



### IR BT & Lightning

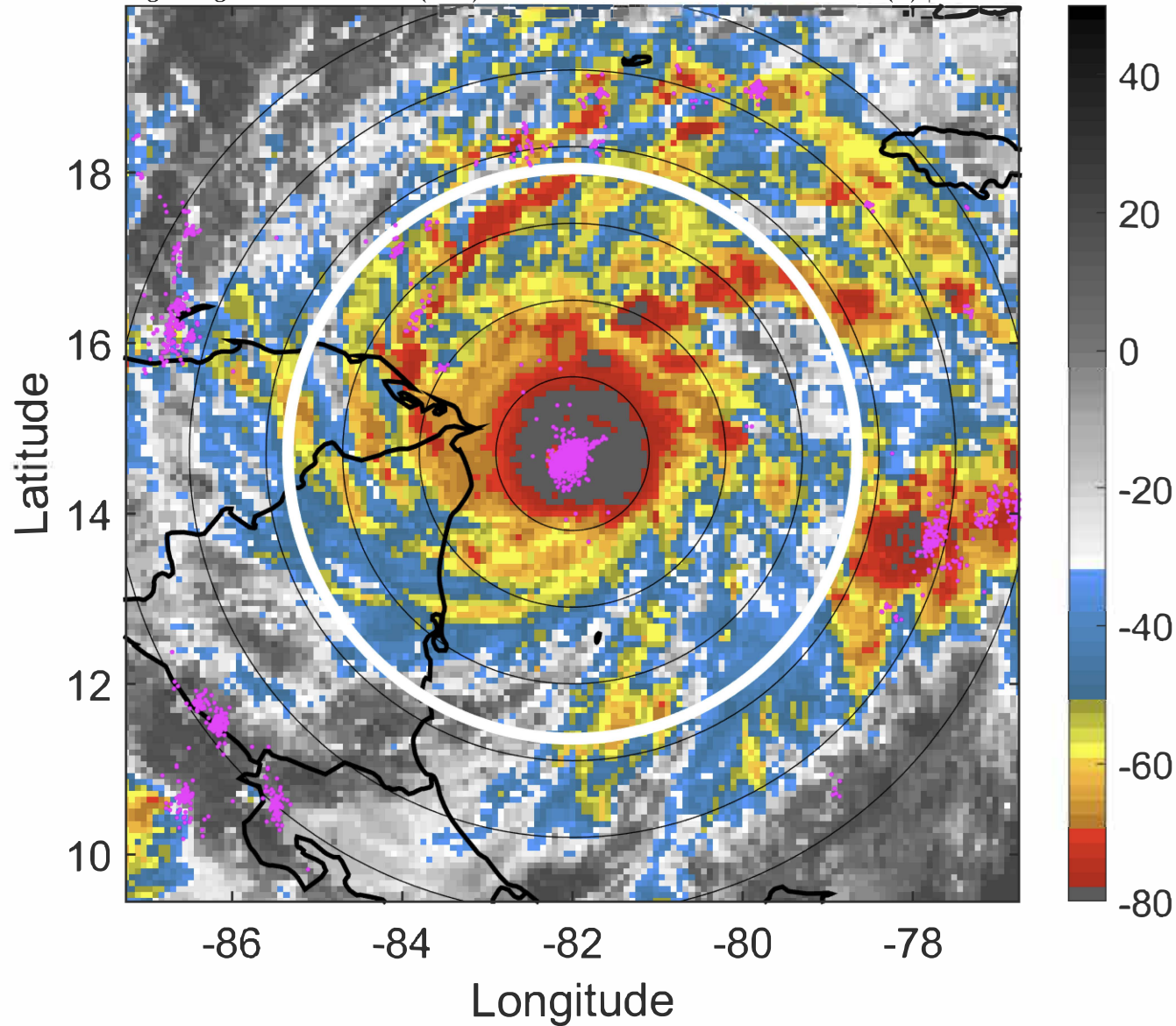
t: 2020110218 (12.5 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 115 kt C4

S: 2.8 m s<sup>-1</sup> (L) | H: 315°



### 6-h IR BT Differences & Lightning

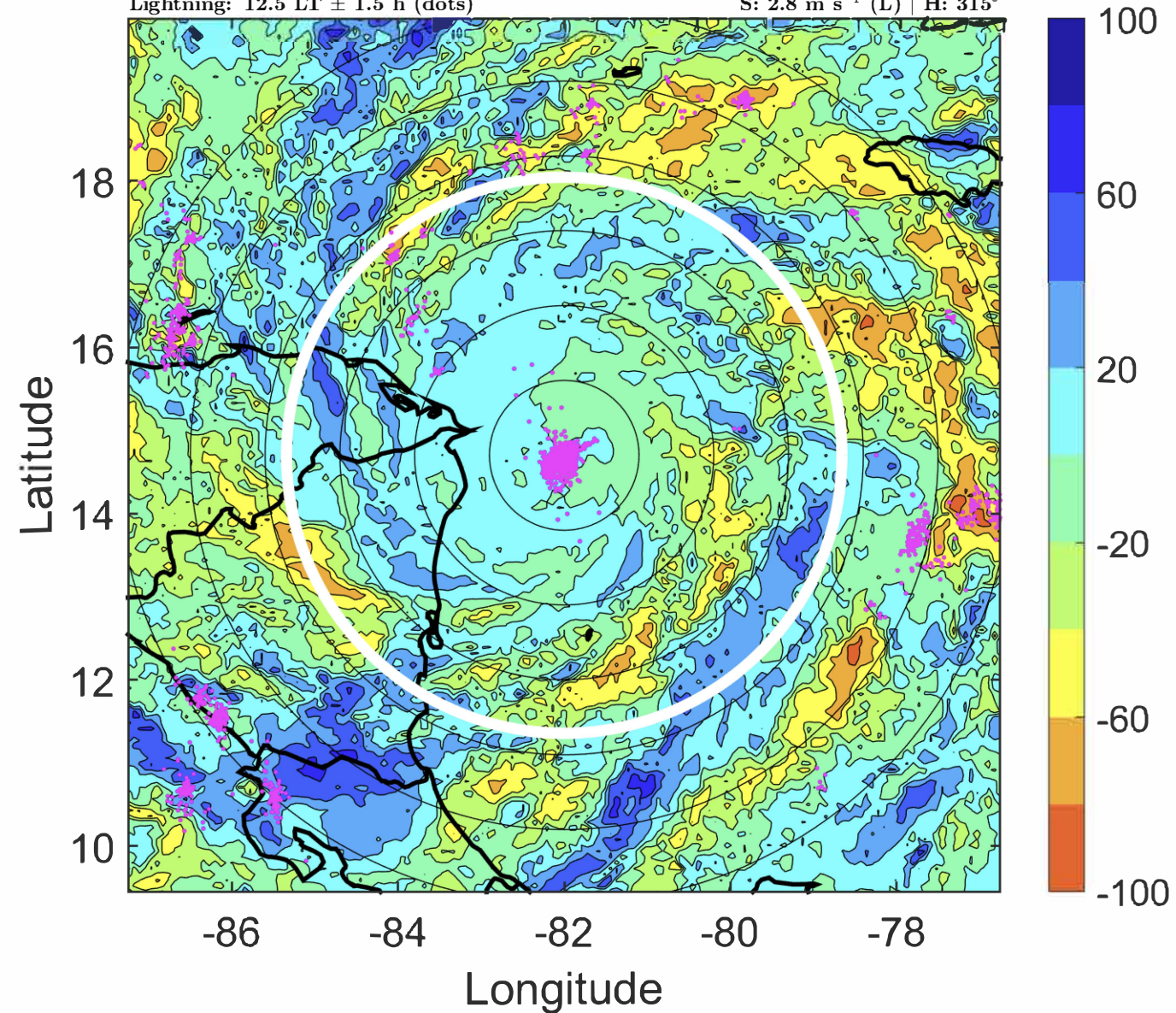
$\Delta$ t: 2020110218 (12.5 LT) - 2020110212 (6.6 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 115 kt C4

S: 2.8 m s<sup>-1</sup> (L) | H: 315°





# IR BT & Lightning

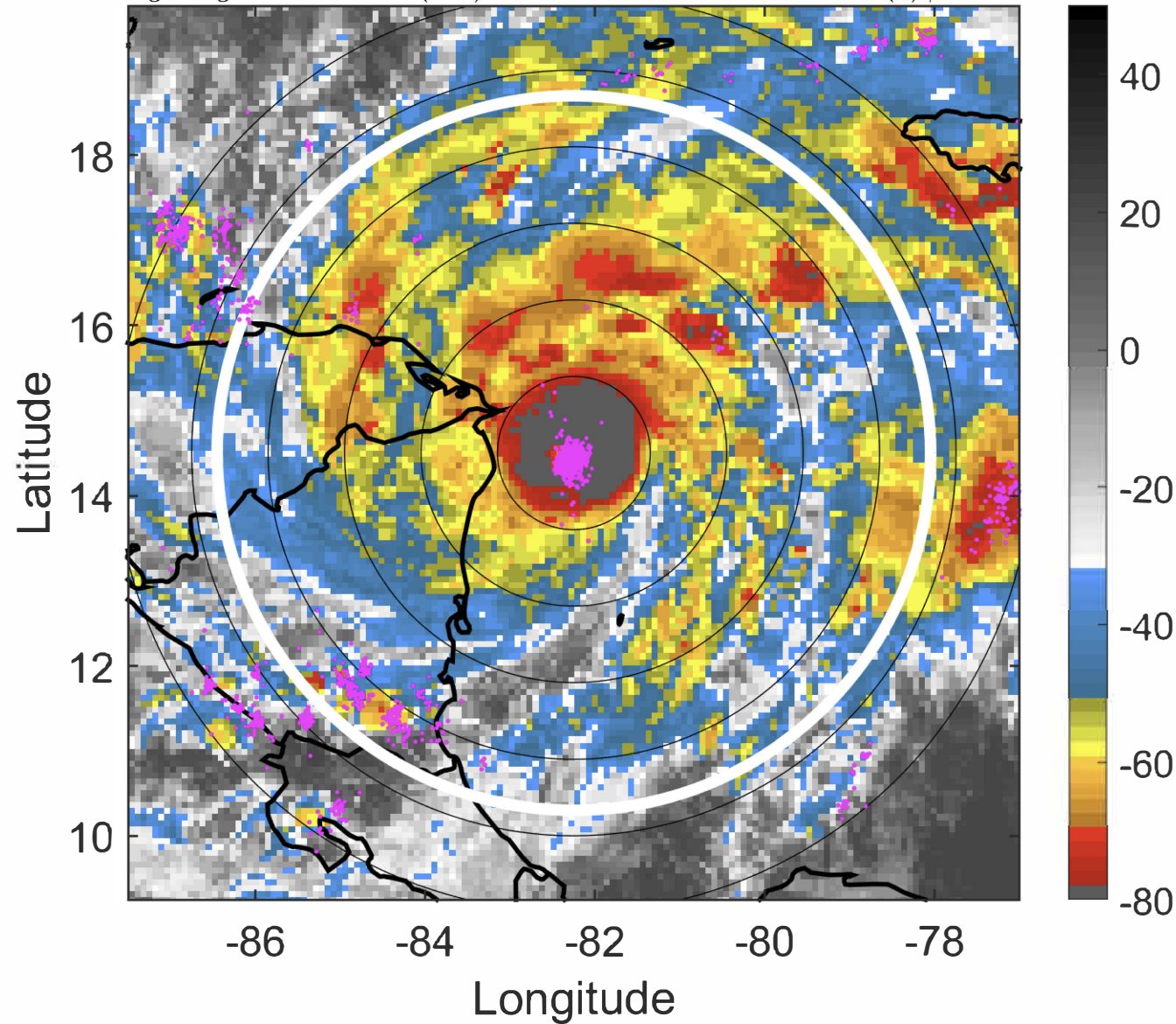
t: 2020110221 (15.5 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 122.5 kt C4

S: 3.2 m s<sup>-1</sup> (L) | H: 308°



# 6-h IR BT Differences & Lightning

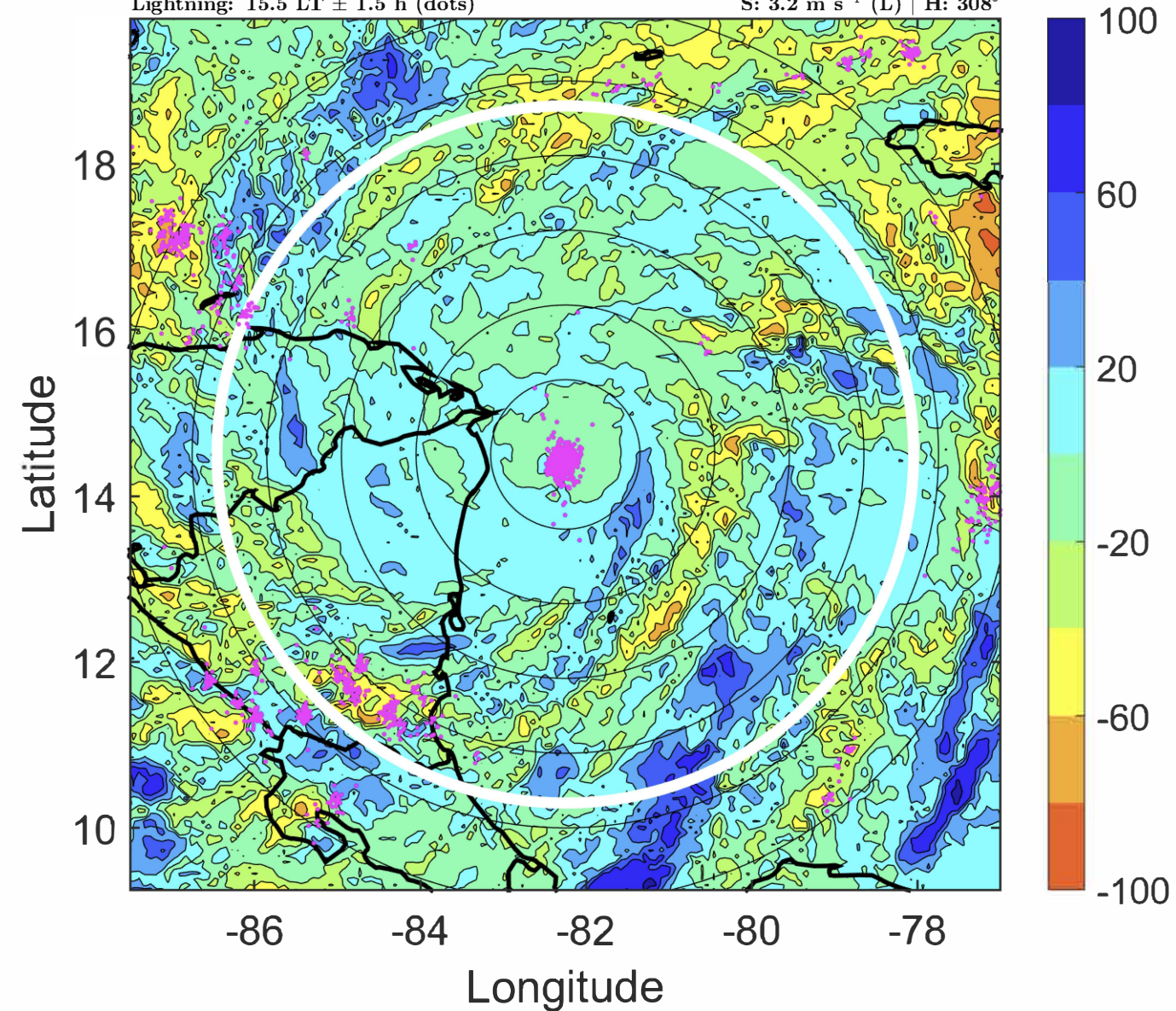
$\Delta$ t: 2020110221 (15.5 LT) - 2020110215 (9.6 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 122.5 kt C4

S: 3.2 m s<sup>-1</sup> (L) | H: 308°





# IR BT & Lightning

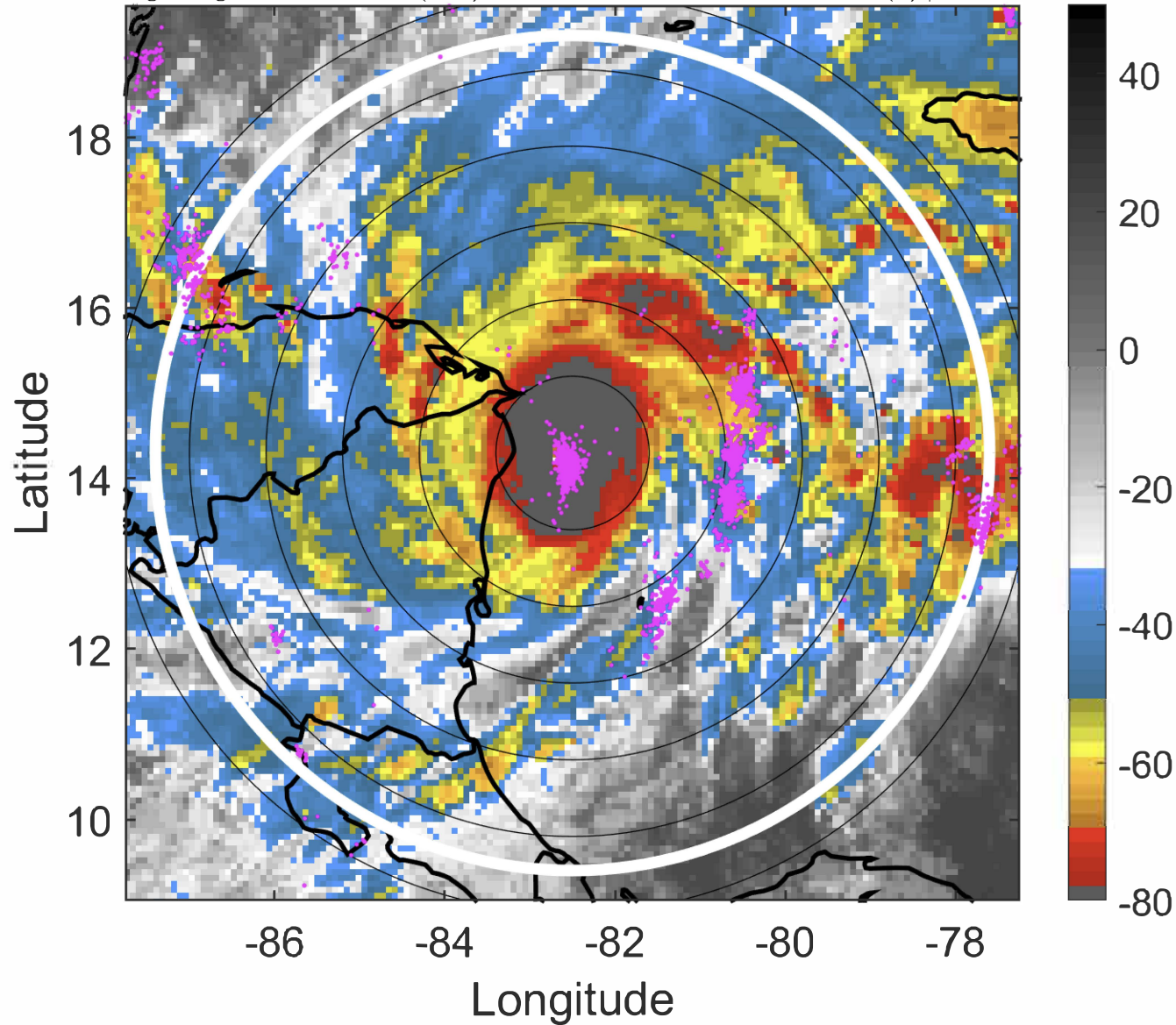
t: 2020110300 (18.5 LT)

Lightning: 18.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 130 kt C4

S: 3.6 m s<sup>-1</sup> (L) | H: 301°



# 6-h IR BT Differences & Lightning

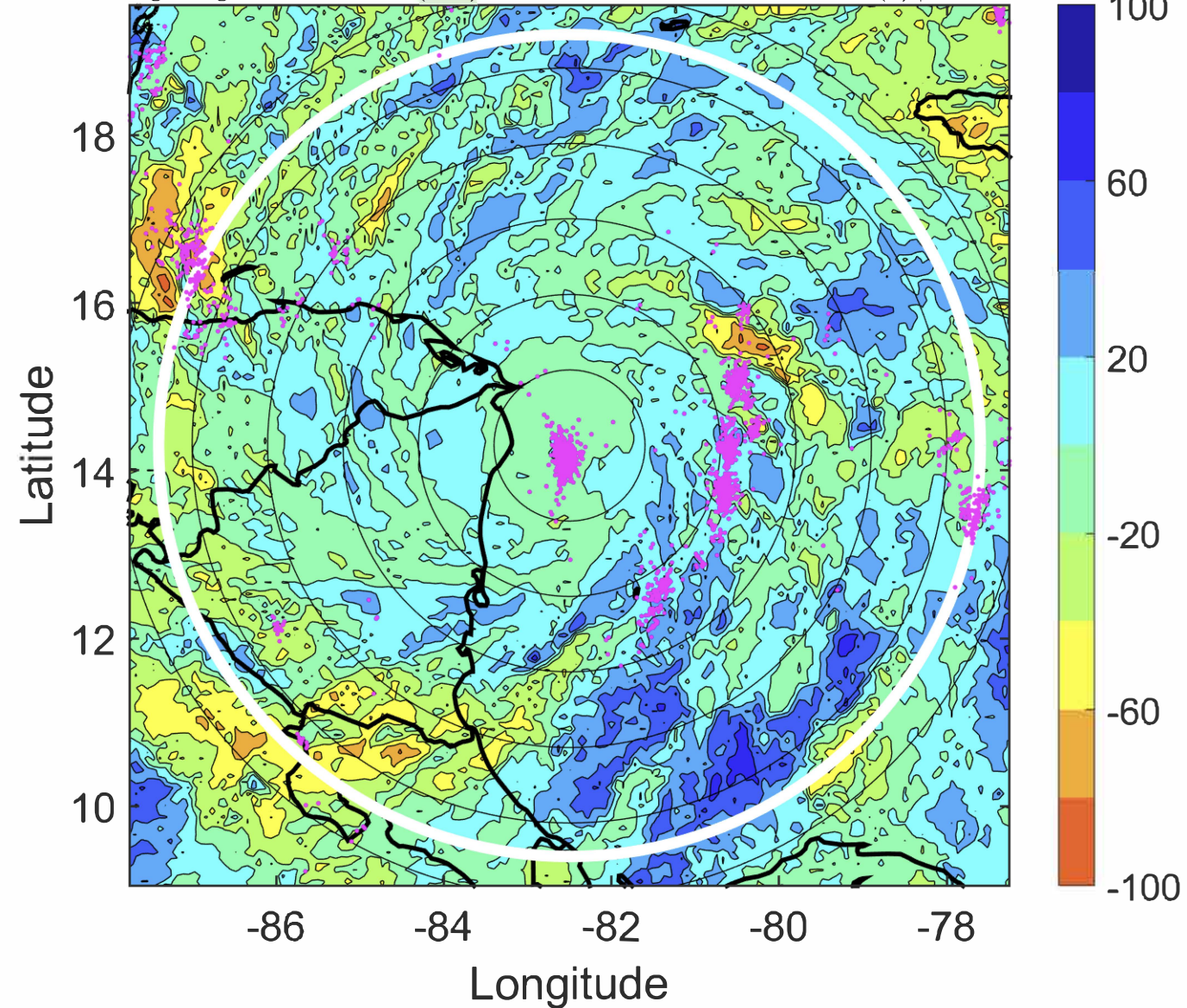
$\Delta$ t: 2020110300 (18.5 LT) - 2020110218 (12.5 LT)

Lightning: 18.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 130 kt C4

S: 3.6 m s<sup>-1</sup> (L) | H: 301°





### IR BT & Lightning

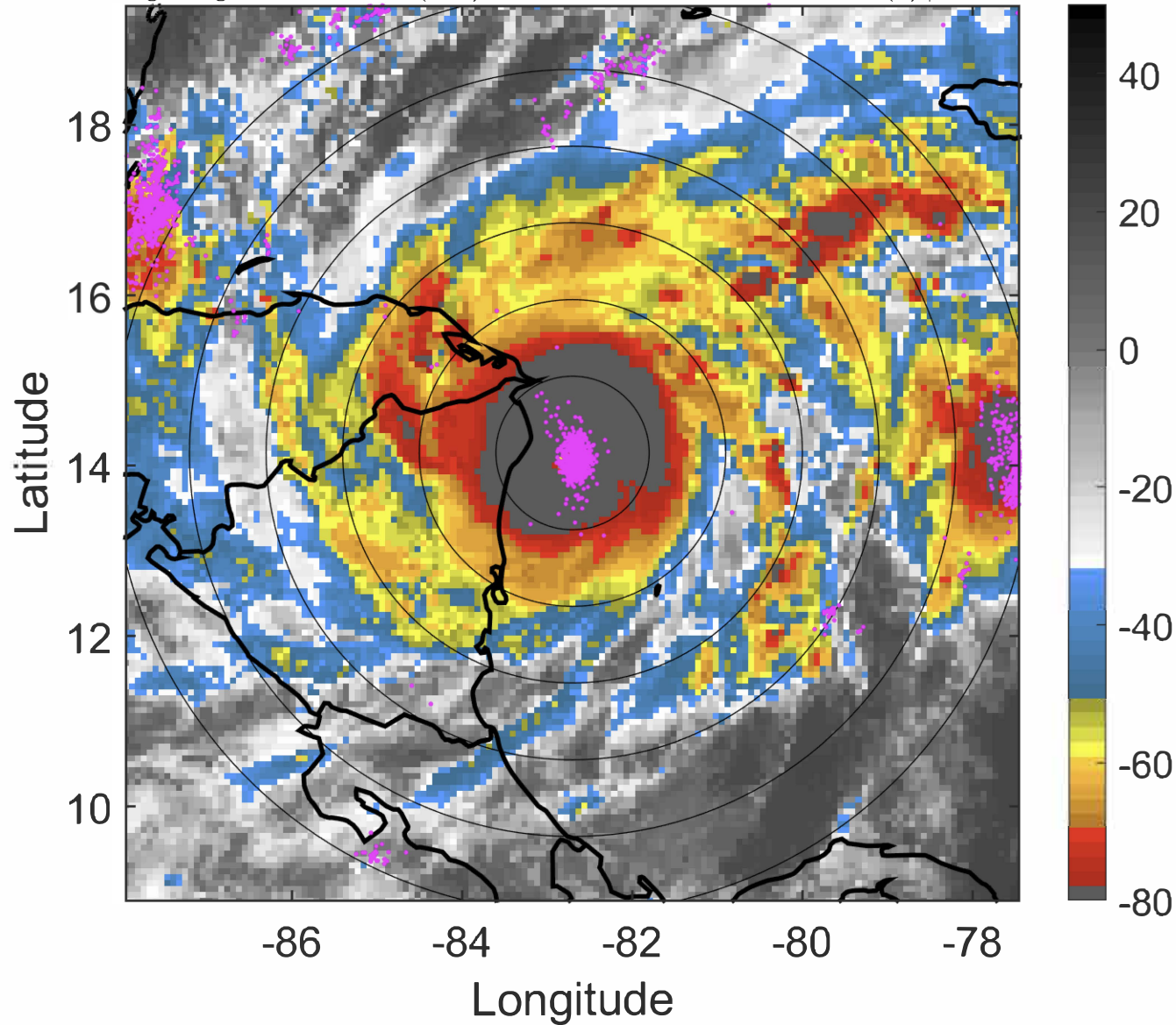
t: 2020110303 (21.5 LT)

