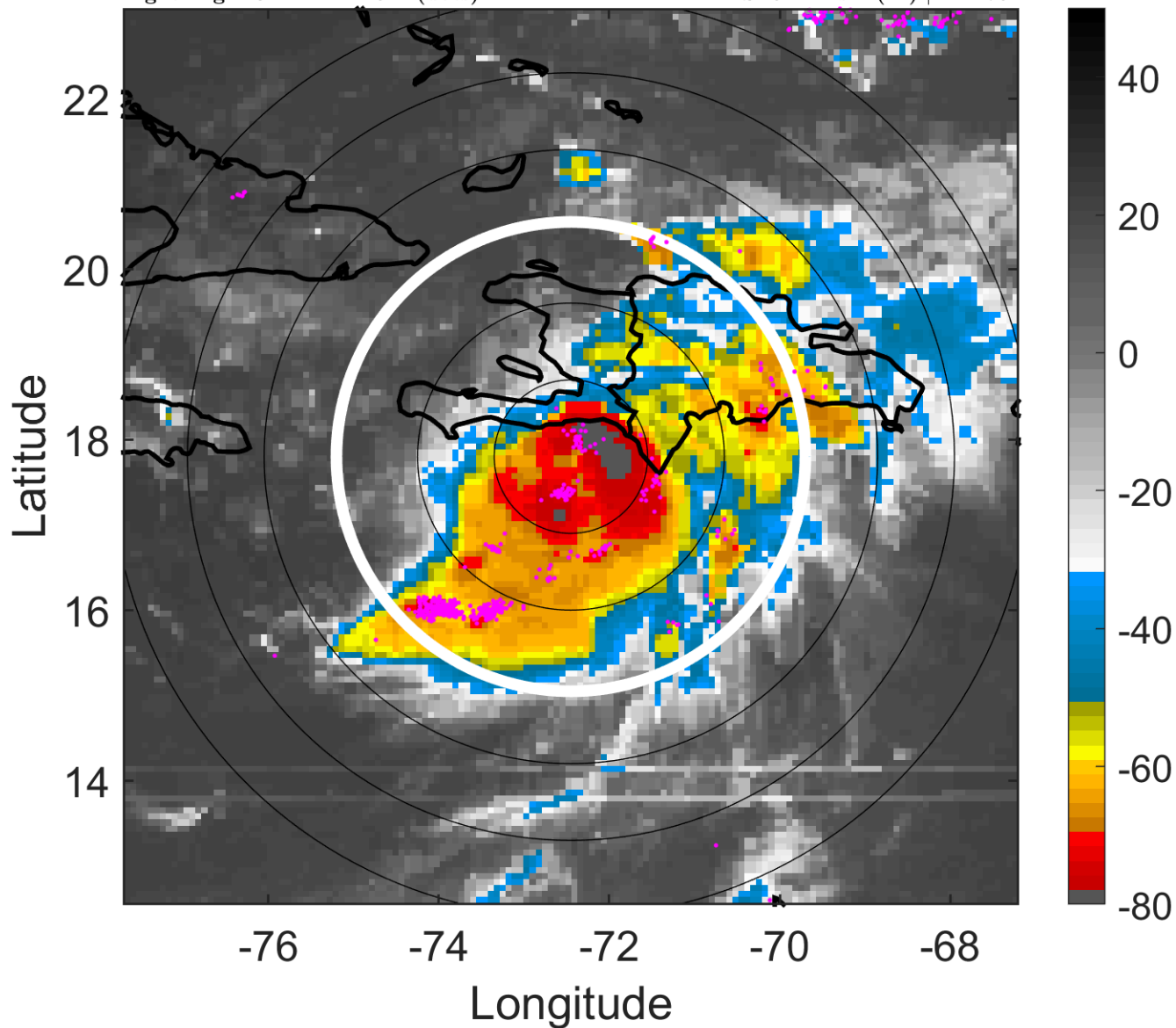
t: 2008082615 (10.2 LT)

Lightning: 10.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 75 kt C1

S: 5.4 m s<sup>-1</sup> (M) | H: 179°



### 6-h IR BT Differences & Lightning

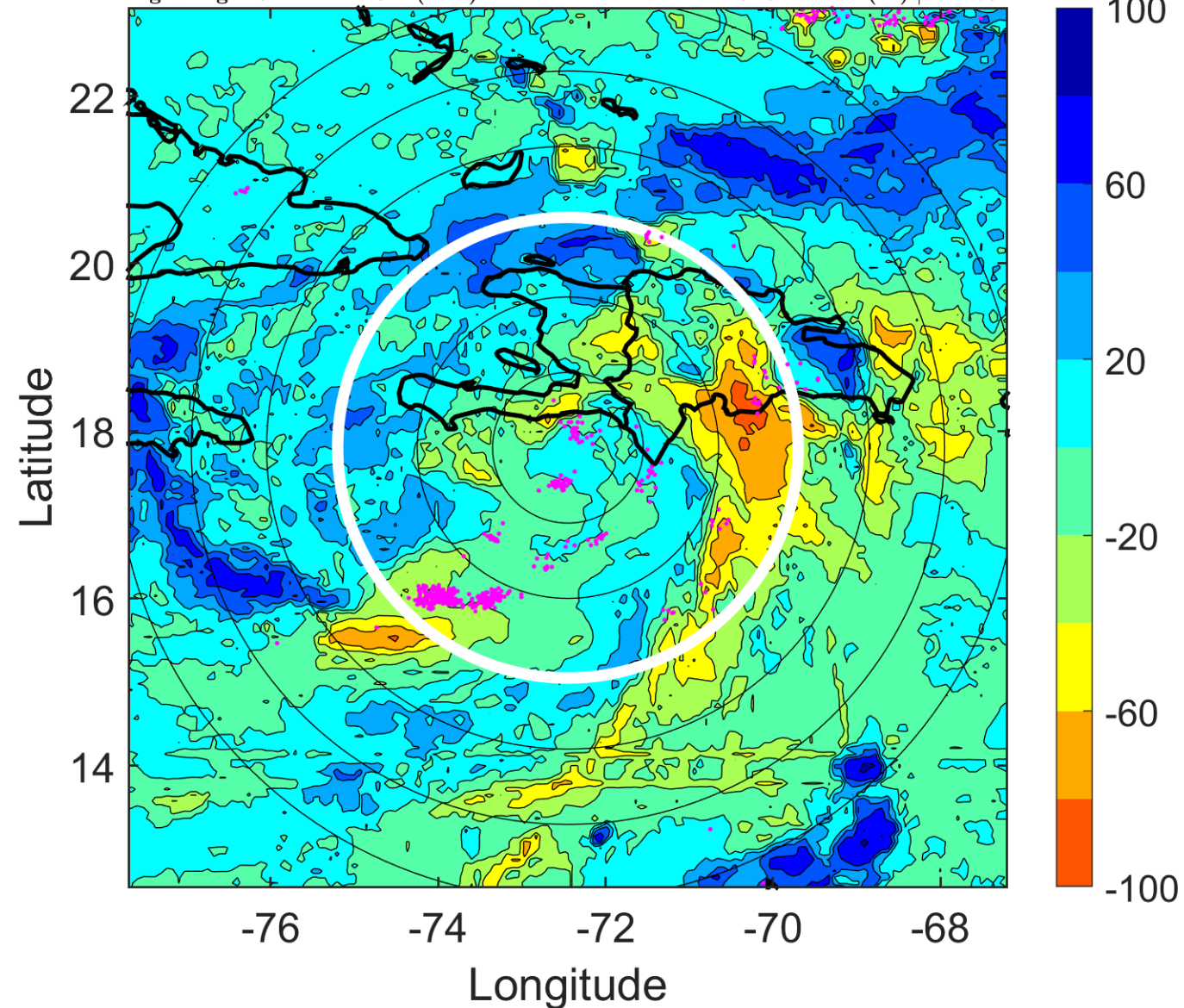
$\Delta$ t: 2008082615 (10.2 LT) - 2008082609 (4.2 LT)

Lightning: 10.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 75 kt C1

S: 5.4 m s<sup>-1</sup> (M) | H: 179°





### IR BT & Lightning

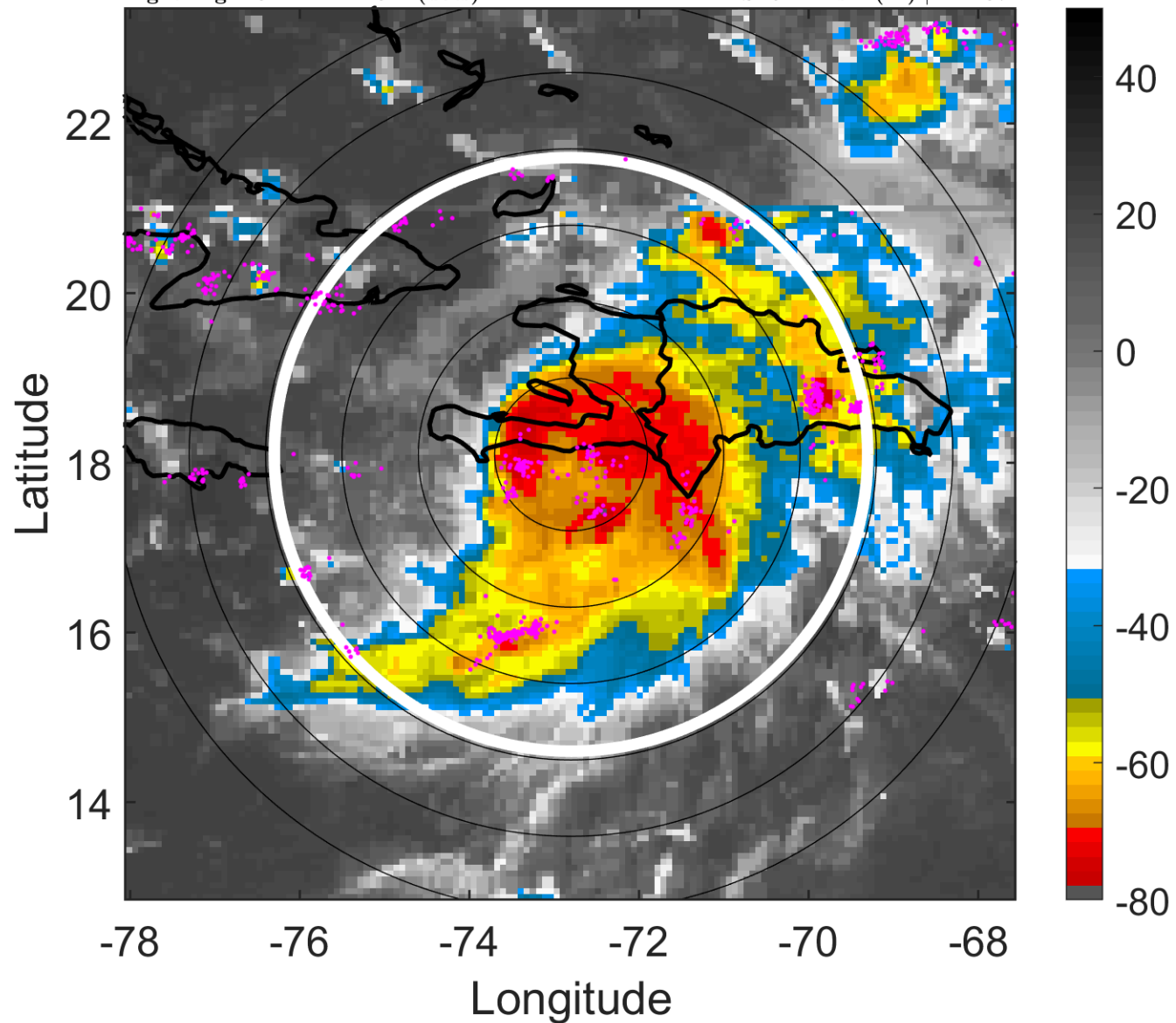
t: 2008082618 (13.1 LT)

Lightning: 13.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 70 kt C1

S: 5.4 m s<sup>-1</sup> (M) | H: 187°



### 6-h IR BT Differences & Lightning

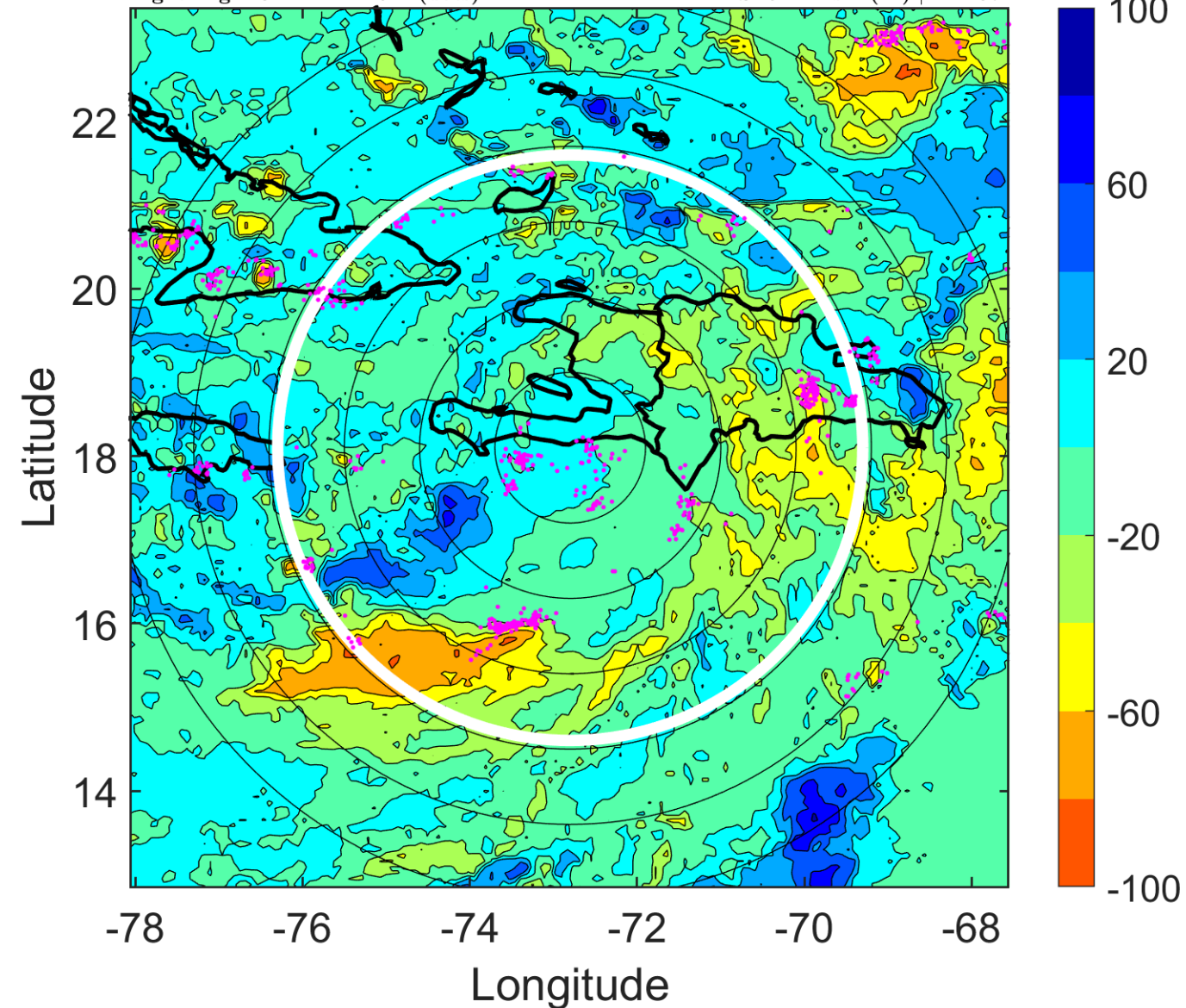
$\Delta$ t: 2008082618 (13.1 LT) - 2008082612 (7.2 LT)

Lightning: 13.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 70 kt C1

S: 5.4 m s<sup>-1</sup> (M) | H: 187°



### IR BT & Lightning

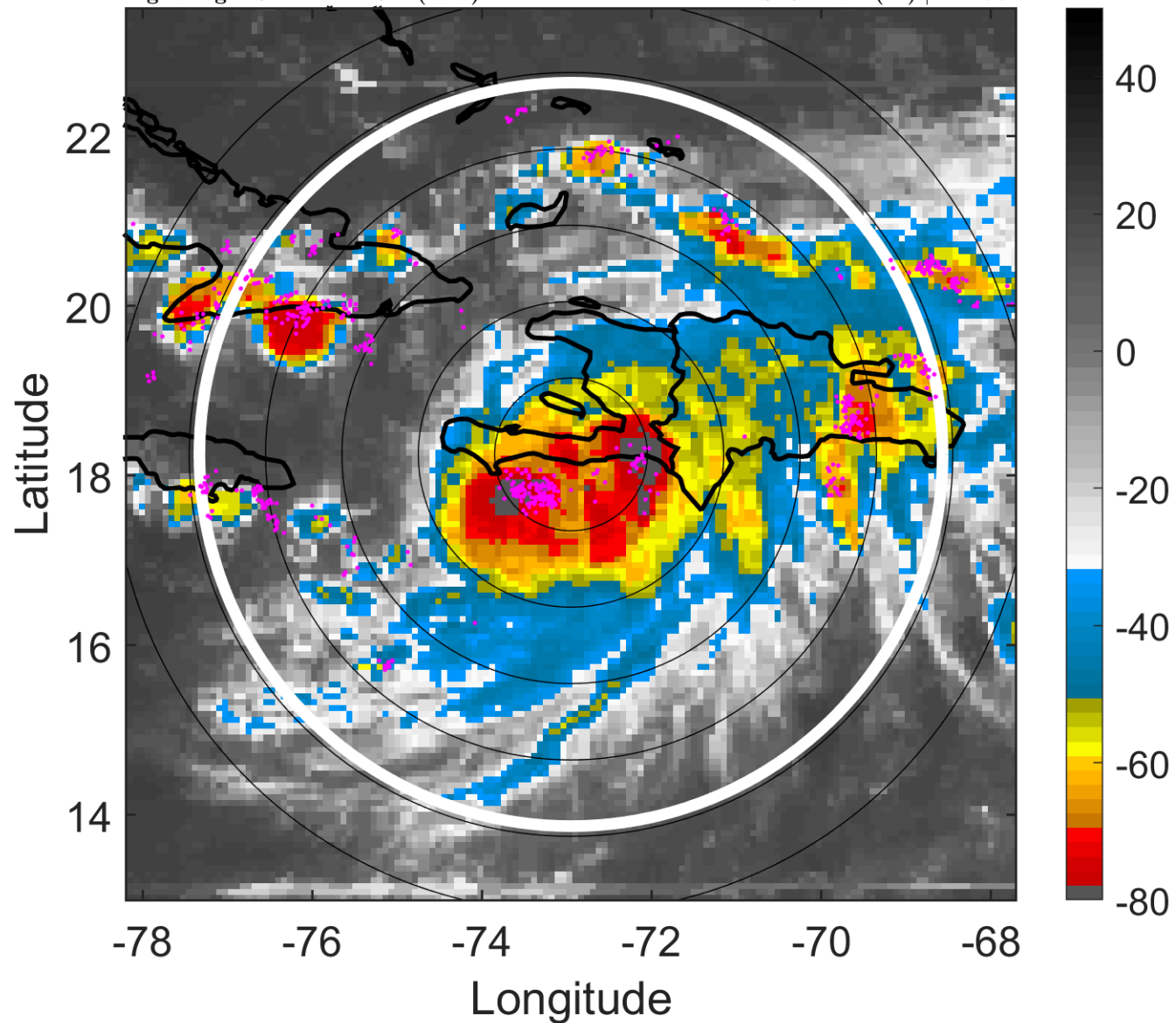
t: 2008082621 (16.1 LT)

Lightning: 16.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 5 m s<sup>-1</sup> (M) | H: 177°



### 6-h IR BT Differences & Lightning

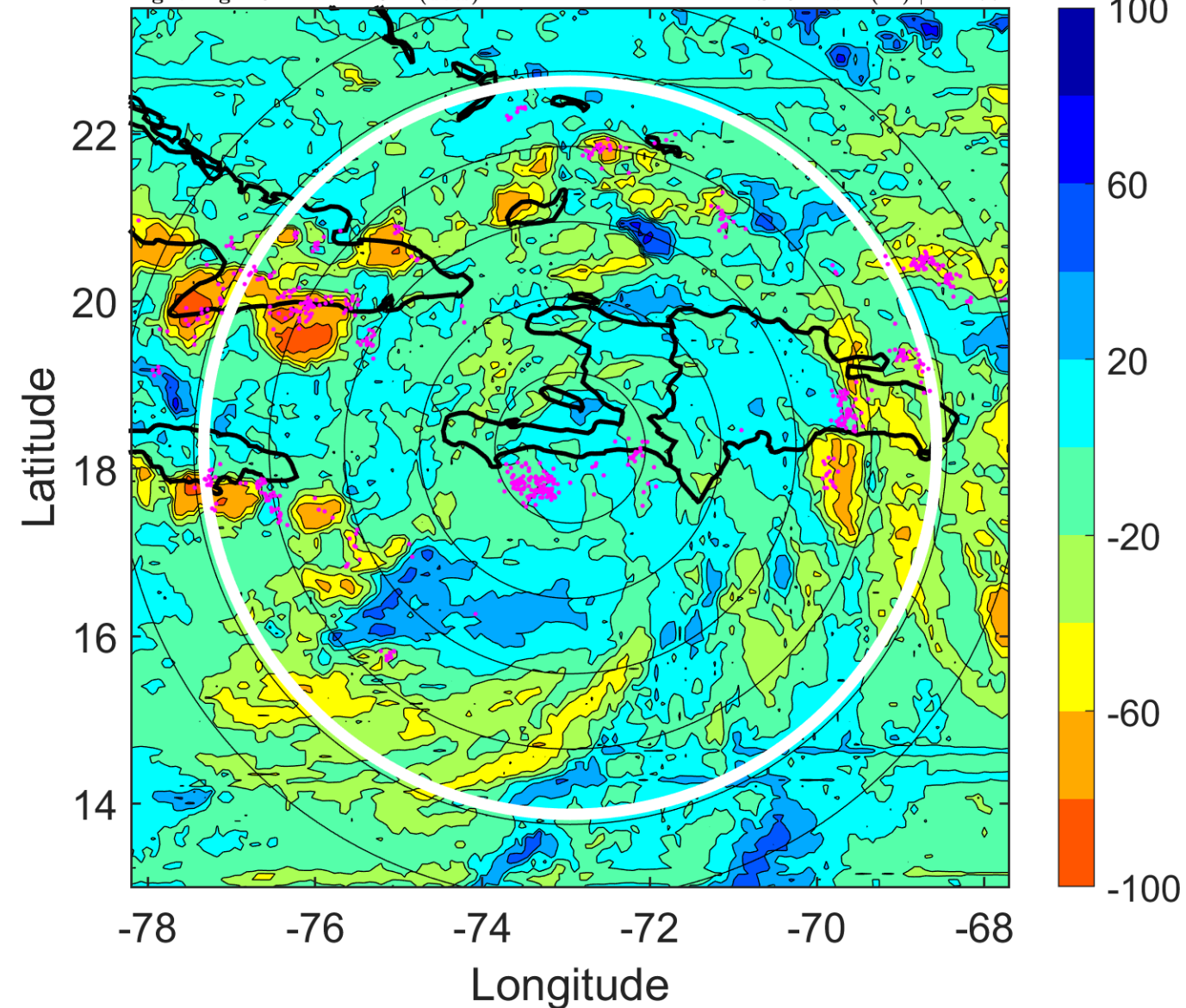
$\Delta$ t: 2008082621 (16.1 LT) - 2008082615 (10.2 LT)

Lightning: 16.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 5 m s<sup>-1</sup> (M) | H: 177°





### IR BT & Lightning

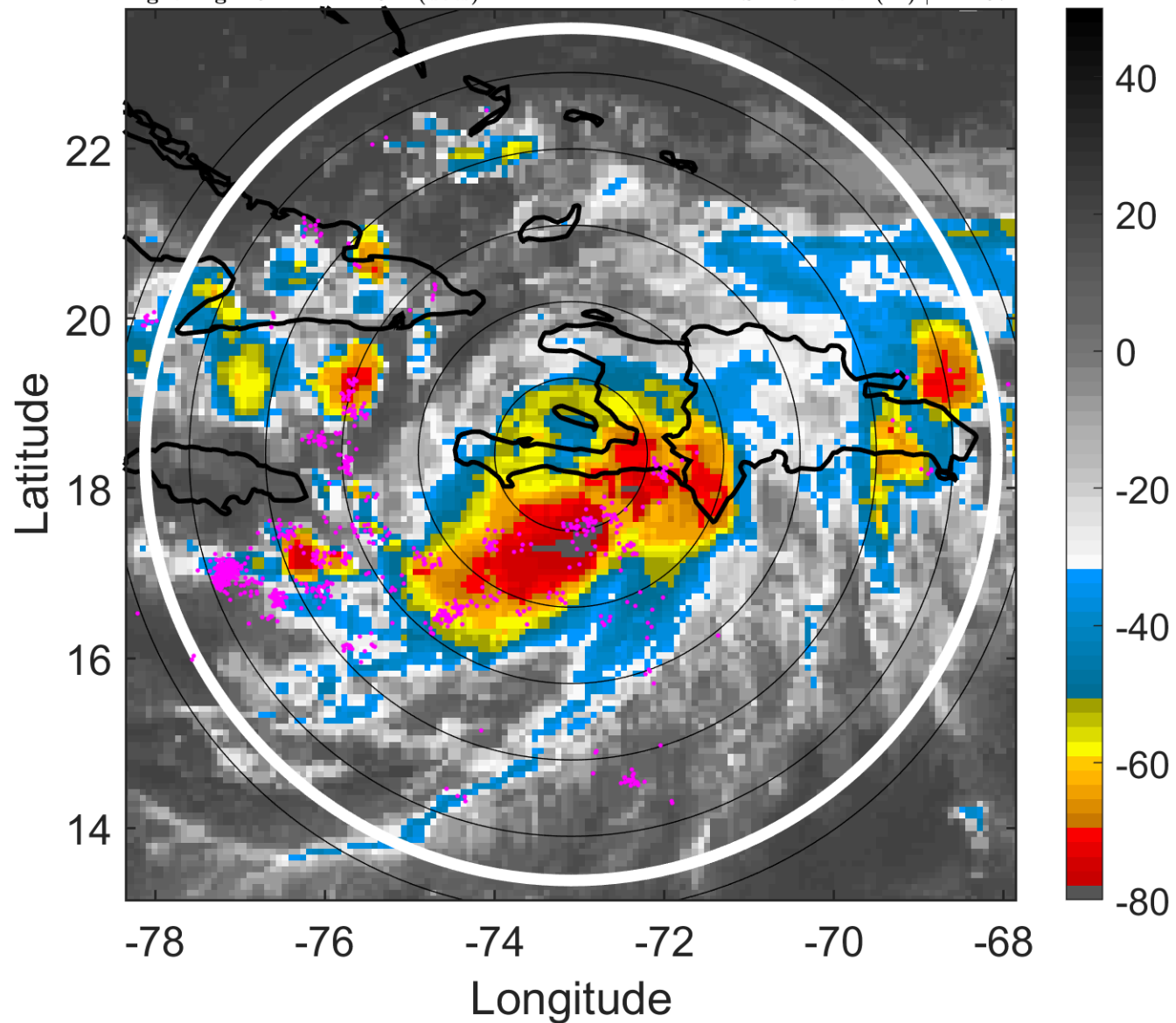
t: 2008082700 (19.1 LT)

Lightning: 19.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 50 kt TS

S: 4.6 m s<sup>-1</sup> (M) | H: 167°



### 6-h IR BT Differences & Lightning

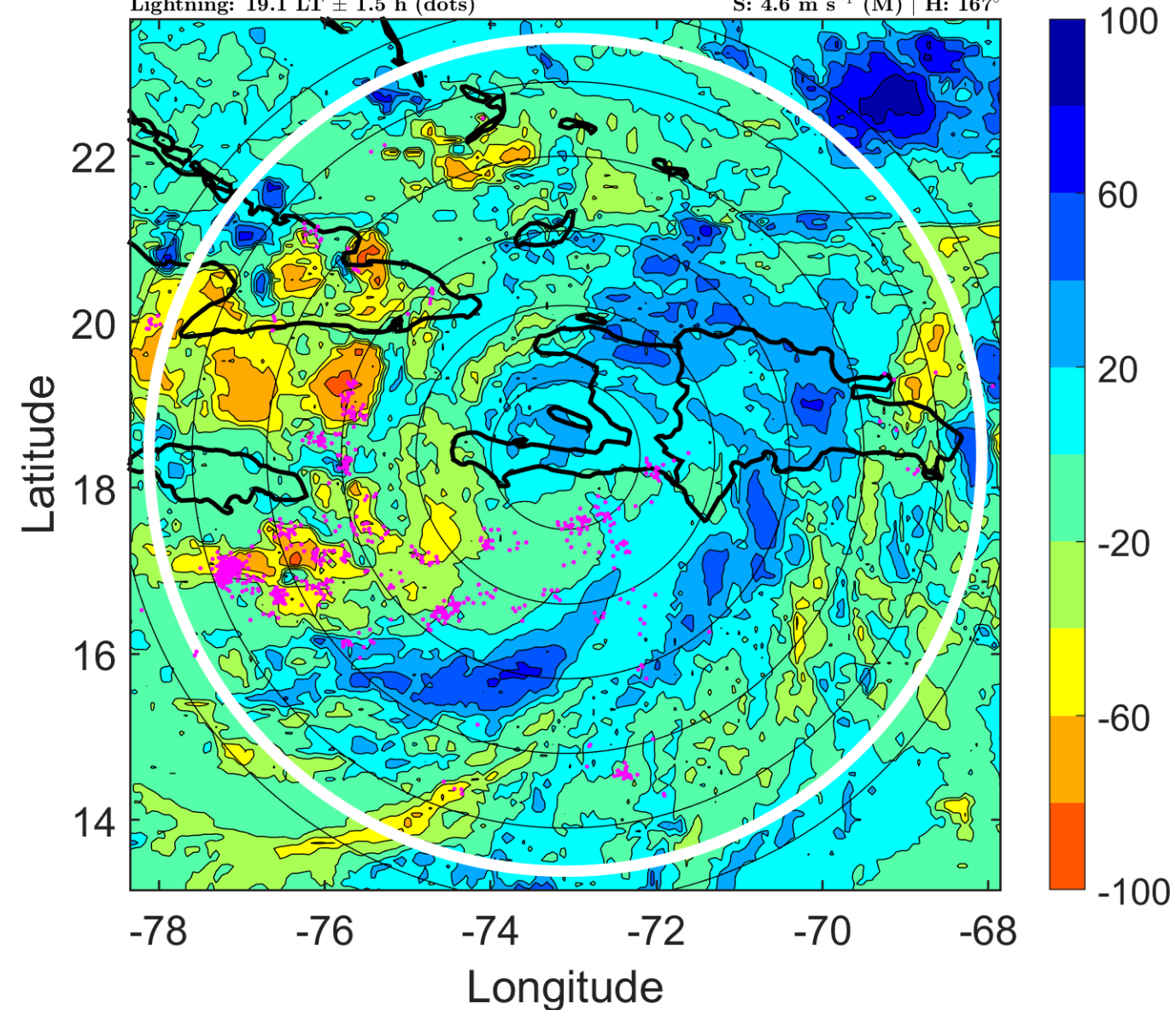
$\Delta$ t: 2008082700 (19.1 LT) - 2008082618 (13.1 LT)

Lightning: 19.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 50 kt TS

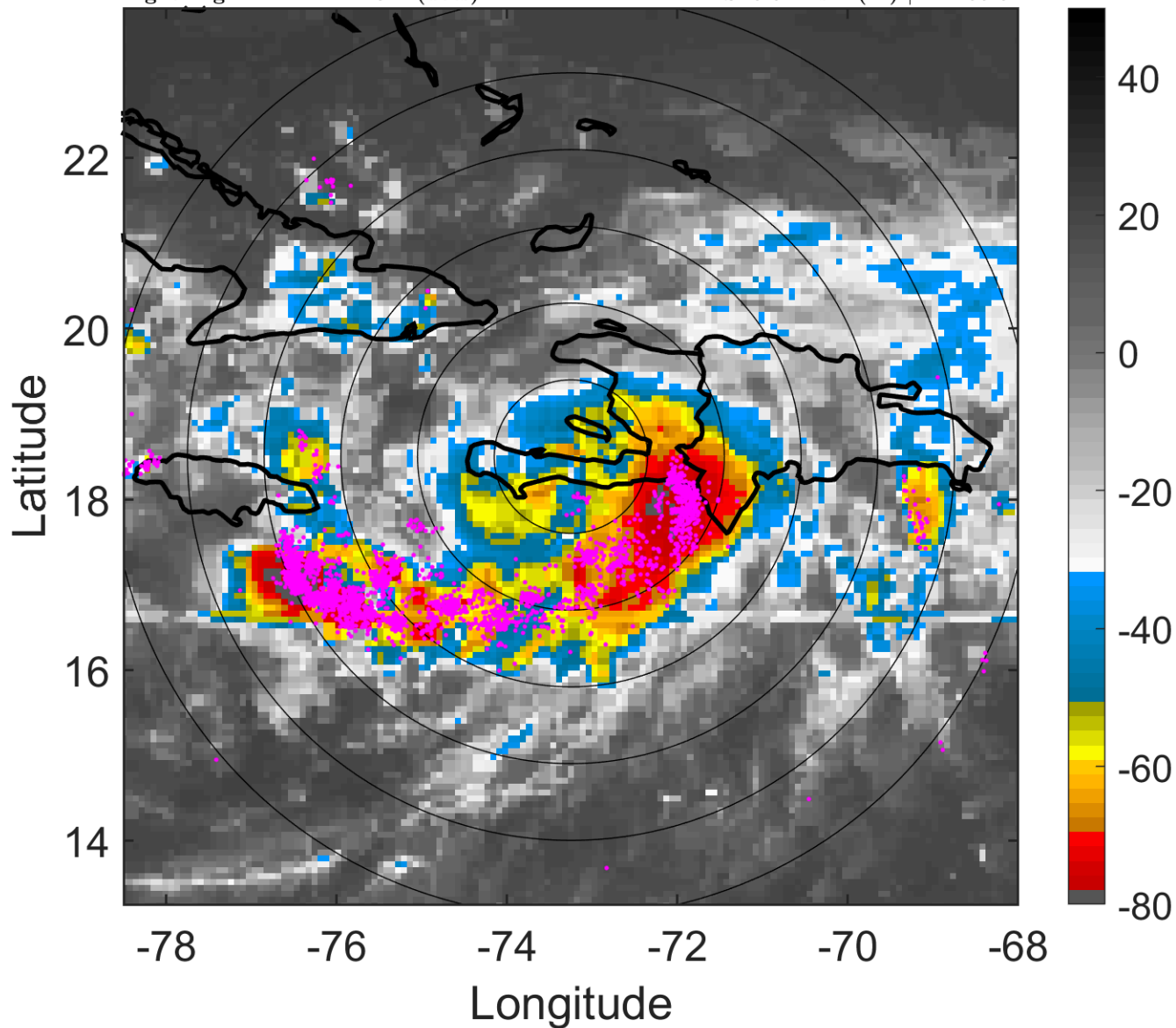
S: 4.6 m s<sup>-1</sup> (M) | H: 167°



### IR BT & Lightning

t: 2008082703 (22.1 LT)  
Lightning: 22.1 LT  $\pm$  1.5 h (dots)

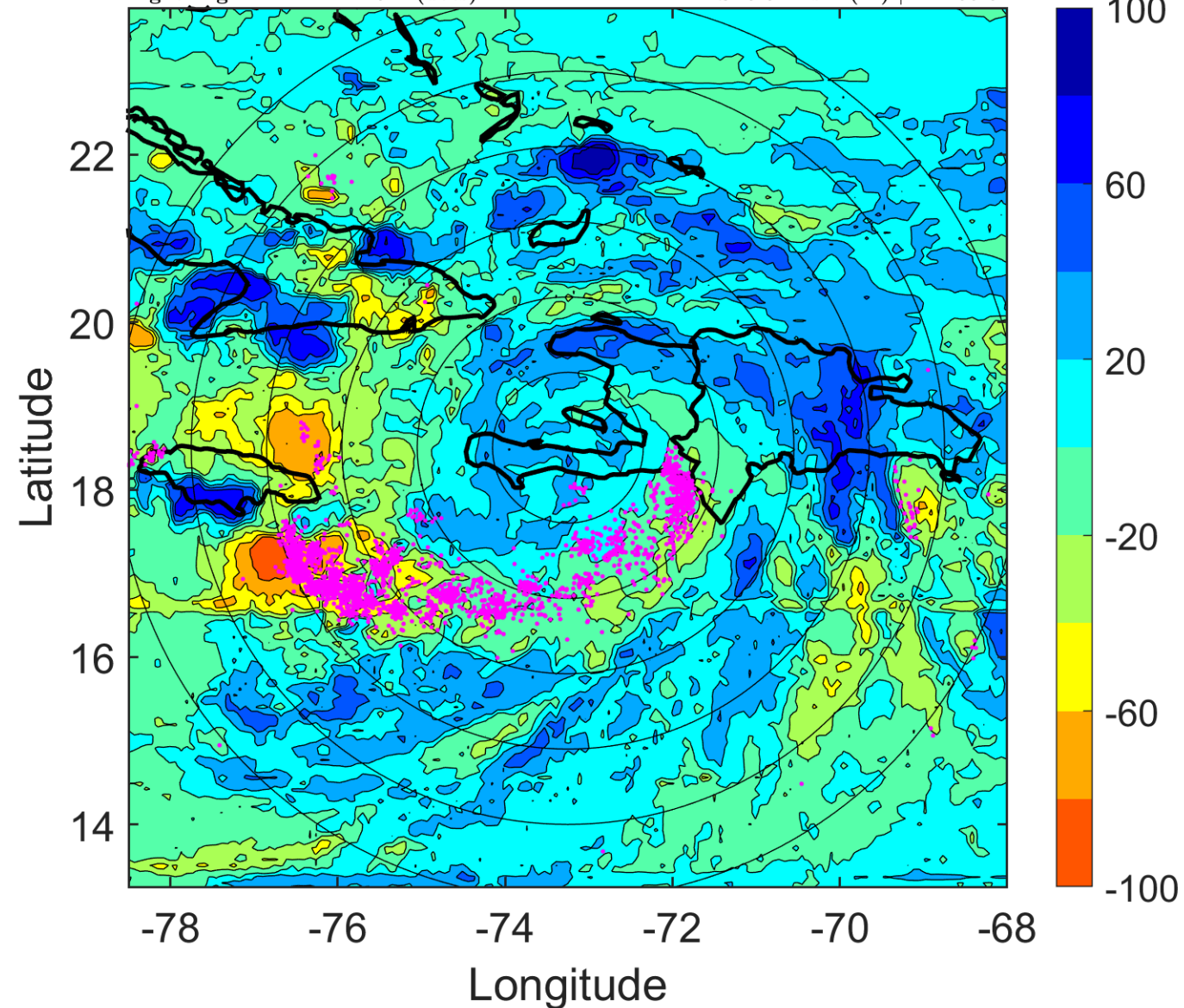
PT: LLCP | EA: ACT  
07L (GUSTAV) | 47.5 kt TS  
S: 5.9 m s<sup>-1</sup> (M) | H: 155.5°



### 6-h IR BT Differences & Lightning

$\Delta$ t: 2008082703 (22.1 LT) - 2008082621 (16.1 LT)  
Lightning: 22.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT  
07L (GUSTAV) | 47.5 kt TS  
S: 5.9 m s<sup>-1</sup> (M) | H: 155.5°





### IR BT & Lightning

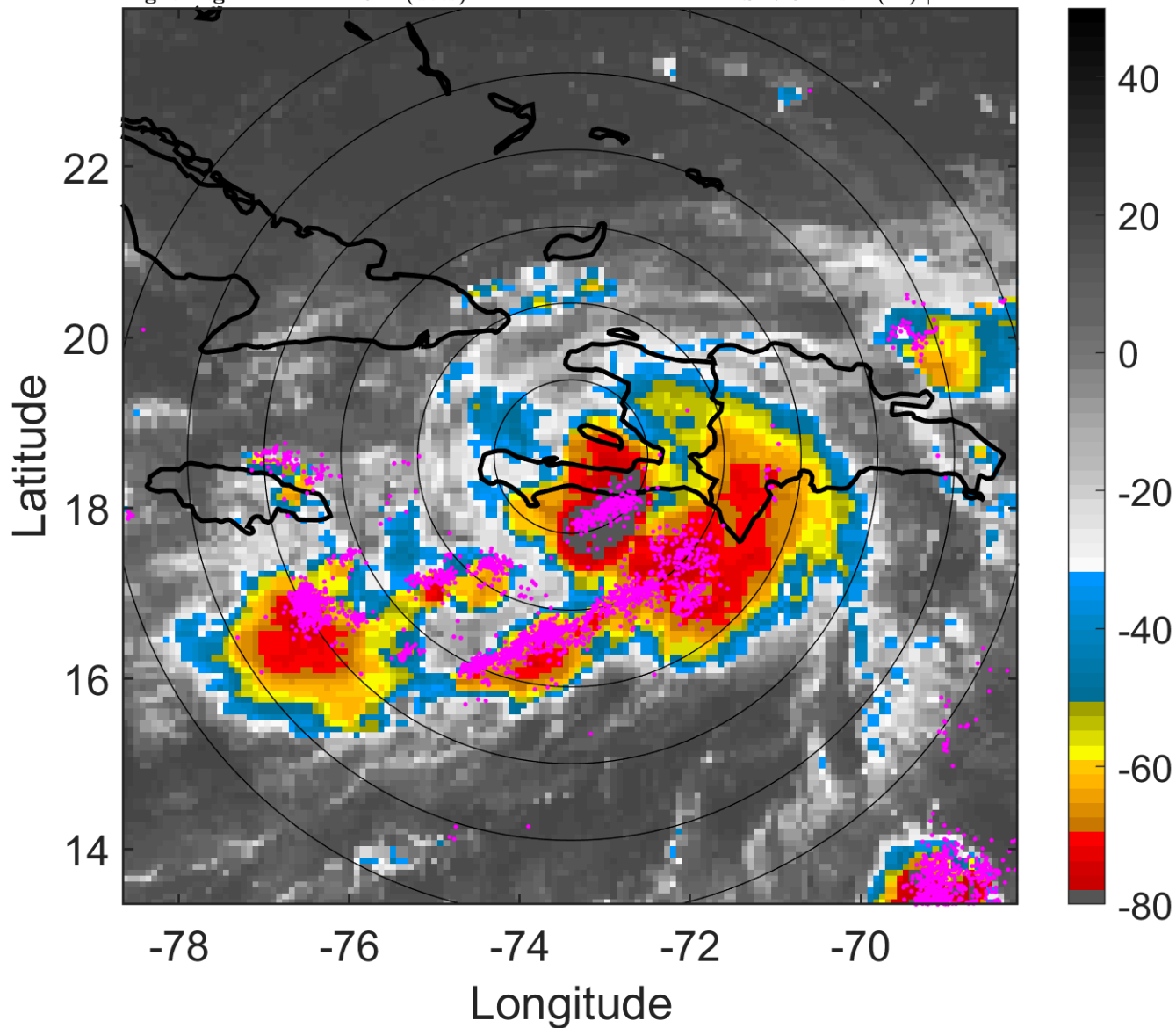
t: 2008082706 (1.1 LT)

Lightning: 1.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 7.3 m s<sup>-1</sup> (M) | H: 144°



### 6-h IR BT Differences & Lightning

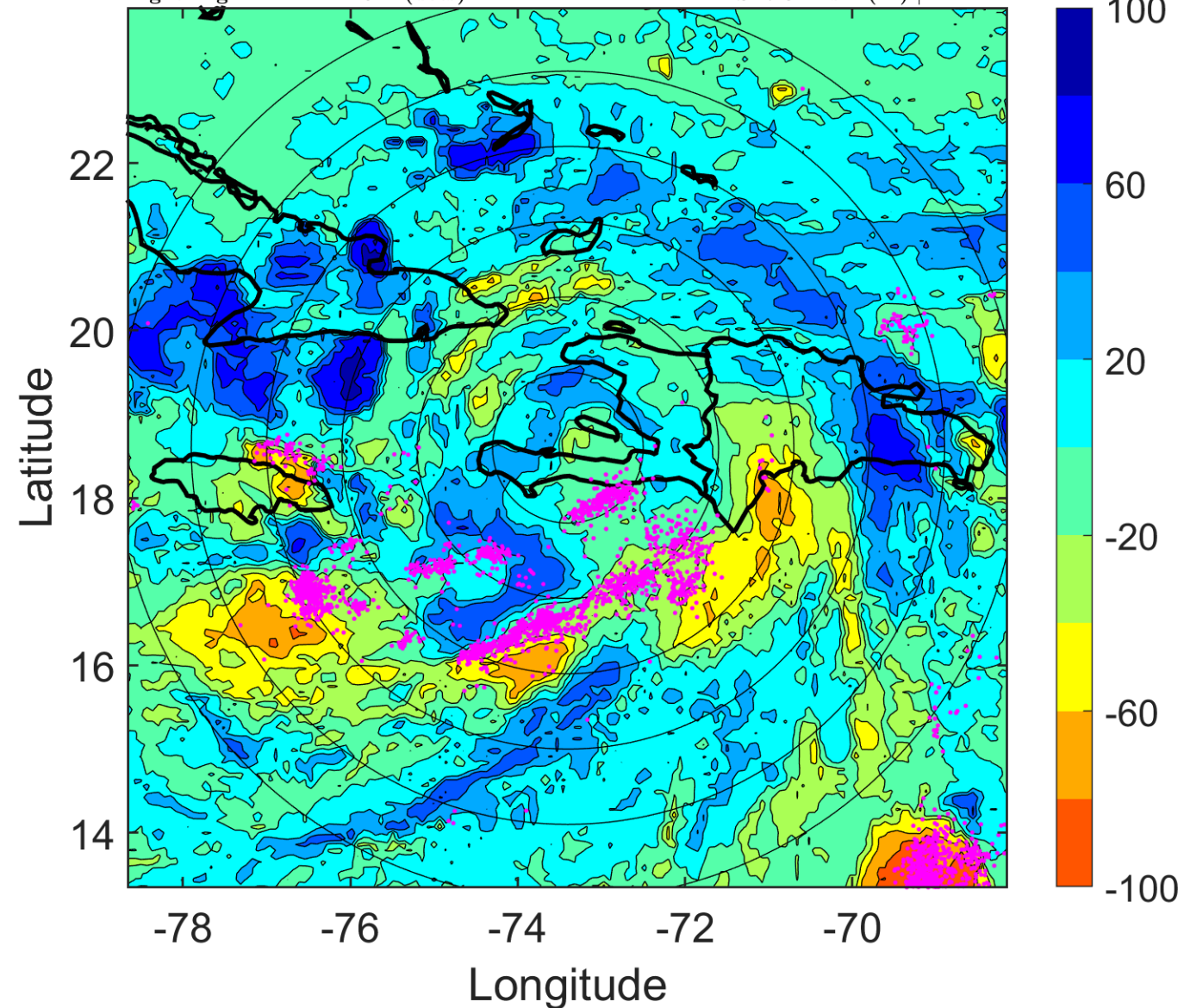
$\Delta$ t: 2008082706 (1.1 LT) - 2008082700 (19.1 LT)

Lightning: 1.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 7.3 m s<sup>-1</sup> (M) | H: 144°



### IR BT & Lightning

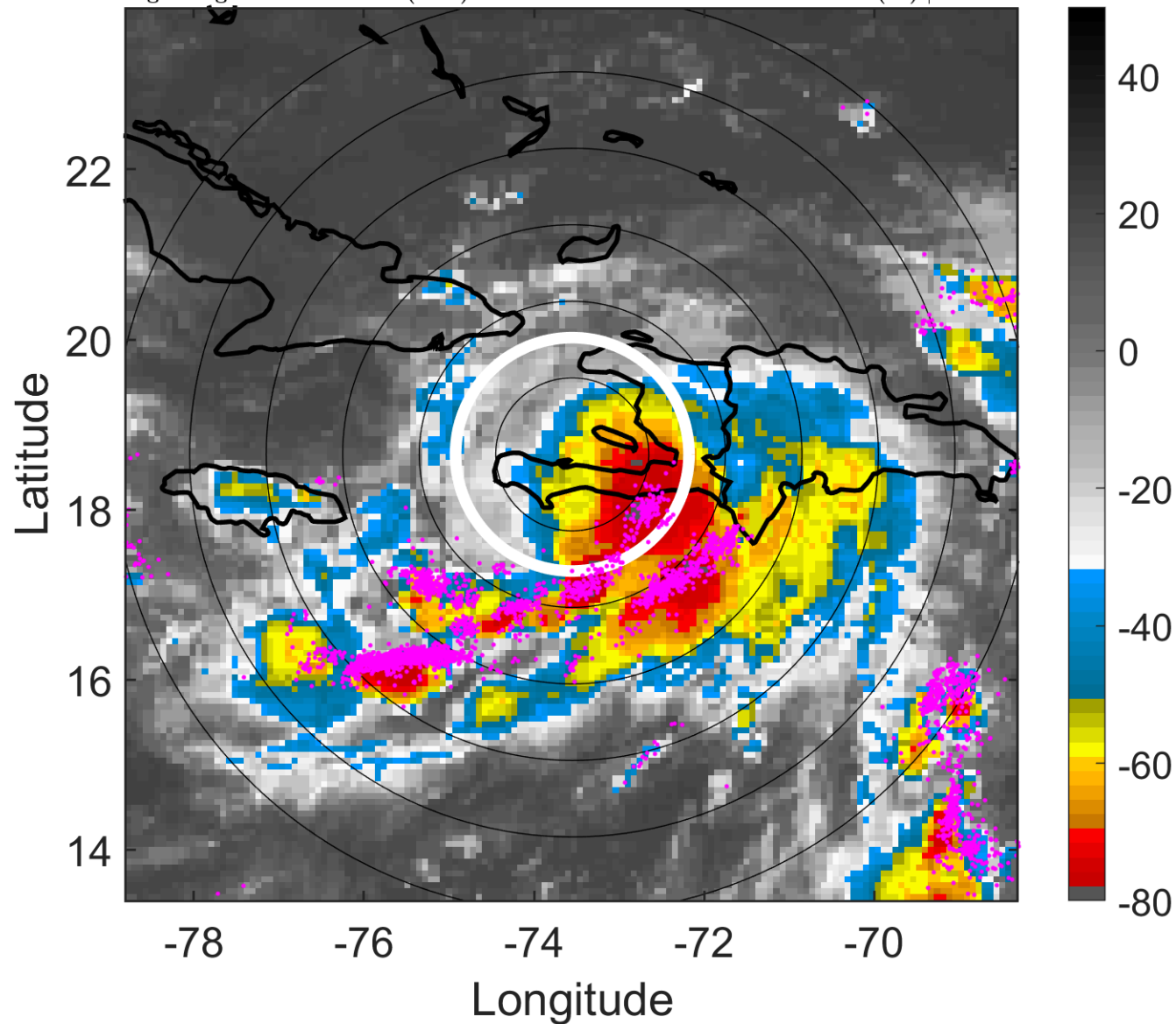
t: 2008082709 (4.1 LT)

Lightning: 4.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 6.8 m s<sup>-1</sup> (M) | H: 145°



### 6-h IR BT Differences & Lightning

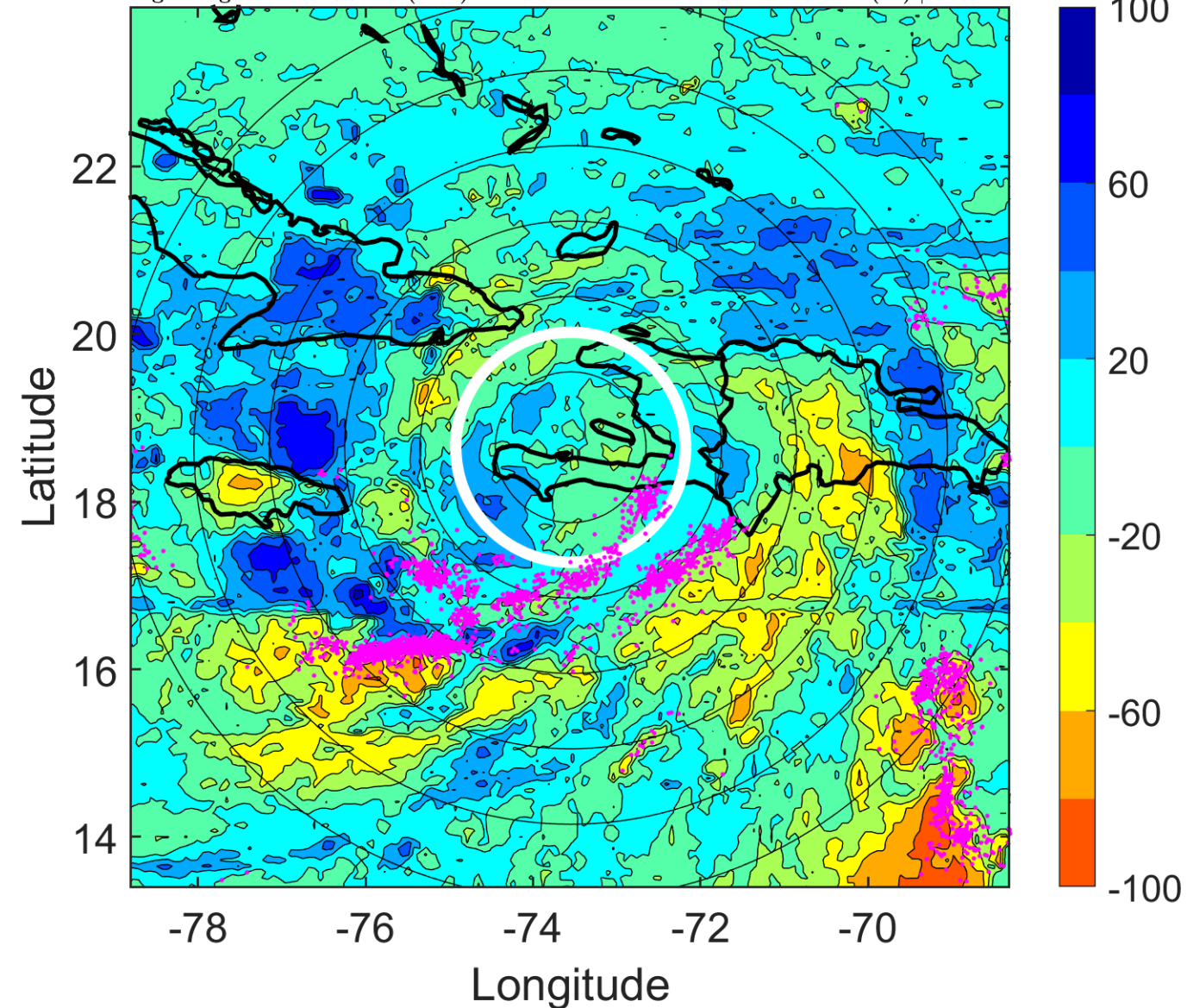
$\Delta$ t: 2008082709 (4.1 LT) - 2008082703 (22.1 LT)

Lightning: 4.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 6.8 m s<sup>-1</sup> (M) | H: 145°





### IR BT & Lightning

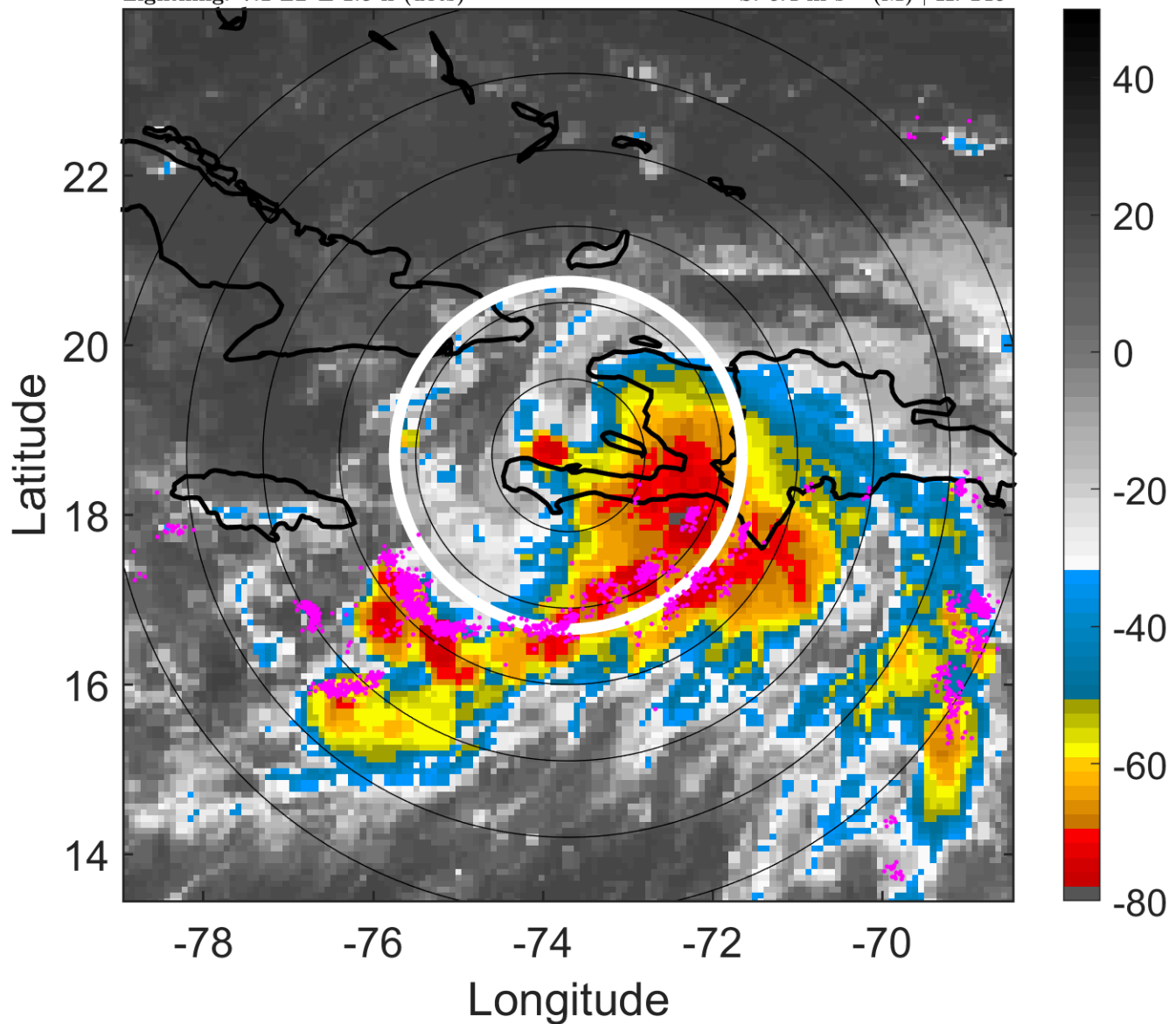
t: 2008082712 (7.1 LT)

Lightning: 7.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 6.4 m s<sup>-1</sup> (M) | H: 146°



### 6-h IR BT Differences & Lightning

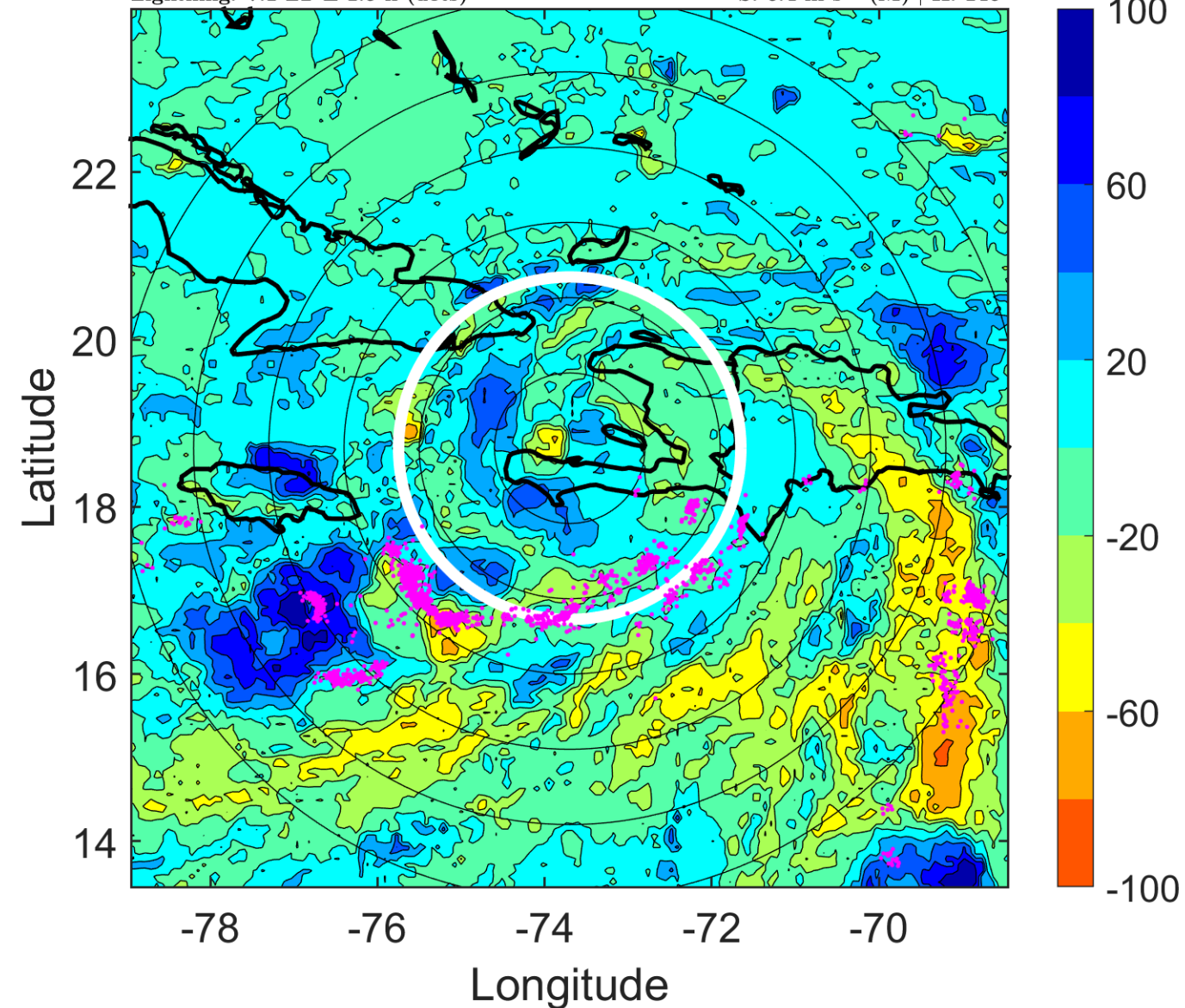
$\Delta$ t: 2008082712 (7.1 LT) - 2008082706 (1.1 LT)

Lightning: 7.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 6.4 m s<sup>-1</sup> (M) | H: 146°



### IR BT & Lightning

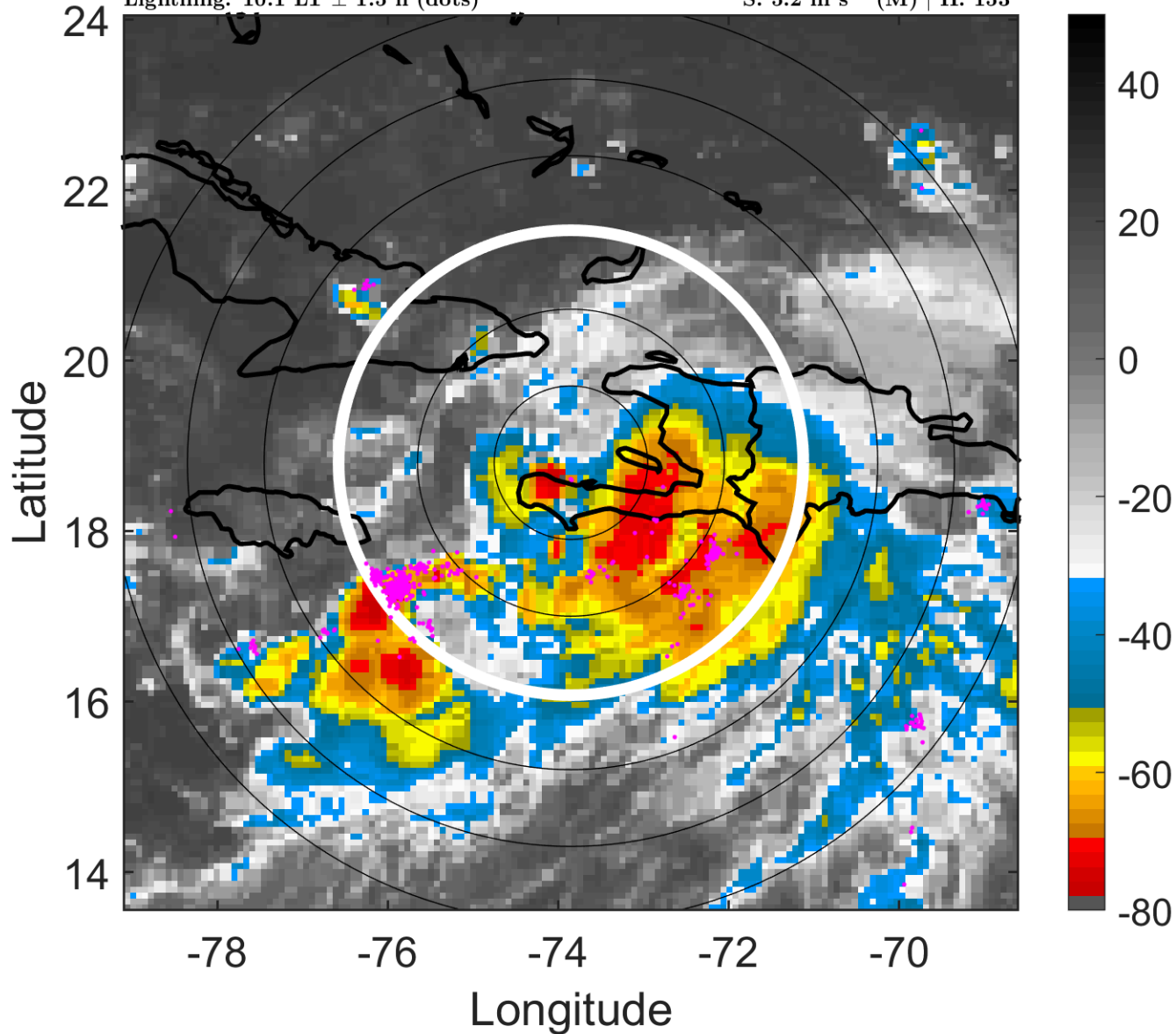
t: 2008082715 (10.1 LT)

Lightning: 10.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 5.2 m s<sup>-1</sup> (M) | H: 153°



### 6-h IR BT Differences & Lightning

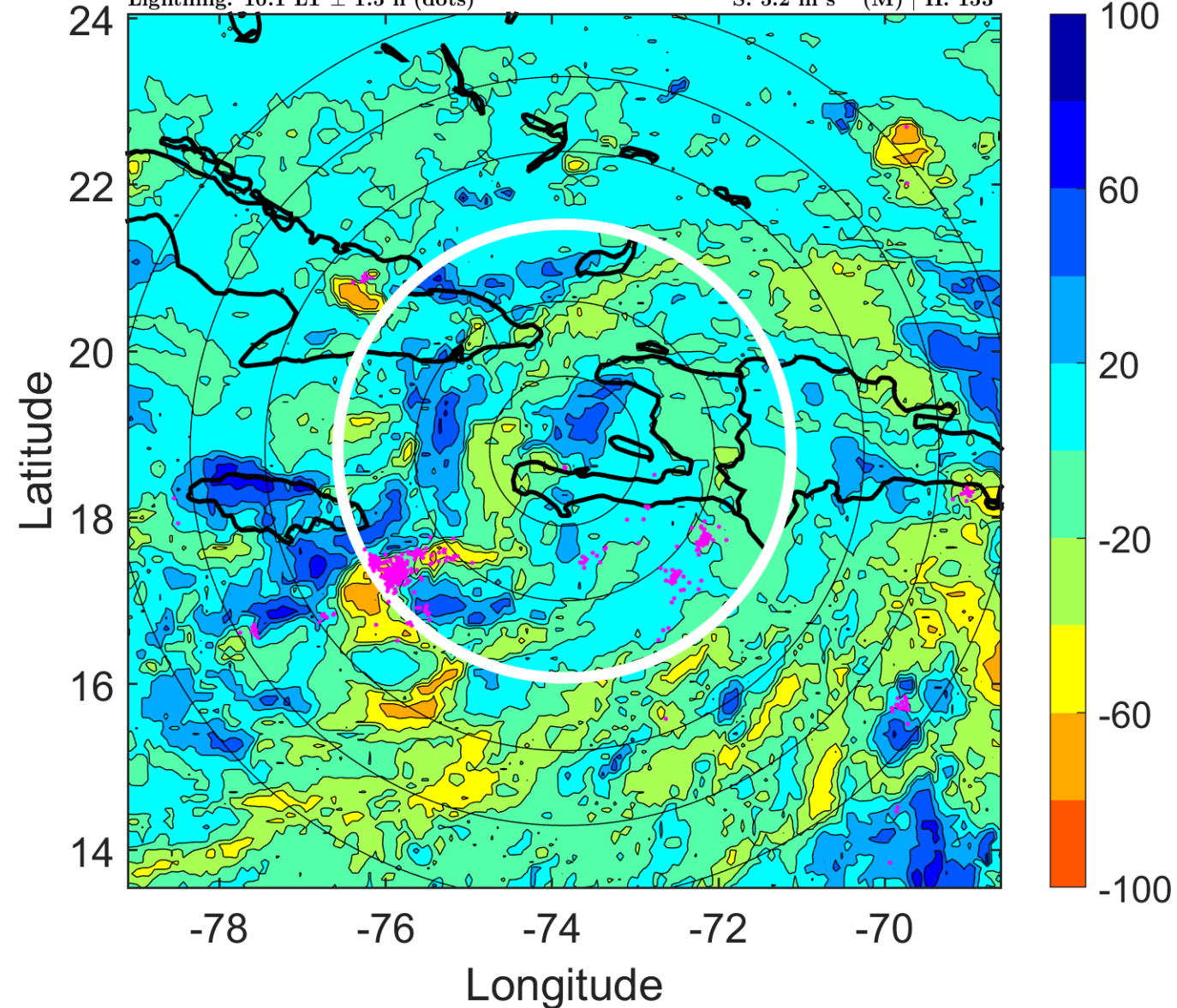
$\Delta$ t: 2008082715 (10.1 LT) - 2008082709 (4.1 LT)

Lightning: 10.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 5.2 m s<sup>-1</sup> (M) | H: 153°





### IR BT & Lightning

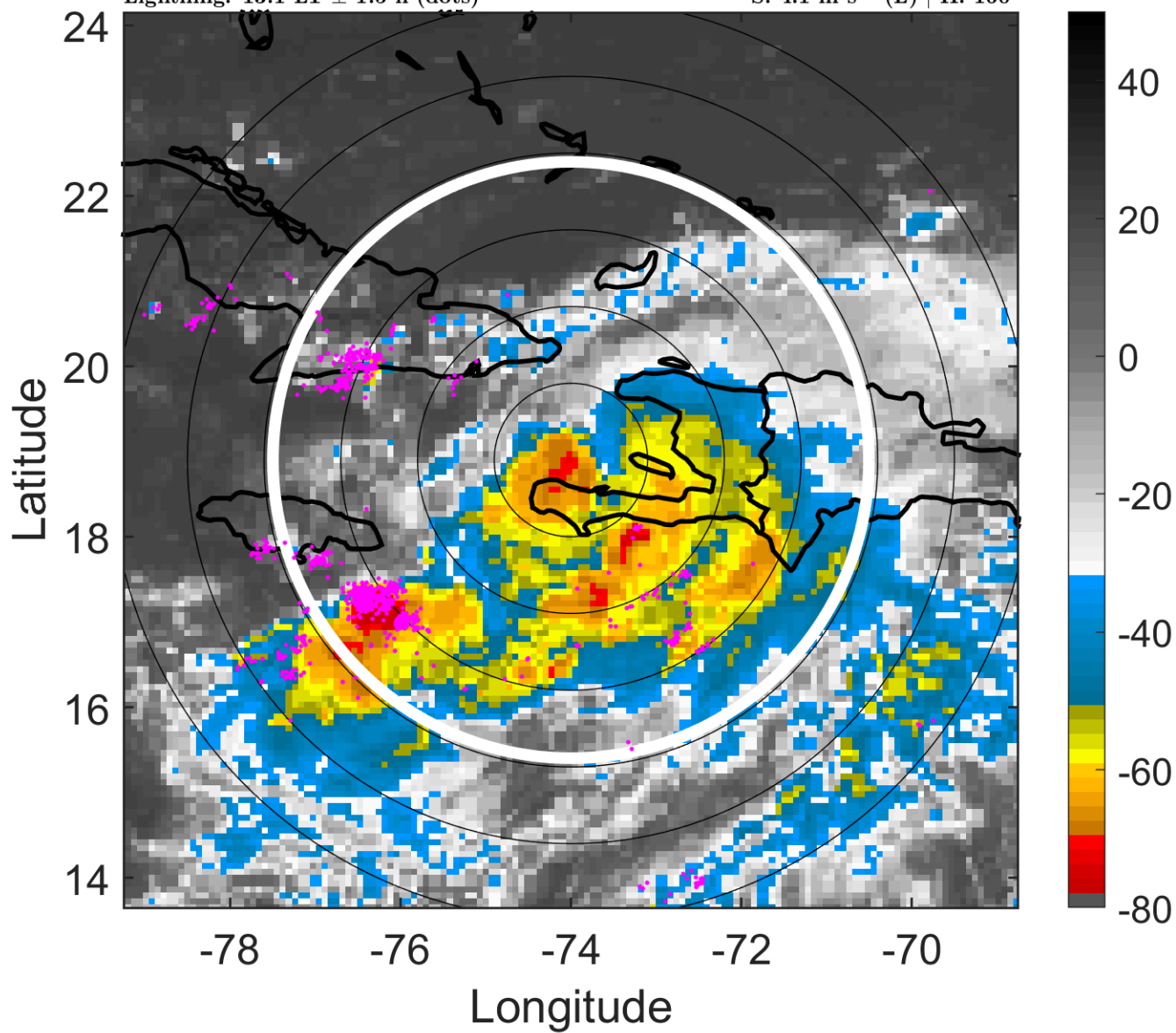
t: 2008082718 (13.1 LT)

Lightning: 13.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 4.1 m s<sup>-1</sup> (L) | H: 160°



### 6-h IR BT Differences & Lightning

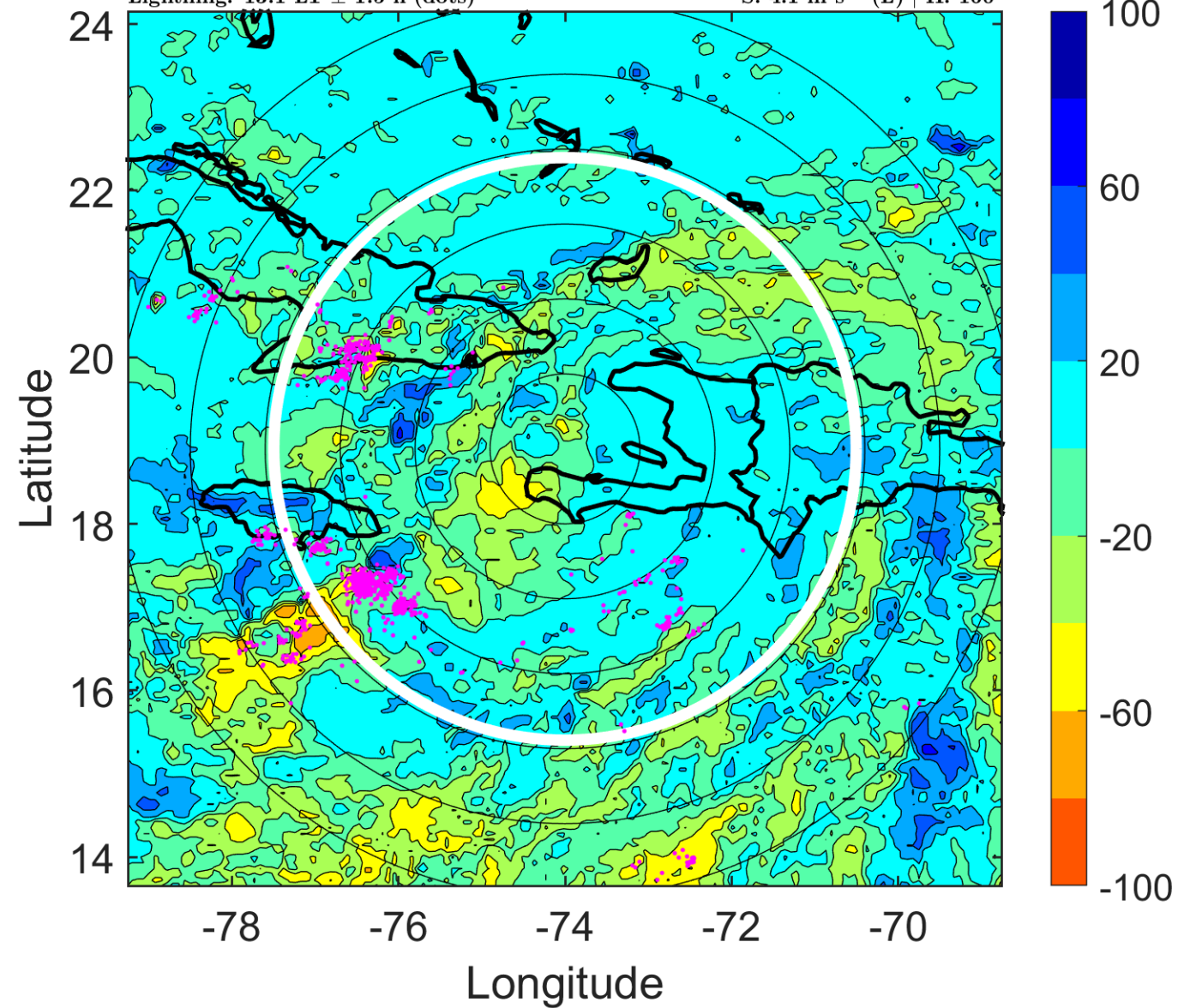
$\Delta$ t: 2008082718 (13.1 LT) - 2008082712 (7.1 LT)