Lightning: 21.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 130 kt C4

S: 3.2 m s<sup>-1</sup> (L) | H: 296°



### 6-h IR BT Differences & Lightning

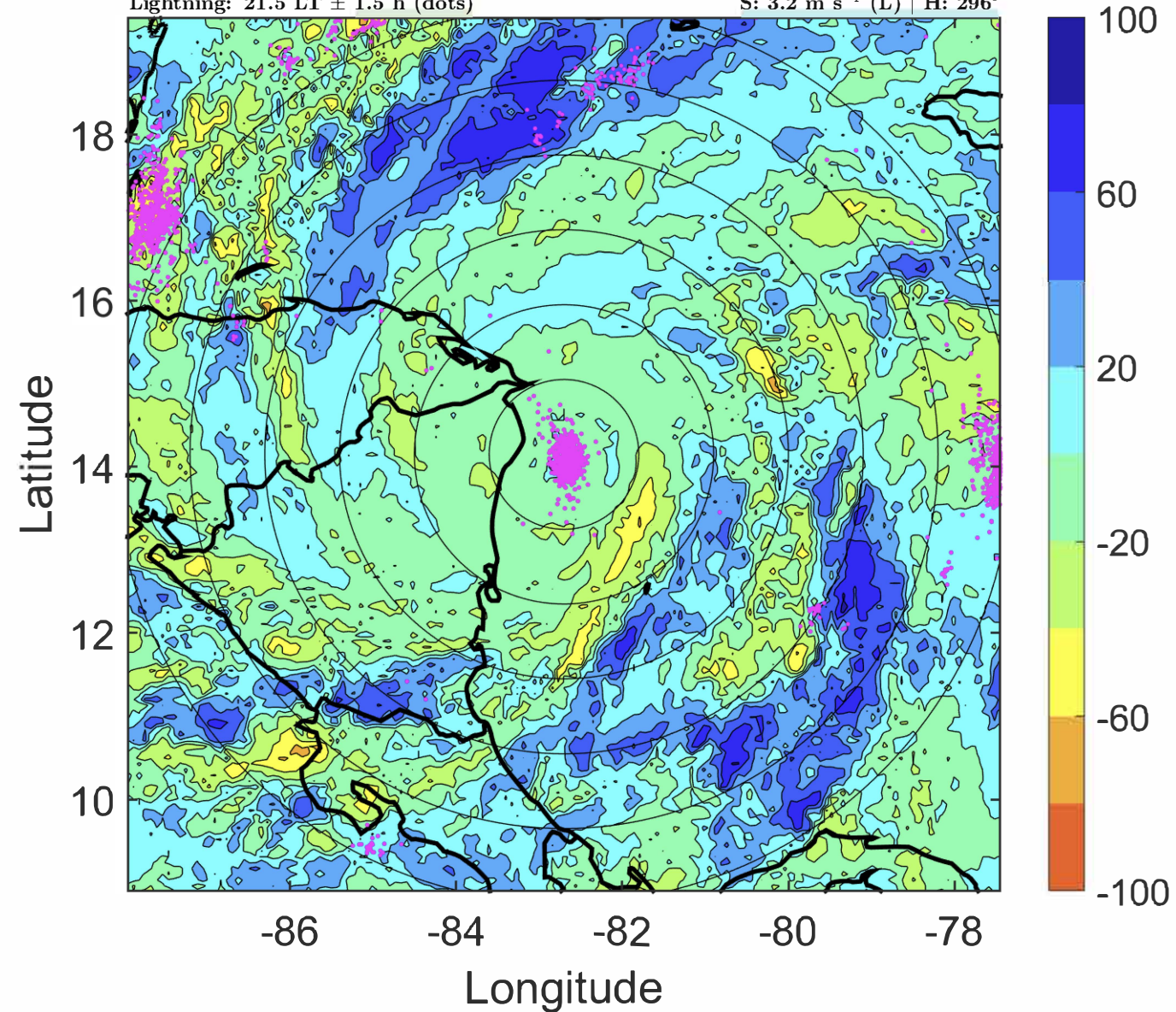
$\Delta$ t: 2020110303 (21.5 LT) - 2020110221 (15.5 LT)

Lightning: 21.5 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 130 kt C4

S: 3.2 m s<sup>-1</sup> (L) | H: 296°





### IR BT & Lightning

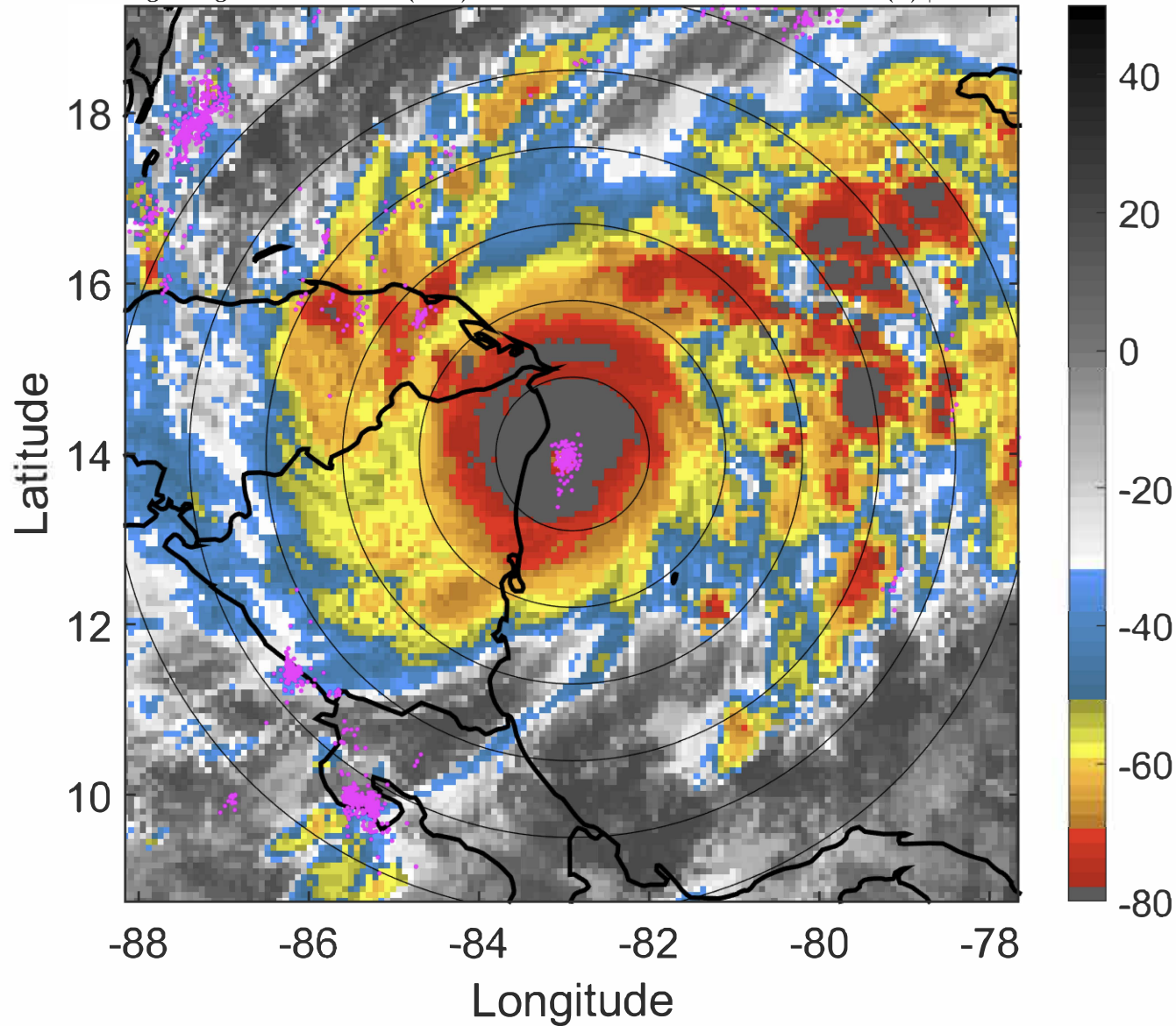
t: 2020110306 (0.5 LT)

Lightning: 0.5 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 130 kt C4

S: 2.8 m s<sup>-1</sup> (L) | H: 291°



### 6-h IR BT Differences & Lightning

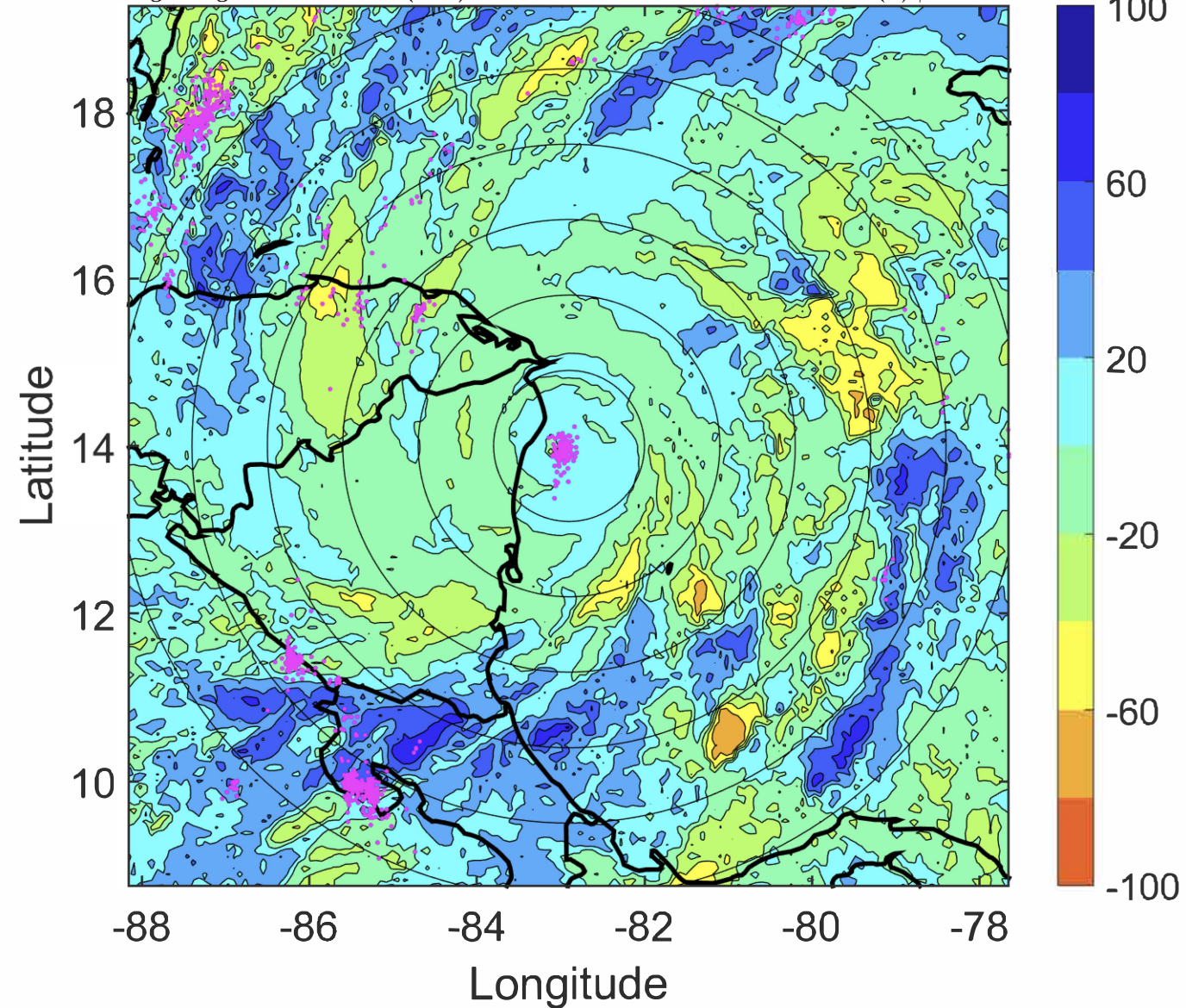
$\Delta$ t: 2020110306 (0.5 LT) - 2020110300 (18.5 LT)

Lightning: 0.5 LT  $\pm$  1.5 h (dots)

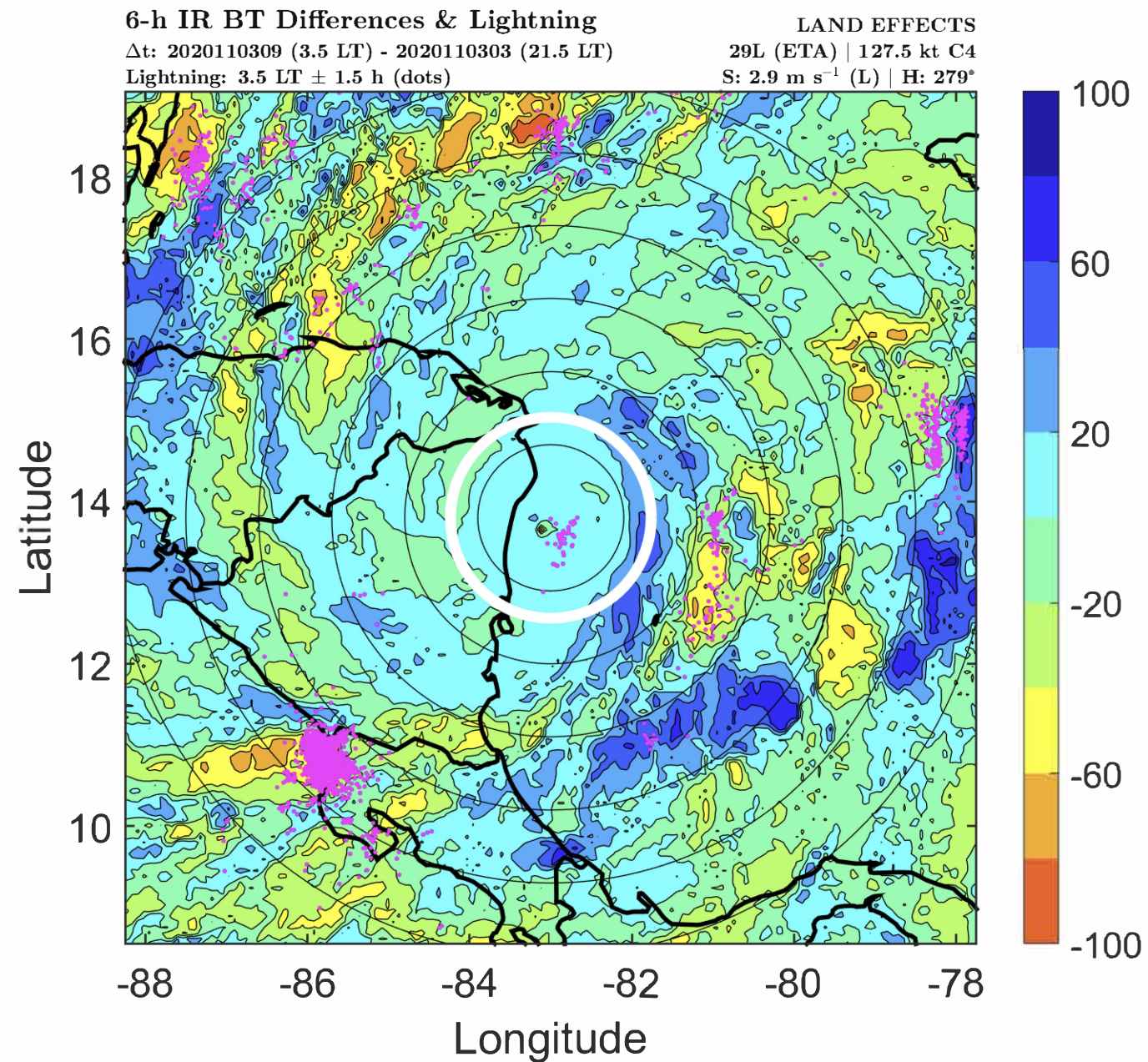
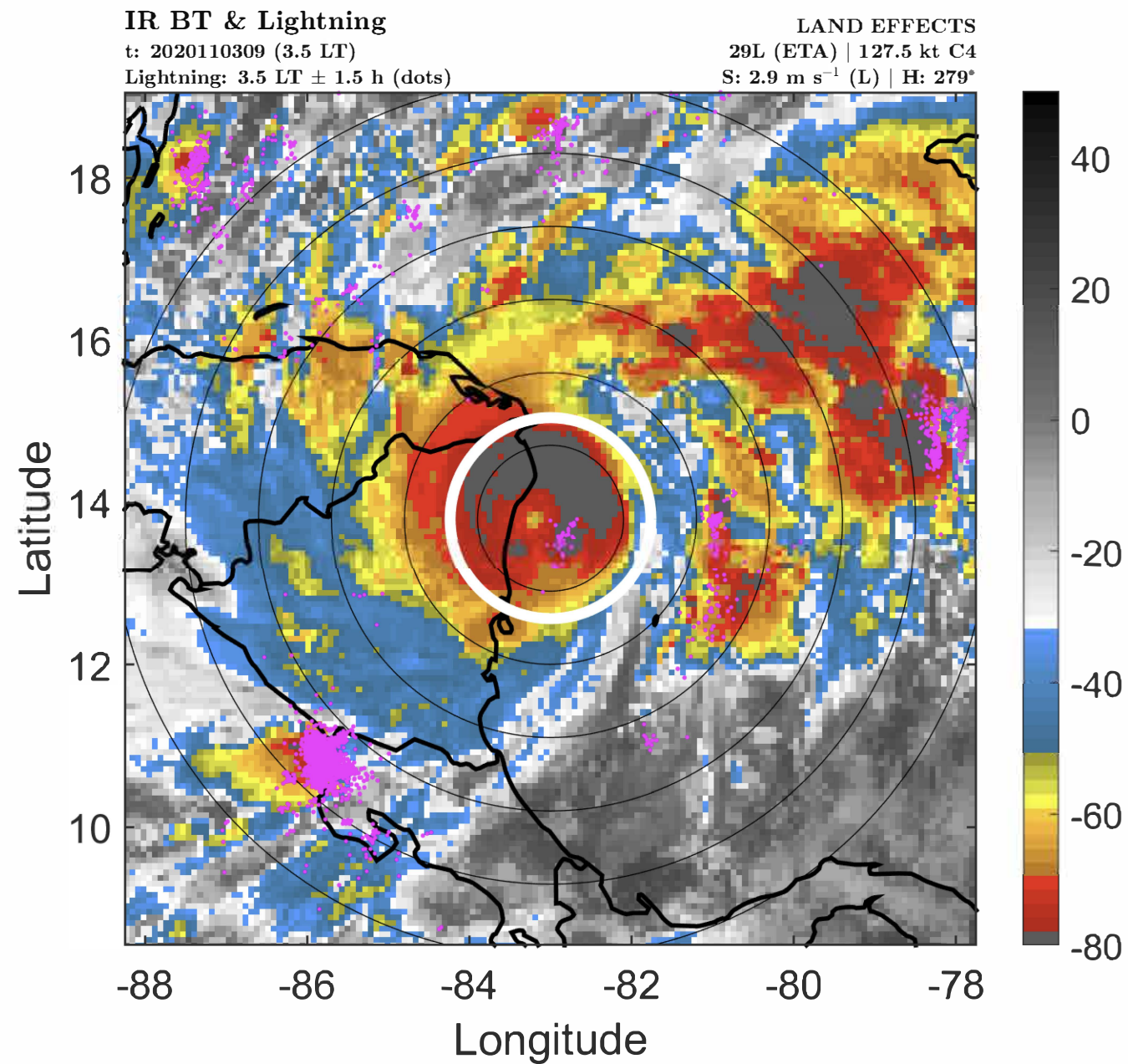
### LAND EFFECTS

29L (ETA) | 130 kt C4

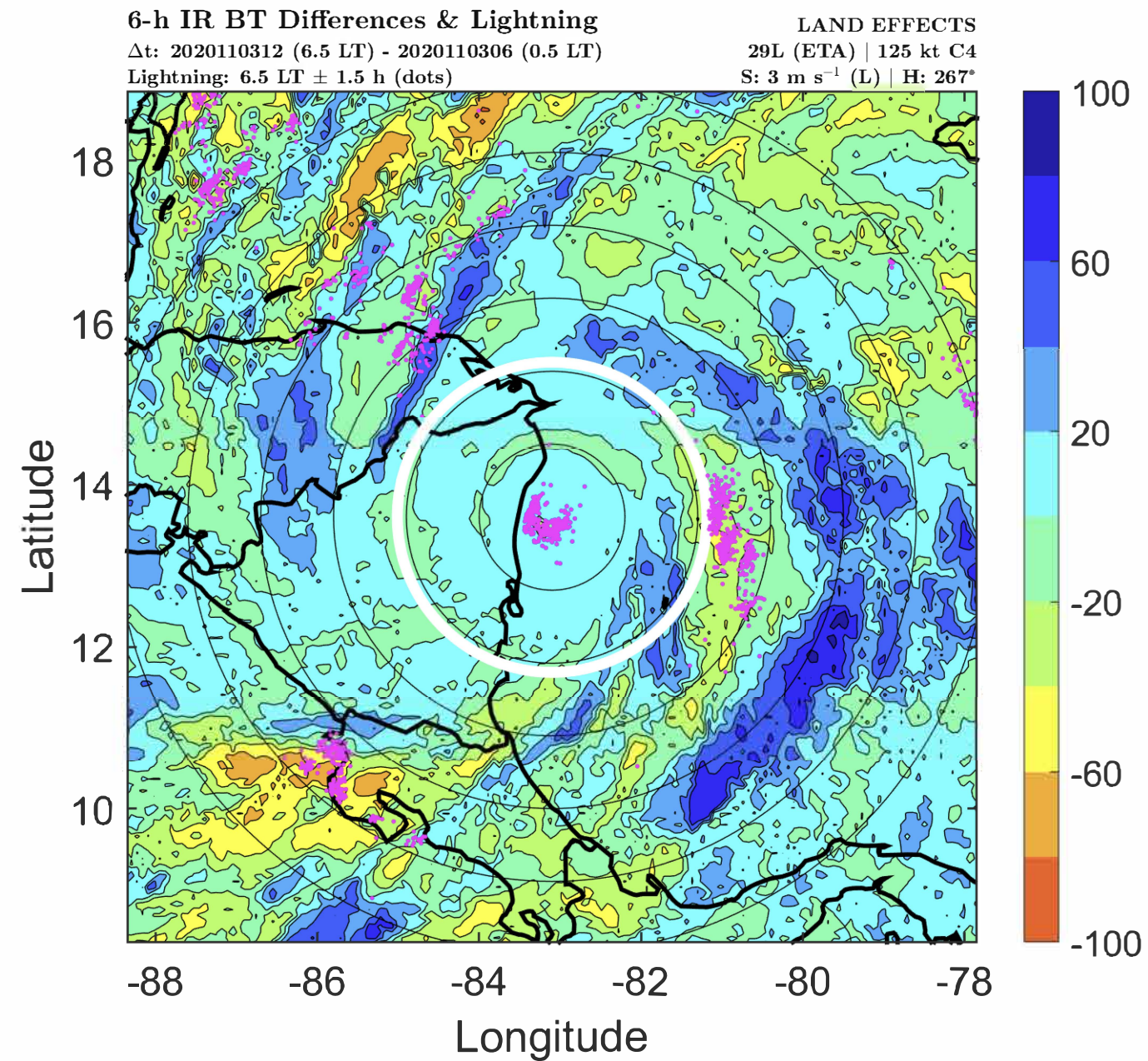
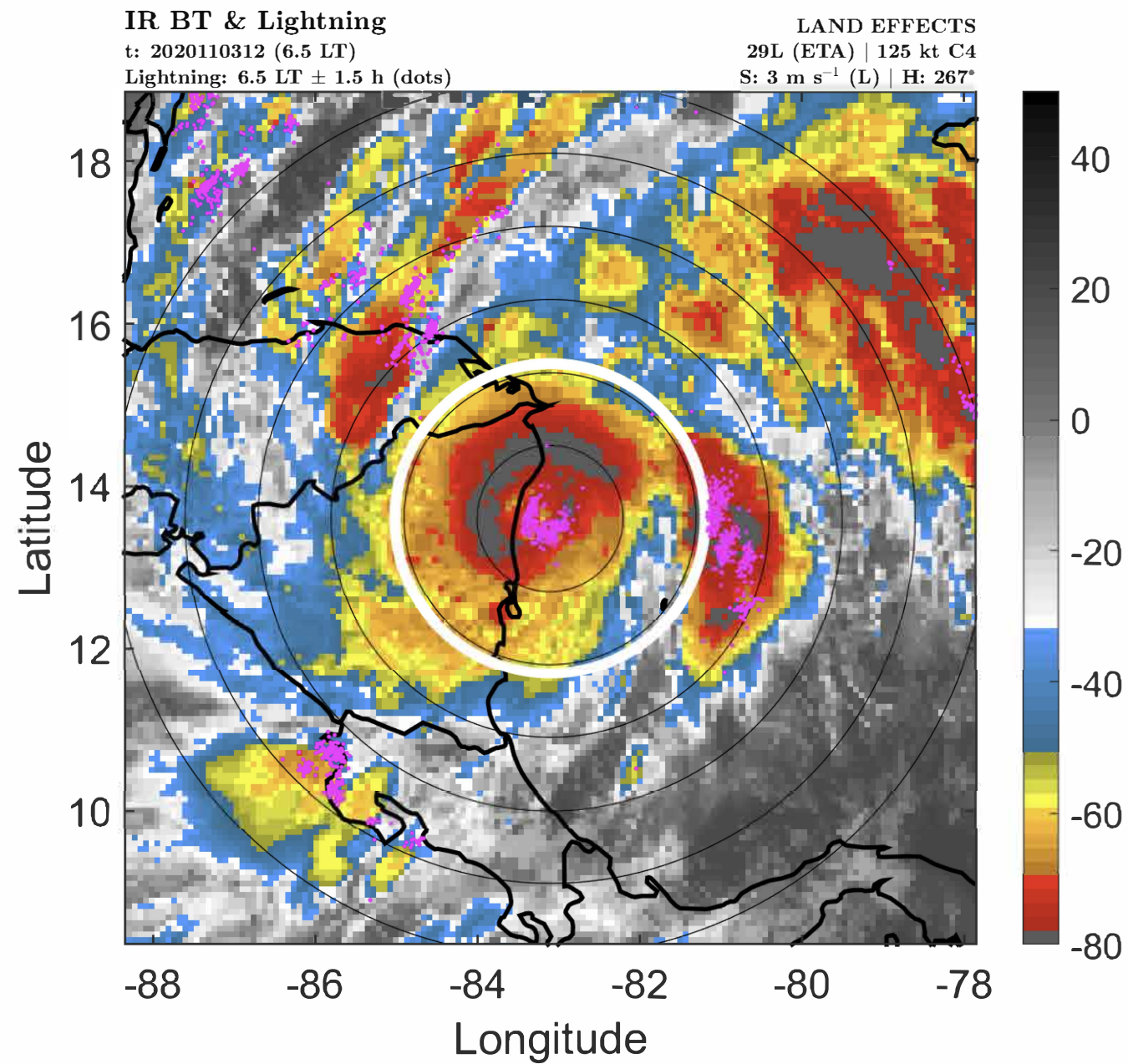
S: 2.8 m s<sup>-1</sup> (L) | H: 291°













### IR BT & Lightning

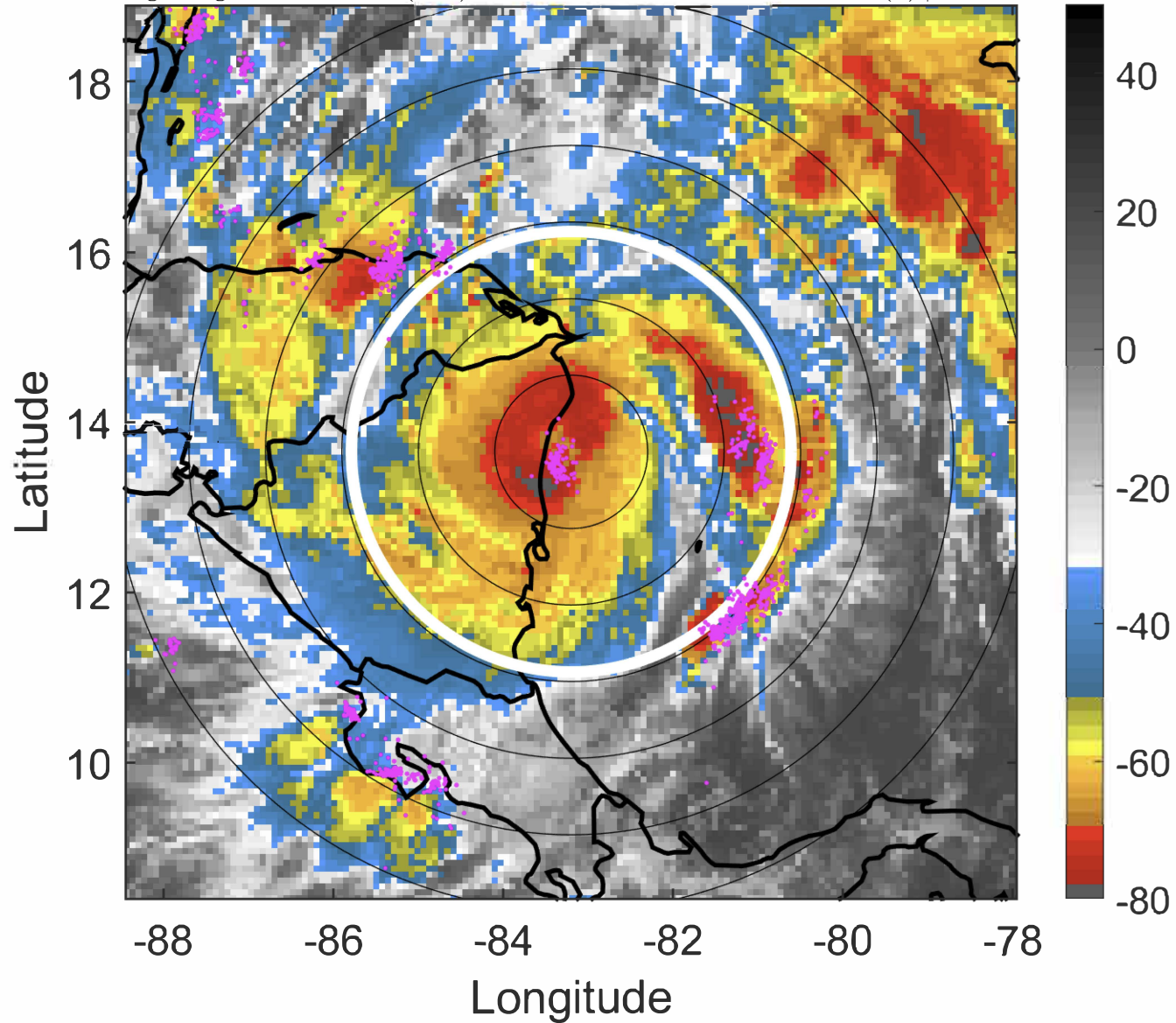
t: 2020110315 (9.5 LT)

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

### LAND EFFECTS

29L (ETA) | 122.5 kt C4

S: 3 m s<sup>-1</sup> (L) | H: 266°



### 6-h IR BT Differences & Lightning

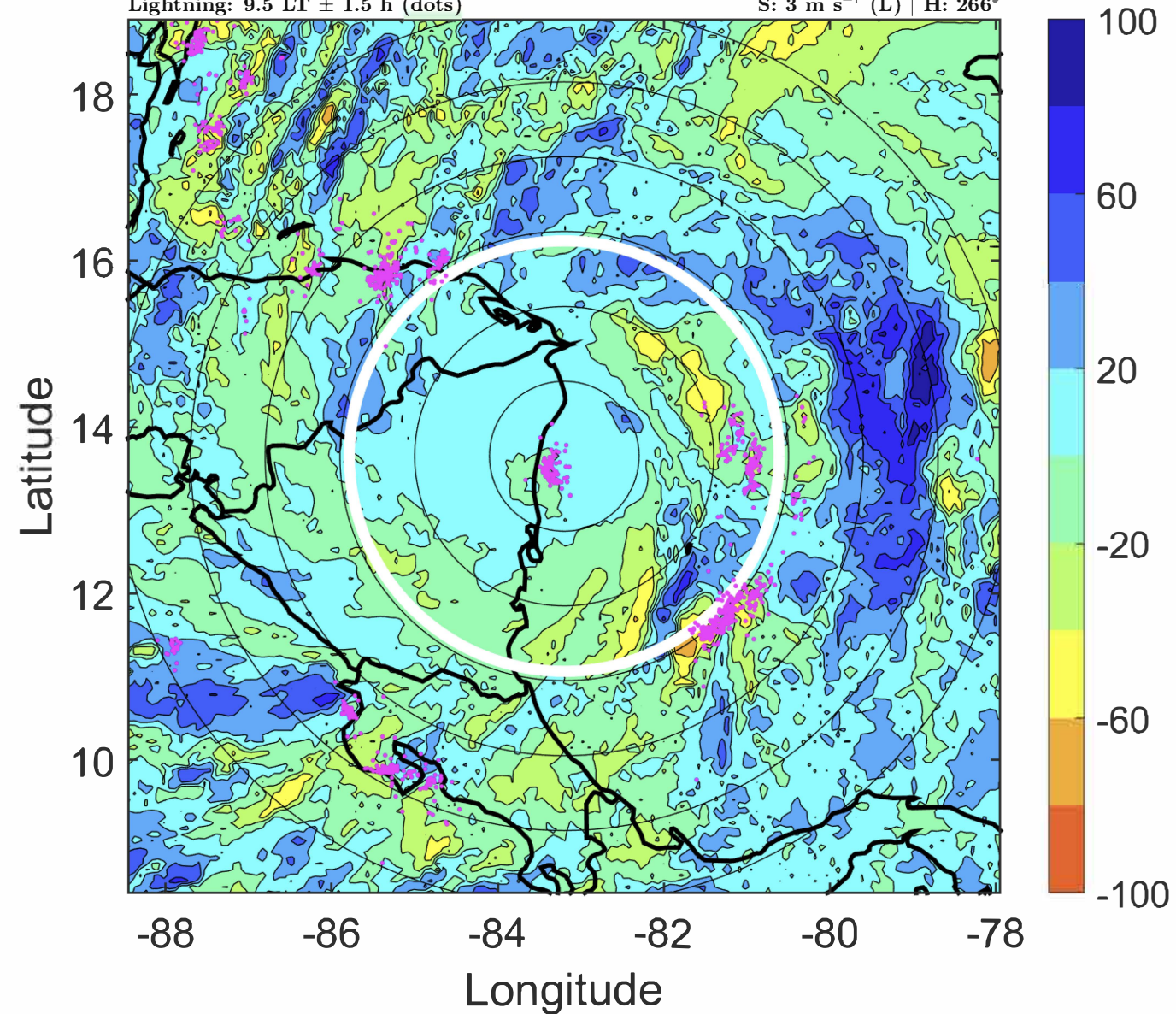
$\Delta$ t: 2020110315 (9.5 LT) - 2020110309 (3.5 LT)

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

### LAND EFFECTS

29L (ETA) | 122.5 kt C4

S: 3 m s<sup>-1</sup> (L) | H: 266°





### IR BT & Lightning

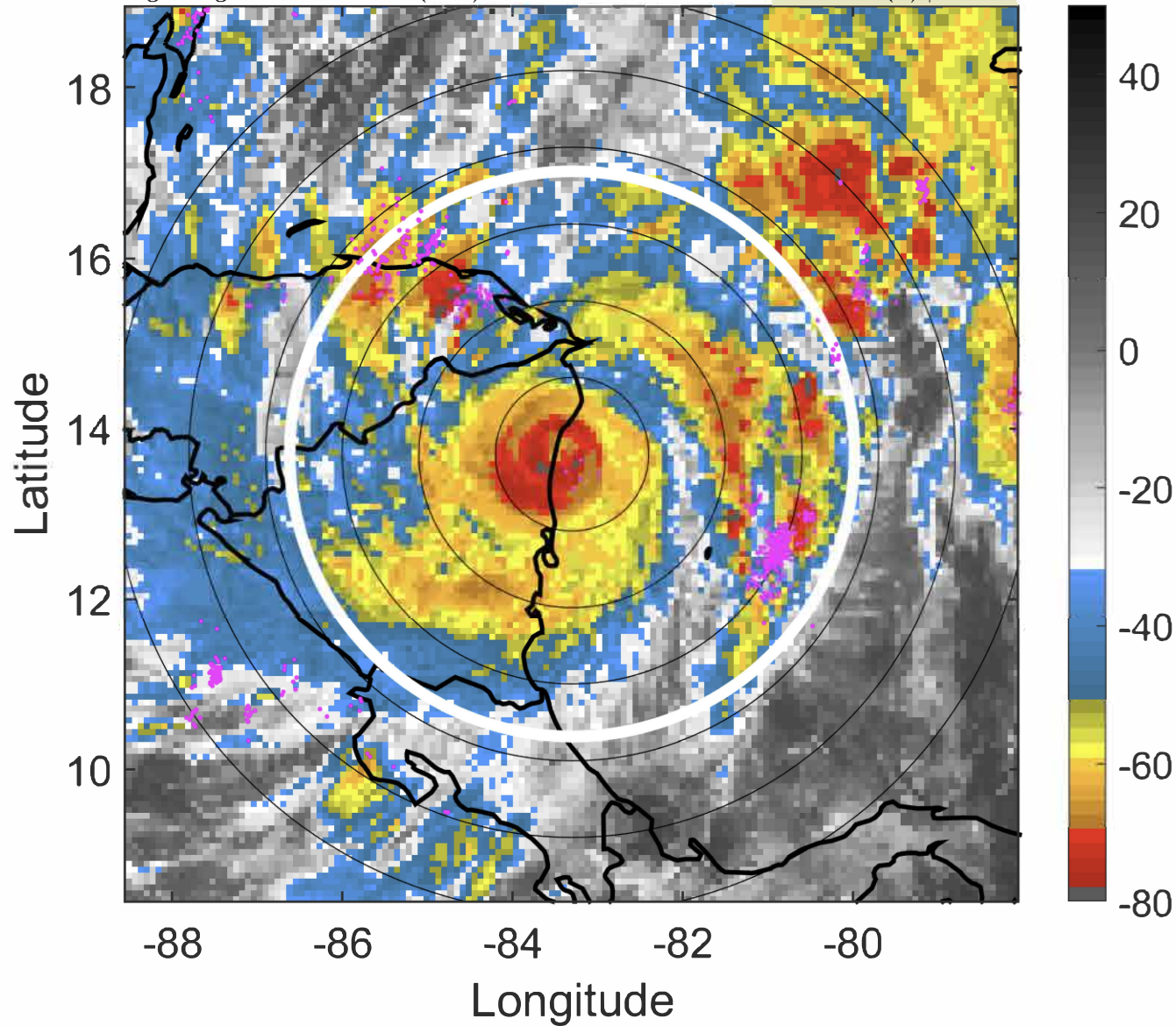
t: 2020110318 (12.4 LT)

Lightning: 12.4 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 120 kt C4

S: 3 m s<sup>-1</sup> (L) | H: 265°



### 6-h IR BT Differences & Lightning

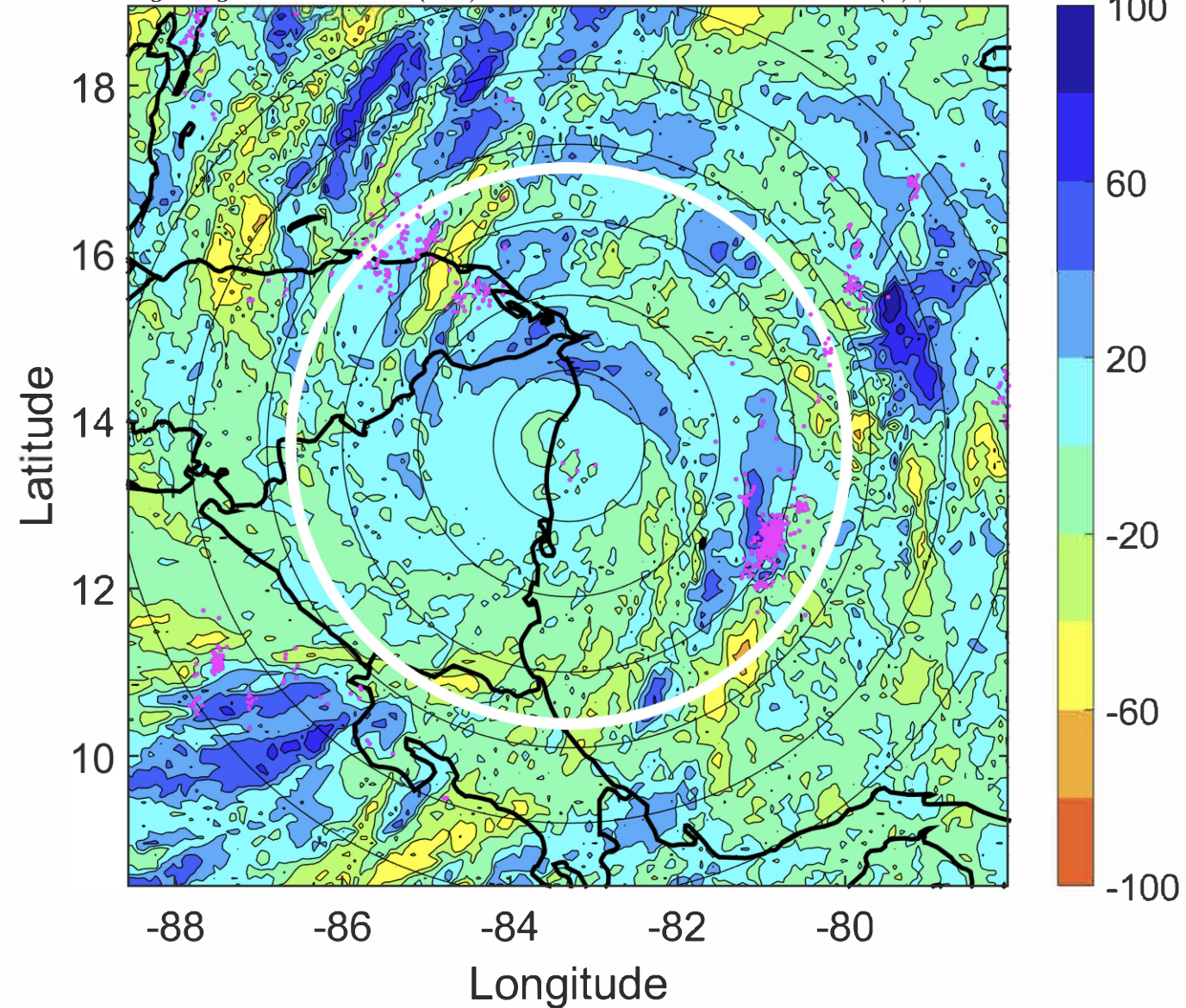
$\Delta$ t: 2020110318 (12.4 LT) - 2020110312 (6.5 LT)

Lightning: 12.4 LT  $\pm$  1.5 h (dots)

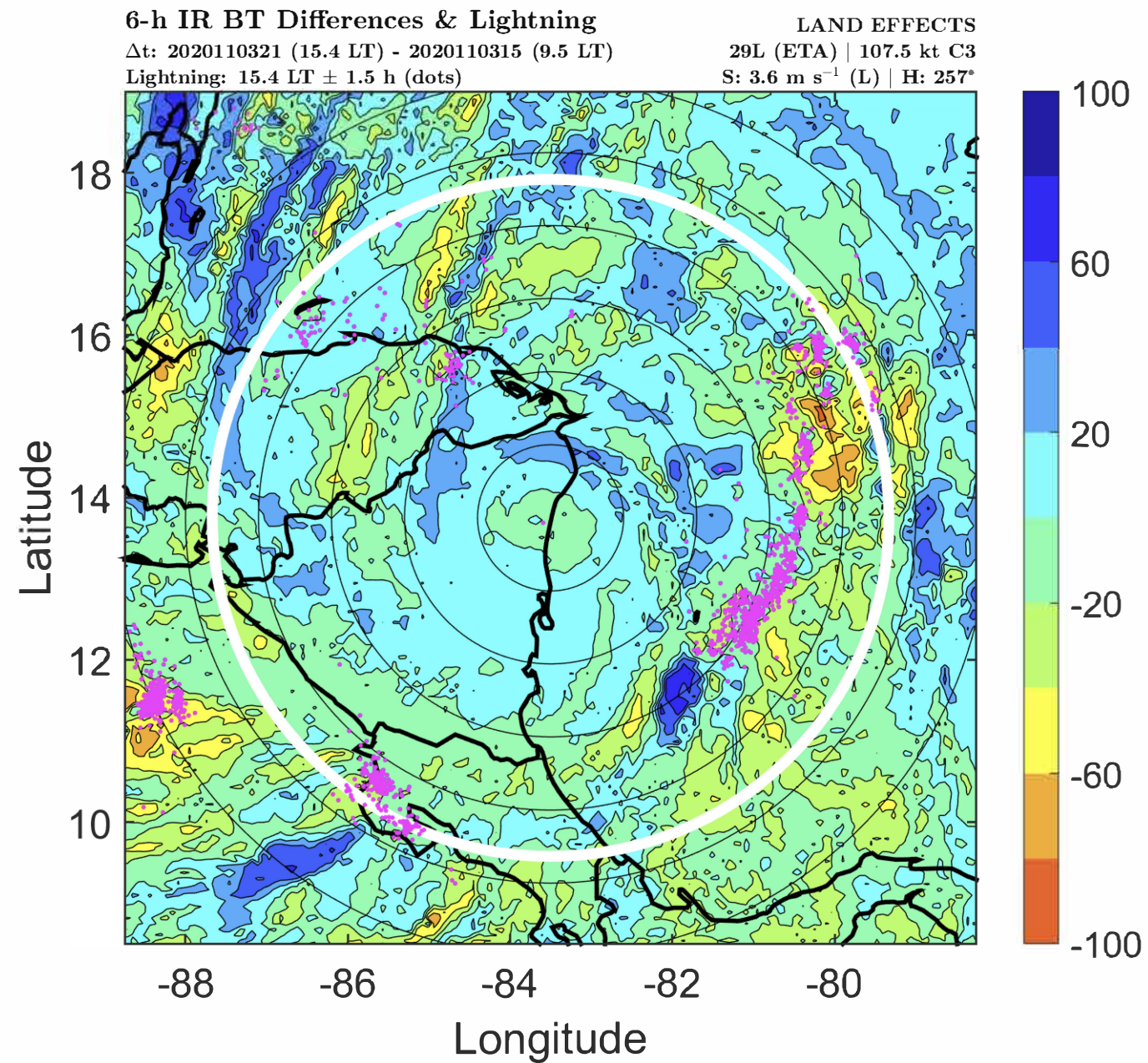
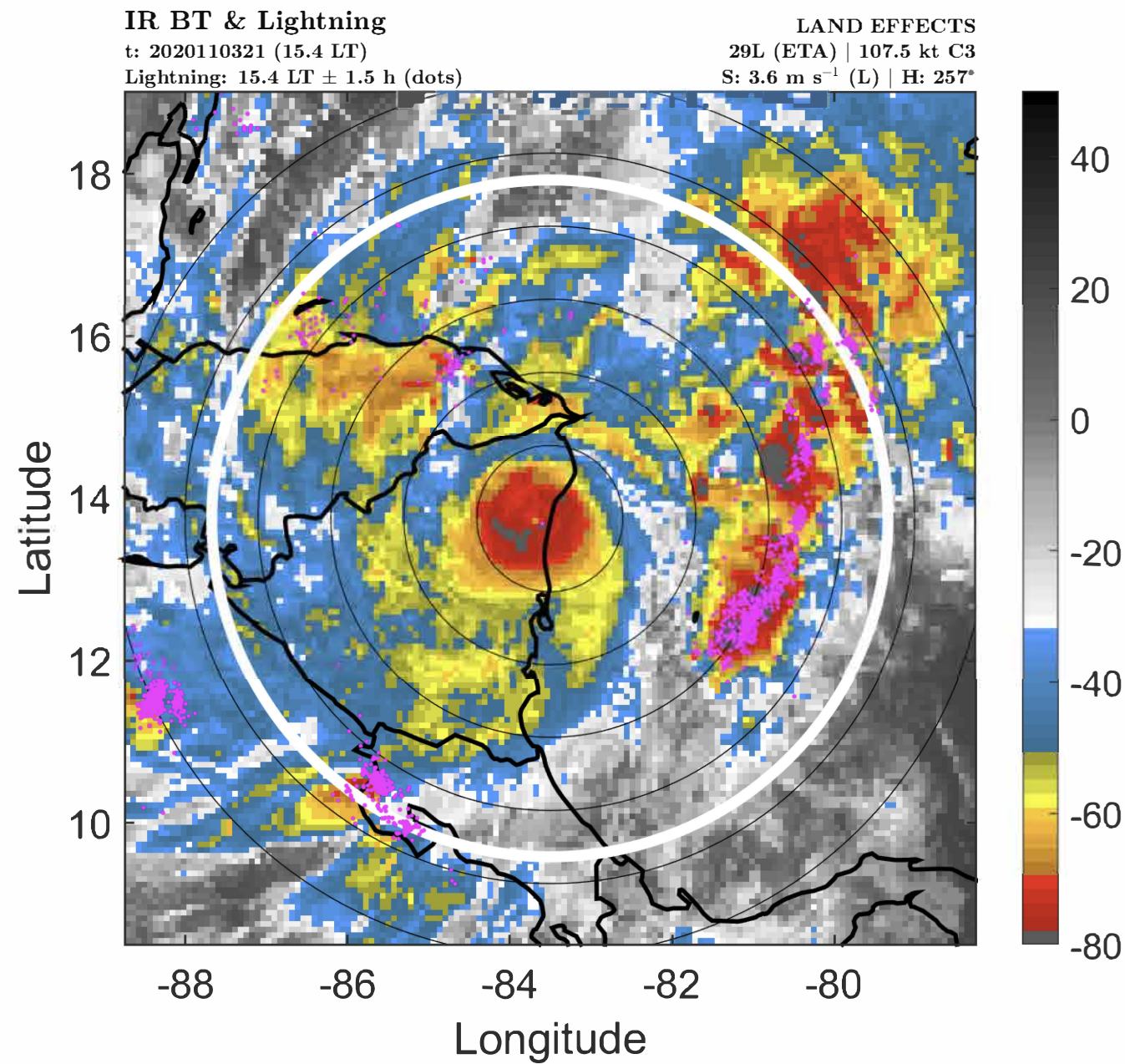
### LAND EFFECTS

29L (ETA) | 120 kt C4

S: 3 m s<sup>-1</sup> (L) | H: 265°









### IR BT & Lightning

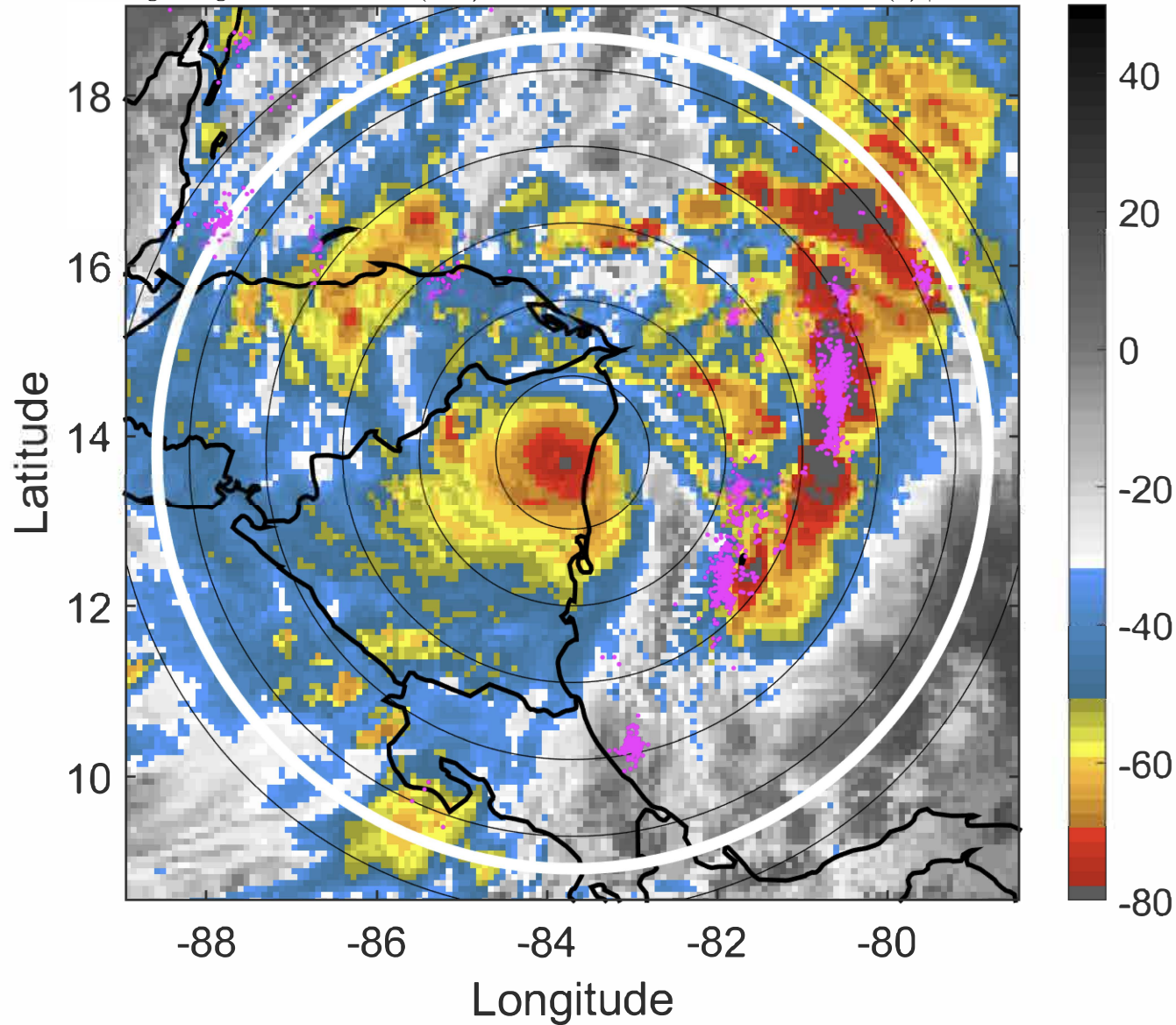
t: 2020110400 (18.4 LT)

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

### LAND EFFECTS

29L (ETA) | 95 kt C2

S: 4.2 m s<sup>-1</sup> (L) | H: 249°



### 6-h IR BT Differences & Lightning

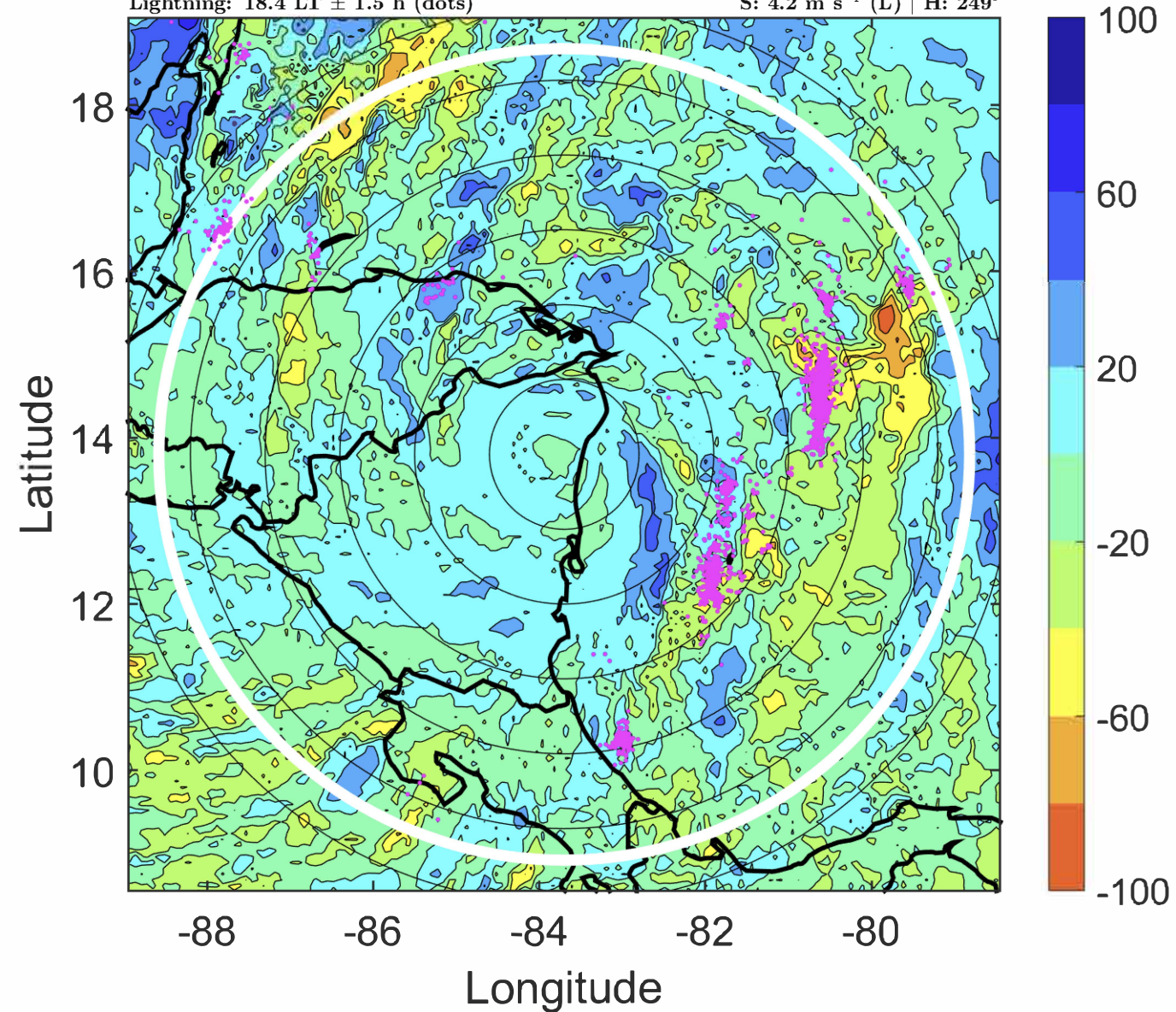
$\Delta$ t: 2020110400 (18.4 LT) - 2020110318 (12.4 LT)