Lightning: 13.1 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 45 kt TS

S: 4.1 m s<sup>-1</sup> (L) | H: 160°



### IR BT & Lightning

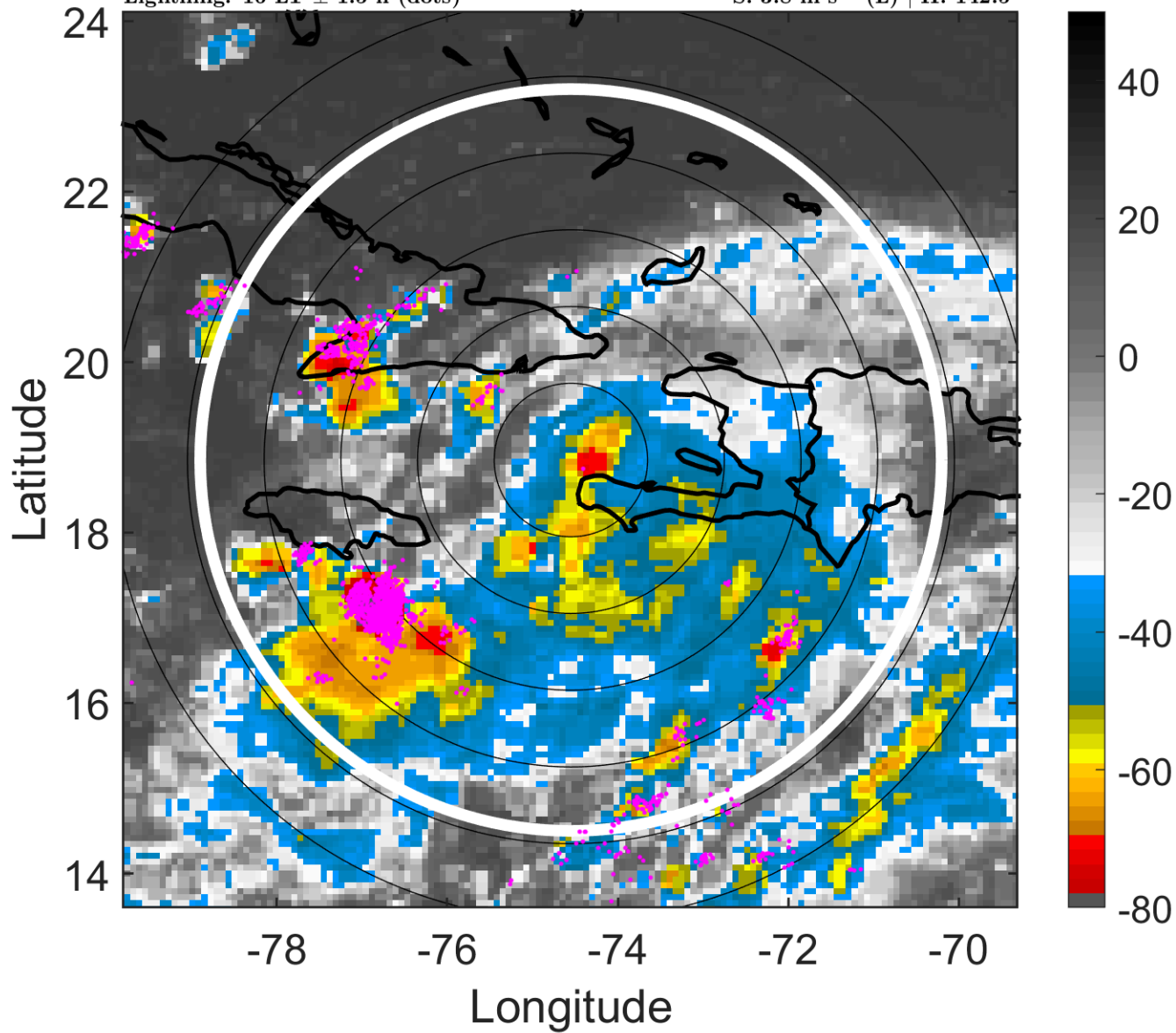
t: 2008082721 (16 LT)

Lightning: 16 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 42.5 kt TS

S: 3.8 m s<sup>-1</sup> (L) | H: 142.5°



### 6-h IR BT Differences & Lightning

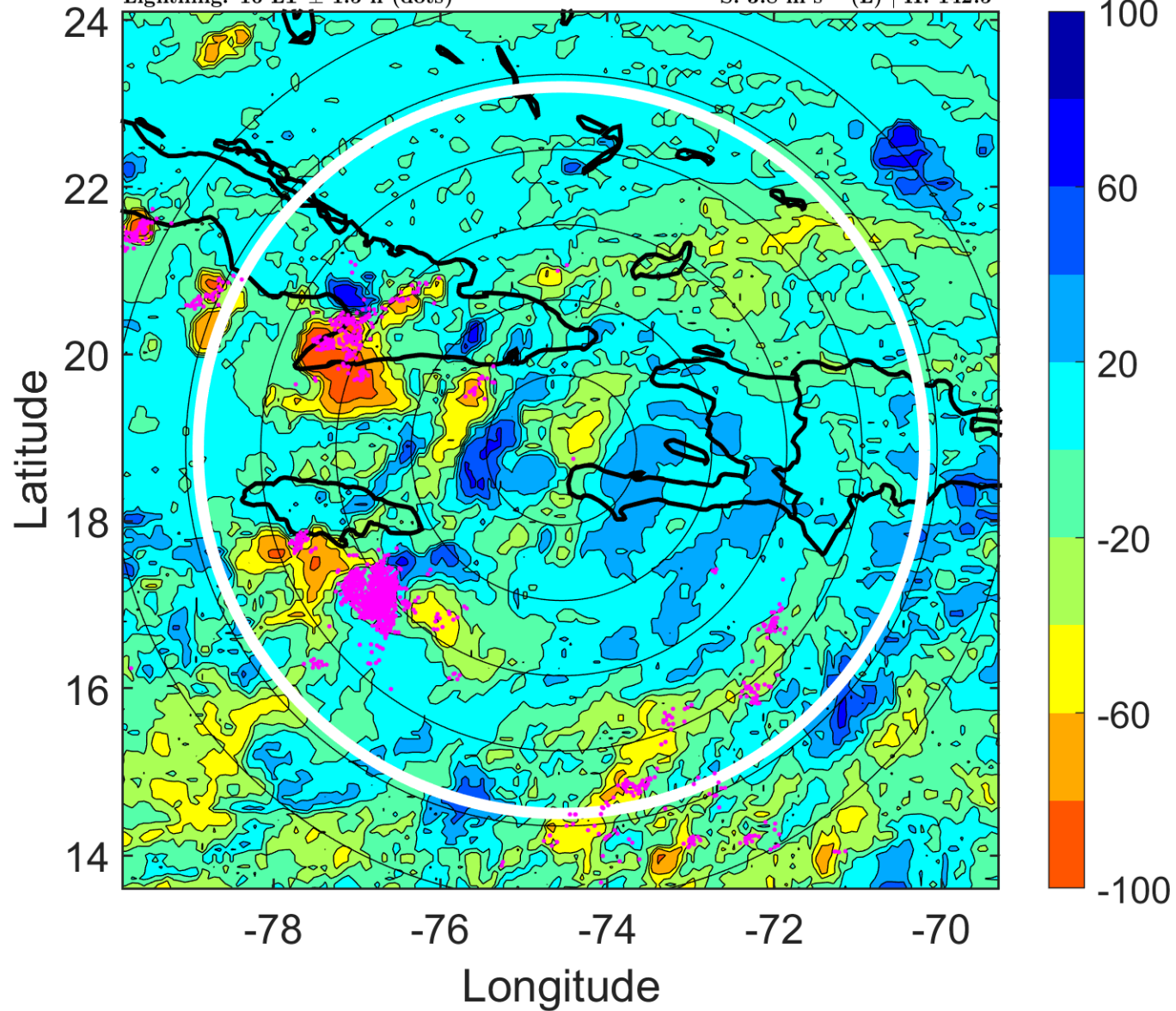
$\Delta$ t: 2008082721 (16 LT) - 2008082715 (10.1 LT)

Lightning: 16 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 42.5 kt TS

S: 3.8 m s<sup>-1</sup> (L) | H: 142.5°





### IR BT & Lightning

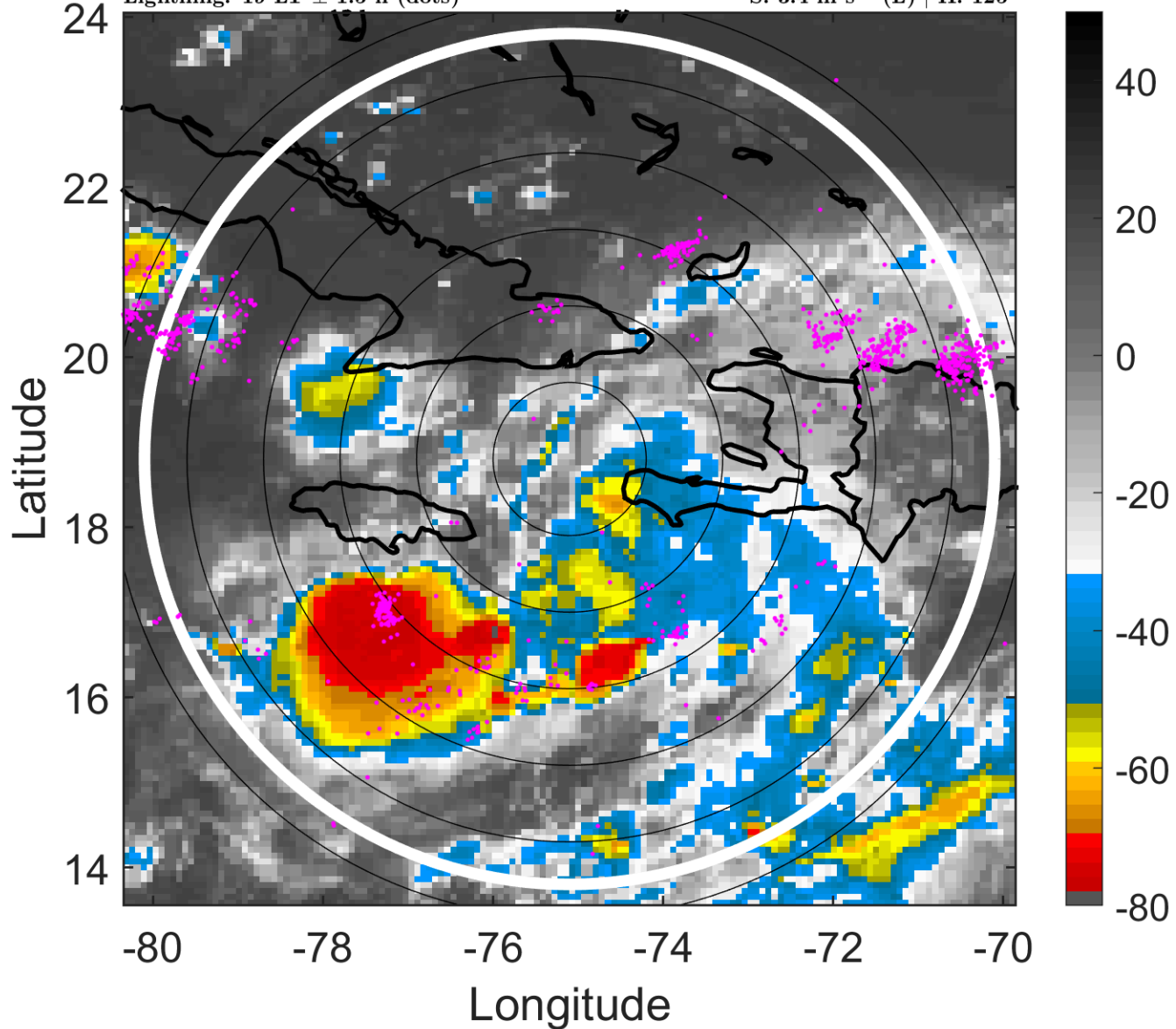
t: 2008082800 (19 LT)

Lightning: 19 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 40 kt TS

S: 3.4 m s<sup>-1</sup> (L) | H: 125°



### 6-h IR BT Differences & Lightning

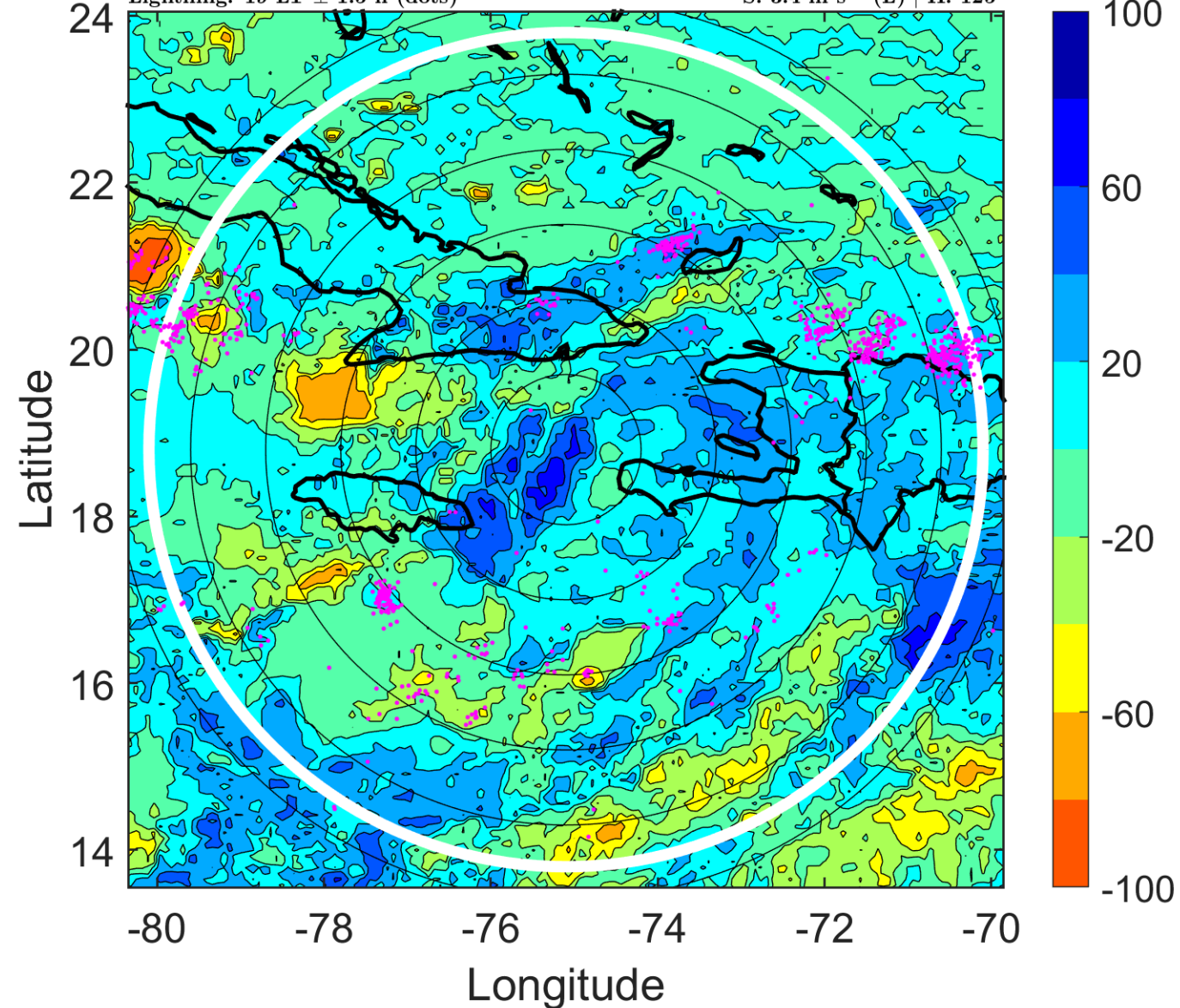
$\Delta$ t: 2008082800 (19 LT) - 2008082718 (13.1 LT)

Lightning: 19 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 40 kt TS

S: 3.4 m s<sup>-1</sup> (L) | H: 125°



### IR BT & Lightning

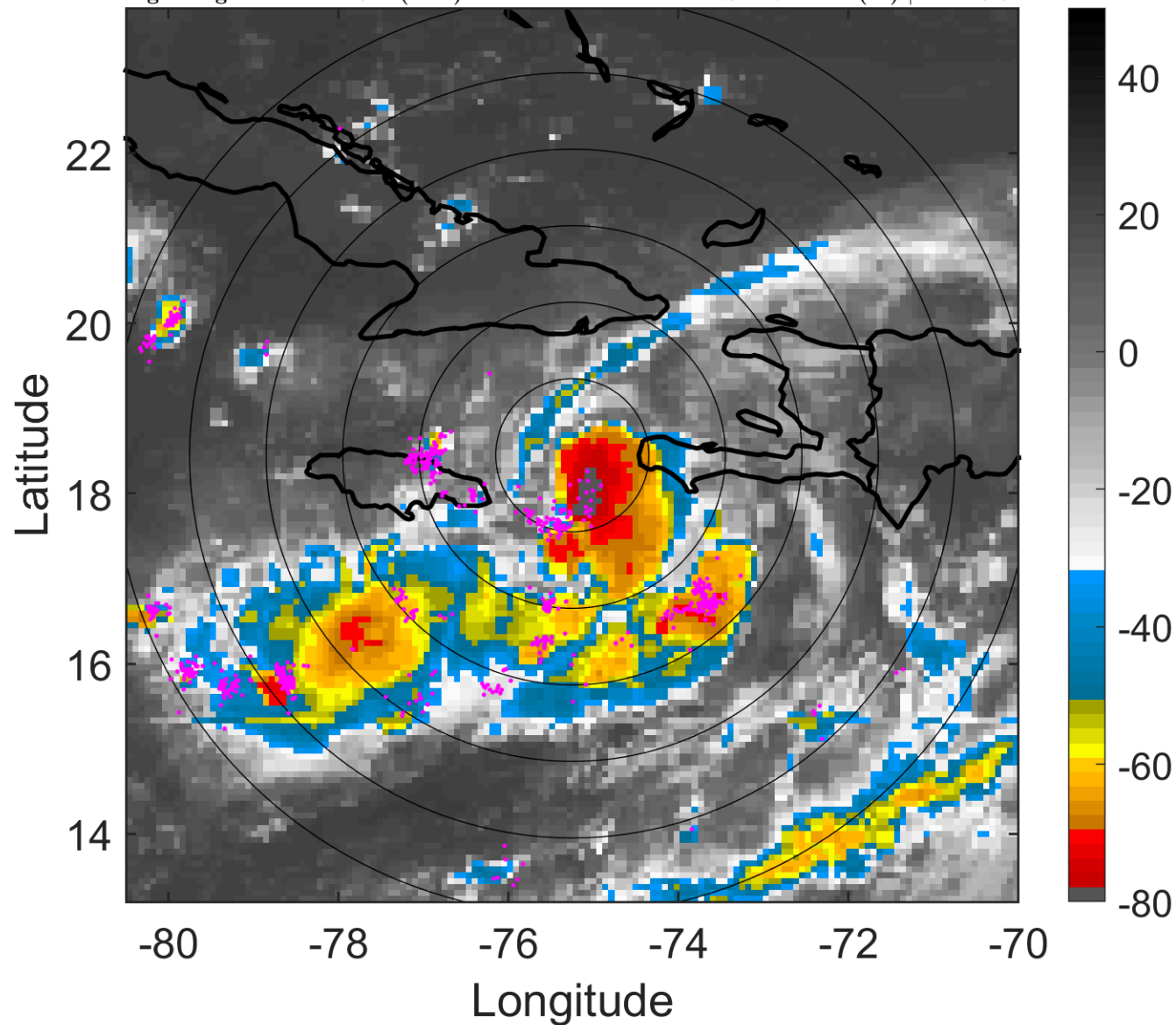
t: 2008082803 (22 LT)

Lightning: 22 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 42.5 kt TS

S: 4.7 m s<sup>-1</sup> (M) | H: 120.5°



### 6-h IR BT Differences & Lightning

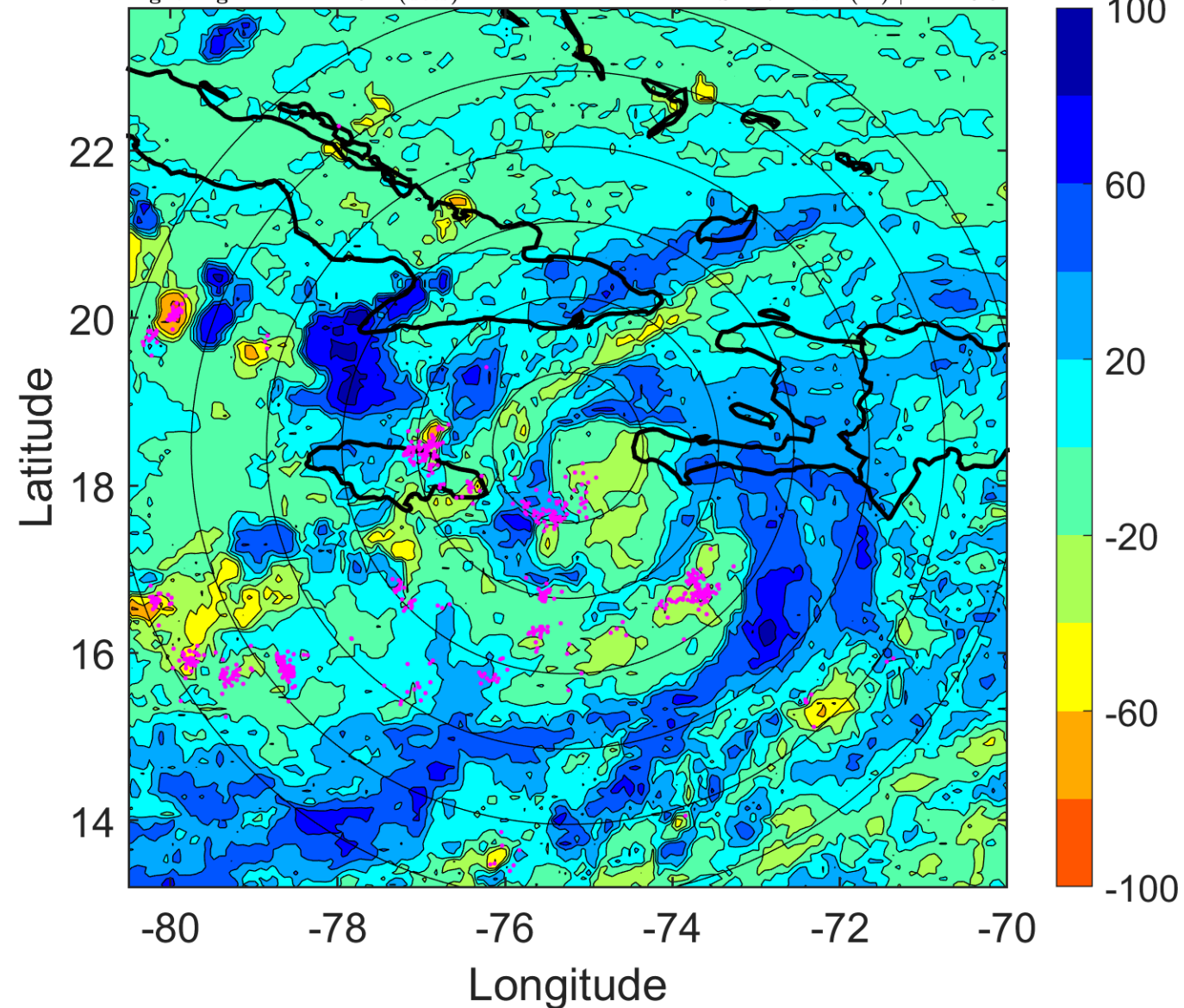
$\Delta$ t: 2008082803 (22 LT) - 2008082721 (16 LT)

Lightning: 22 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

07L (GUSTAV) | 42.5 kt TS

S: 4.7 m s<sup>-1</sup> (M) | H: 120.5°





### IR BT & Lightning

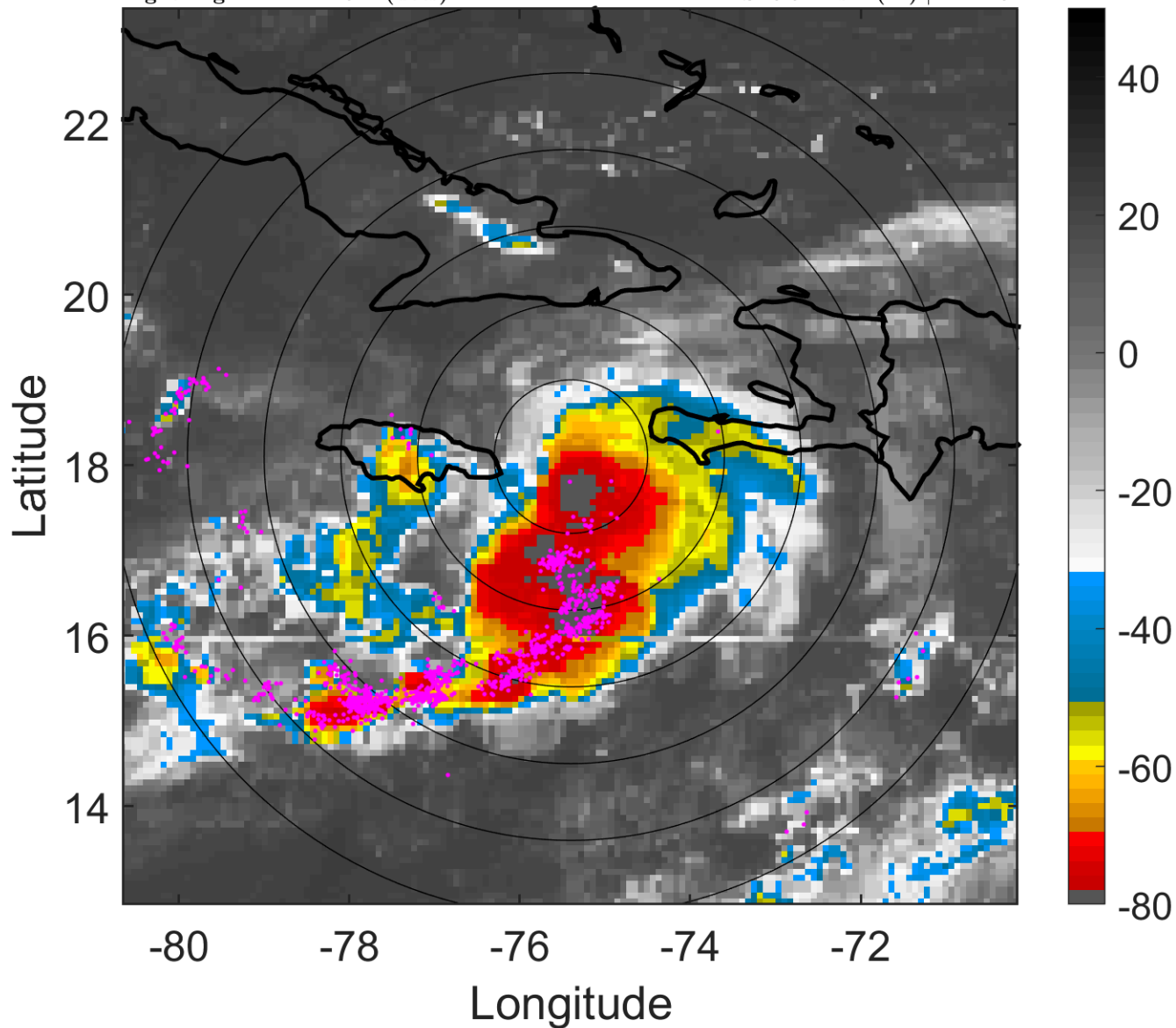
t: 2008082806 (1 LT)

Lightning: 1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 45 kt TS

S: 5.9 m s<sup>-1</sup> (M) | H: 116°



### 6-h IR BT Differences & Lightning

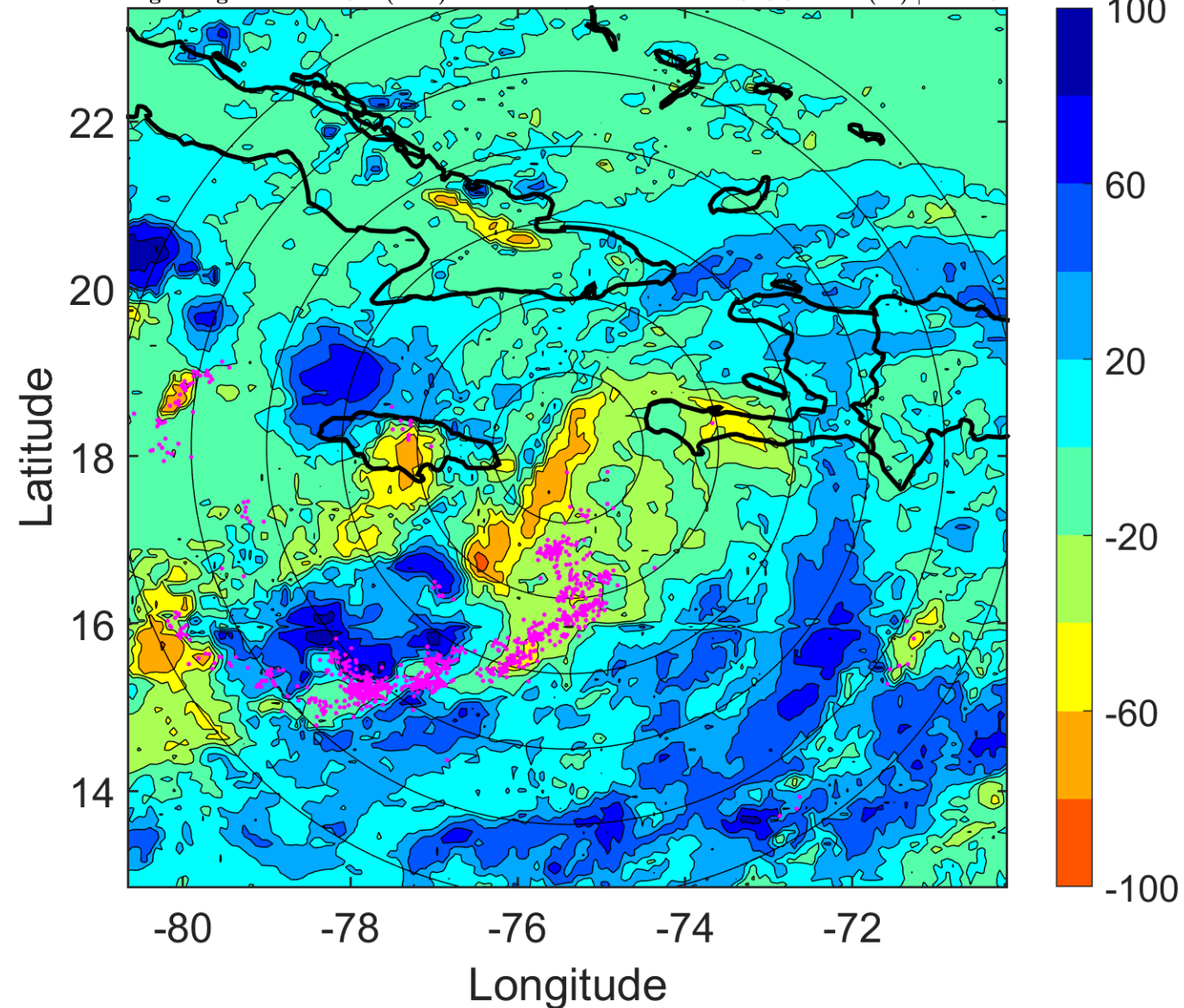
$\Delta$ t: 2008082806 (1 LT) - 2008082800 (19 LT)

Lightning: 1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 45 kt TS

S: 5.9 m s<sup>-1</sup> (M) | H: 116°



### IR BT & Lightning

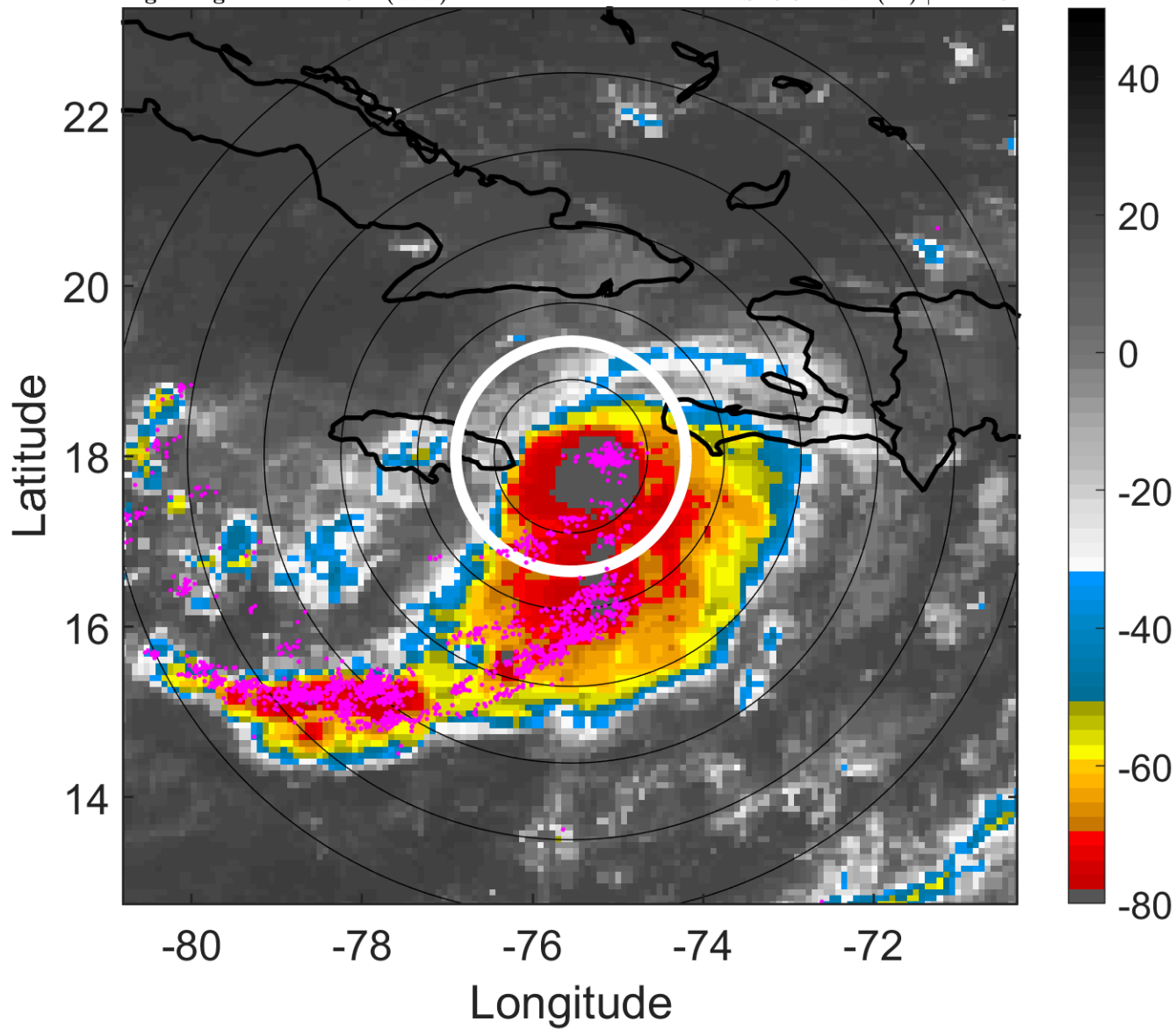
t: 2008082809 (4 LT)

Lightning: 4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 52.5 kt TS

S: 6.8 m s<sup>-1</sup> (M) | H: 125°



### 6-h IR BT Differences & Lightning

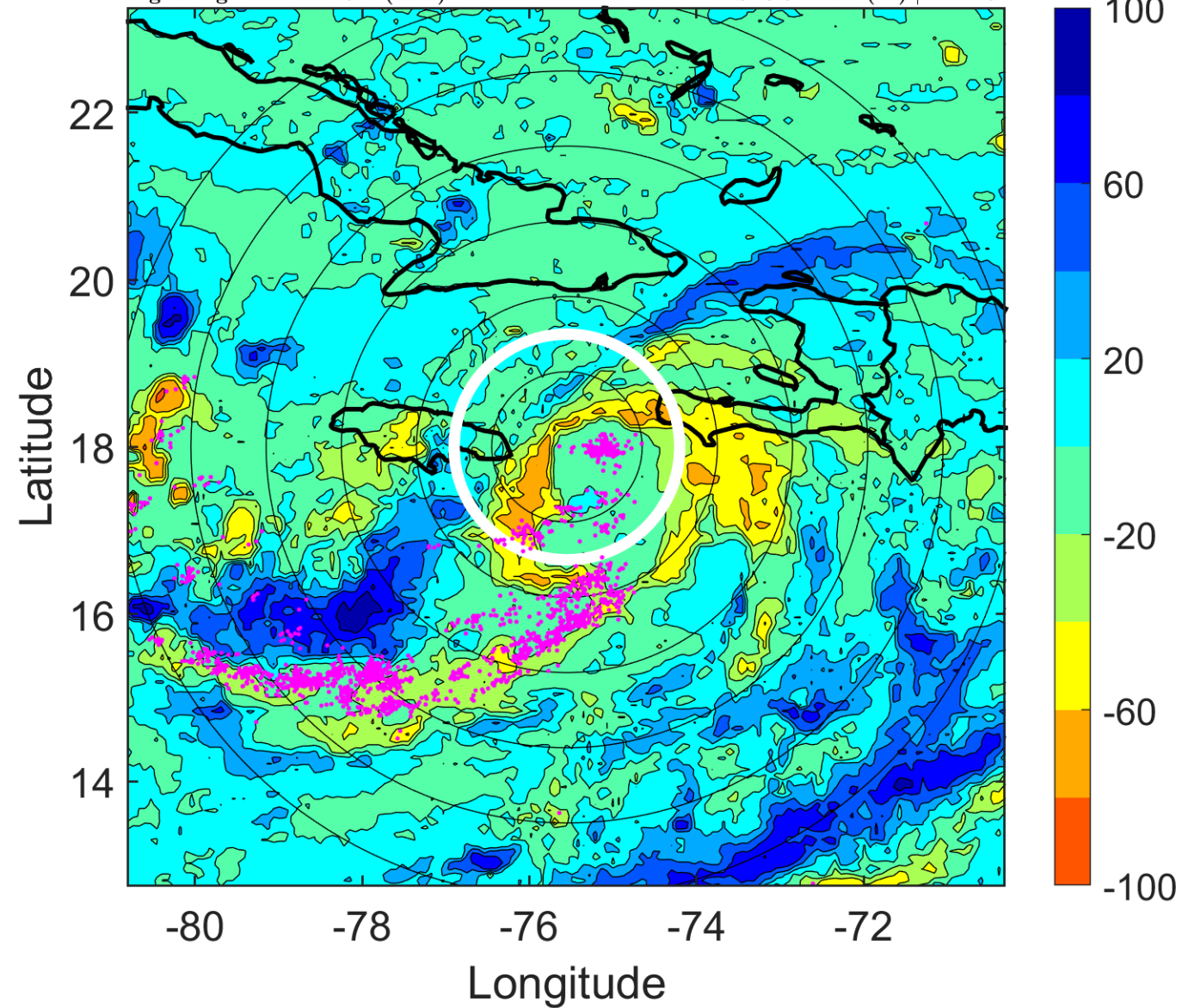
$\Delta$ t: 2008082809 (4 LT) - 2008082803 (22 LT)

Lightning: 4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 52.5 kt TS

S: 6.8 m s<sup>-1</sup> (M) | H: 125°





### IR BT & Lightning

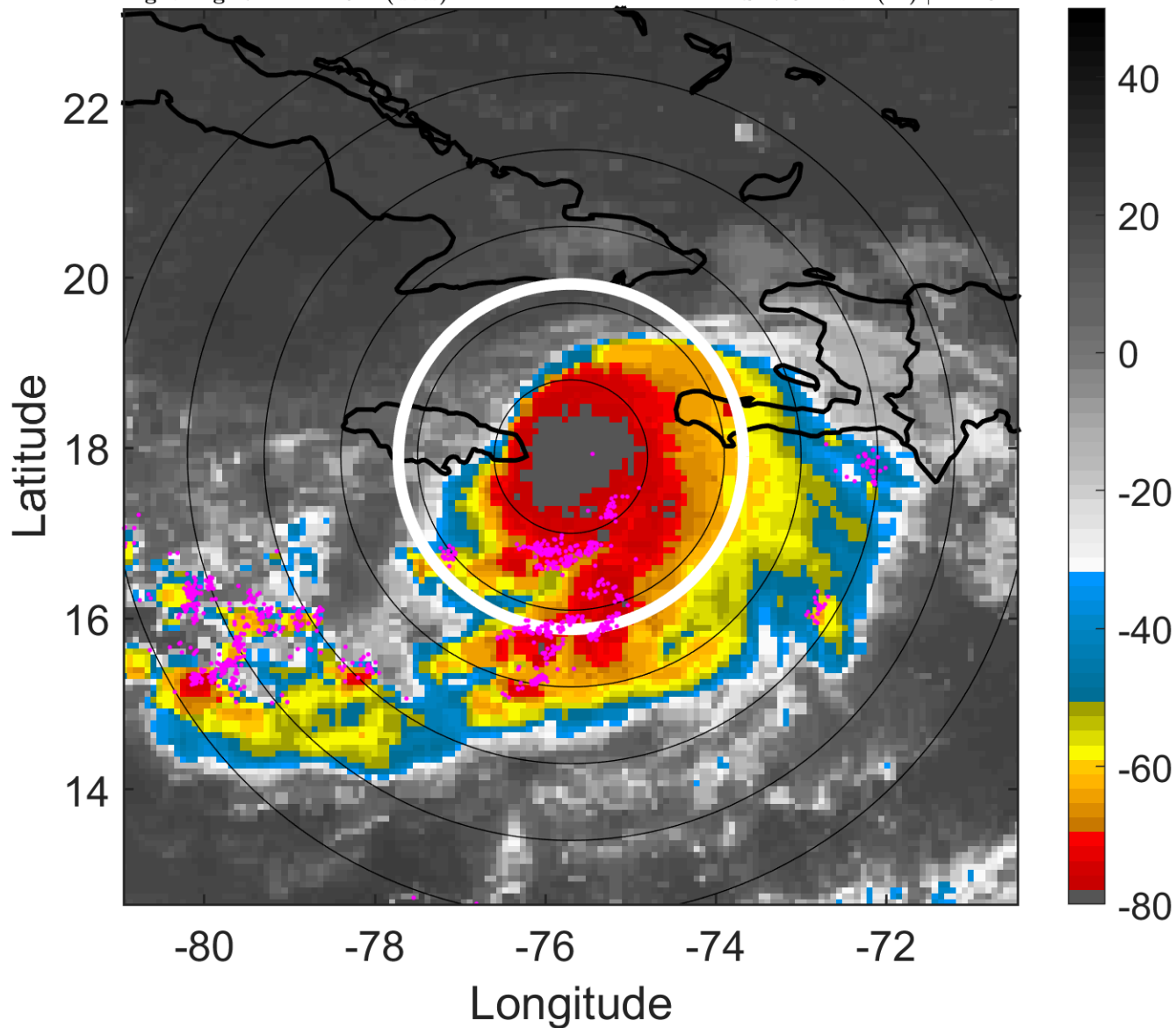
t: 2008082812 (7 LT)

Lightning: 7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 7.8 m s<sup>-1</sup> (M) | H: 134°



### 6-h IR BT Differences & Lightning

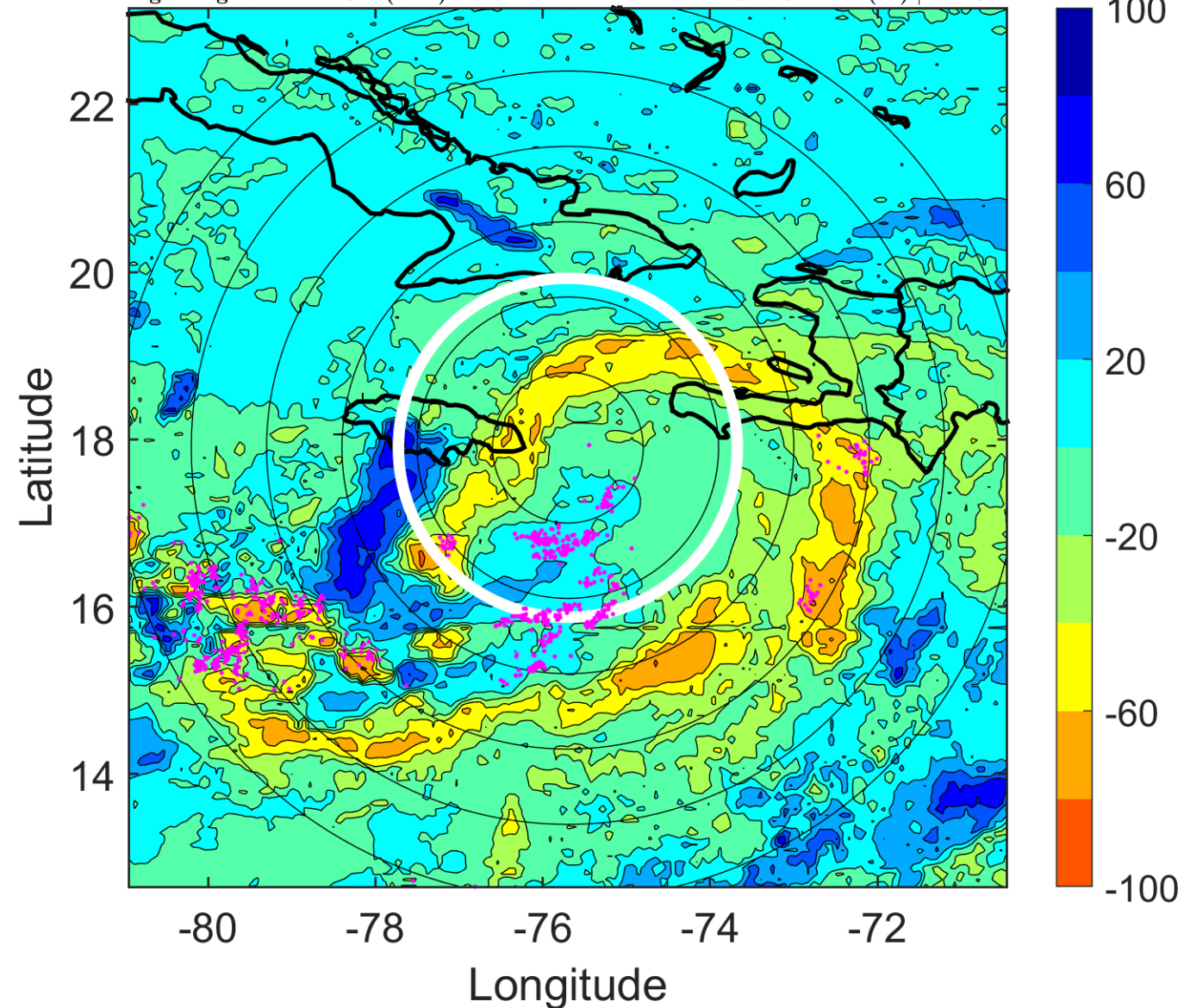
$\Delta$ t: 2008082812 (7 LT) - 2008082806 (1 LT)

Lightning: 7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 7.8 m s<sup>-1</sup> (M) | H: 134°



### IR BT & Lightning

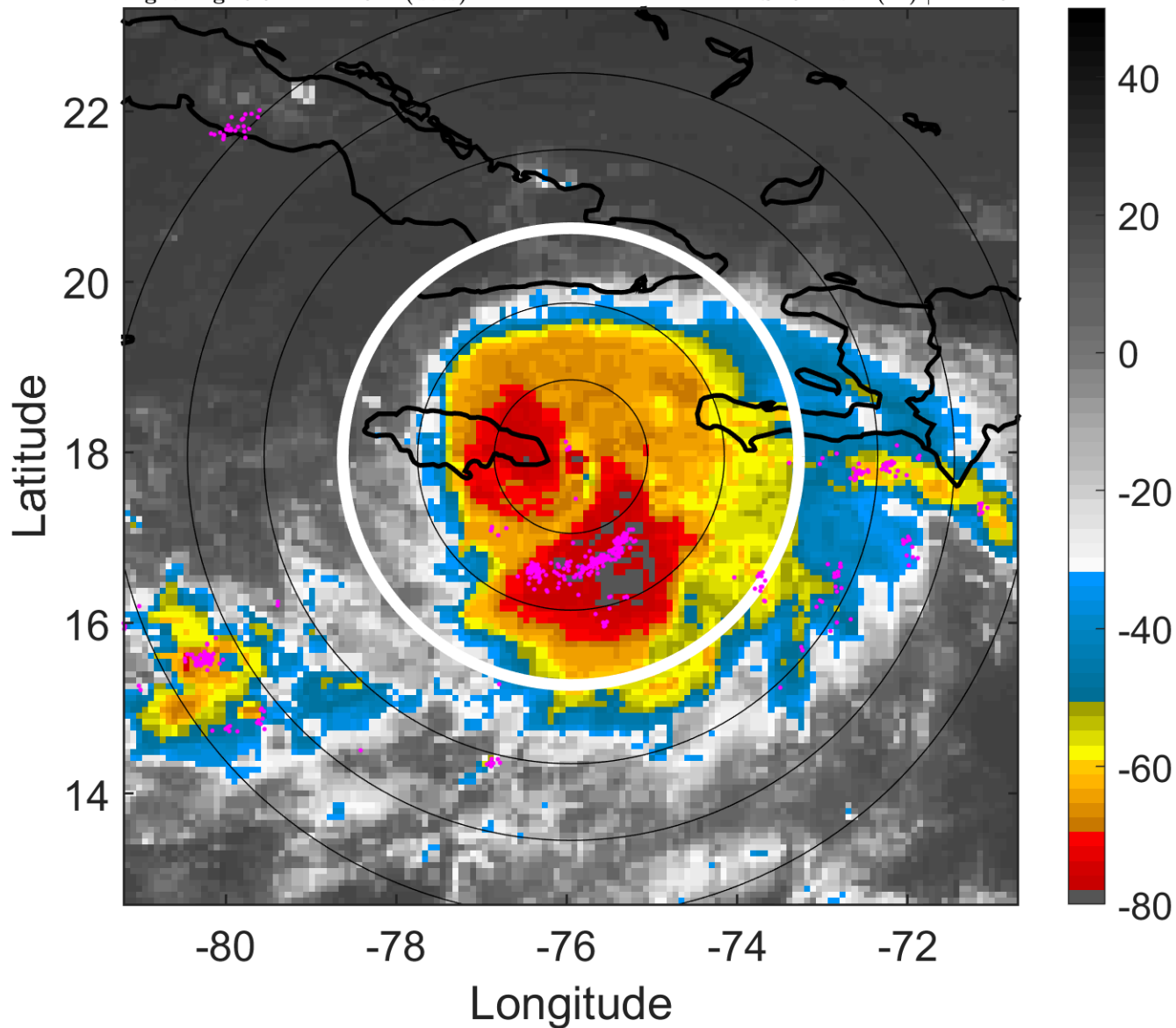
t: 2008082815 (9.9 LT)

Lightning: 9.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 6 m s<sup>-1</sup> (M) | H: 129°



### 6-h IR BT Differences & Lightning

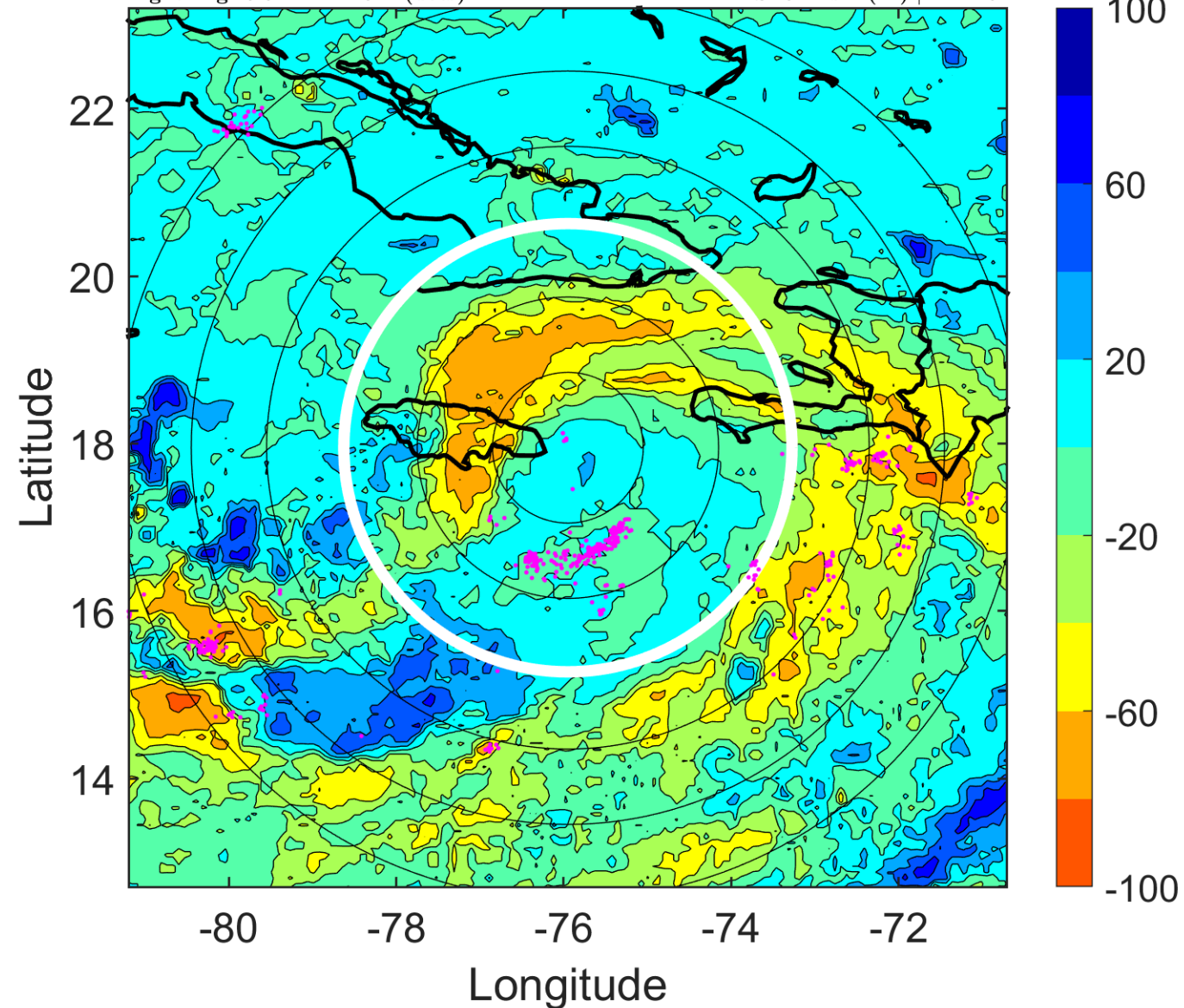
$\Delta$ t: 2008082815 (9.9 LT) - 2008082809 (4 LT)

Lightning: 9.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 6 m s<sup>-1</sup> (M) | H: 129°





### IR BT & Lightning

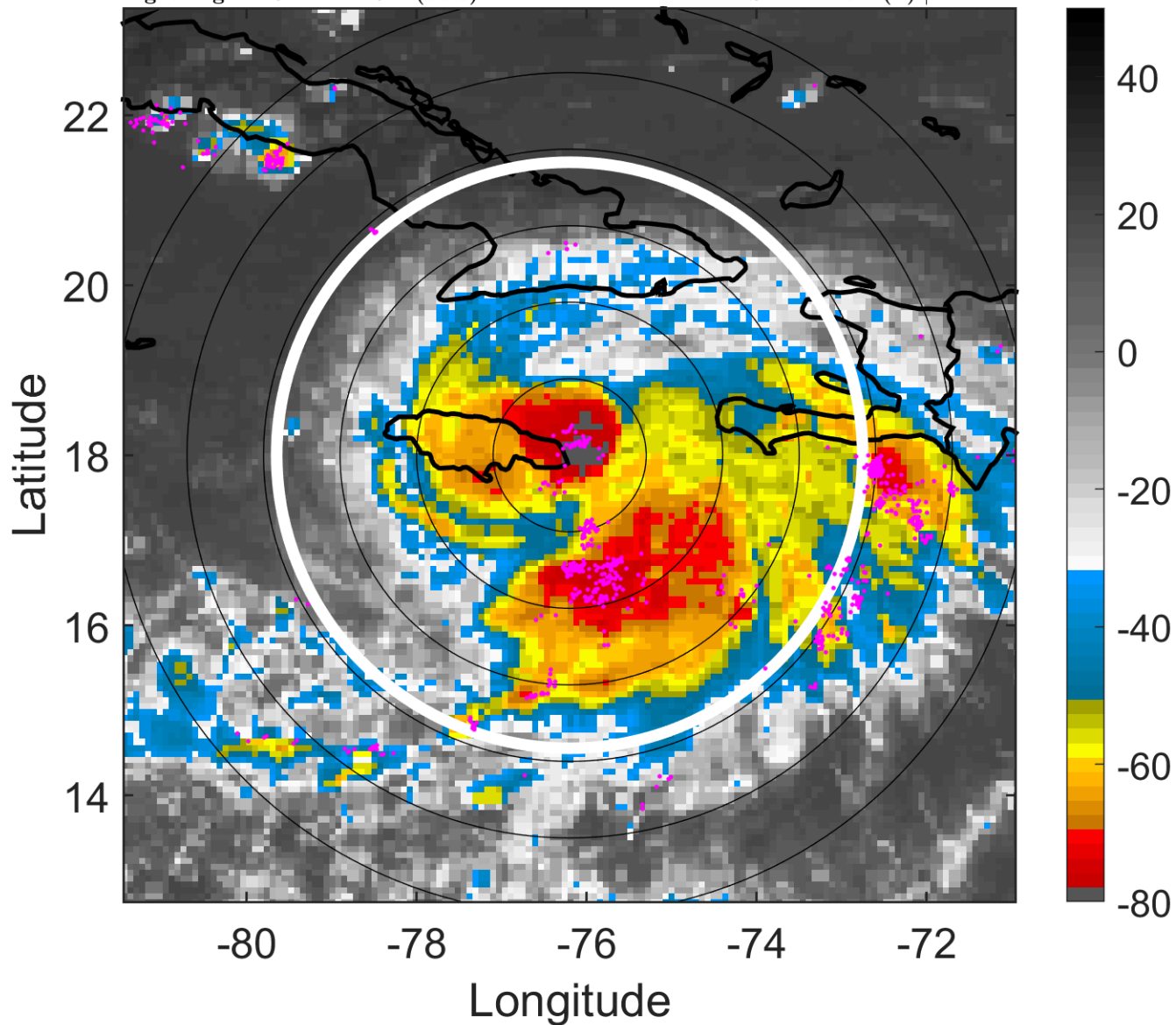
t: 2008082818 (12.9 LT)

Lightning: 12.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 4.2 m s<sup>-1</sup> (L) | H: 124°



### 6-h IR BT Differences & Lightning

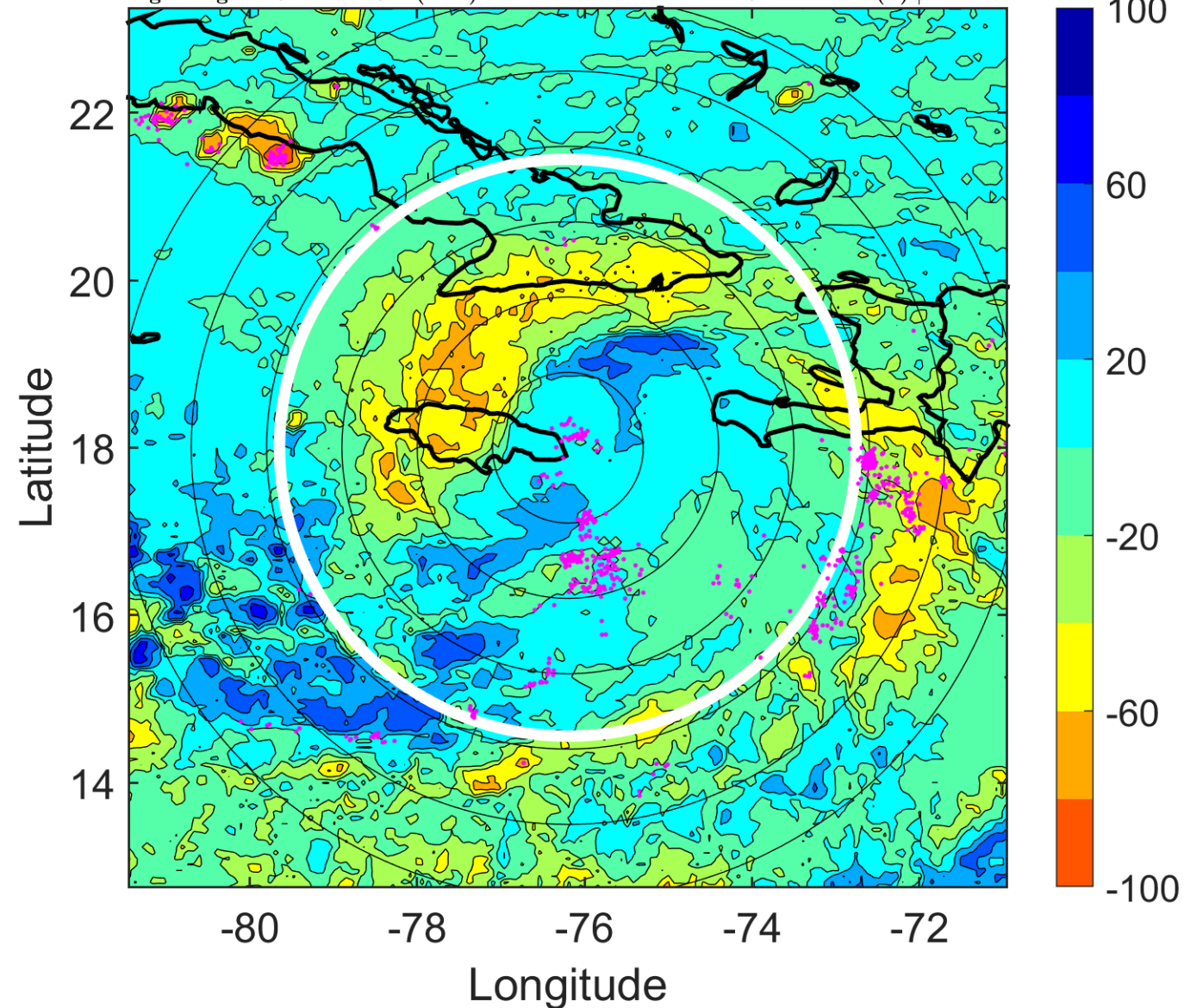
$\Delta$ t: 2008082818 (12.9 LT) - 2008082812 (7 LT)

Lightning: 12.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 4.2 m s<sup>-1</sup> (L) | H: 124°



### IR BT & Lightning

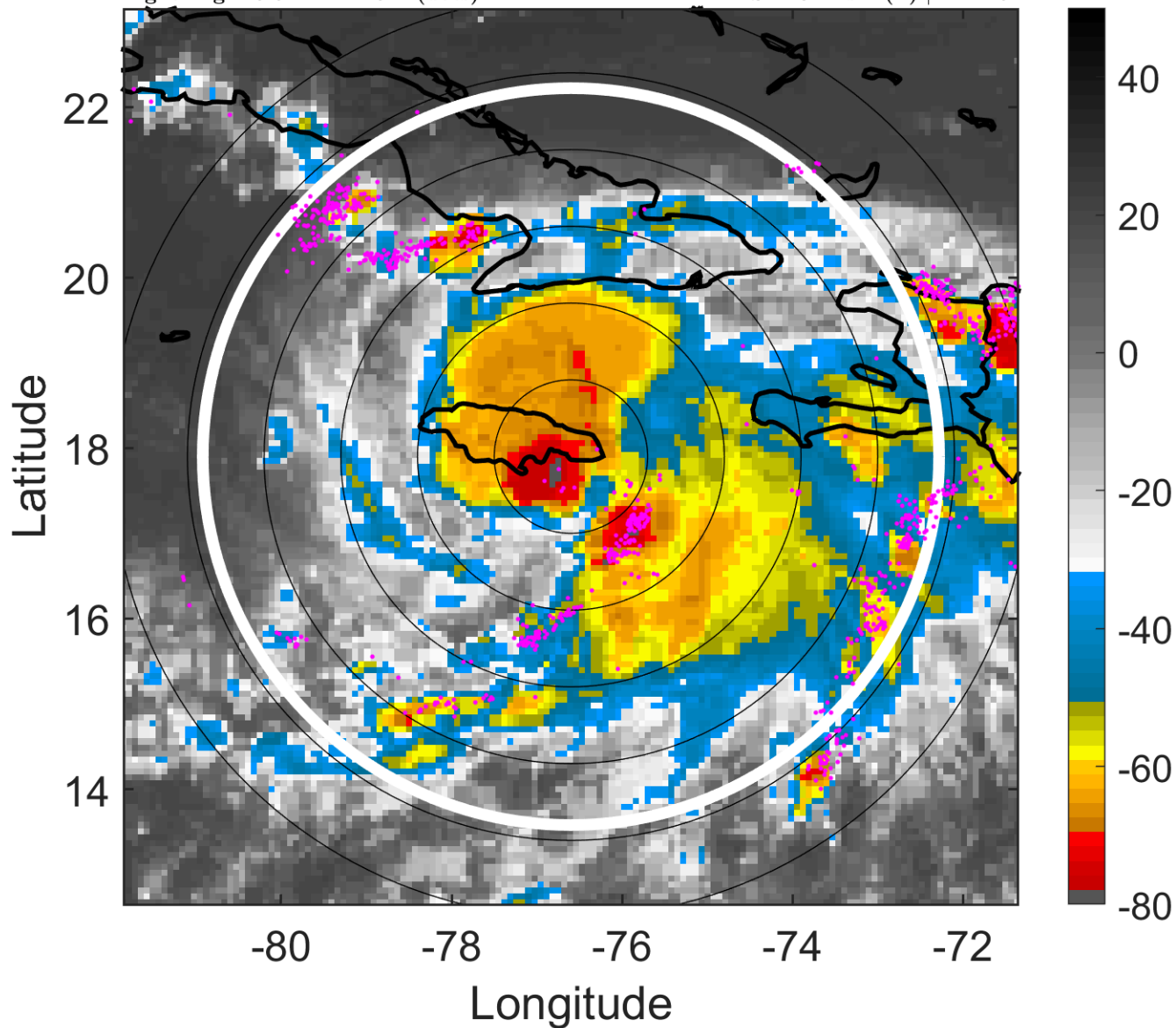
t: 2008082821 (15.9 LT)

Lightning: 15.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 4.3 m s<sup>-1</sup> (L) | H: 115°



### 6-h IR BT Differences & Lightning

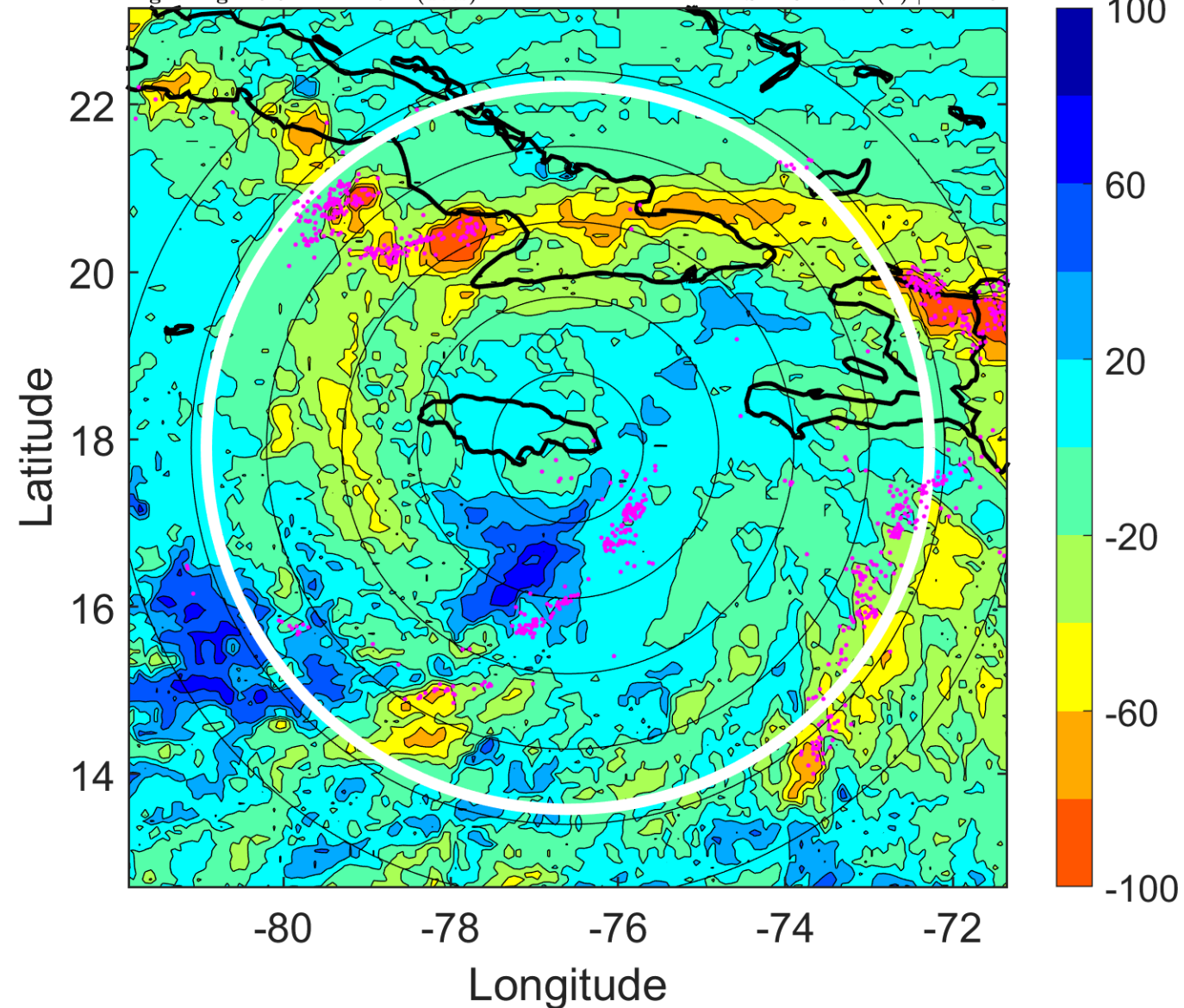
$\Delta$ t: 2008082821 (15.9 LT) - 2008082815 (9.9 LT)

Lightning: 15.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 4.3 m s<sup>-1</sup> (L) | H: 115°





### IR BT & Lightning

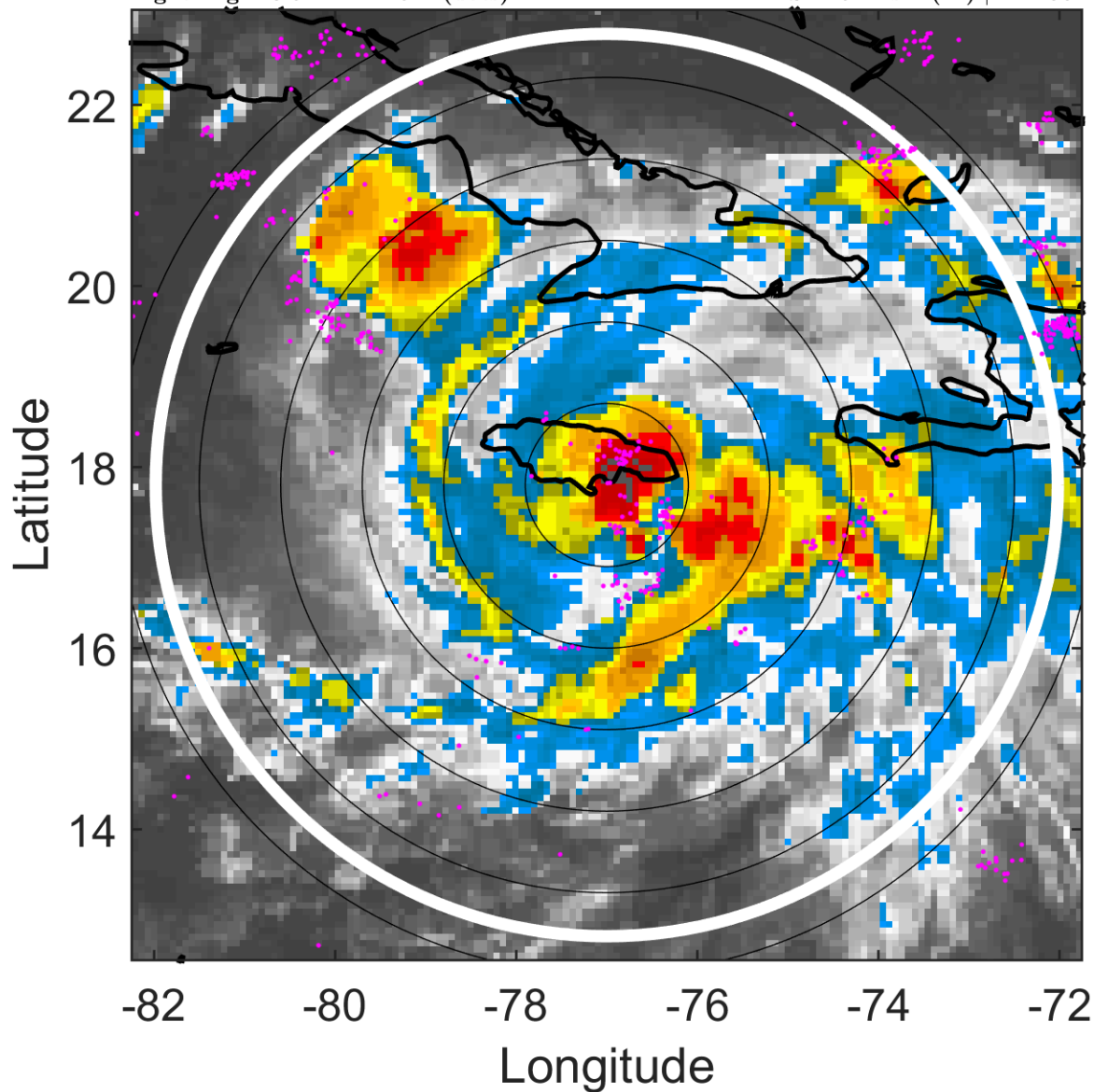
t: 2008082900 (18.9 LT)

Lightning: 18.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 4.5 m s<sup>-1</sup> (M) | H: 106°



### 6-h IR BT Differences & Lightning

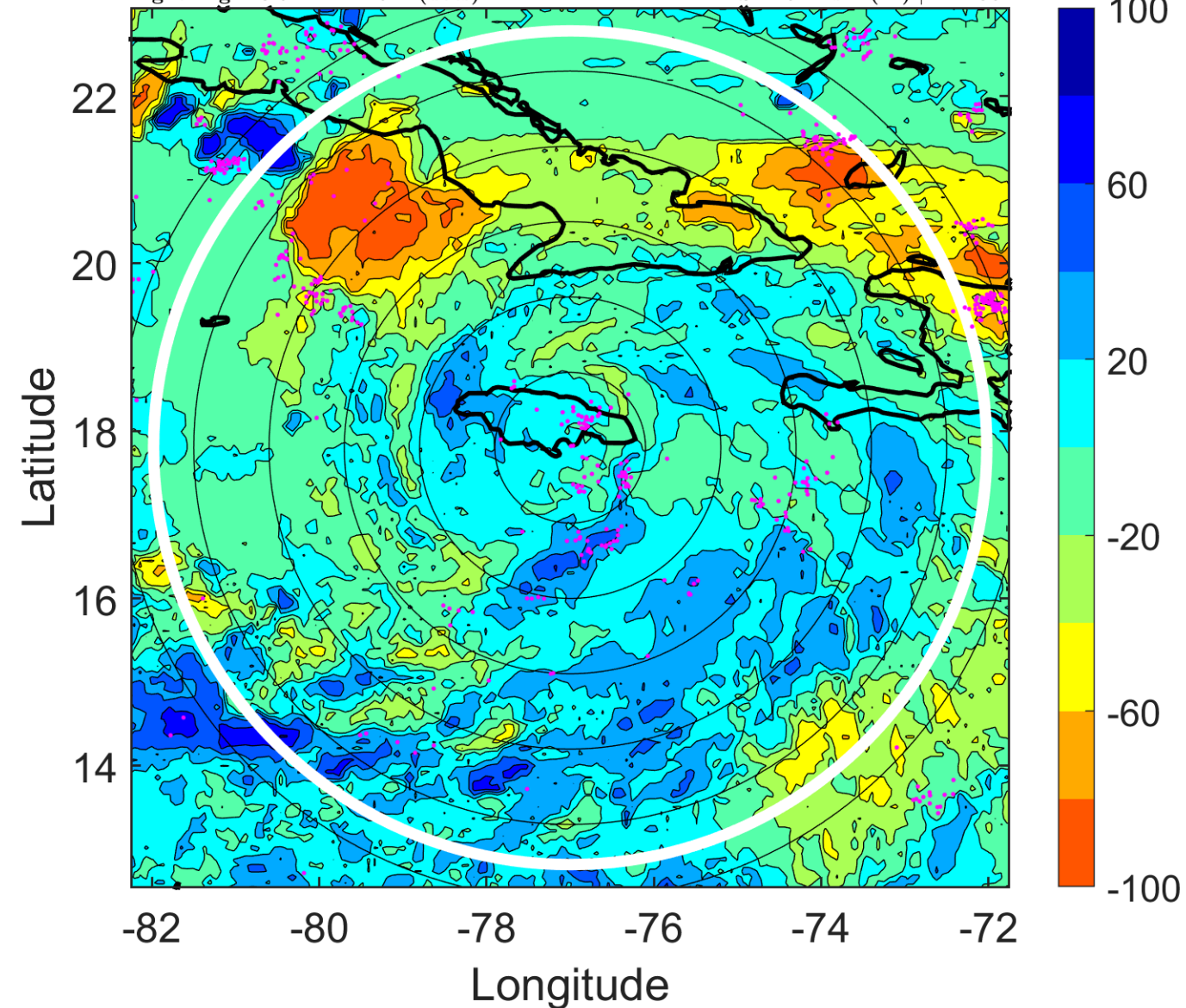
$\Delta$ t: 2008082900 (18.9 LT) - 2008082818 (12.9 LT)