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

### LAND EFFECTS

29L (ETA) | 95 kt C2

S: 4.2 m s<sup>-1</sup> (L) | H: 249°





### IR BT & Lightning

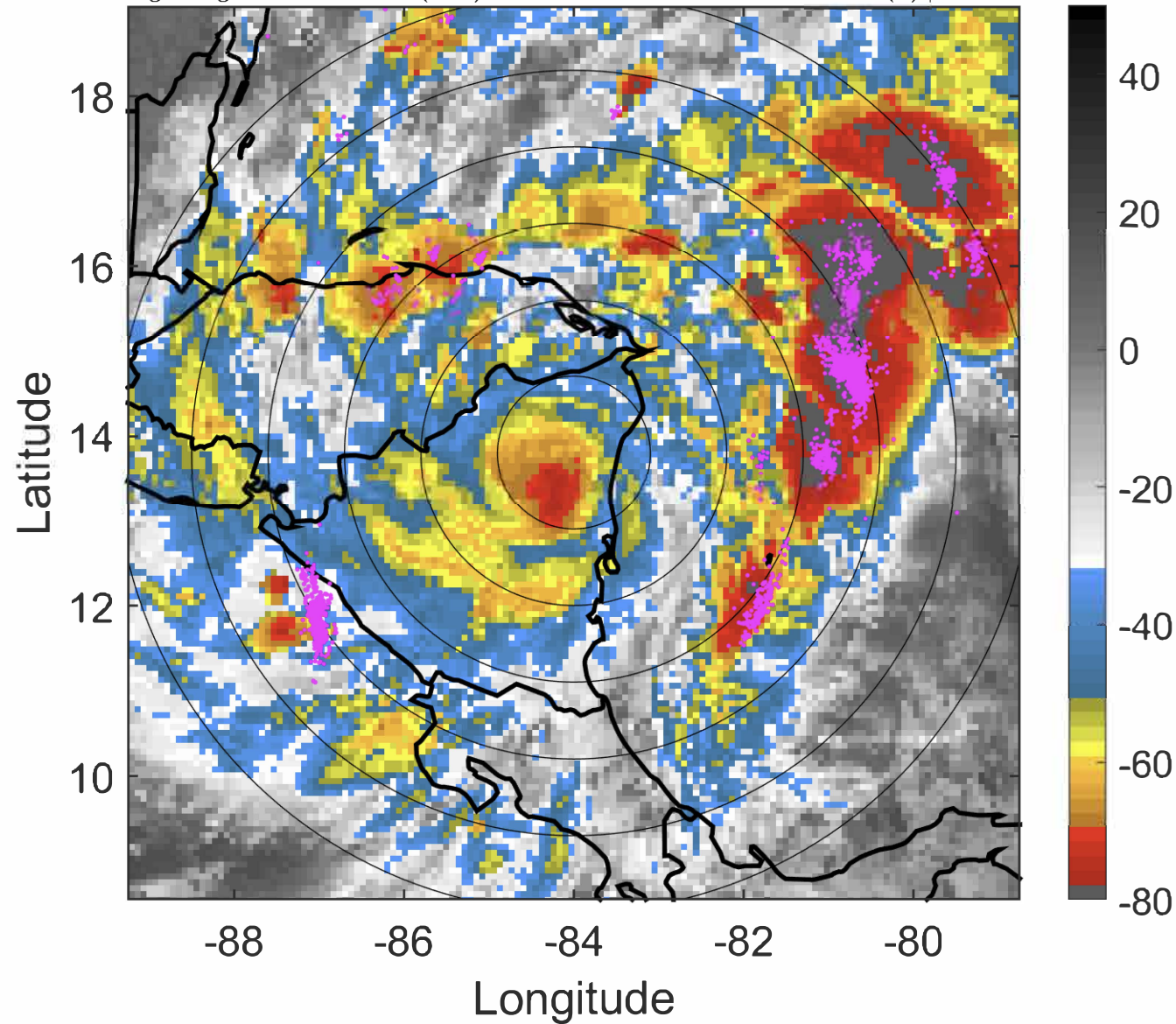
t: 2020110403 (21.4 LT)

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

### LAND EFFECTS

29L (ETA) | 82.5 kt C1

S: 3.8 m s<sup>-1</sup> (L) | H: 249°



### 6-h IR BT Differences & Lightning

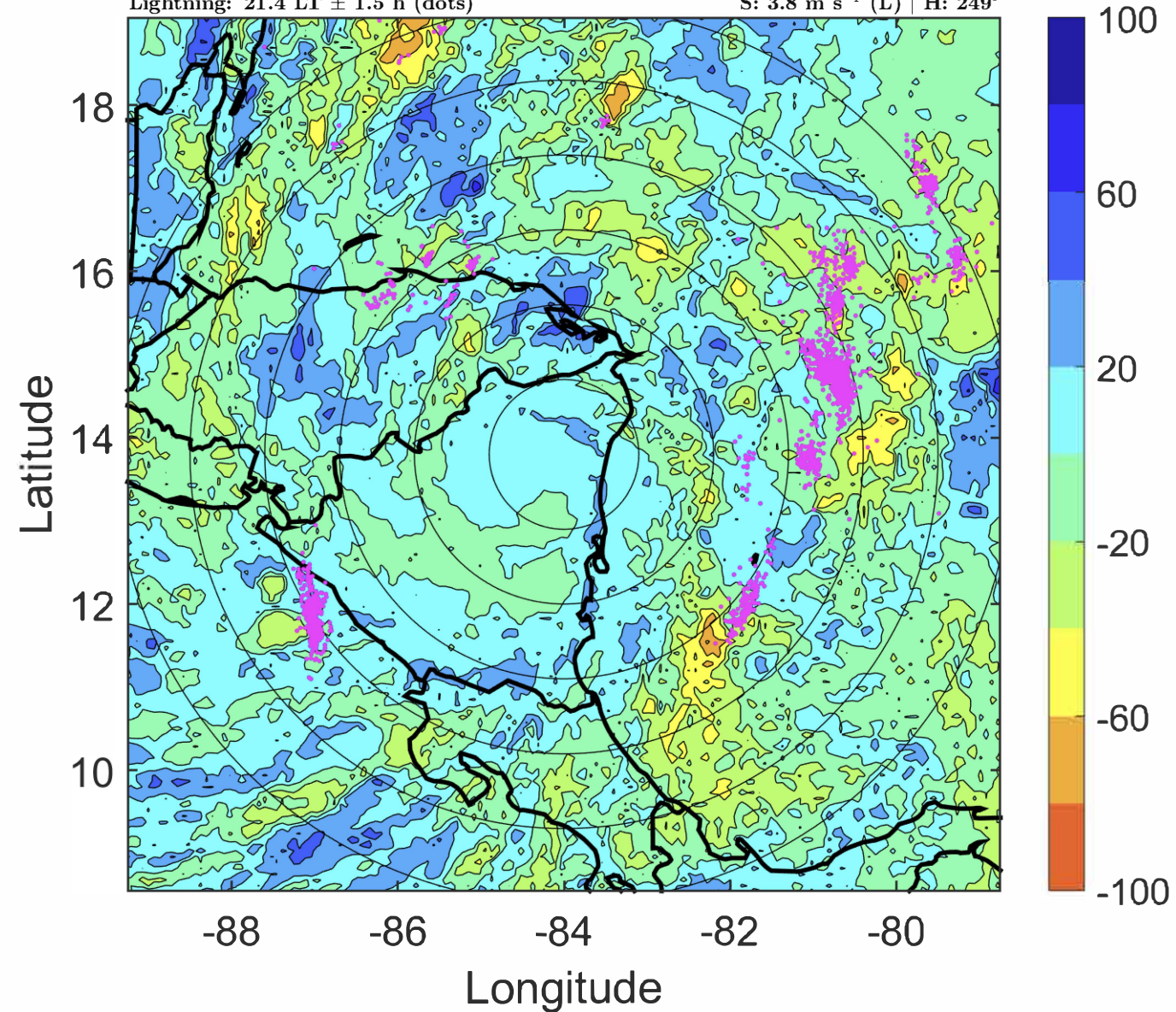
$\Delta$ t: 2020110403 (21.4 LT) - 2020110321 (15.4 LT)

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

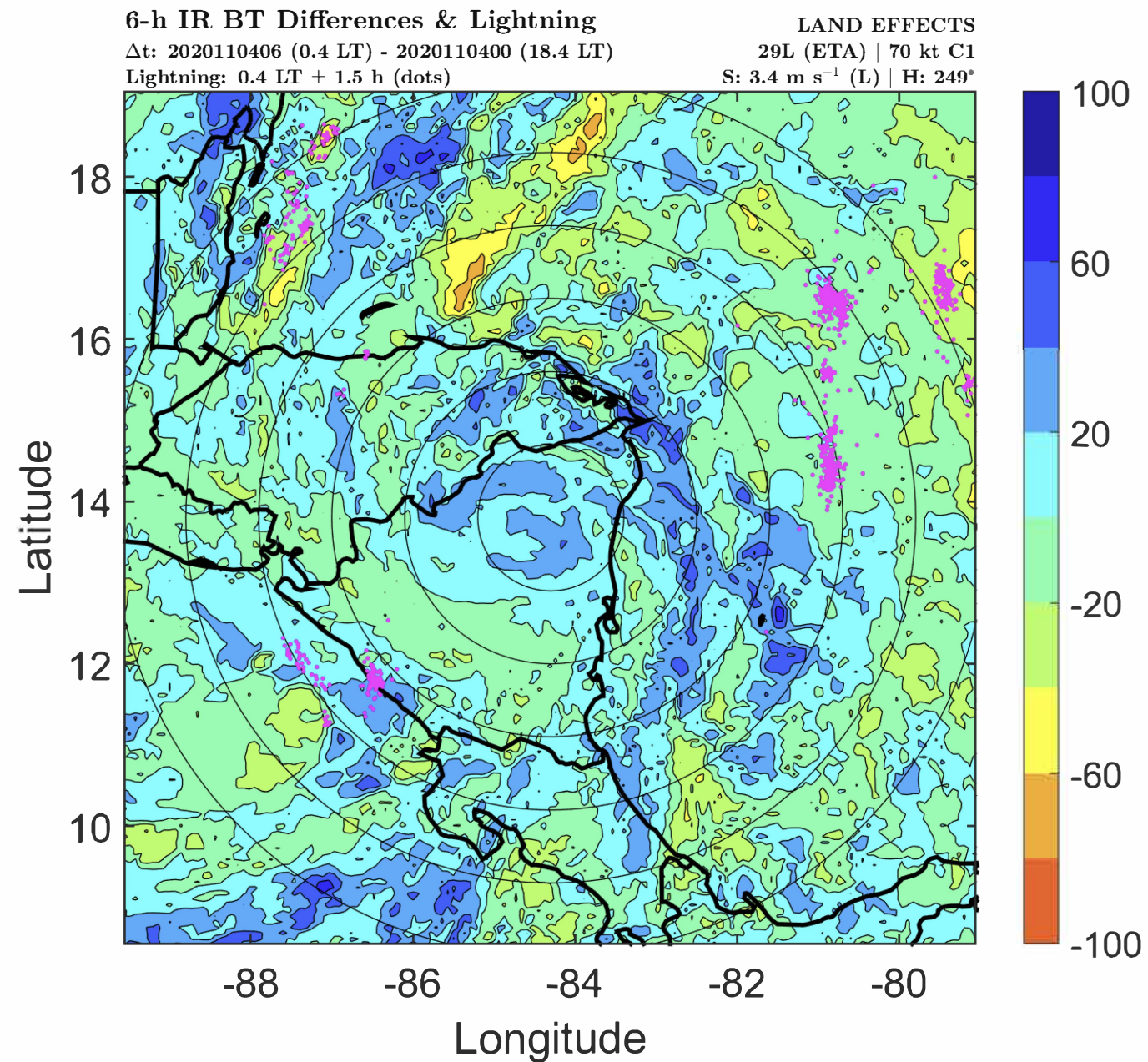
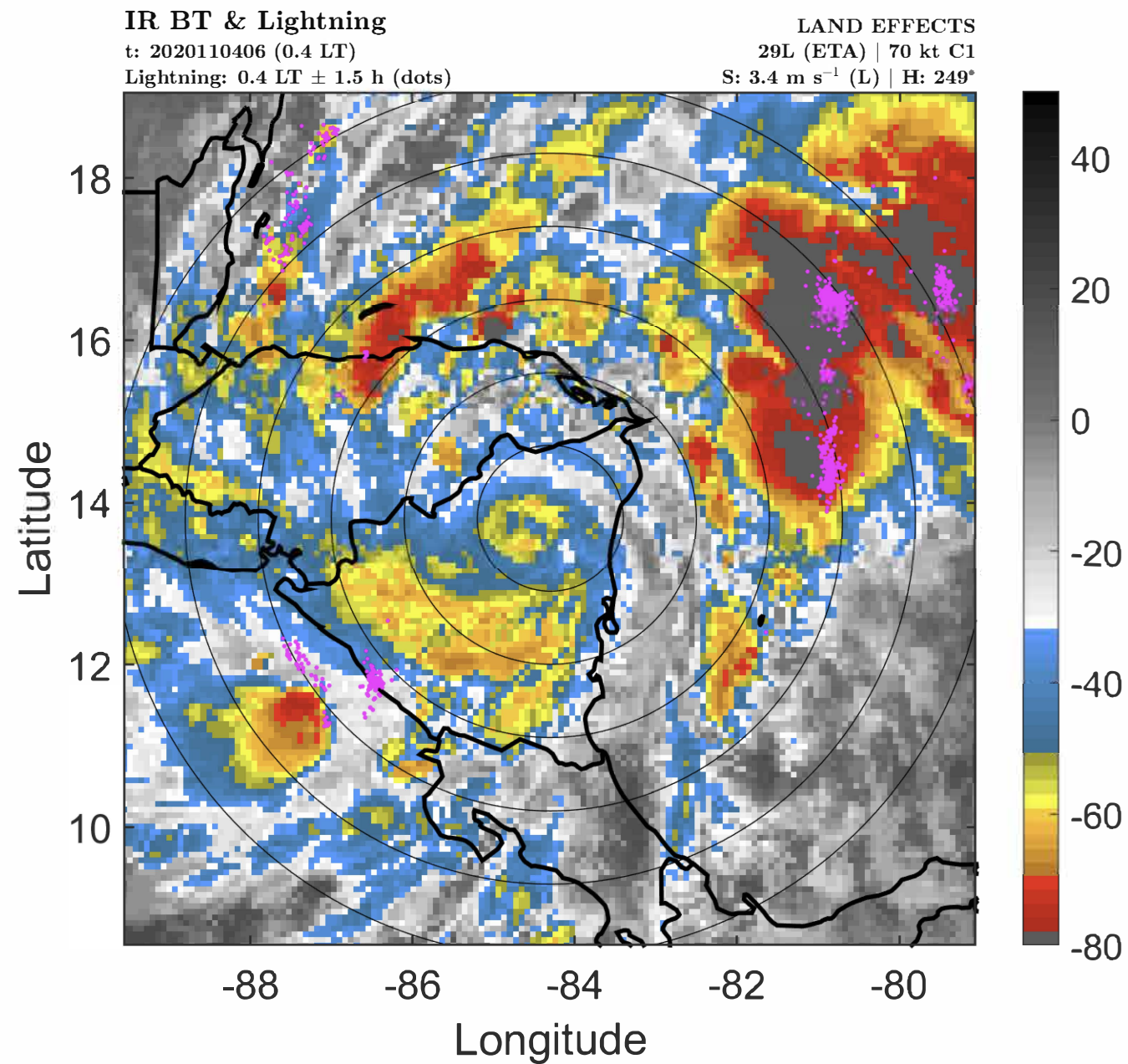
### LAND EFFECTS

29L (ETA) | 82.5 kt C1

S: 3.8 m s<sup>-1</sup> (L) | H: 249°









### IR BT & Lightning

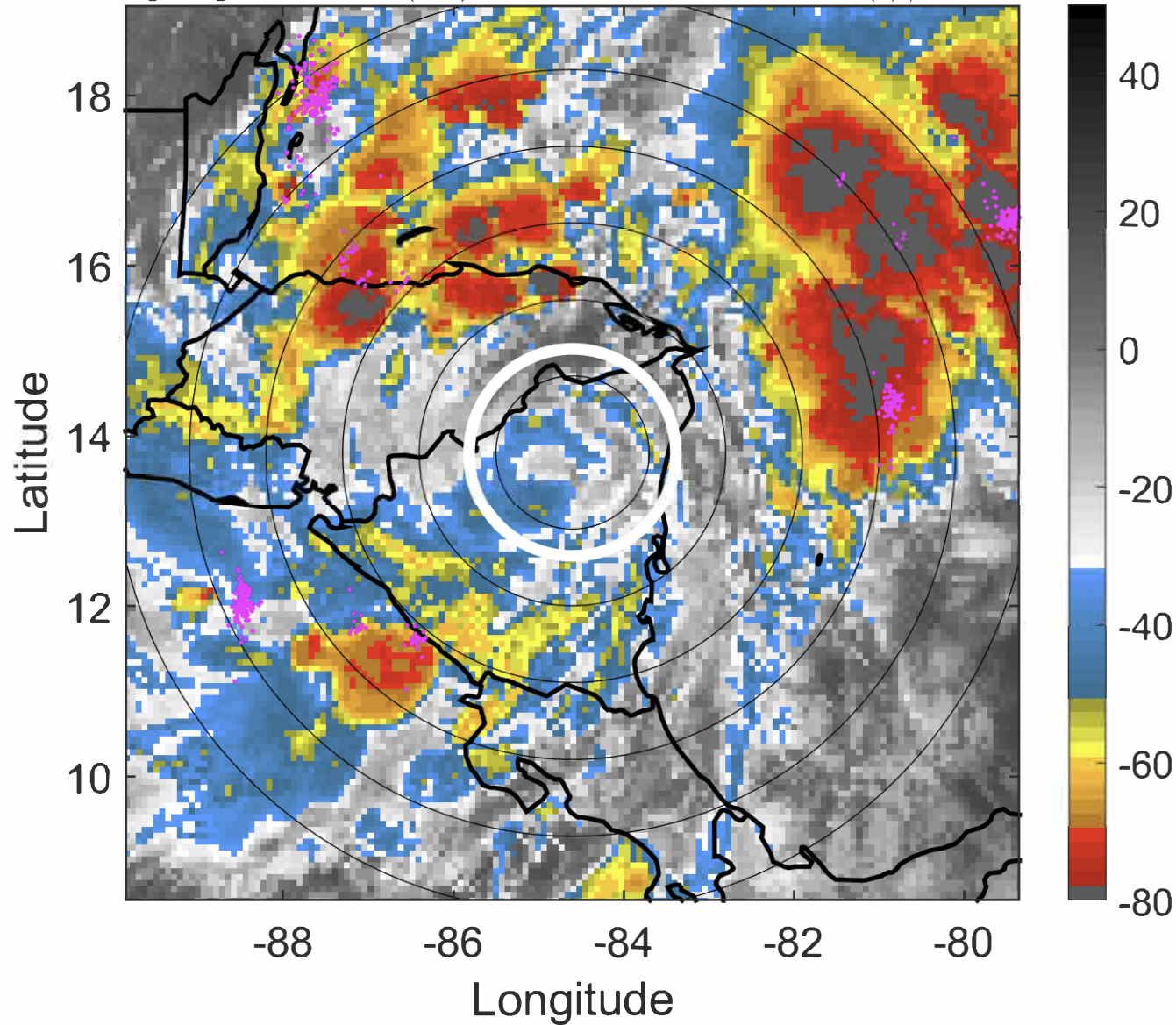
t: 2020110409 (3.4 LT)

Lightning: 3.4 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 60 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 246.5°



### 6-h IR BT Differences & Lightning

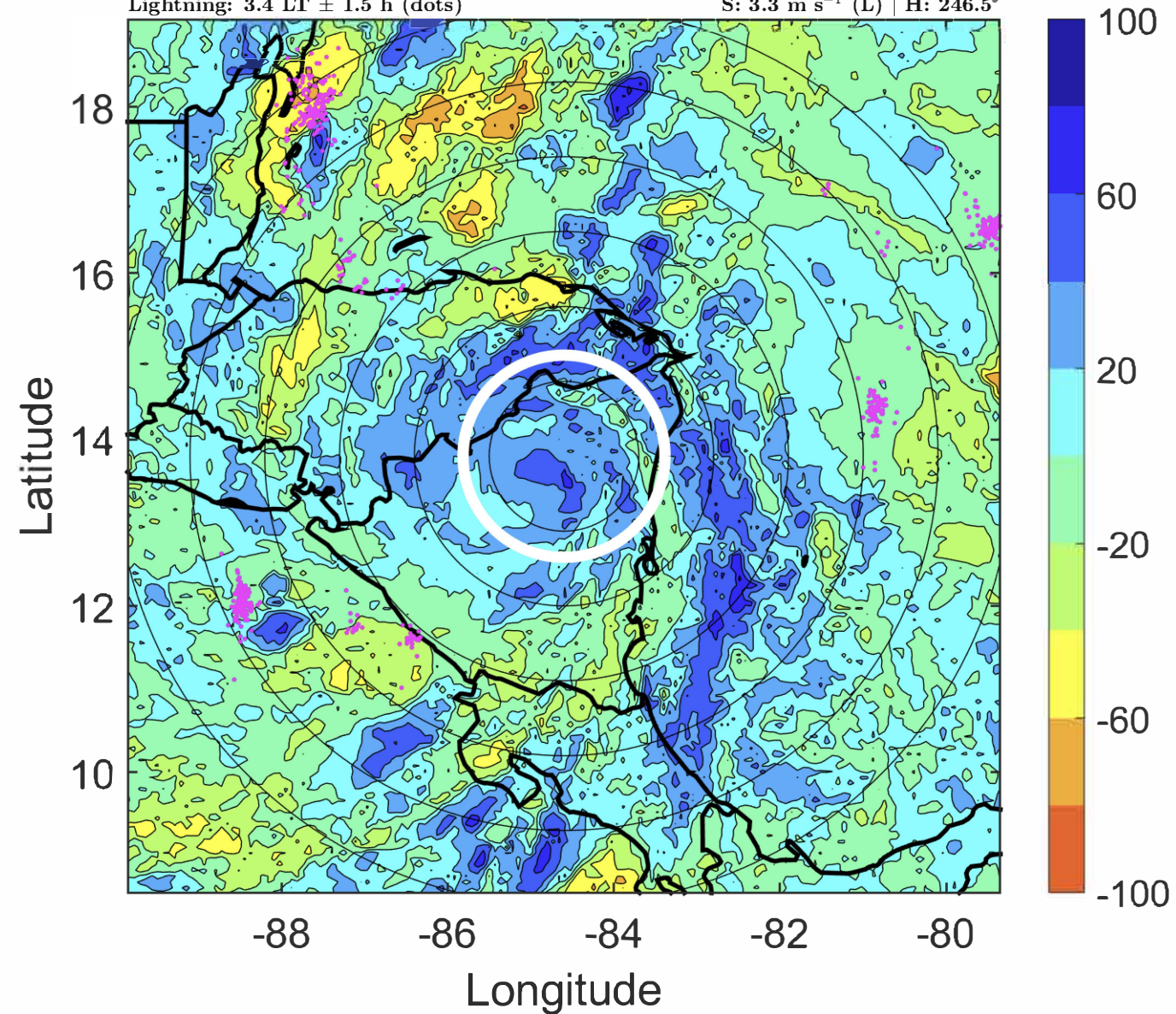
$\Delta$ t: 2020110409 (3.4 LT) - 2020110403 (21.4 LT)

Lightning: 3.4 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 60 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 246.5°





### IR BT & Lightning

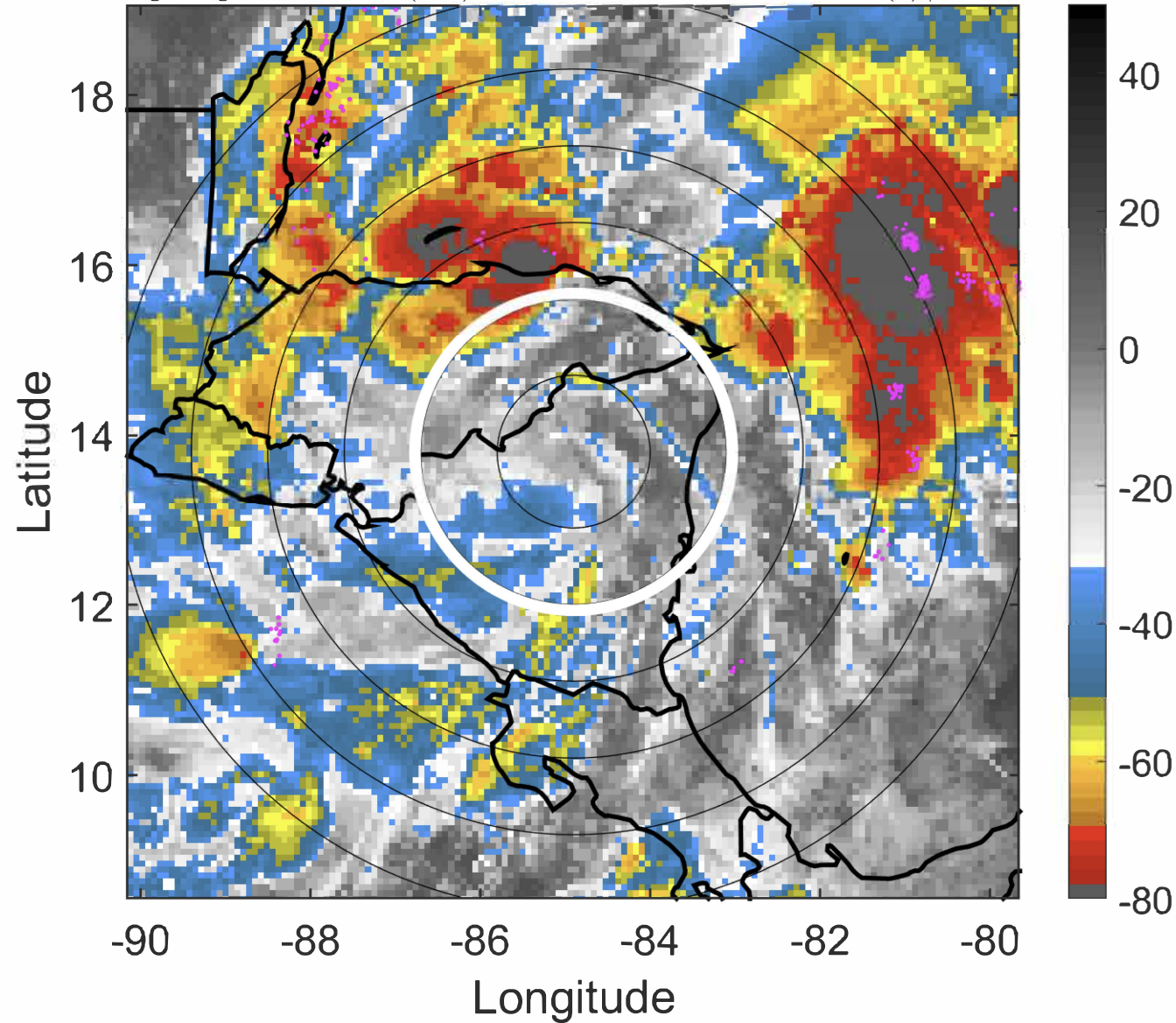
t: 2020110412 (6.3 LT)