Lightning: 18.9 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 60 kt TS

S: 4.5 m s<sup>-1</sup> (M) | H: 106°



### IR BT & Lightning

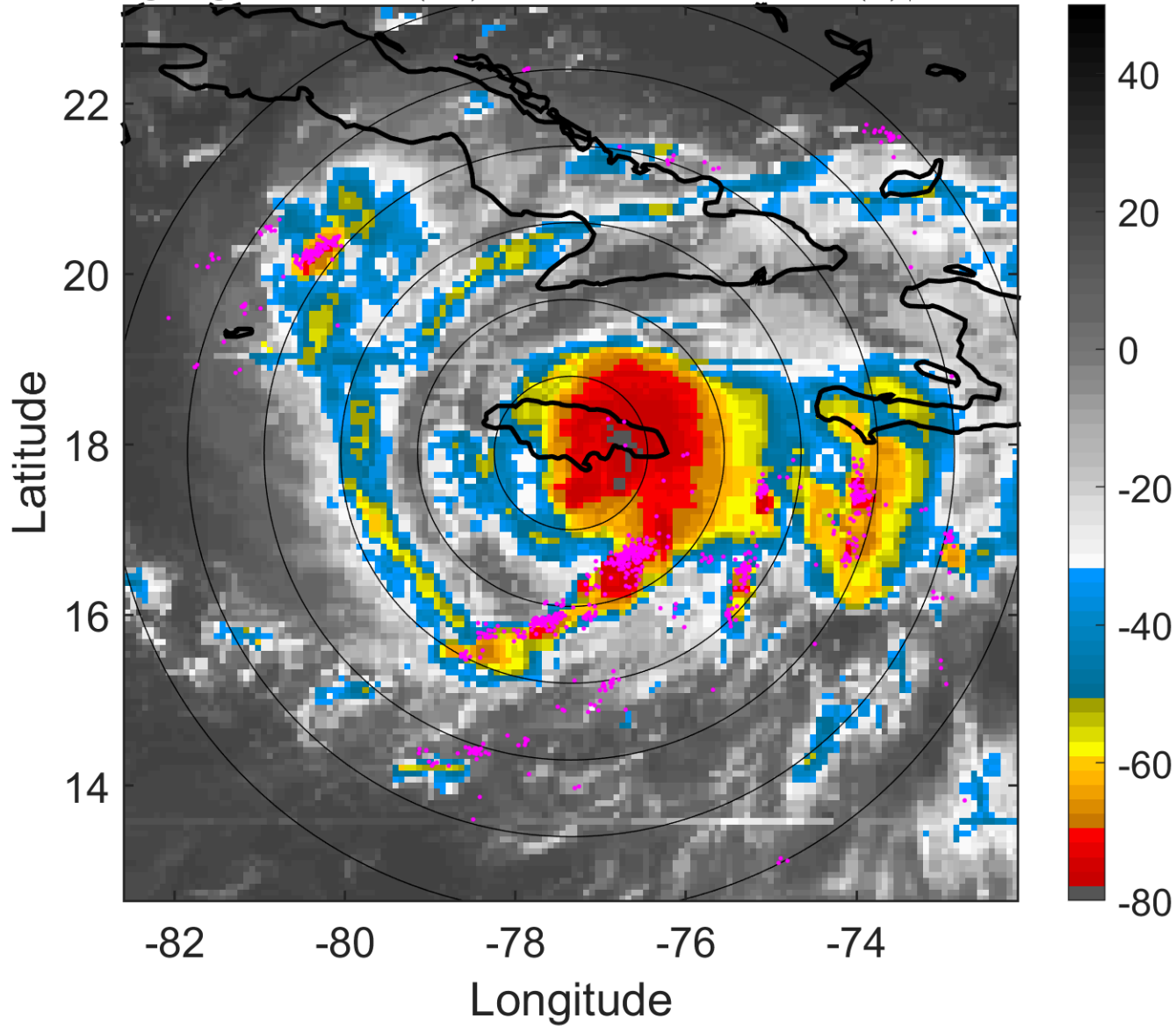
t: 2008082903 (21.8 LT)

Lightning: 21.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 57.5 kt TS

S: 6.1 m s<sup>-1</sup> (M) | H: 120.5°



### 6-h IR BT Differences & Lightning

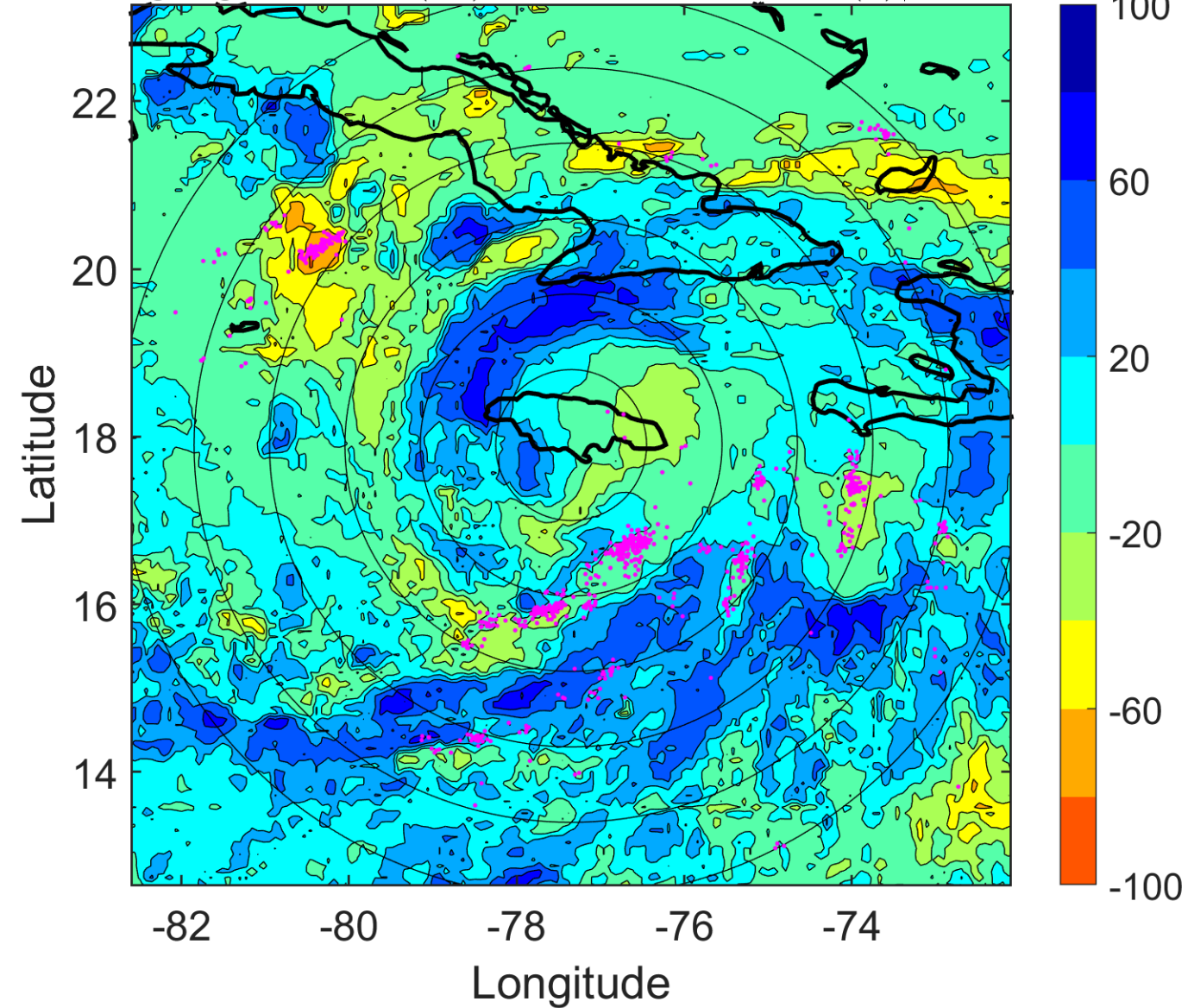
$\Delta$ t: 2008082903 (21.8 LT) - 2008082821 (15.9 LT)

Lightning: 21.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 57.5 kt TS

S: 6.1 m s<sup>-1</sup> (M) | H: 120.5°





### IR BT & Lightning

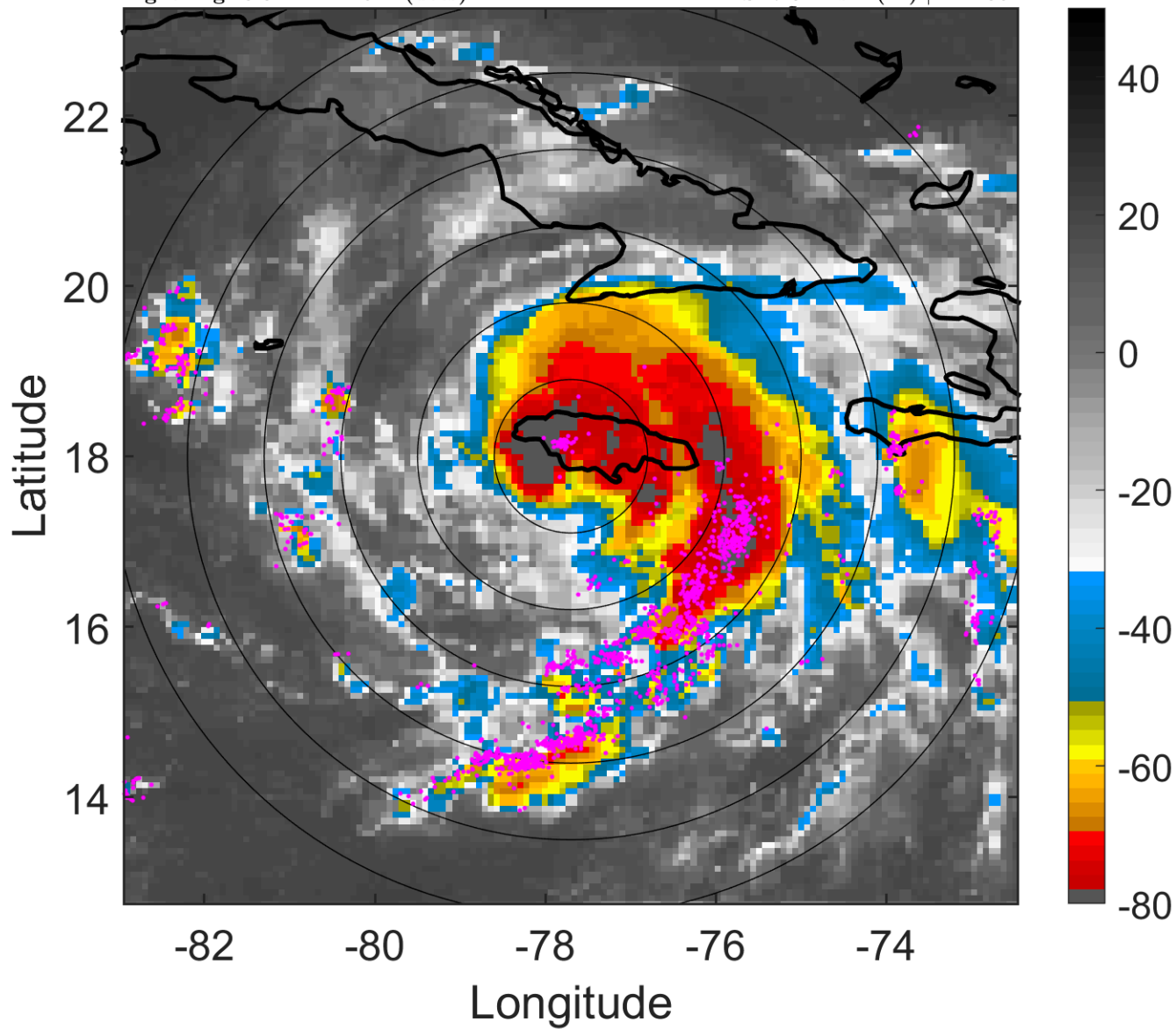
t: 2008082906 (0.8 LT)

Lightning: 0.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 55 kt TS

S: 7.8 m s<sup>-1</sup> (M) | H: 135°



### 6-h IR BT Differences & Lightning

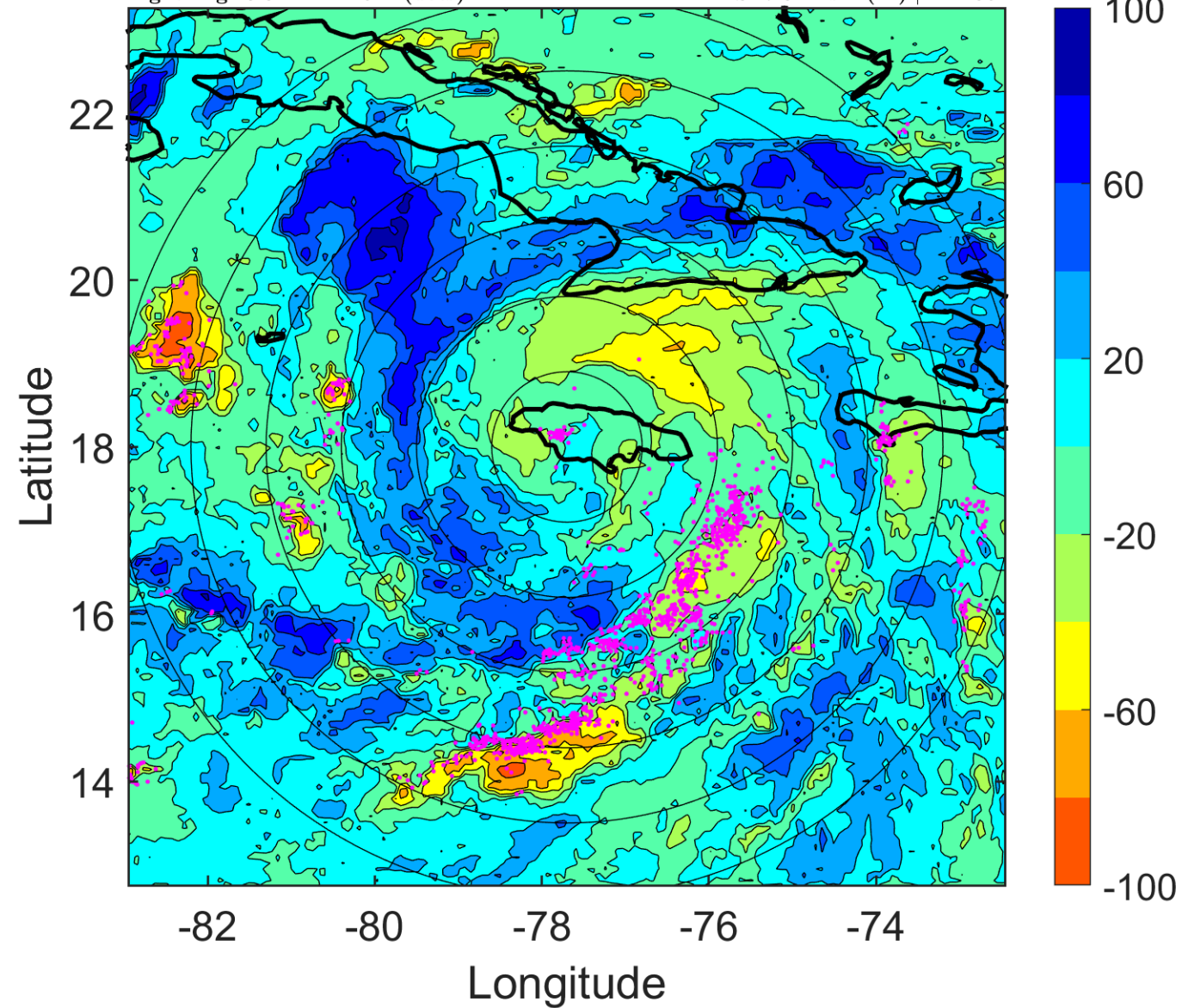
$\Delta$ t: 2008082906 (0.8 LT) - 2008082900 (18.9 LT)

Lightning: 0.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 55 kt TS

S: 7.8 m s<sup>-1</sup> (M) | H: 135°



### IR BT & Lightning

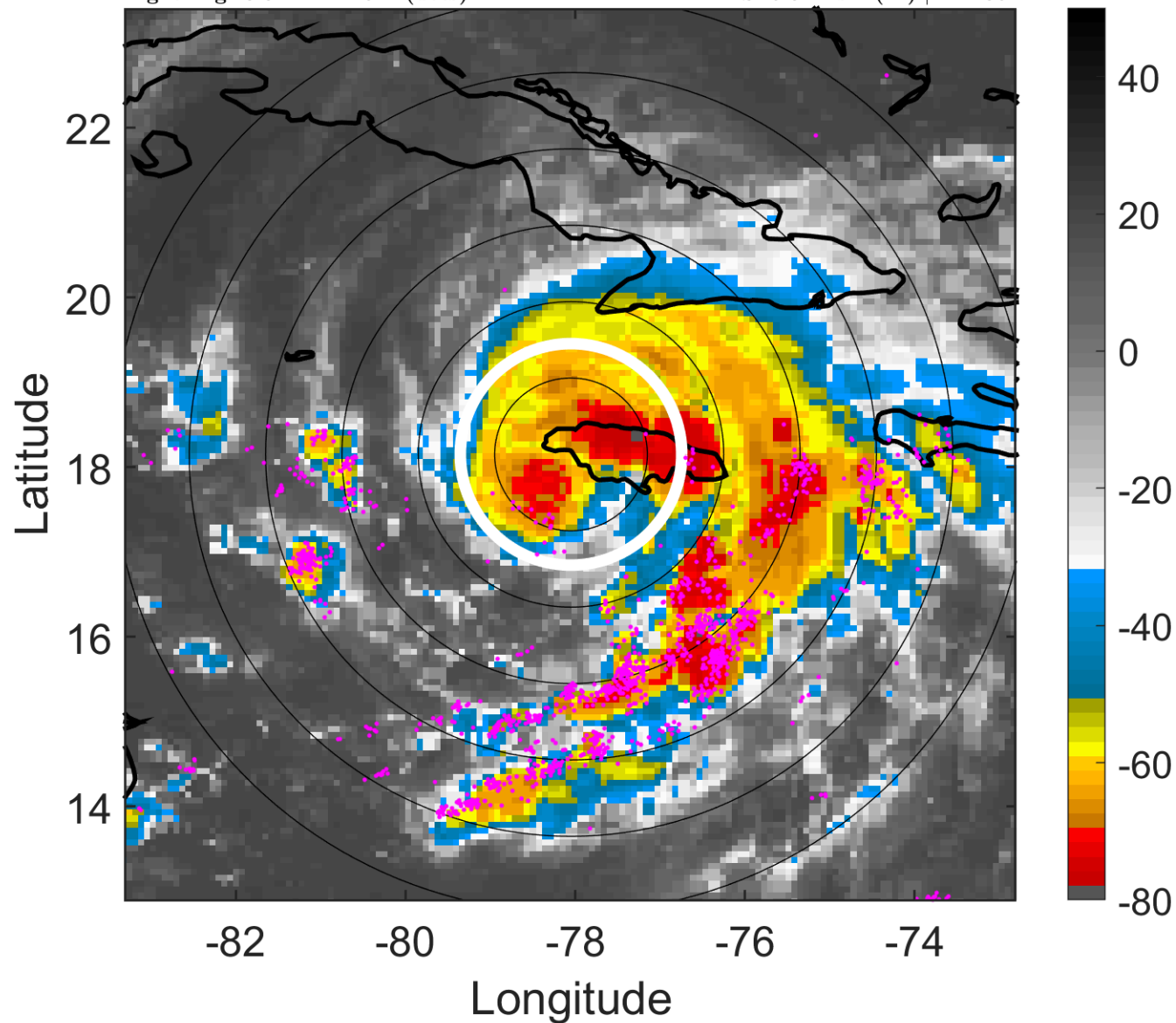
t: 2008082909 (3.8 LT)

Lightning: 3.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 52.5 kt TS

S: 5.3 m s<sup>-1</sup> (M) | H: 135°



### 6-h IR BT Differences & Lightning

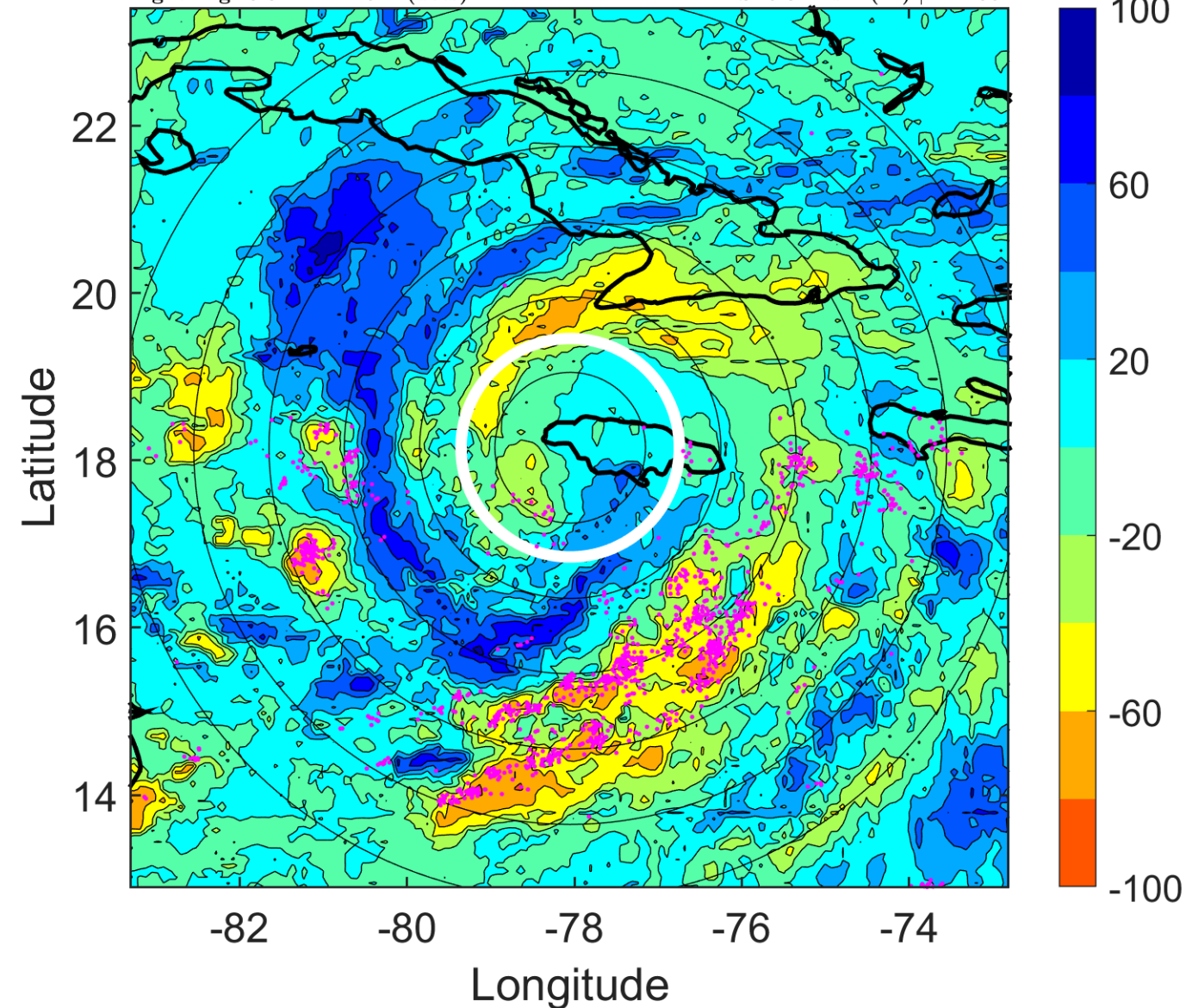
$\Delta$ t: 2008082909 (3.8 LT) - 2008082903 (21.8 LT)

Lightning: 3.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 52.5 kt TS

S: 5.3 m s<sup>-1</sup> (M) | H: 135°





### IR BT & Lightning

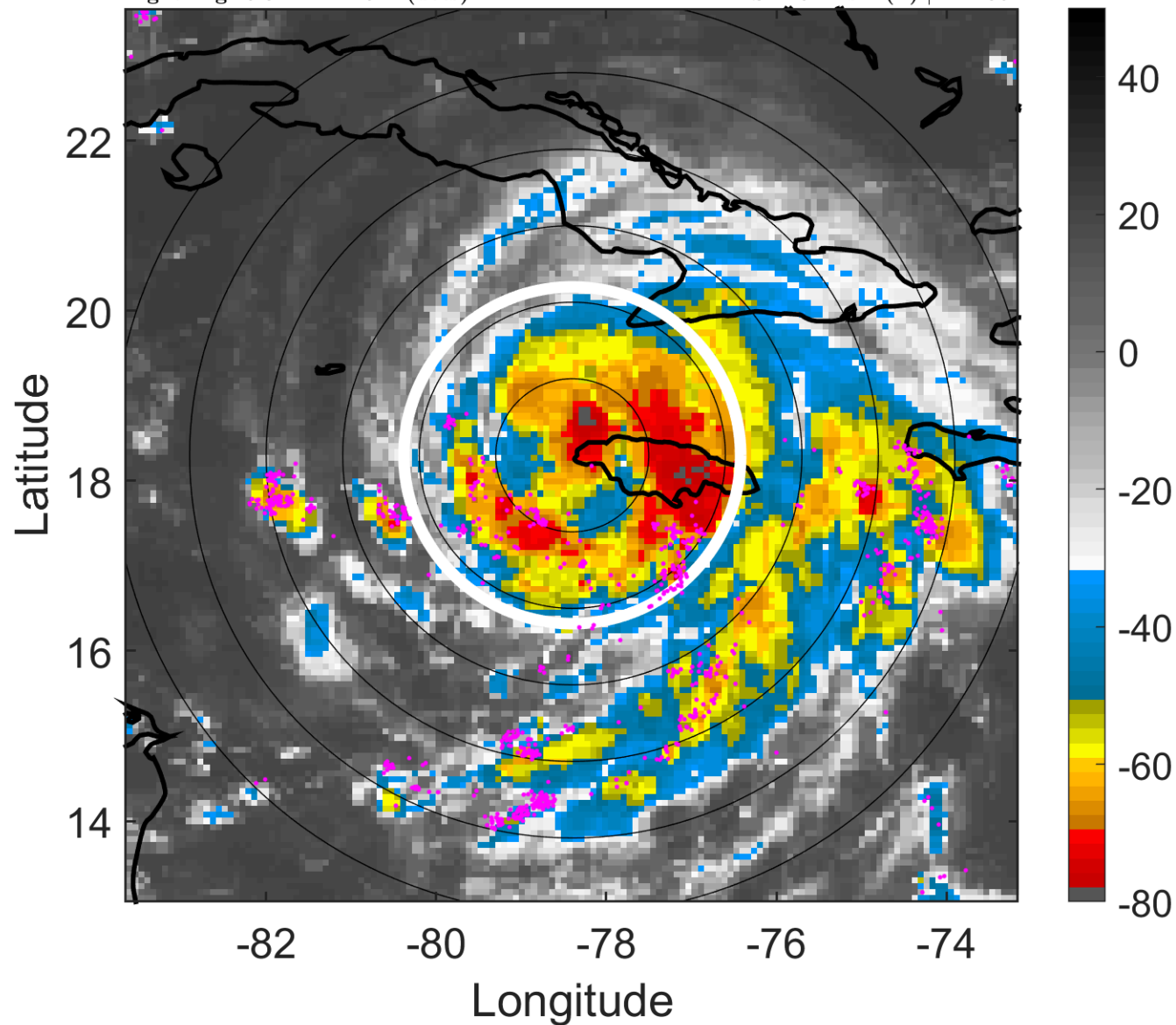
t: 2008082912 (6.8 LT)

Lightning: 6.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 50 kt TS

S: 2.9 m s<sup>-1</sup> (L) | H: 135°



### 6-h IR BT Differences & Lightning

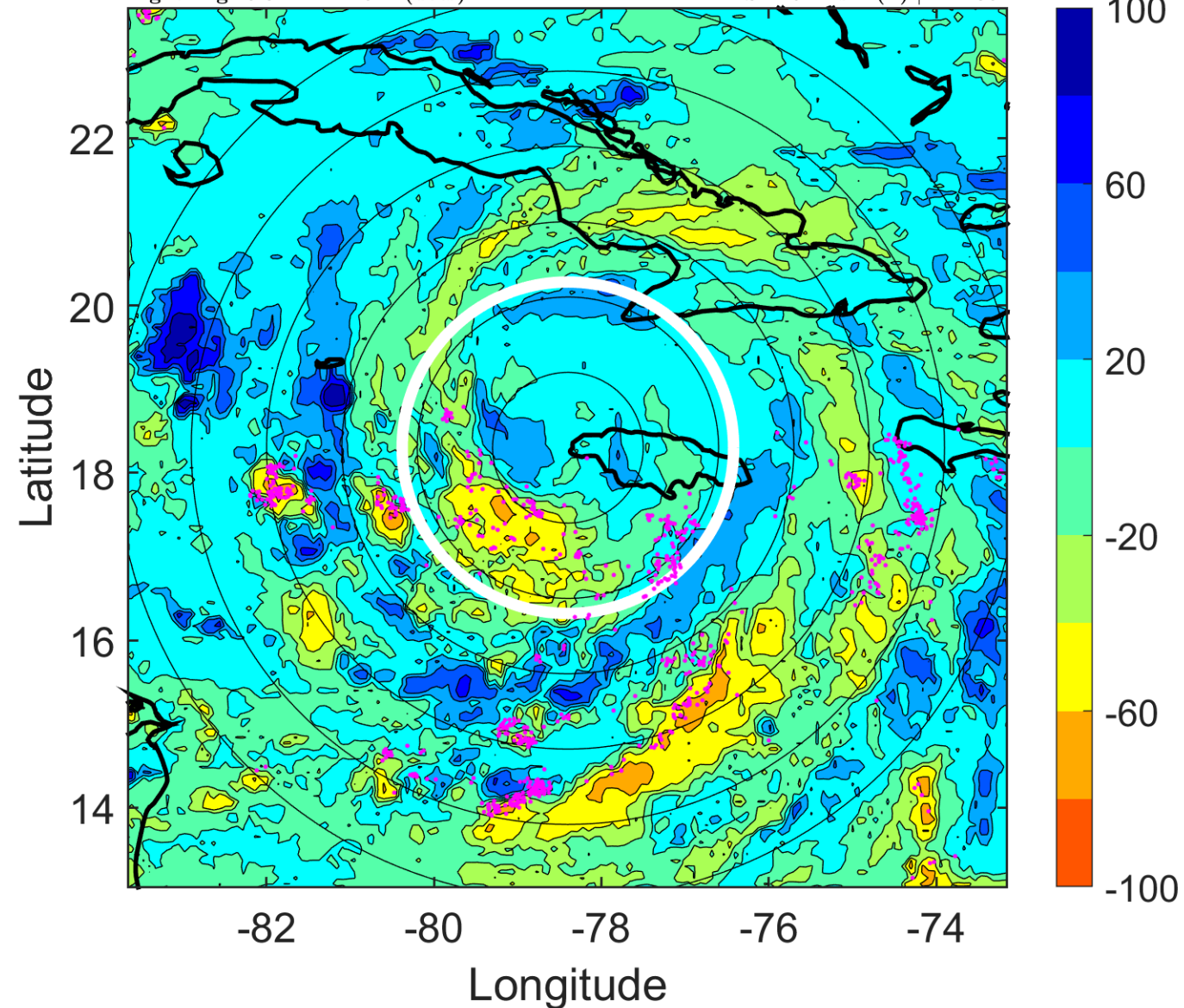
$\Delta$ t: 2008082912 (6.8 LT) - 2008082906 (0.8 LT)

Lightning: 6.8 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 50 kt TS

S: 2.9 m s<sup>-1</sup> (L) | H: 135°



### IR BT & Lightning

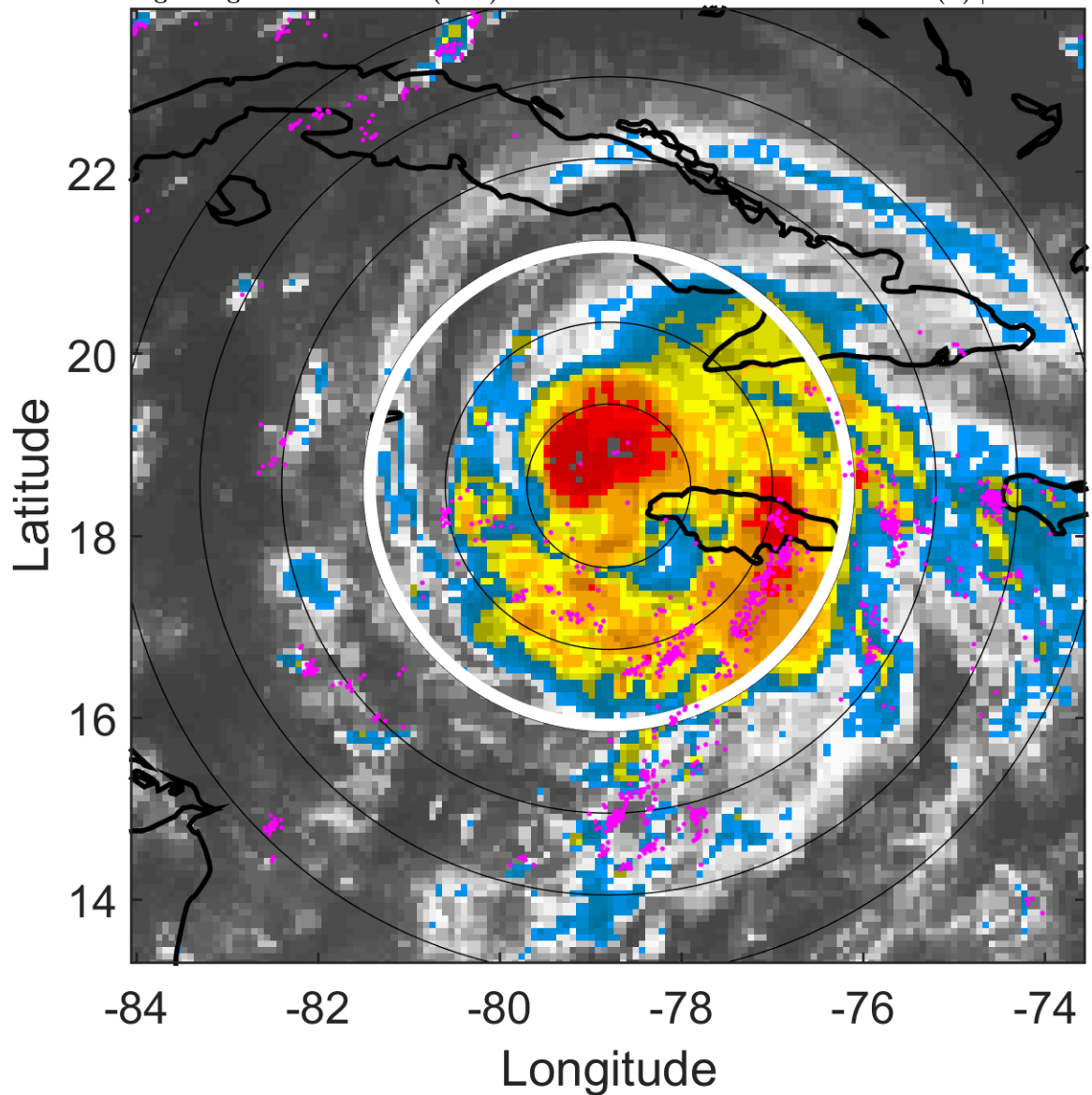
t: 2008082915 (9.7 LT)

Lightning: 9.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 57.5 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 83.5°



### 6-h IR BT Differences & Lightning

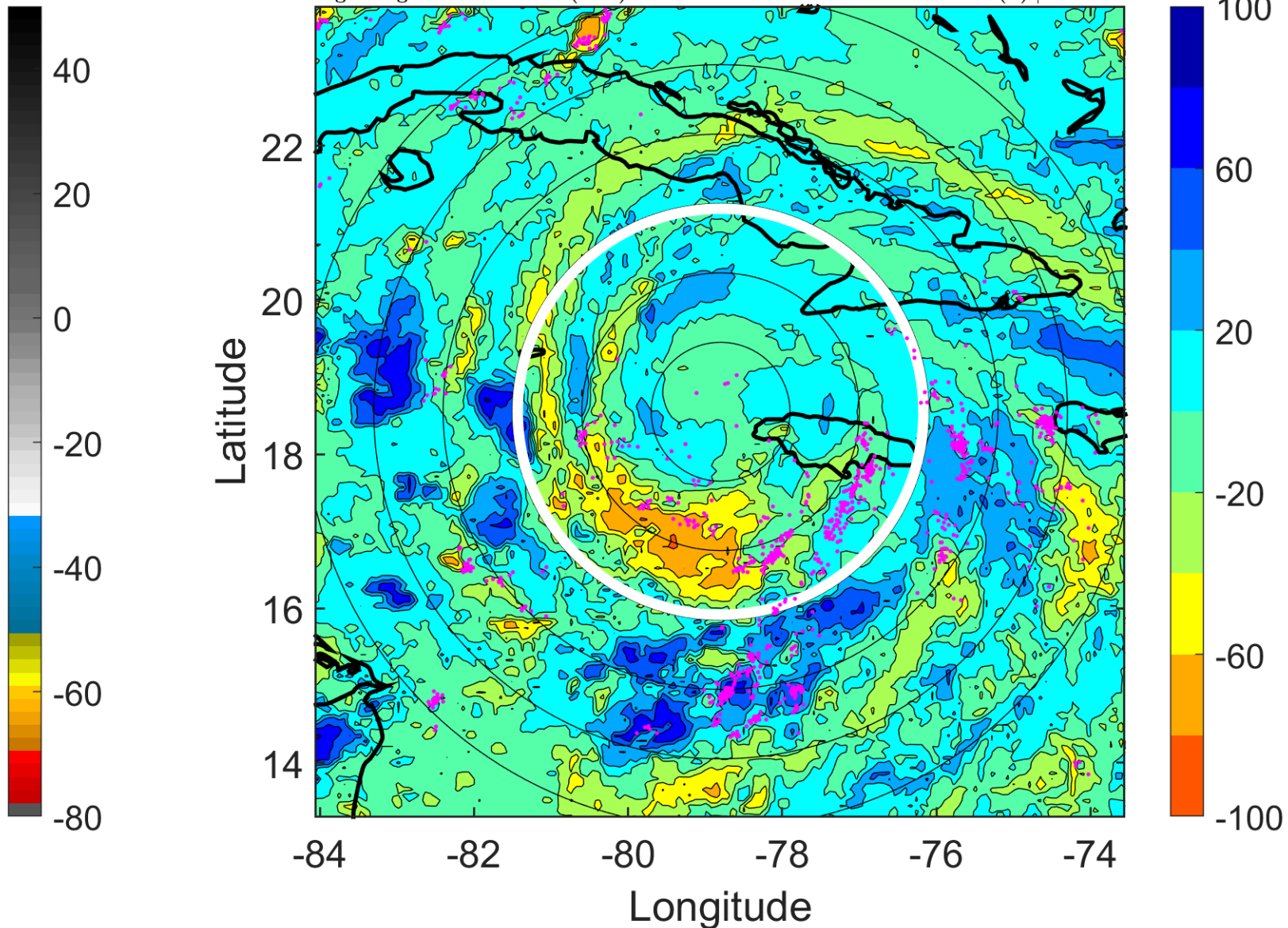
$\Delta$ t: 2008082915 (9.7 LT) - 2008082909 (3.8 LT)

Lightning: 9.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 57.5 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 83.5°





### IR BT & Lightning

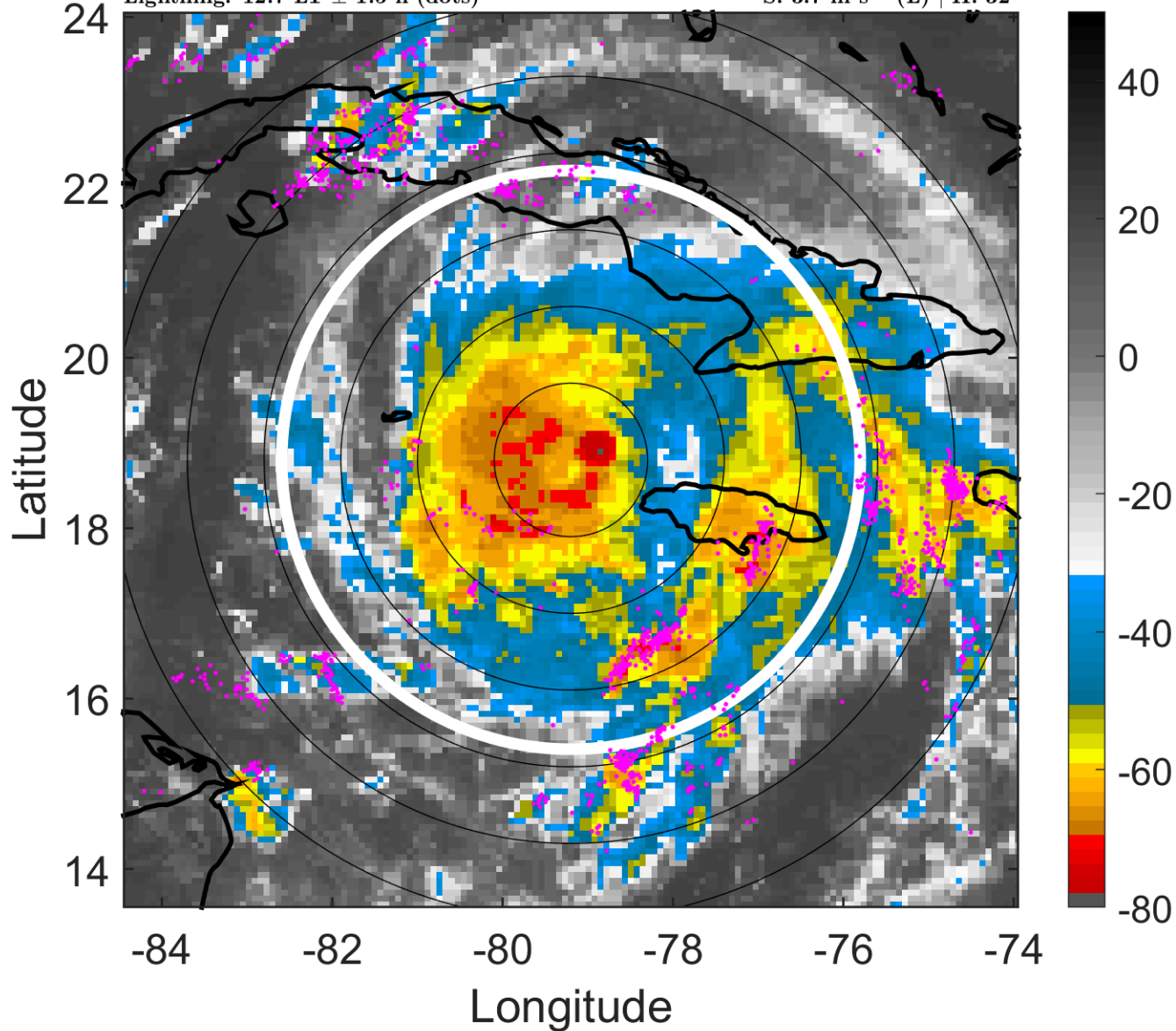
t: 2008082918 (12.7 LT)

Lightning: 12.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 65 kt C1

S: 3.7 m s<sup>-1</sup> (L) | H: 32°



### 6-h IR BT Differences & Lightning

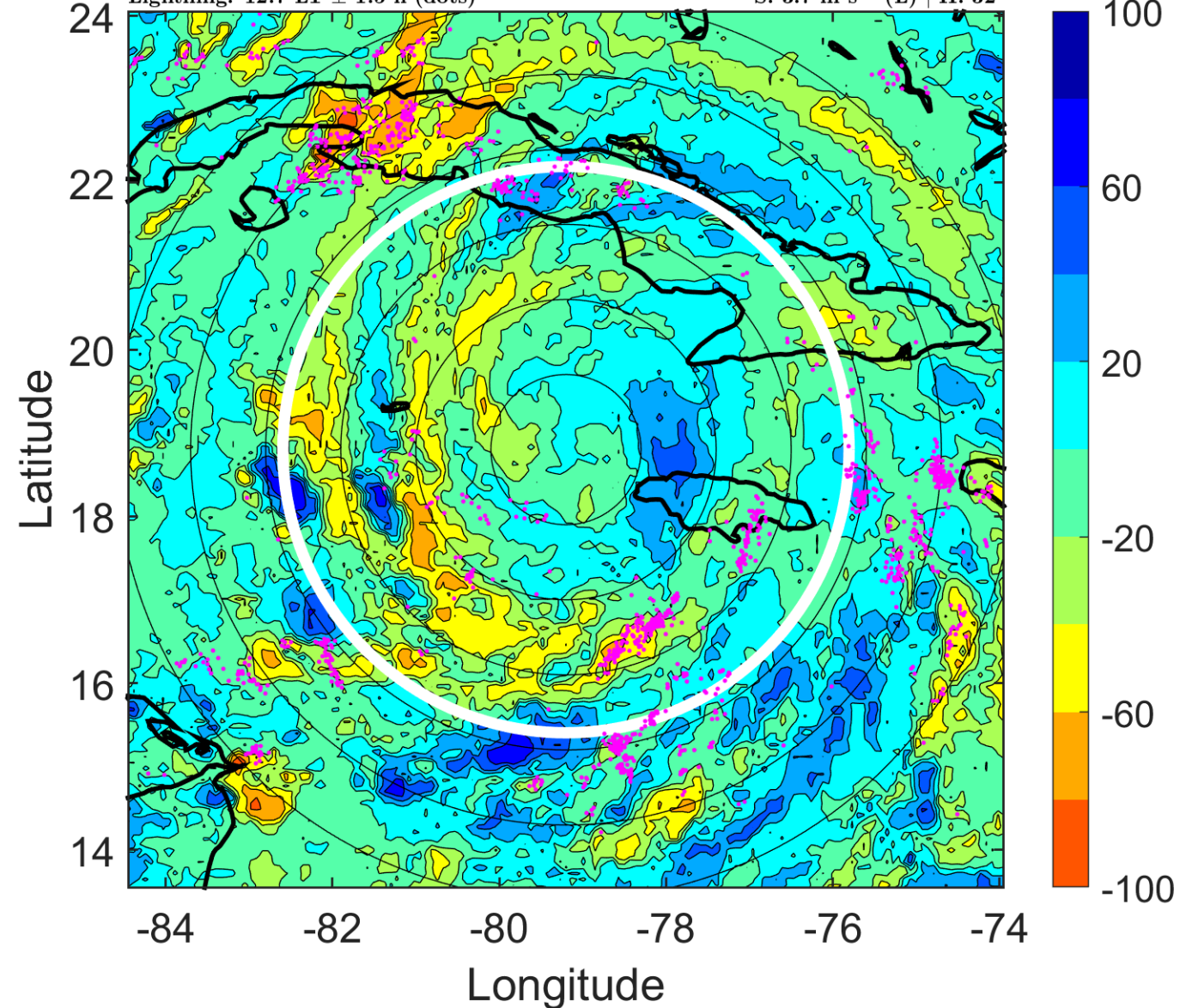
$\Delta$ t: 2008082918 (12.7 LT) - 2008082912 (6.8 LT)

Lightning: 12.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 65 kt C1

S: 3.7 m s<sup>-1</sup> (L) | H: 32°



### IR BT & Lightning

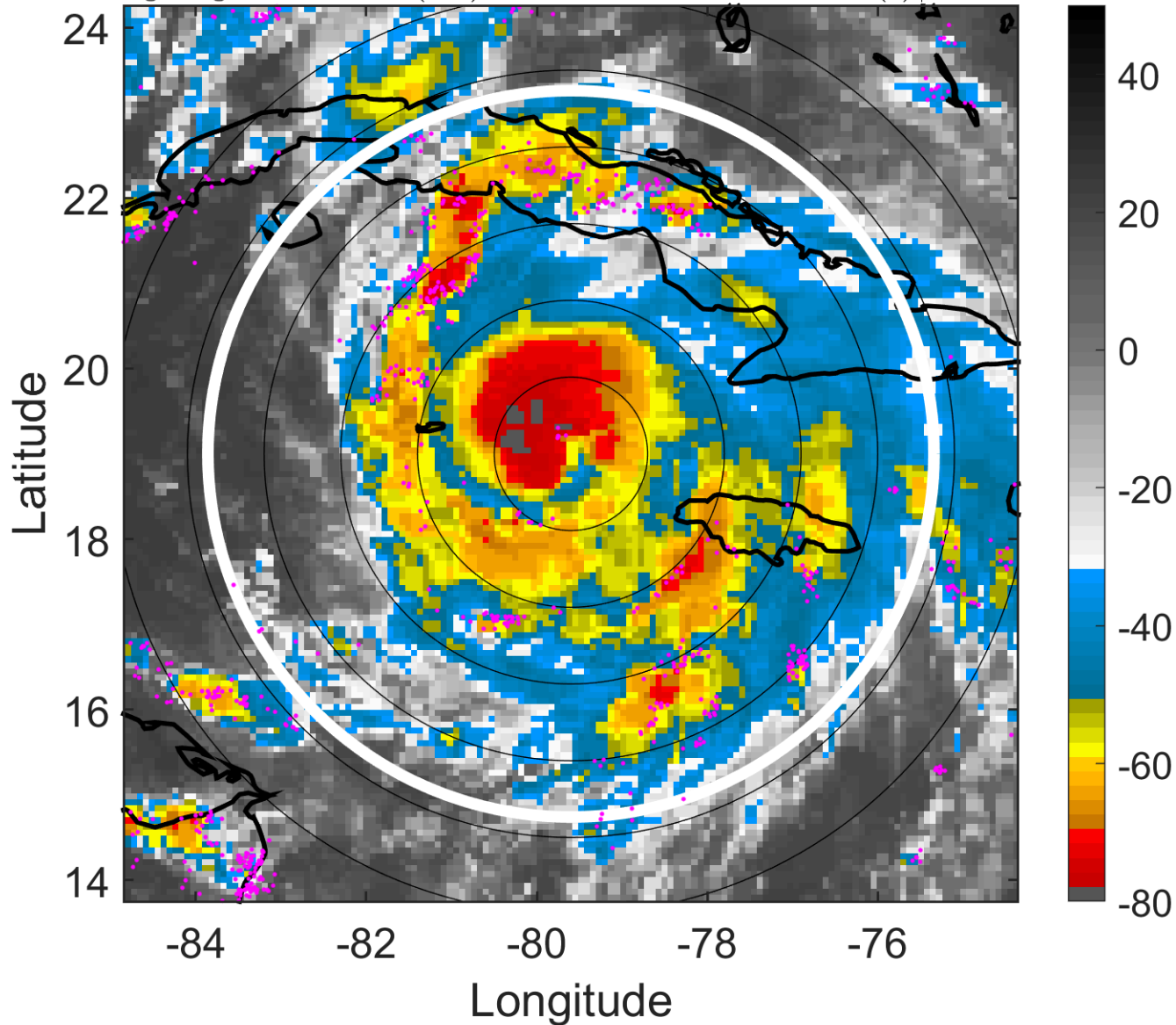
t: 2008082921 (15.7 LT)

Lightning: 15.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 70 kt C1

S: 4.1 m s<sup>-1</sup> (L) | H: 32.5°



### 6-h IR BT Differences & Lightning

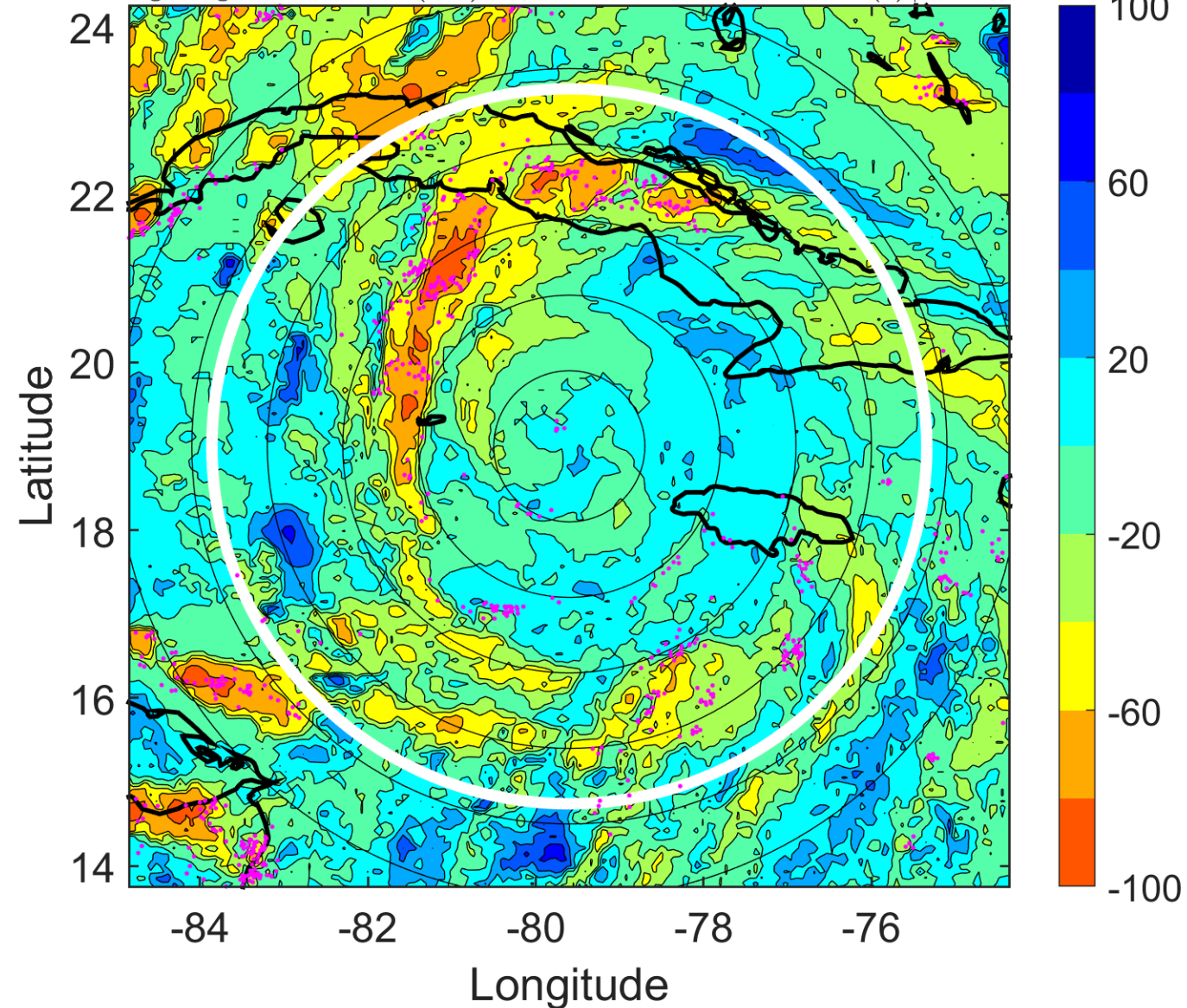
$\Delta$ t: 2008082921 (15.7 LT) - 2008082915 (9.7 LT)

Lightning: 15.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 70 kt C1

S: 4.1 m s<sup>-1</sup> (L) | H: 32.5°





### IR BT & Lightning

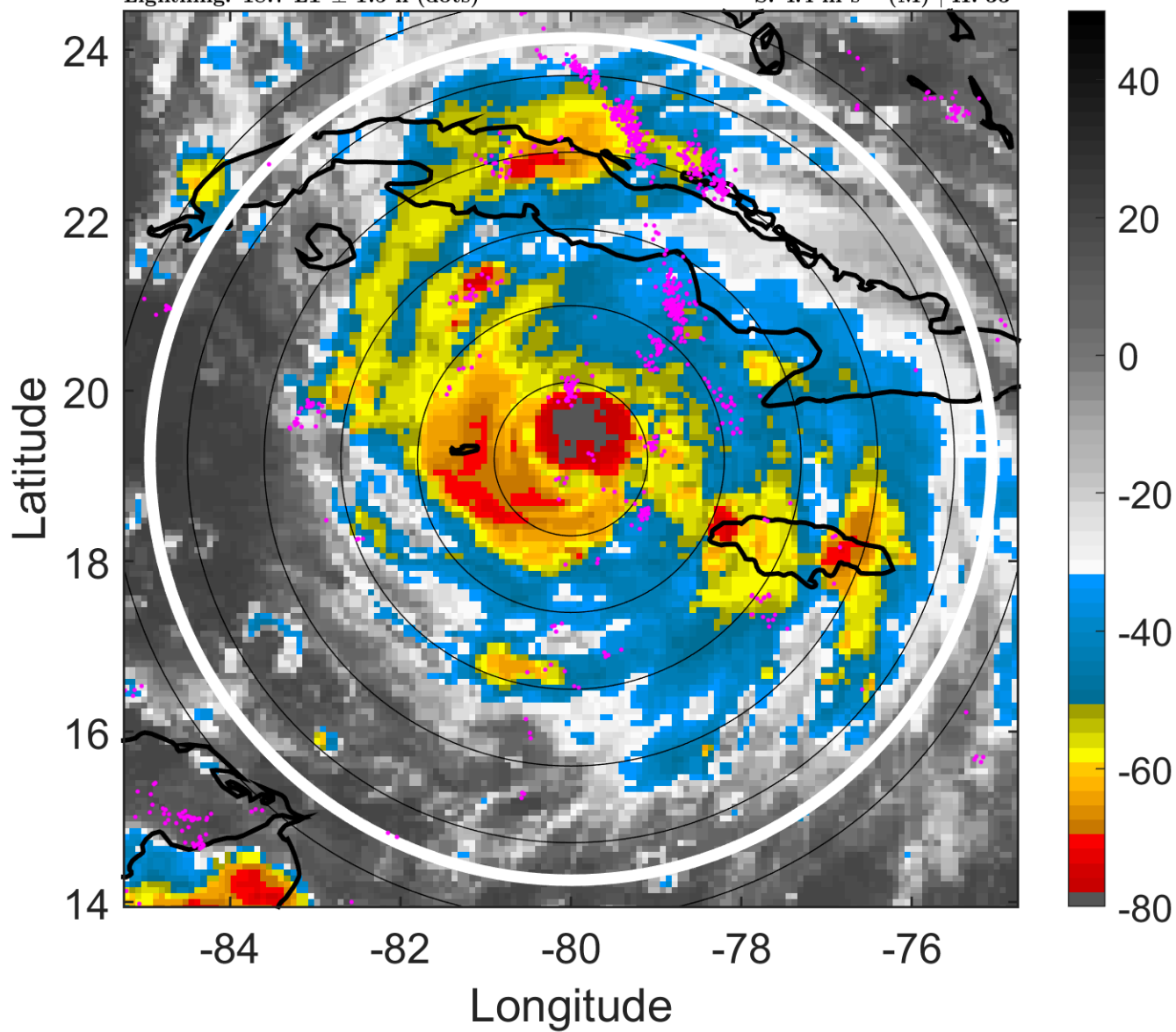
t: 2008083000 (18.7 LT)

Lightning: 18.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 75 kt C1

S: 4.4 m s<sup>-1</sup> (M) | H: 33°



### 6-h IR BT Differences & Lightning

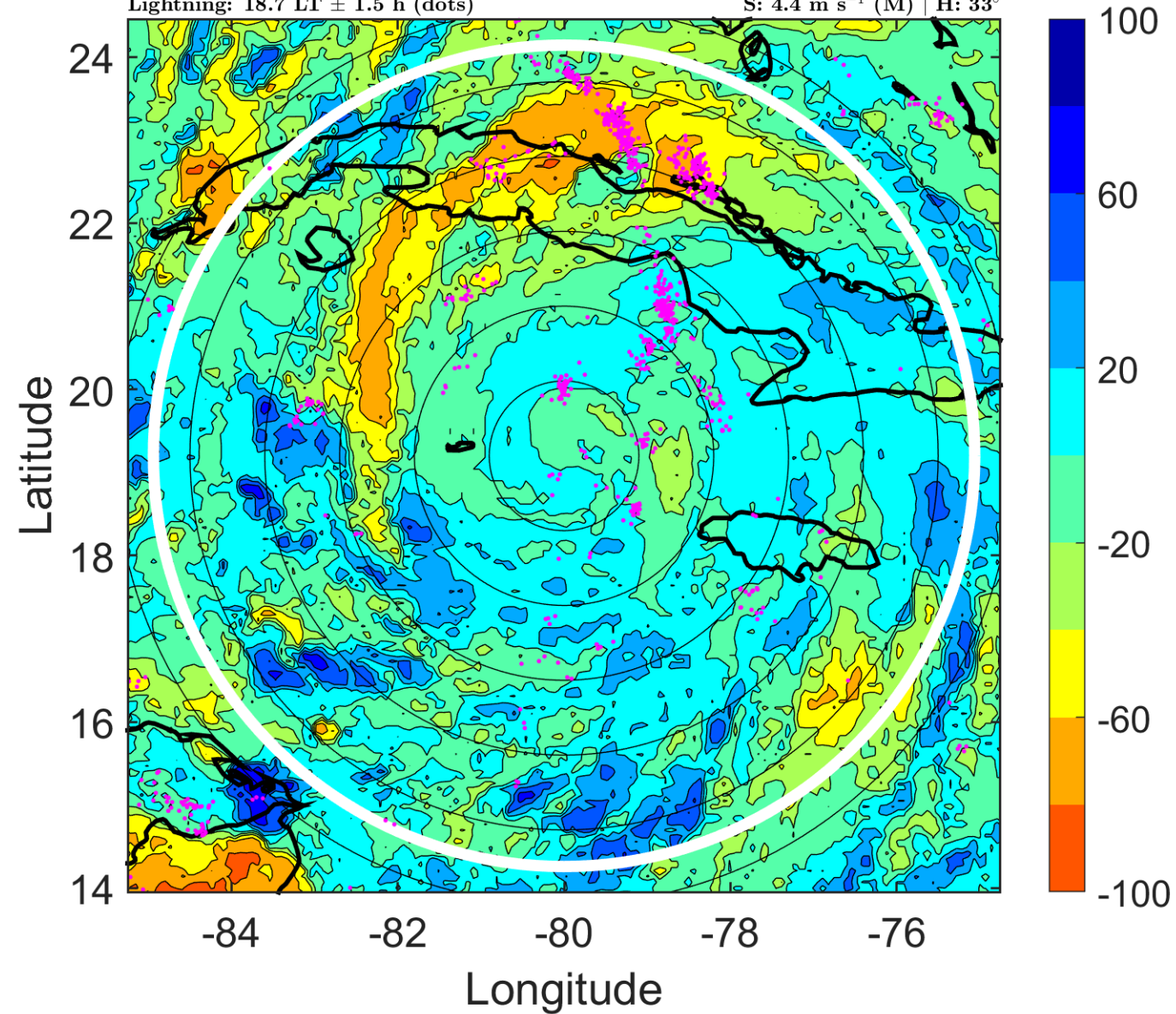
$\Delta$ t: 2008083000 (18.7 LT) - 2008082918 (12.7 LT)

Lightning: 18.7 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 75 kt C1

S: 4.4 m s<sup>-1</sup> (M) | H: 33°



### IR BT & Lightning

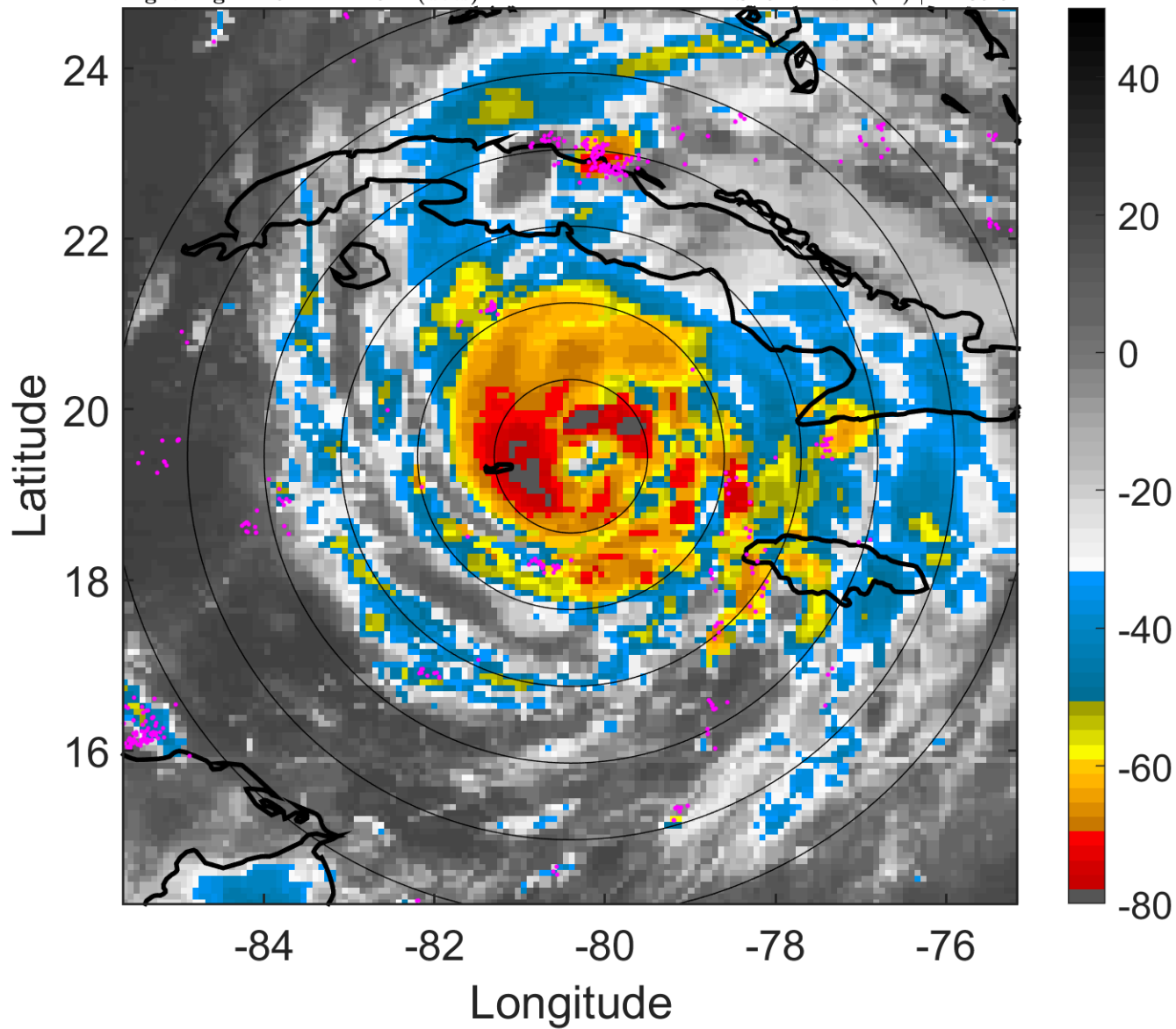
t: 2008083003 (21.6 LT)

Lightning: 21.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 80 kt C1

S: 5.4 m s<sup>-1</sup> (M) | H: 35.5°



### 6-h IR BT Differences & Lightning

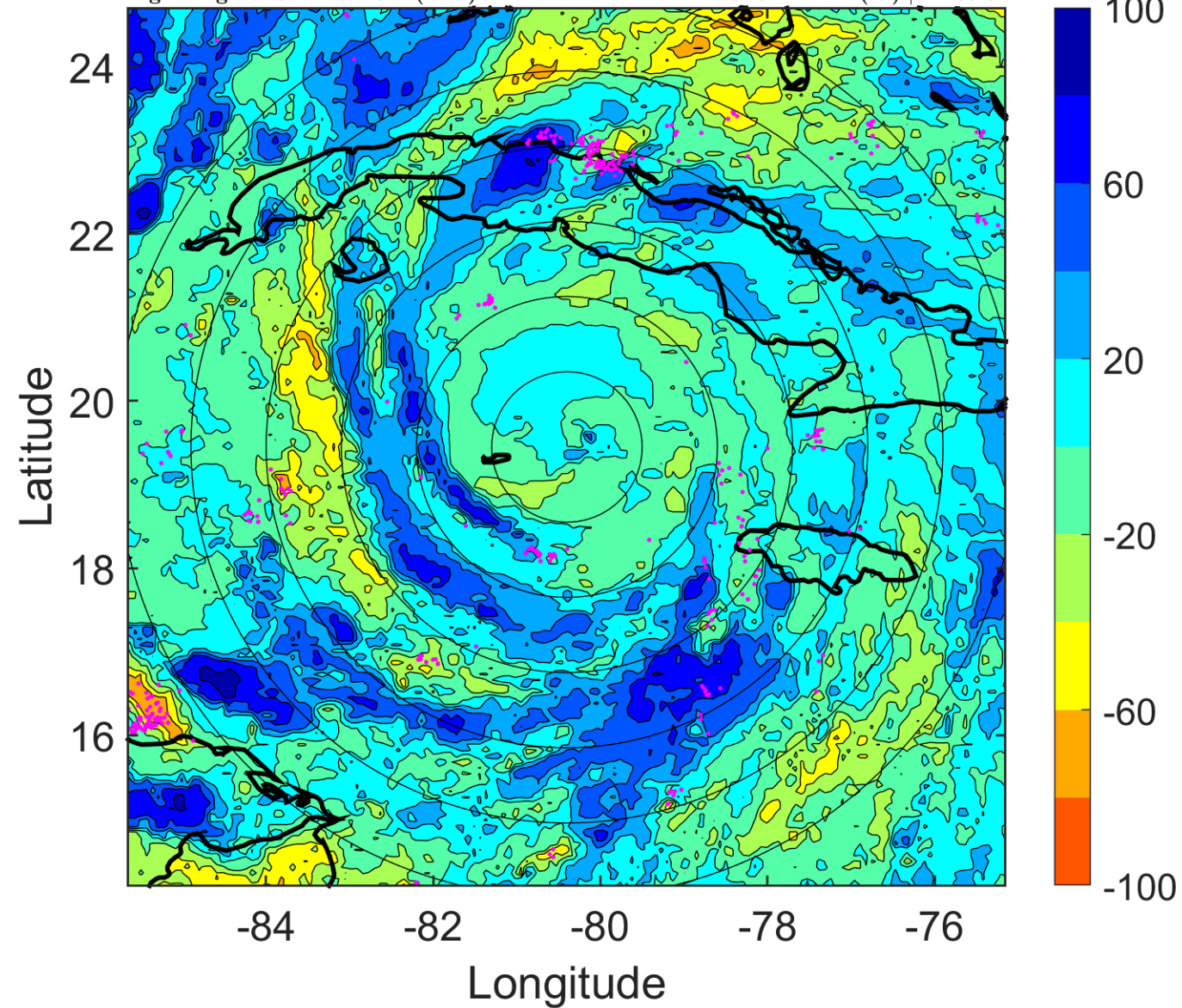
$\Delta$ t: 2008083003 (21.6 LT) - 2008082921 (15.7 LT)

Lightning: 21.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 80 kt C1

S: 5.4 m s<sup>-1</sup> (M) | H: 35.5°





### IR BT & Lightning

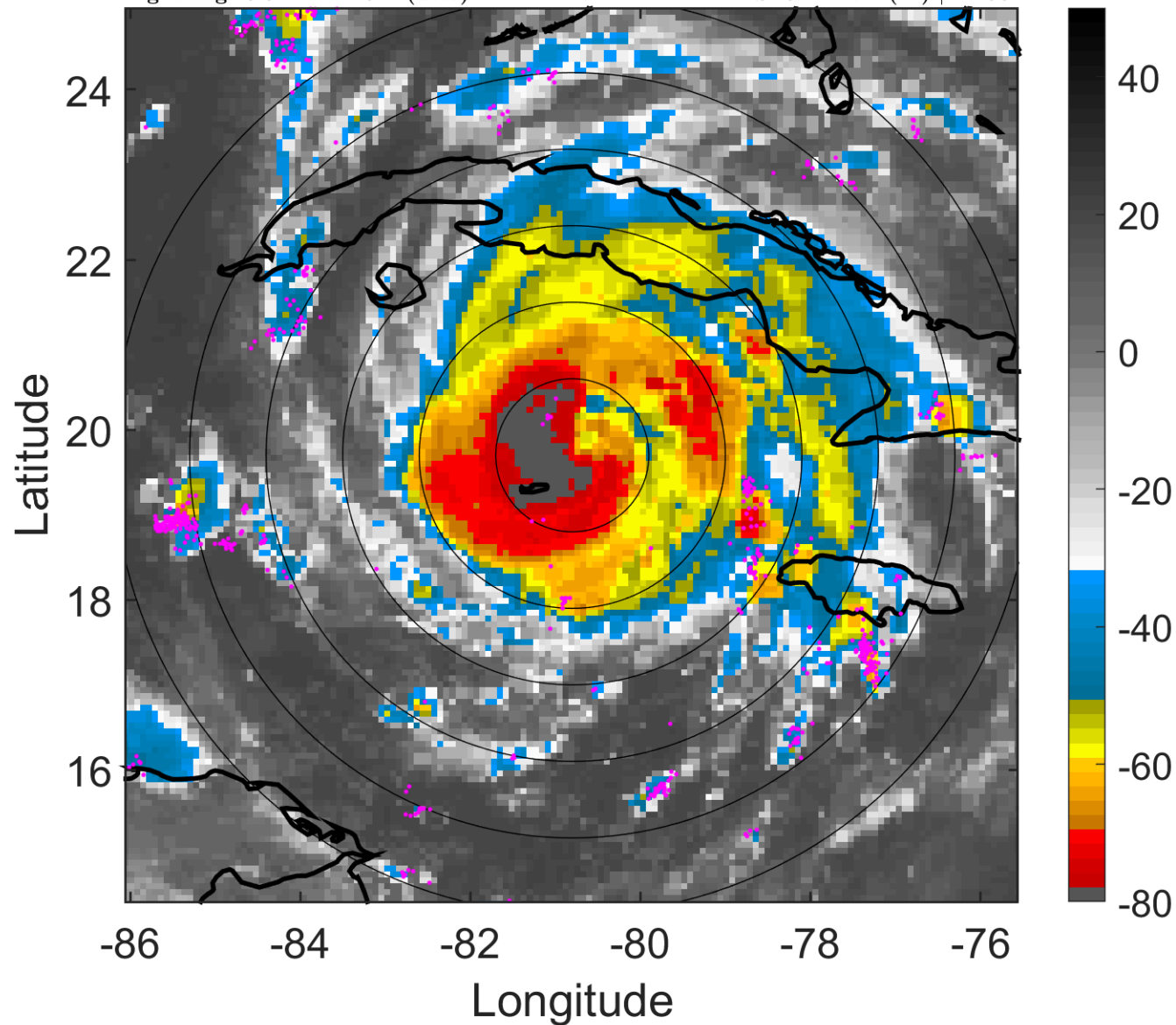
t: 2008083006 (0.6 LT)

Lightning: 0.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 85 kt C2

S: 6.4 m s<sup>-1</sup> (M) | H: 38°



### 6-h IR BT Differences & Lightning

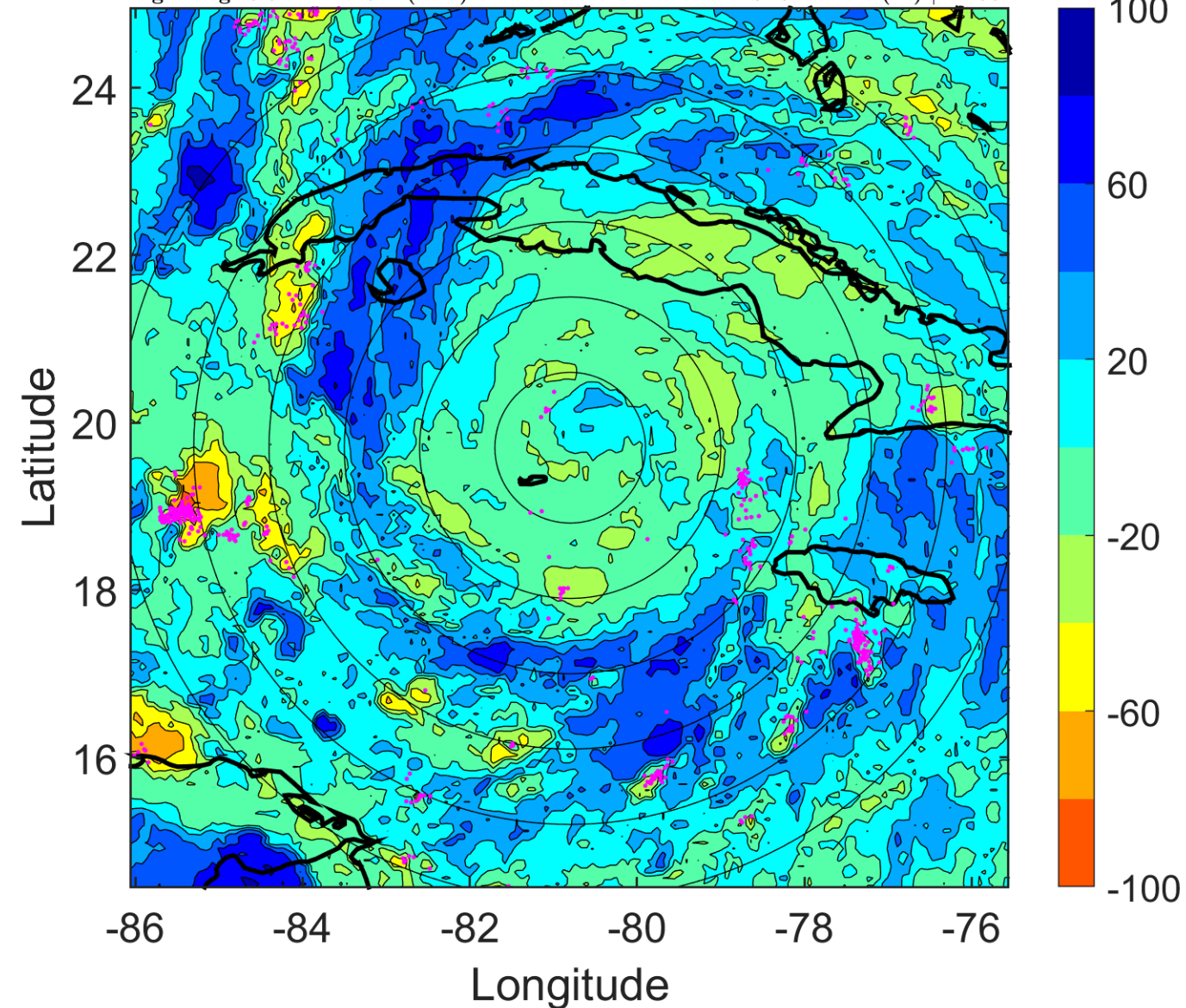
$\Delta$ t: 2008083006 (0.6 LT) - 2008083000 (18.7 LT)

Lightning: 0.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 85 kt C2

S: 6.4 m s<sup>-1</sup> (M) | H: 38°



### IR BT & Lightning

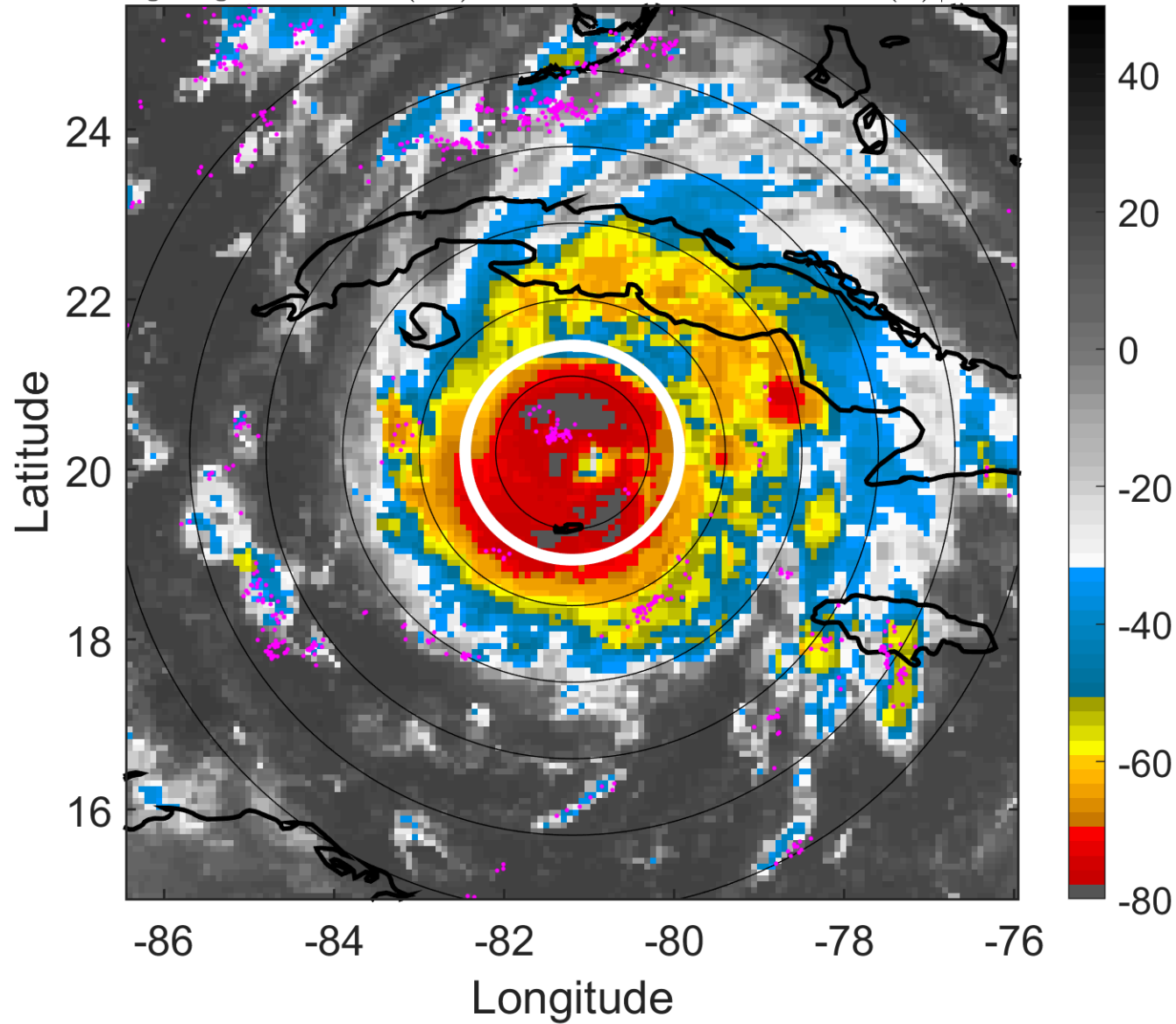
t: 2008083009 (3.6 LT)

Lightning: 3.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 97.5 kt C3

S: 8.1 m s<sup>-1</sup> (M) | H: 42°



### 6-h IR BT Differences & Lightning

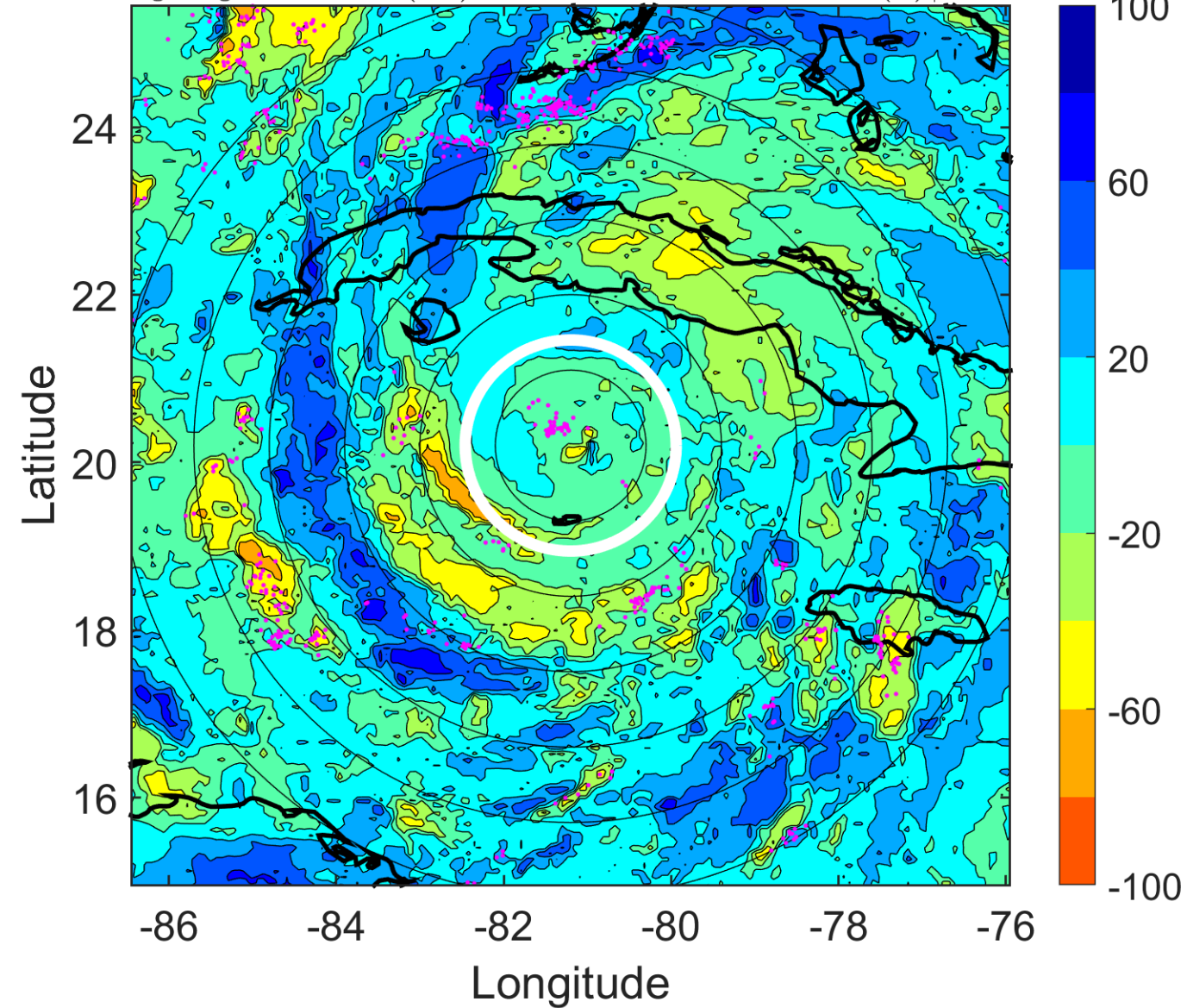
$\Delta$ t: 2008083009 (3.6 LT) - 2008083003 (21.6 LT)

Lightning: 3.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 97.5 kt C3

S: 8.1 m s<sup>-1</sup> (M) | H: 42°





### IR BT & Lightning

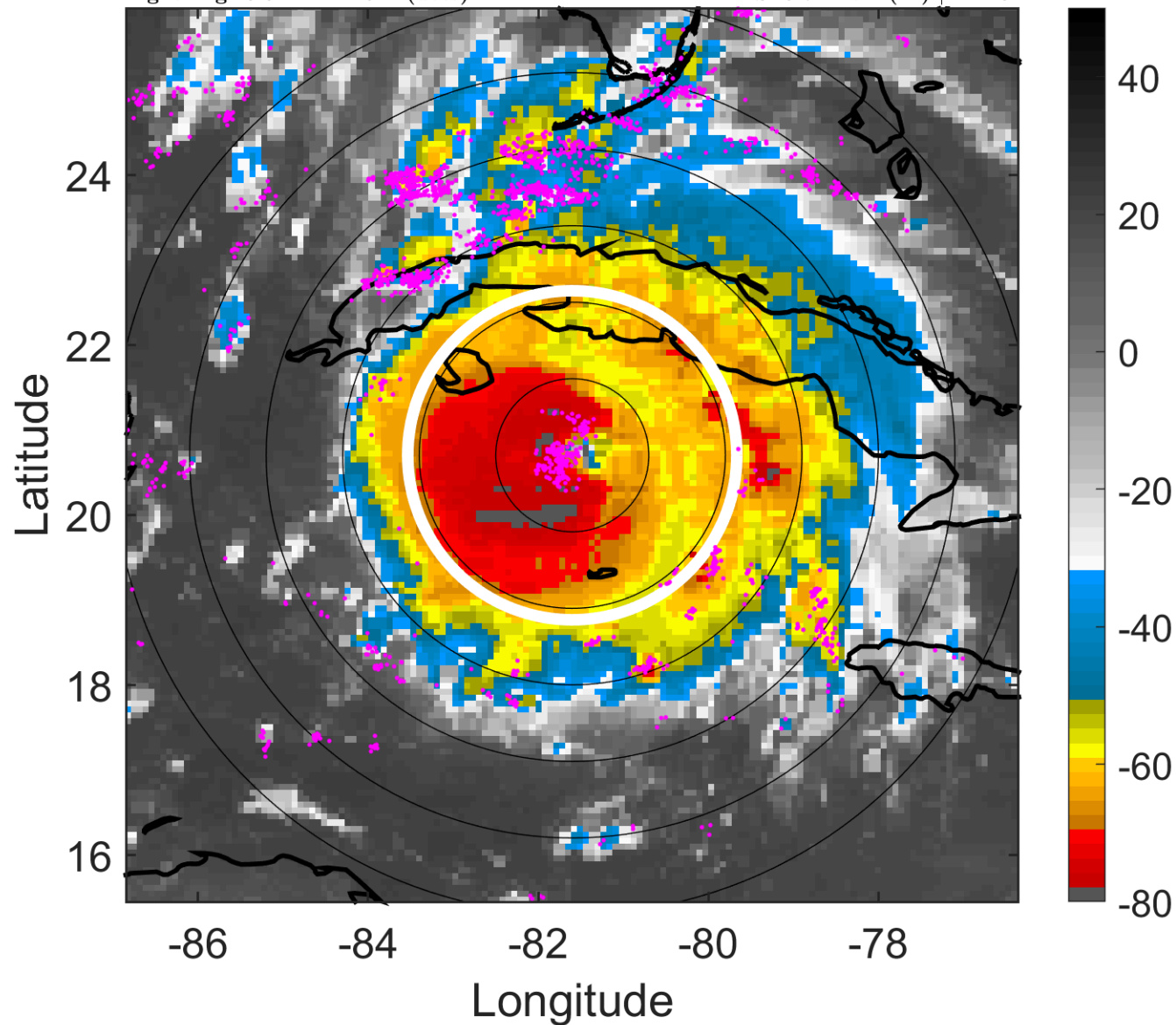
t: 2008083012 (6.6 LT)

Lightning: 6.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 110 kt C3

S: 9.7 m s<sup>-1</sup> (M) | H: 46°



### 6-h IR BT Differences & Lightning

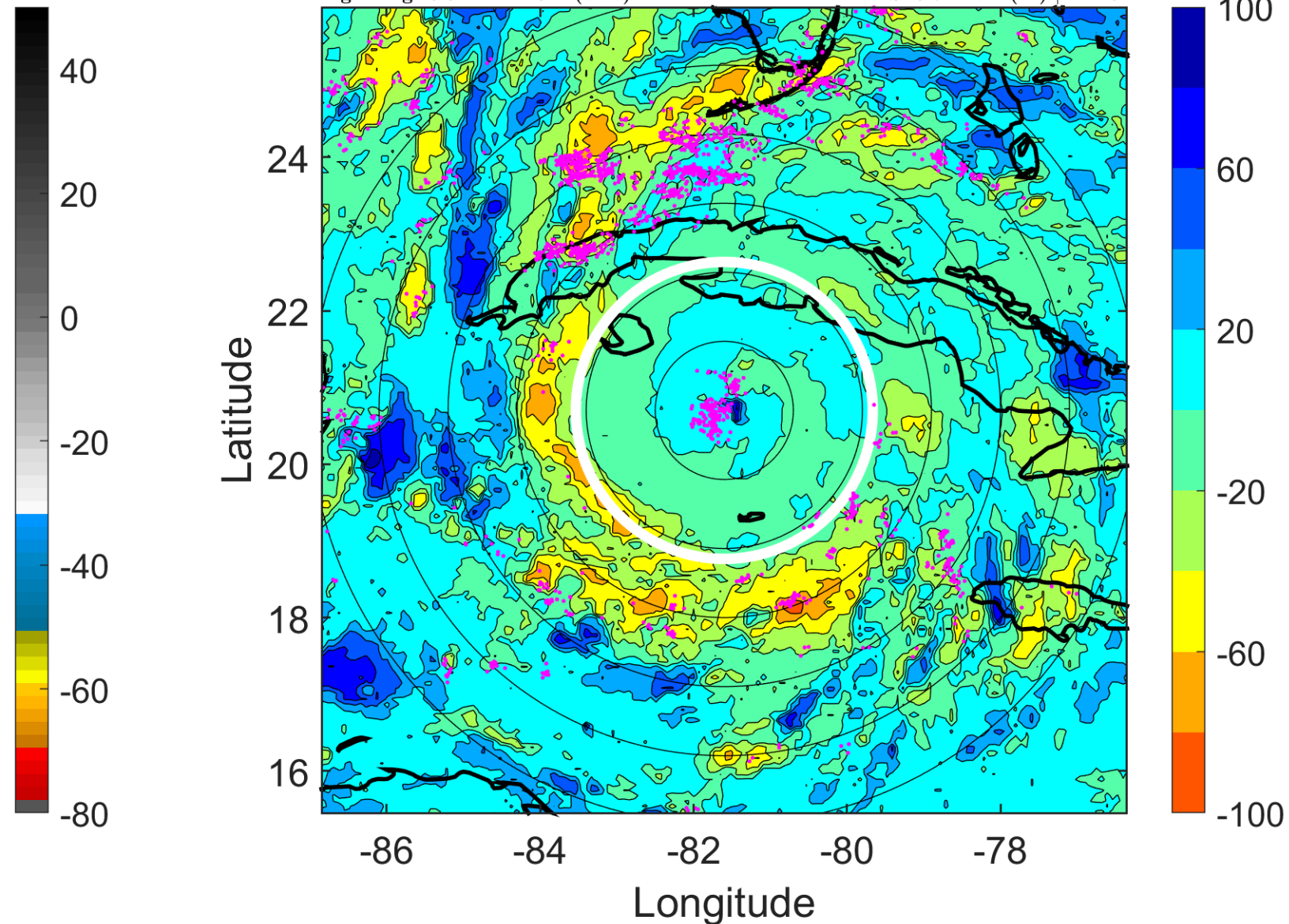
$\Delta$ t: 2008083012 (6.6 LT) - 2008083006 (0.6 LT)

Lightning: 6.6 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 110 kt C3

S: 9.7 m s<sup>-1</sup> (M) | H: 46°



### IR BT & Lightning

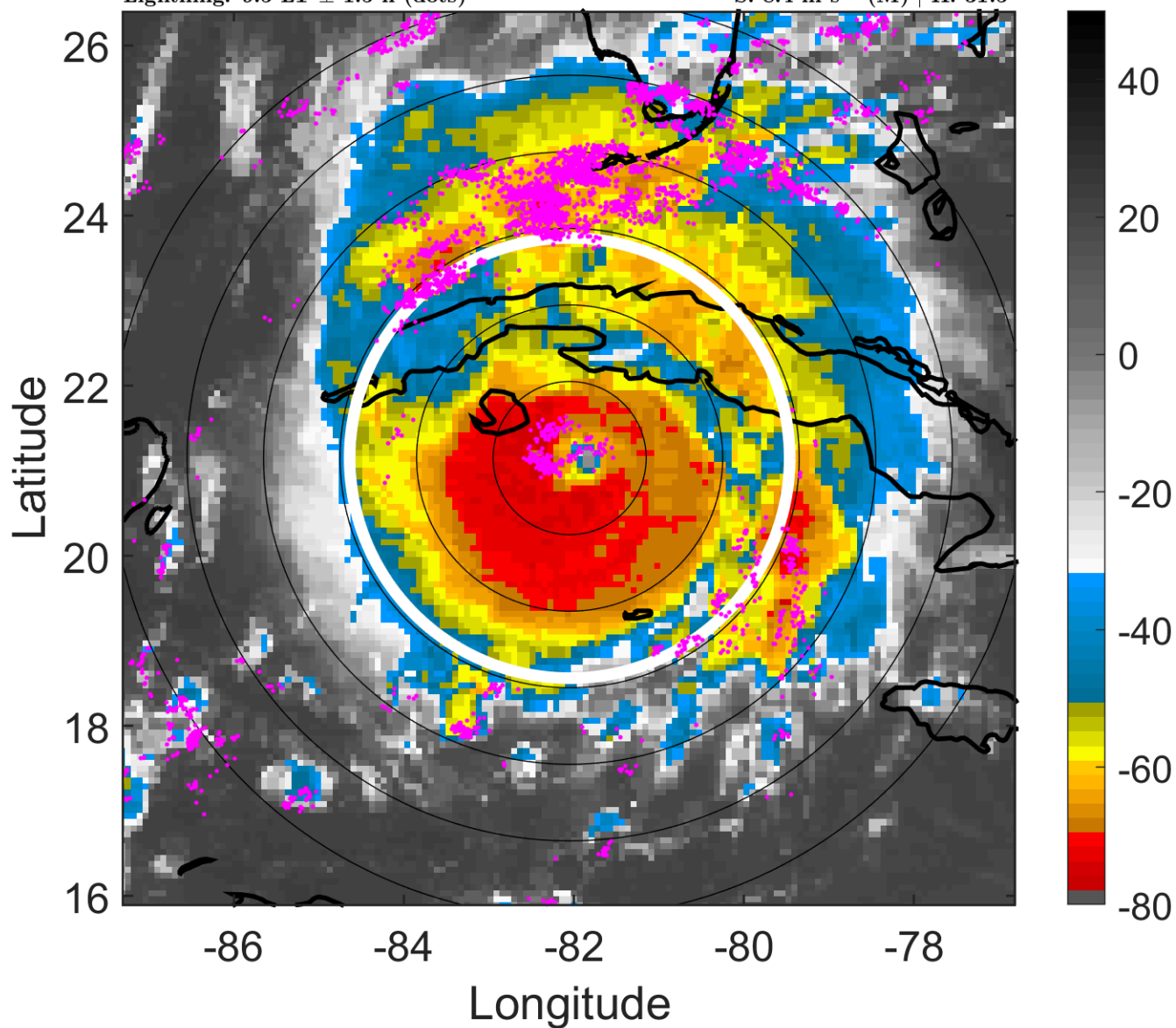
t: 2008083015 (9.5 LT)

Lightning: 9.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 117.5 kt C4

S: 8.4 m s<sup>-1</sup> (M) | H: 31.5°



### 6-h IR BT Differences & Lightning

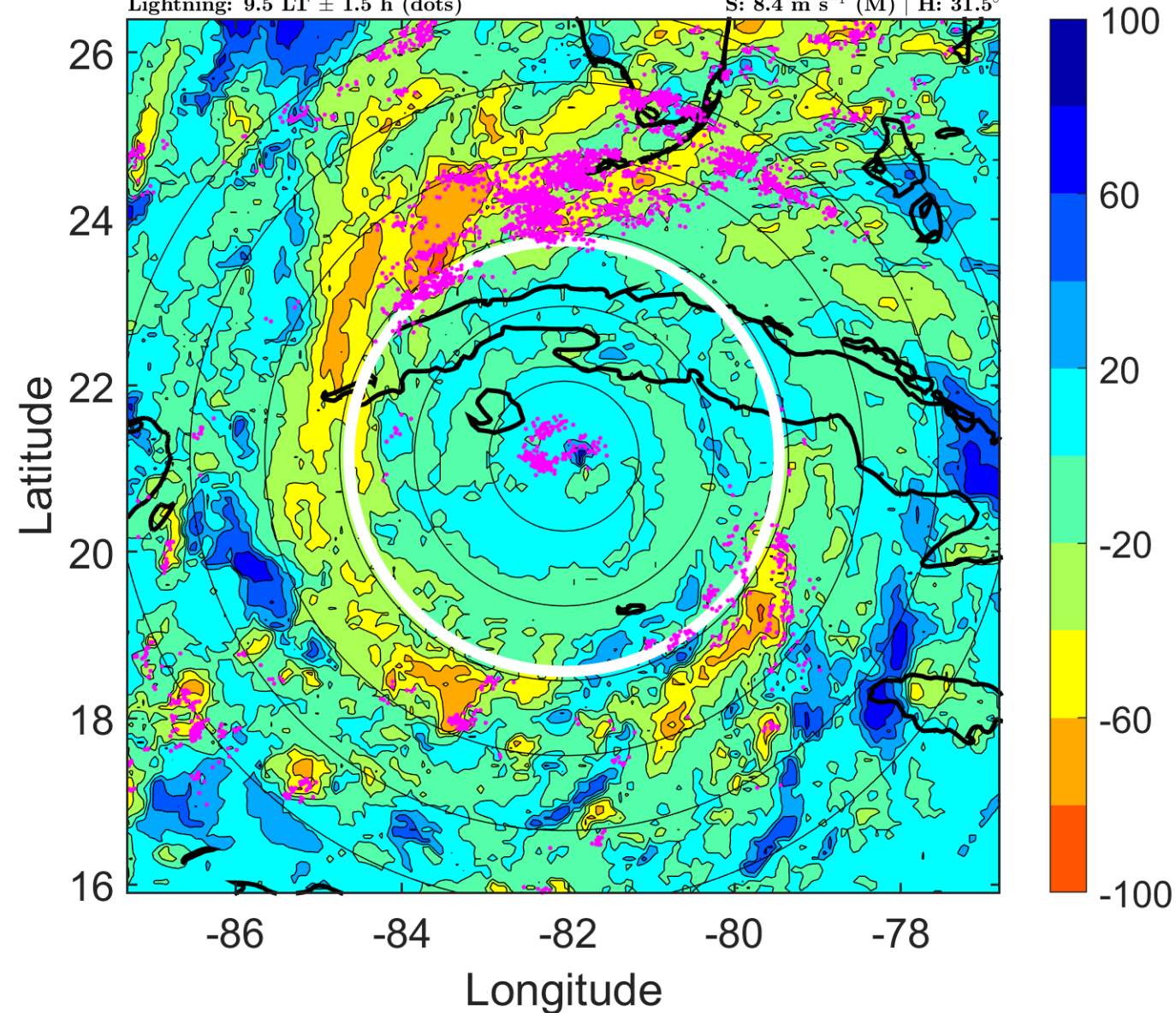
$\Delta$ t: 2008083015 (9.5 LT) - 2008083009 (3.6 LT)

Lightning: 9.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 117.5 kt C4

S: 8.4 m s<sup>-1</sup> (M) | H: 31.5°





### IR BT & Lightning

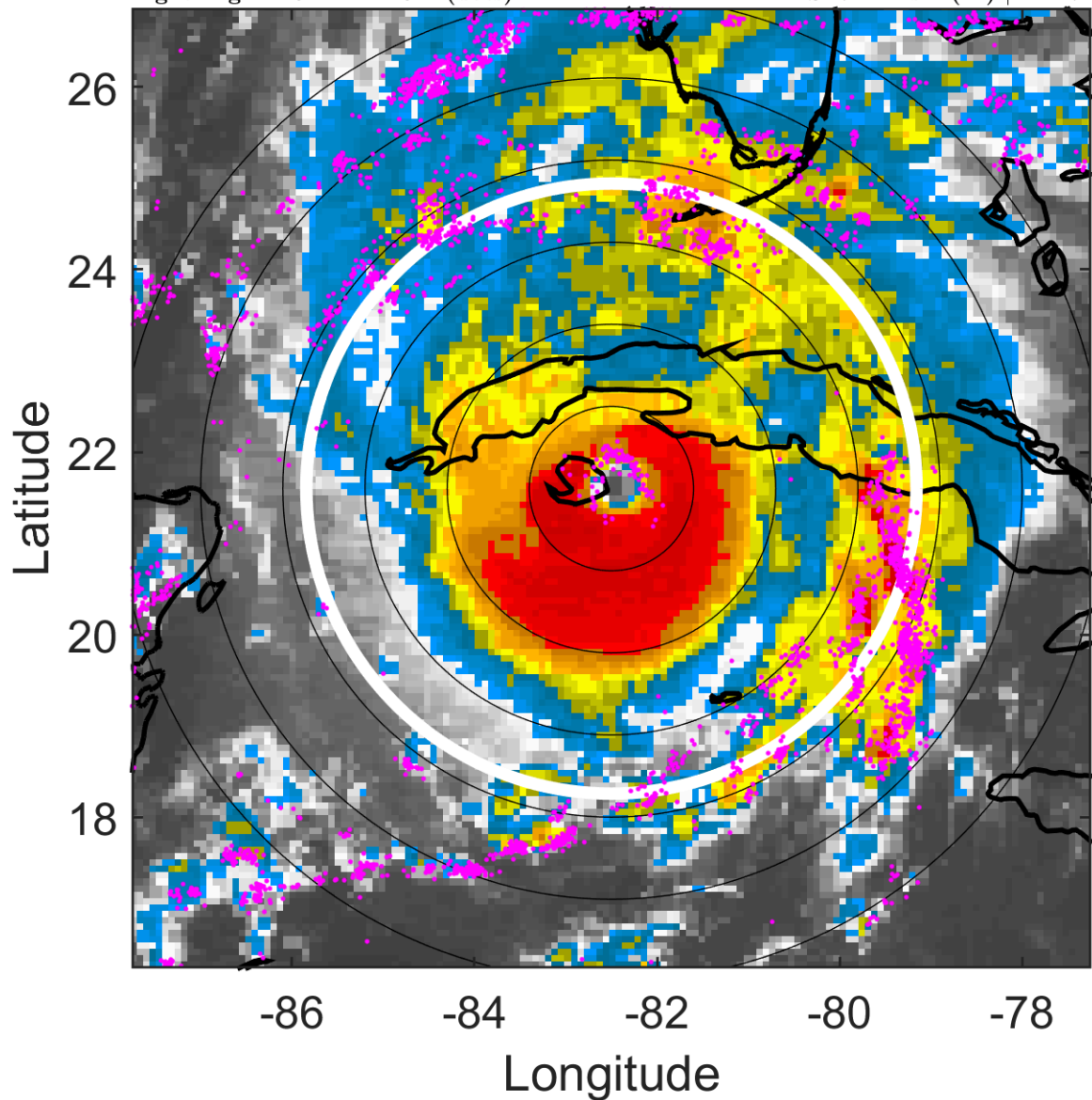
t: 2008083018 (12.5 LT)

Lightning: 12.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 125 kt C4

S: 7.2 m s<sup>-1</sup> (M) | H: 17°



### 6-h IR BT Differences & Lightning

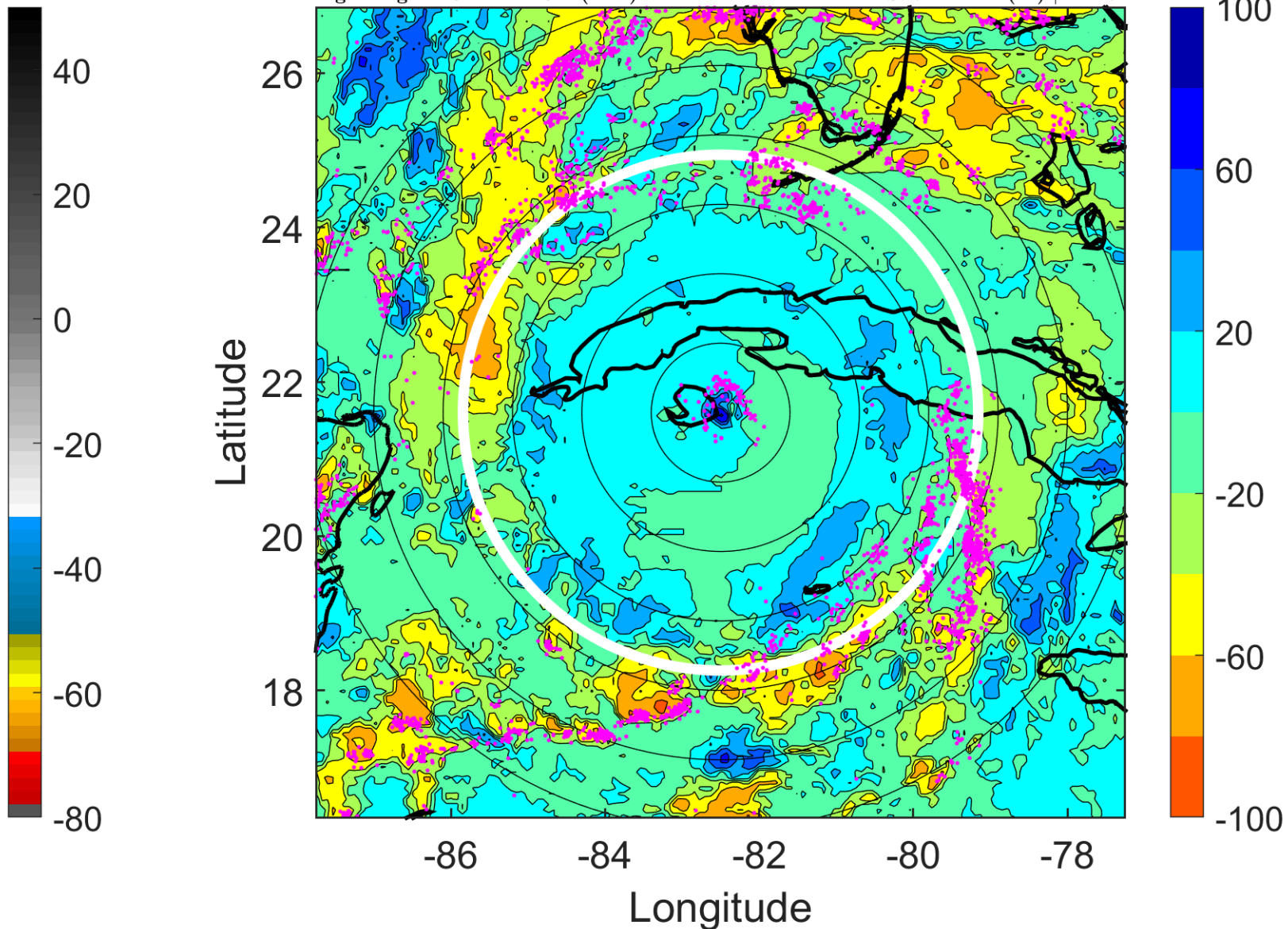
$\Delta$ t: 2008083018 (12.5 LT) - 2008083012 (6.6 LT)

Lightning: 12.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 125 kt C4

S: 7.2 m s<sup>-1</sup> (M) | H: 17°



### IR BT & Lightning

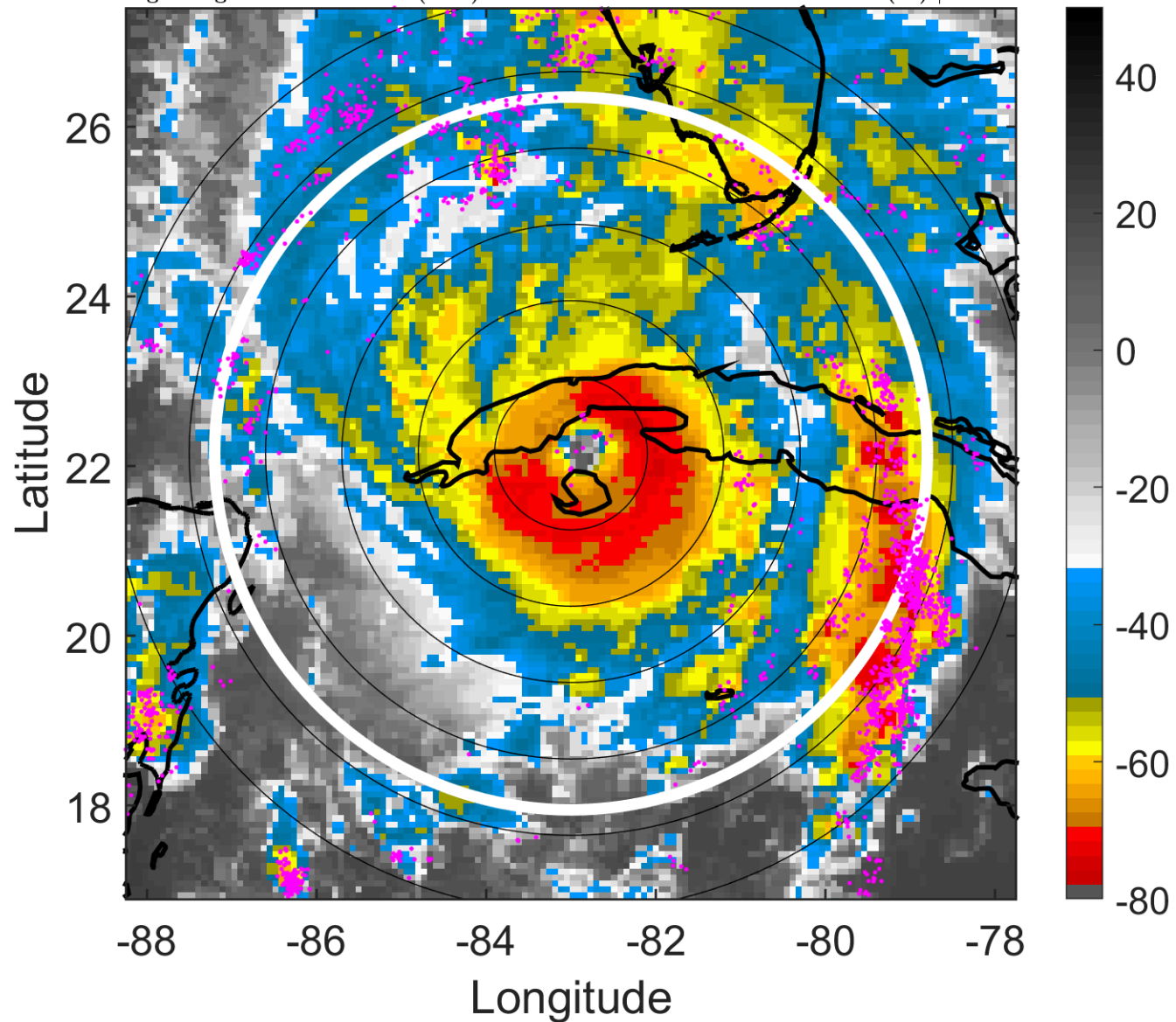
t: 2008083021 (15.5 LT)

Lightning: 15.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 122.5 kt C4

S: 7.5 m s<sup>-1</sup> (M) | H: 17°



### 6-h IR BT Differences & Lightning

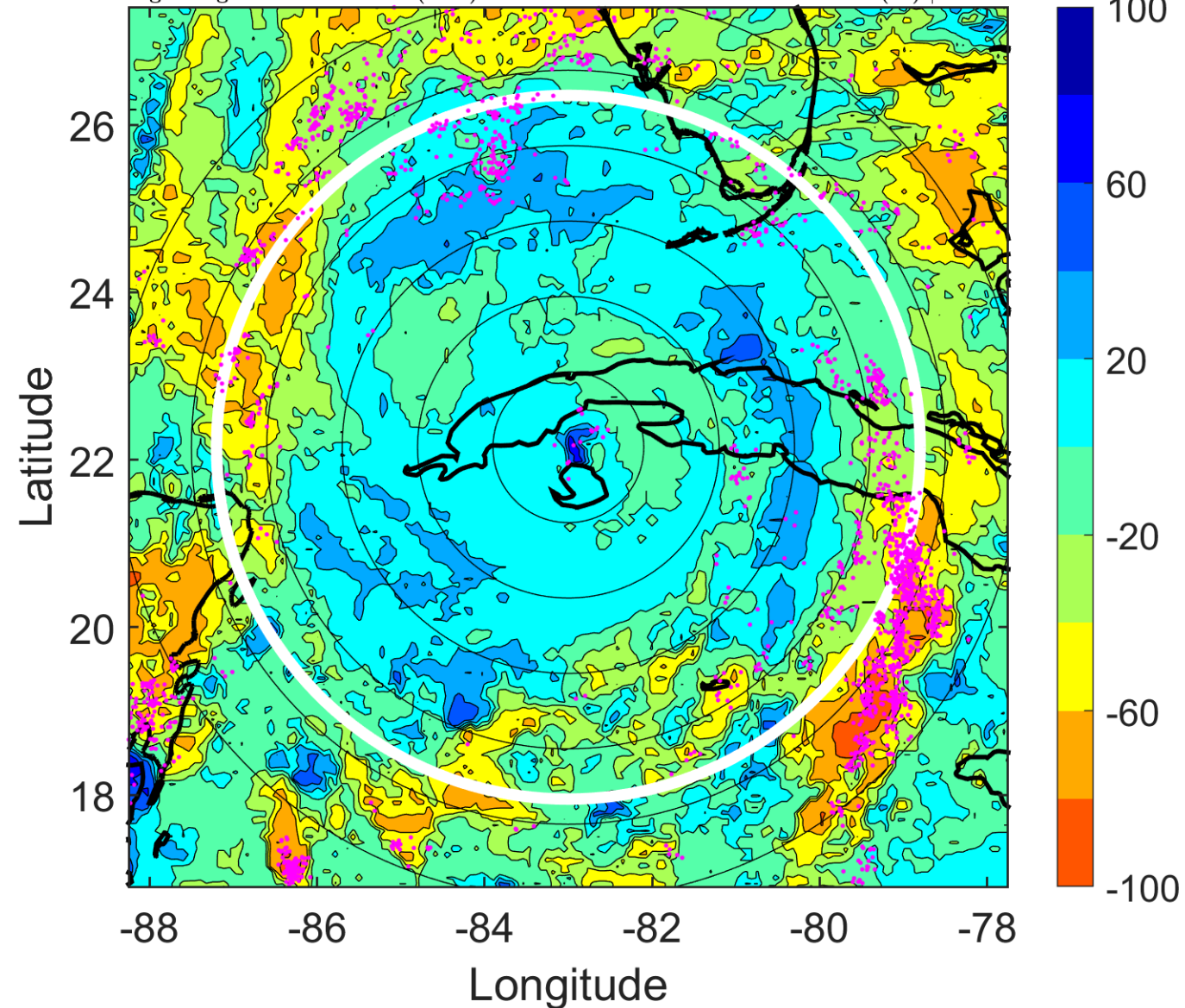
$\Delta$ t: 2008083021 (15.5 LT) - 2008083015 (9.5 LT)

Lightning: 15.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 122.5 kt C4

S: 7.5 m s<sup>-1</sup> (M) | H: 17°





### IR BT & Lightning

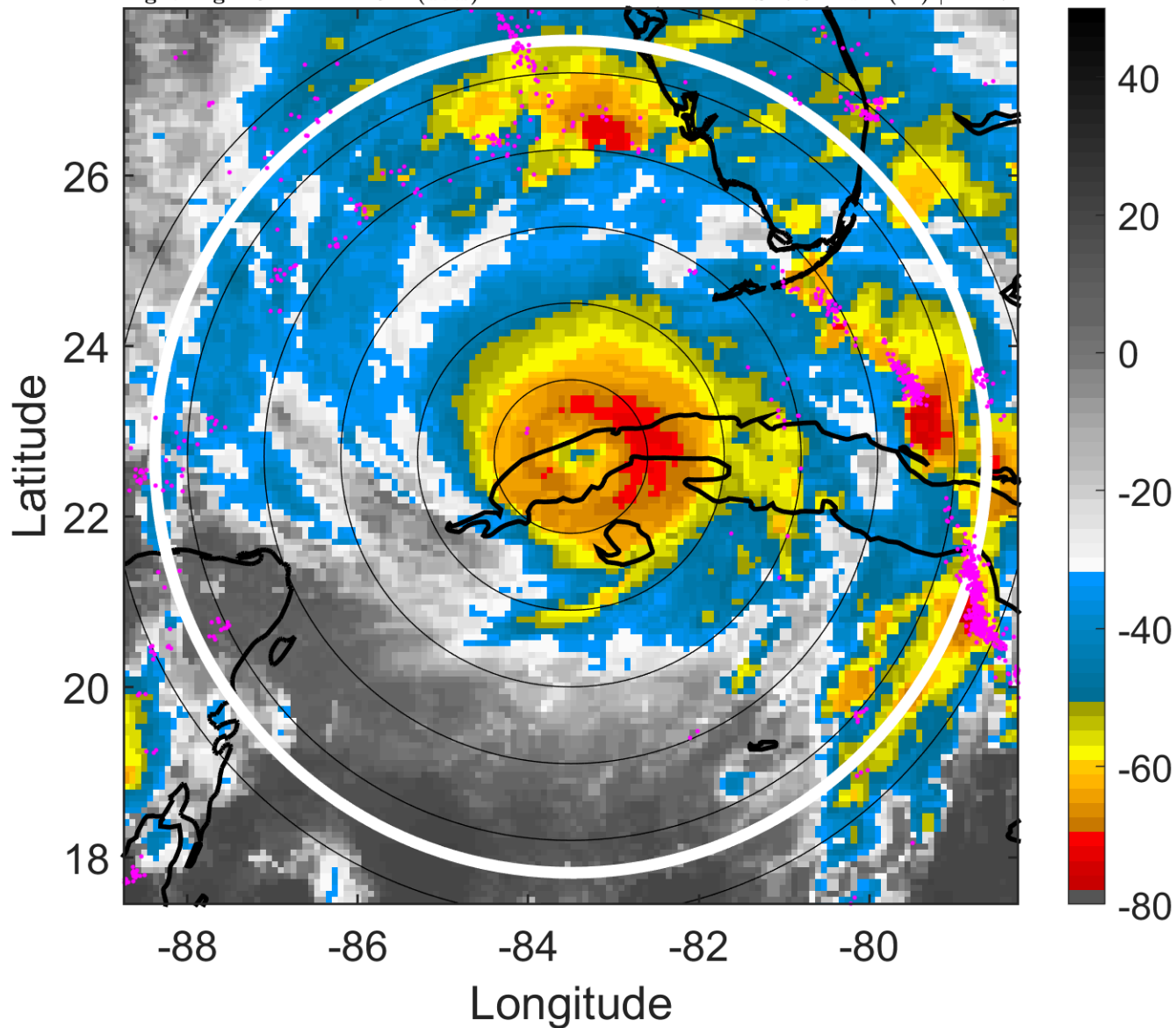
t: 2008083100 (18.4 LT)

Lightning: 18.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 120 kt C4

S: 7.9 m s<sup>-1</sup> (M) | H: 17°



### 6-h IR BT Differences & Lightning

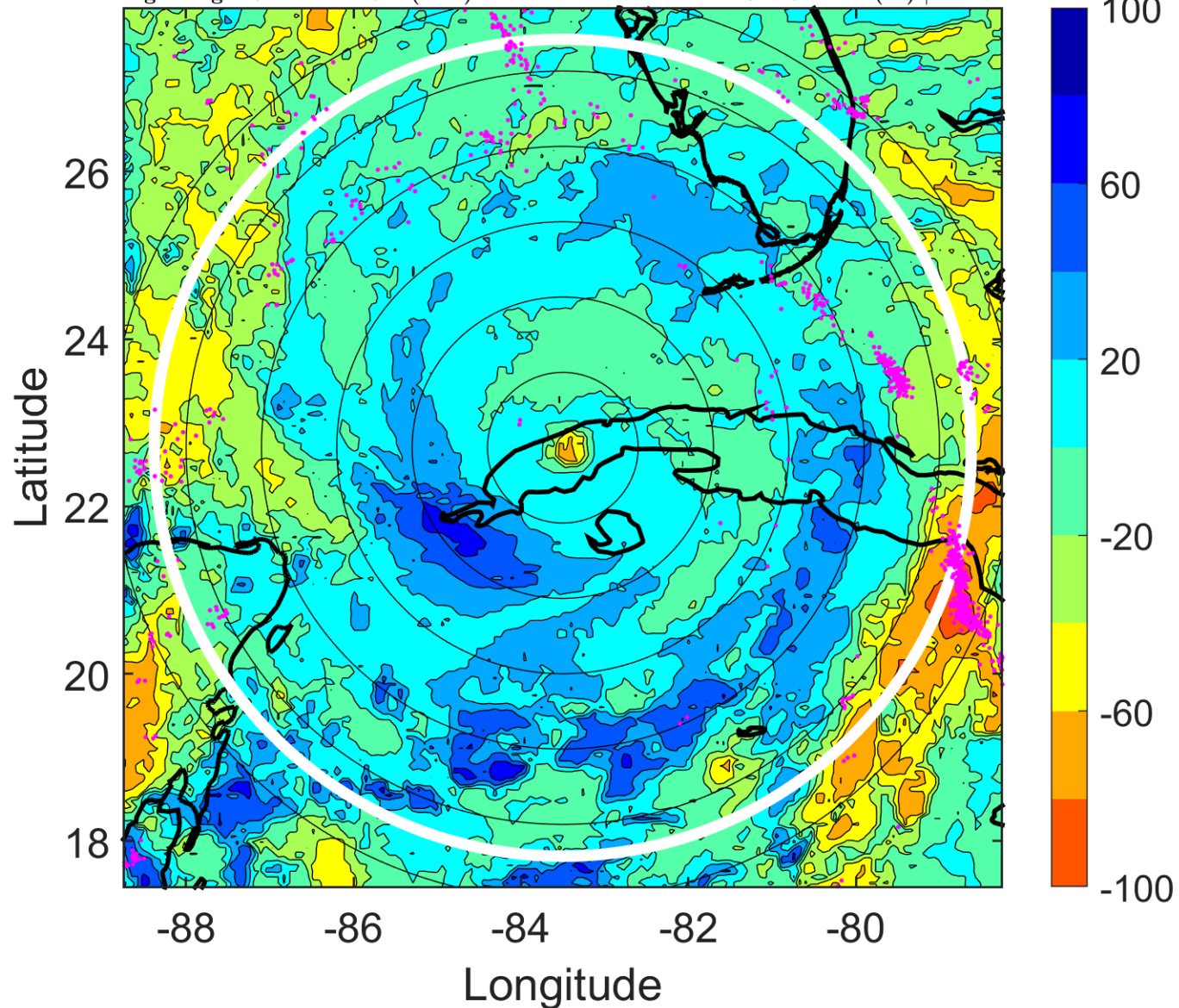
$\Delta$ t: 2008083100 (18.4 LT) - 2008083018 (12.5 LT)

Lightning: 18.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 120 kt C4

S: 7.9 m s<sup>-1</sup> (M) | H: 17°



### IR BT & Lightning

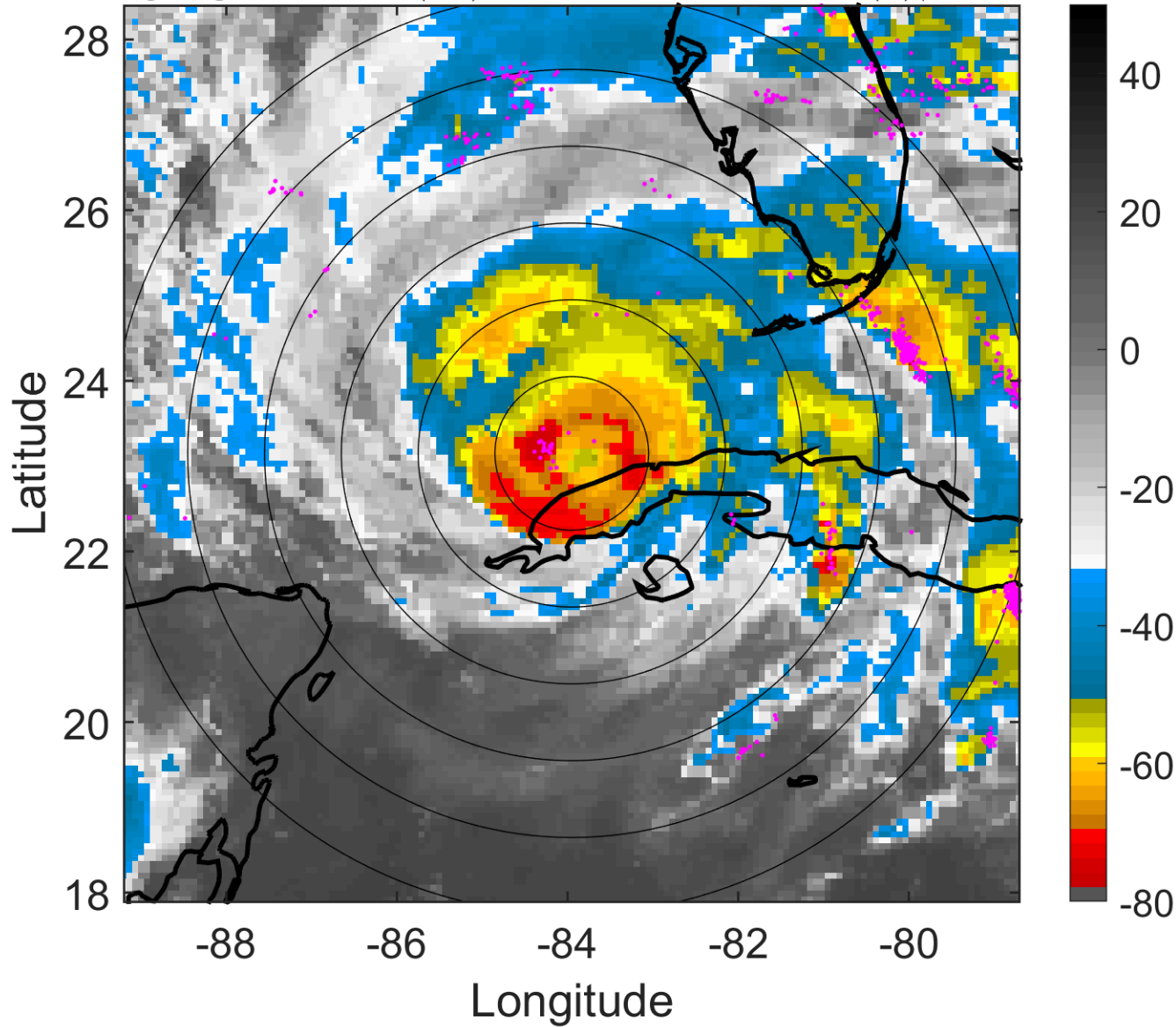
t: 2008083103 (21.4 LT)

Lightning: 21.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 112.5 kt C3

S: 8.5 m s<sup>-1</sup> (M) | H: 30.5°



### 6-h IR BT Differences & Lightning

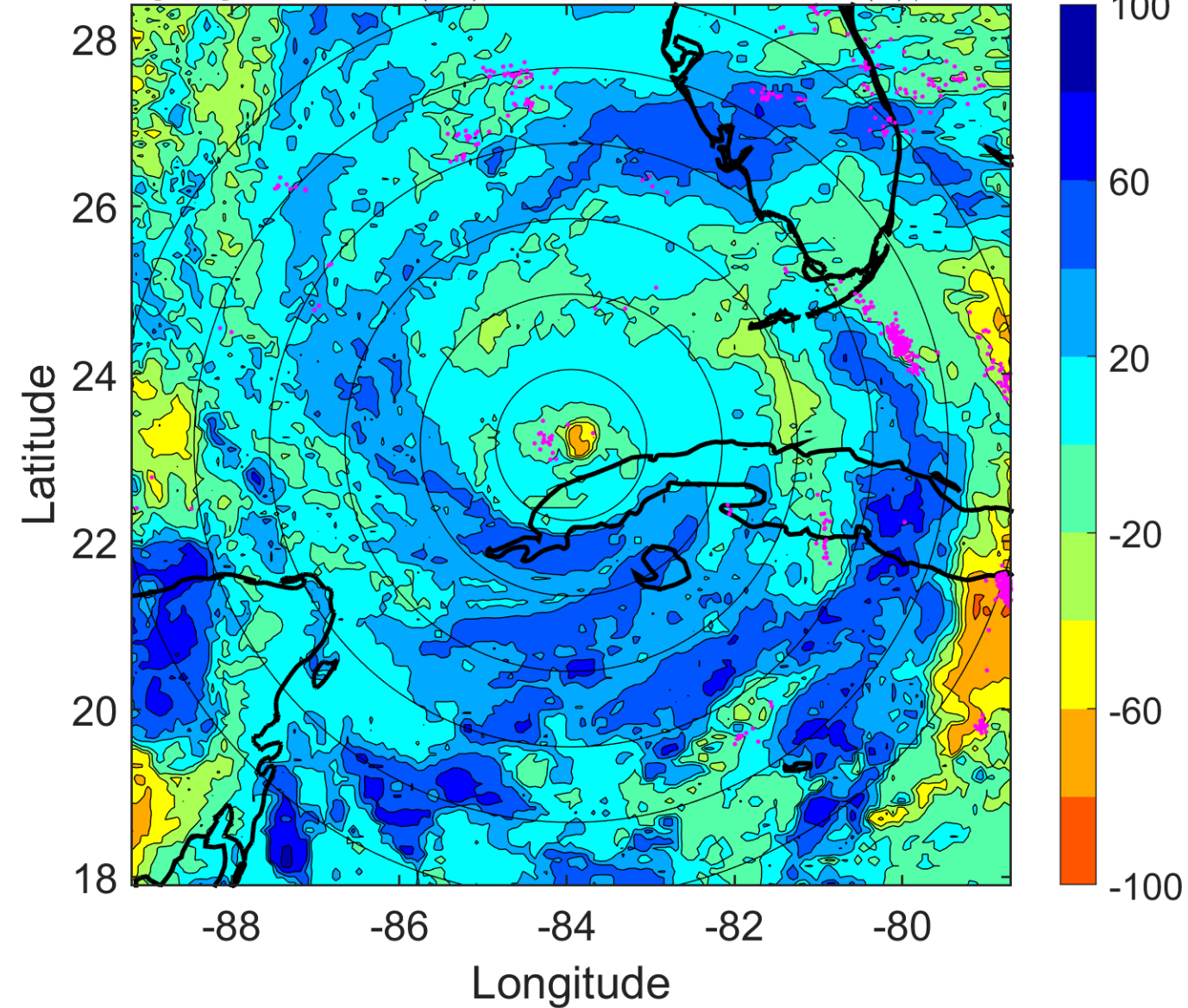
$\Delta$ t: 2008083103 (21.4 LT) - 2008083021 (15.5 LT)

Lightning: 21.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 112.5 kt C3

S: 8.5 m s<sup>-1</sup> (M) | H: 30.5°





### IR BT & Lightning

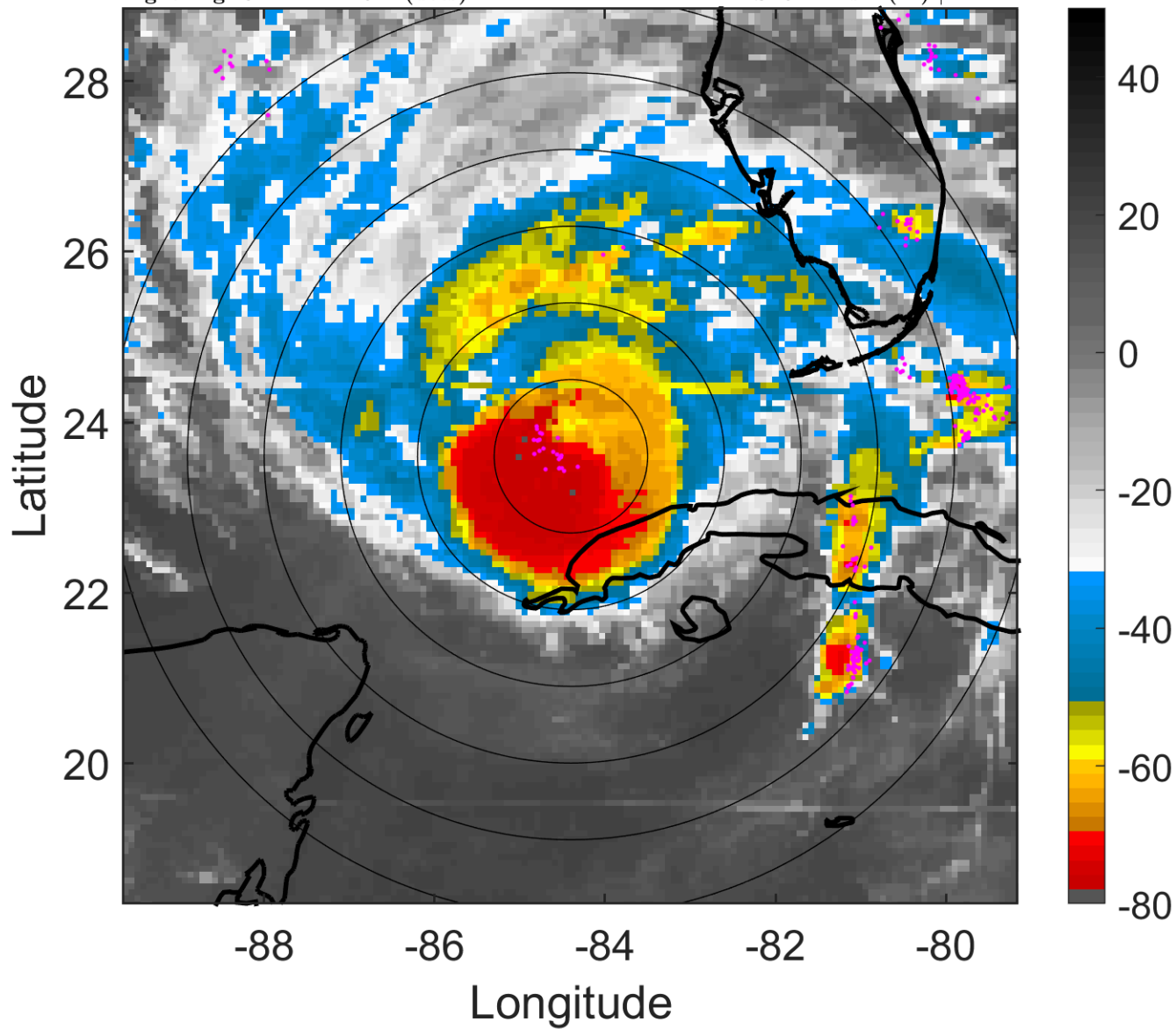
t: 2008083106 (0.4 LT)

Lightning: 0.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 105 kt C3

S: 9.2 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

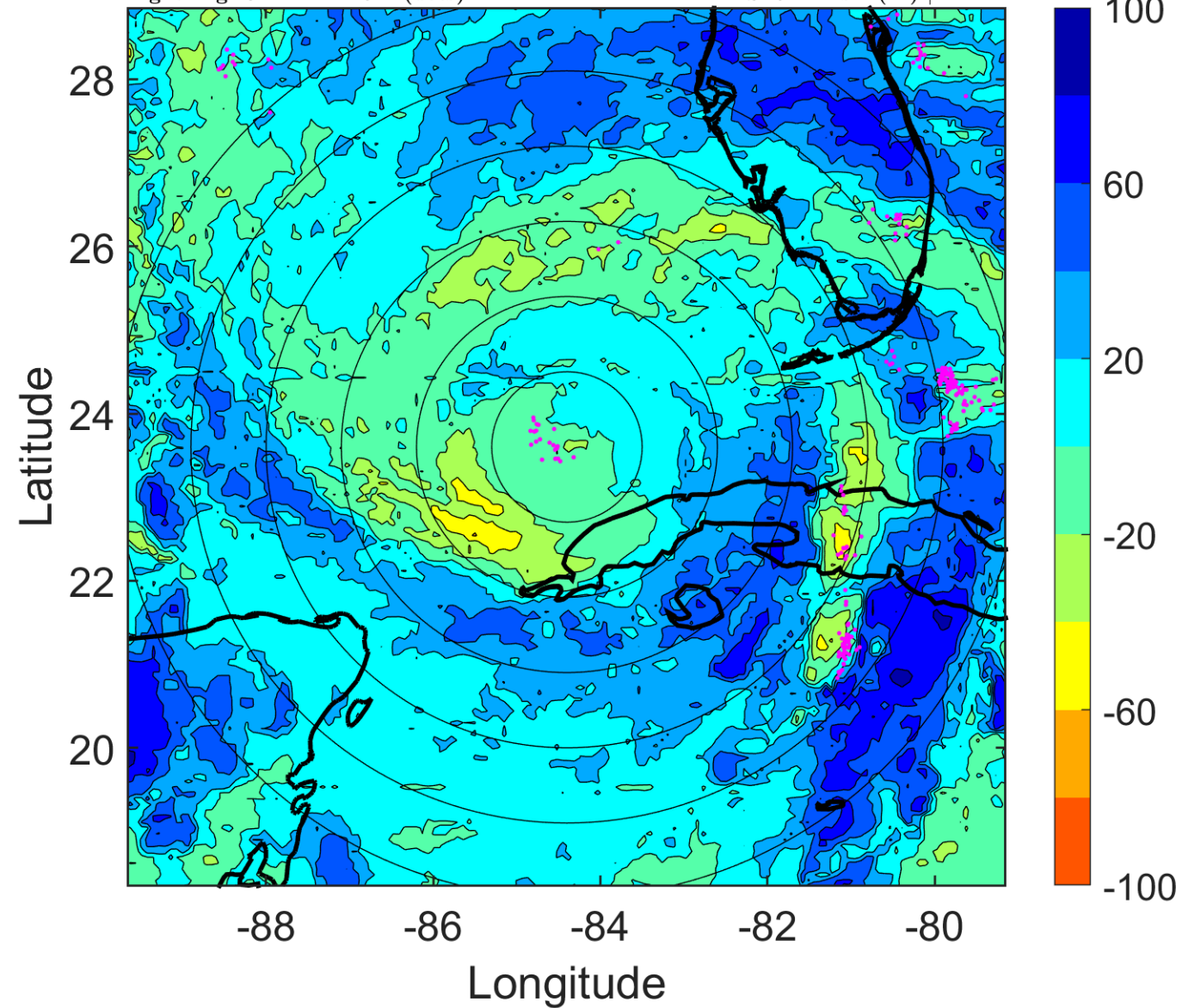
$\Delta$ t: 2008083106 (0.4 LT) - 2008083100 (18.4 LT)

Lightning: 0.4 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 105 kt C3

S: 9.2 m s<sup>-1</sup> (M) | H: 44°



### IR BT & Lightning

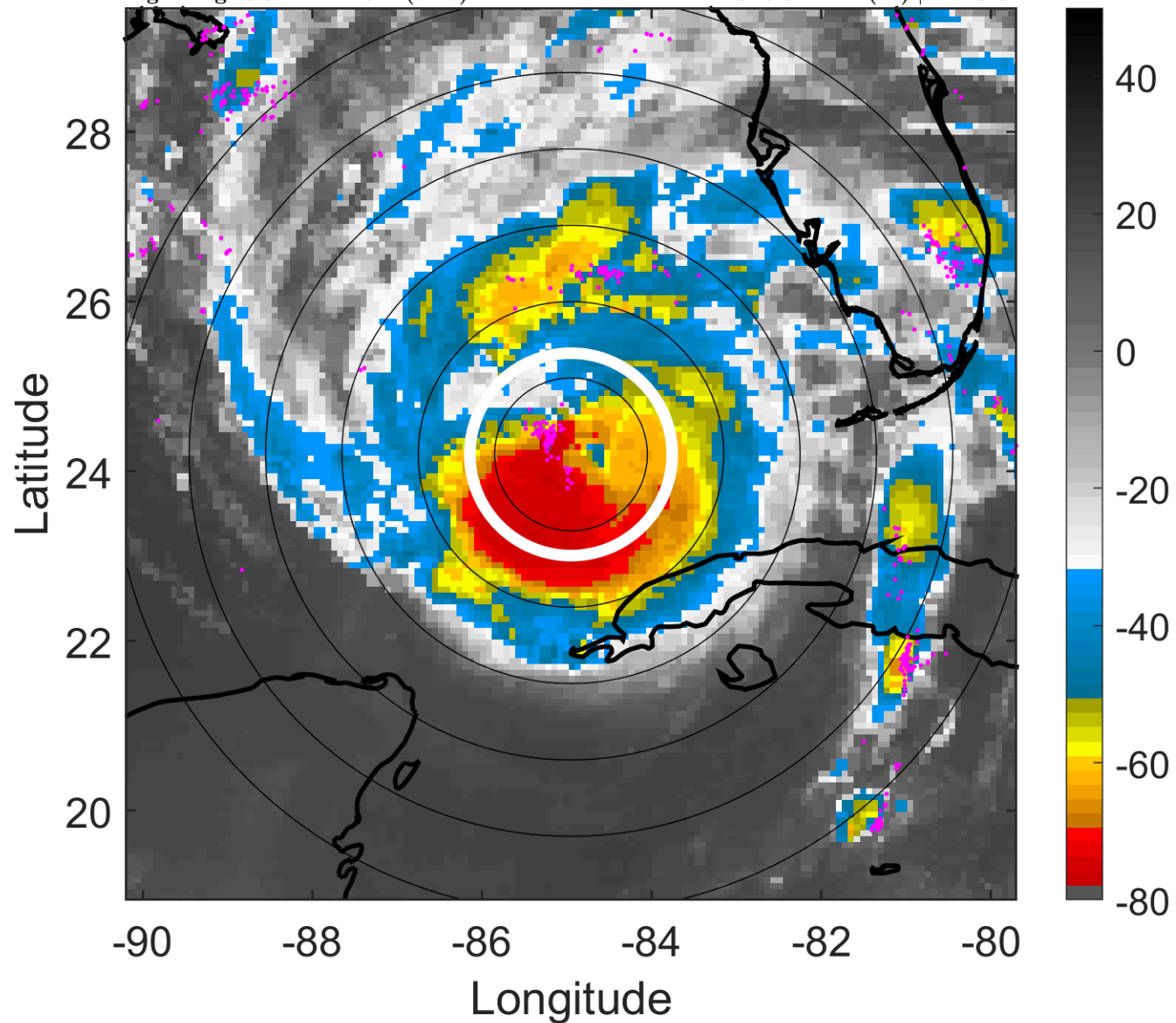
t: 2008083109 (3.3 LT)

Lightning: 3.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 102.5 kt C3

S: 9.5 m s<sup>-1</sup> (M) | H: 28.5°



### 6-h IR BT Differences & Lightning

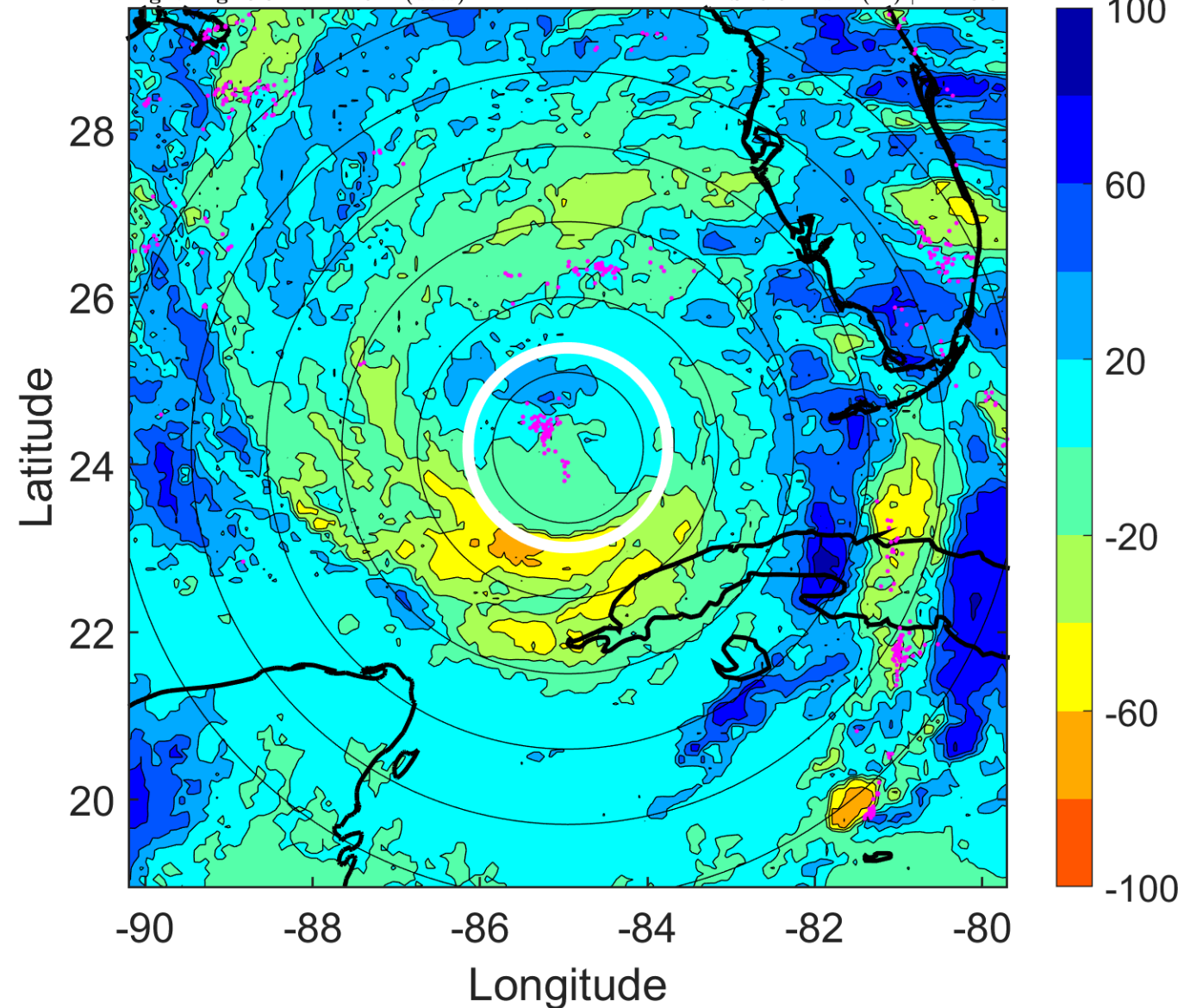
$\Delta$ t: 2008083109 (3.3 LT) - 2008083103 (21.4 LT)

Lightning: 3.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 102.5 kt C3

S: 9.5 m s<sup>-1</sup> (M) | H: 28.5°





### IR BT & Lightning

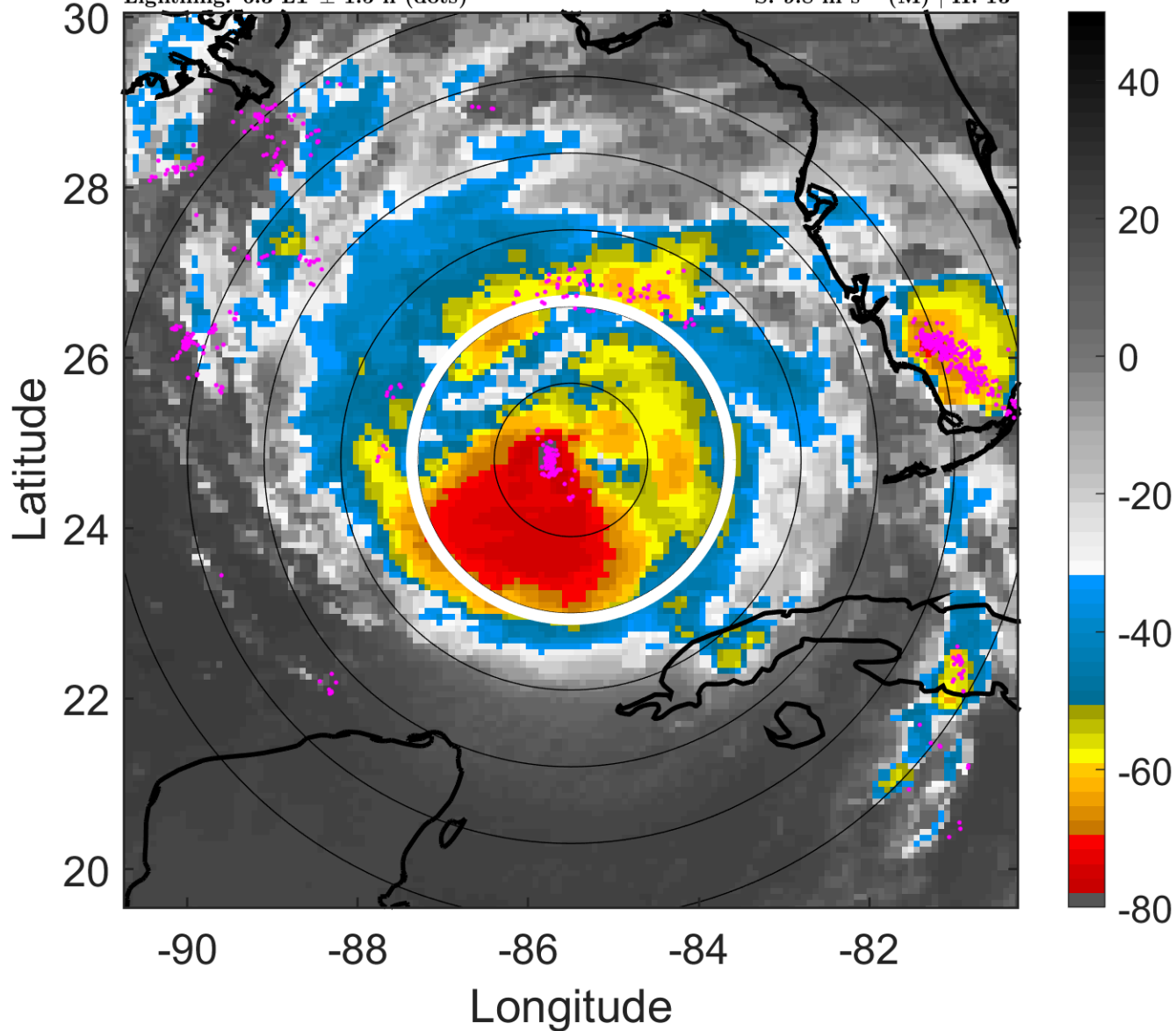
t: 2008083112 (6.3 LT)