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

### LAND EFFECTS

29L (ETA) | 50 kt TS

S: 3.1 m s<sup>-1</sup> (L) | H: 244°



### 6-h IR BT Differences & Lightning

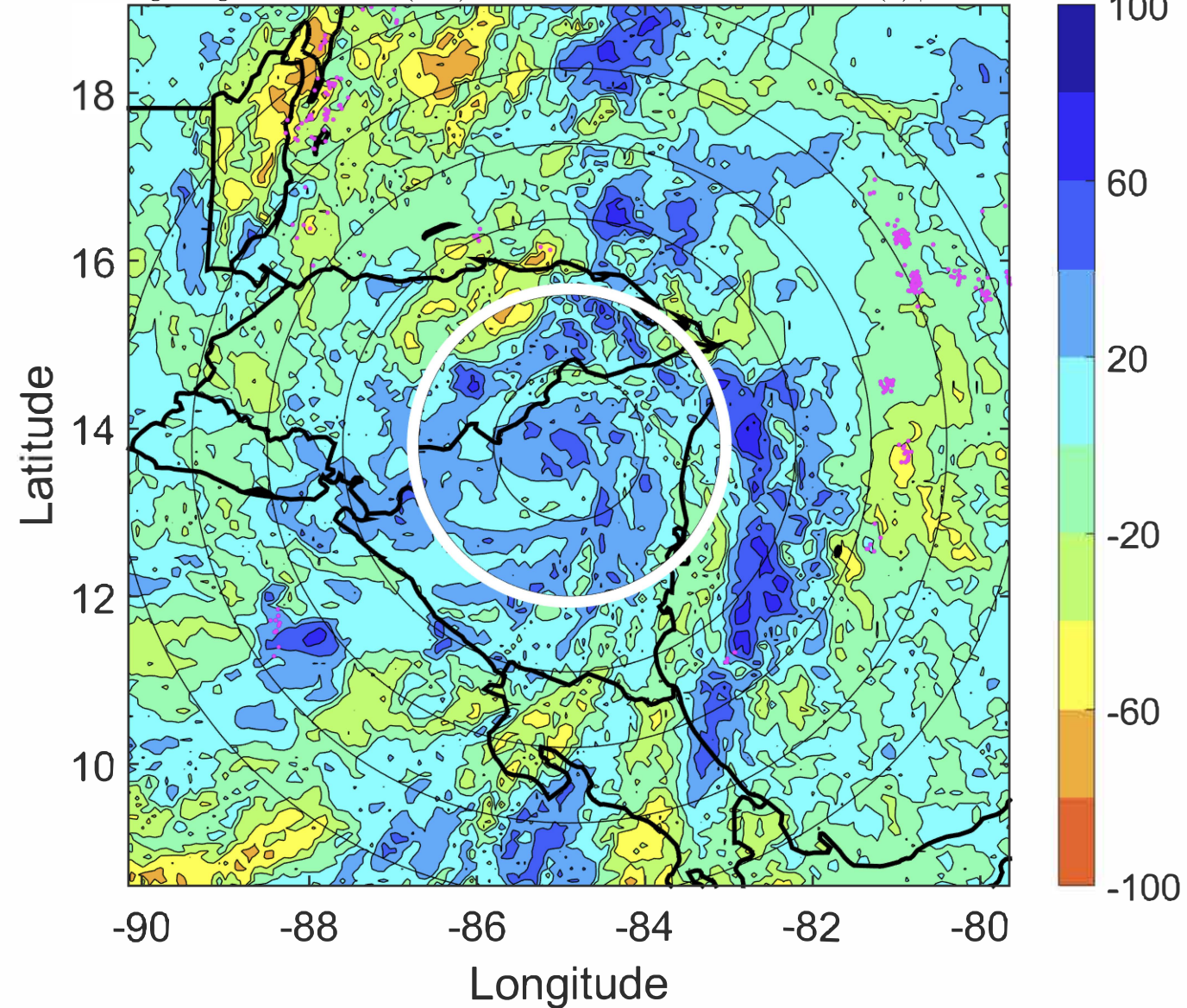
$\Delta$ t: 2020110412 (6.3 LT) - 2020110406 (0.4 LT)

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

### LAND EFFECTS

29L (ETA) | 50 kt TS

S: 3.1 m s<sup>-1</sup> (L) | H: 244°





### IR BT & Lightning

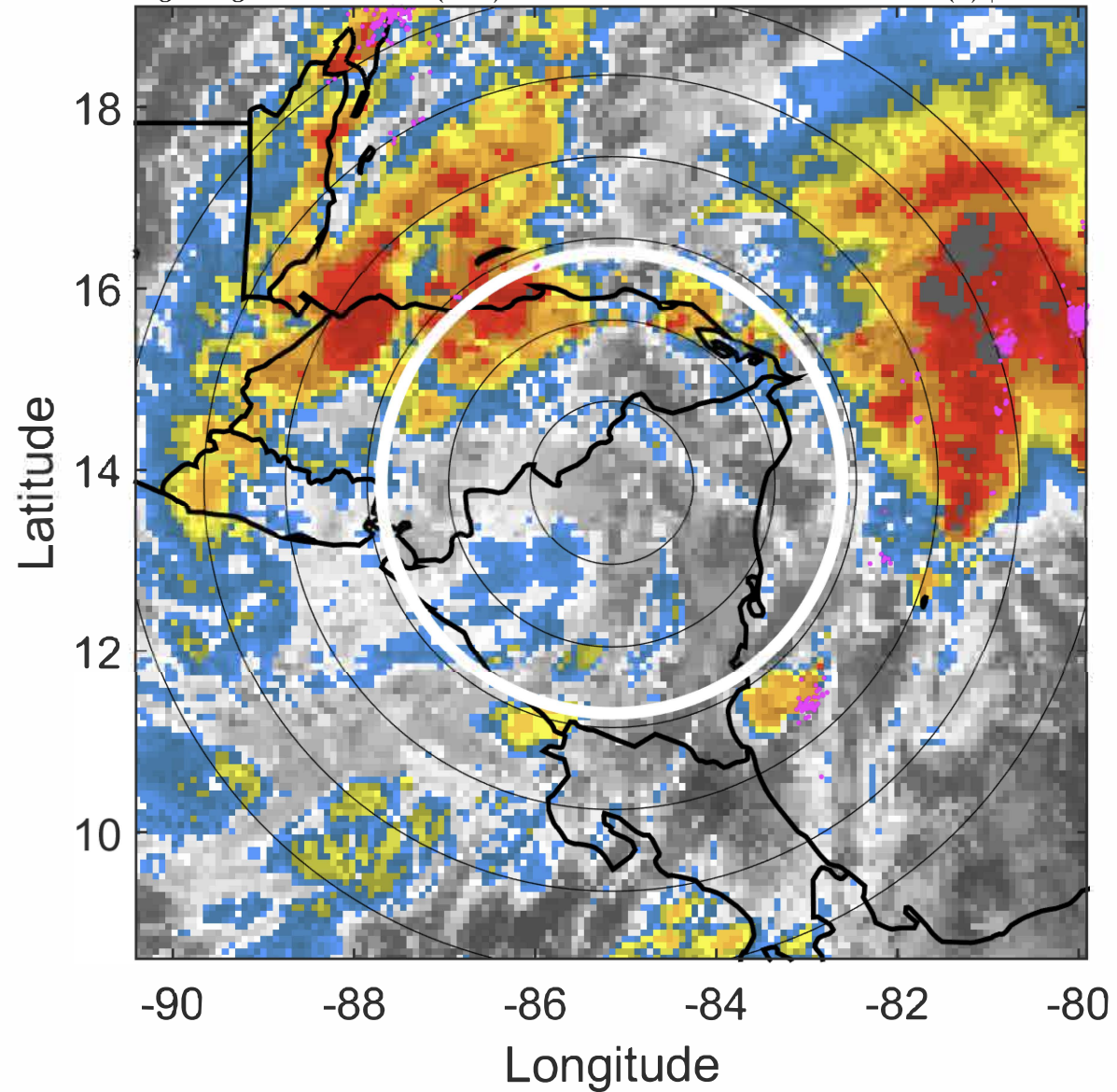
t: 2020110415 (9.3 LT)

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

### LAND EFFECTS

29L (ETA) | 45 kt TS

S: 3 m s<sup>-1</sup> (L) | H: 245°



### 6-h IR BT Differences & Lightning

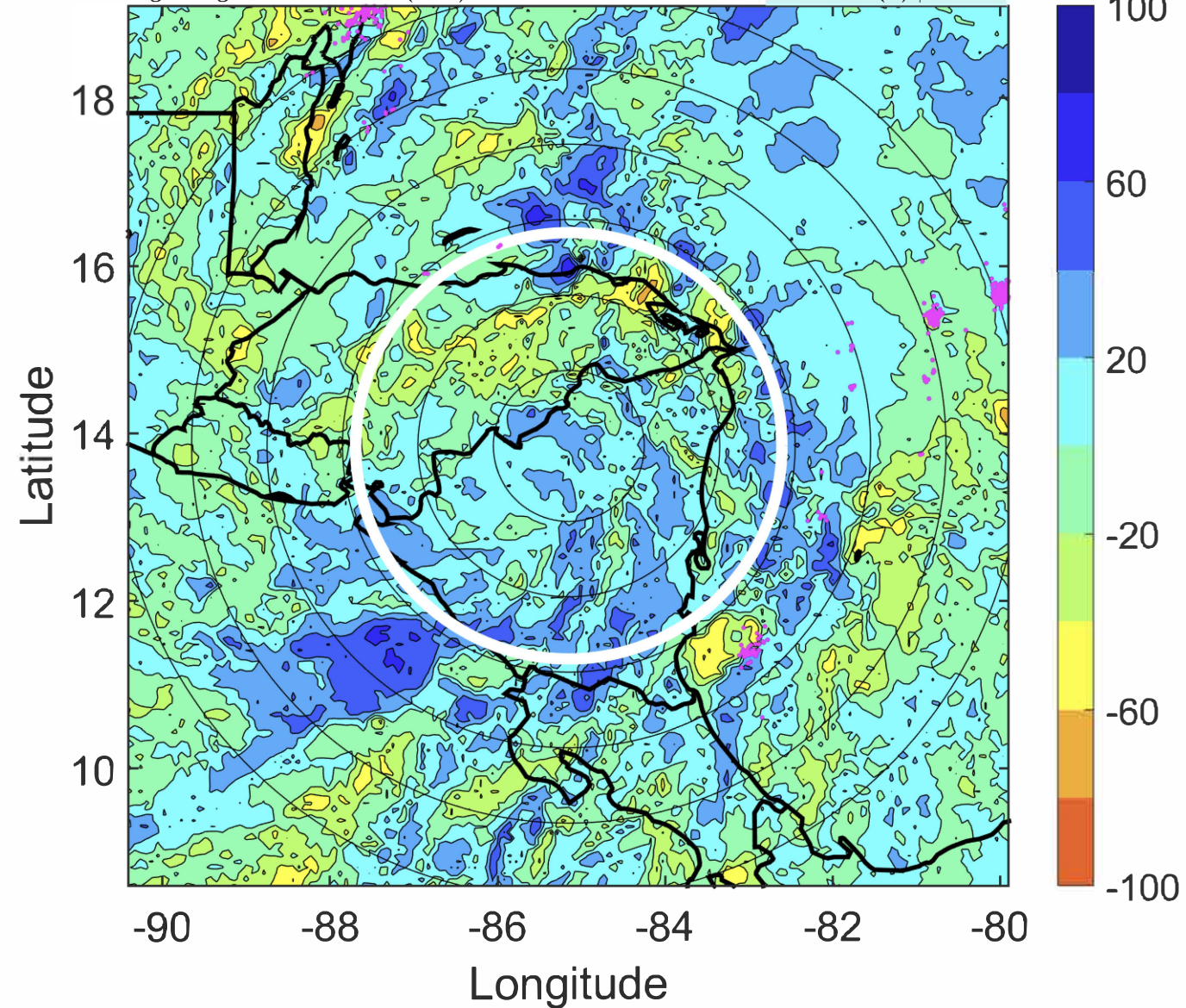
$\Delta$ t: 2020110415 (9.3 LT) - 2020110409 (3.4 LT)

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

### LAND EFFECTS

29L (ETA) | 45 kt TS

S: 3 m s<sup>-1</sup> (L) | H: 245°





### IR BT & Lightning

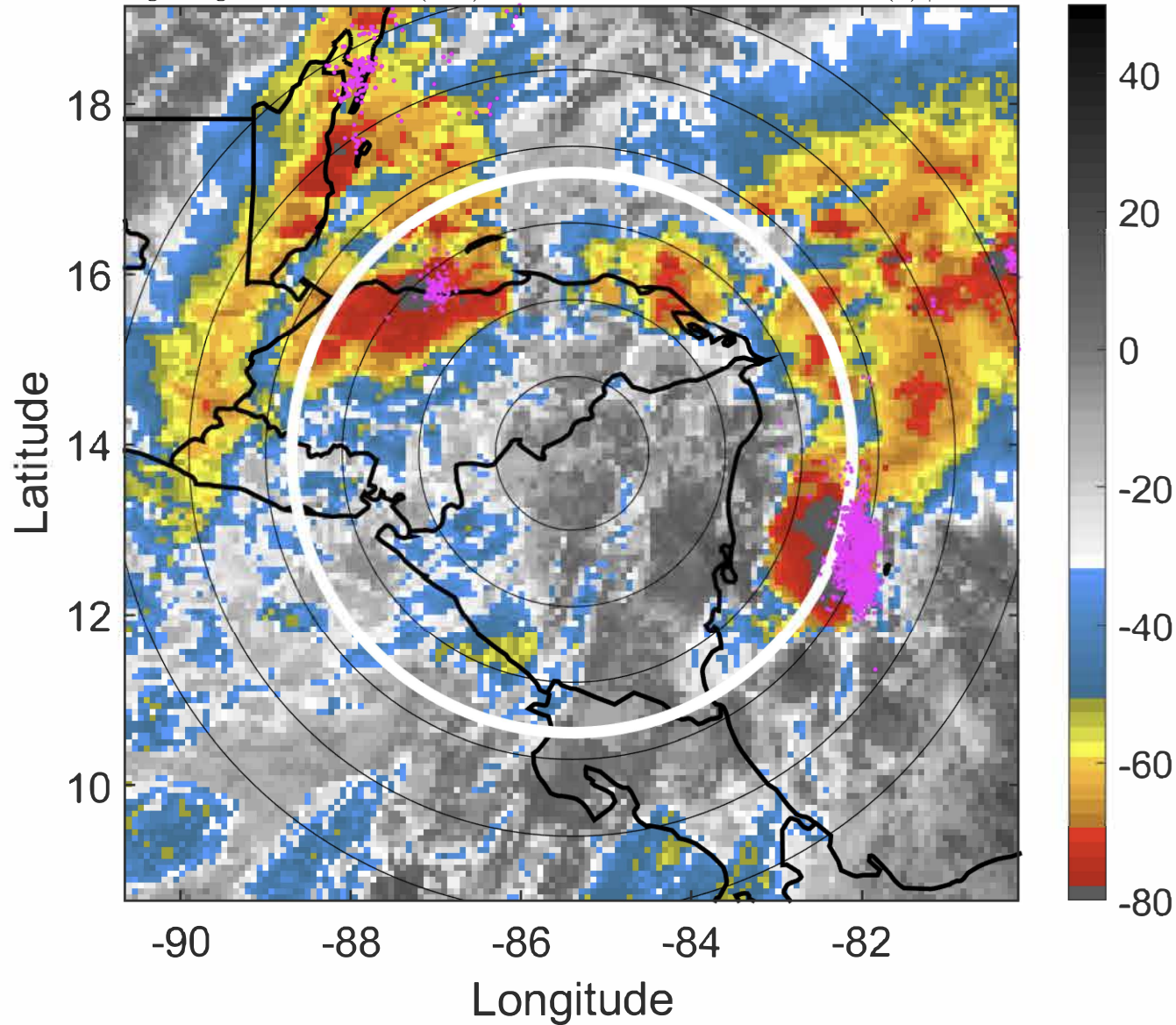
t: 2020110418 (12.3 LT)

Lightning: 12.3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 40 kt TS

S: 2.9 m s<sup>-1</sup> (L) | H: 246°



### 6-h IR BT Differences & Lightning

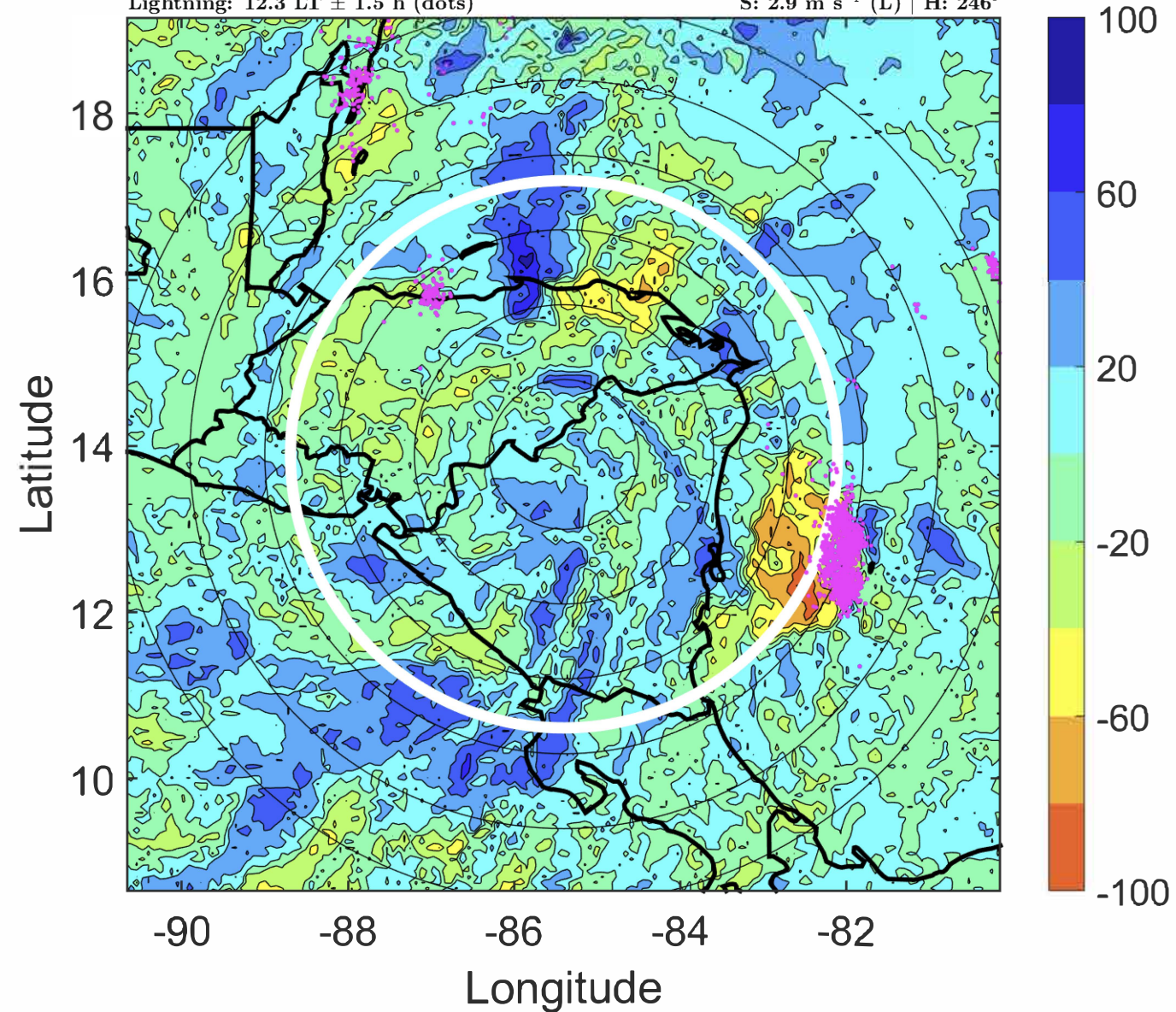
$\Delta$ t: 2020110418 (12.3 LT) - 2020110412 (6.3 LT)

Lightning: 12.3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 40 kt TS

S: 2.9 m s<sup>-1</sup> (L) | H: 246°





### IR BT & Lightning

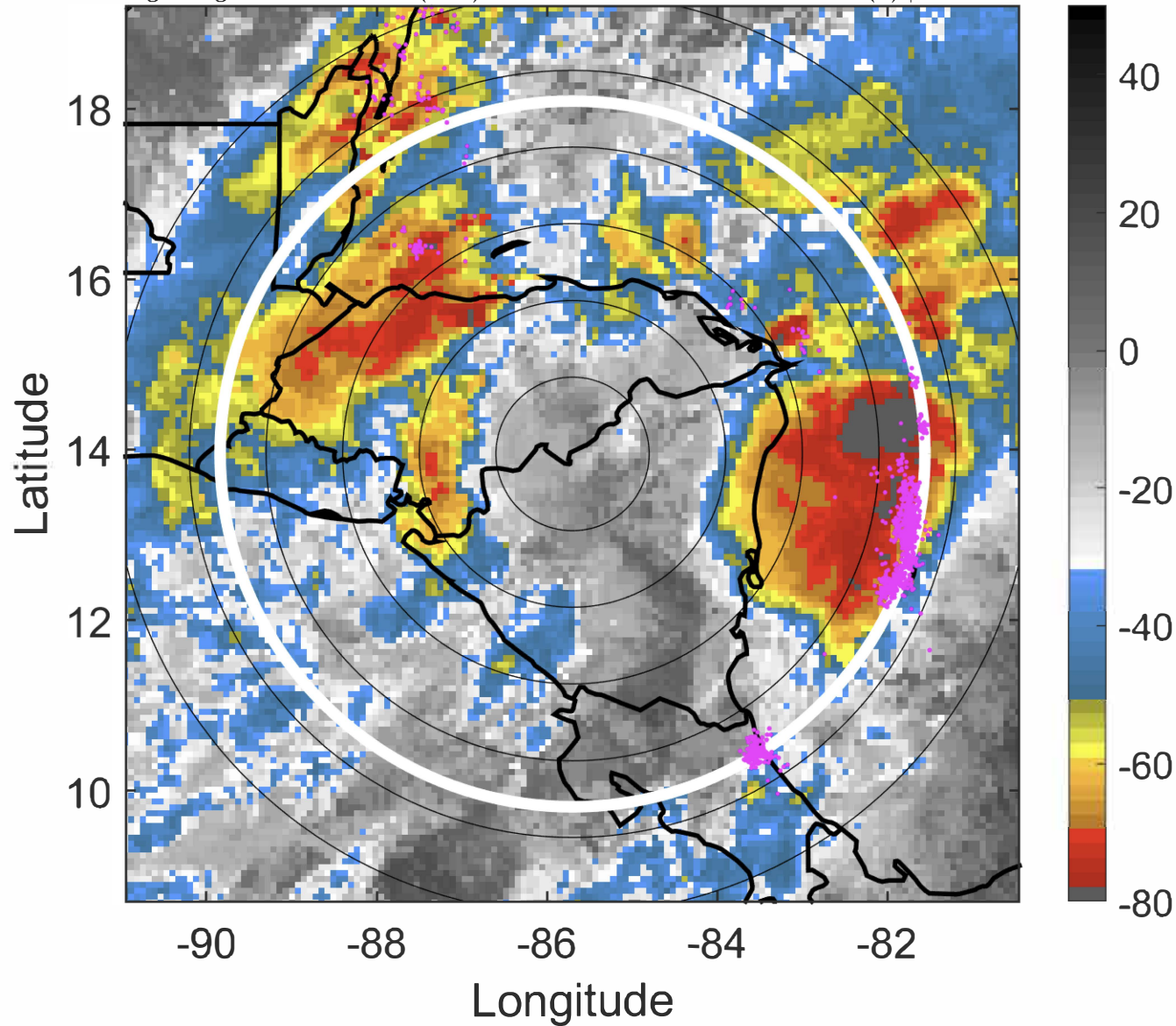
t: 2020110421 (15.3 LT)

Lightning: 15.3 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 35 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 252.5°



### 6-h IR BT Differences & Lightning

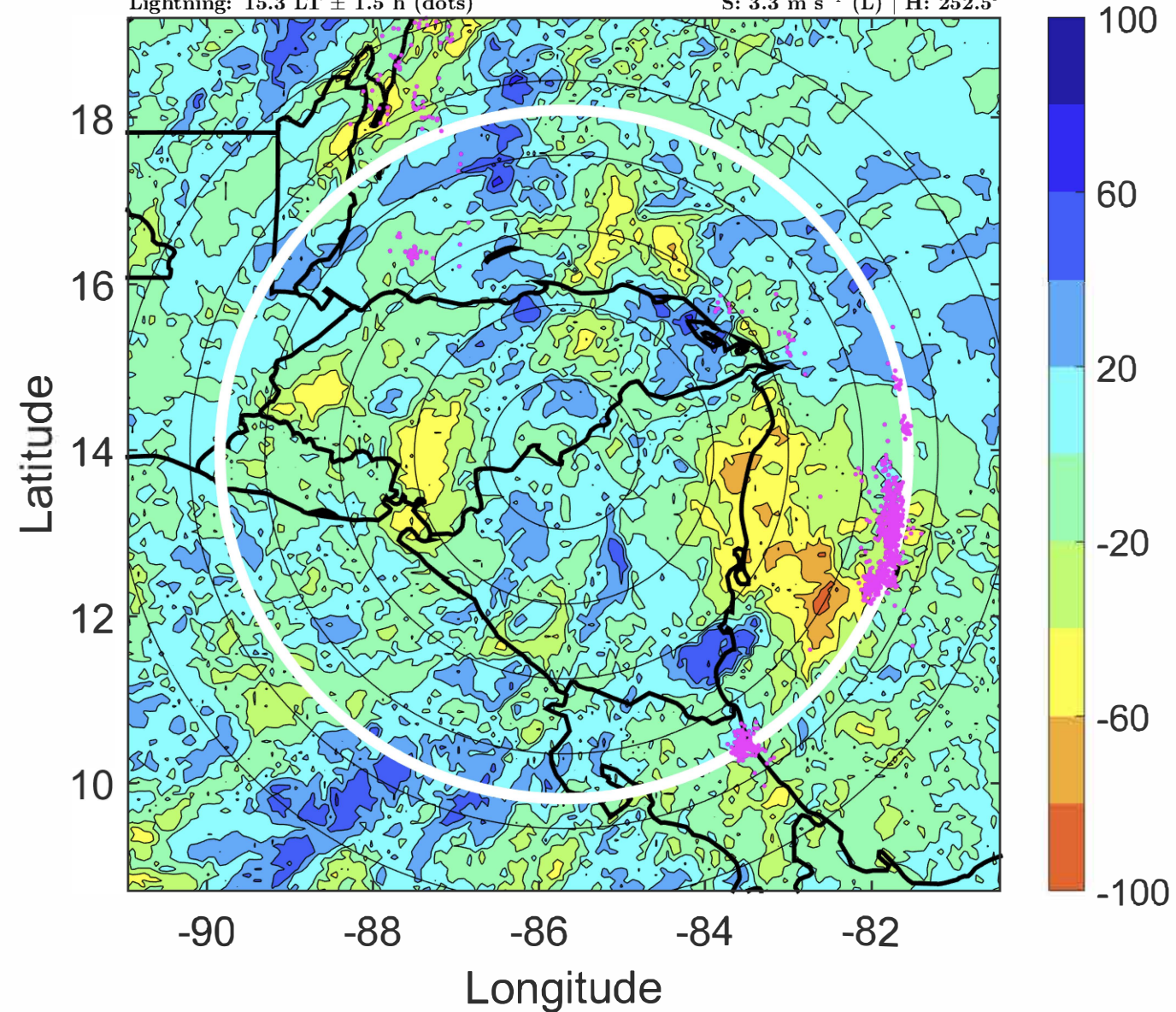
$\Delta$ t: 2020110421 (15.3 LT) - 2020110415 (9.3 LT)

Lightning: 15.3 LT  $\pm$  1.5 h (dots)