Lightning: 6.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 100 kt C3

S: 9.8 m s<sup>-1</sup> (M) | H: 13°



### 6-h IR BT Differences & Lightning

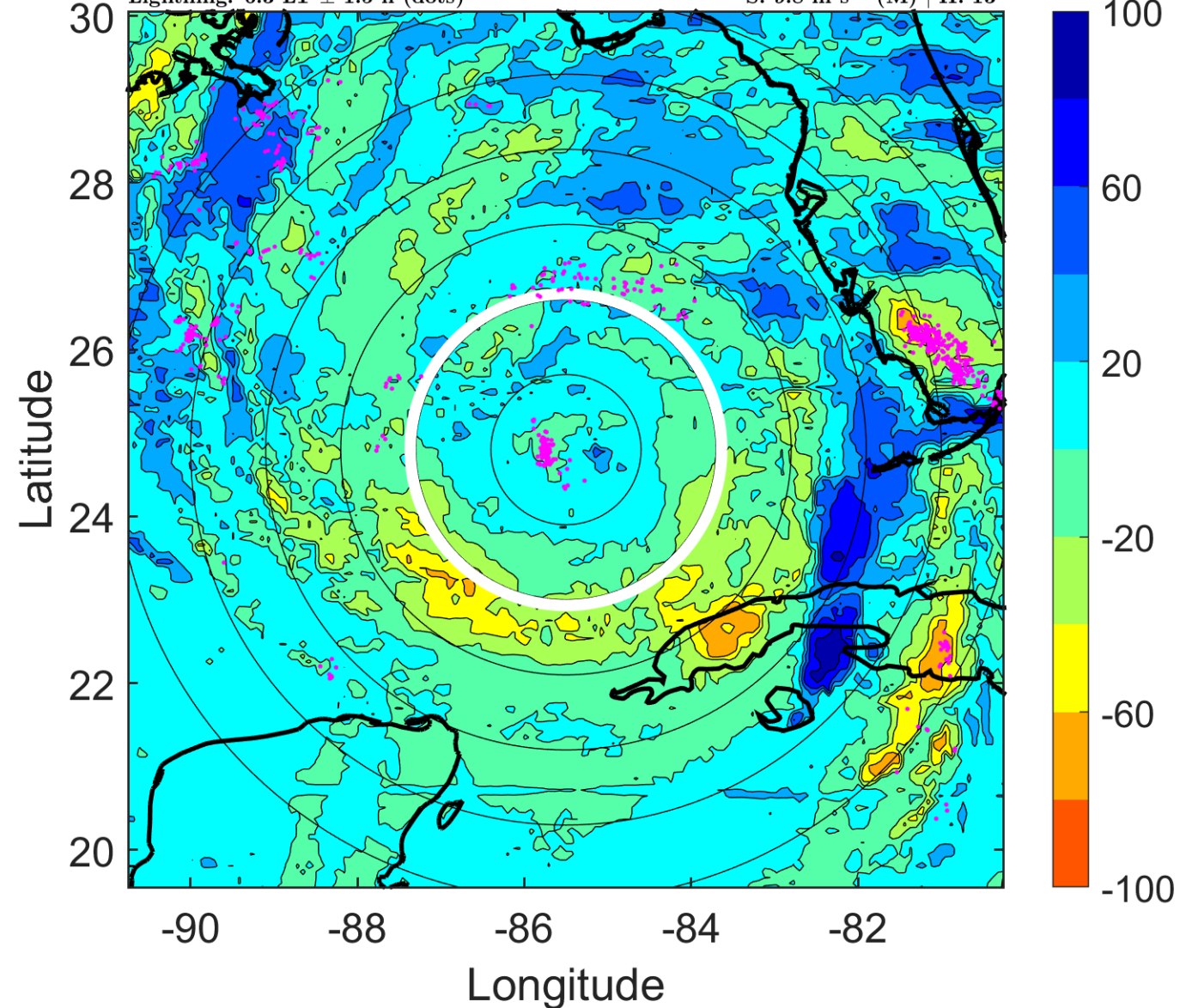
$\Delta$ t: 2008083112 (6.3 LT) - 2008083106 (0.4 LT)

Lightning: 6.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 100 kt C3

S: 9.8 m s<sup>-1</sup> (M) | H: 13°



### IR BT & Lightning

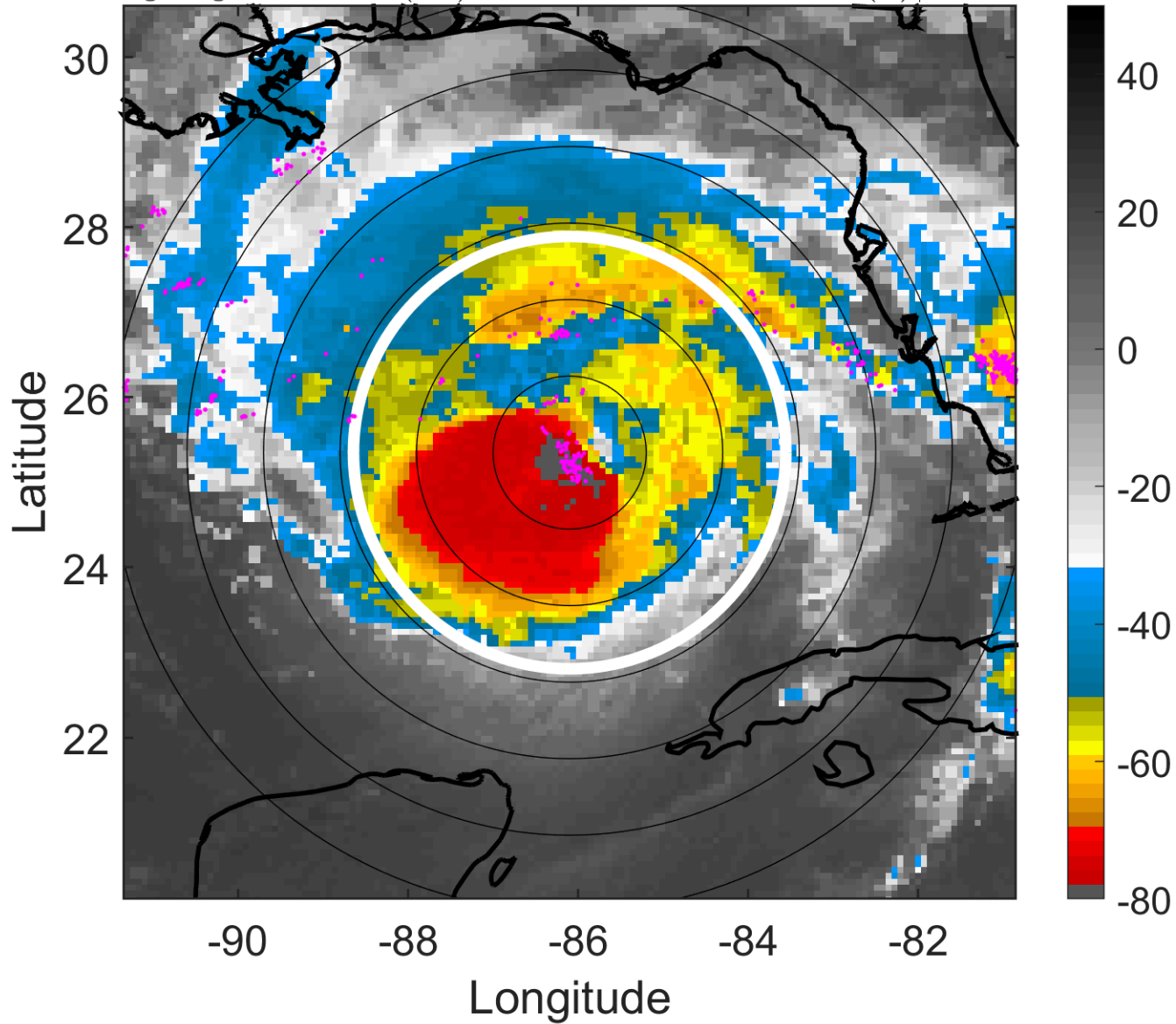
t: 2008083115 (9.3 LT)

Lightning: 9.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 97.5 kt C3

S: 10.6 m s<sup>-1</sup> (M) | H: 11.5°



### 6-h IR BT Differences & Lightning

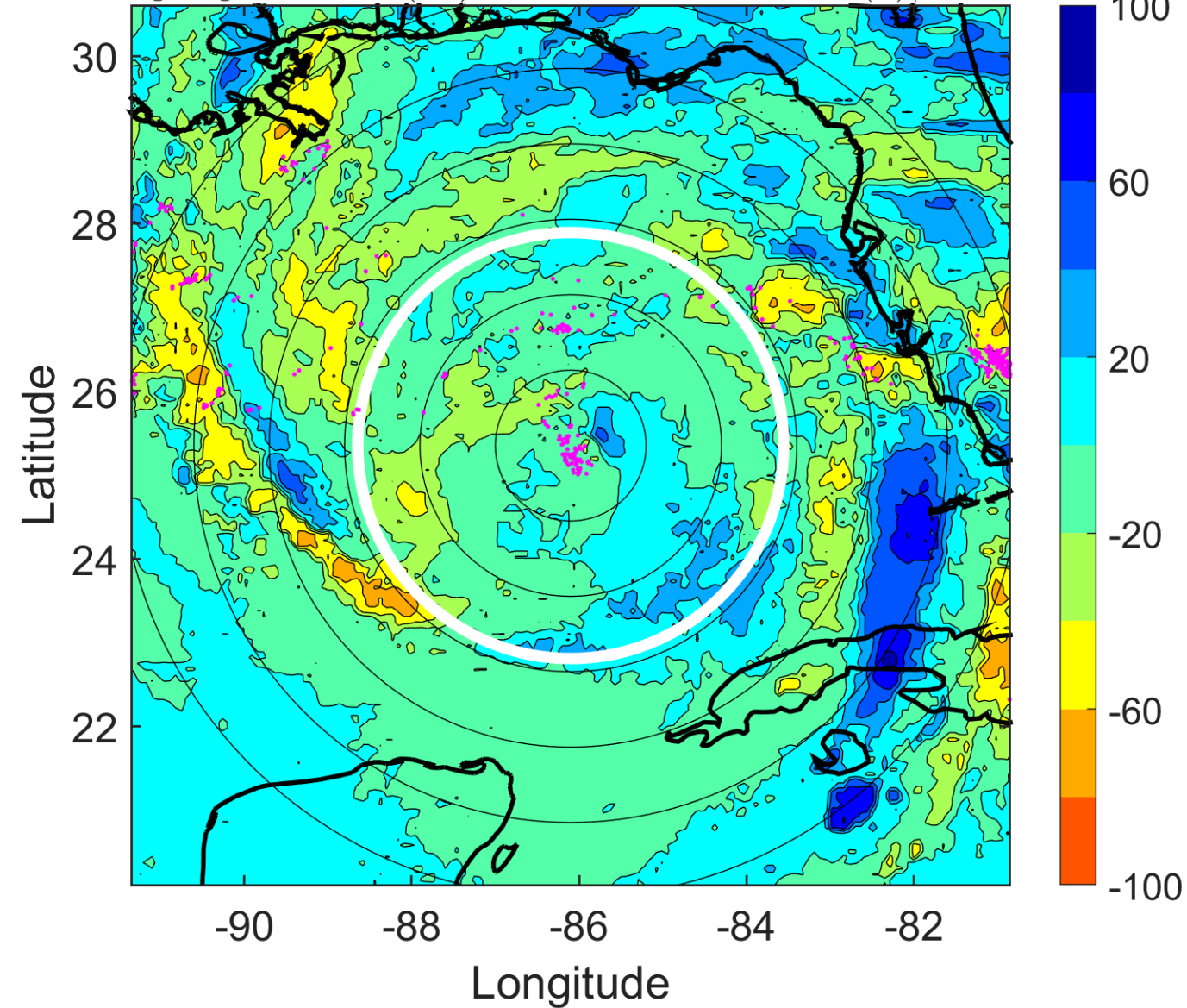
$\Delta$ t: 2008083115 (9.3 LT) - 2008083109 (3.3 LT)

Lightning: 9.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 97.5 kt C3

S: 10.6 m s<sup>-1</sup> (M) | H: 11.5°





### IR BT & Lightning

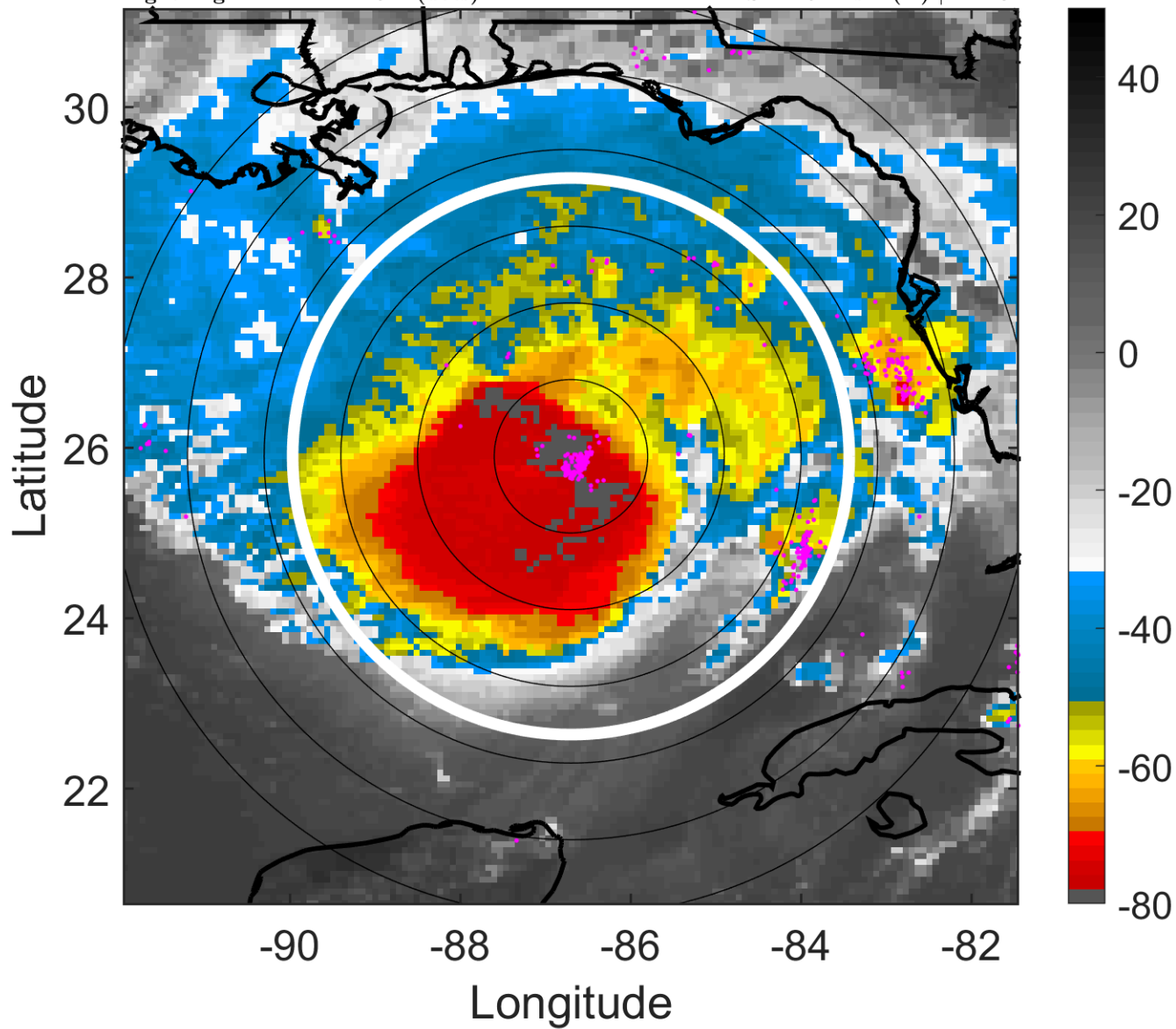
t: 2008083118 (12.2 LT)

Lightning: 12.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 11.5 m s<sup>-1</sup> (H) | H: 10°



### 6-h IR BT Differences & Lightning

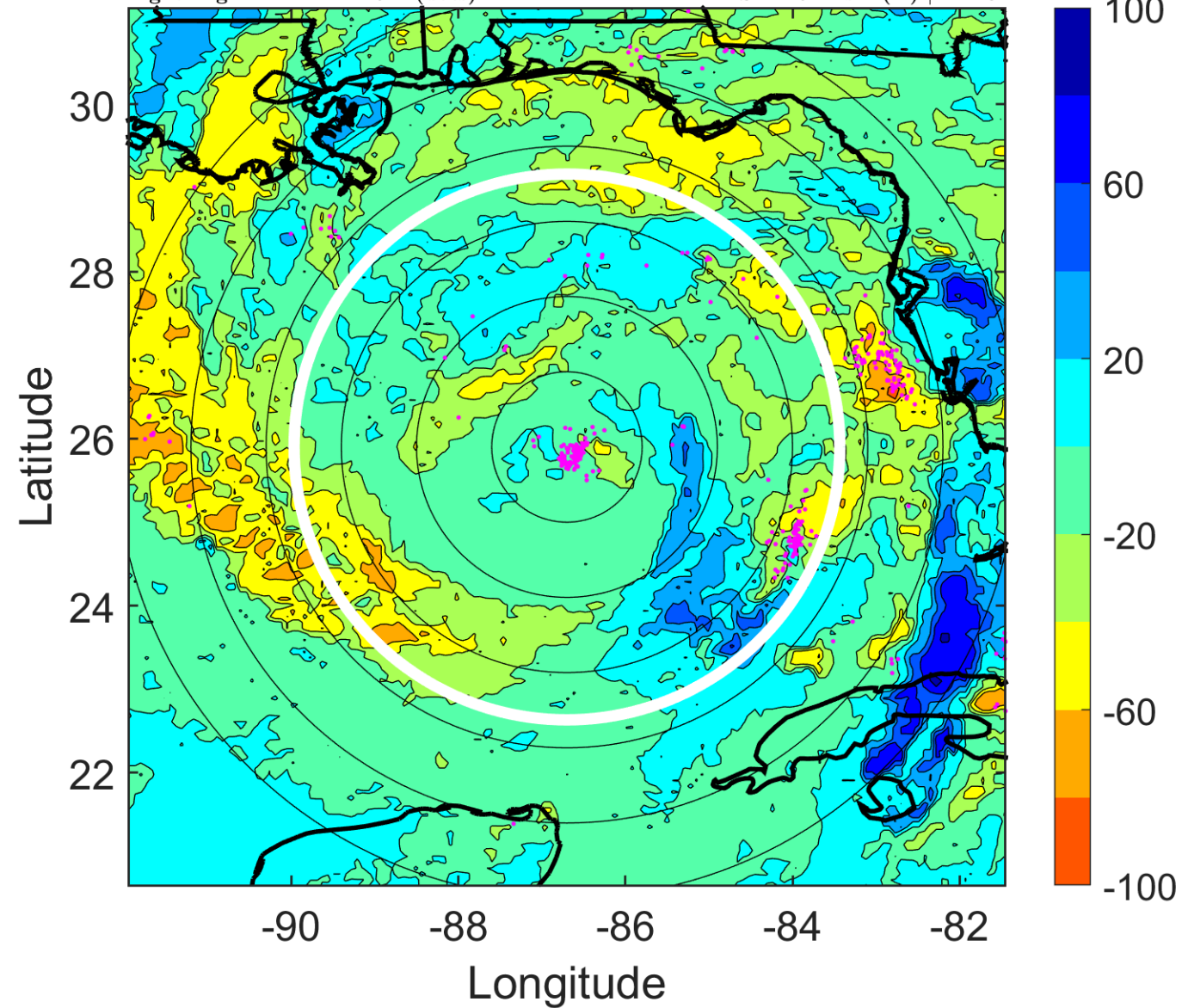
$\Delta$ t: 2008083118 (12.2 LT) - 2008083112 (6.3 LT)

Lightning: 12.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 11.5 m s<sup>-1</sup> (H) | H: 10°



### IR BT & Lightning

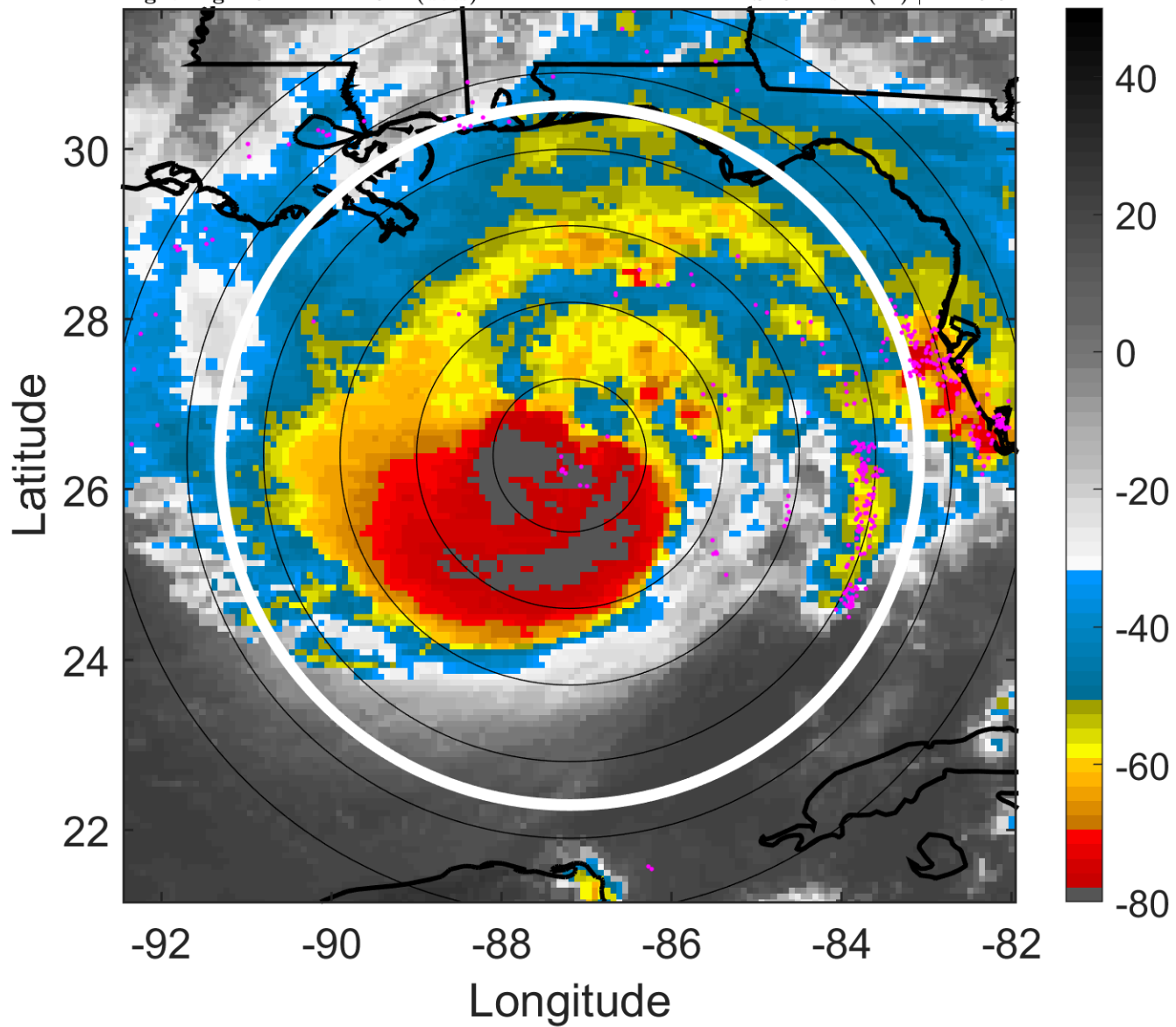
t: 2008083121 (15.2 LT)

Lightning: 15.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 9 m s<sup>-1</sup> (M) | H: 15.5°



### 6-h IR BT Differences & Lightning

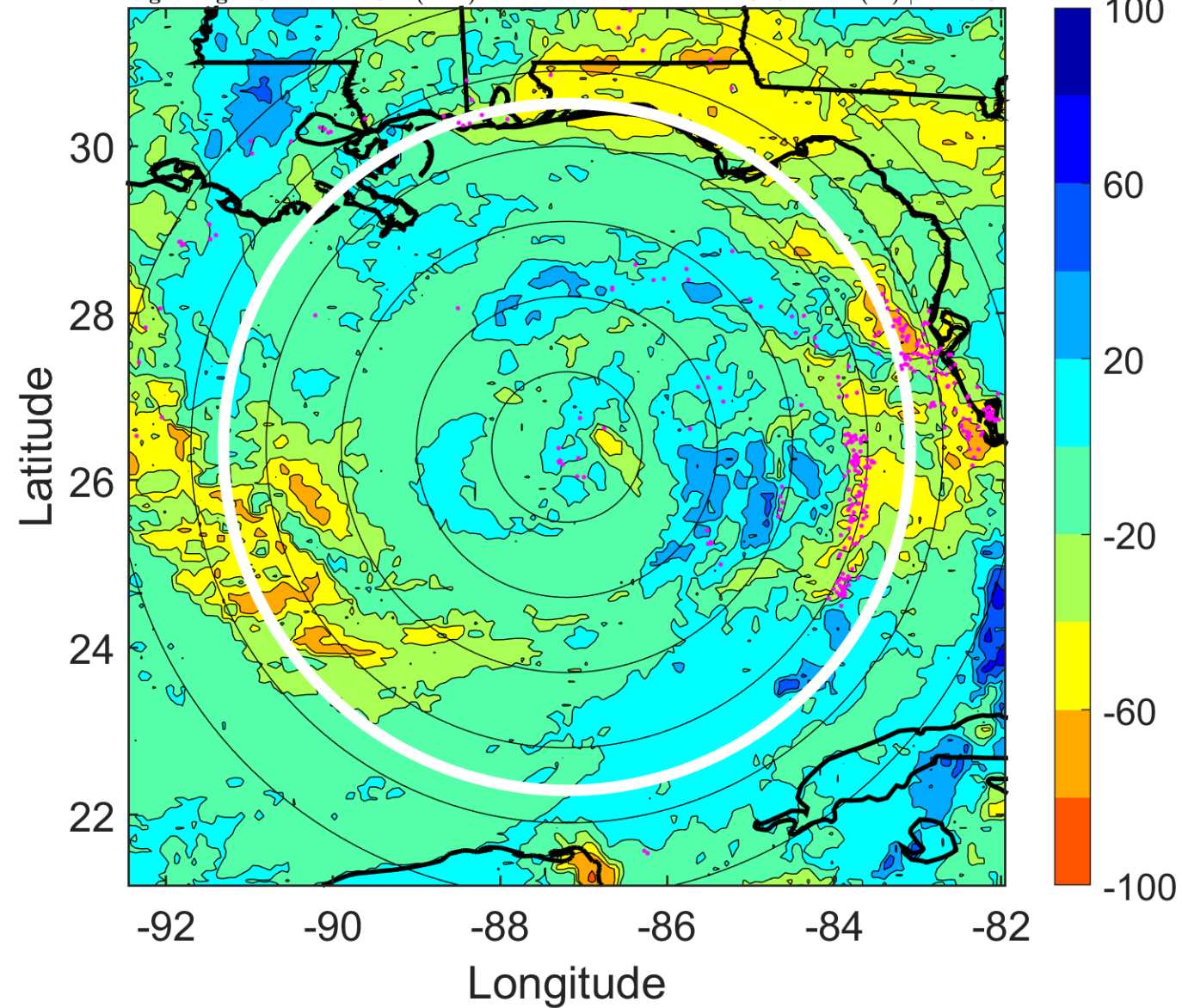
$\Delta$ t: 2008083121 (15.2 LT) - 2008083115 (9.3 LT)

Lightning: 15.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 9 m s<sup>-1</sup> (M) | H: 15.5°





### IR BT & Lightning

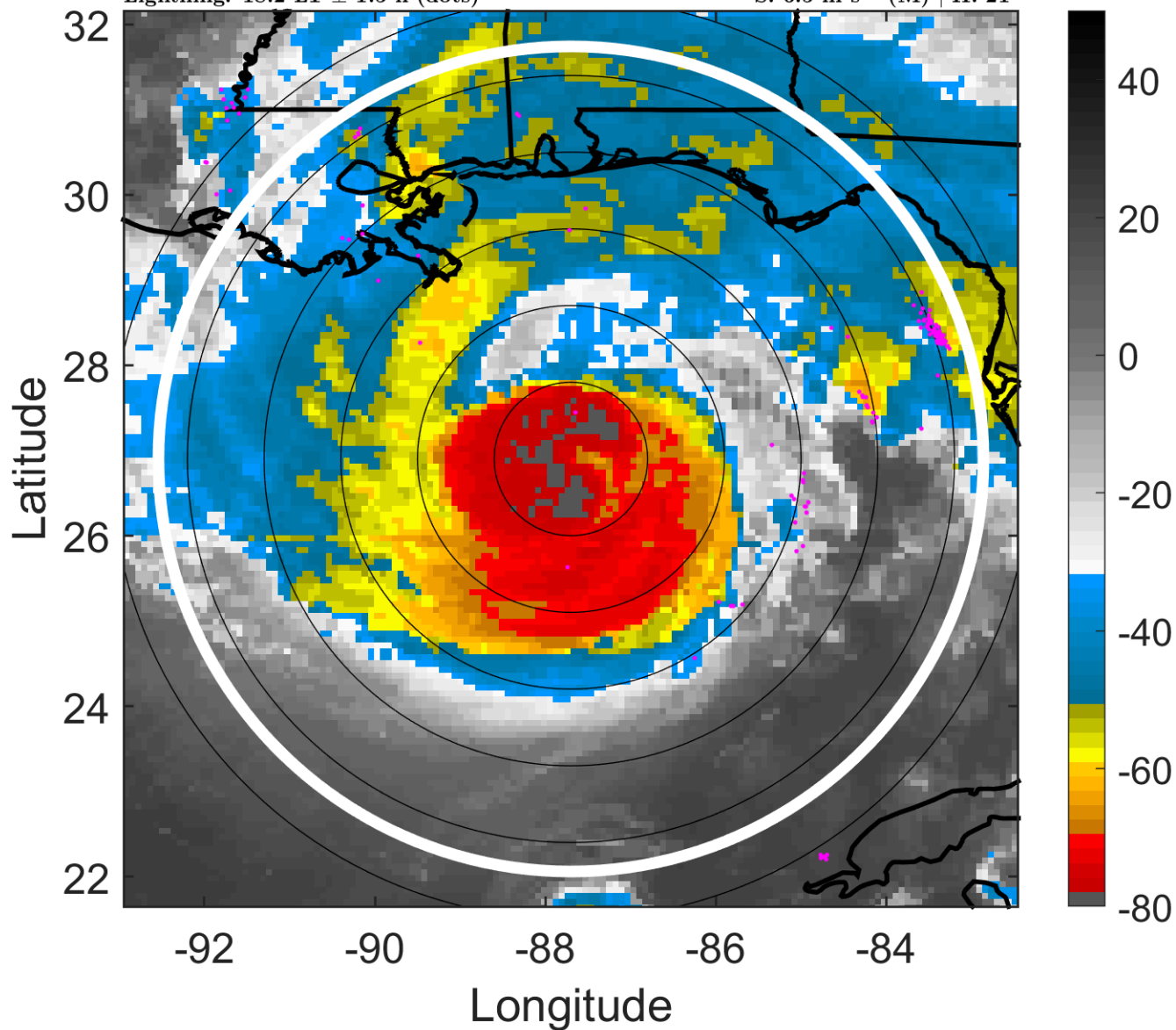
t: 2008090100 (18.2 LT)

Lightning: 18.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 6.5 m s<sup>-1</sup> (M) | H: 21°



### 6-h IR BT Differences & Lightning

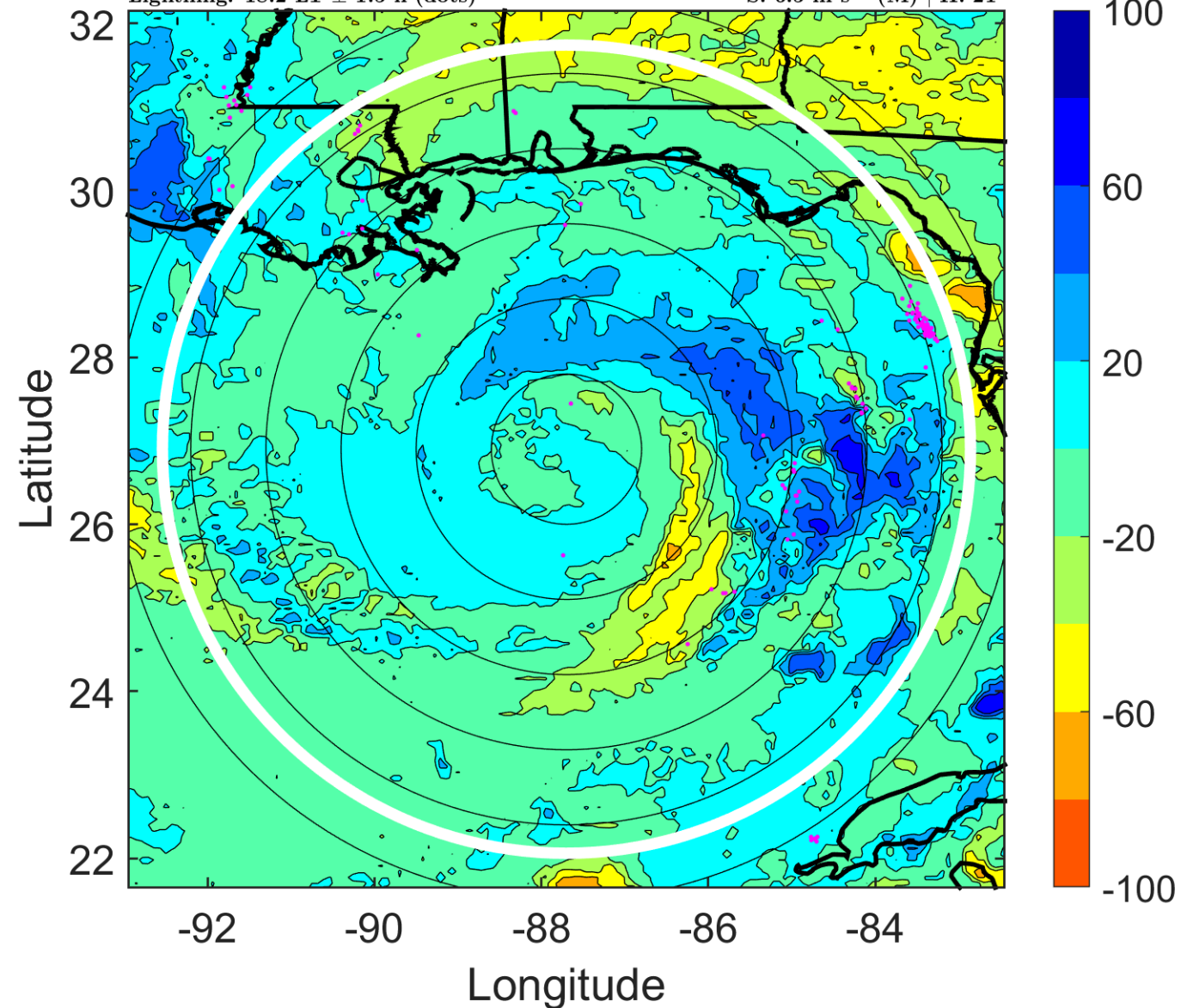
$\Delta$ t: 2008090100 (18.2 LT) - 2008083118 (12.2 LT)

Lightning: 18.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 6.5 m s<sup>-1</sup> (M) | H: 21°



### IR BT & Lightning

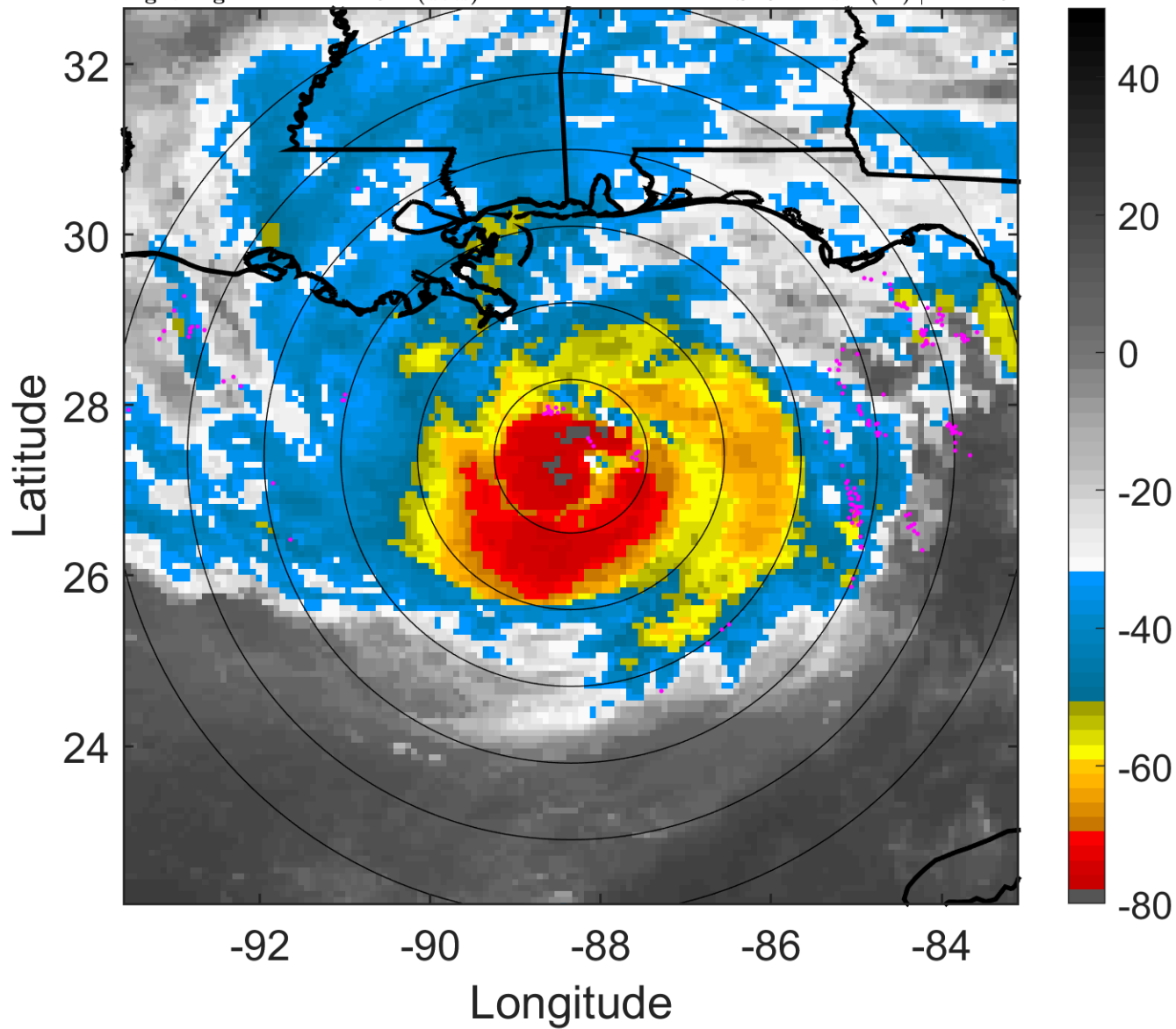
t: 2008090103 (21.1 LT)

Lightning: 21.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 6.4 m s<sup>-1</sup> (M) | H: 24.5°



### 6-h IR BT Differences & Lightning

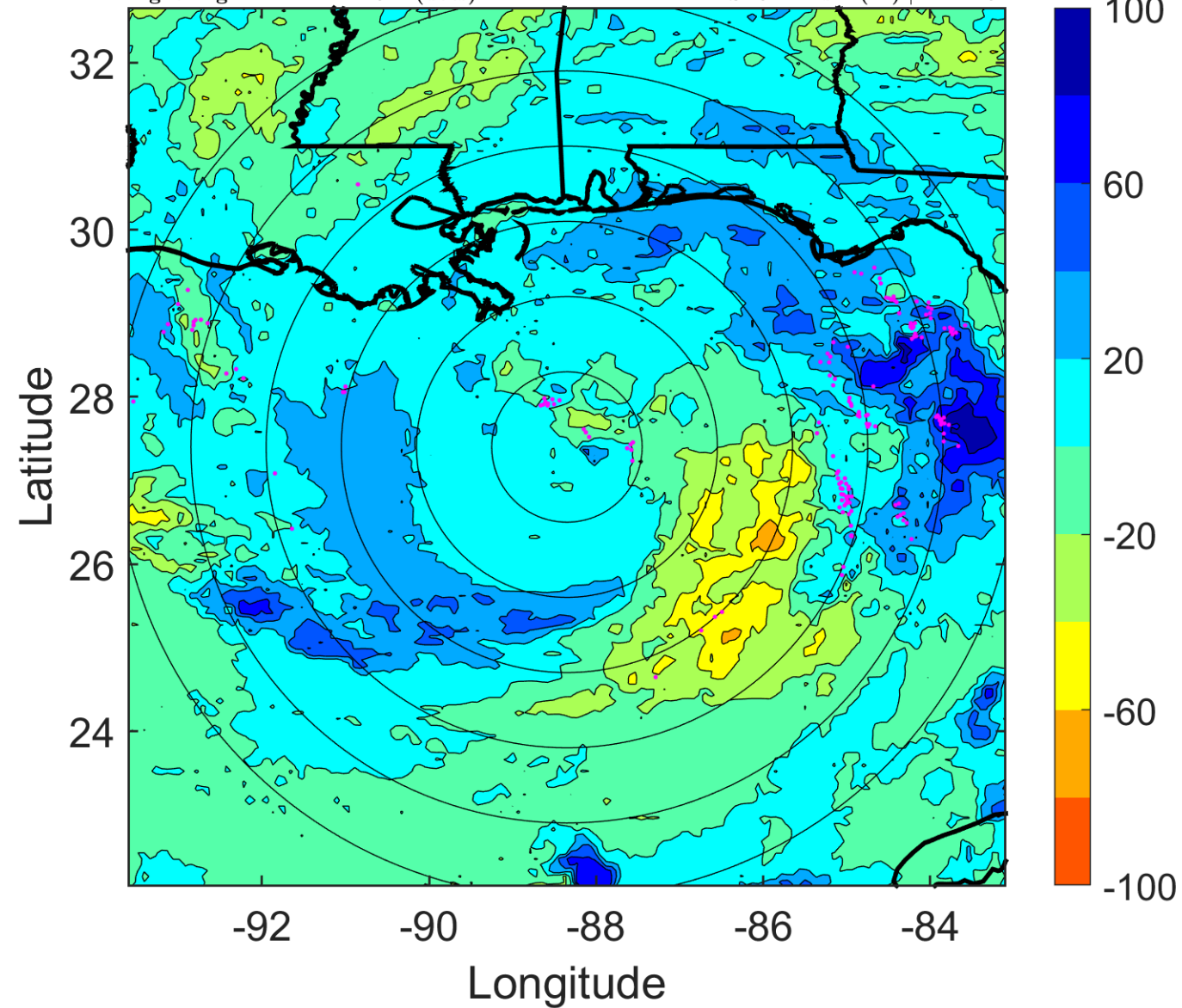
$\Delta$ t: 2008090103 (21.1 LT) - 2008083121 (15.2 LT)

Lightning: 21.1 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

07L (GUSTAV) | 95 kt C2

S: 6.4 m s<sup>-1</sup> (M) | H: 24.5°





### IR BT & Lightning

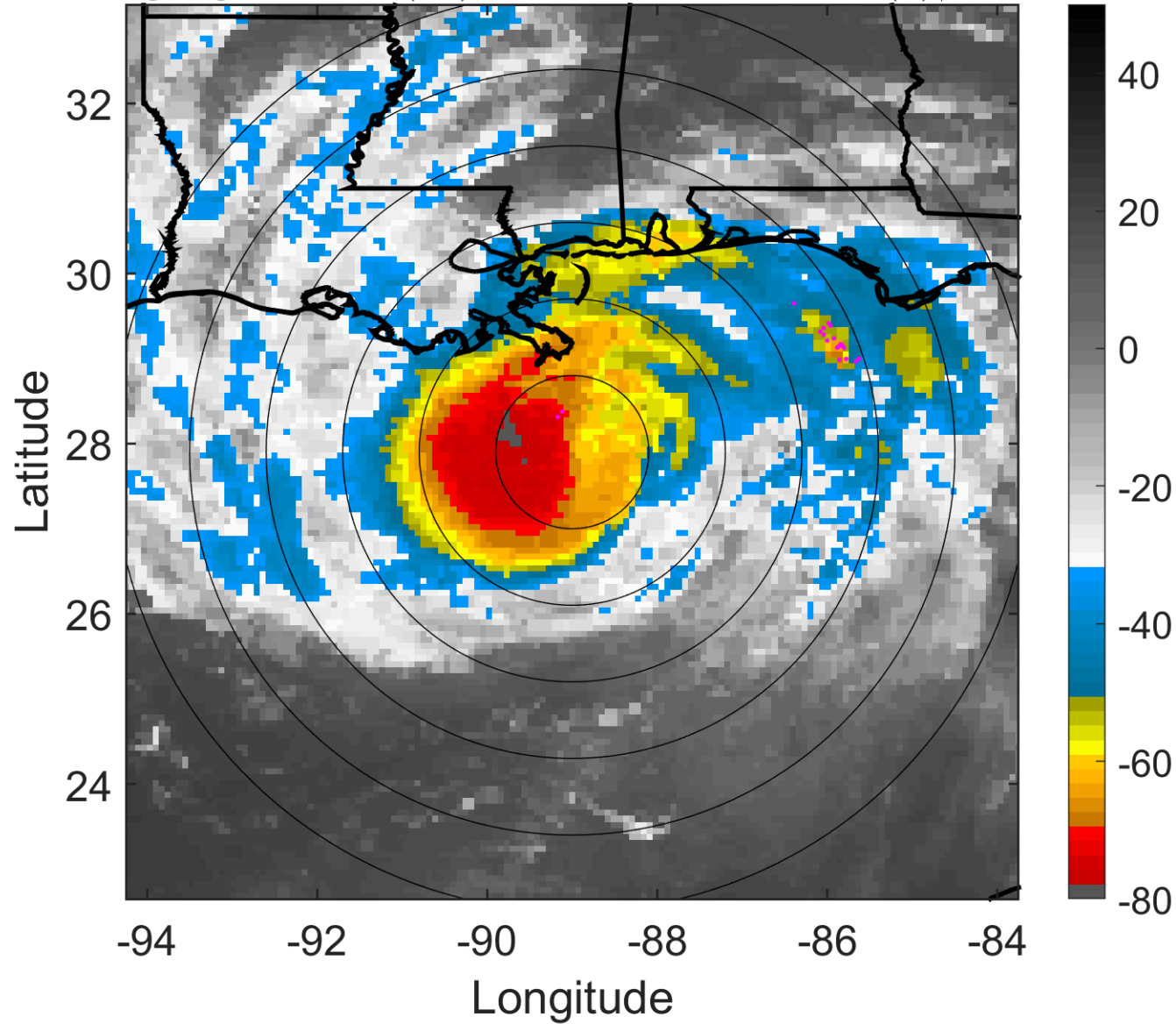
t: 2008090106 (0.1 LT)

Lightning: 0.1 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 95 kt C2

S: 6.3 m s<sup>-1</sup> (M) | H: 28°



### 6-h IR BT Differences & Lightning

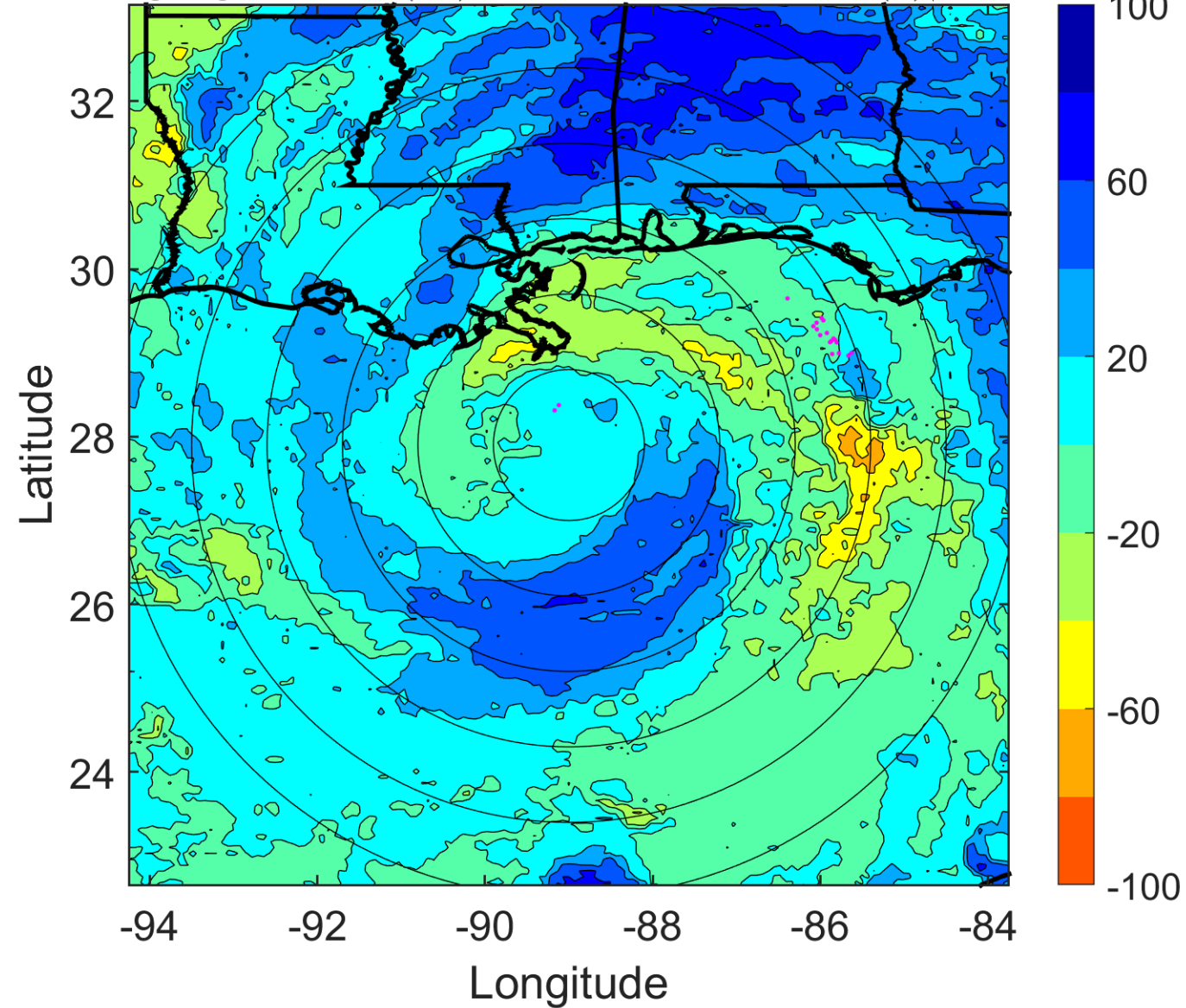
$\Delta$ t: 2008090106 (0.1 LT) - 2008090100 (18.2 LT)

Lightning: 0.1 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 95 kt C2

S: 6.3 m s<sup>-1</sup> (M) | H: 28°



### IR BT & Lightning

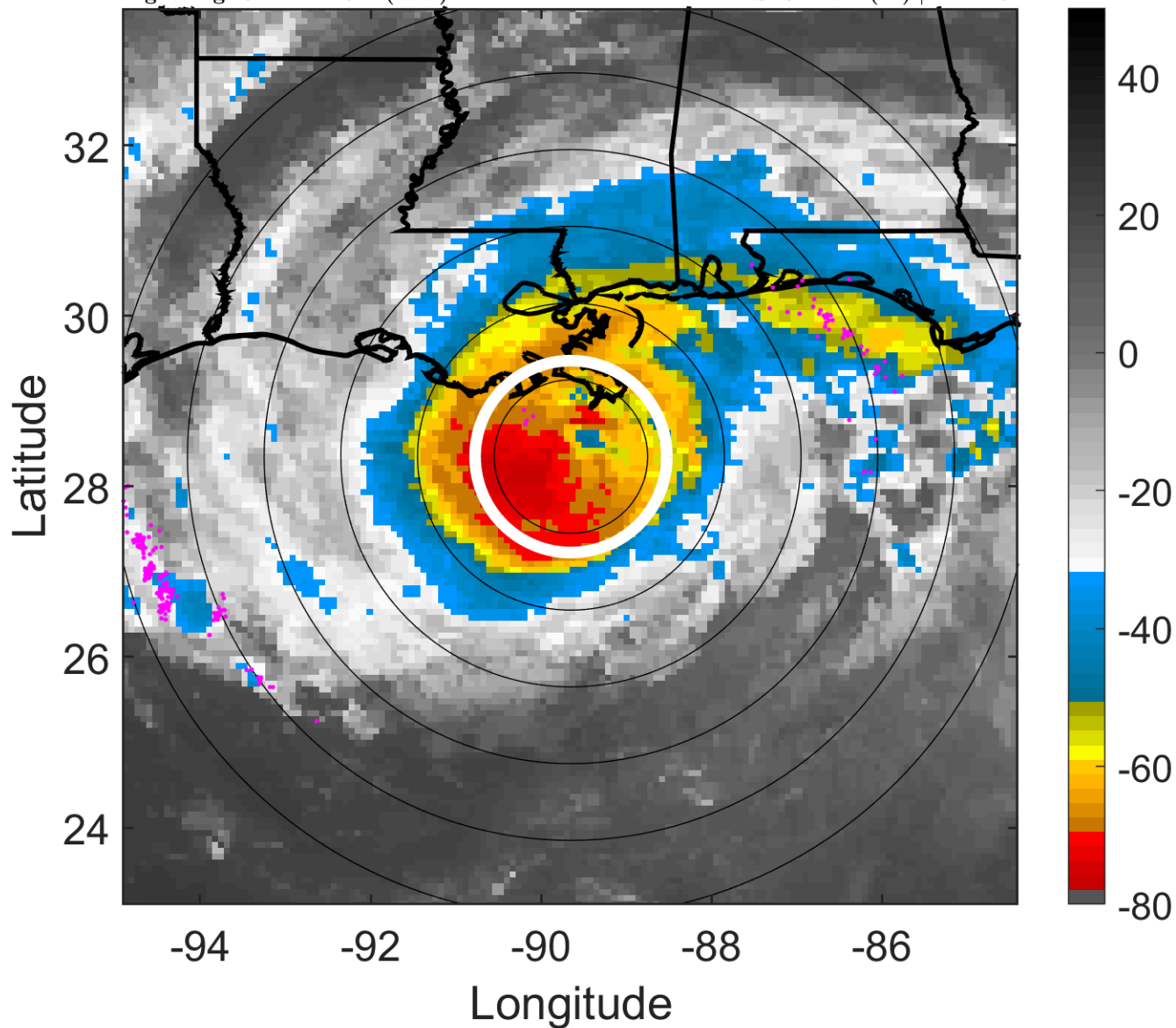
t: 2008090109 (3 LT)

Lightning: 3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 95 kt C2

S: 6 m s<sup>-1</sup> (M) | H: 21.5°



### 6-h IR BT Differences & Lightning

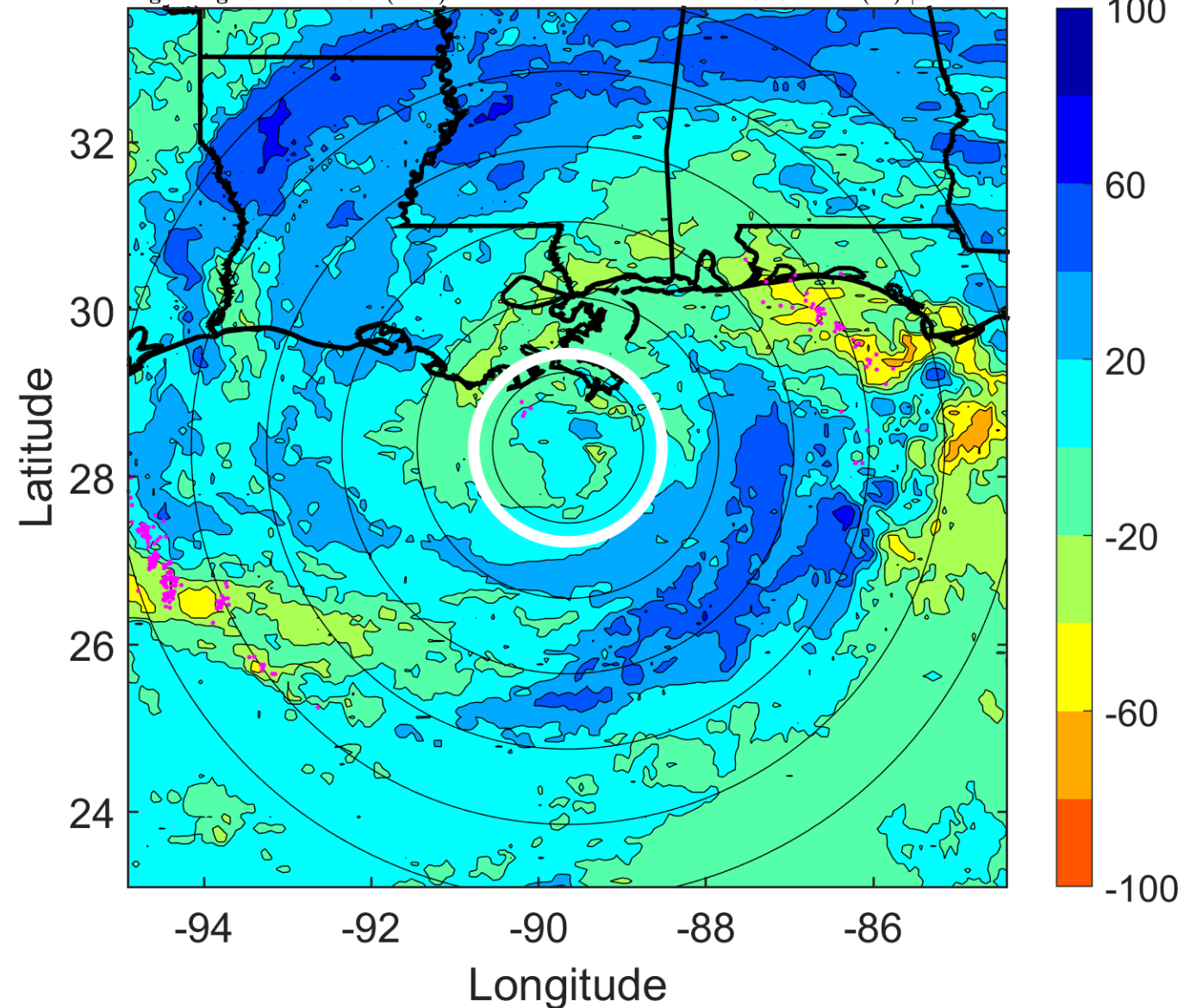
$\Delta$ t: 2008090109 (3 LT) - 2008090103 (21.1 LT)

Lightning: 3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 95 kt C2

S: 6 m s<sup>-1</sup> (M) | H: 21.5°





### IR BT & Lightning

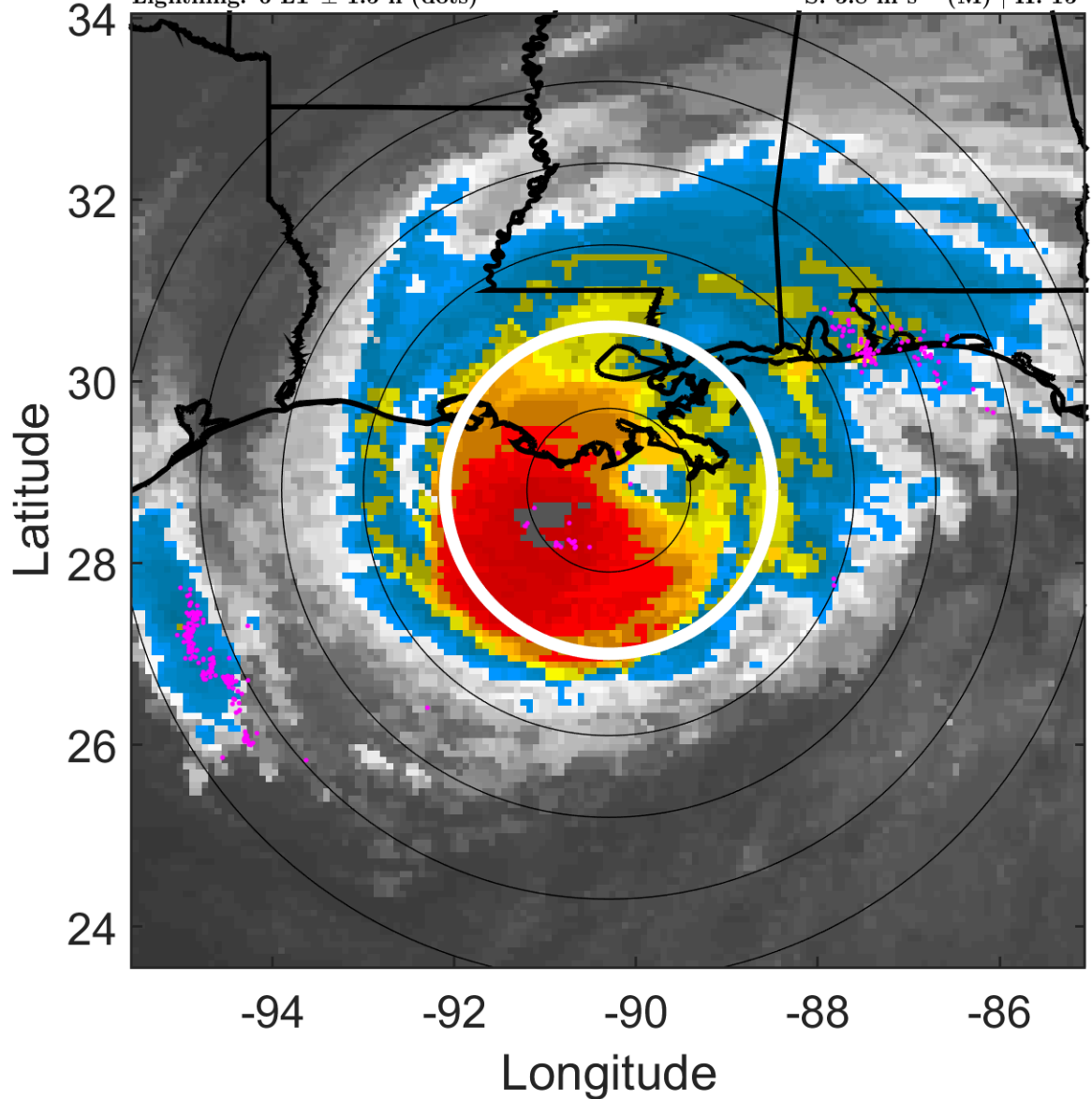
t: 2008090112 (6 LT)

Lightning: 6 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 95 kt C2

S: 5.8 m s<sup>-1</sup> (M) | H: 15°



### 6-h IR BT Differences & Lightning

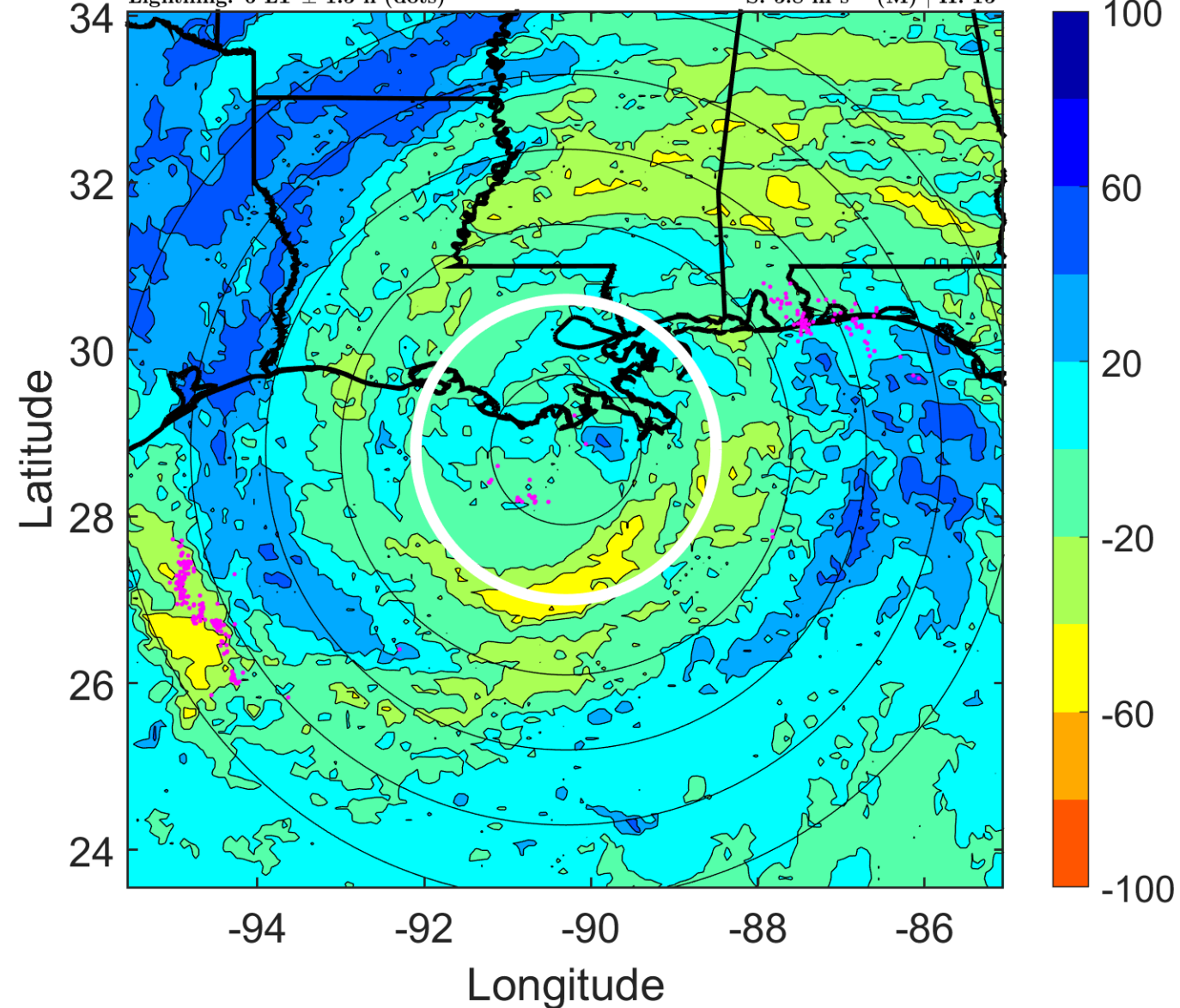
$\Delta$ t: 2008090112 (6 LT) - 2008090106 (0.1 LT)

Lightning: 6 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 95 kt C2

S: 5.8 m s<sup>-1</sup> (M) | H: 15°



### IR BT & Lightning

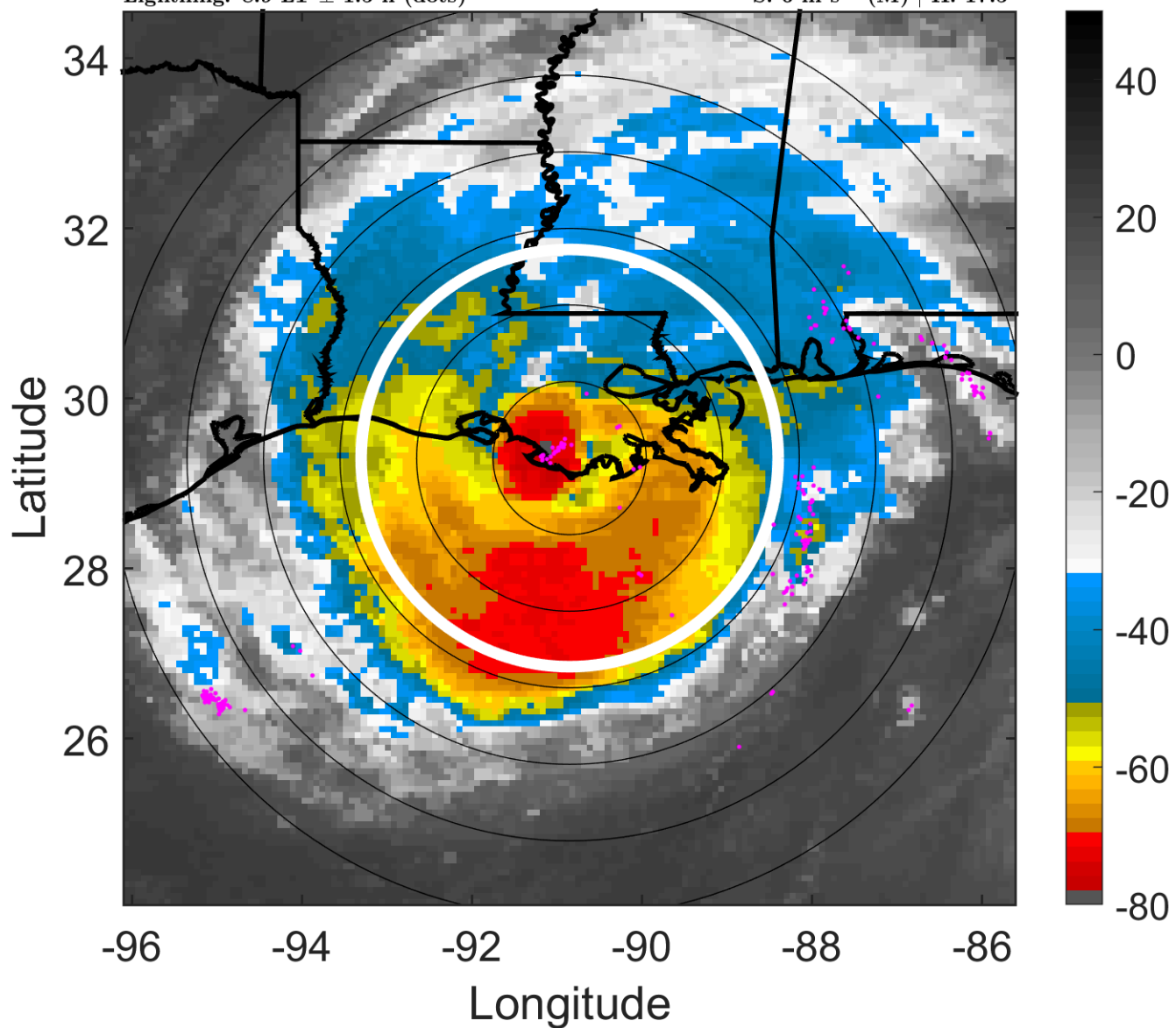
t: 2008090115 (8.9 LT)

Lightning: 8.9 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 90 kt C2

S: 6 m s<sup>-1</sup> (M) | H: 17.5°



### 6-h IR BT Differences & Lightning

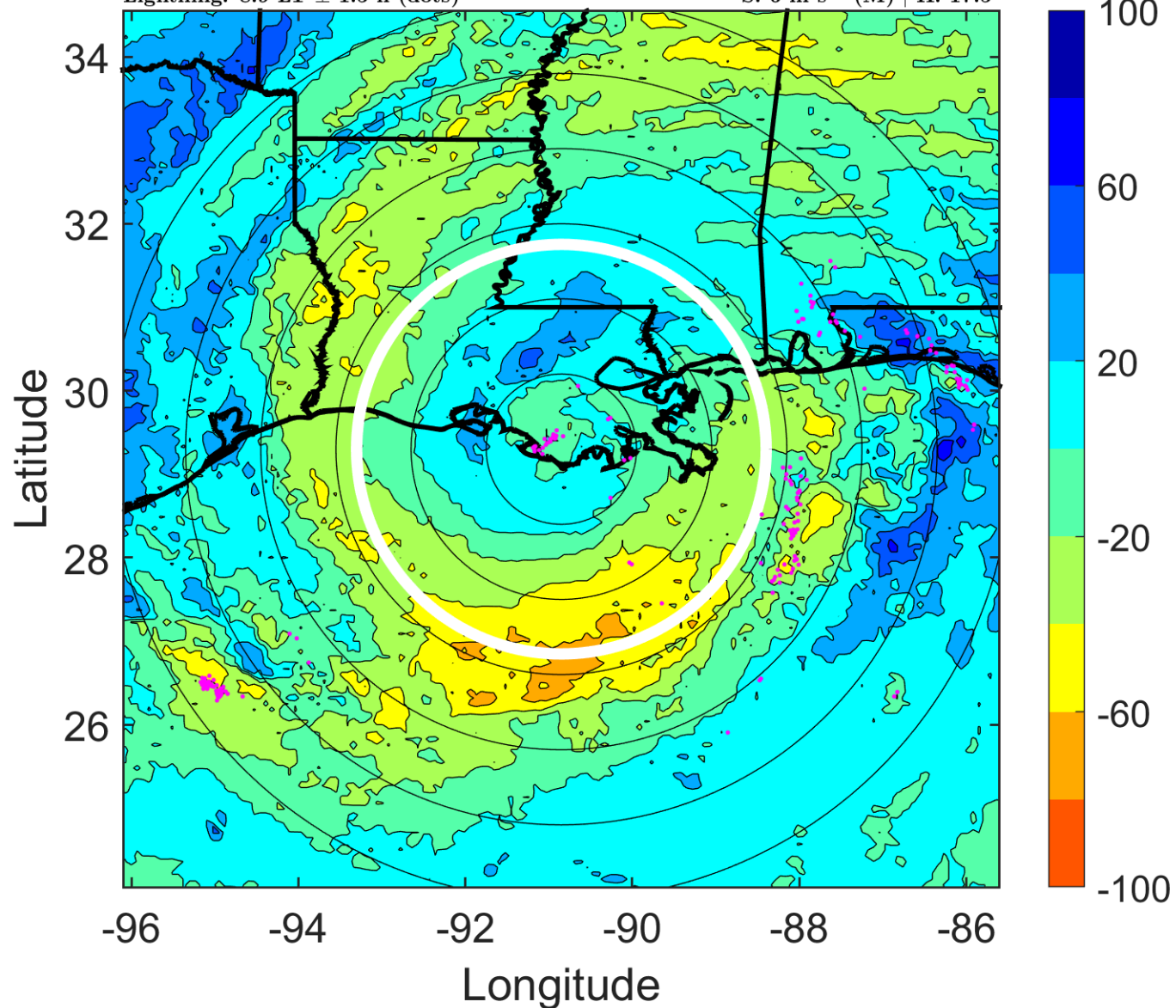
$\Delta$ t: 2008090115 (8.9 LT) - 2008090109 (3 LT)

Lightning: 8.9 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 90 kt C2

S: 6 m s<sup>-1</sup> (M) | H: 17.5°





### IR BT & Lightning

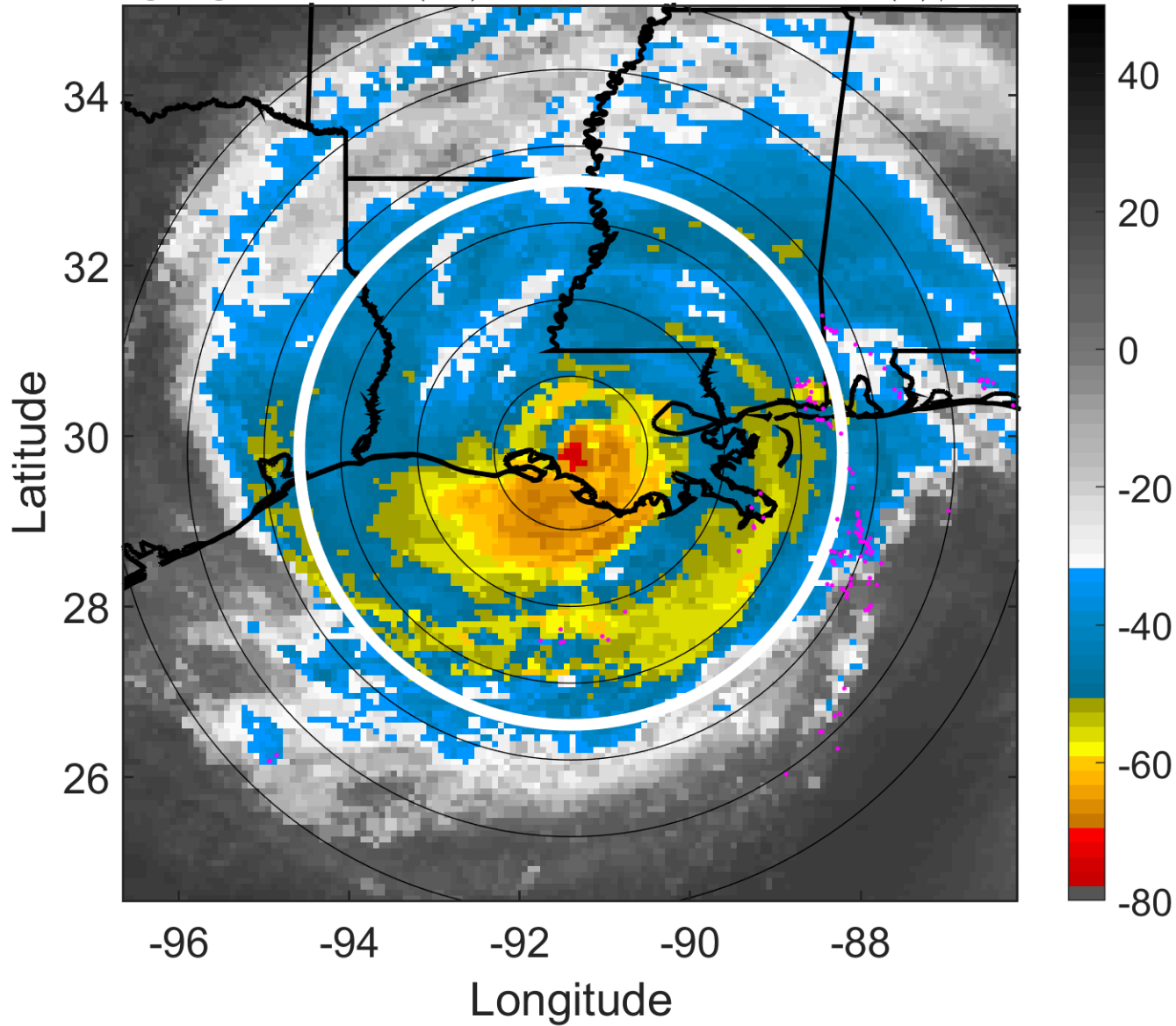
t: 2008090118 (11.9 LT)