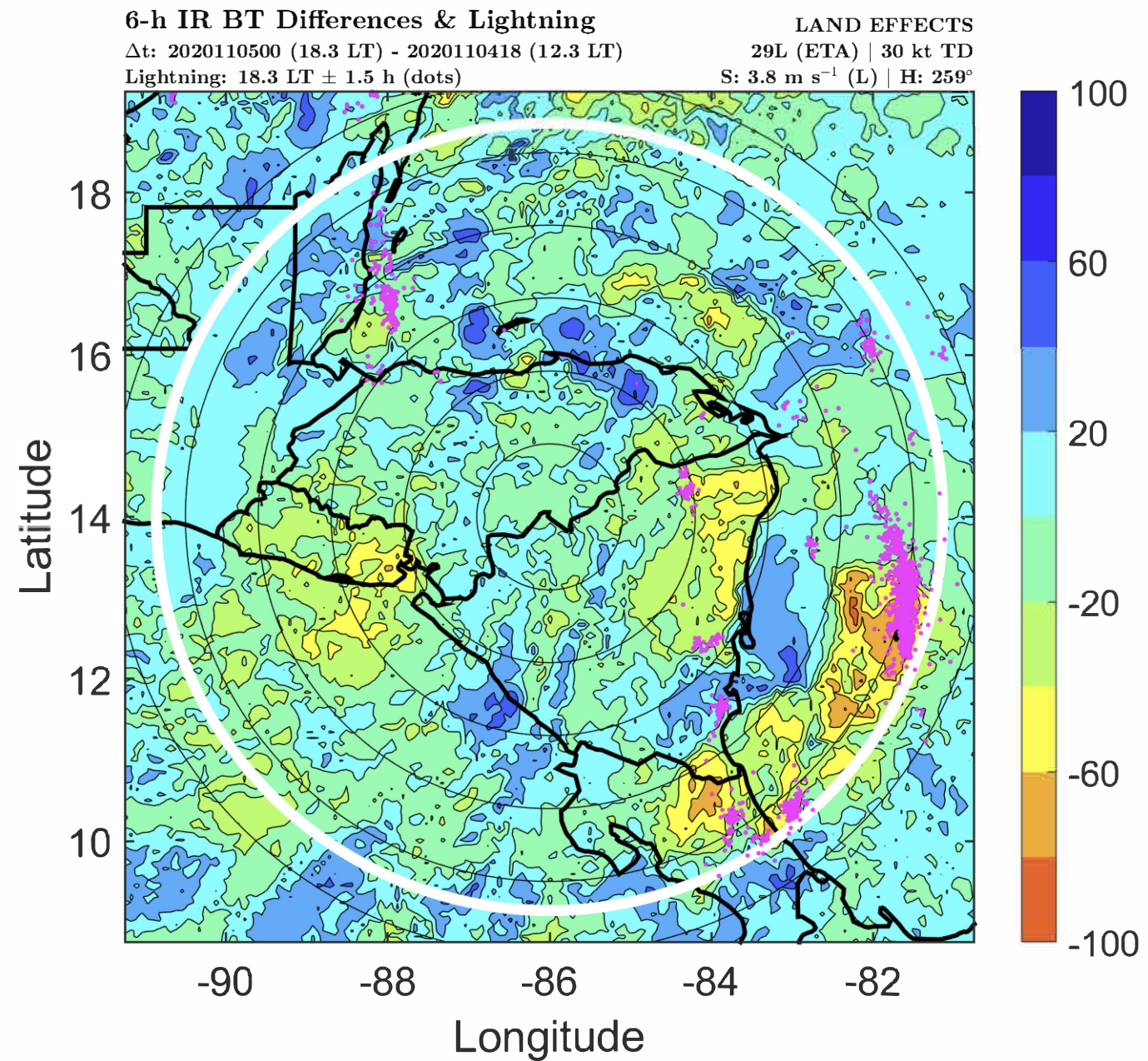
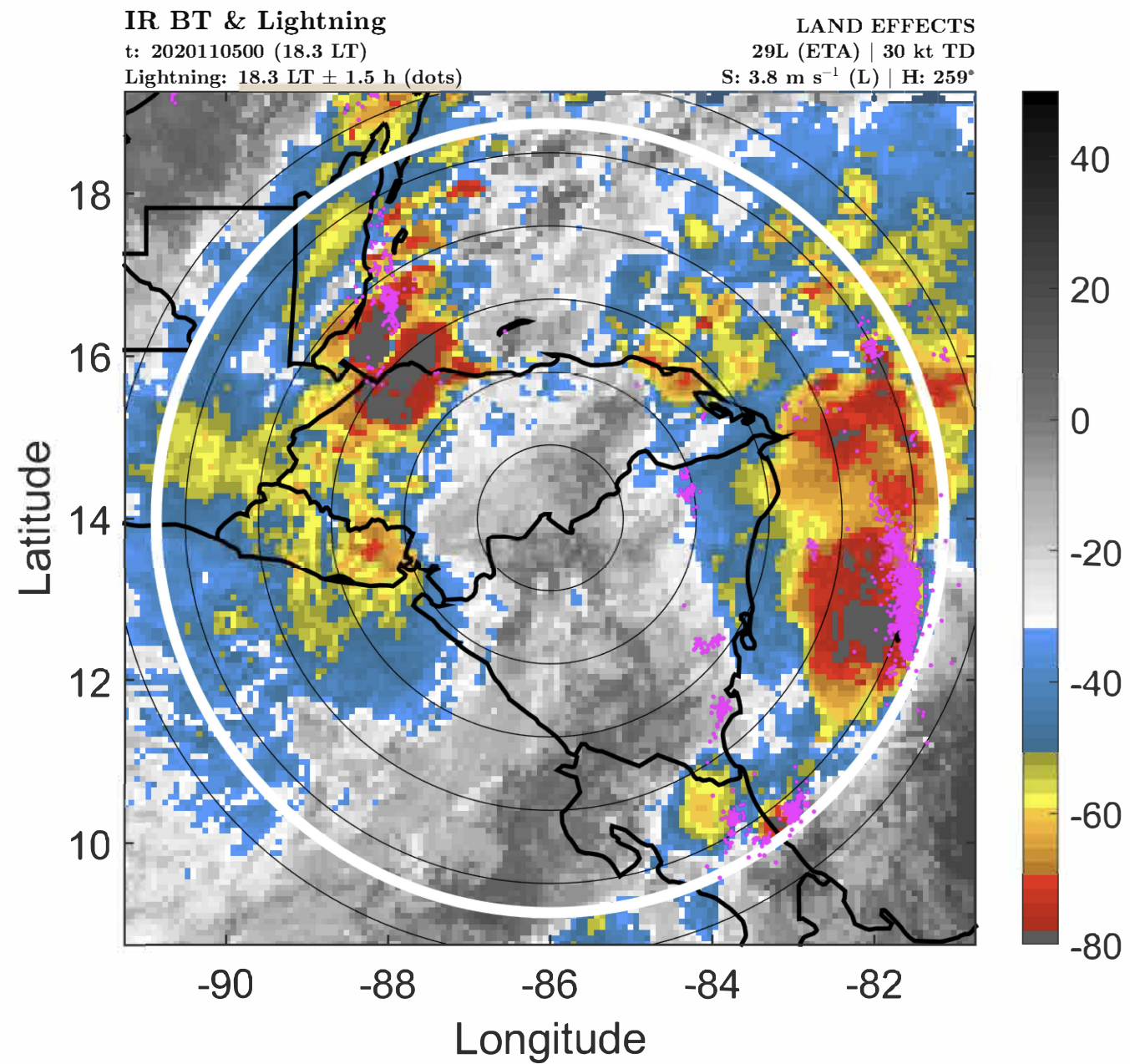
### LAND EFFECTS

29L (ETA) | 35 kt TS

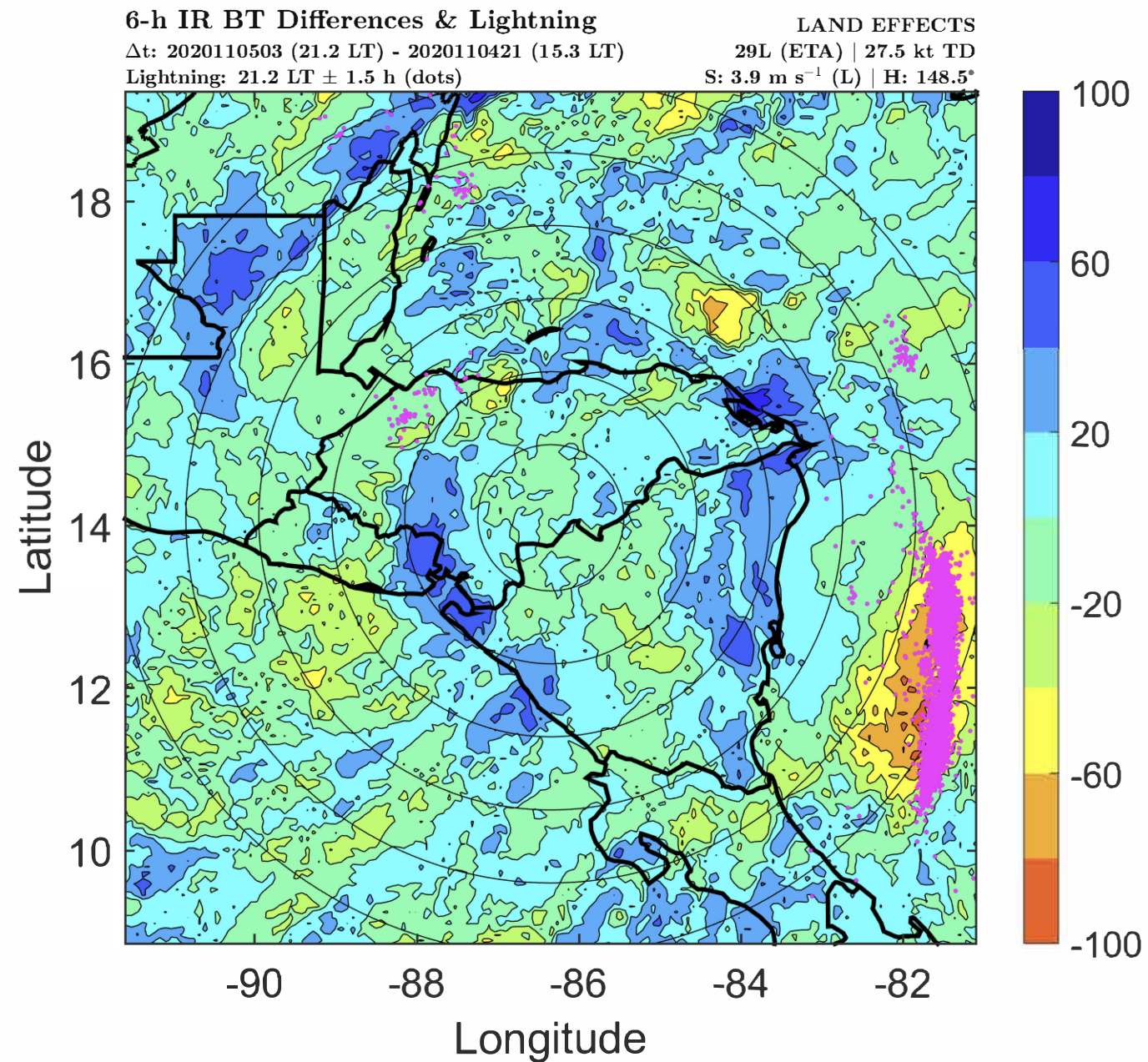
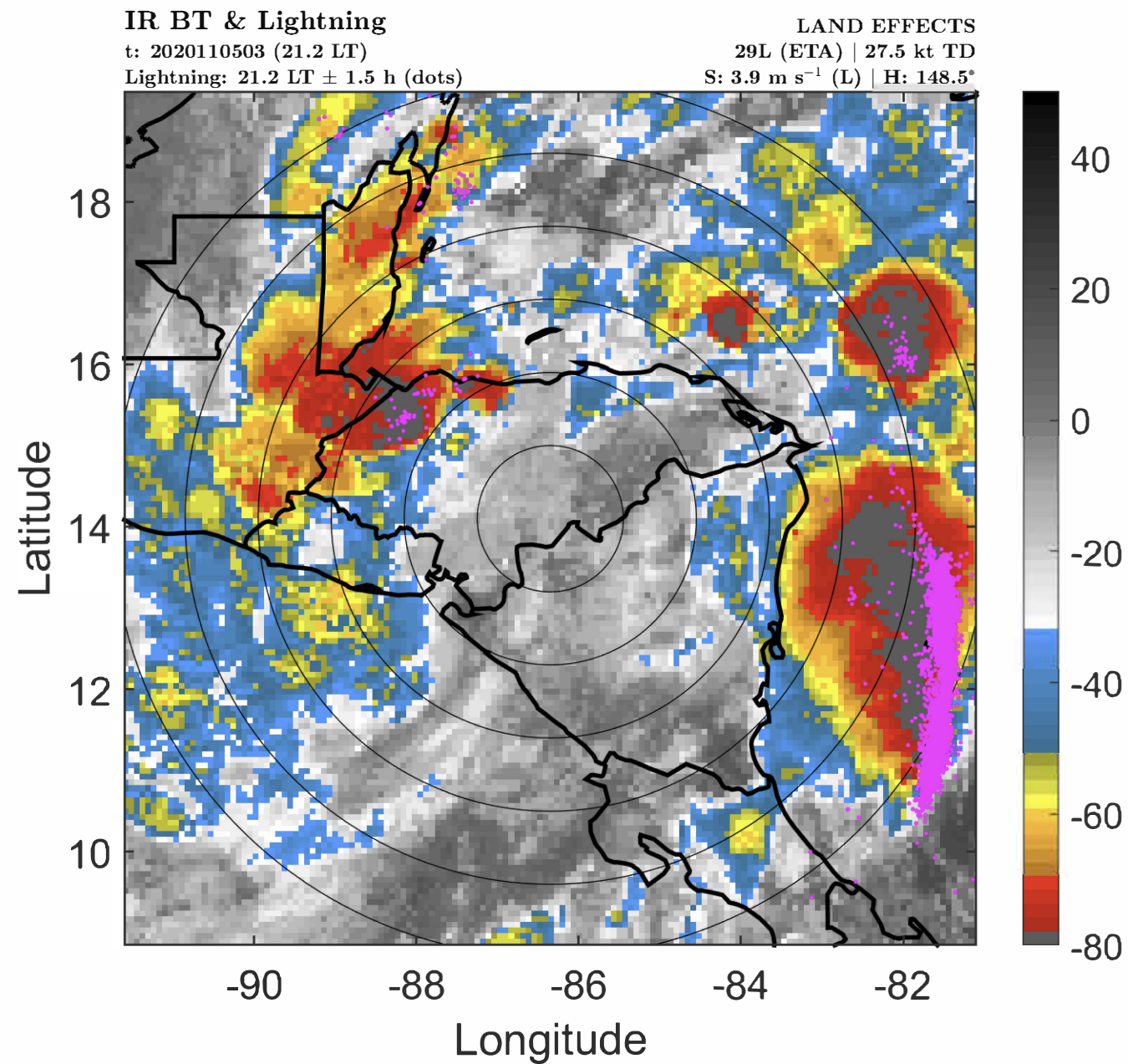
S: 3.3 m s<sup>-1</sup> (L) | H: 252.5°













### IR BT & Lightning

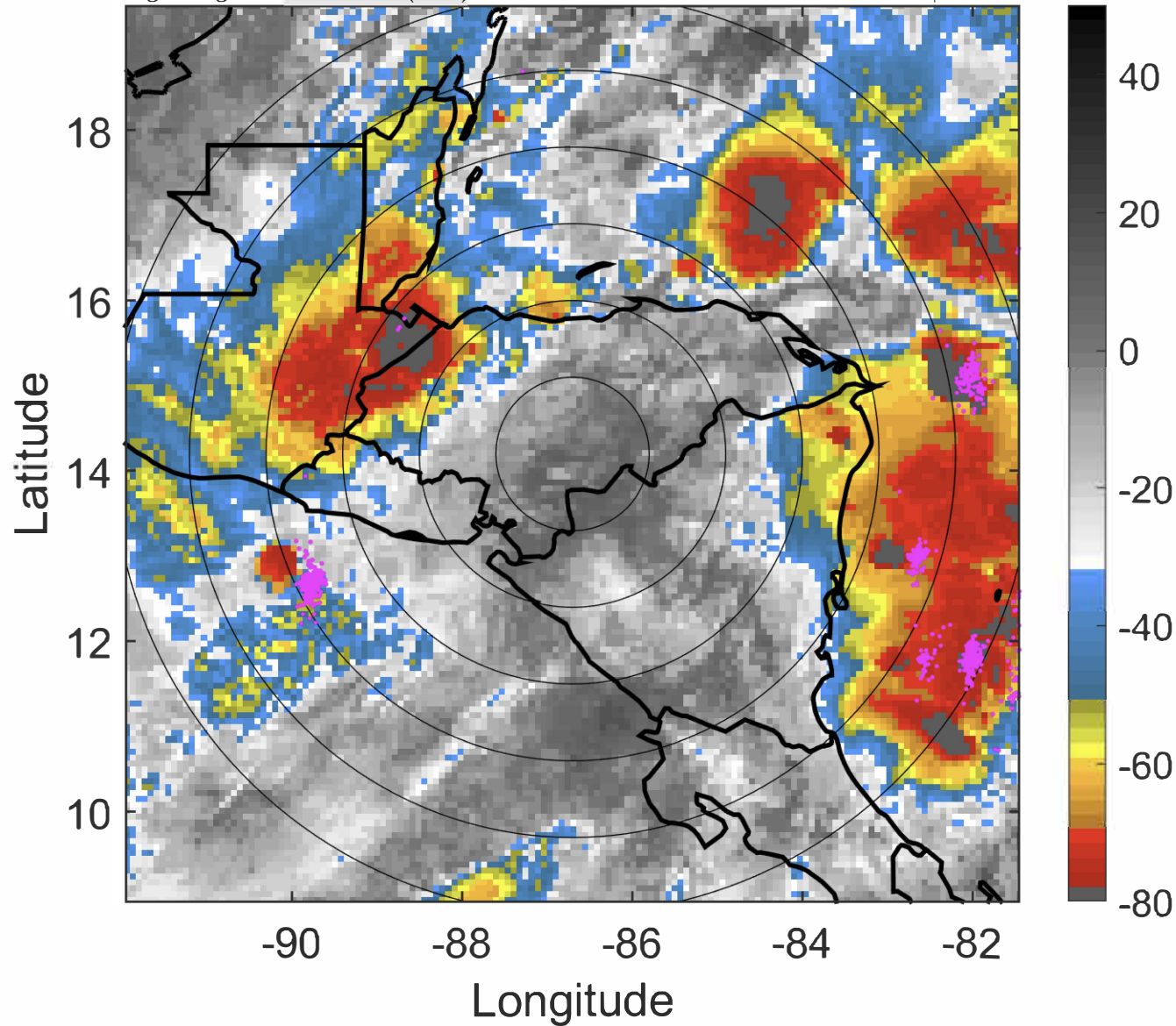
t: 2020110506 (0.2 LT)

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

LAND EFFECTS

29L (ETA) | 25 kt DB

S: null | H: null



### 6-h IR BT Differences & Lightning

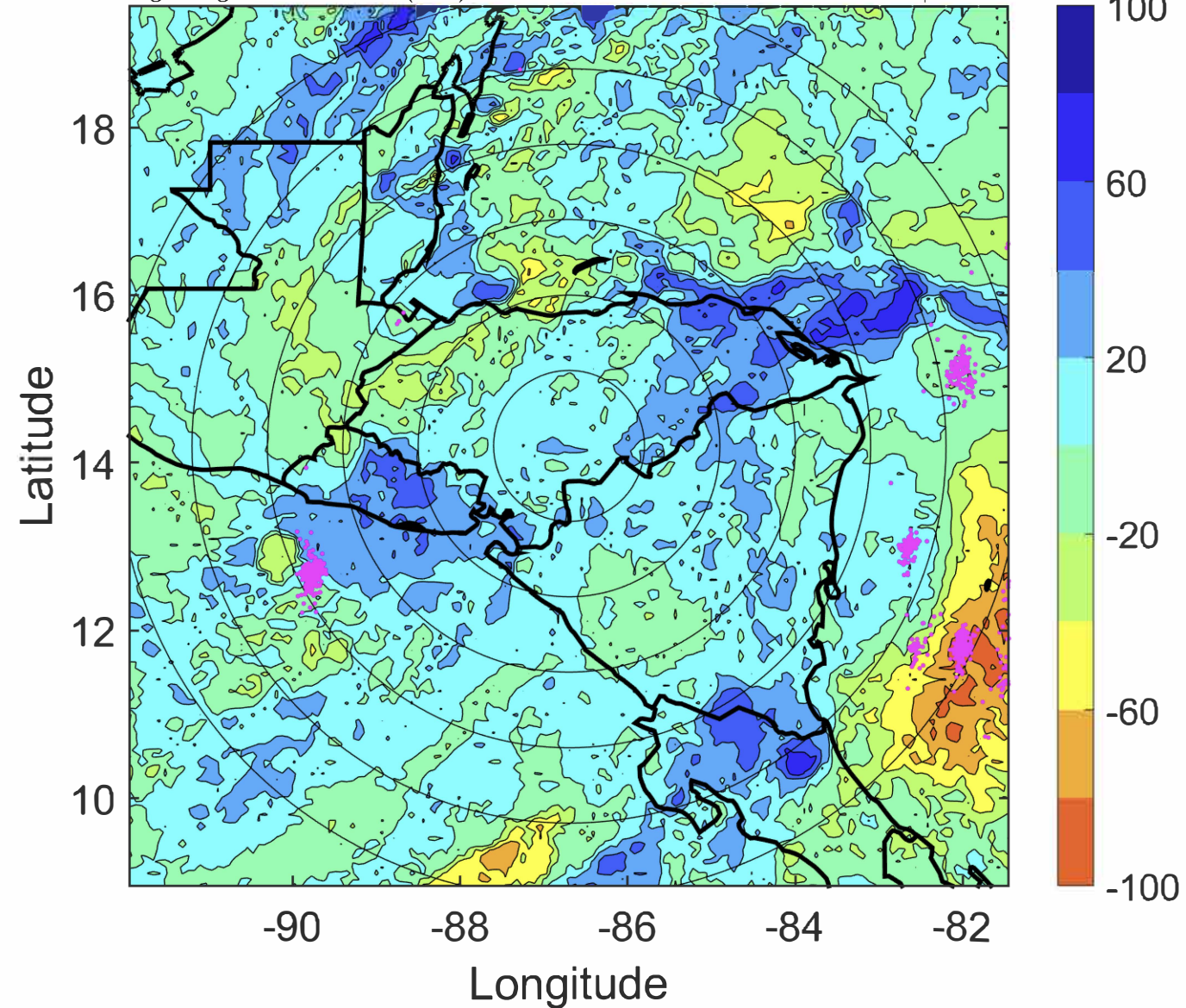
$\Delta$ t: 2020110506 (0.2 LT) - 2020110500 (18.3 LT)

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

LAND EFFECTS

29L (ETA) | 25 kt DB

S: null | H: null





### IR BT & Lightning

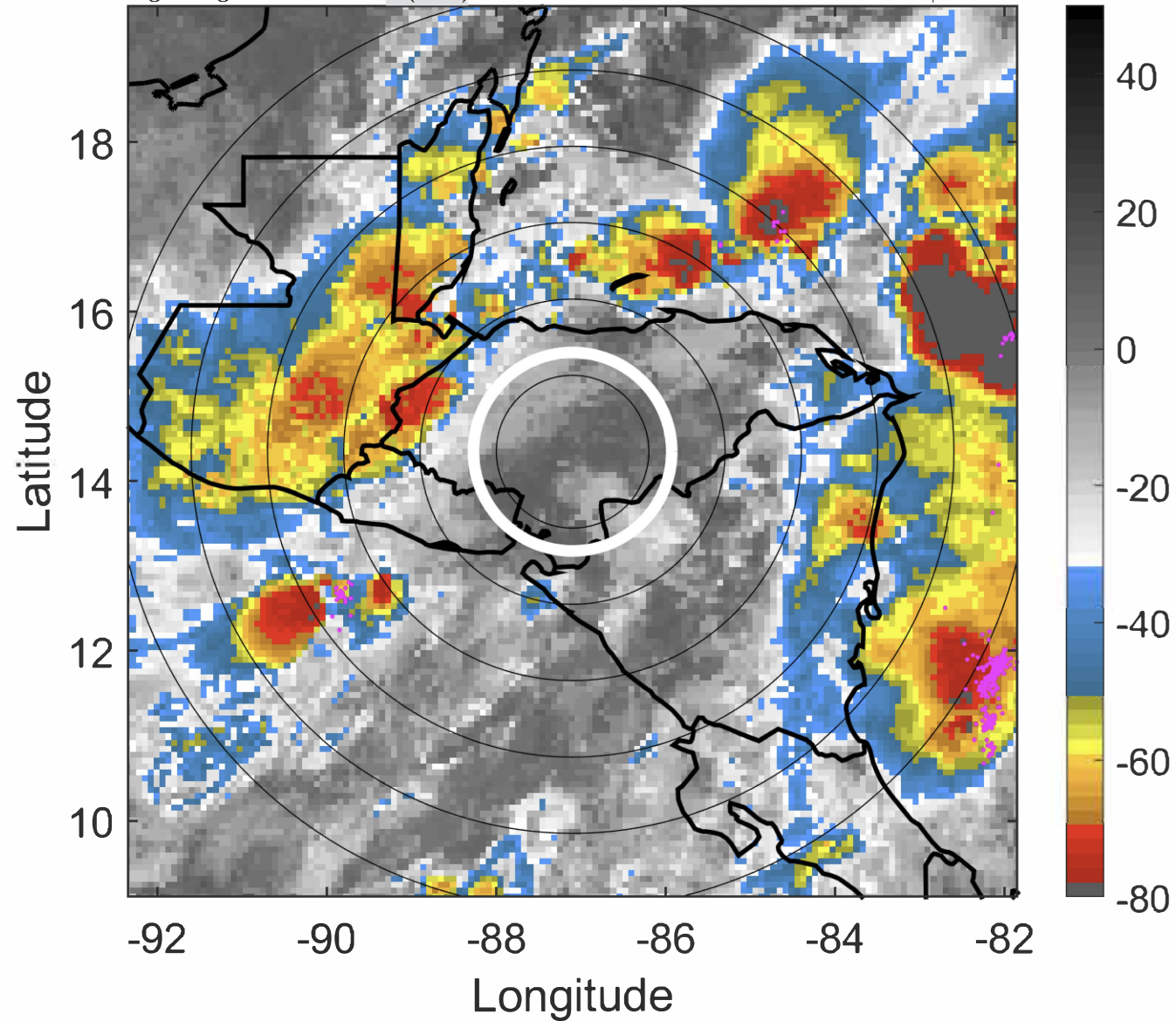
t: 2020110509 (3.2 LT)