Lightning: 11.9 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 85 kt C2

S: 6.2 m s<sup>-1</sup> (M) | H: 20°



### 6-h IR BT Differences & Lightning

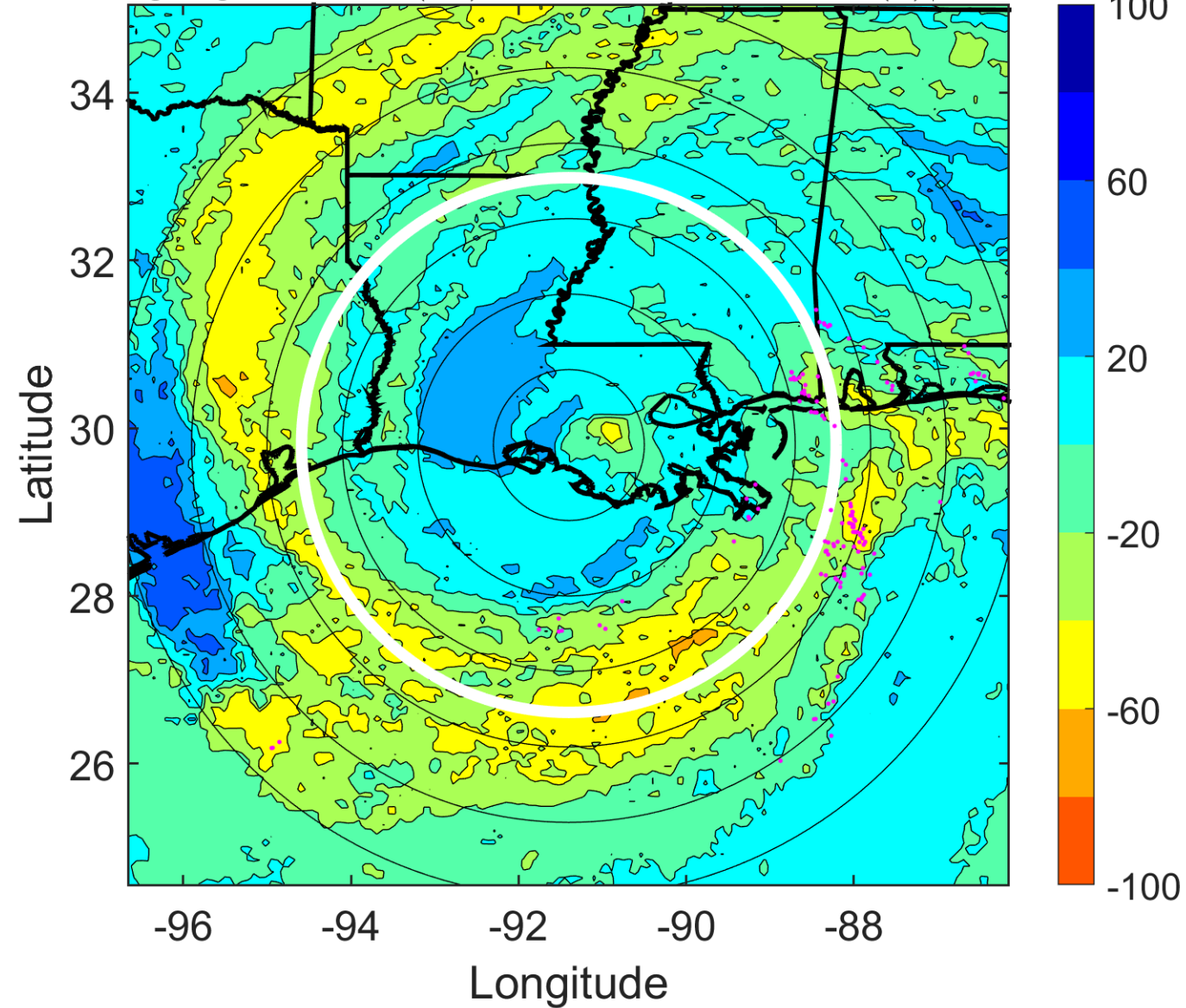
$\Delta$ t: 2008090118 (11.9 LT) - 2008090112 (6 LT)

Lightning: 11.9 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 85 kt C2

S: 6.2 m s<sup>-1</sup> (M) | H: 20°



### IR BT & Lightning

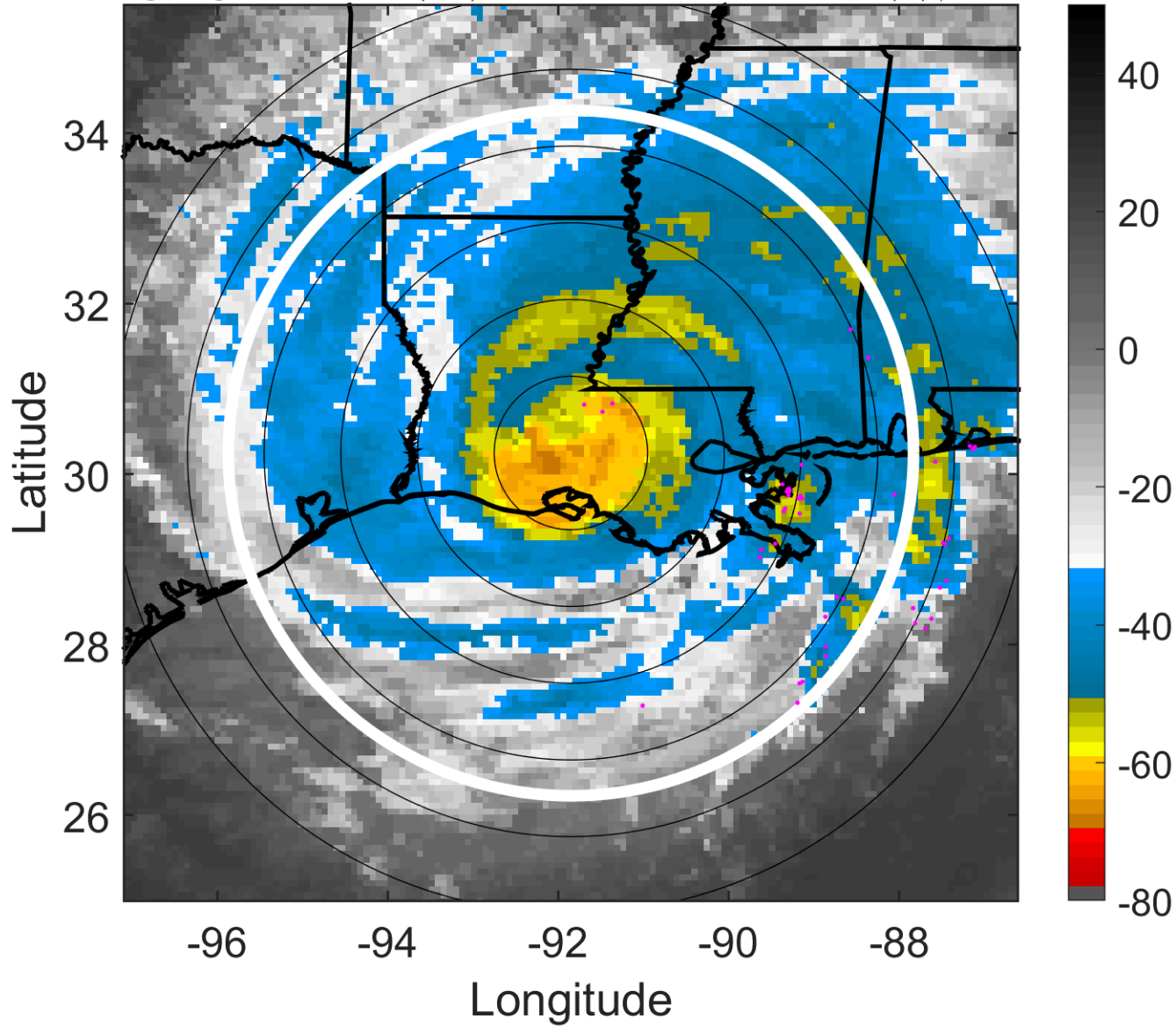
t: 2008090121 (14.9 LT)

Lightning: 14.9 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 72.5 kt C1

S: 8.1 m s<sup>-1</sup> (M) | H: 37°



### 6-h IR BT Differences & Lightning

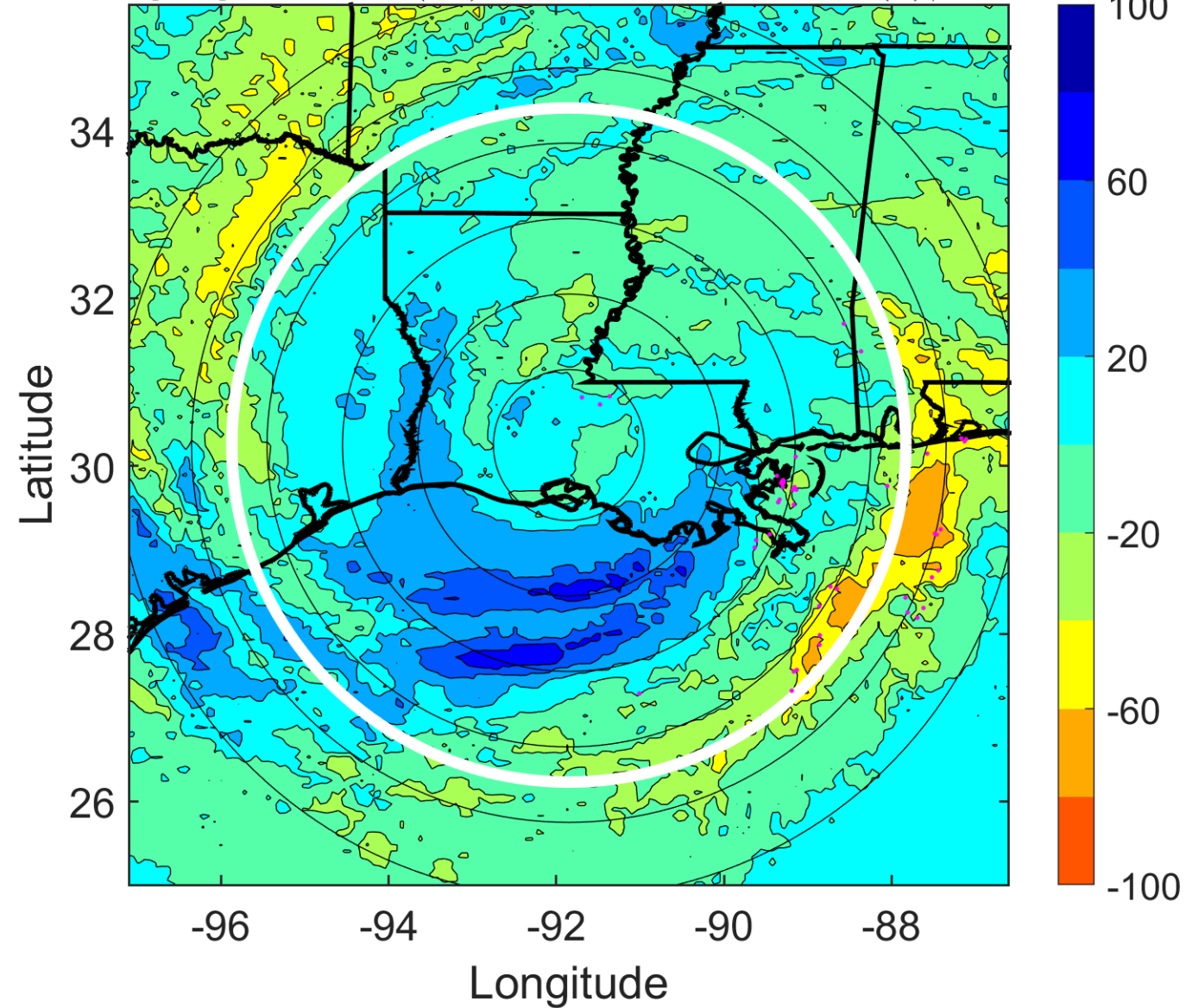
$\Delta$ t: 2008090121 (14.9 LT) - 2008090115 (8.9 LT)

Lightning: 14.9 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 72.5 kt C1

S: 8.1 m s<sup>-1</sup> (M) | H: 37°





### IR BT & Lightning

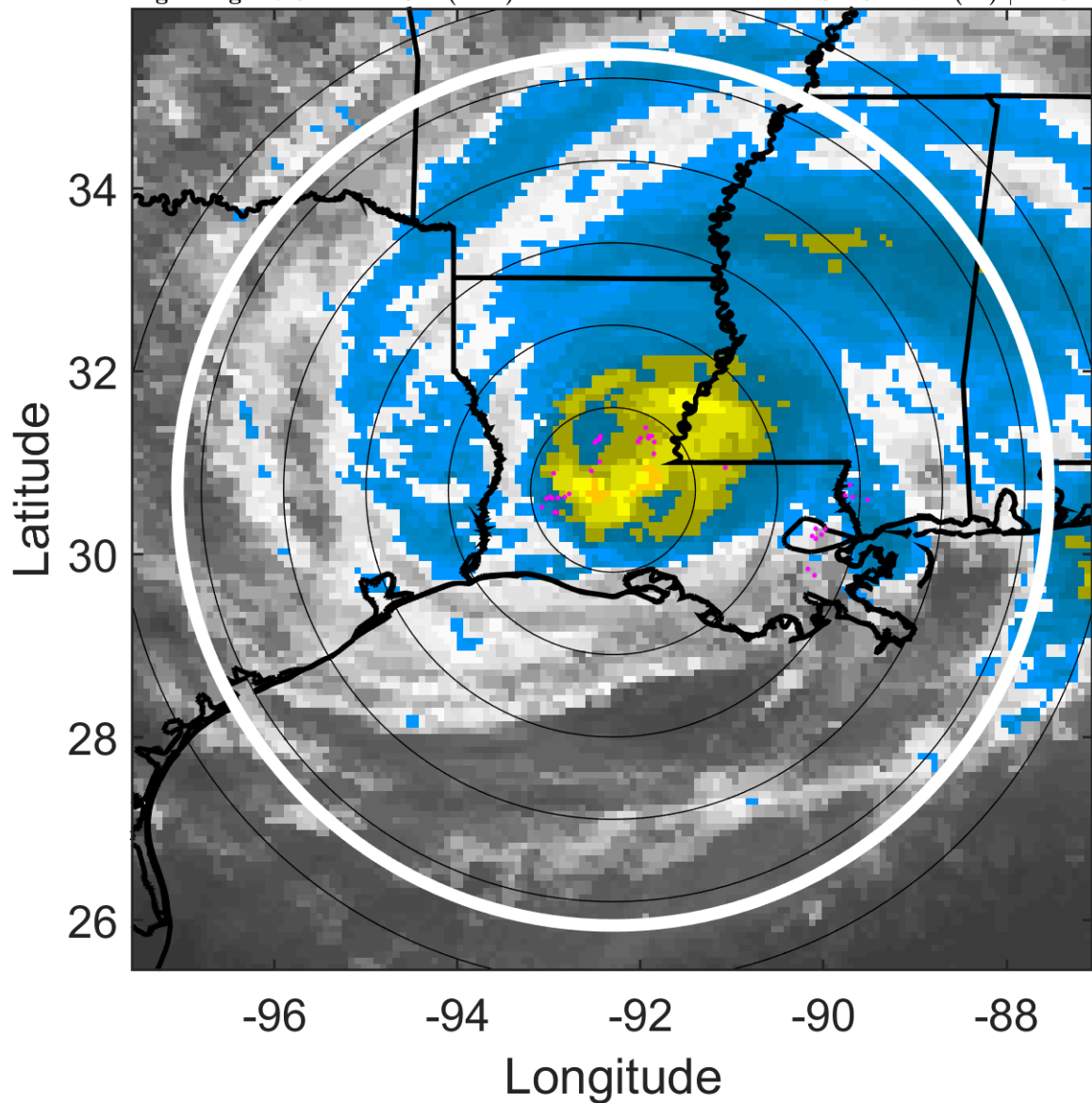
t: 2008090200 (17.8 LT)

Lightning: 17.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 60 kt TS

S: 10 m s<sup>-1</sup> (M) | H: 54°



### 6-h IR BT Differences & Lightning

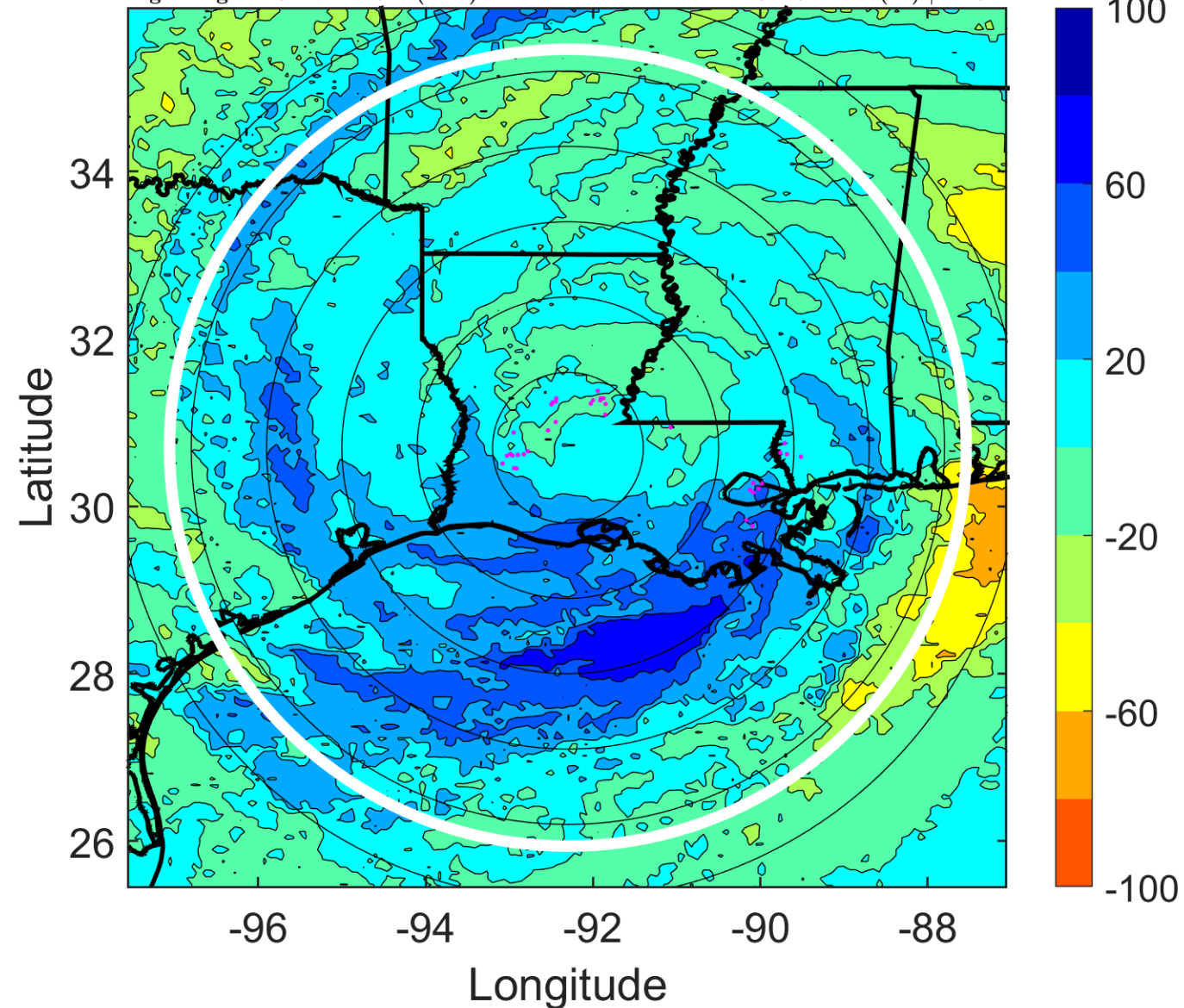
$\Delta$ t: 2008090200 (17.8 LT) - 2008090118 (11.9 LT)

Lightning: 17.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 60 kt TS

S: 10 m s<sup>-1</sup> (M) | H: 54°



### IR BT & Lightning

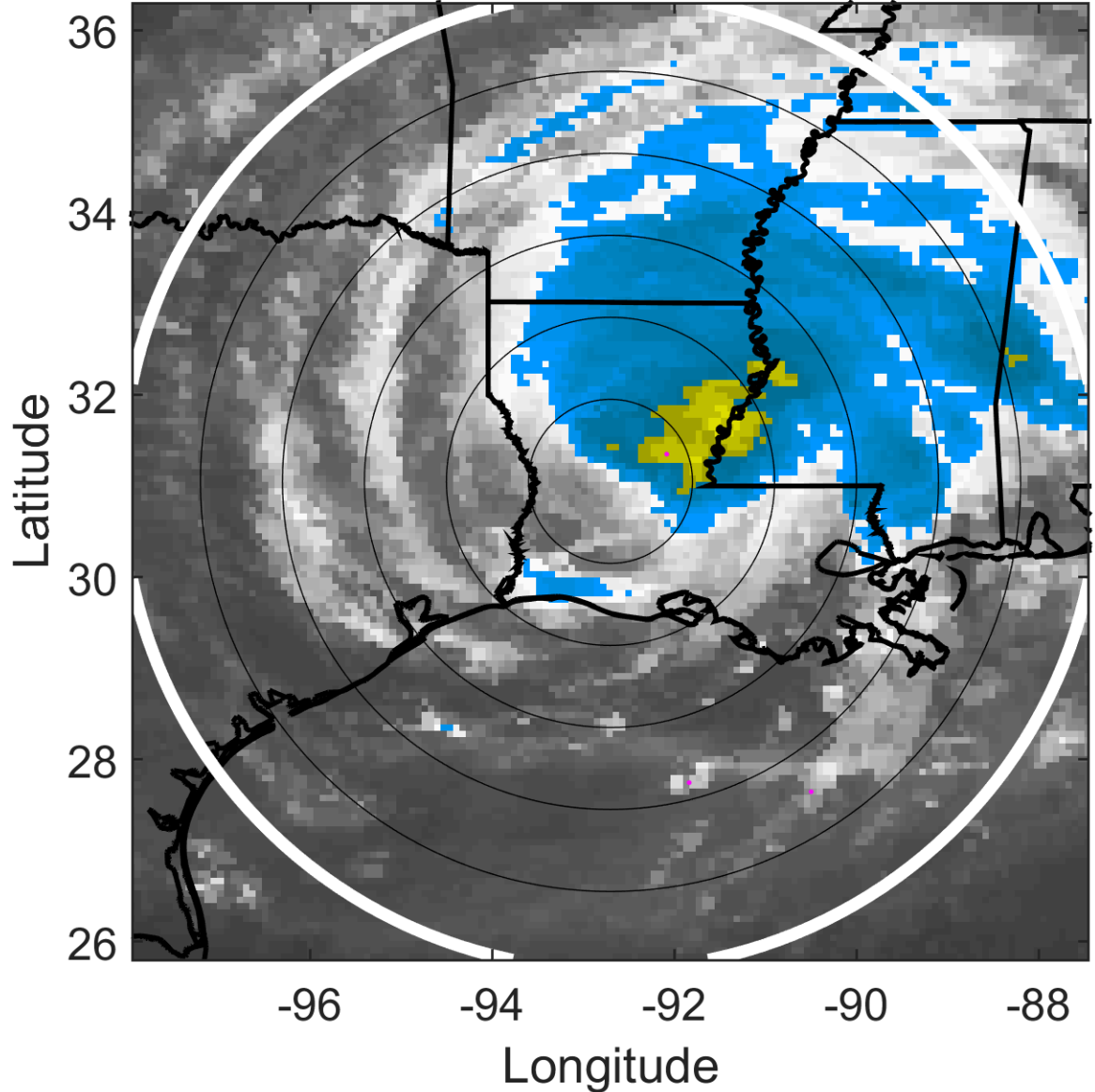
t: 2008090203 (20.8 LT)

Lightning: 20.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 50 kt TS

S: 8.4 m s<sup>-1</sup> (M) | H: 69°



### 6-h IR BT Differences & Lightning

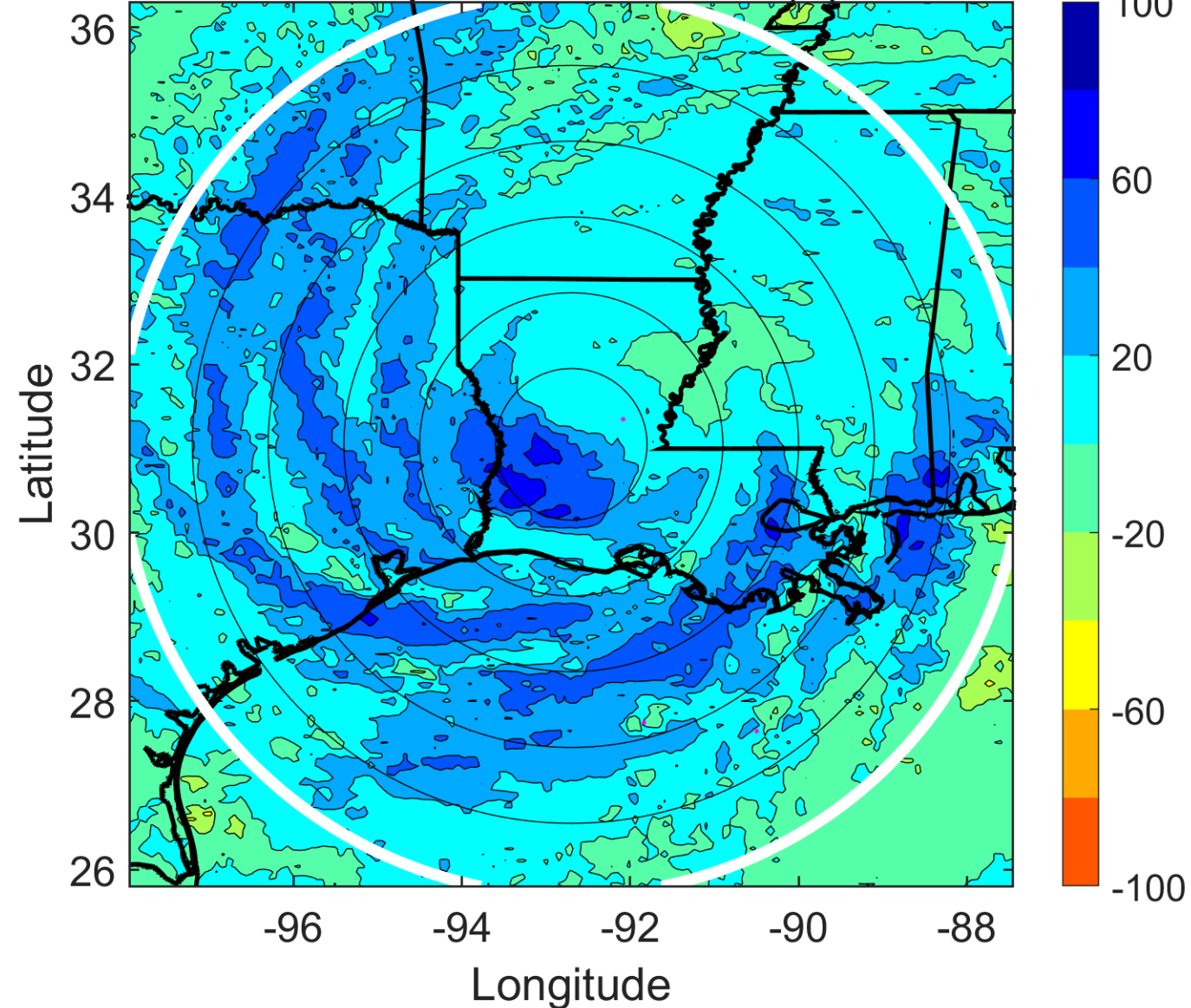
$\Delta$ t: 2008090203 (20.8 LT) - 2008090121 (14.9 LT)

Lightning: 20.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 50 kt TS

S: 8.4 m s<sup>-1</sup> (M) | H: 69°





### IR BT & Lightning

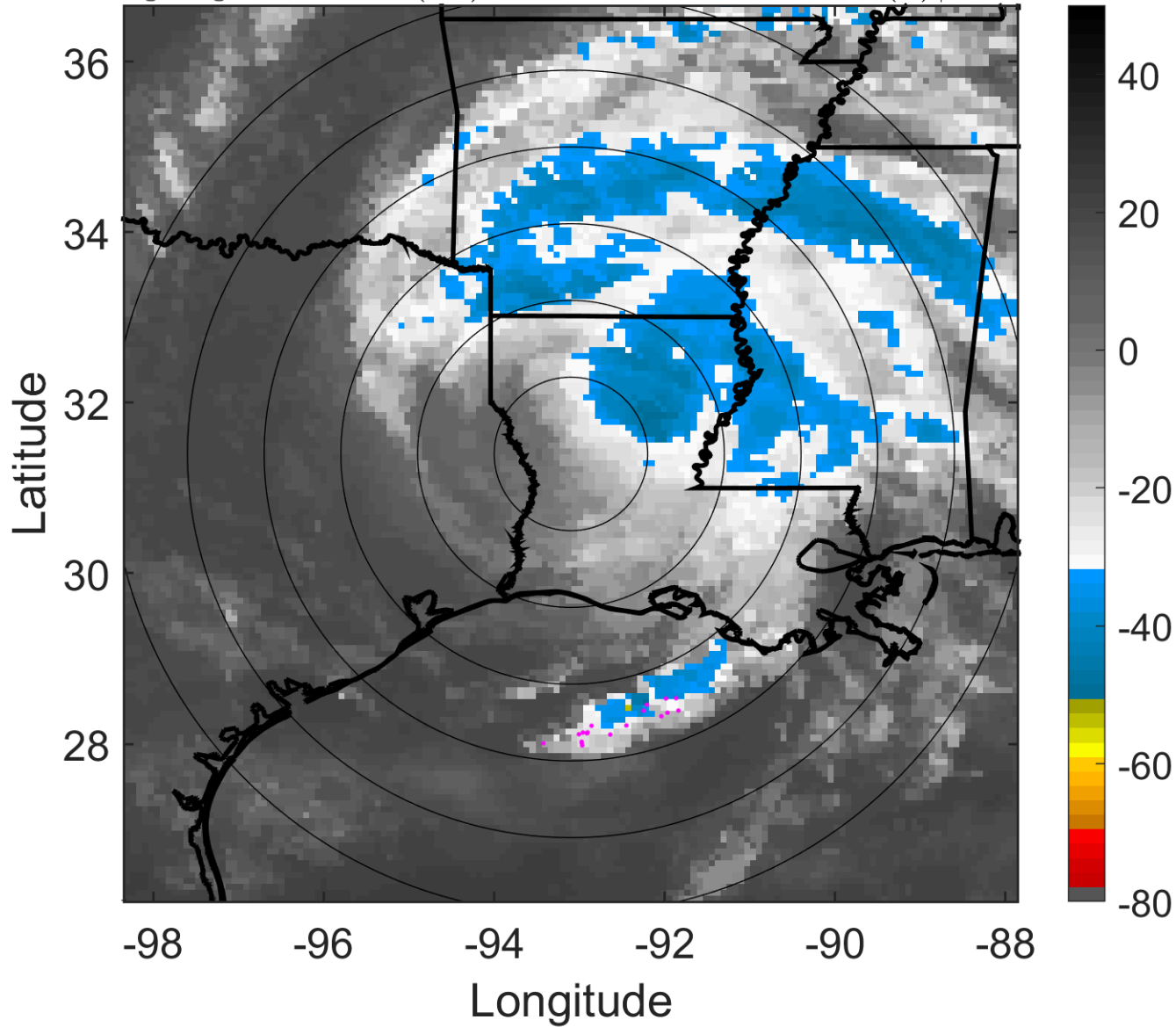
t: 2008090206 (23.8 LT)

Lightning: 23.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 40 kt TS

S: 6.8 m s<sup>-1</sup> (M) | H: 84°



### 6-h IR BT Differences & Lightning

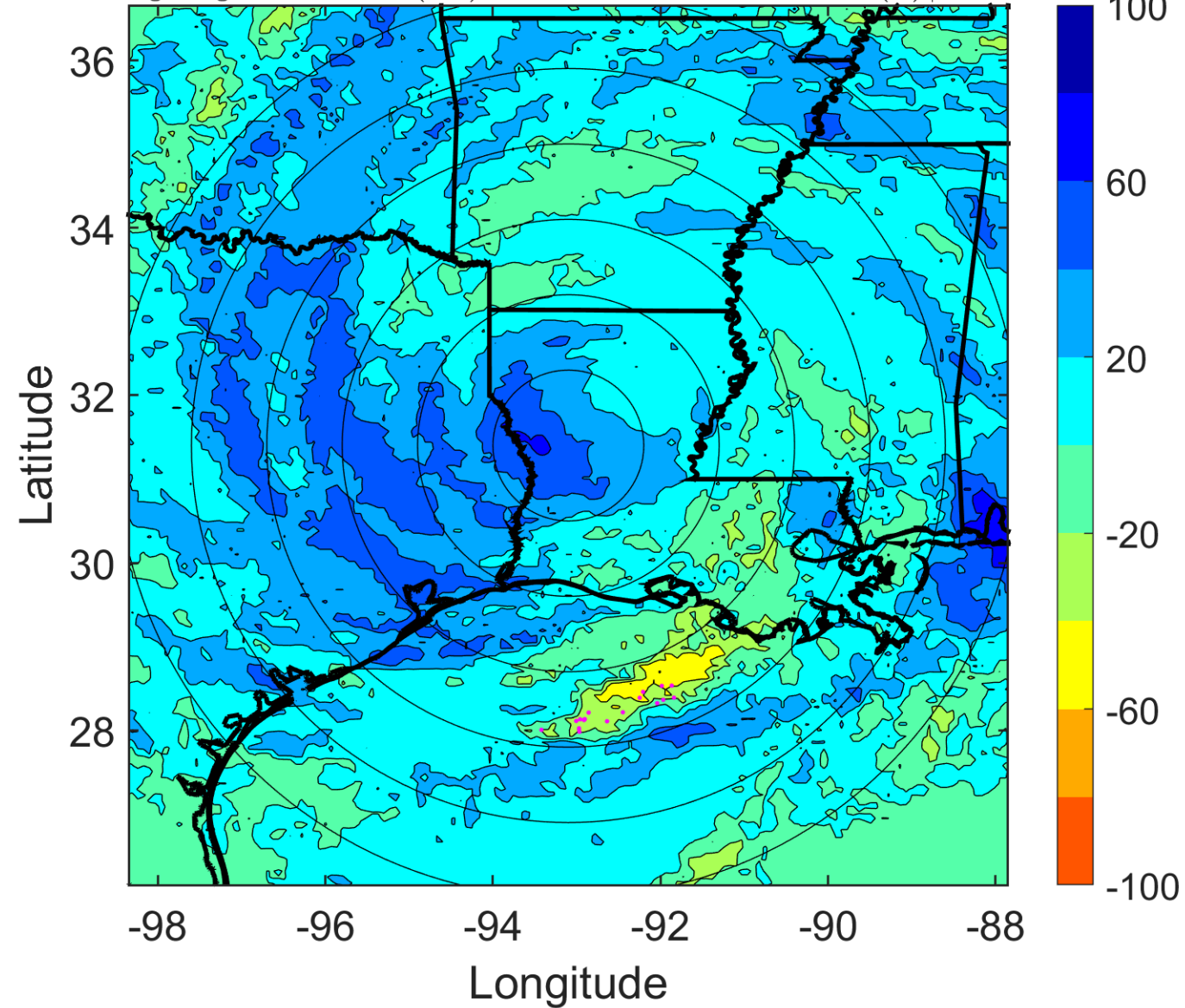
$\Delta$ t: 2008090206 (23.8 LT) - 2008090200 (17.8 LT)

Lightning: 23.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 40 kt TS

S: 6.8 m s<sup>-1</sup> (M) | H: 84°



### IR BT & Lightning

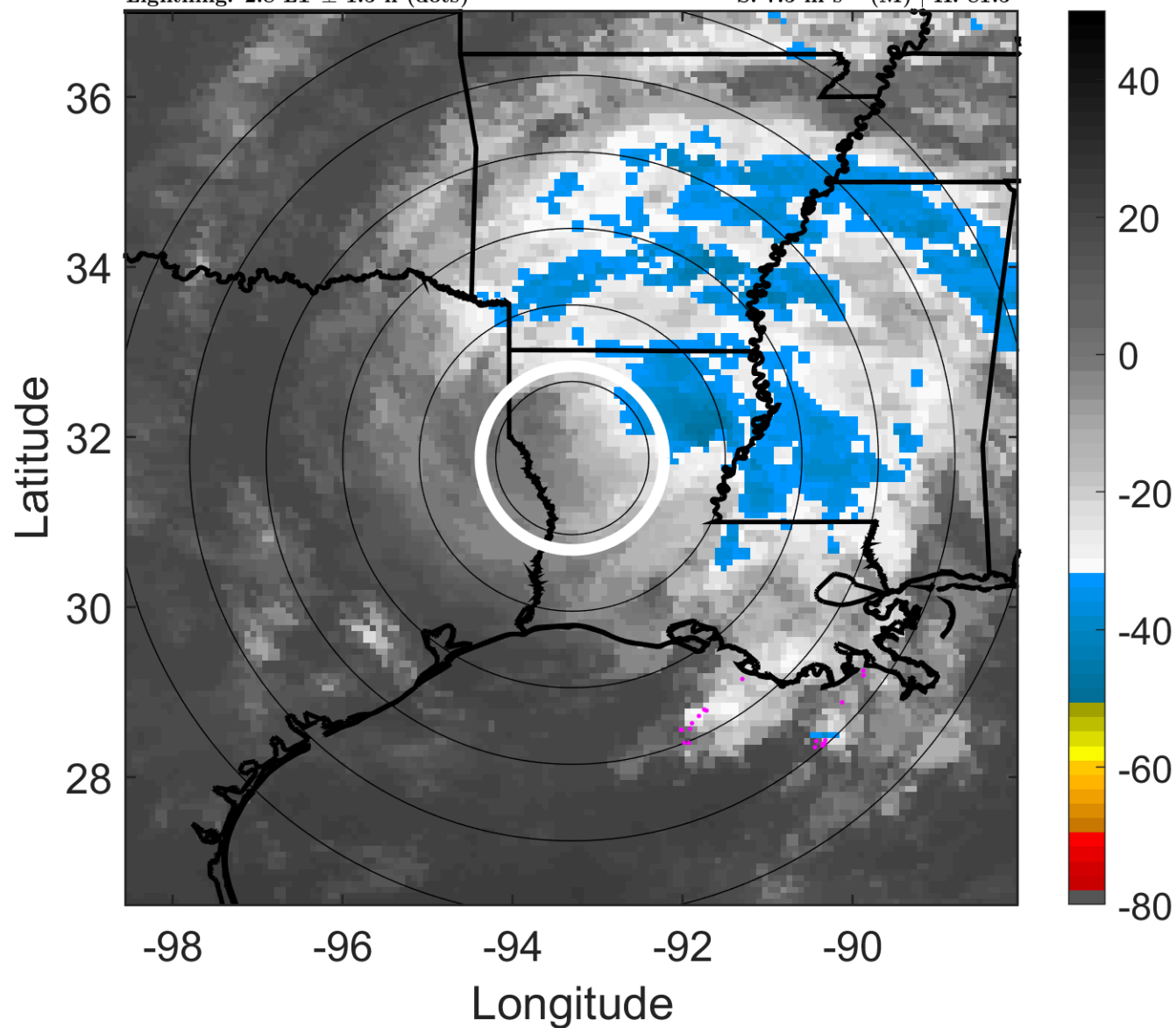
t: 2008090209 (2.8 LT)

Lightning: 2.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 35 kt TS

S: 7.5 m s<sup>-1</sup> (M) | H: 81.5°



### 6-h IR BT Differences & Lightning

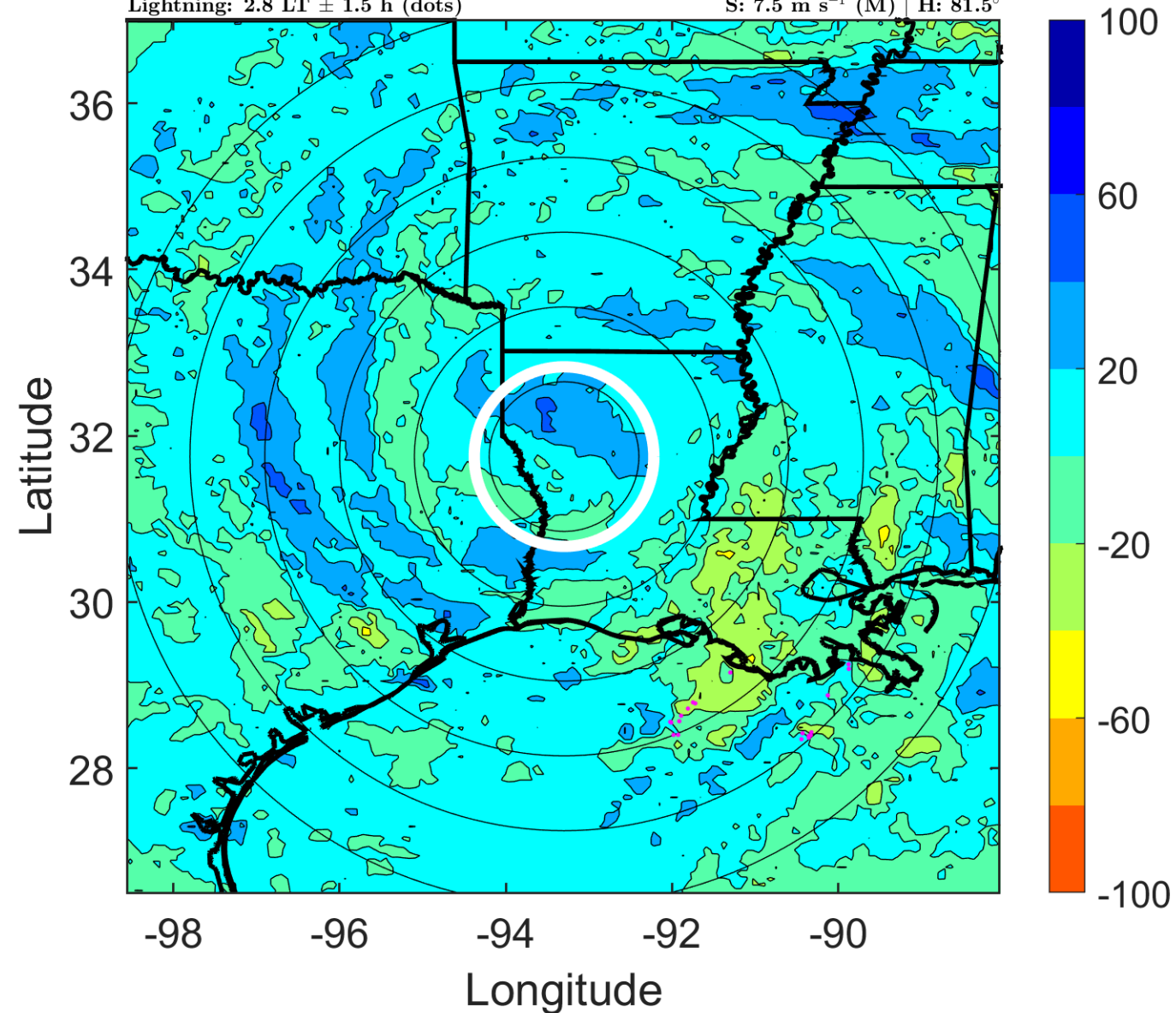
$\Delta$ t: 2008090209 (2.8 LT) - 2008090203 (20.8 LT)

Lightning: 2.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 35 kt TS

S: 7.5 m s<sup>-1</sup> (M) | H: 81.5°





### IR BT & Lightning

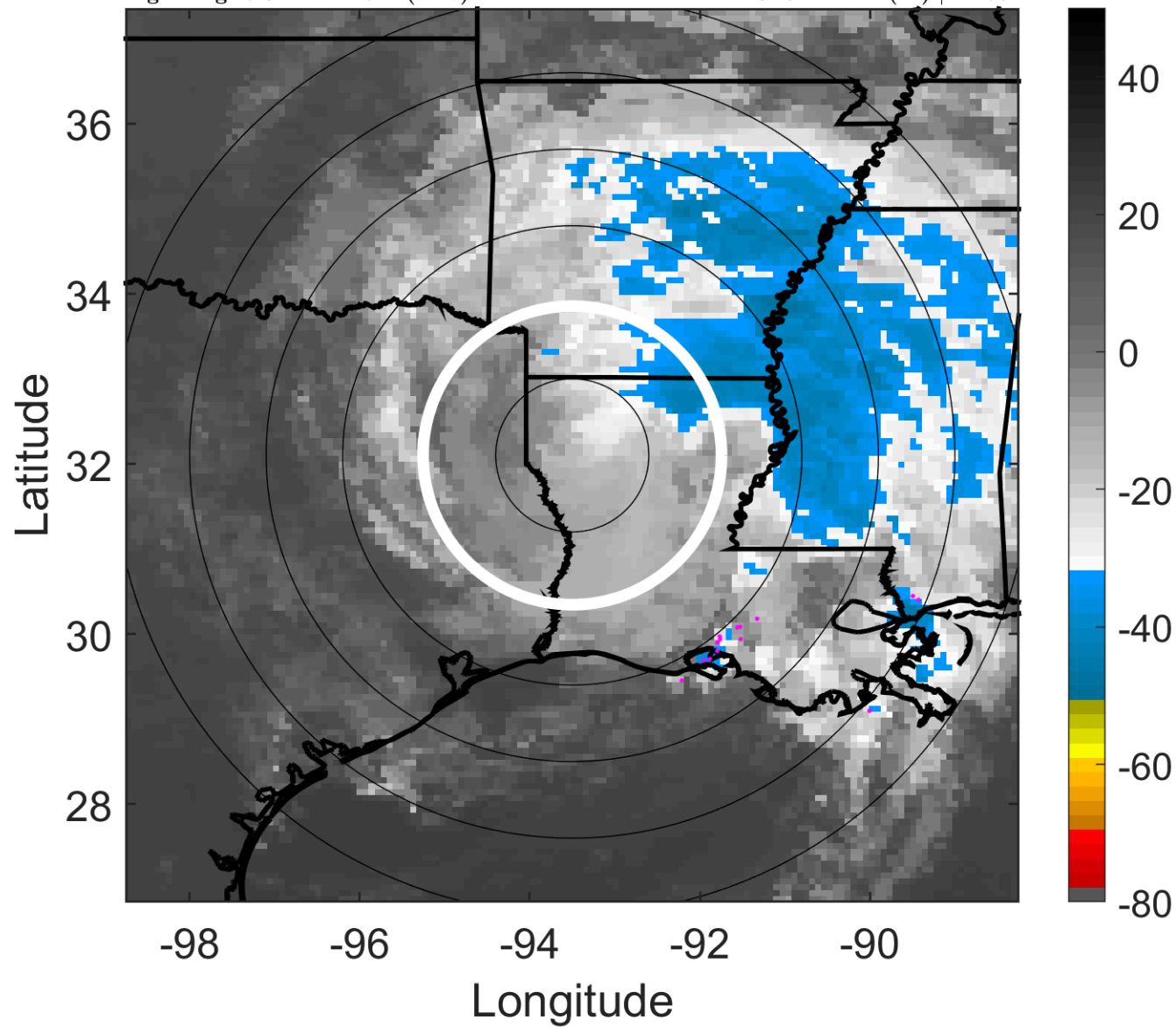
t: 2008090212 (5.8 LT)

Lightning: 5.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 30 kt TD

S: 8.2 m s<sup>-1</sup> (M) | H: 79°



### 6-h IR BT Differences & Lightning

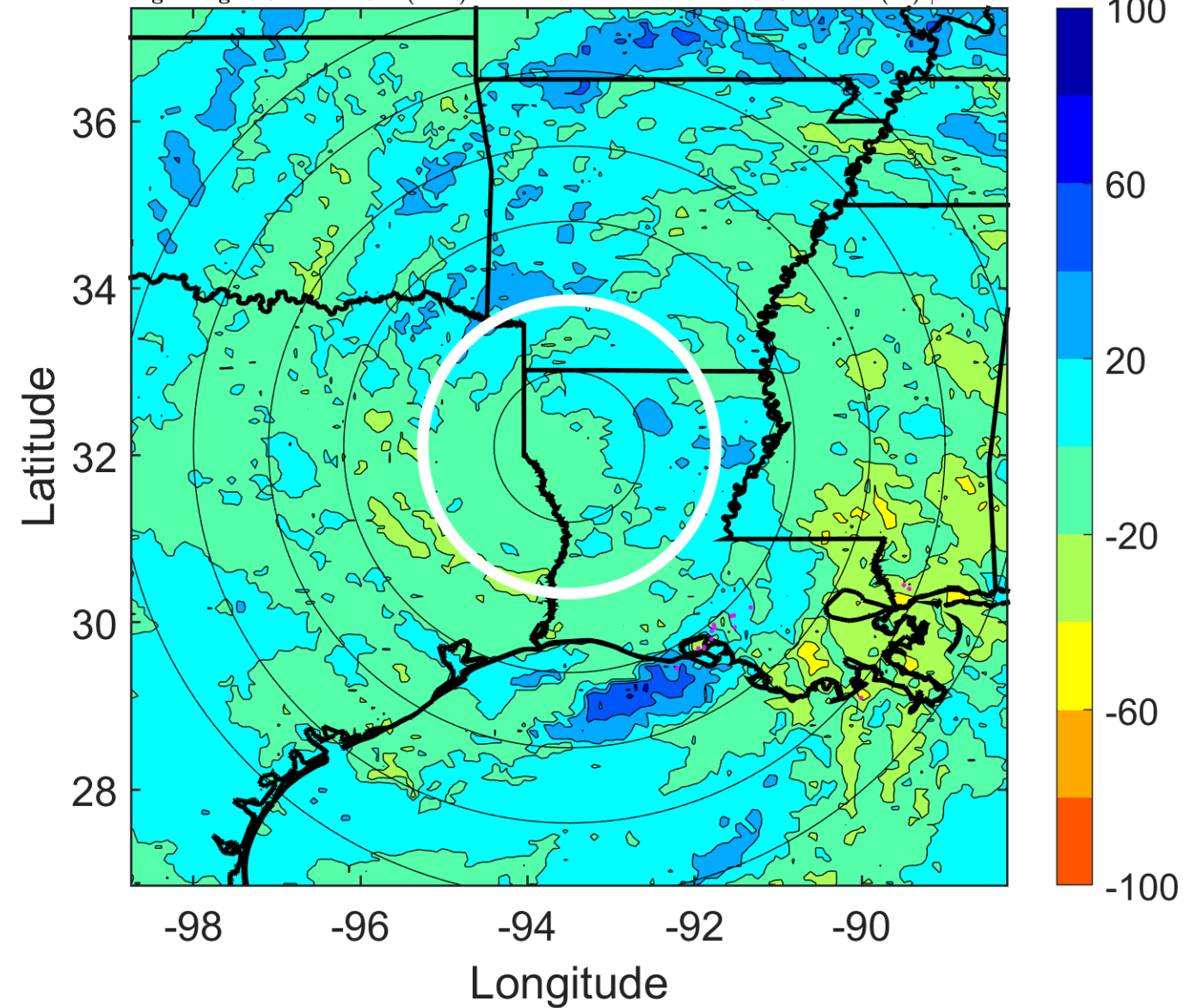
$\Delta$ t: 2008090212 (5.8 LT) - 2008090206 (23.8 LT)

Lightning: 5.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 30 kt TD

S: 8.2 m s<sup>-1</sup> (M) | H: 79°



### IR BT & Lightning

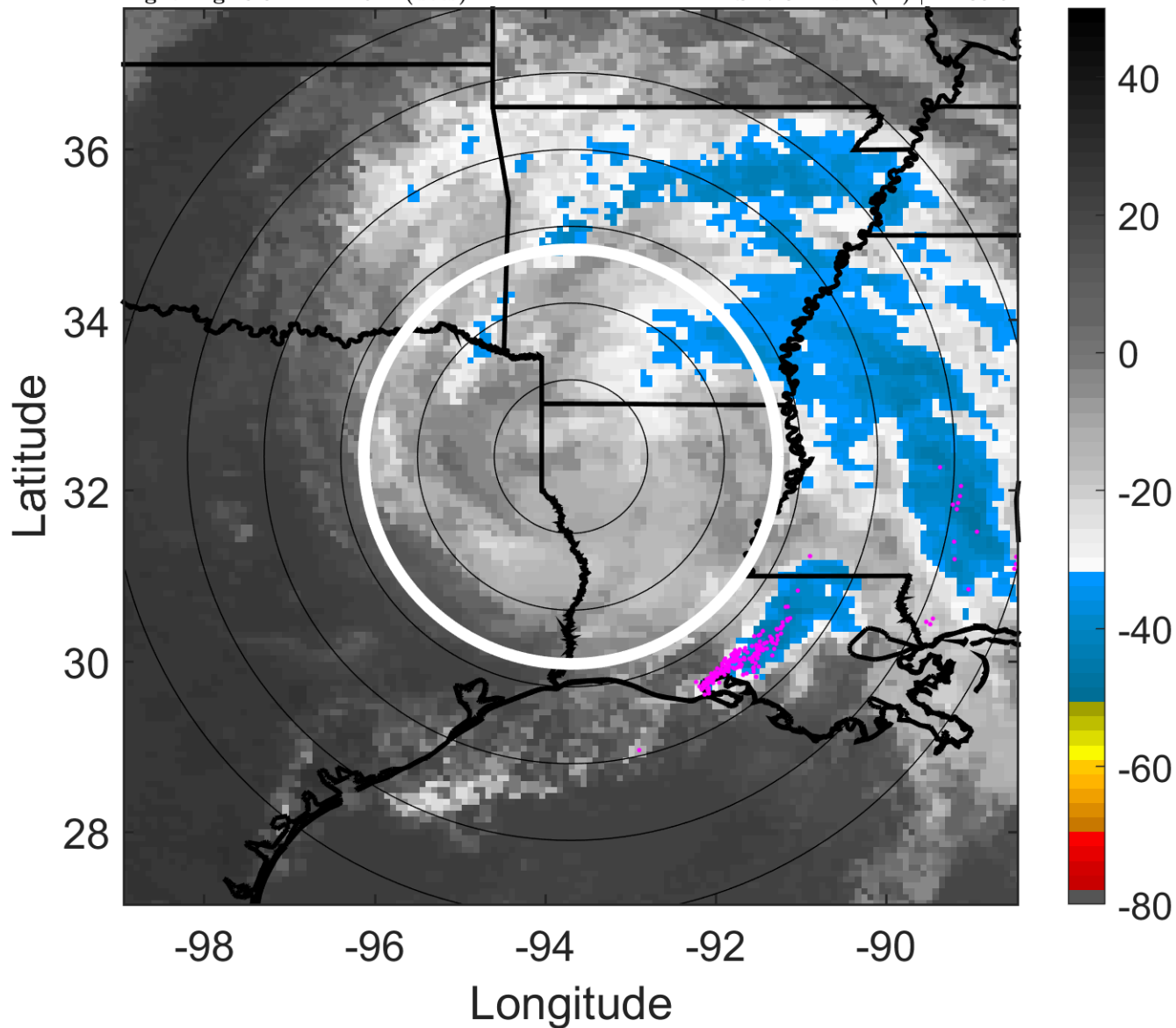
t: 2008090215 (8.8 LT)

Lightning: 8.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 25 kt TD

S: 7.3 m s<sup>-1</sup> (M) | H: 83.5°



### 6-h IR BT Differences & Lightning

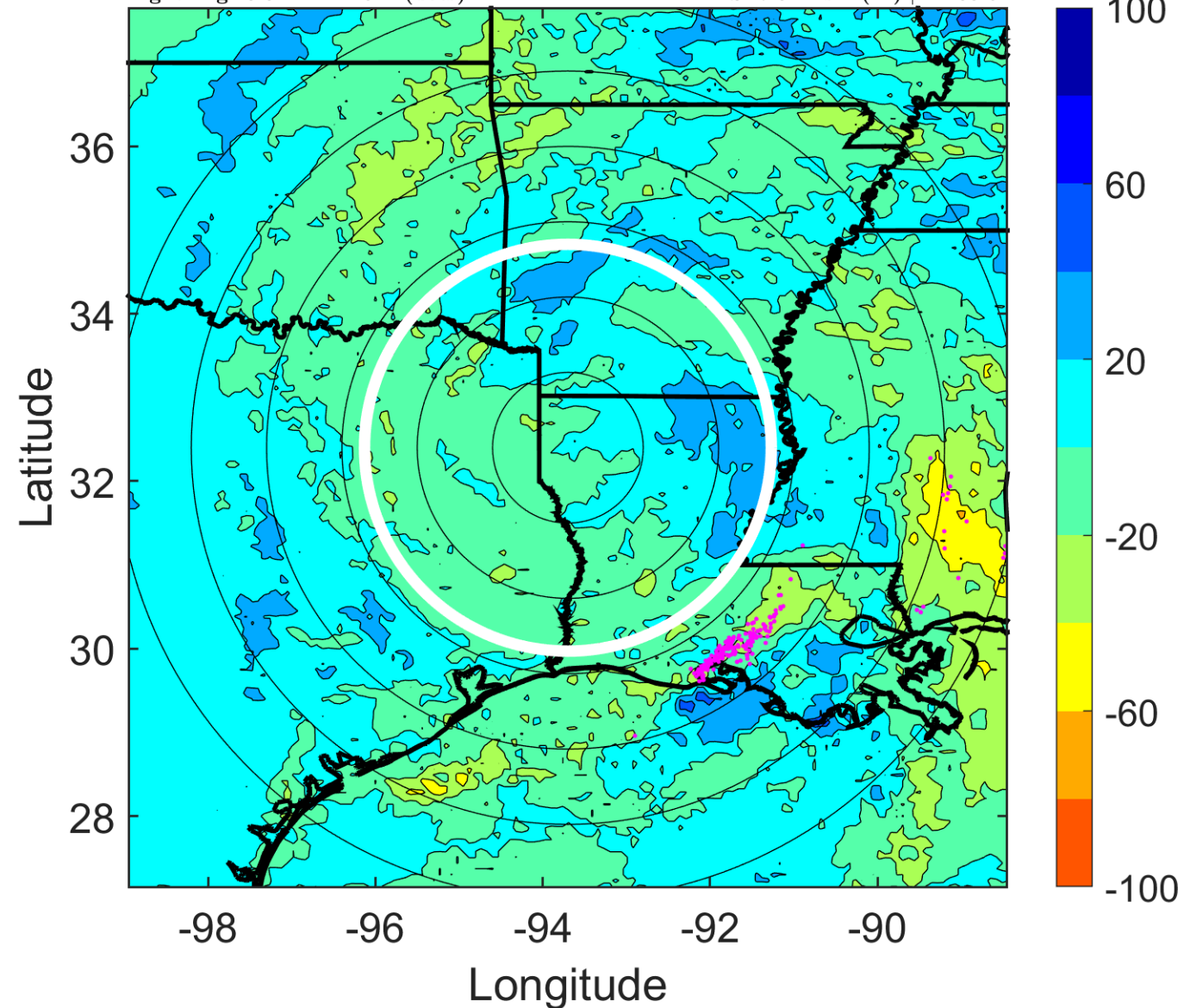
$\Delta$ t: 2008090215 (8.8 LT) - 2008090209 (2.8 LT)

Lightning: 8.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 25 kt TD

S: 7.3 m s<sup>-1</sup> (M) | H: 83.5°





### IR BT & Lightning

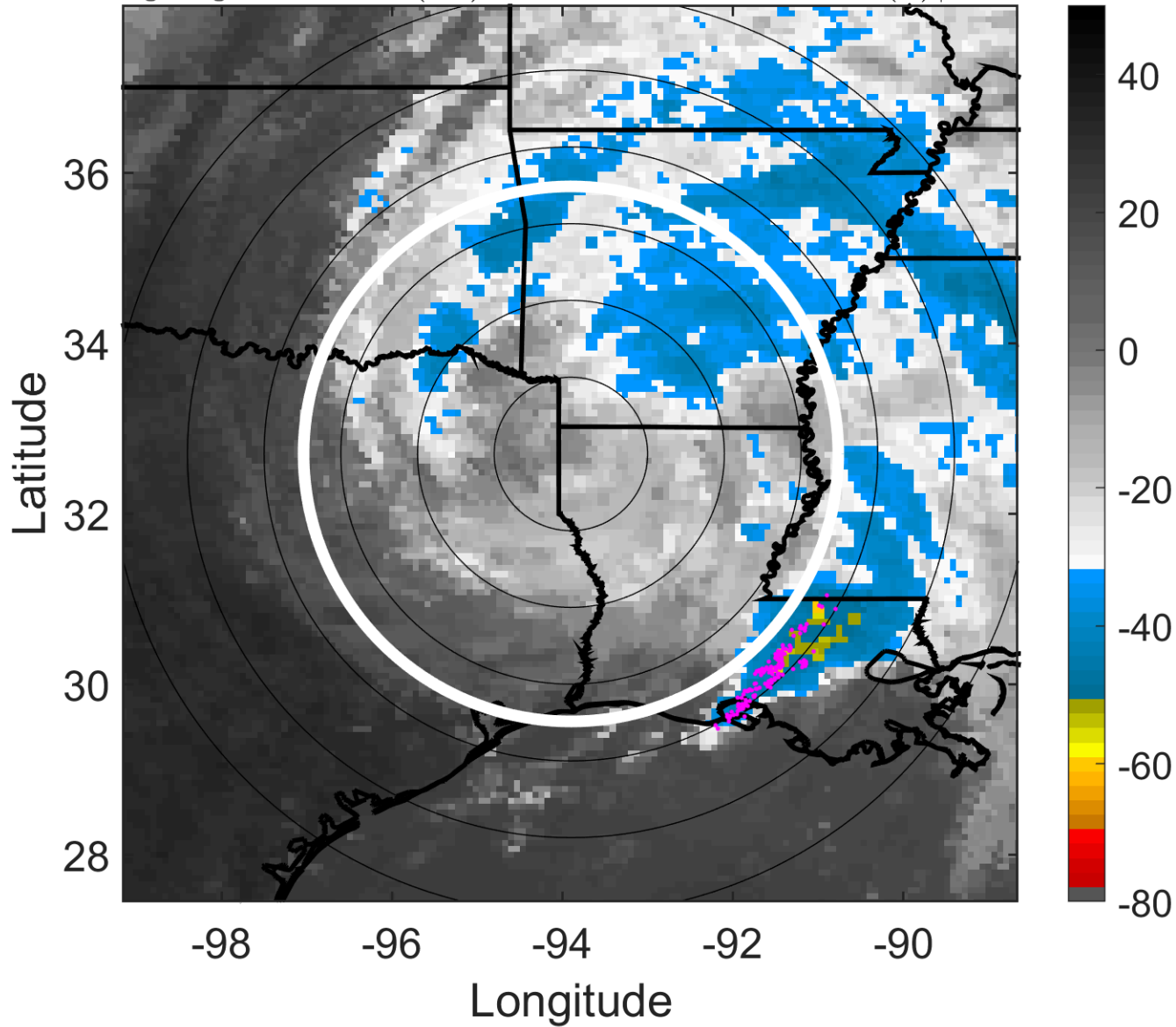
t: 2008090218 (11.7 LT)

Lightning: 11.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 6.4 m s<sup>-1</sup> (M) | H: 88°



### 6-h IR BT Differences & Lightning

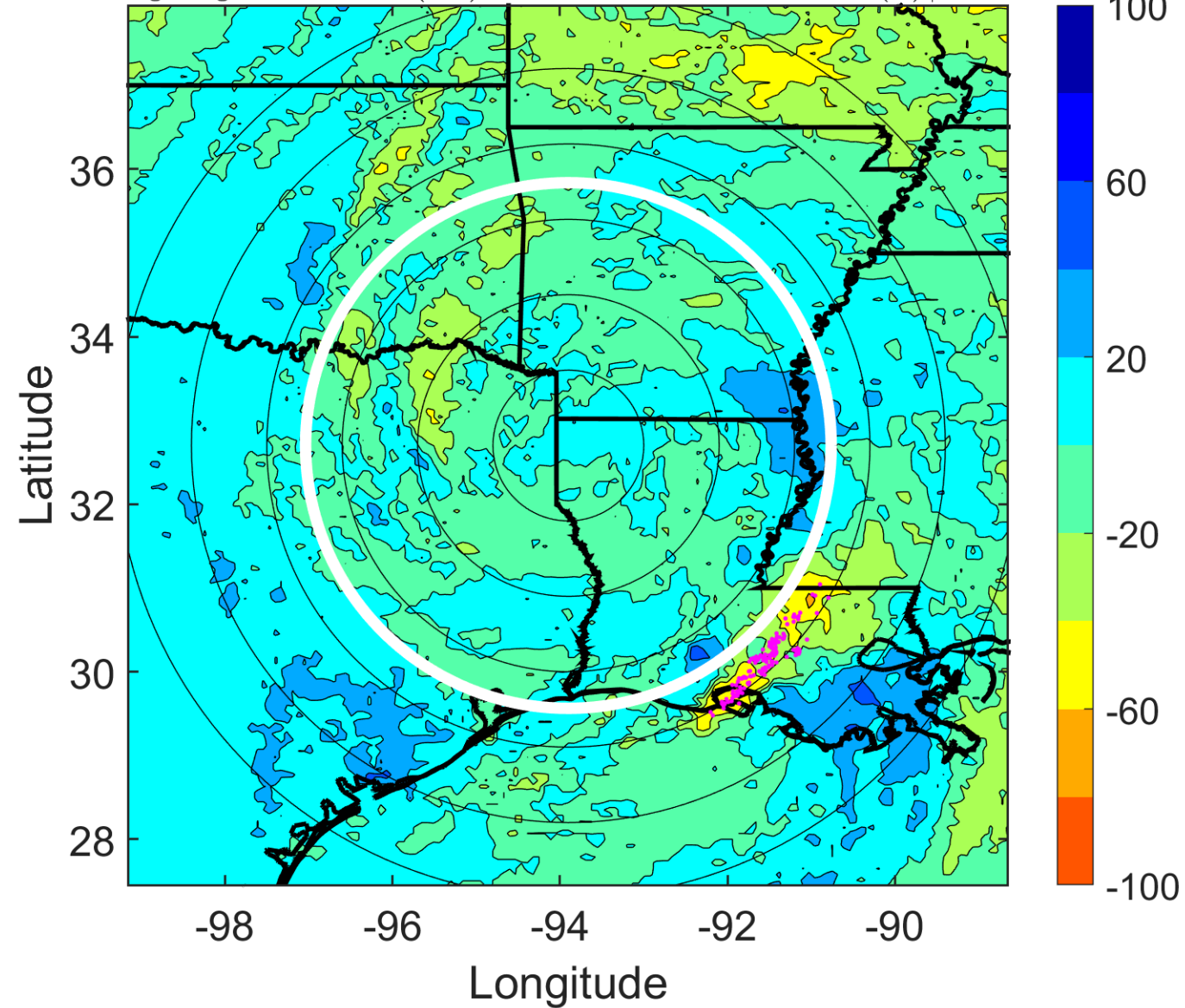
$\Delta$ t: 2008090218 (11.7 LT) - 2008090212 (5.8 LT)

Lightning: 11.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 6.4 m s<sup>-1</sup> (M) | H: 88°



### IR BT & Lightning

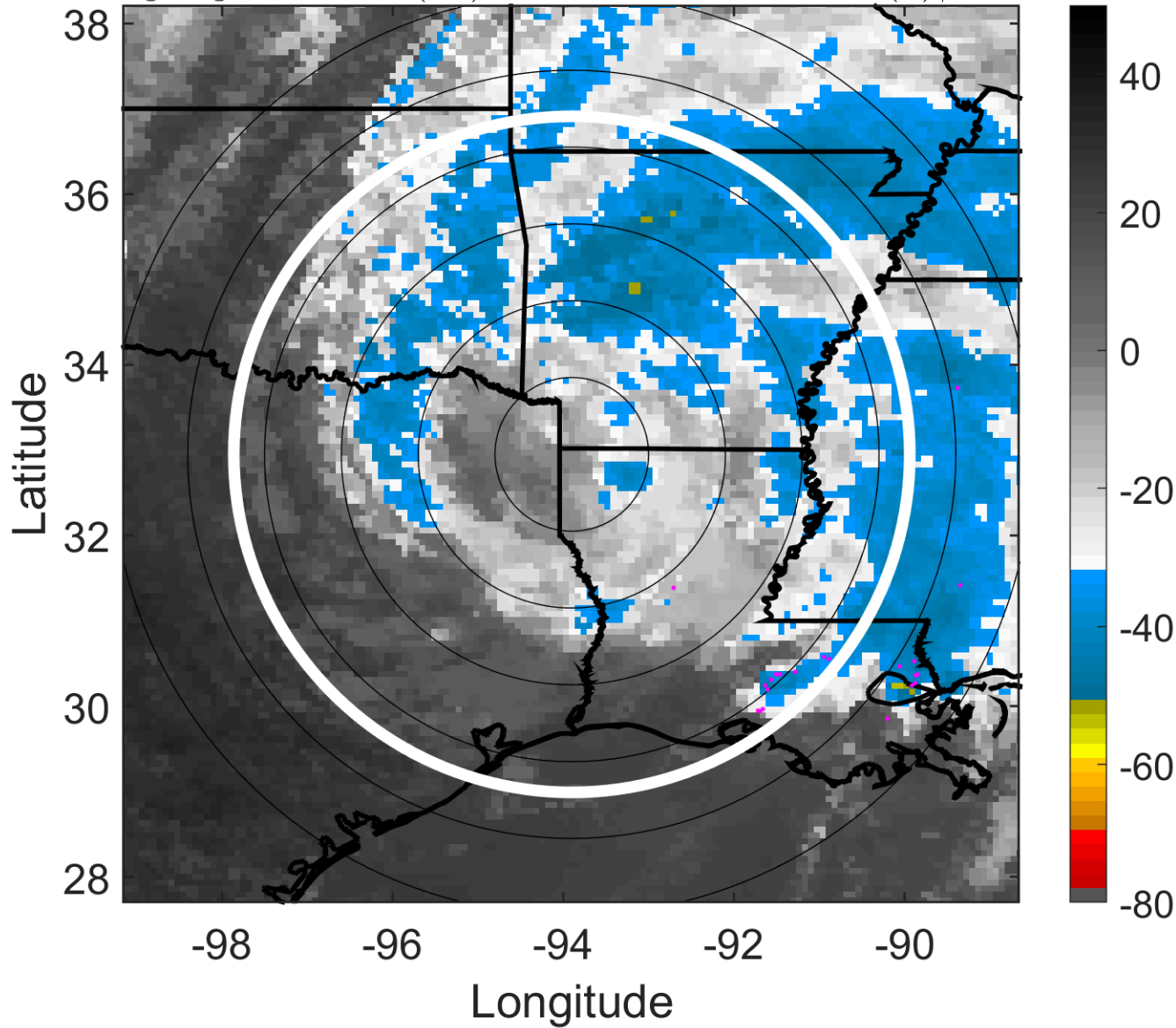
t: 2008090221 (14.7 LT)

Lightning: 14.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 7 m s<sup>-1</sup> (M) | H: 80°



### 6-h IR BT Differences & Lightning

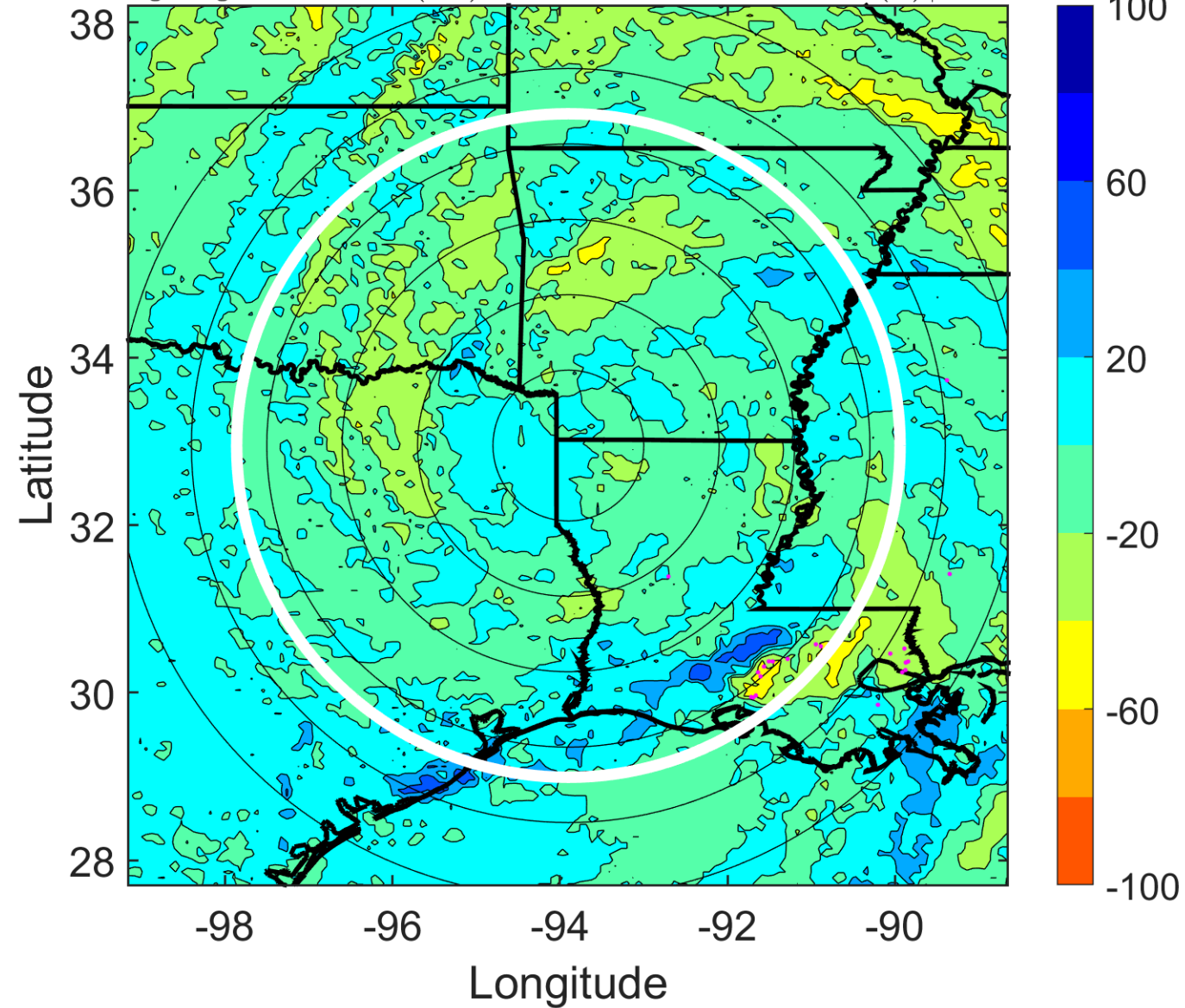
$\Delta$ t: 2008090221 (14.7 LT) - 2008090215 (8.8 LT)

Lightning: 14.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 7 m s<sup>-1</sup> (M) | H: 80°





### IR BT & Lightning

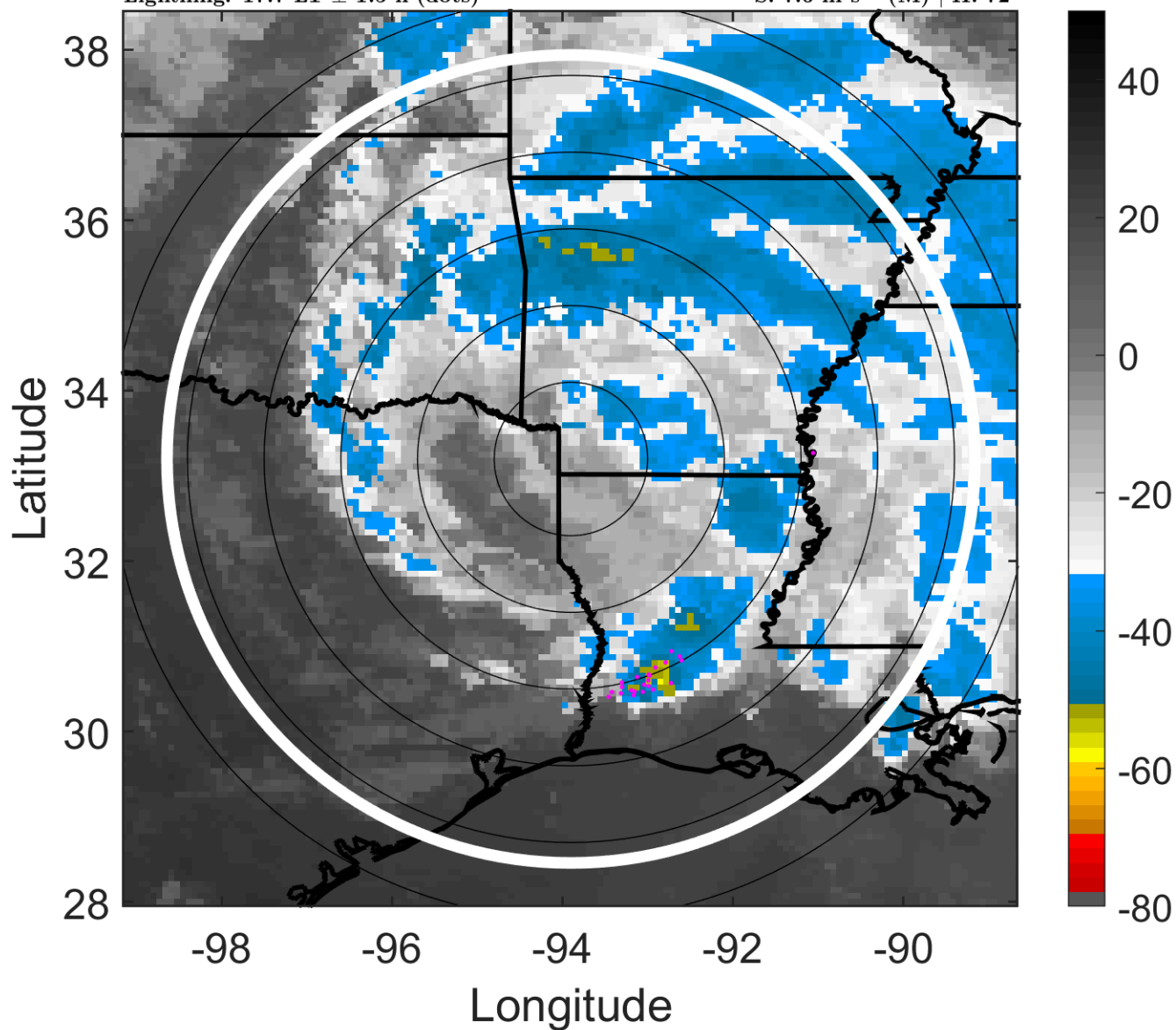
t: 2008090300 (17.7 LT)

Lightning: 17.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 7.6 m s<sup>-1</sup> (M) | H: 72°



### 6-h IR BT Differences & Lightning

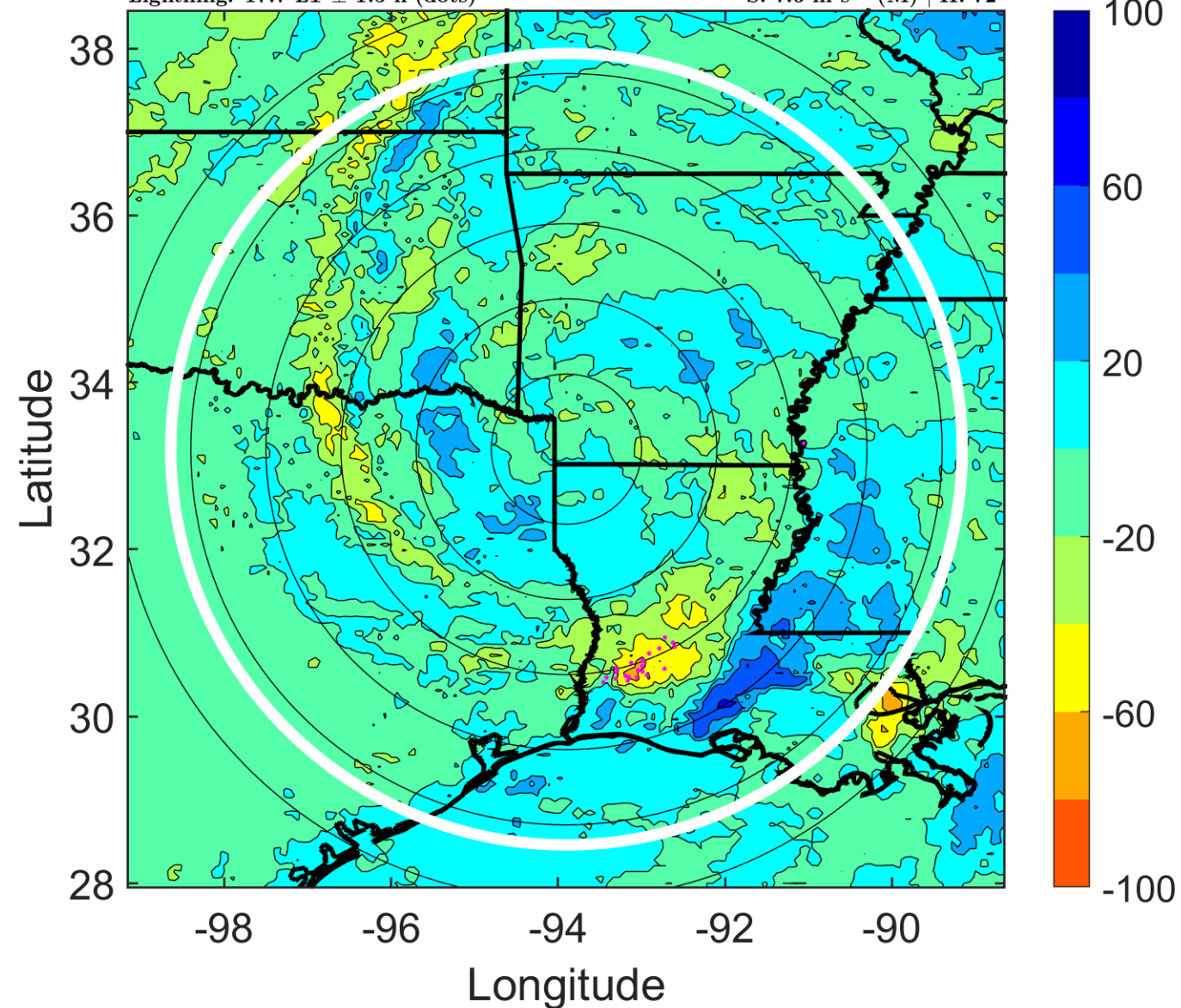
$\Delta$ t: 2008090300 (17.7 LT) - 2008090218 (11.7 LT)

Lightning: 17.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 7.6 m s<sup>-1</sup> (M) | H: 72°



### IR BT & Lightning

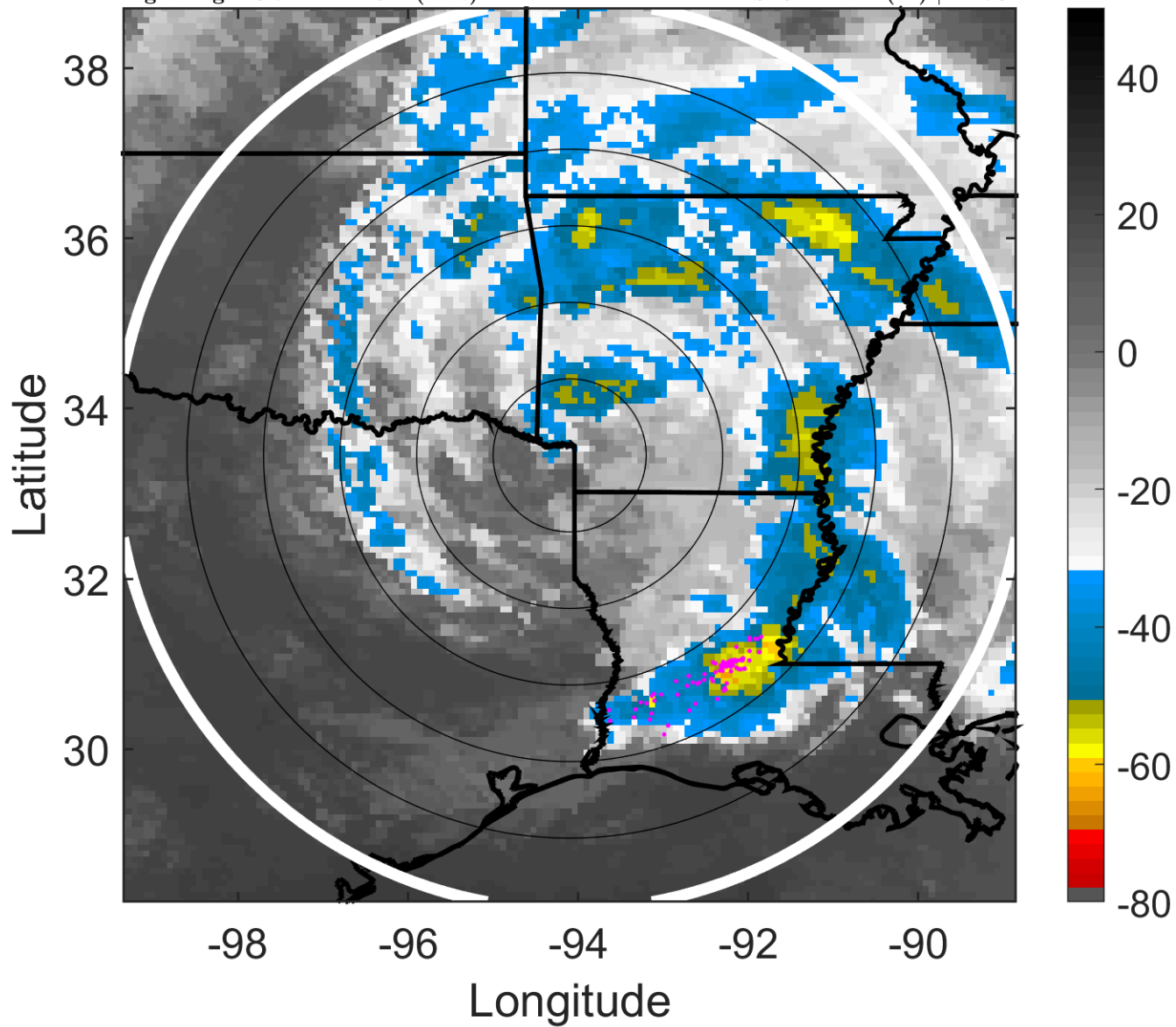
t: 2008090303 (20.7 LT)

Lightning: 20.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 8.1 m s<sup>-1</sup> (M) | H: 70°



### 6-h IR BT Differences & Lightning

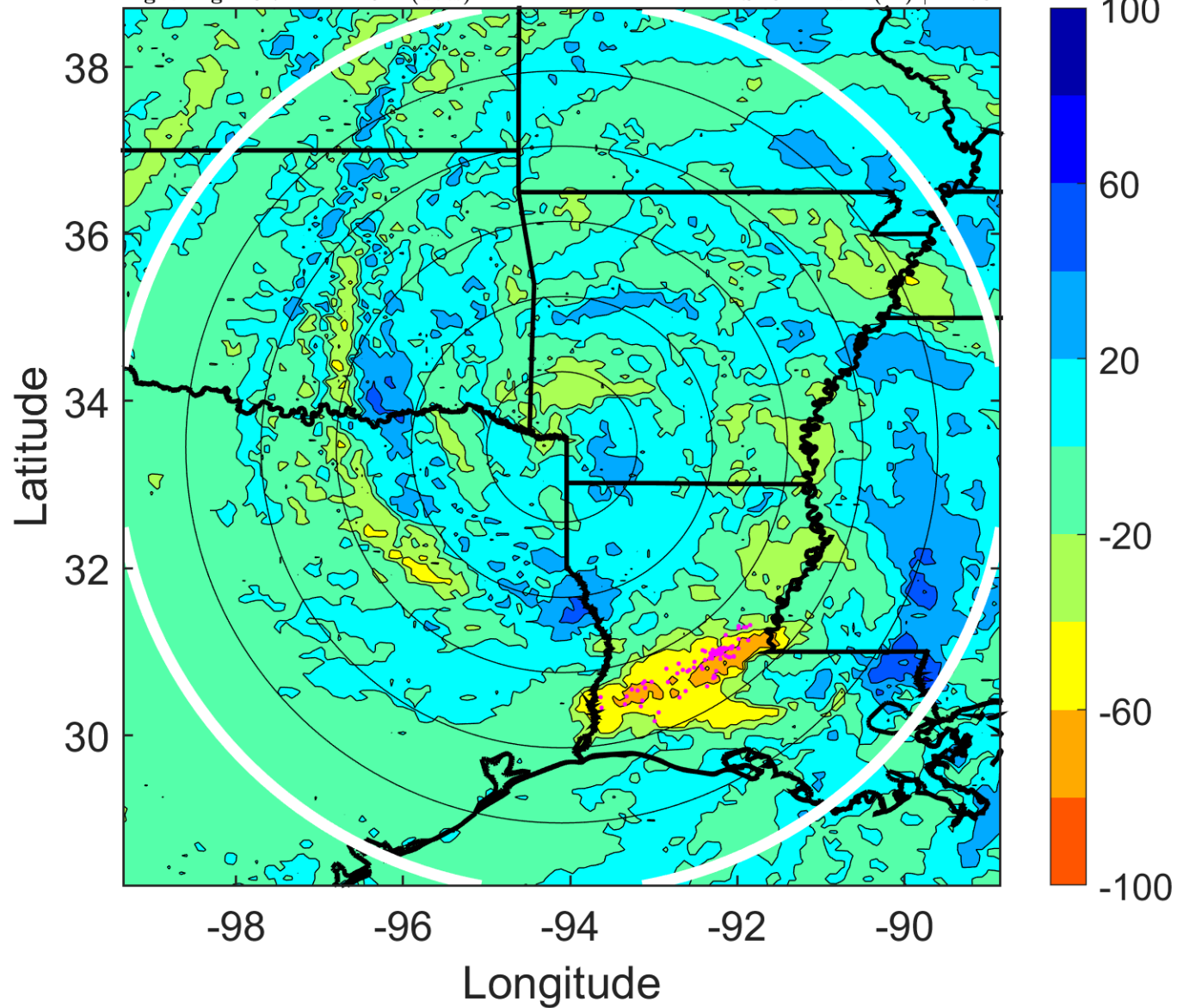
$\Delta$ t: 2008090303 (20.7 LT) - 2008090221 (14.7 LT)

Lightning: 20.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 8.1 m s<sup>-1</sup> (M) | H: 70°





### IR BT & Lightning

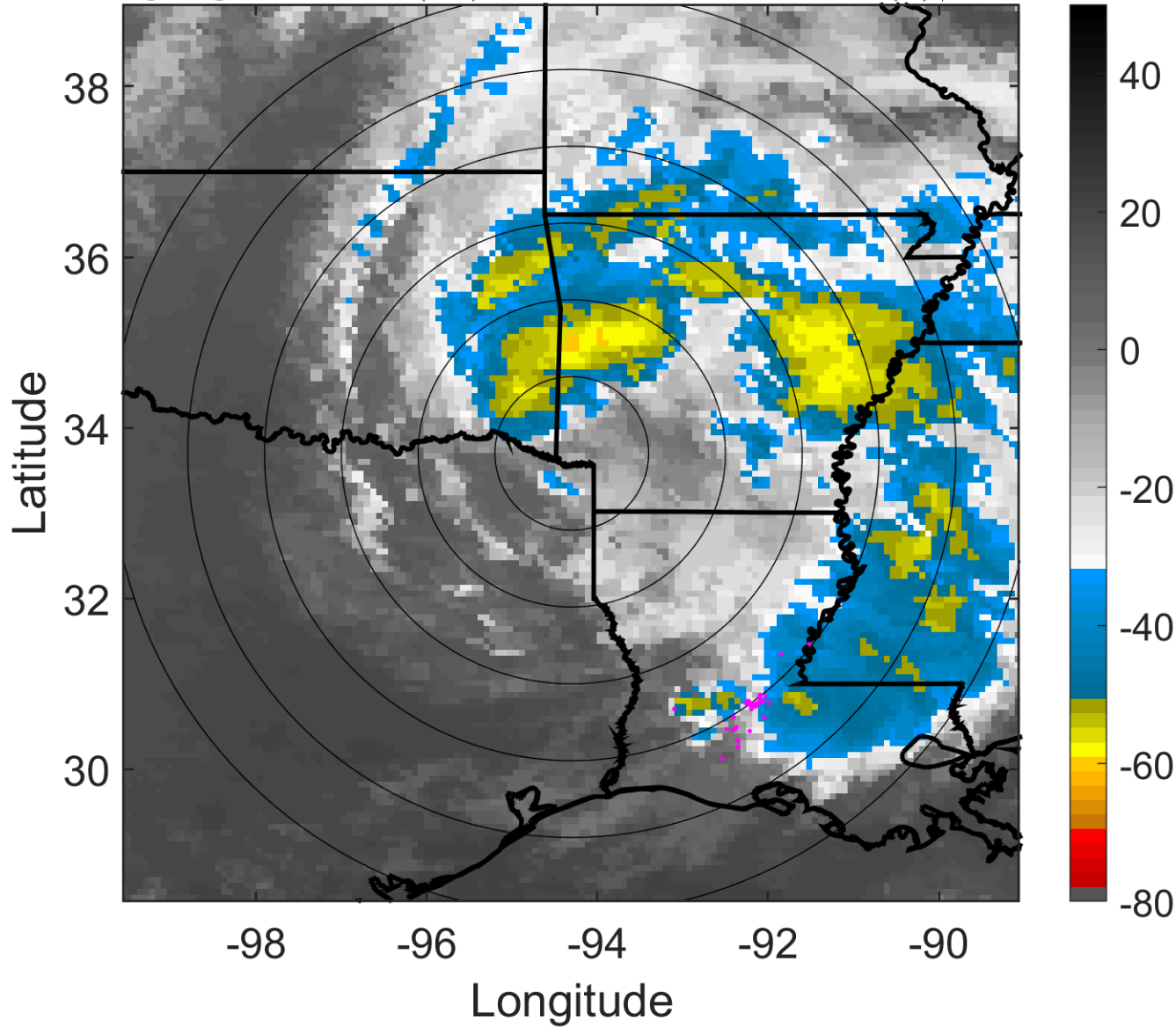
t: 2008090306 (23.7 LT)

Lightning: 23.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 8.7 m s<sup>-1</sup> (M) | H: 68°



### 6-h IR BT Differences & Lightning

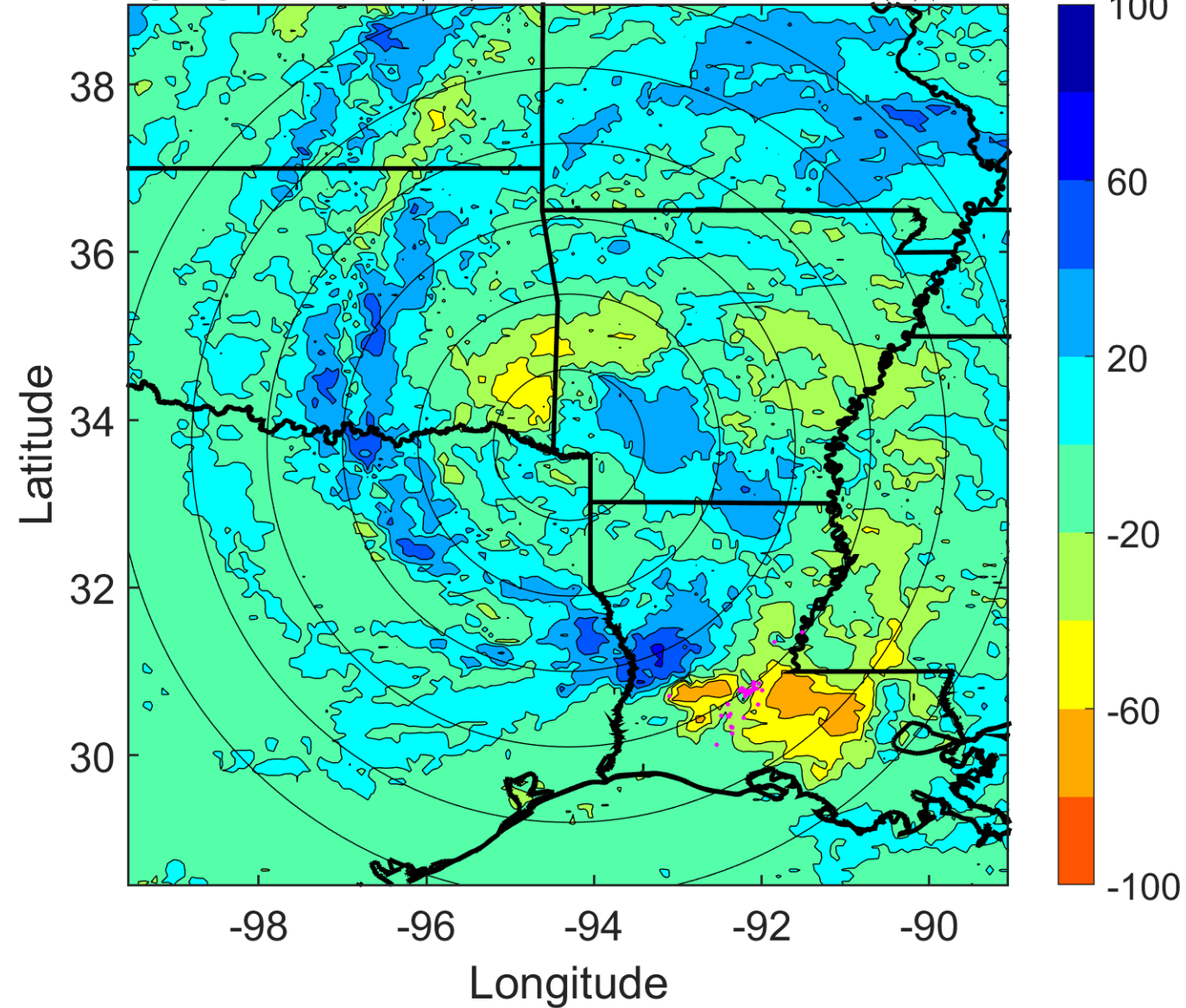
$\Delta$ t: 2008090306 (23.7 LT) - 2008090300 (17.7 LT)

Lightning: 23.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 8.7 m s<sup>-1</sup> (M) | H: 68°



### IR BT & Lightning

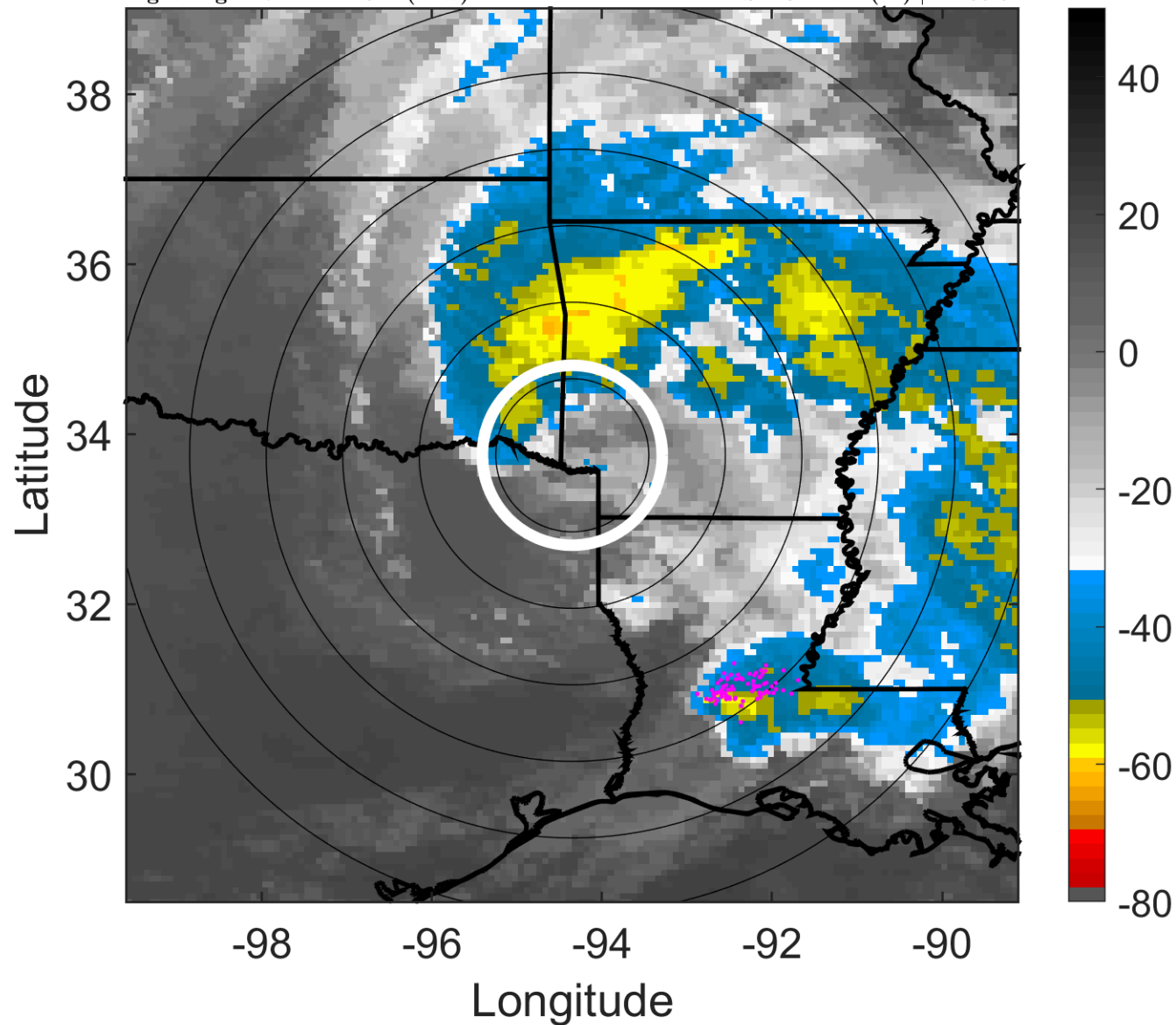
t: 2008090309 (2.7 LT)

Lightning: 2.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 10 m s<sup>-1</sup> (M) | H: 66.5°



### 6-h IR BT Differences & Lightning

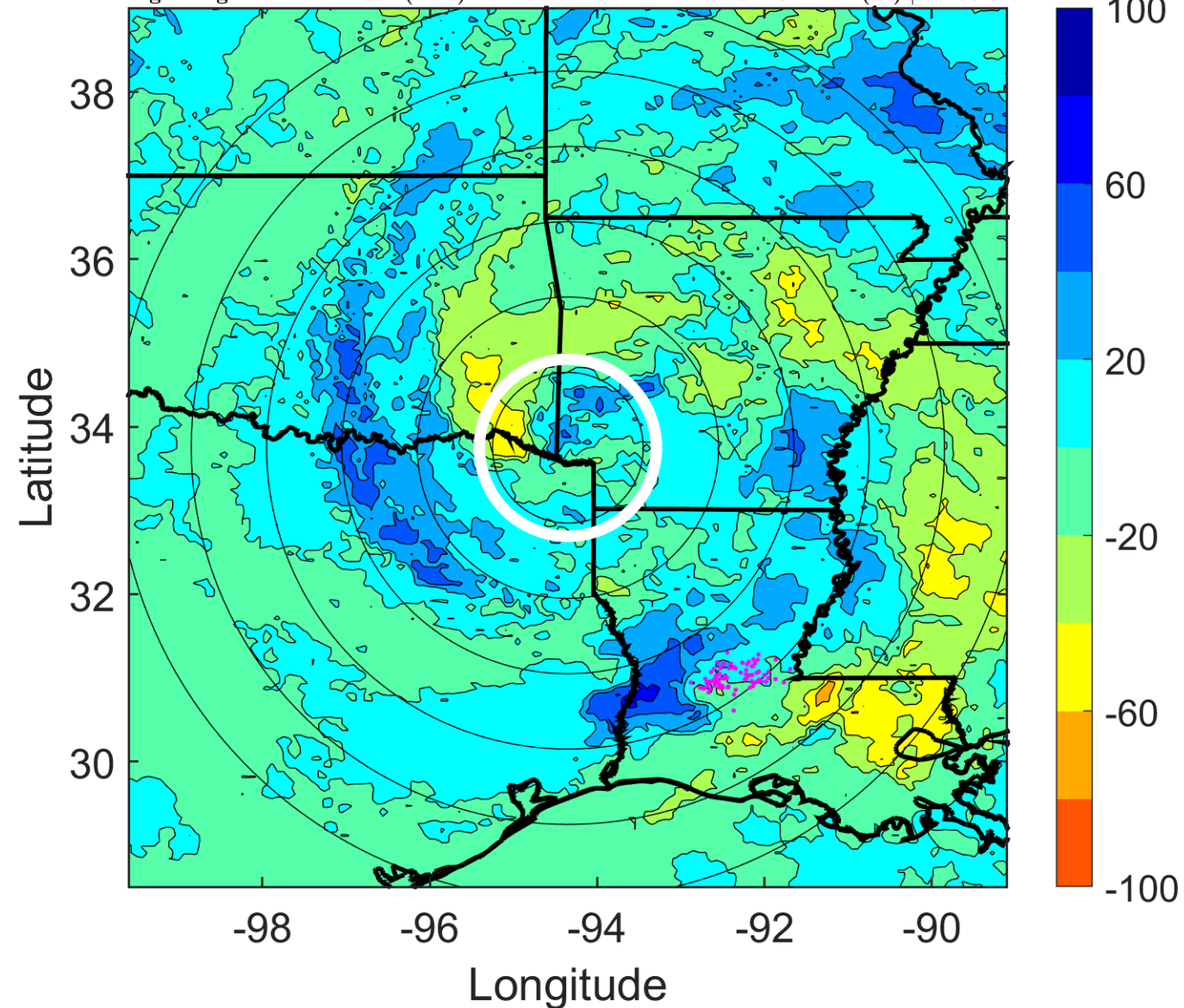
$\Delta$ t: 2008090309 (2.7 LT) - 2008090303 (20.7 LT)

Lightning: 2.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 10 m s<sup>-1</sup> (M) | H: 66.5°





### IR BT & Lightning

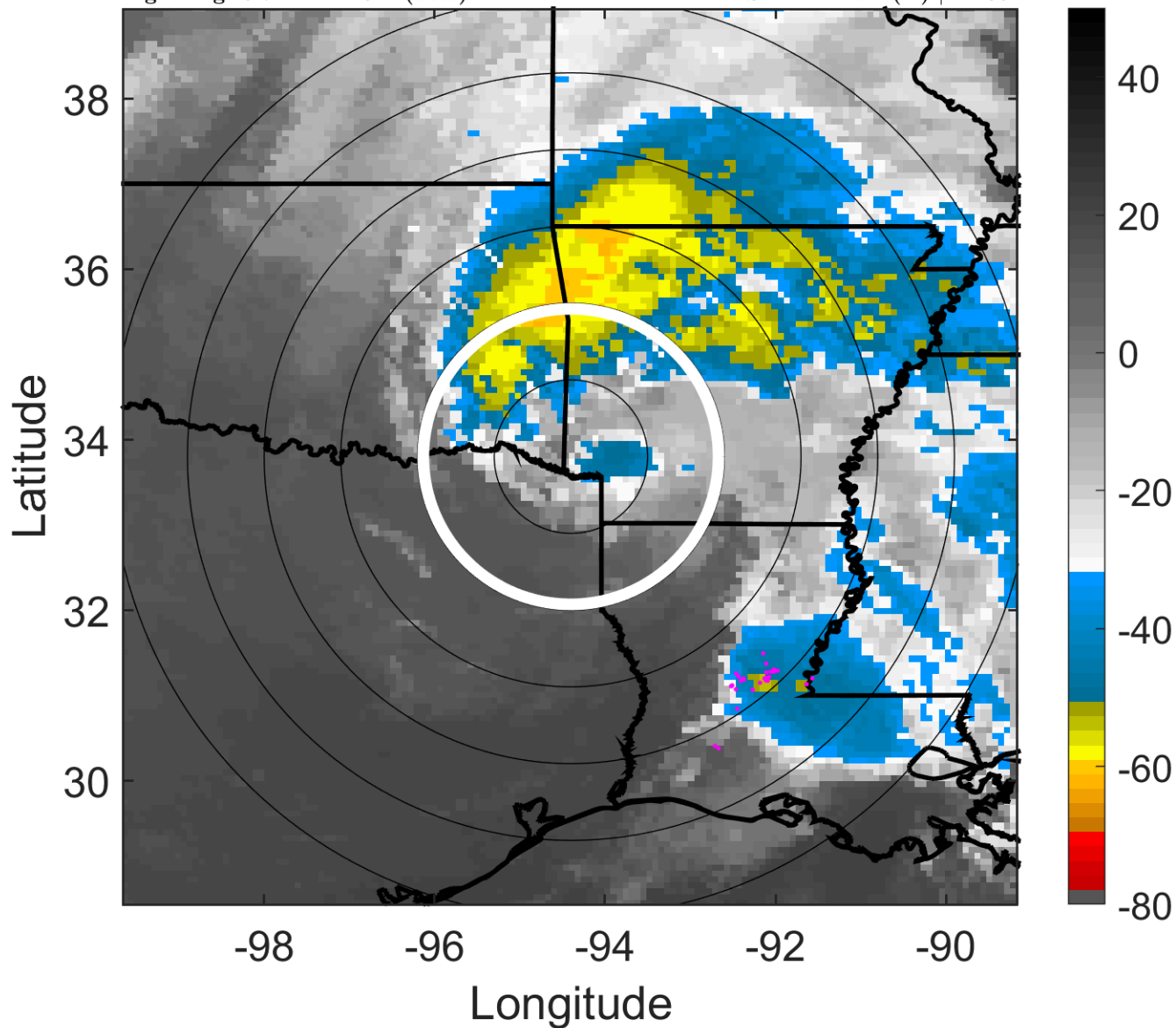
t: 2008090312 (5.7 LT)

Lightning: 5.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 11.2 m s<sup>-1</sup> (H) | H: 65°



### 6-h IR BT Differences & Lightning

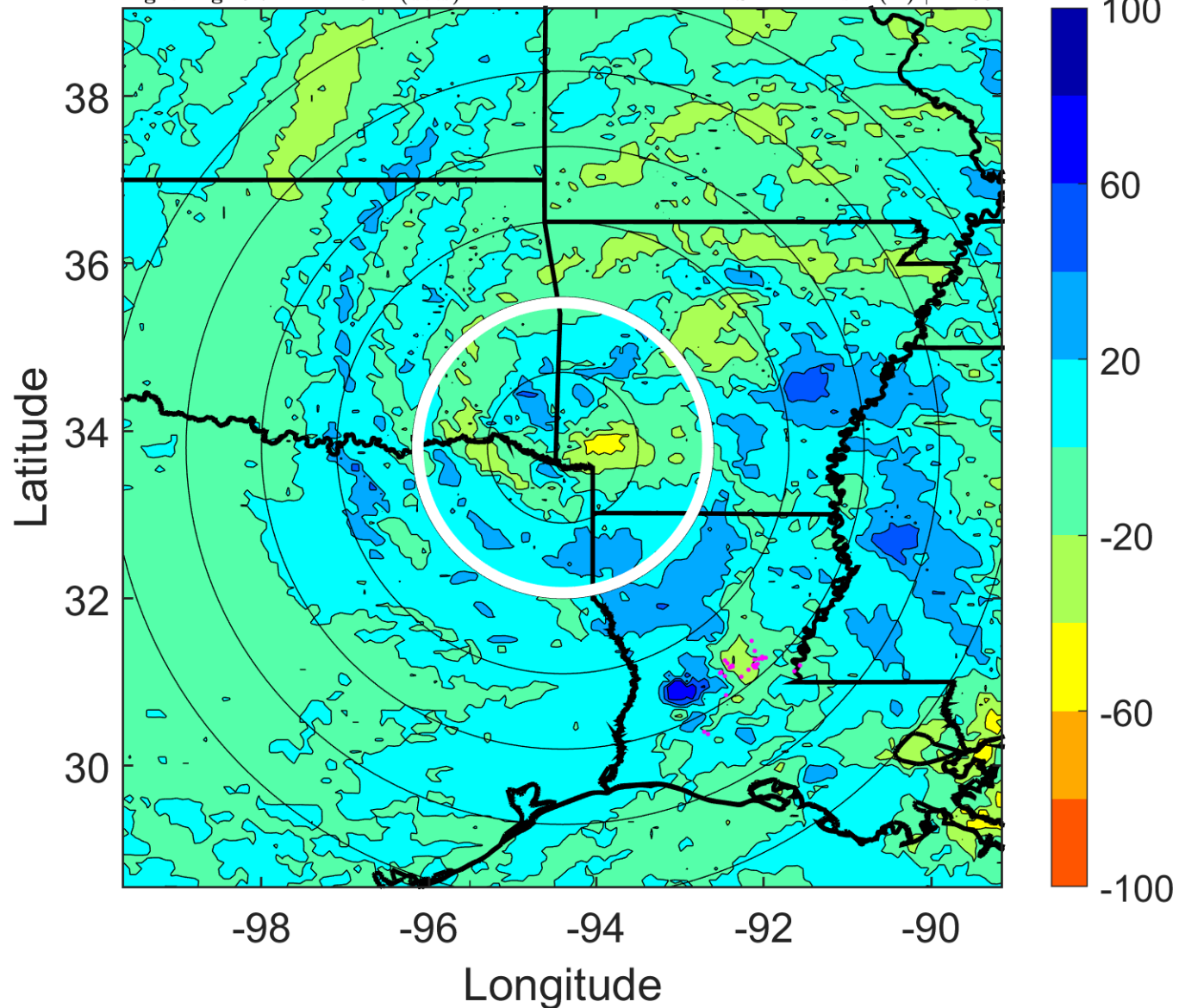
$\Delta$ t: 2008090312 (5.7 LT) - 2008090306 (23.7 LT)

Lightning: 5.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 11.2 m s<sup>-1</sup> (H) | H: 65°



### IR BT & Lightning

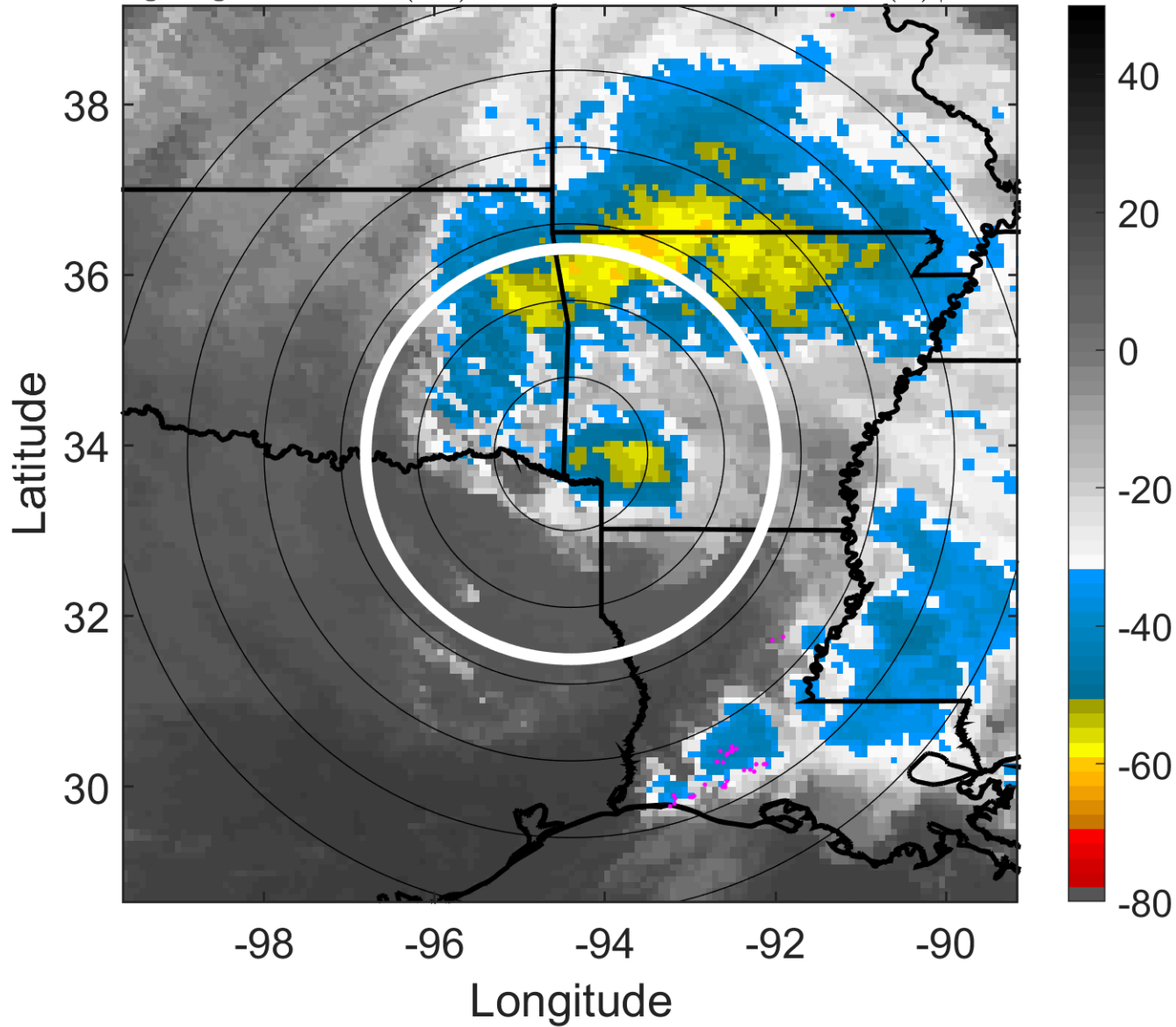
t: 2008090315 (8.7 LT)

Lightning: 8.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 10.5 m s<sup>-1</sup> (M) | H: 65°



### 6-h IR BT Differences & Lightning

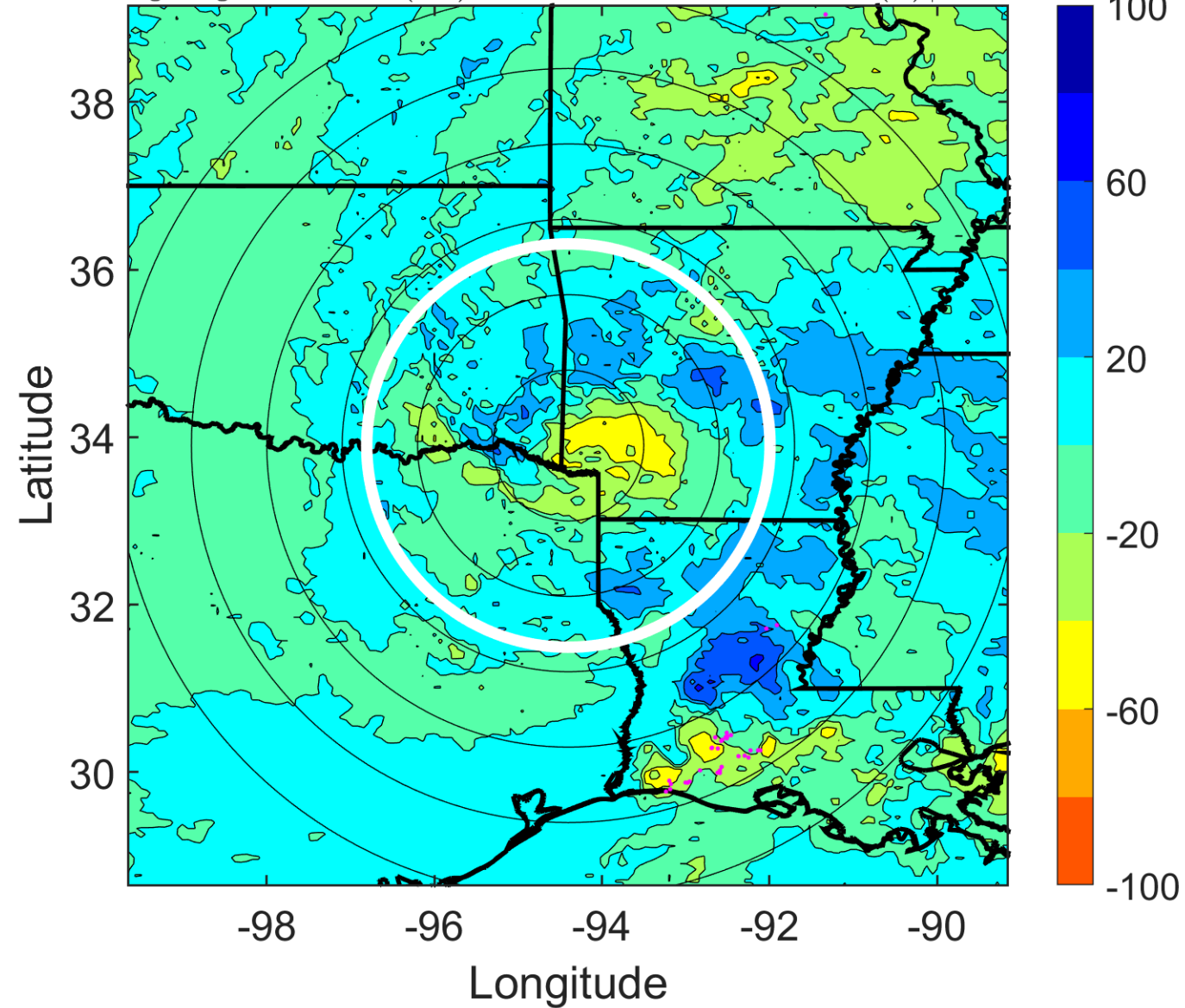
$\Delta$ t: 2008090315 (8.7 LT) - 2008090309 (2.7 LT)

Lightning: 8.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 10.5 m s<sup>-1</sup> (M) | H: 65°





### IR BT & Lightning

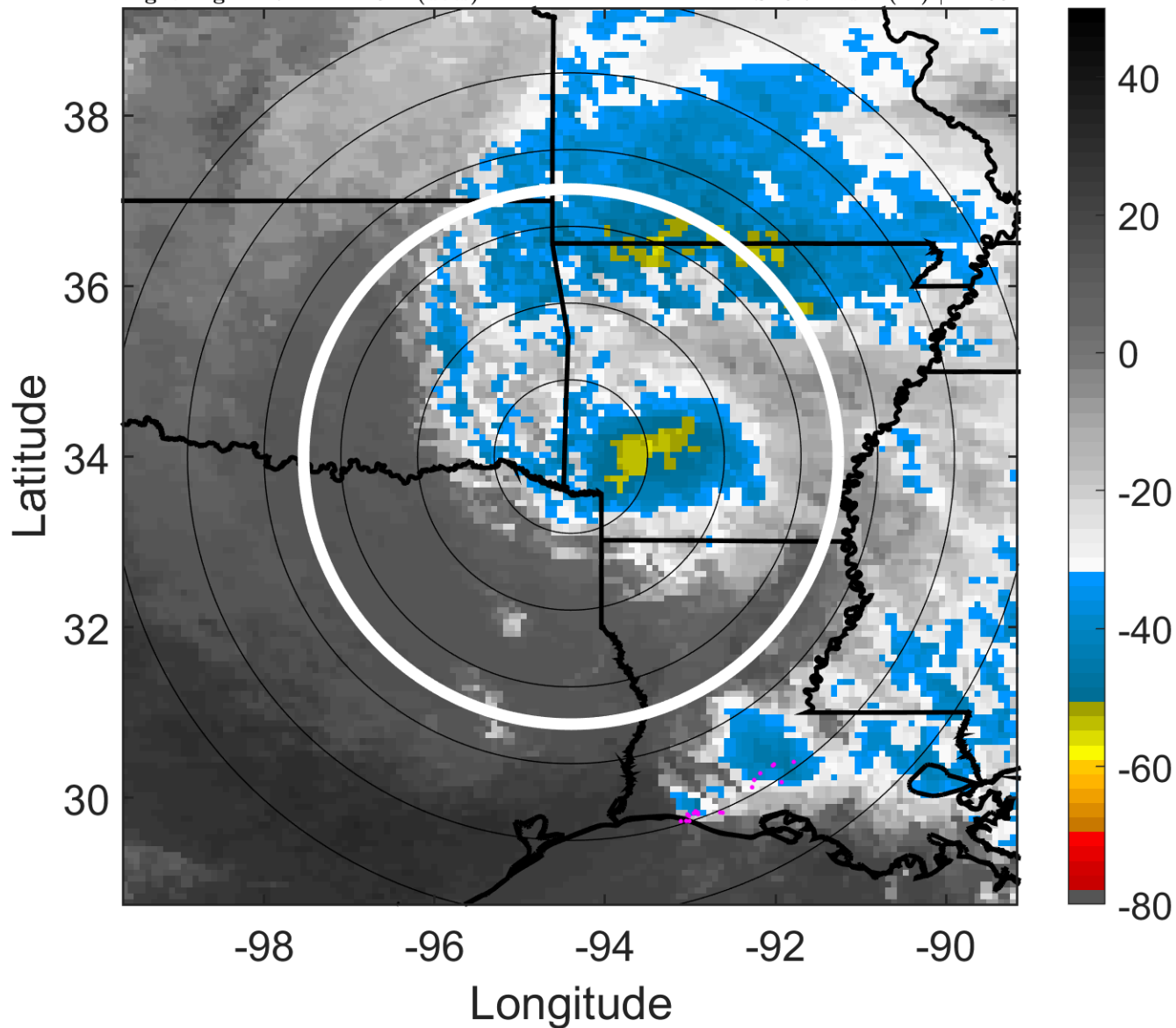
t: 2008090318 (11.7 LT)

Lightning: 11.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 9.7 m s<sup>-1</sup> (M) | H: 65°



### 6-h IR BT Differences & Lightning

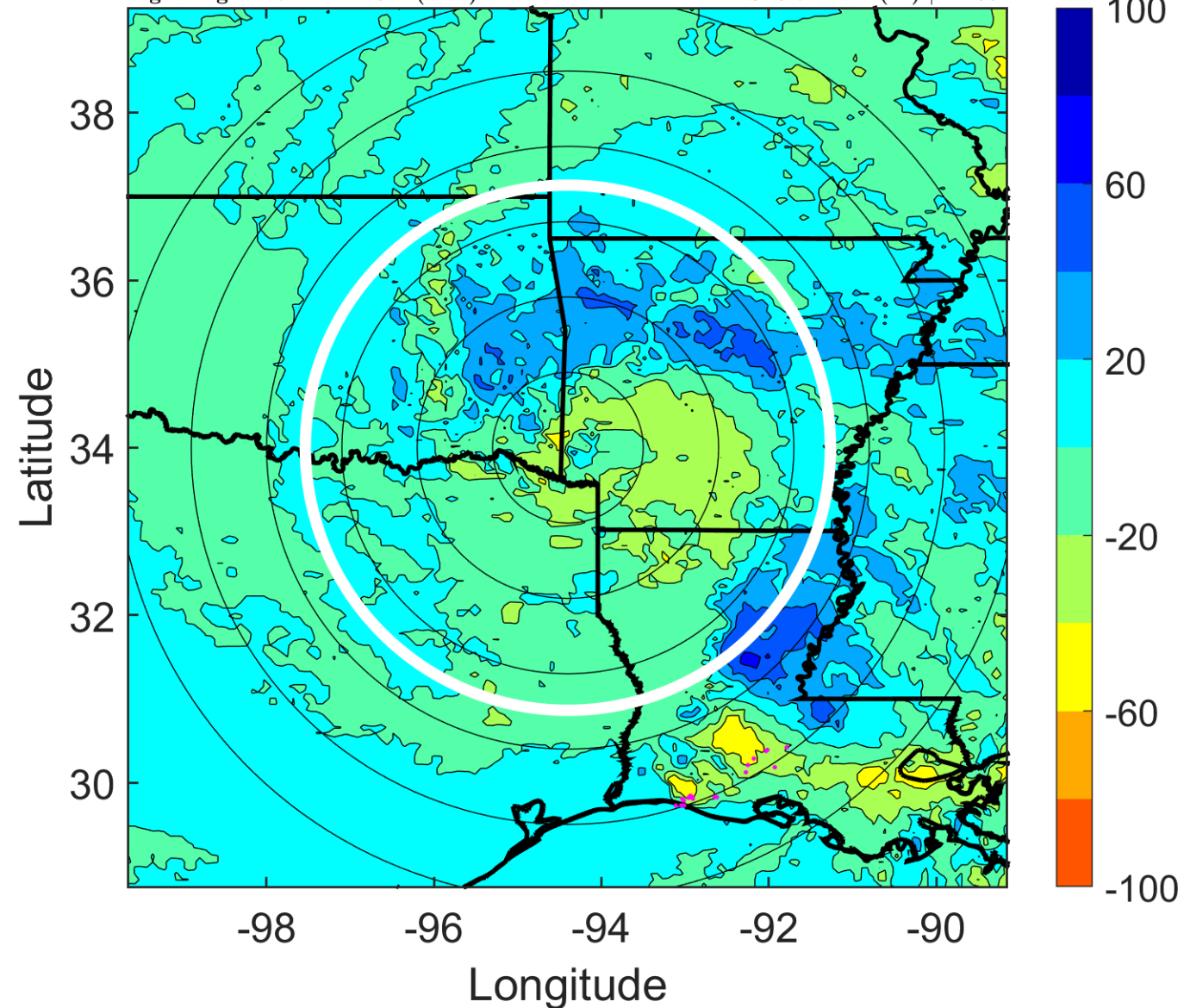
$\Delta$ t: 2008090318 (11.7 LT) - 2008090312 (5.7 LT)

Lightning: 11.7 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt TD

S: 9.7 m s<sup>-1</sup> (M) | H: 65°



### IR BT & Lightning

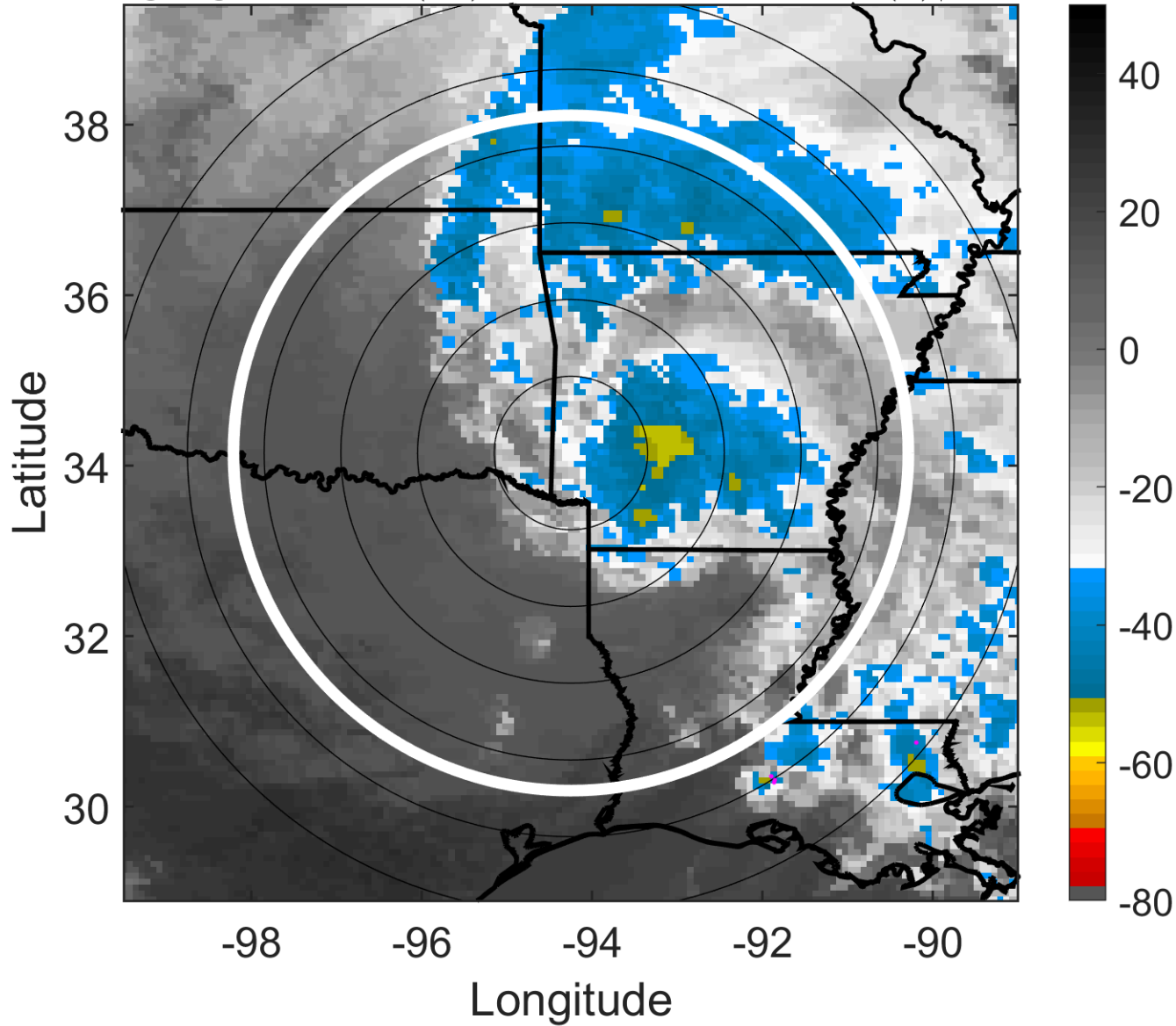
t: 2008090321 (14.7 LT)

Lightning: 14.7 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 17.5 kt TD

S: 10.4 m s<sup>-1</sup> (M) | H: 67°



### 6-h IR BT Differences & Lightning

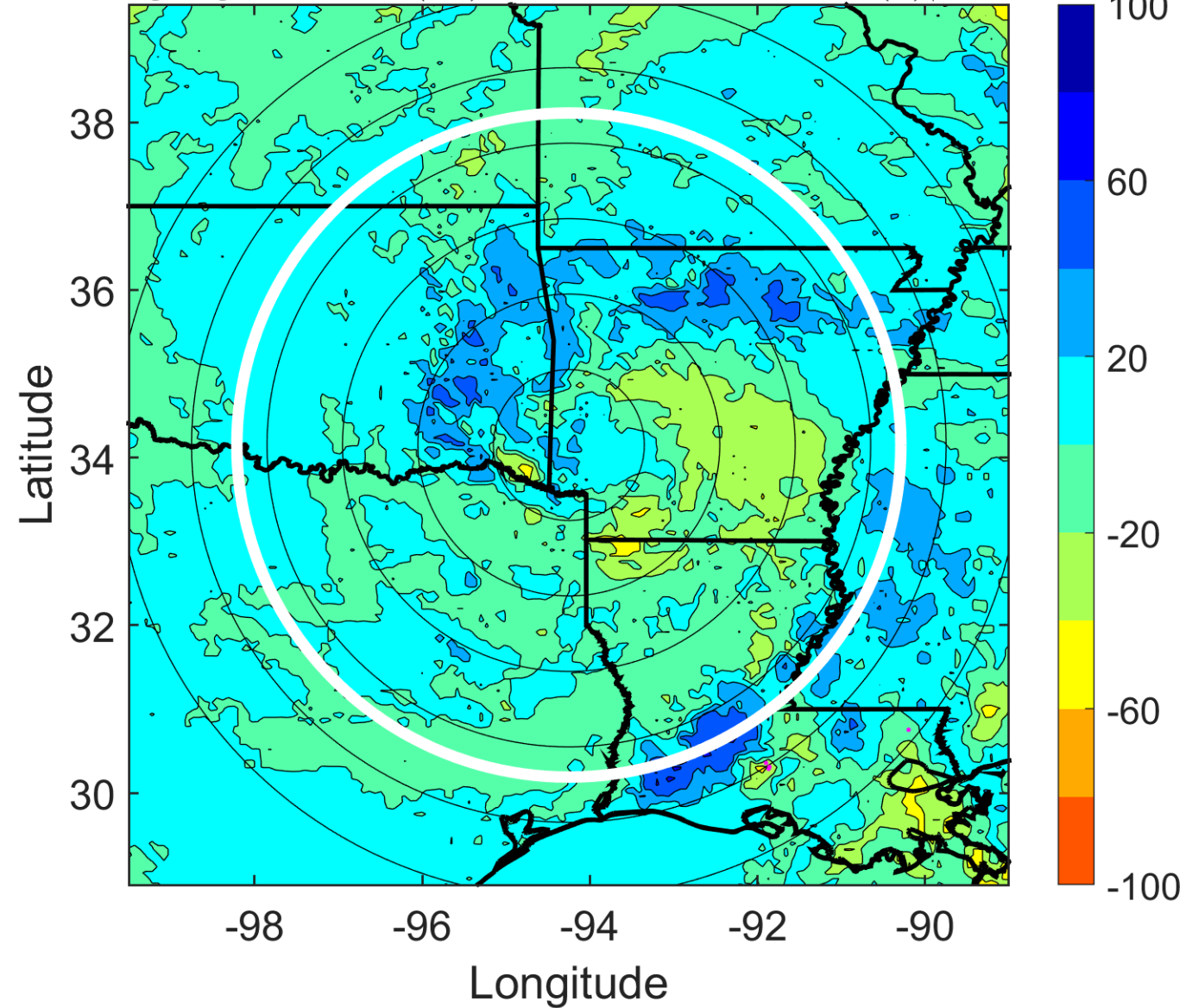
$\Delta$ t: 2008090321 (14.7 LT) - 2008090315 (8.7 LT)

Lightning: 14.7 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 17.5 kt TD

S: 10.4 m s<sup>-1</sup> (M) | H: 67°



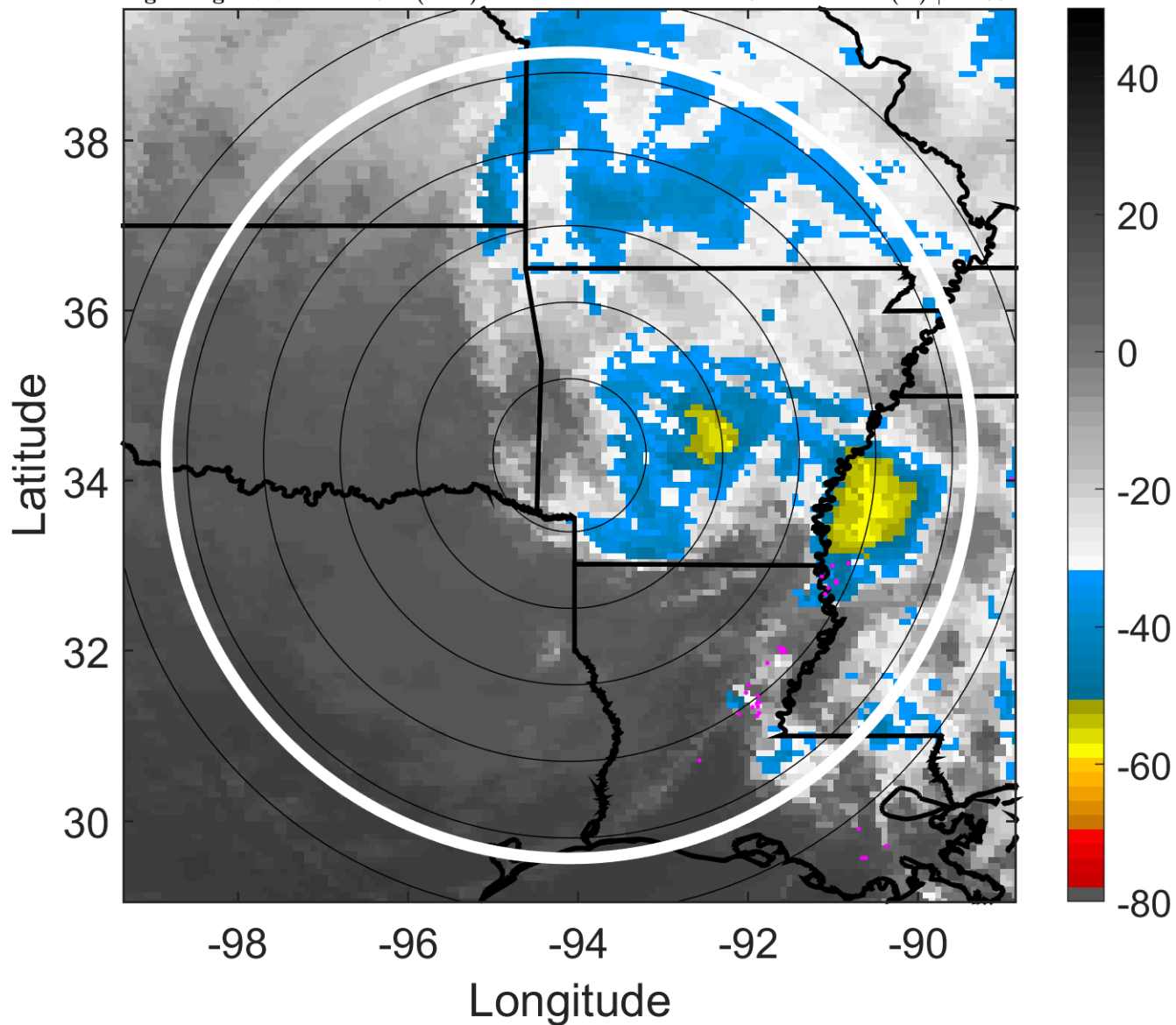


### IR BT & Lightning

t: 2008090400 (17.7 LT)  
Lightning: 17.7 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 15 kt TD  
S: 11.1 m s<sup>-1</sup> (H) | H: 69°

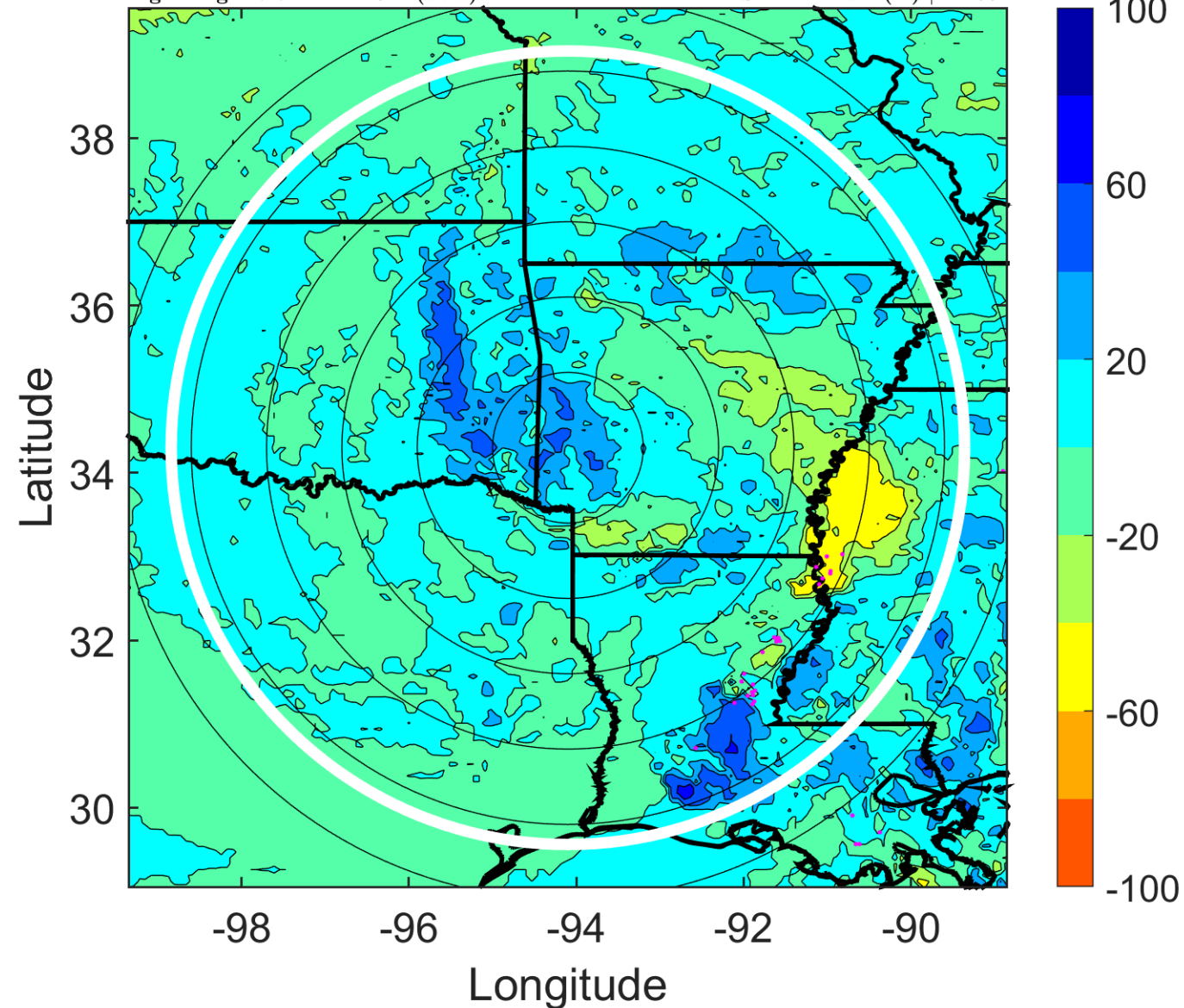


### 6-h IR BT Differences & Lightning

$\Delta$ t: 2008090400 (17.7 LT) - 2008090318 (11.7 LT)  
Lightning: 17.7 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 15 kt TD  
S: 11.1 m s<sup>-1</sup> (H) | H: 69°



### IR BT & Lightning

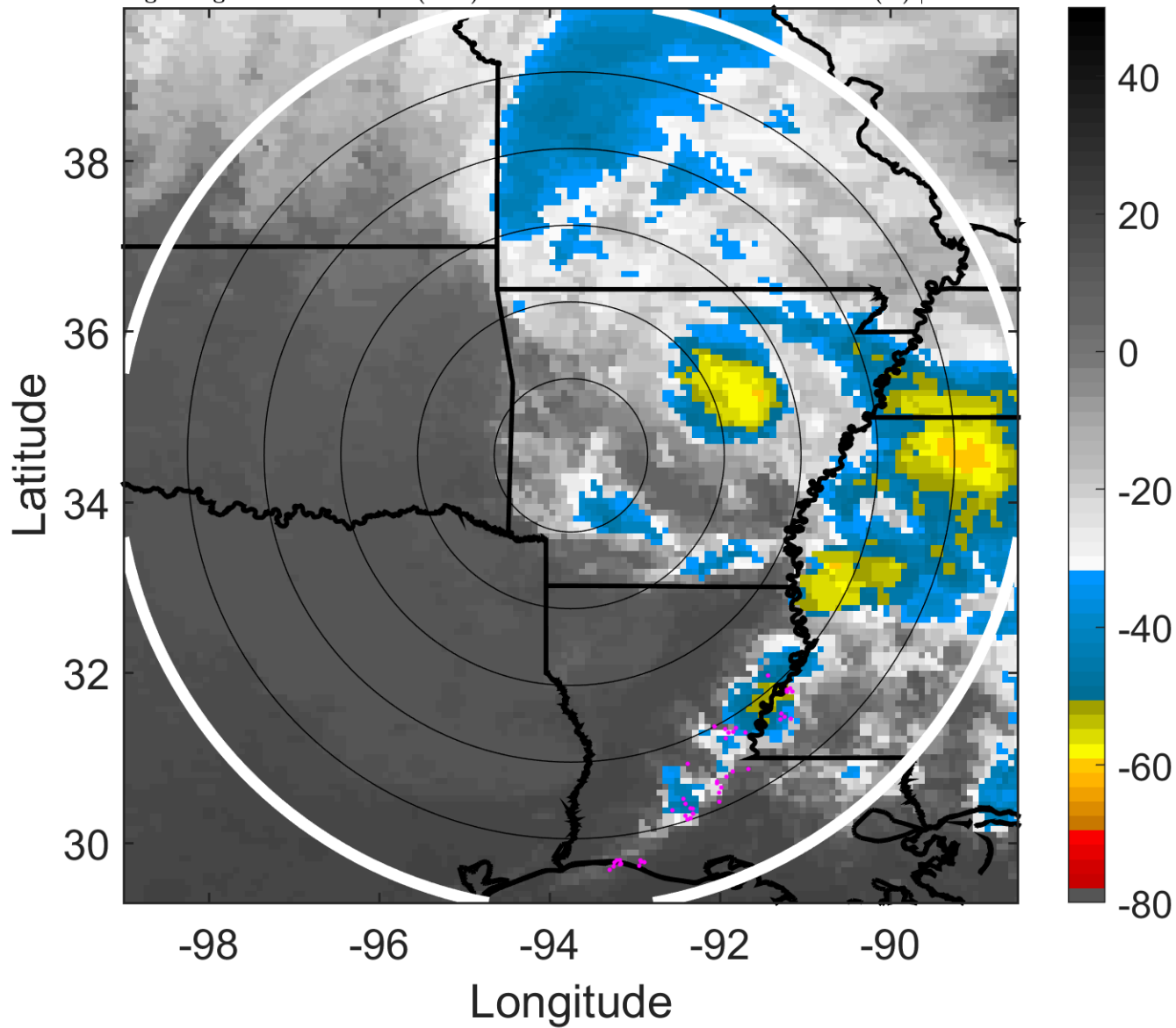
t: 2008090403 (20.8 LT)

Lightning: 20.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 15 kt TD

S: 12.5 m s<sup>-1</sup> (H) | H: 67.5°



### 6-h IR BT Differences & Lightning

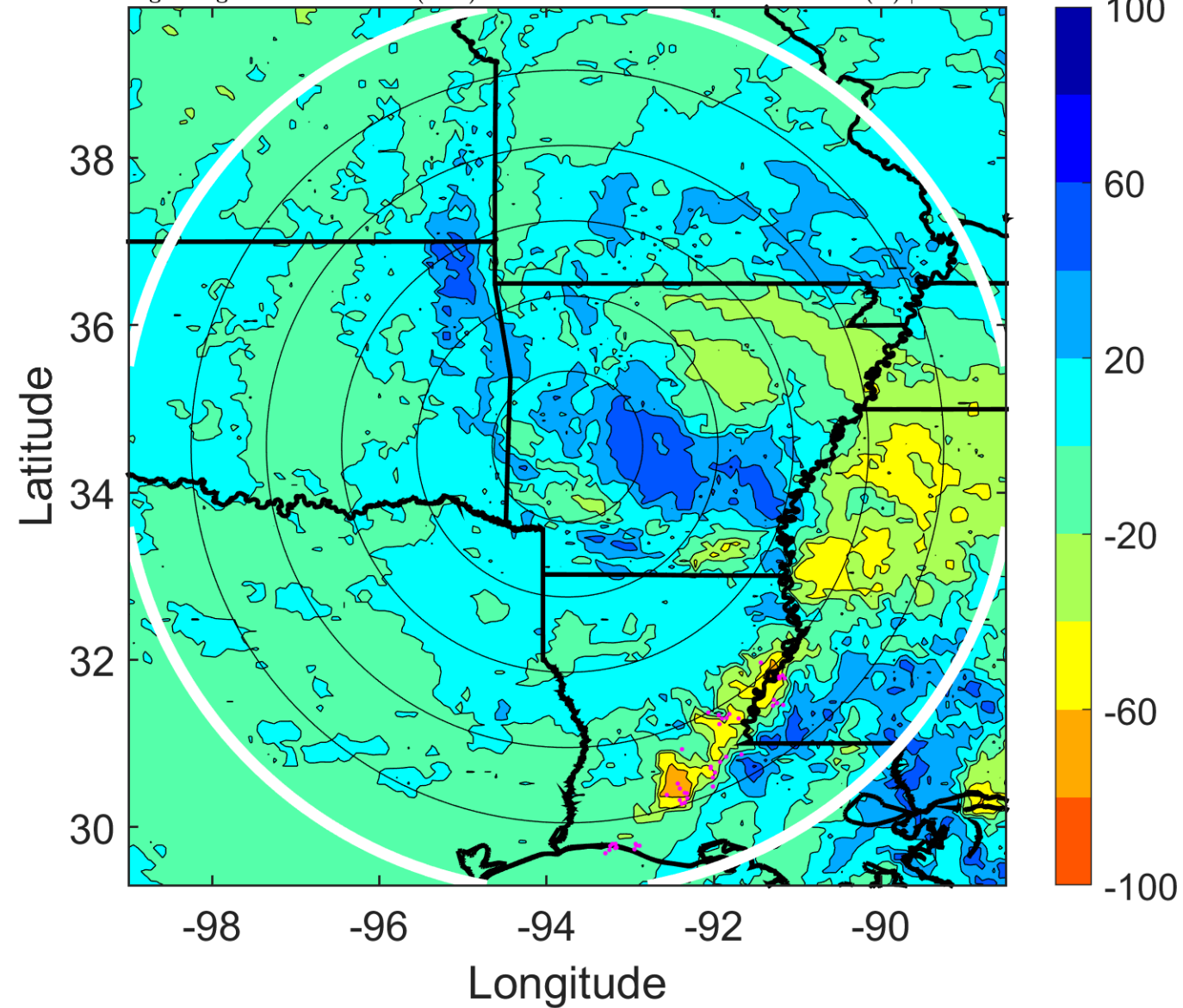
$\Delta$ t: 2008090403 (20.8 LT) - 2008090321 (14.7 LT)

Lightning: 20.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 15 kt TD

S: 12.5 m s<sup>-1</sup> (H) | H: 67.5°





### IR BT & Lightning

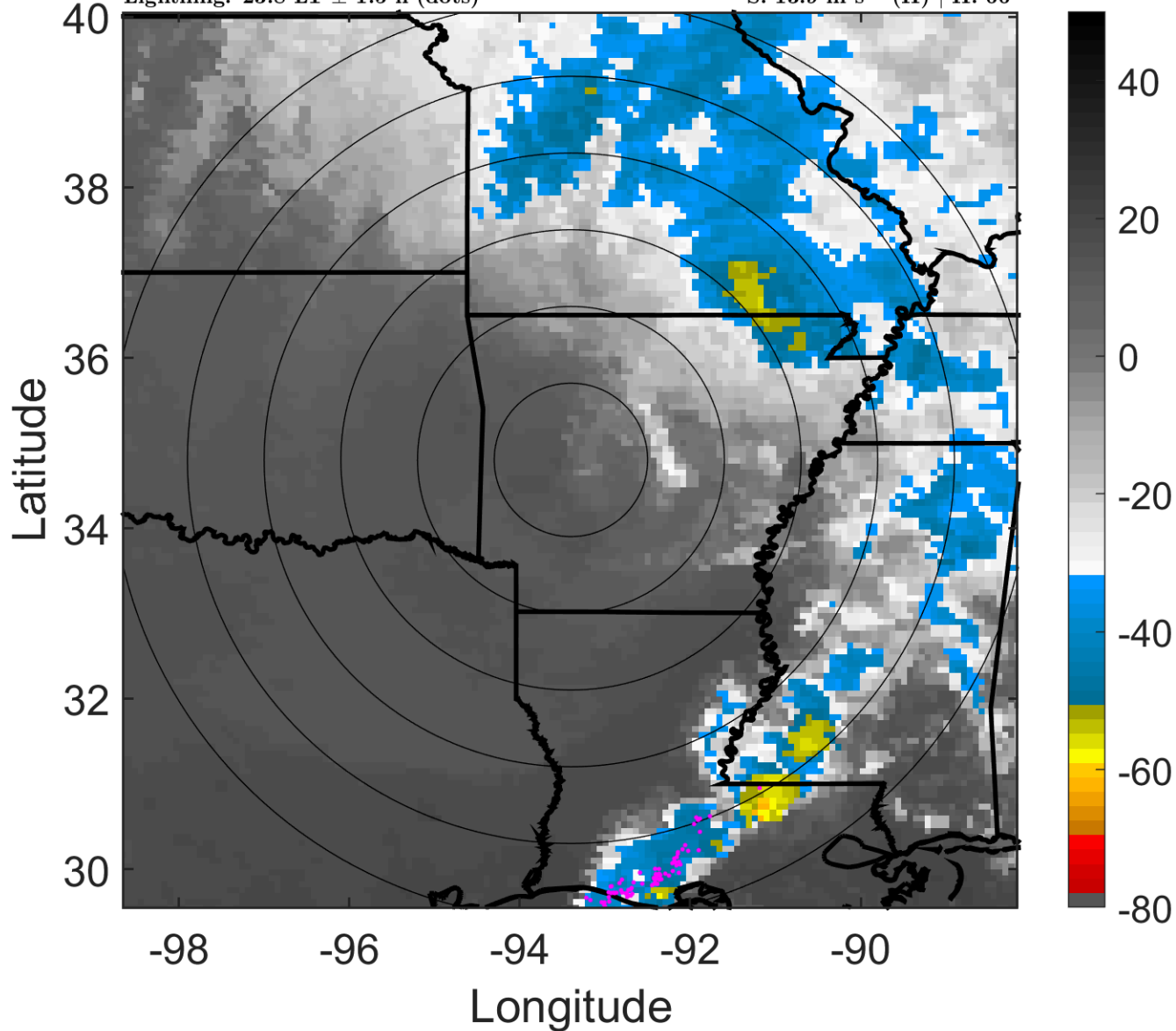
t: 2008090406 (23.8 LT)