Lightning: 3.2 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

29L (ETA) | 25 kt DB

S: null | H: null



### 6-h IR BT Differences & Lightning

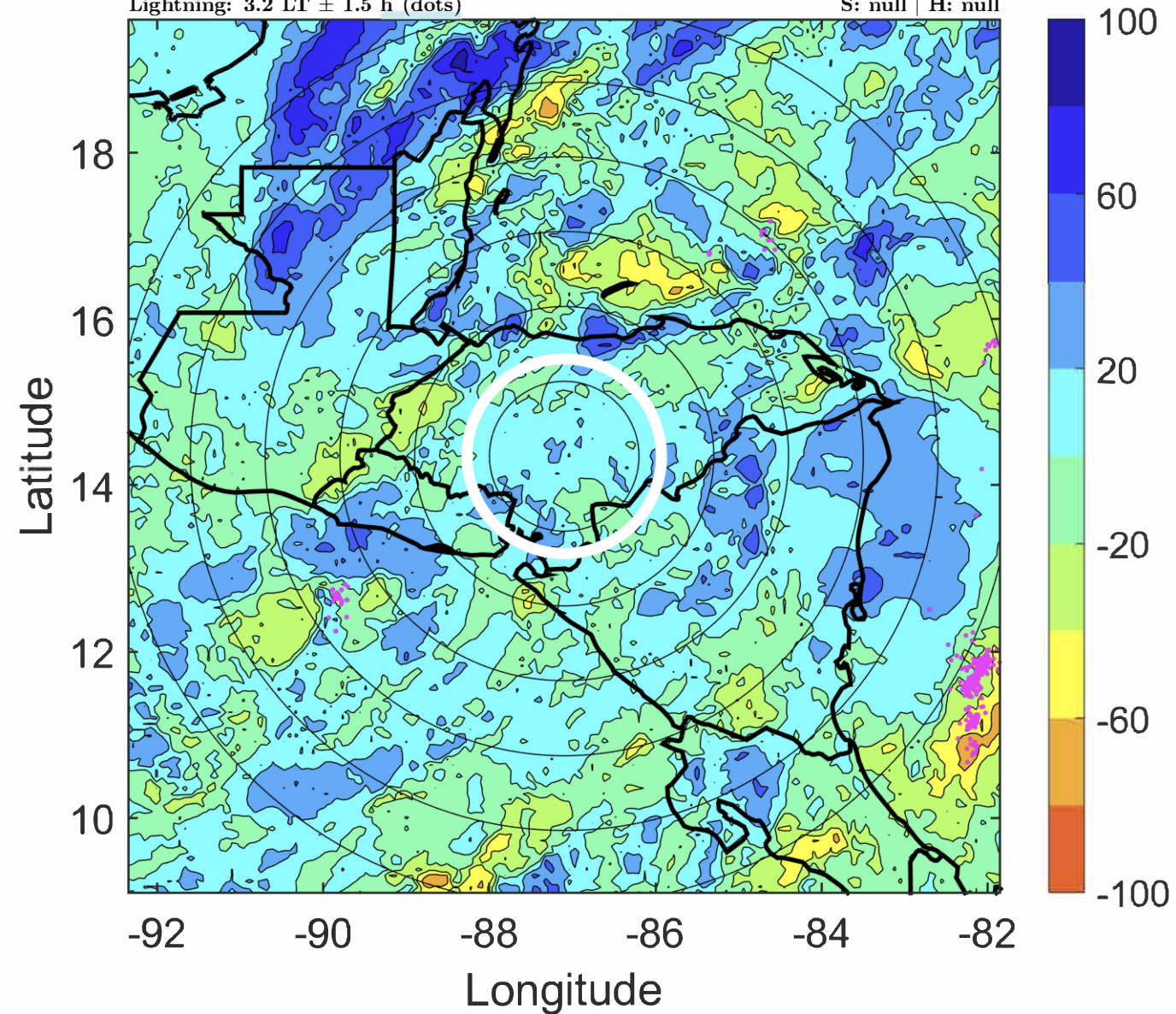
$\Delta$ t: 2020110509 (3.2 LT) - 2020110503 (21.2 LT)

Lightning: 3.2 LT  $\pm$  1.5 h (dots)

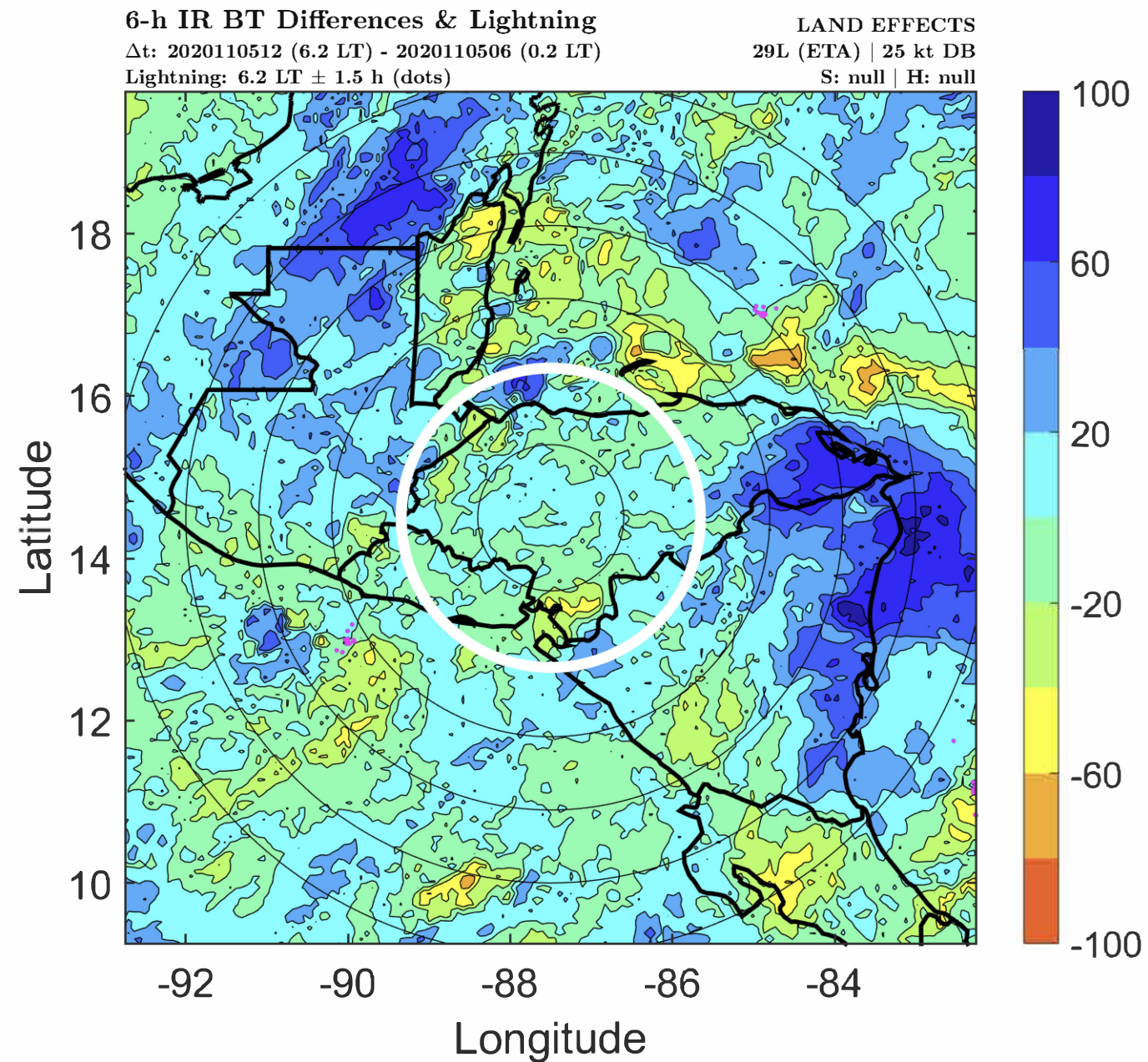
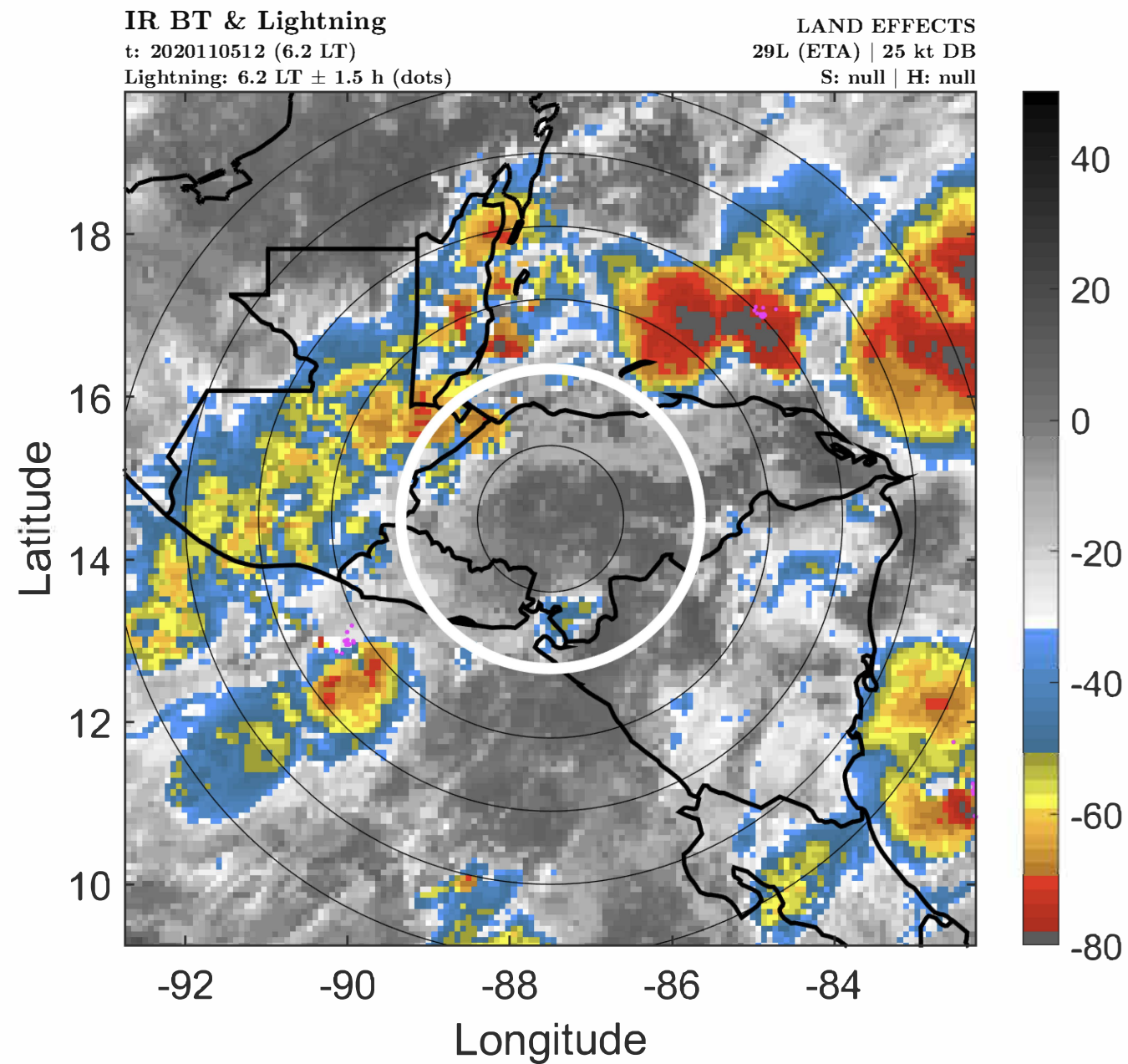
LAND EFFECTS

29L (ETA) | 25 kt DB

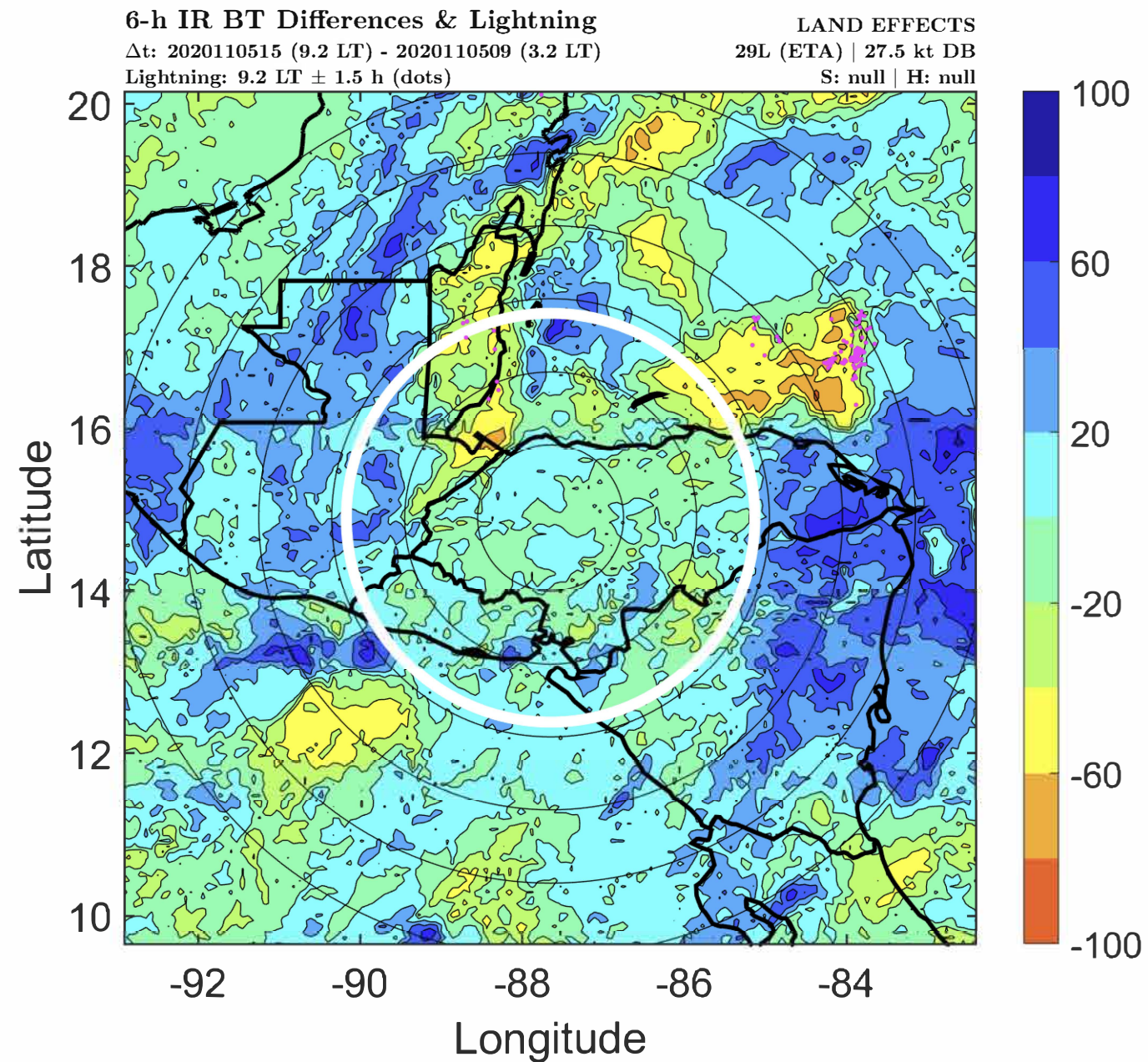
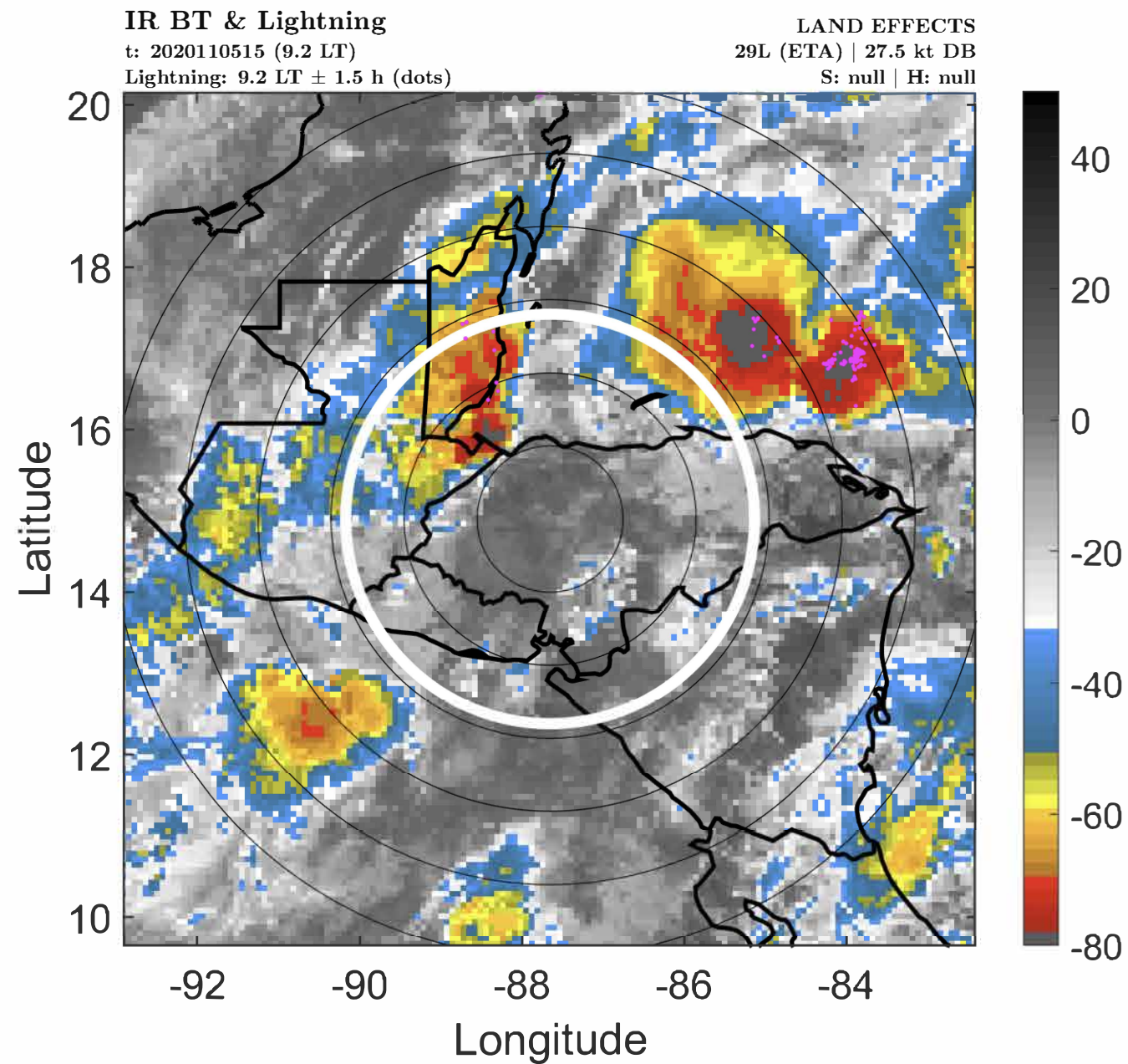
S: null | H: null



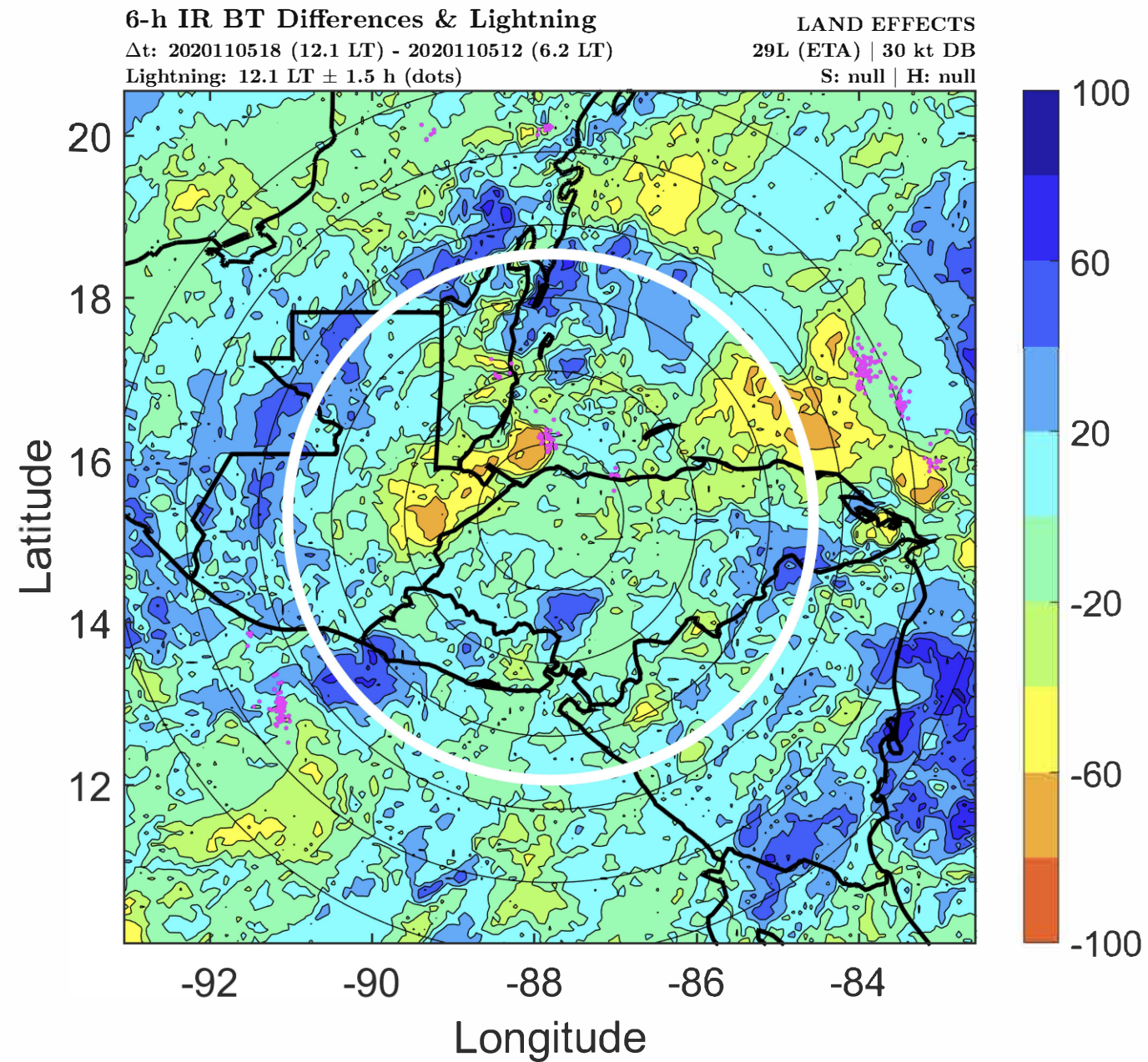
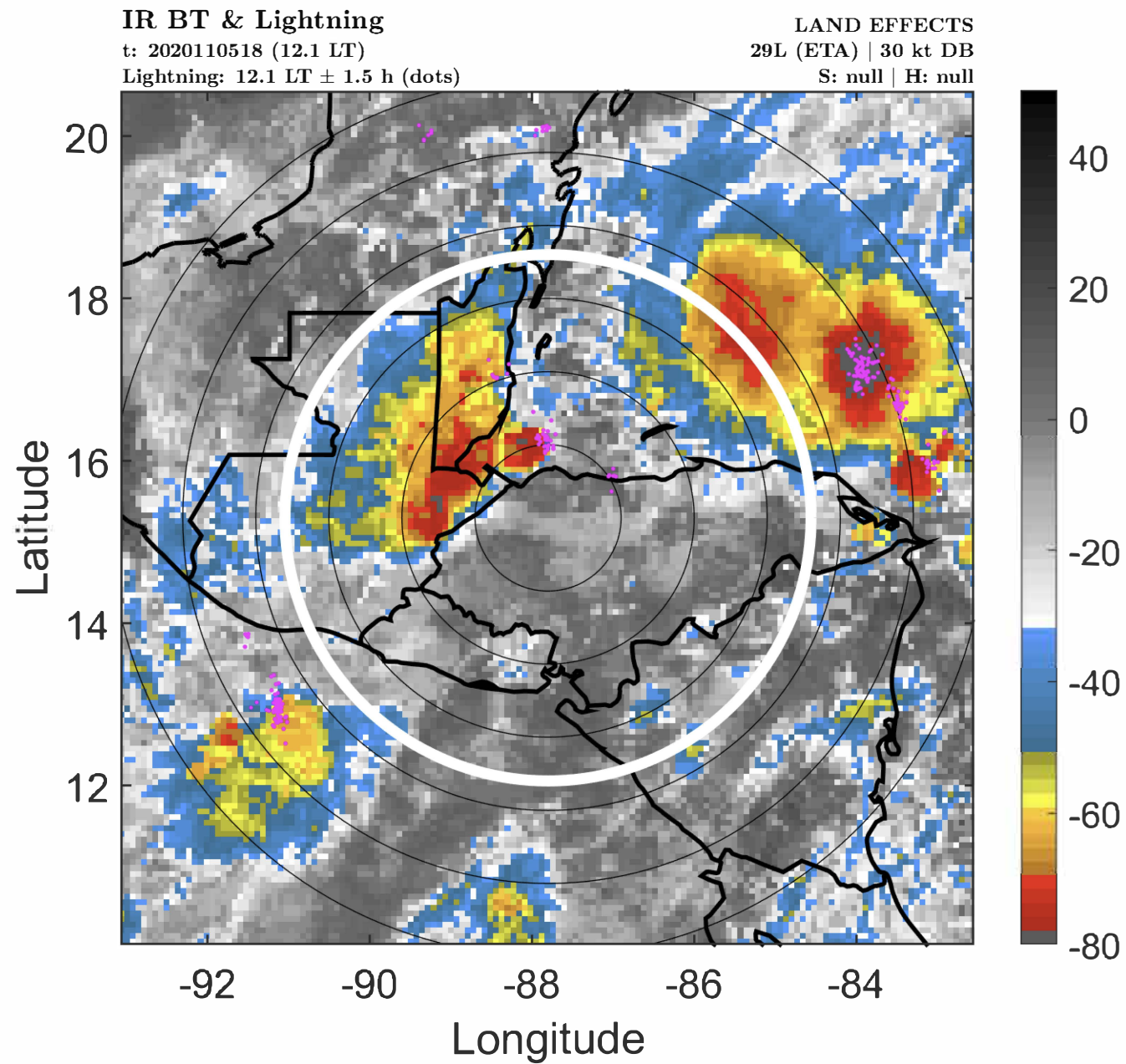














### IR BT & Lightning

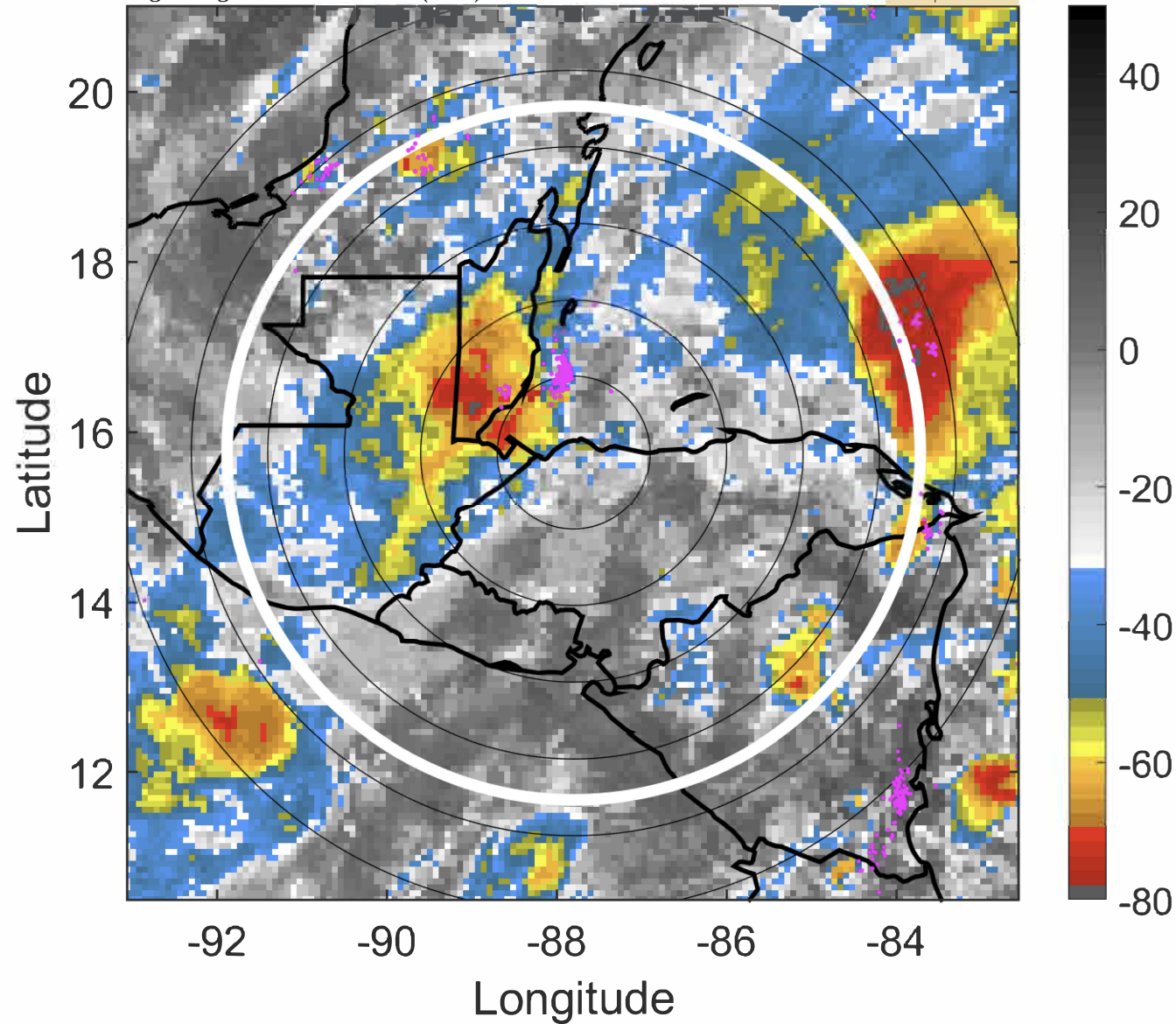
t: 2020110521 (15.1 LT)