Lightning: 23.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 15 kt TD

S: 13.9 m s<sup>-1</sup> (H) | H: 66°



### 6-h IR BT Differences & Lightning

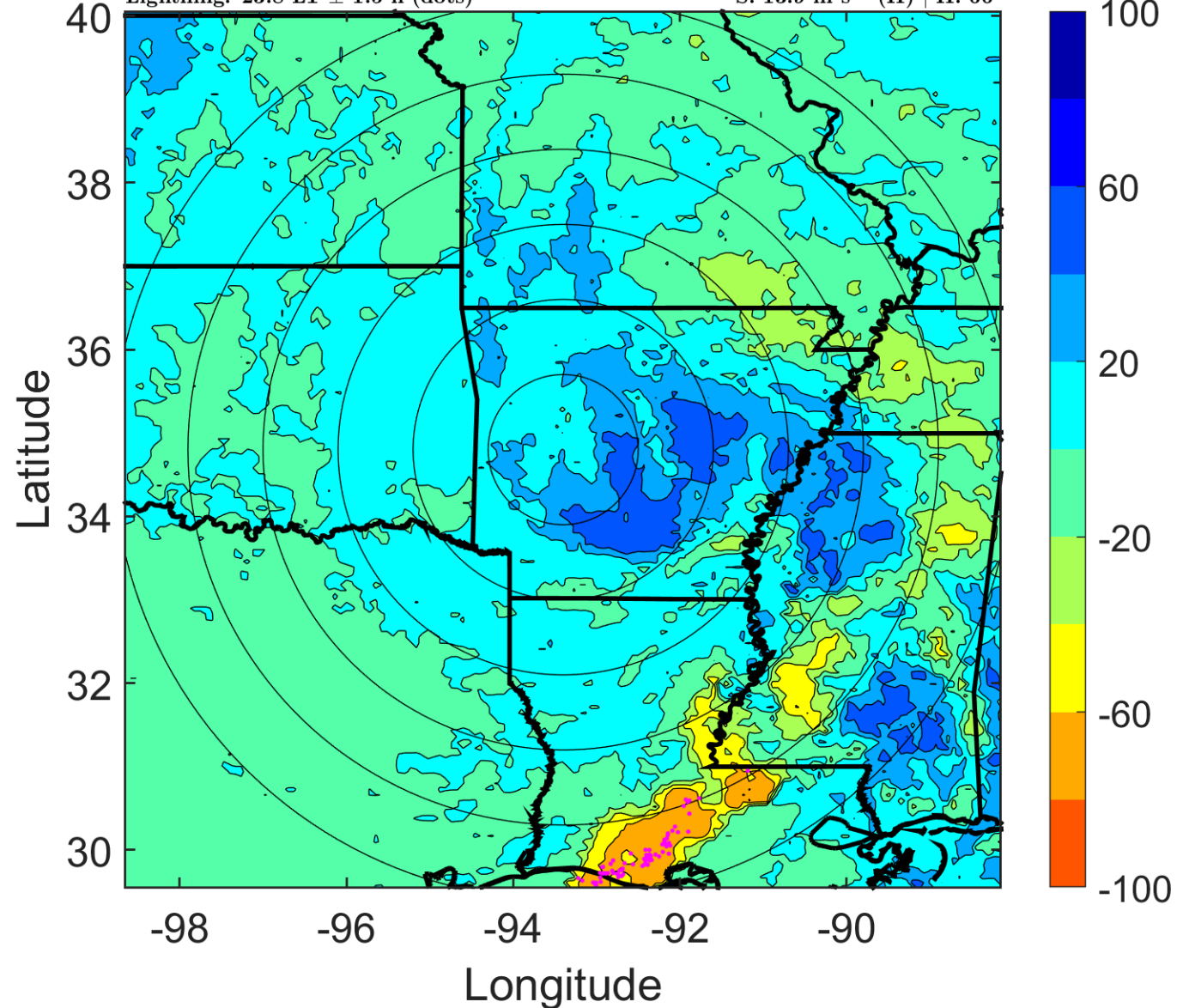
$\Delta$ t: 2008090406 (23.8 LT) - 2008090400 (17.7 LT)

Lightning: 23.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 15 kt TD

S: 13.9 m s<sup>-1</sup> (H) | H: 66°



### IR BT & Lightning

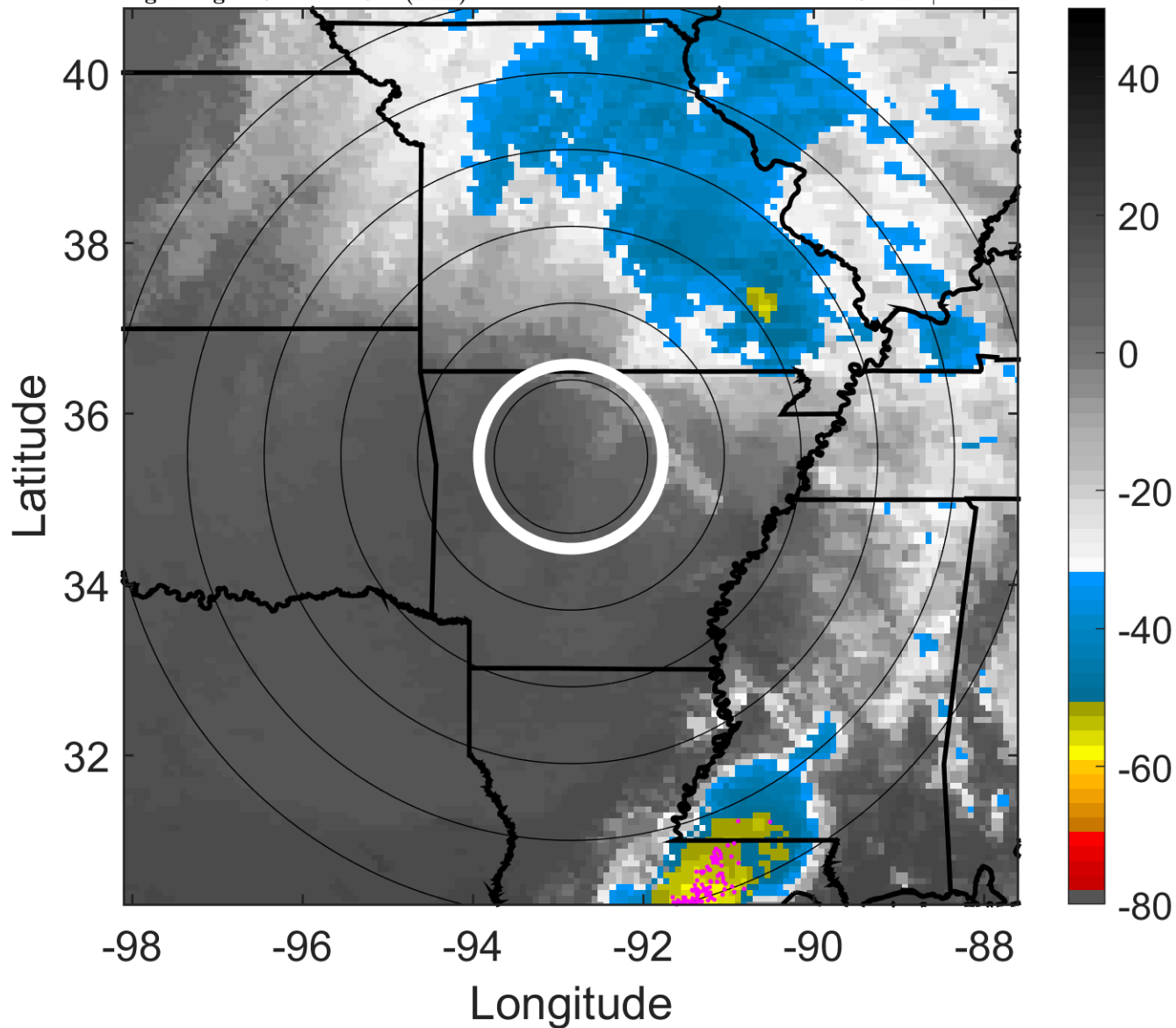
t: 2008090409 (2.8 LT)

Lightning: 2.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 15 kt TD

S: null | H: null



### 6-h IR BT Differences & Lightning

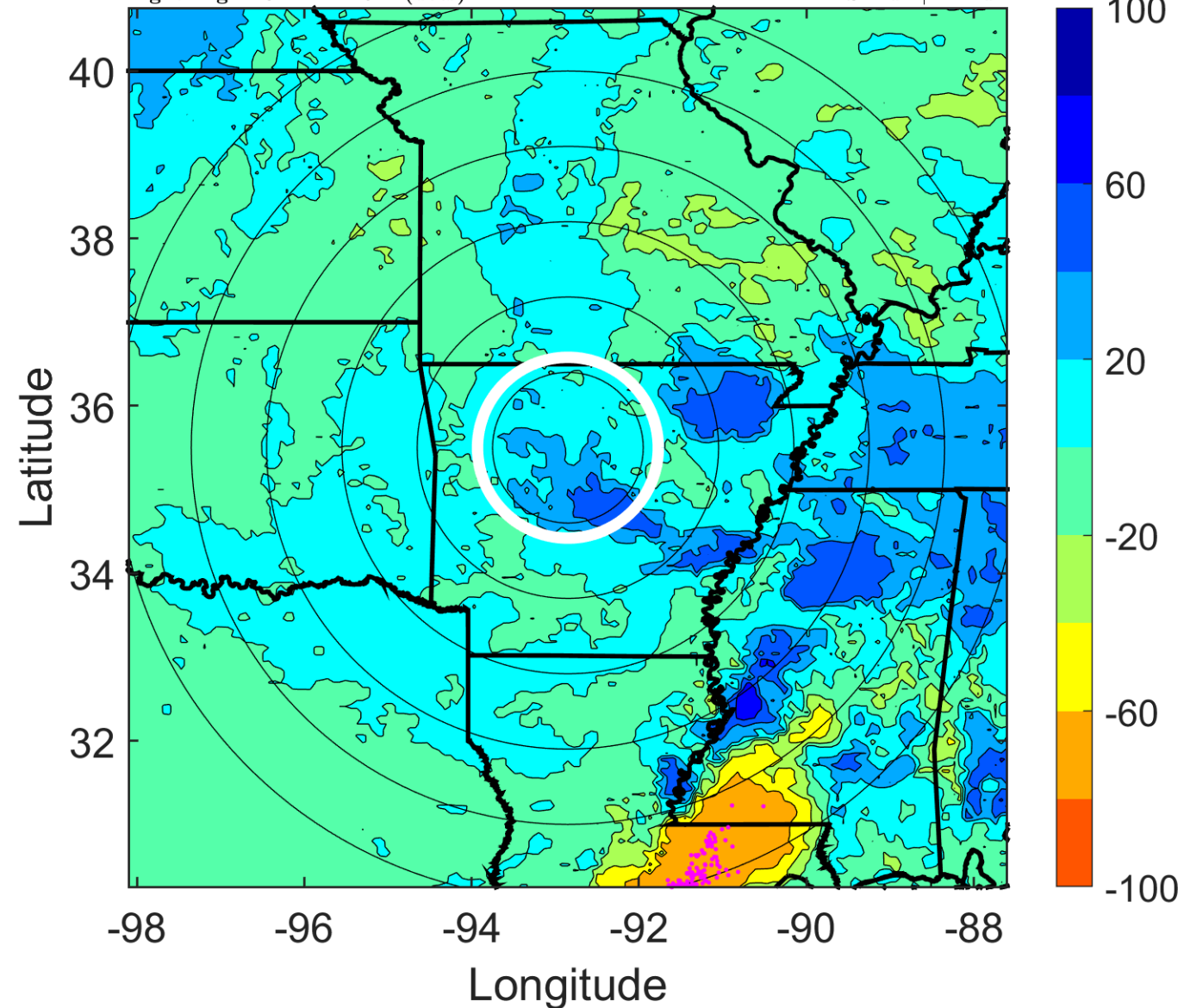
$\Delta$ t: 2008090409 (2.8 LT) - 2008090403 (20.8 LT)

Lightning: 2.8 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 15 kt TD

S: null | H: null





### IR BT & Lightning

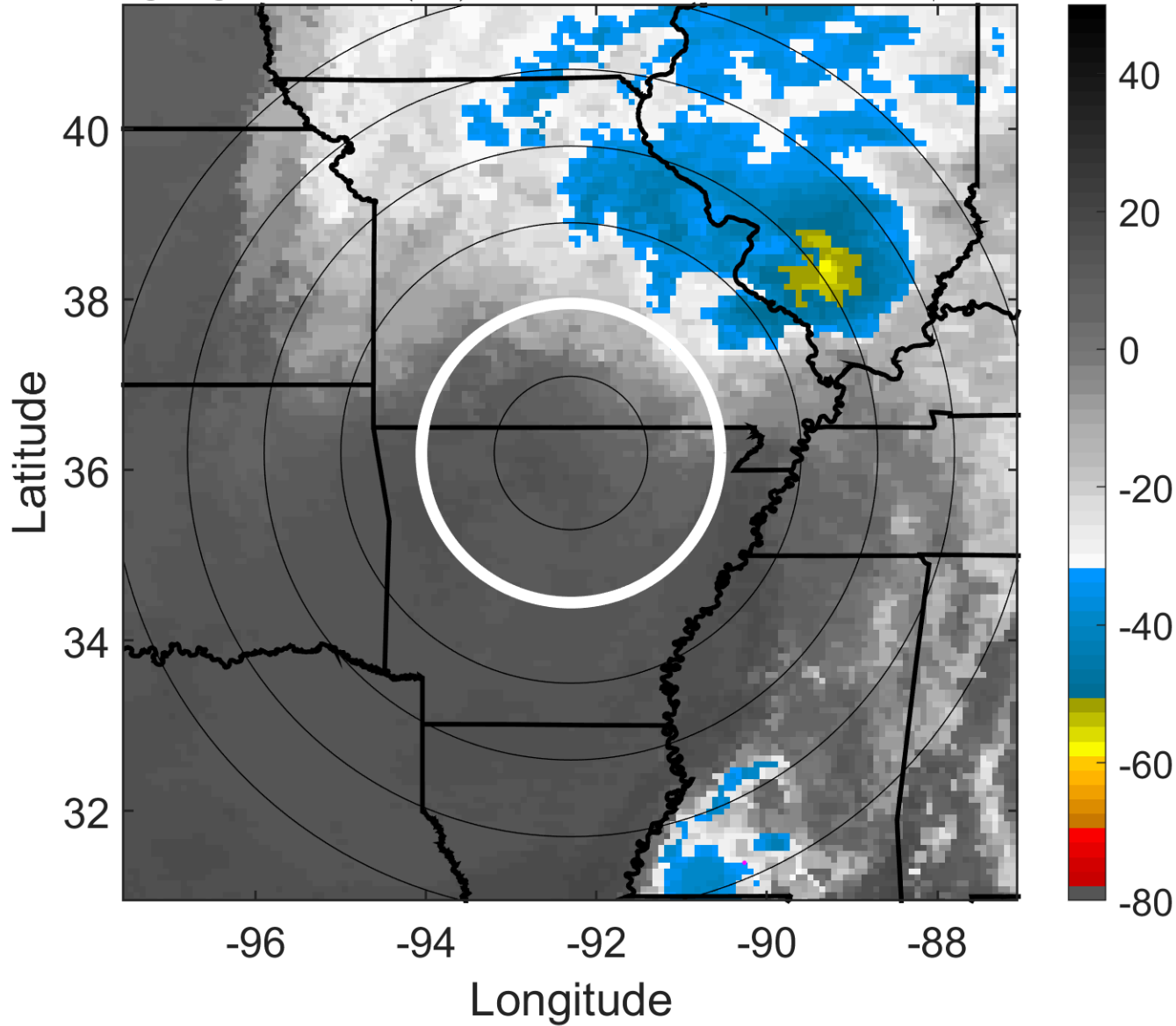
t: 2008090412 (5.8 LT)

Lightning: 5.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 15 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

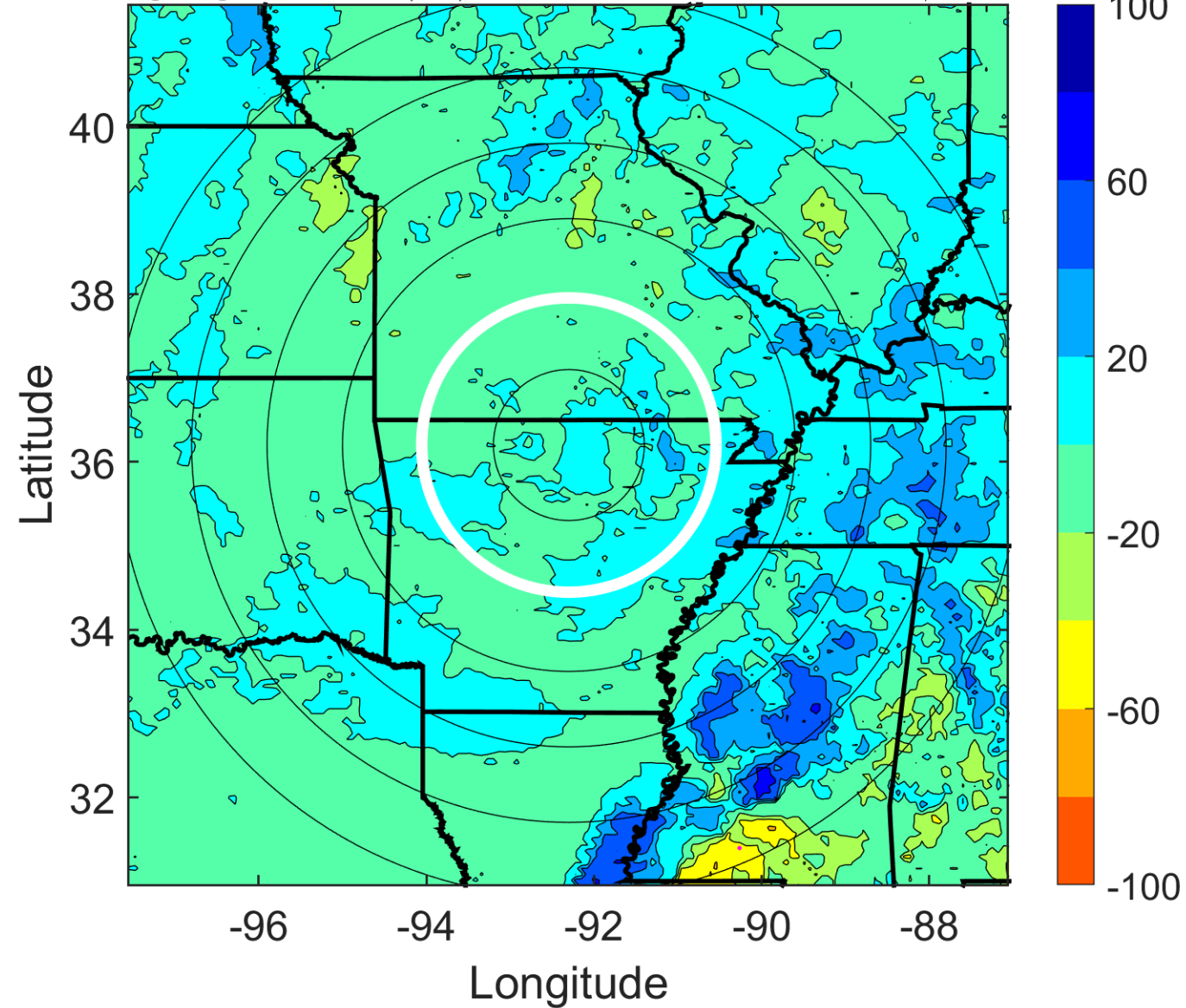
$\Delta$ t: 2008090412 (5.8 LT) - 2008090406 (23.8 LT)

Lightning: 5.8 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 15 kt EX

S: null | H: null



### IR BT & Lightning

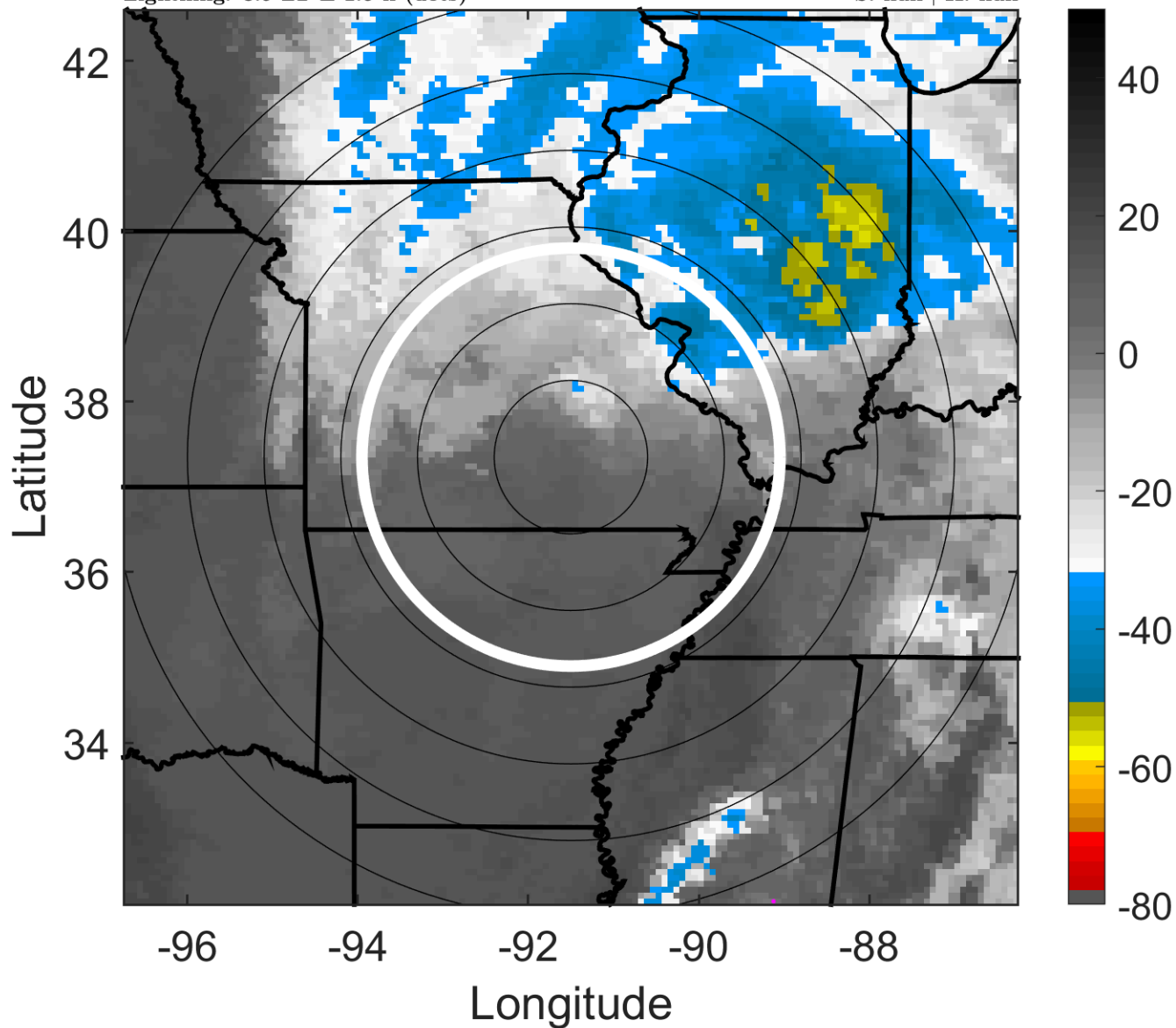
t: 2008090415 (8.9 LT)

Lightning: 8.9 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 17.5 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

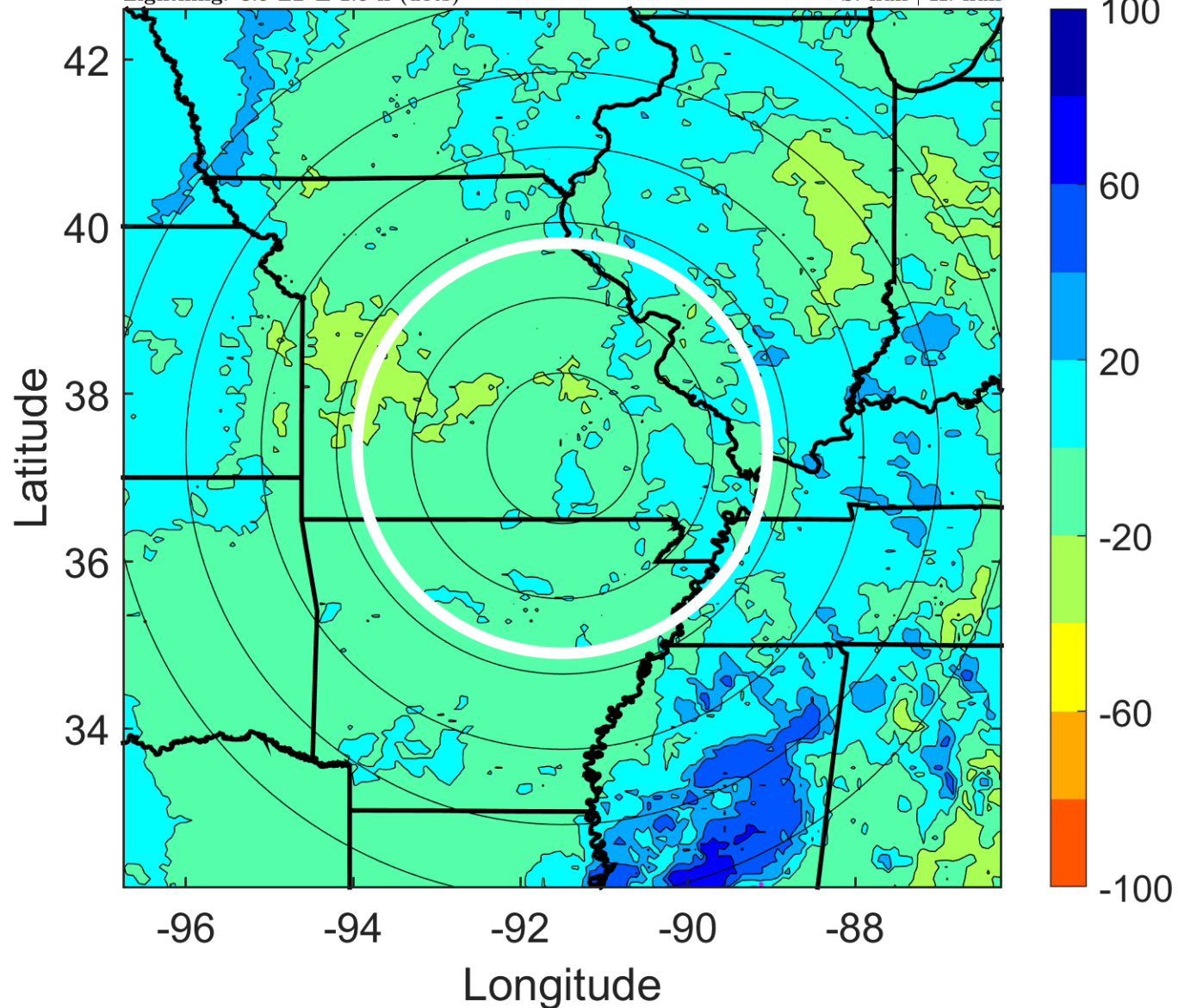
$\Delta$ t: 2008090415 (8.9 LT) - 2008090409 (2.8 LT)

Lightning: 8.9 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 17.5 kt EX

S: null | H: null





### IR BT & Lightning

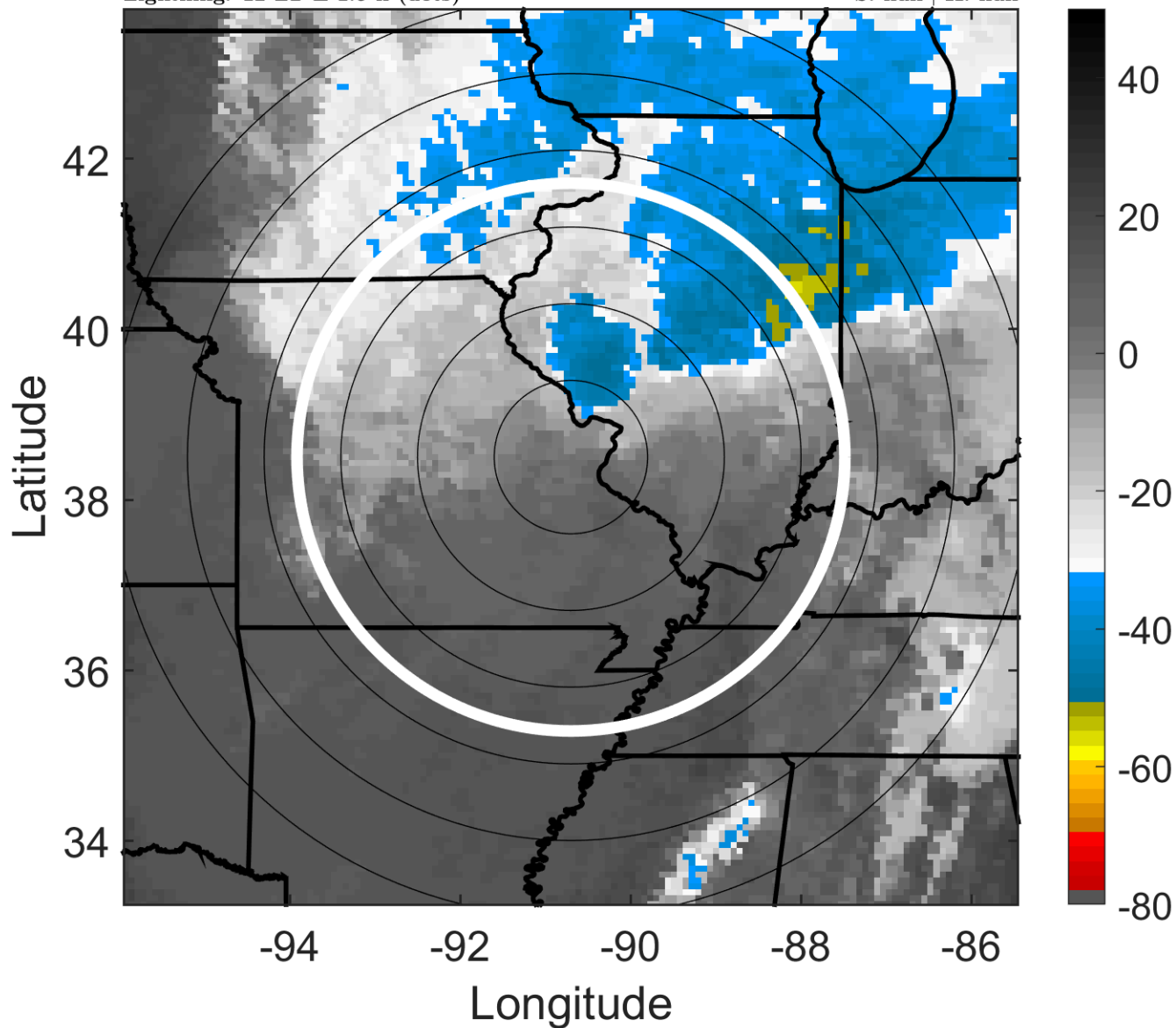
t: 2008090418 (12 LT)

Lightning: 12 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

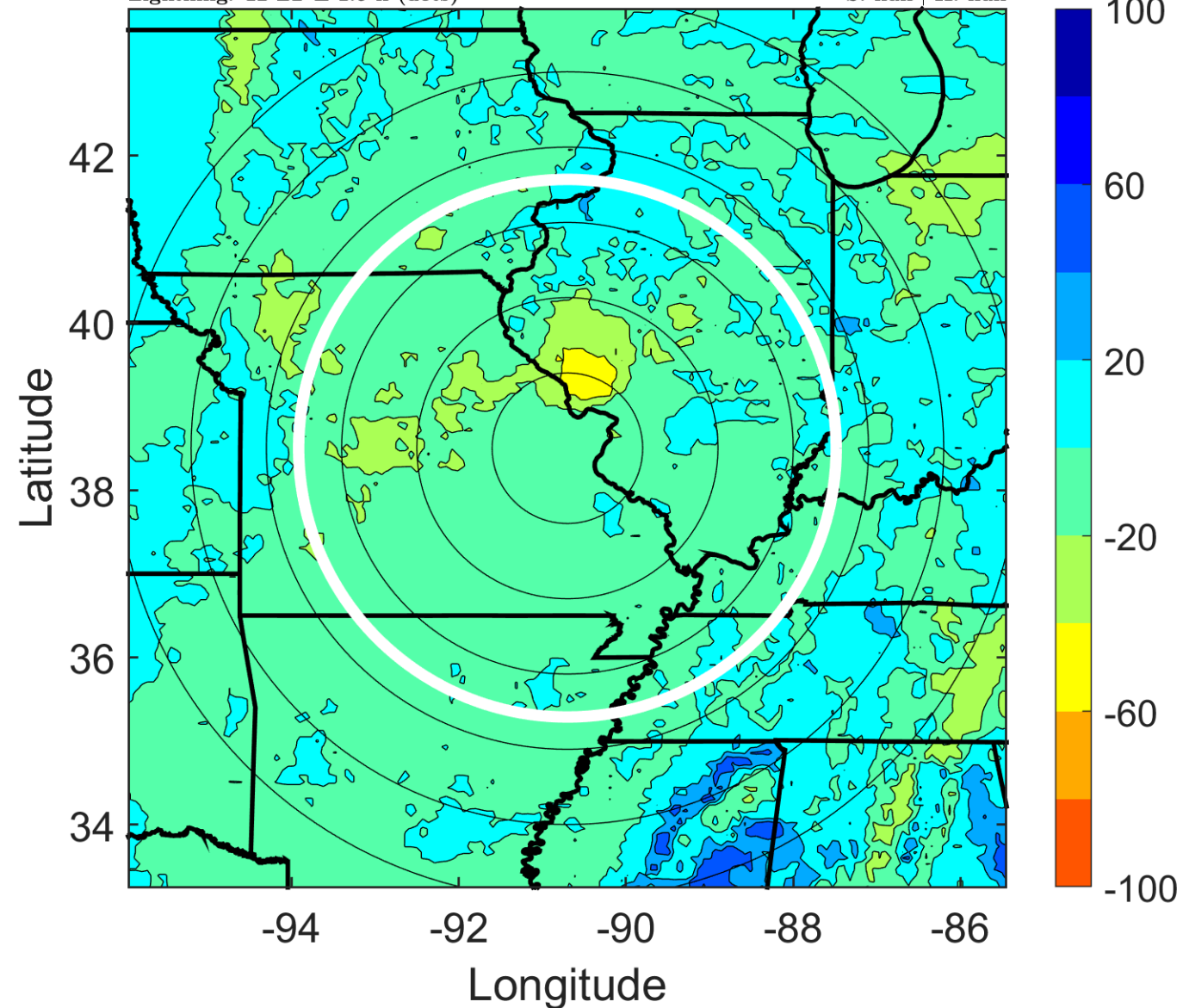
$\Delta$ t: 2008090418 (12 LT) - 2008090412 (5.8 LT)

Lightning: 12 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null

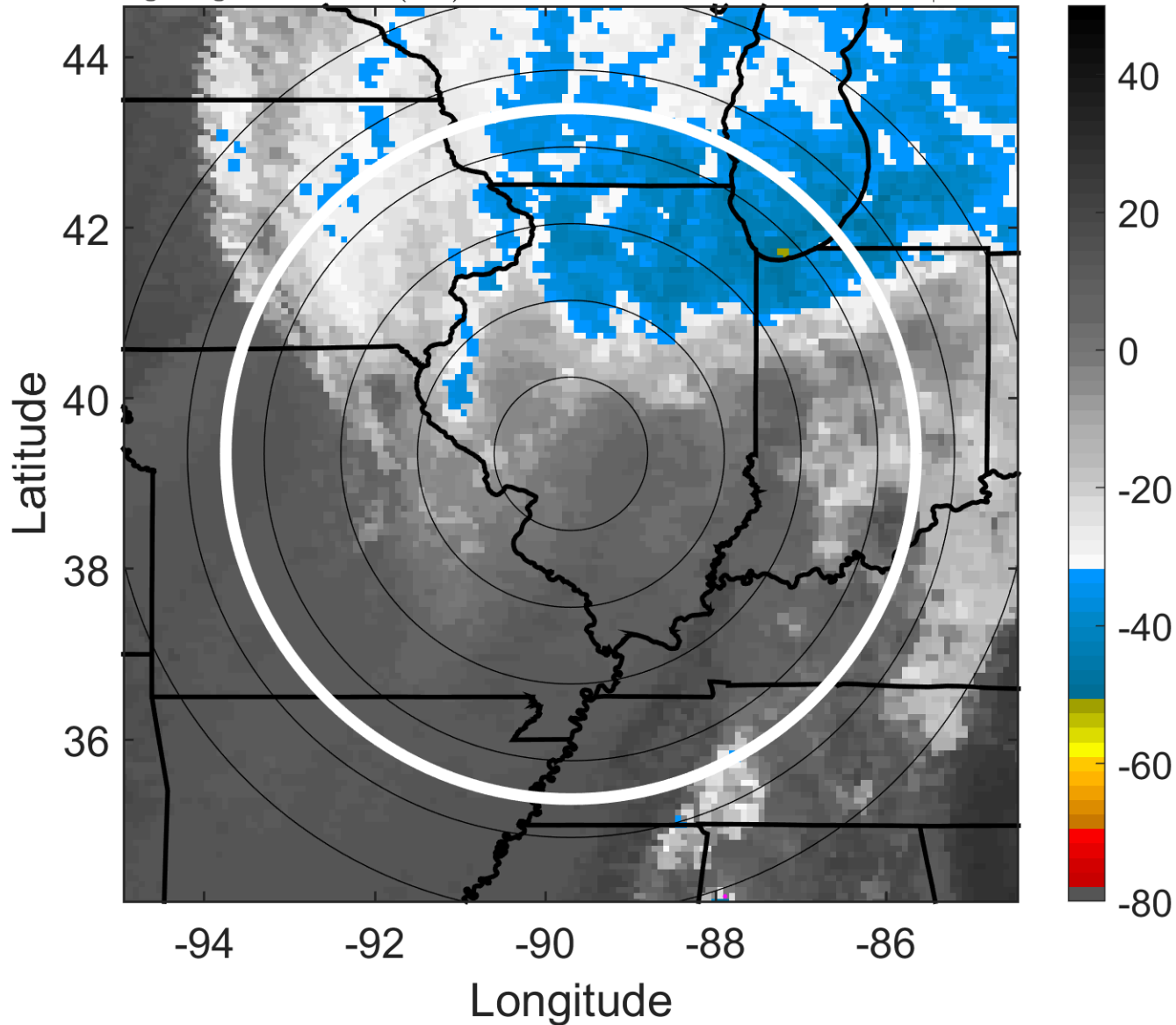


### IR BT & Lightning

t: 2008090421 (15 LT)  
Lightning: 15 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 20 kt EX  
S: null | H: null

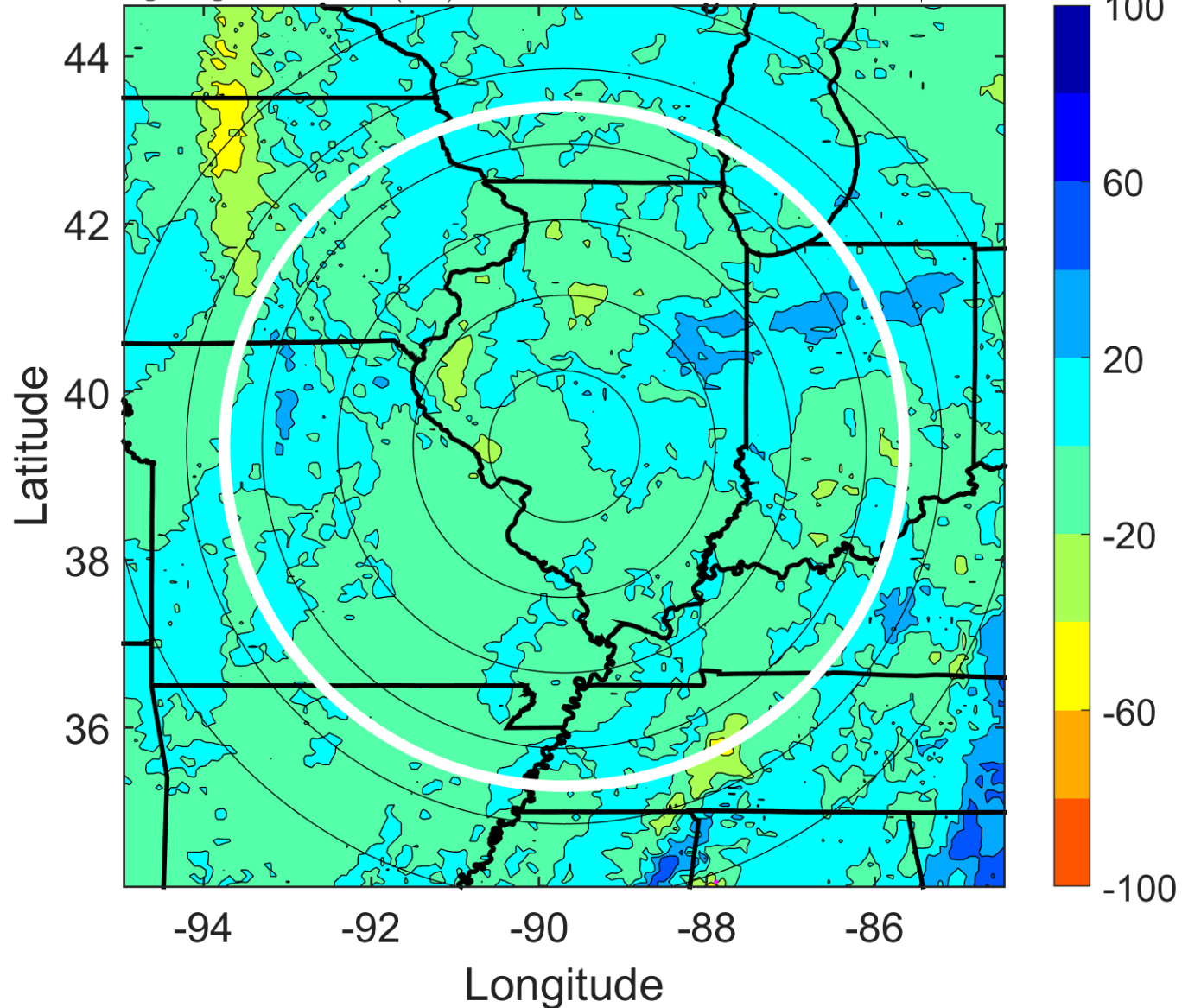


### 6-h IR BT Differences & Lightning

$\Delta$ t: 2008090421 (15 LT) - 2008090415 (8.9 LT)  
Lightning: 15 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 20 kt EX  
S: null | H: null





### IR BT & Lightning

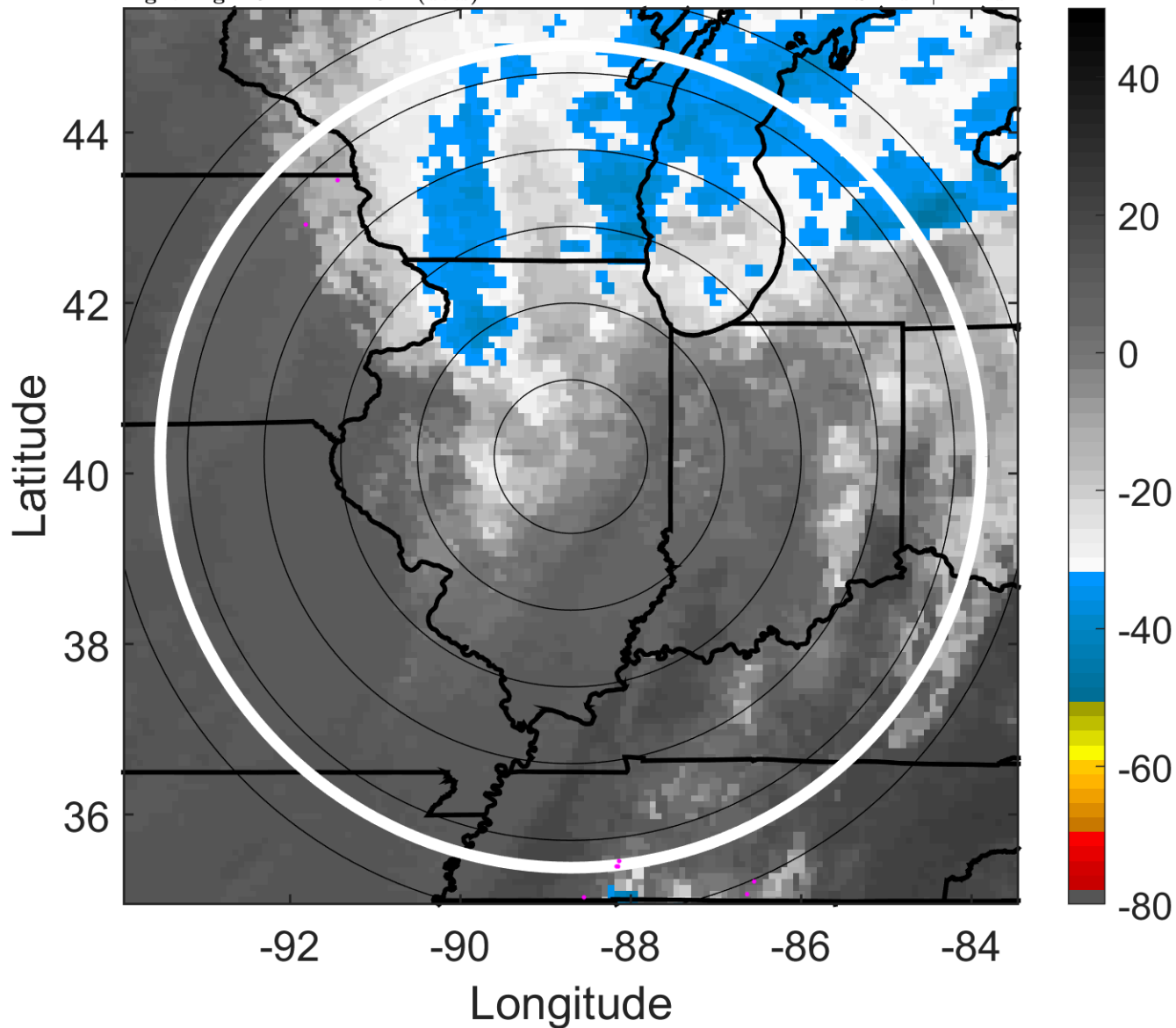
t: 2008090500 (18.1 LT)

Lightning: 18.1 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

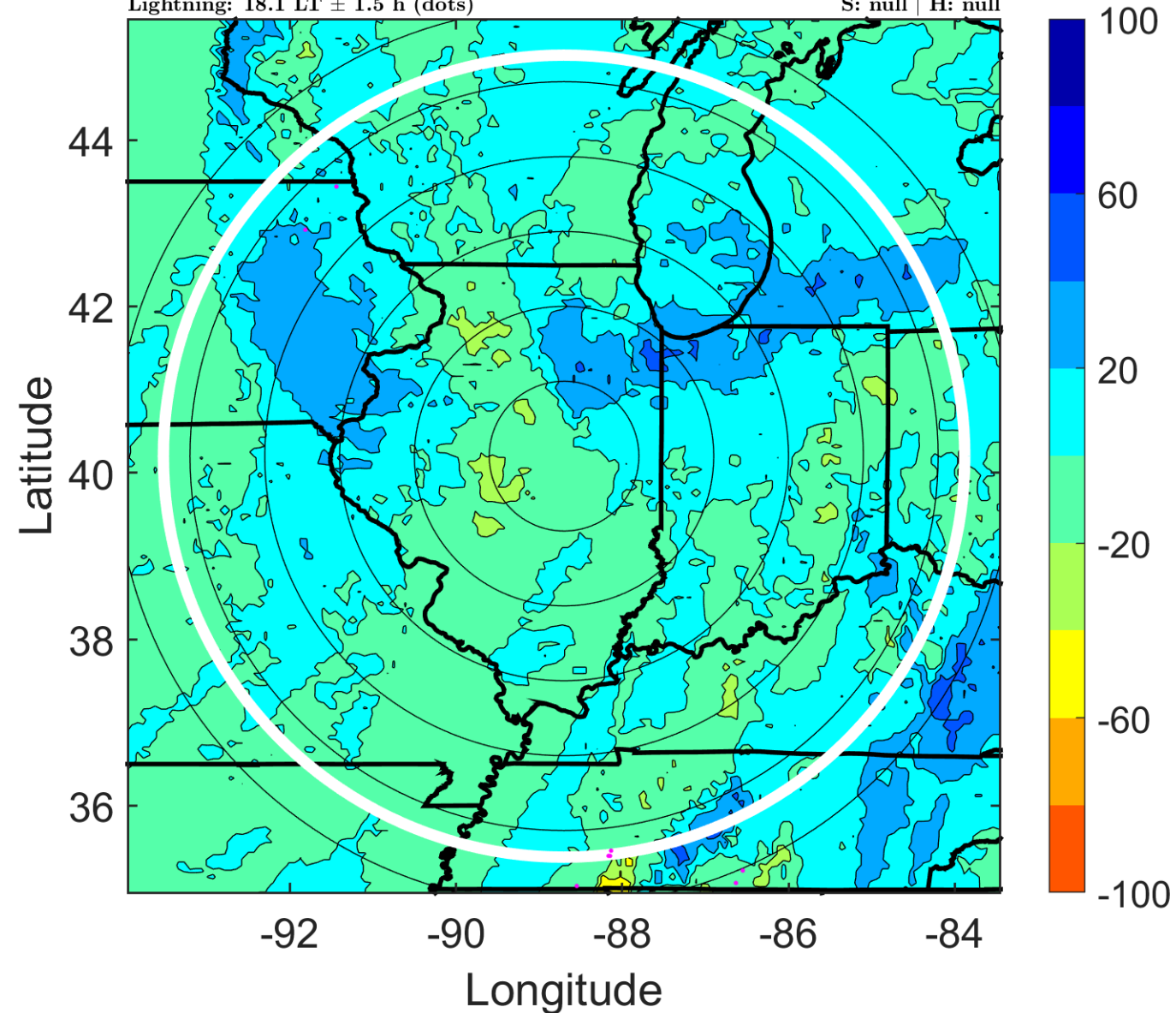
$\Delta$ t: 2008090500 (18.1 LT) - 2008090418 (12 LT)

Lightning: 18.1 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### IR BT & Lightning

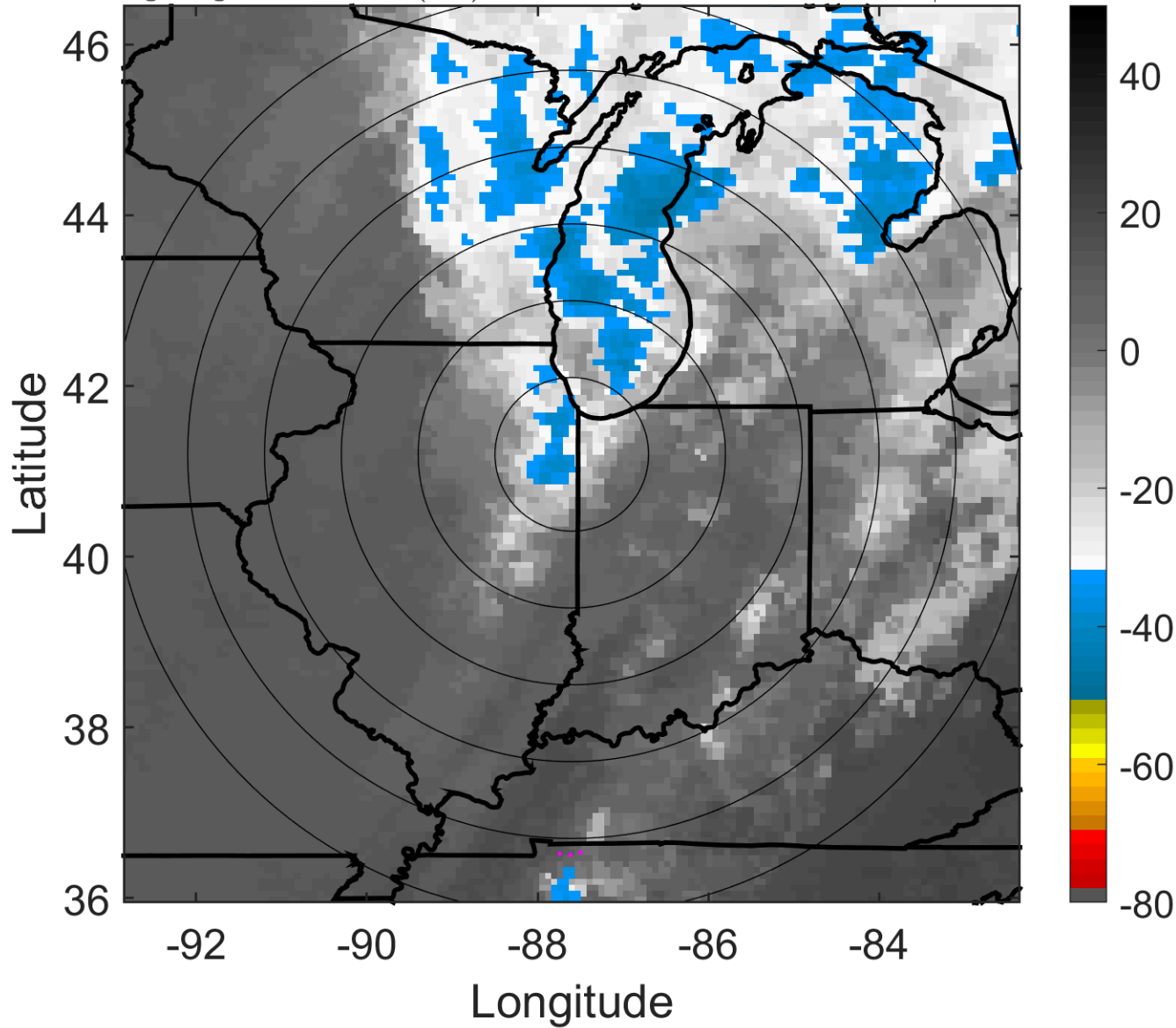
t: 2008090503 (21.2 LT)

Lightning: 21.2 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

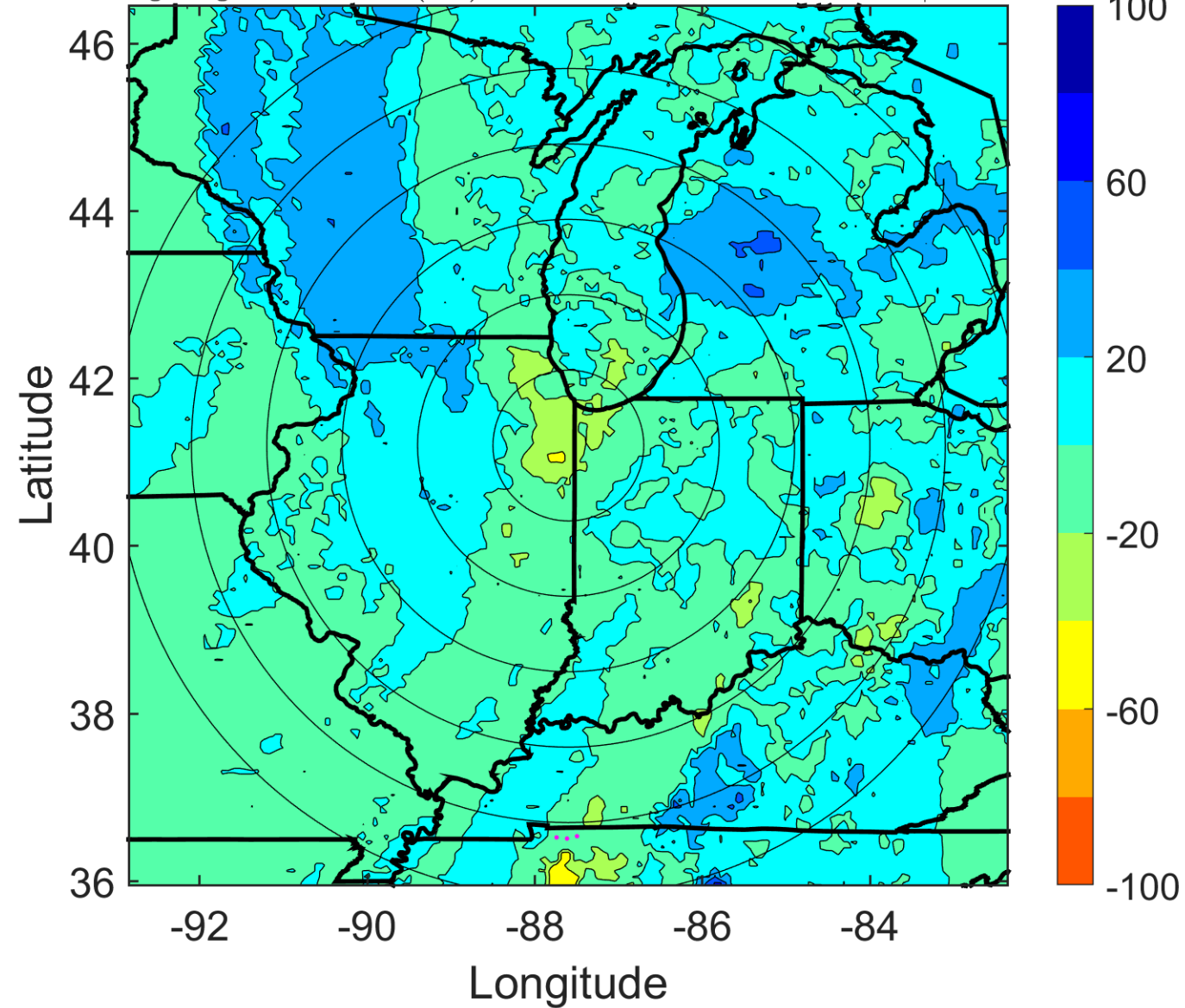
$\Delta$ t: 2008090503 (21.2 LT) - 2008090421 (15 LT)

Lightning: 21.2 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null





### IR BT & Lightning

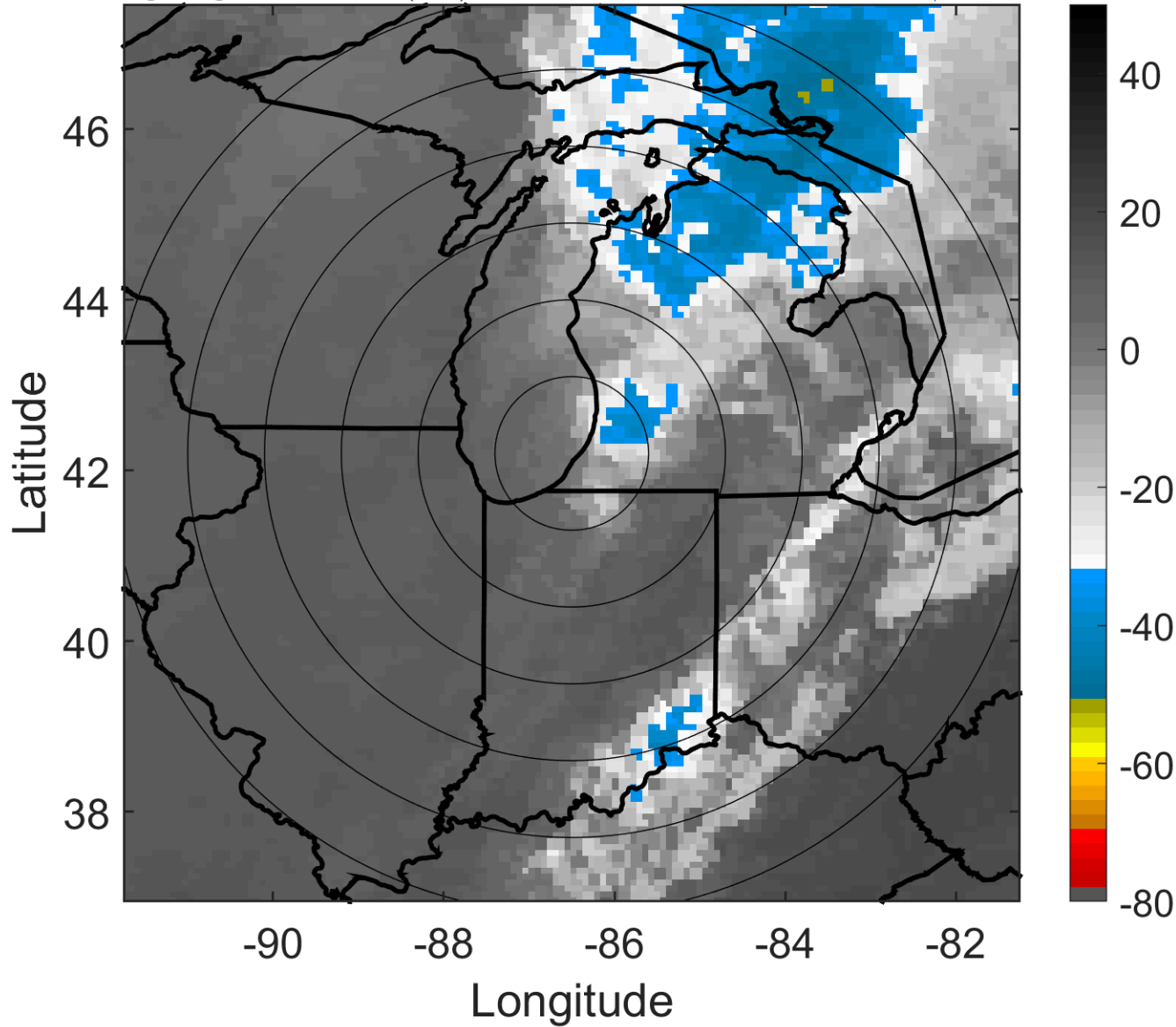
t: 2008090506 (0.2 LT)

Lightning: 0.2 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

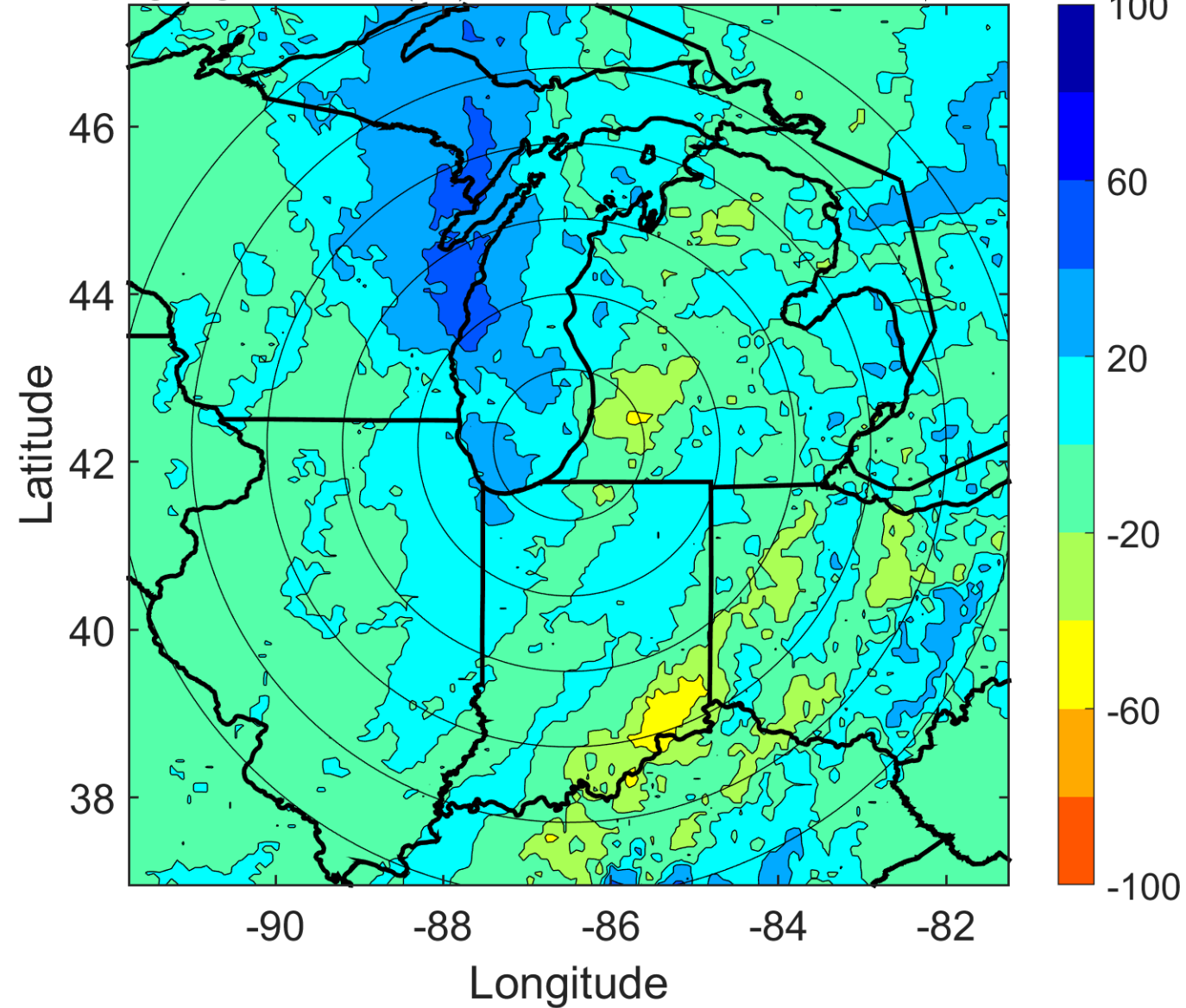
$\Delta$ t: 2008090506 (0.2 LT) - 2008090500 (18.1 LT)

Lightning: 0.2 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### IR BT & Lightning

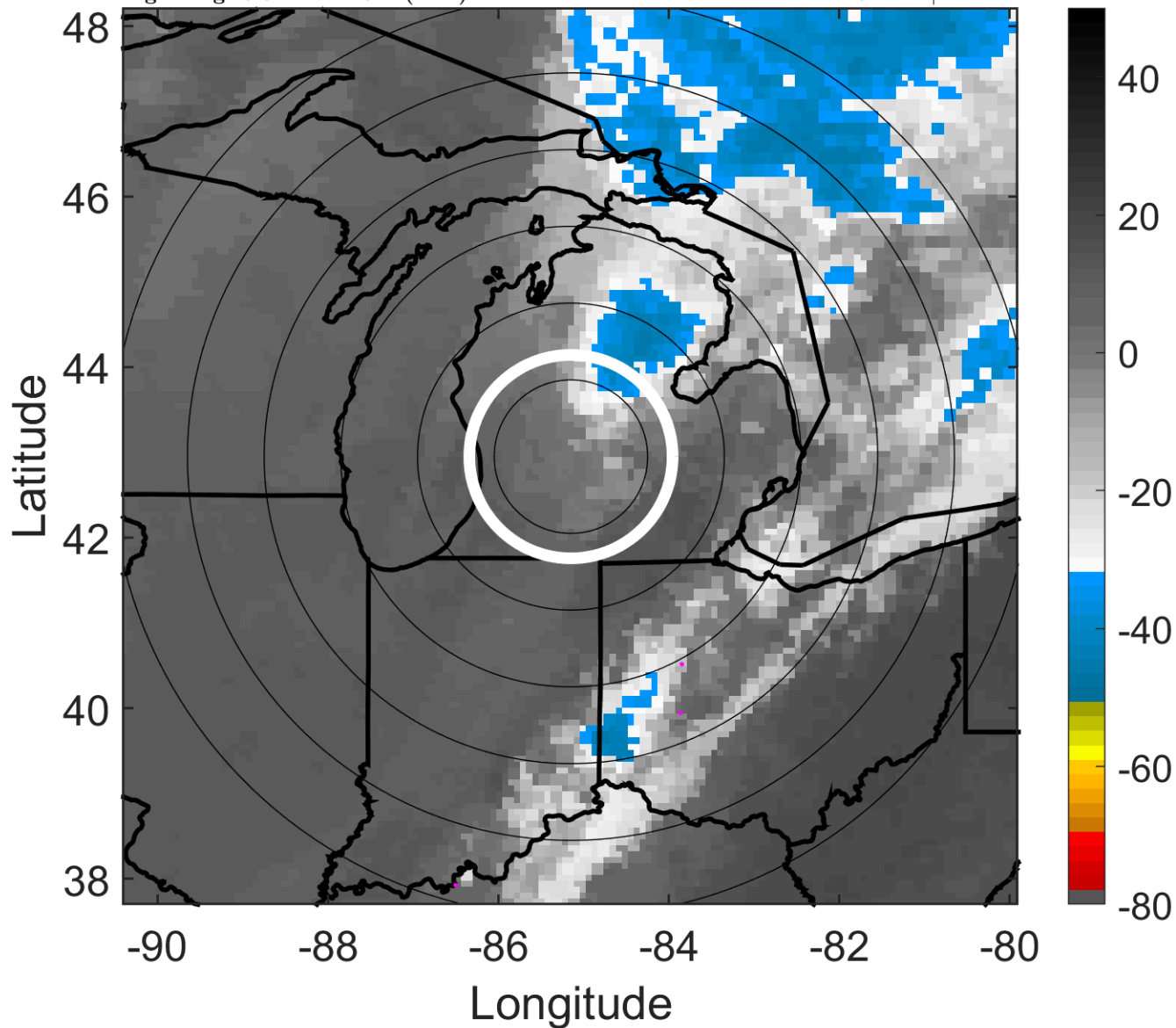
t: 2008090509 (3.3 LT)

Lightning: 3.3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

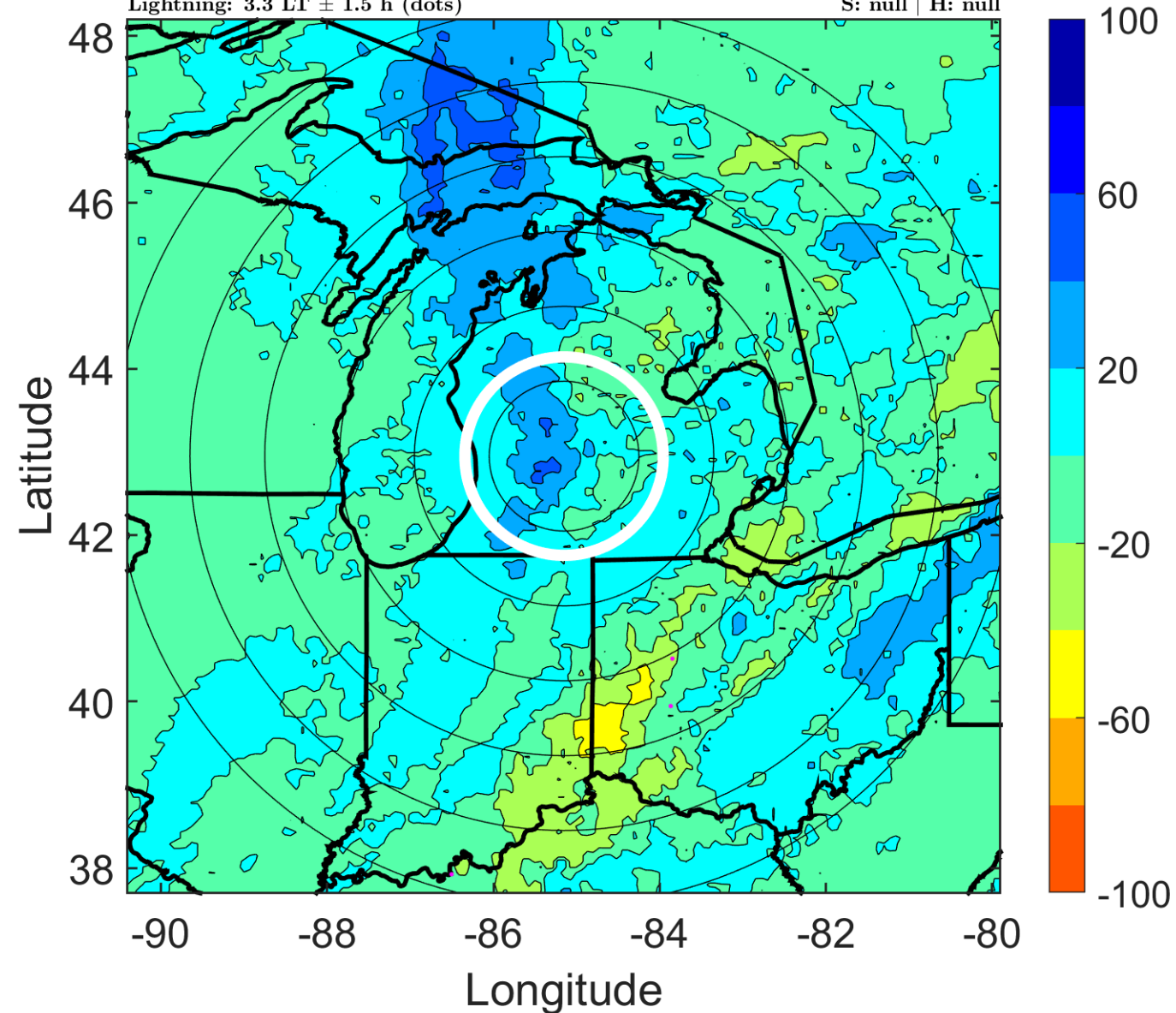
$\Delta$ t: 2008090509 (3.3 LT) - 2008090503 (21.2 LT)

Lightning: 3.3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null





### IR BT & Lightning

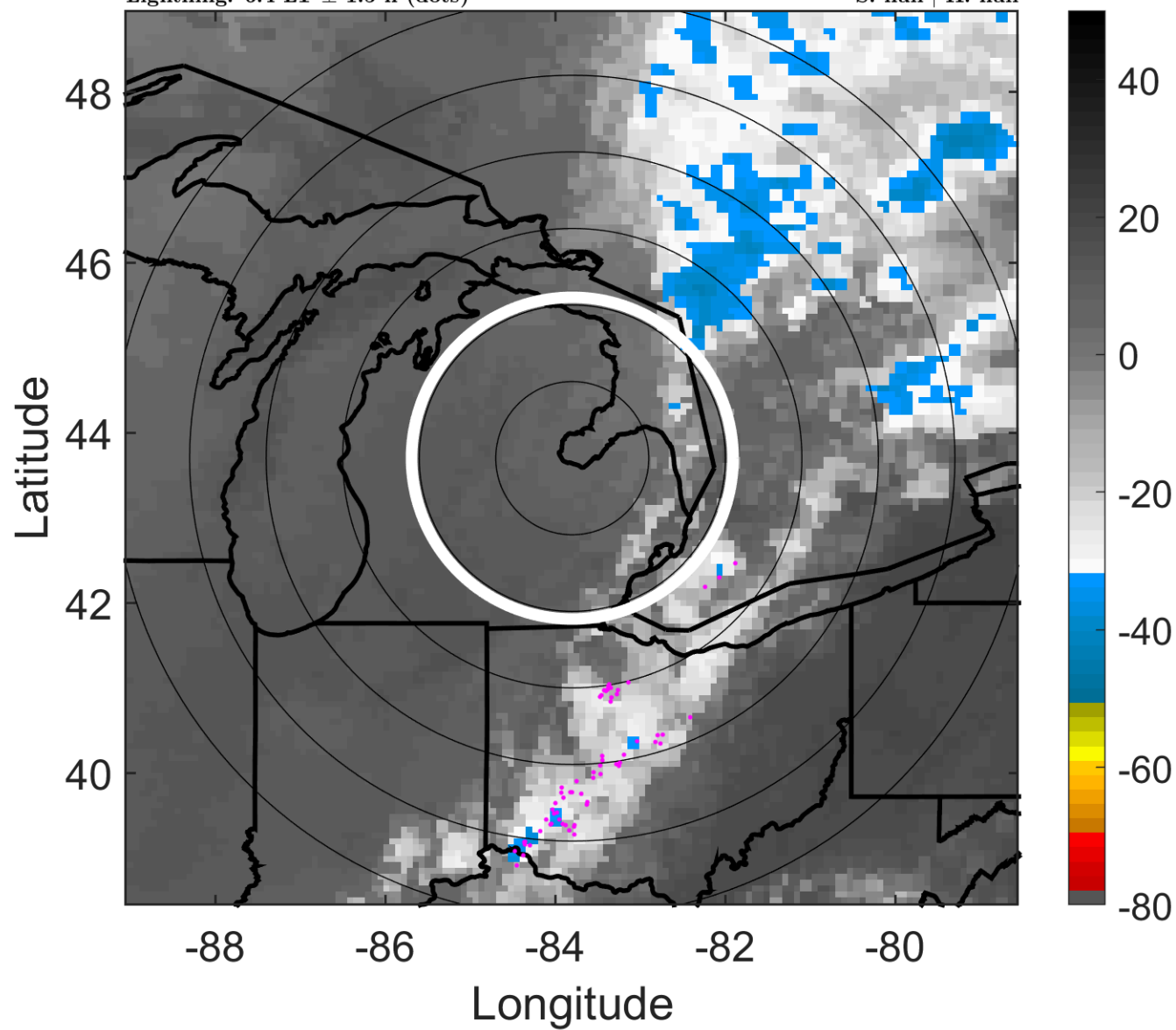
t: 2008090512 (6.4 LT)

Lightning: 6.4 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

$\Delta$ t: 2008090512 (6.4 LT) - 2008090506 (0.2 LT)

Lightning: 6.4 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

07L (GUSTAV) | 20 kt EX

S: null | H: null