Lightning: 15.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 30 kt DB

S: null | H: null



### 6-h IR BT Differences & Lightning

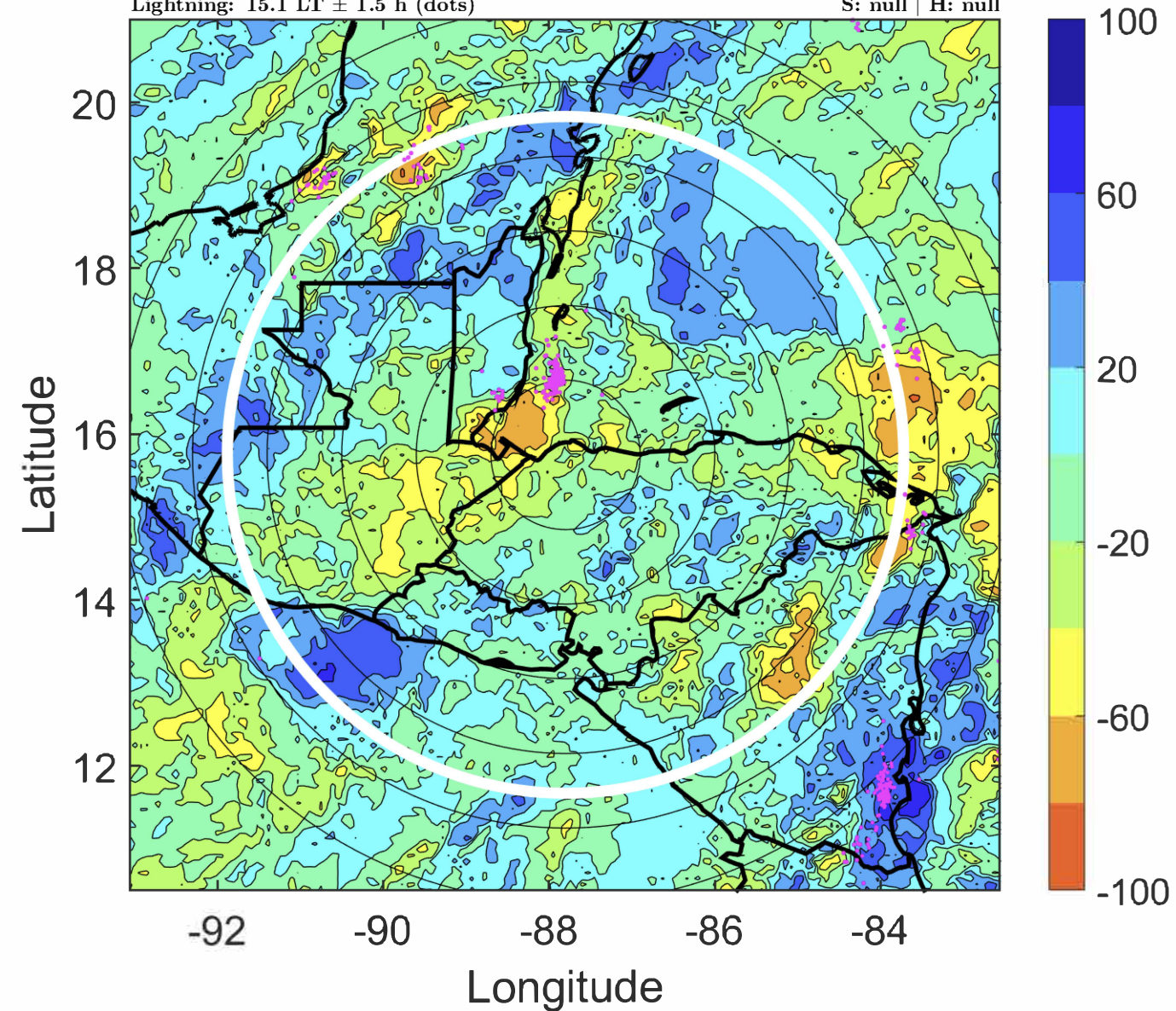
$\Delta$ t: 2020110521 (15.1 LT) - 2020110515 (9.2 LT)

Lightning: 15.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

29L (ETA) | 30 kt DB

S: null | H: null





### IR BT & Lightning

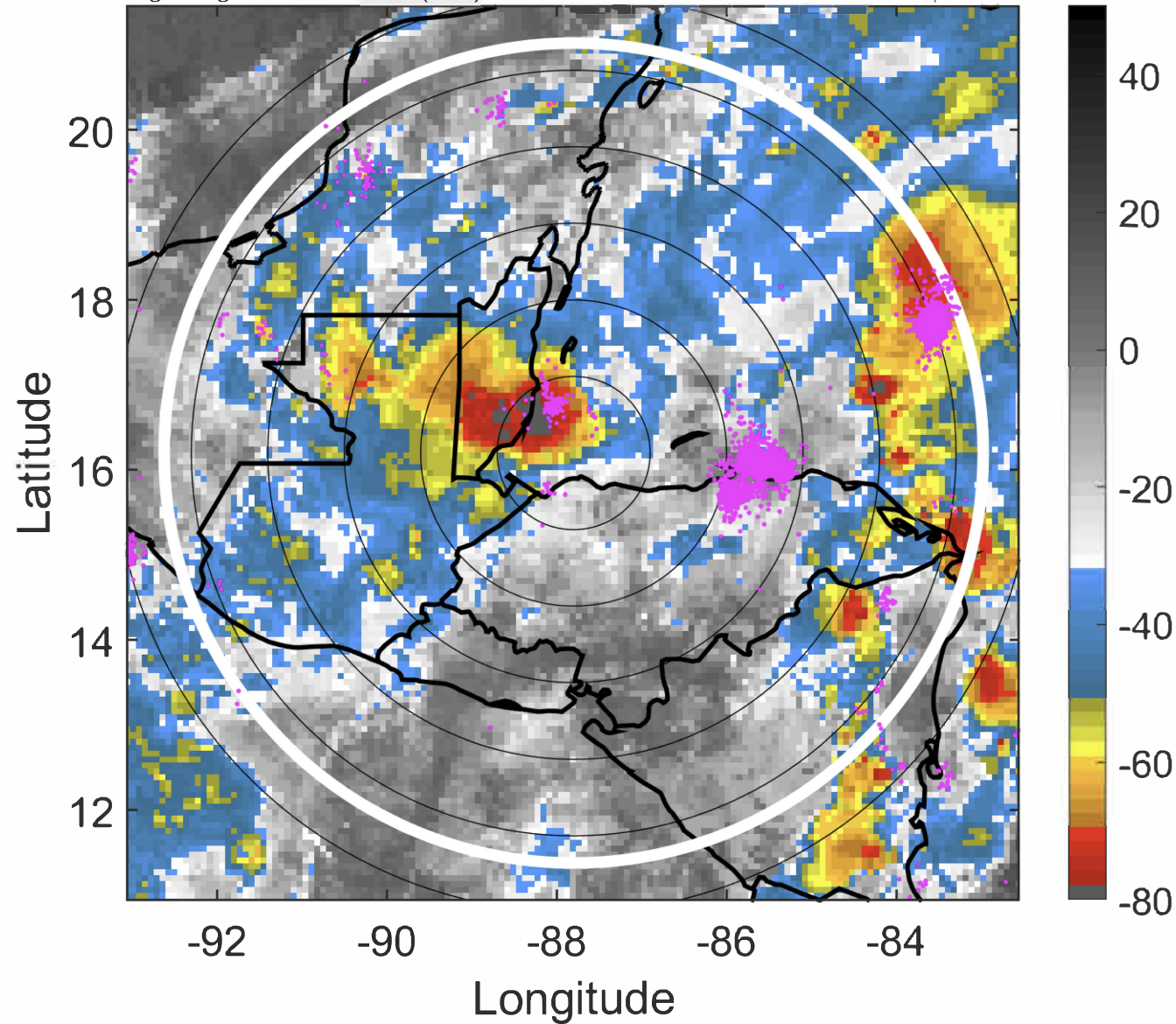
t: 2020110600 (18.1 LT)

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

### LAND EFFECTS

29L (ETA) | 30 kt DB

S: null | H: null



### 6-h IR BT Differences & Lightning

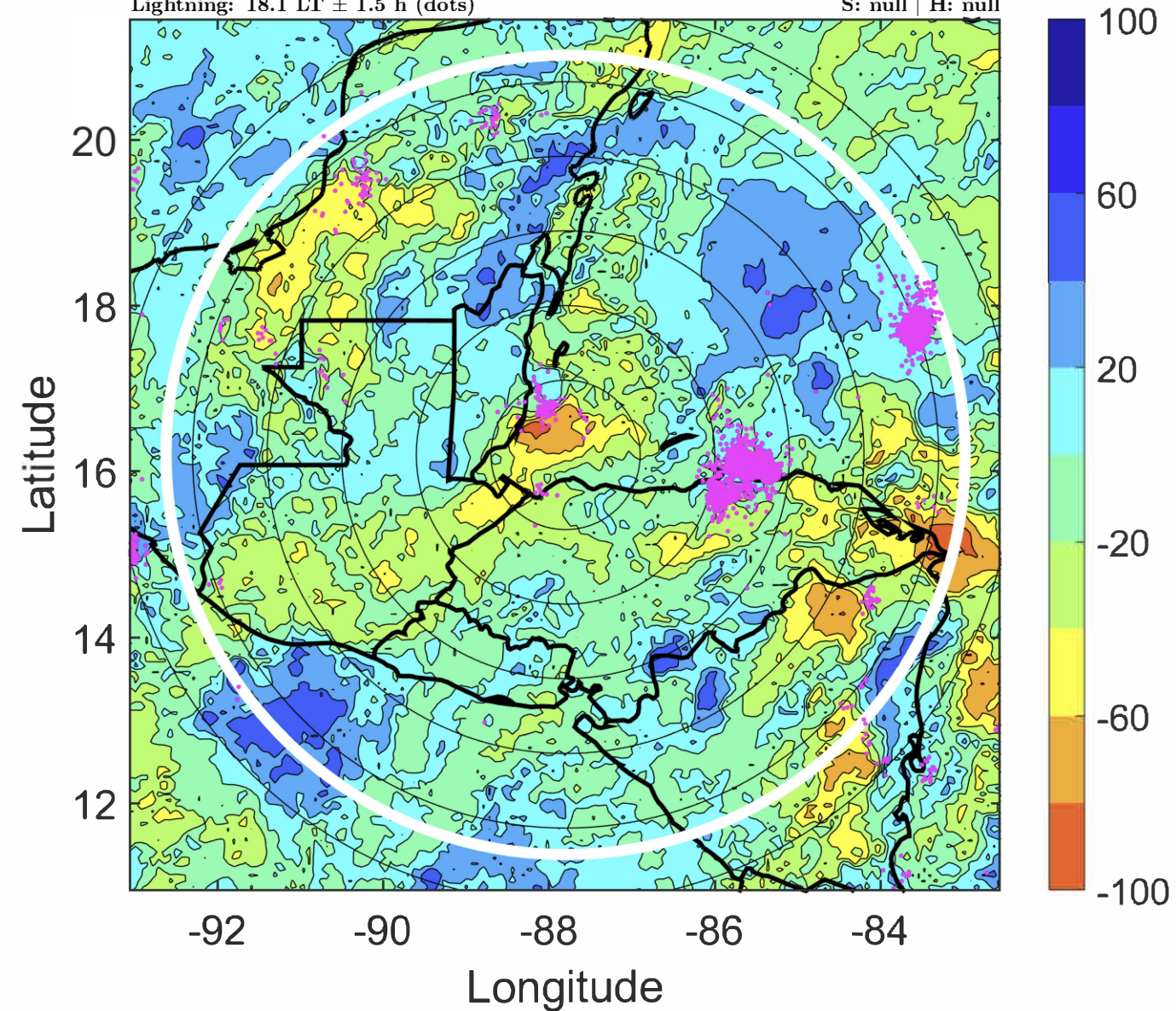
$\Delta$ t: 2020110600 (18.1 LT) - 2020110518 (12.1 LT)

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

### LAND EFFECTS

29L (ETA) | 30 kt DB

S: null | H: null





### IR BT & Lightning

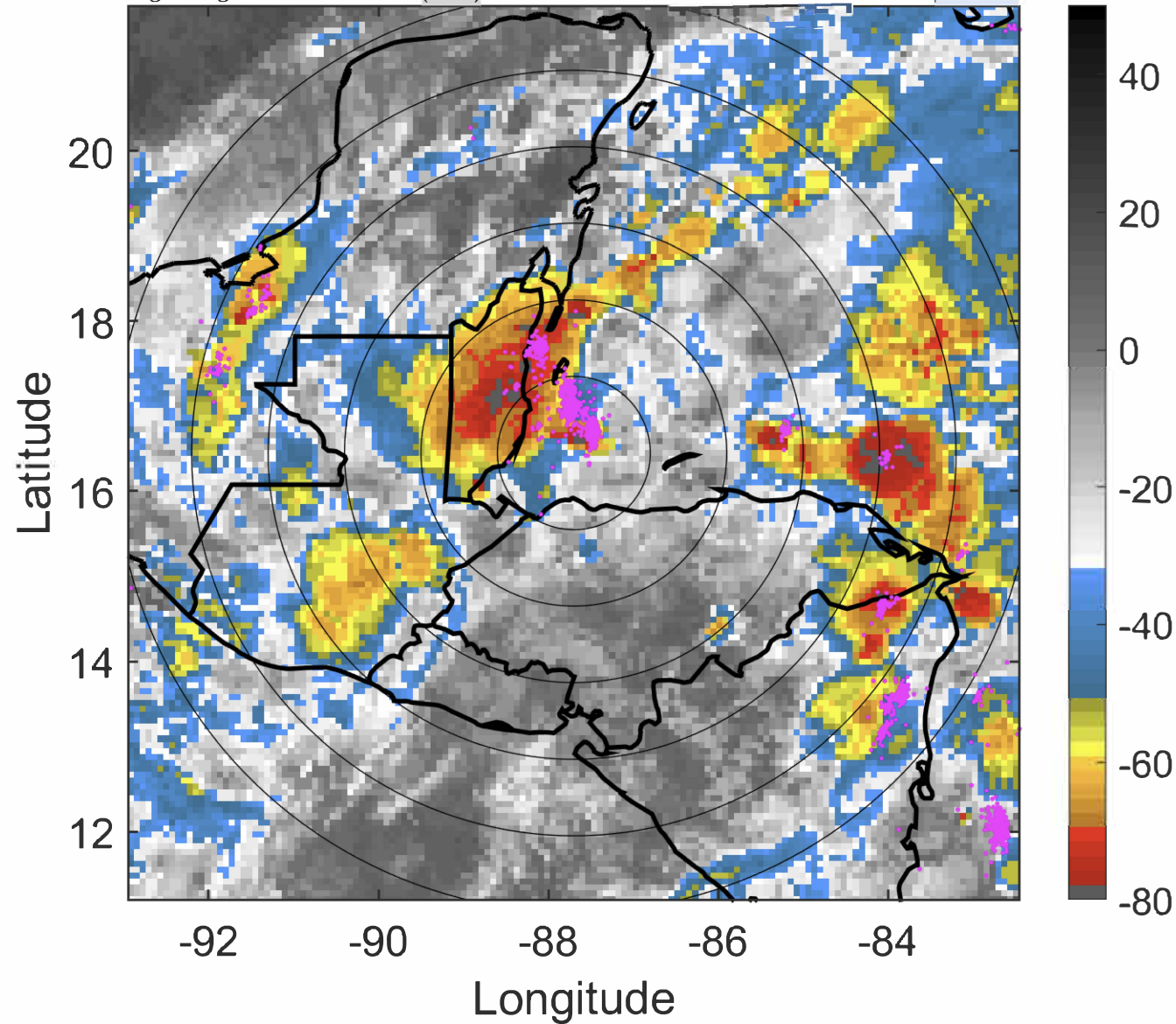
t: 2020110603 (21.2 LT)

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

LAND EFFECTS

29L (ETA) | 30 kt DB

S: null | H: null



### 6-h IR BT Differences & Lightning

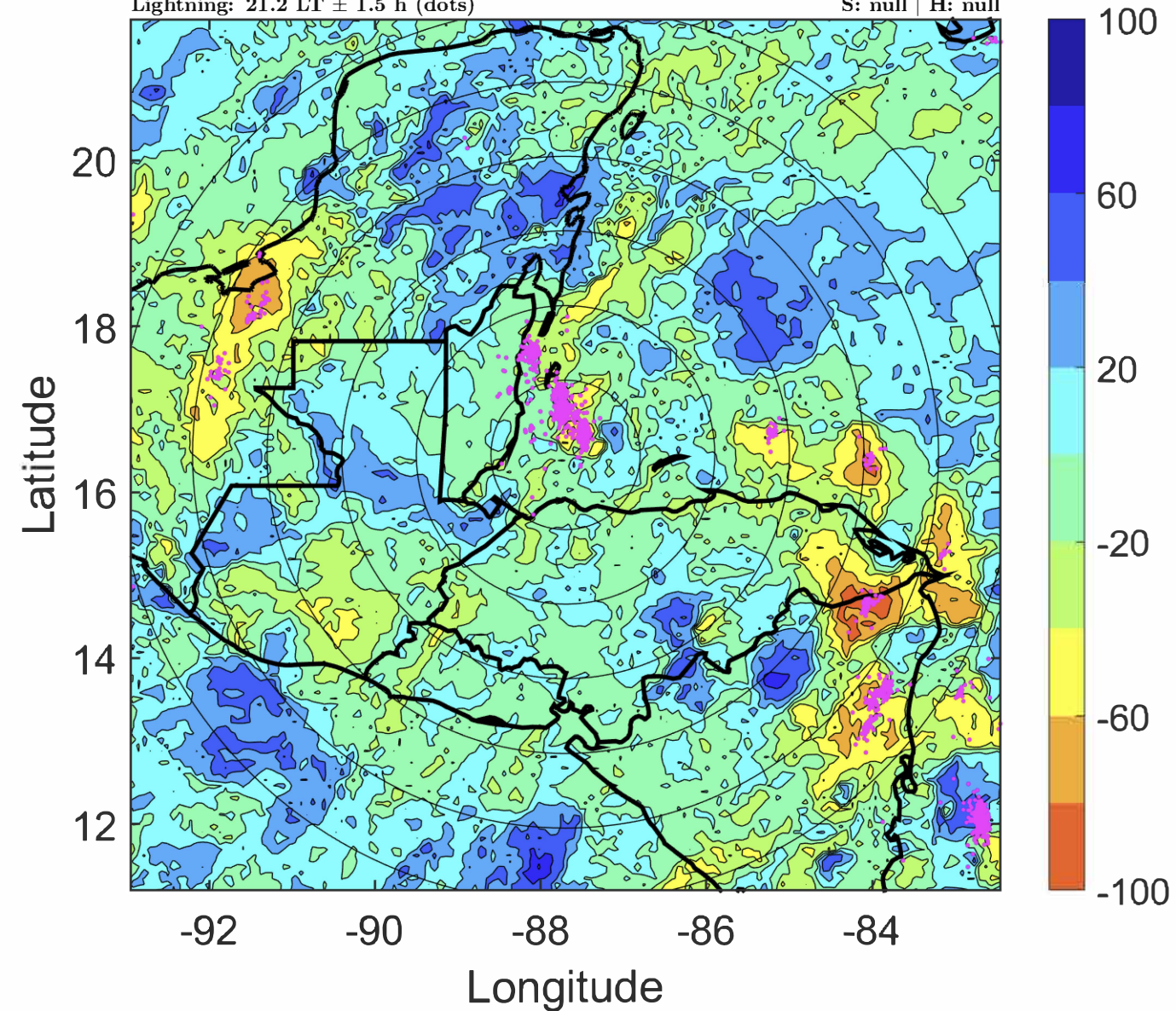
$\Delta$ t: 2020110603 (21.2 LT) - 2020110521 (15.1 LT)

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

LAND EFFECTS

29L (ETA) | 30 kt DB

S: null | H: null





### IR BT & Lightning

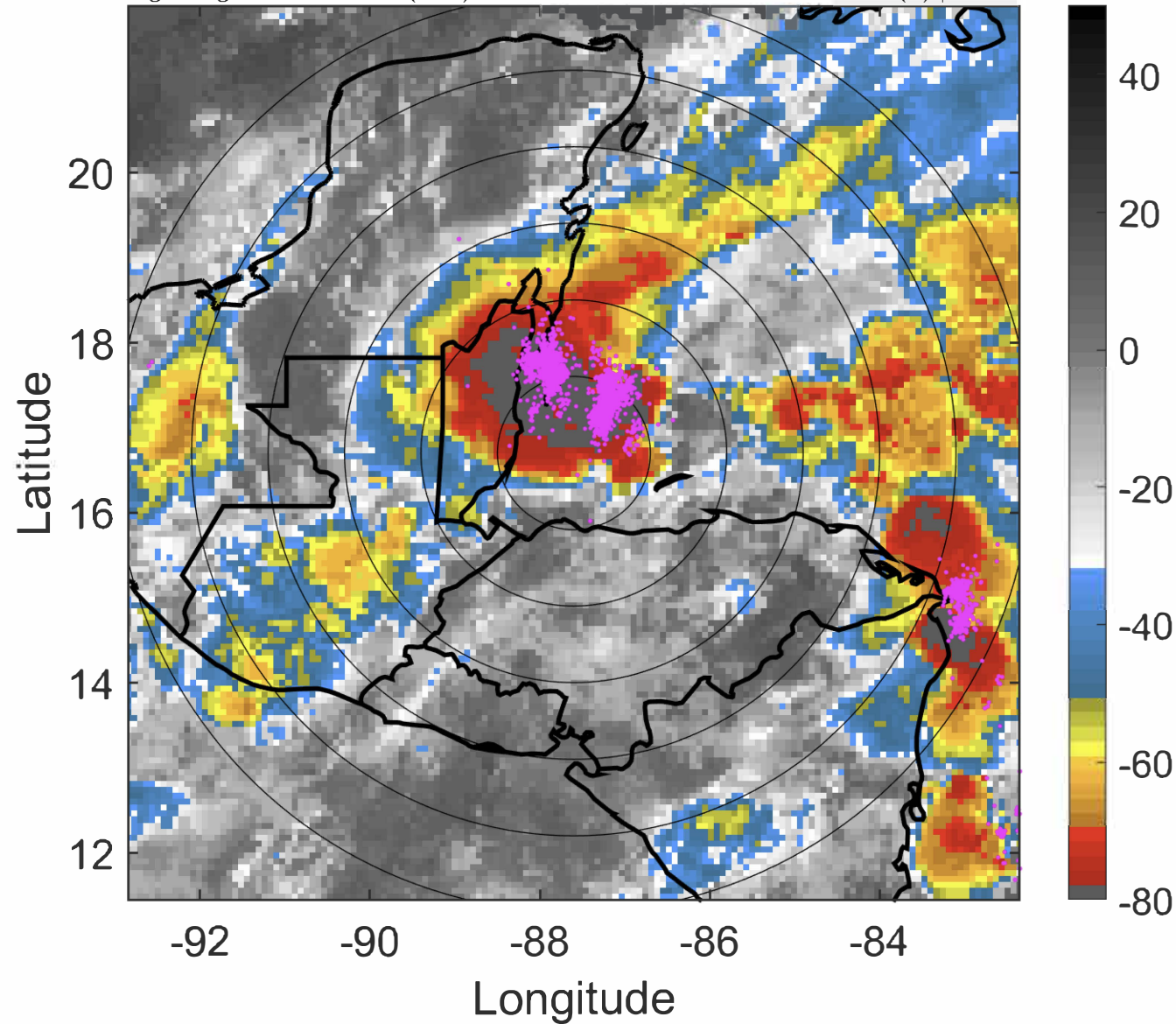
t: 2020110606 (0.2 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 4 m s<sup>-1</sup> (L) | H: 38°



### 6-h IR BT Differences & Lightning

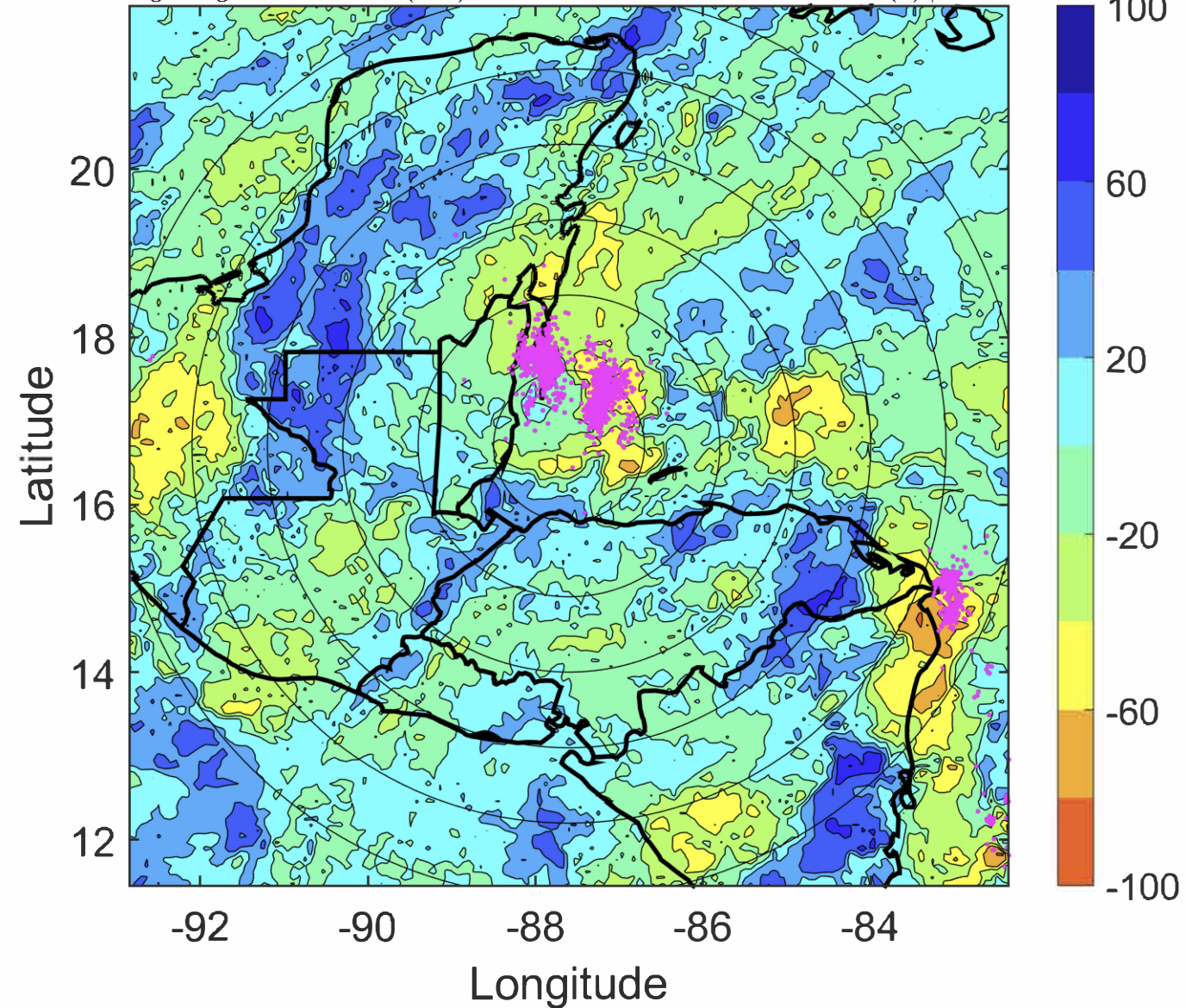
$\Delta$ t: 2020110606 (0.2 LT) - 2020110600 (18.1 LT)

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

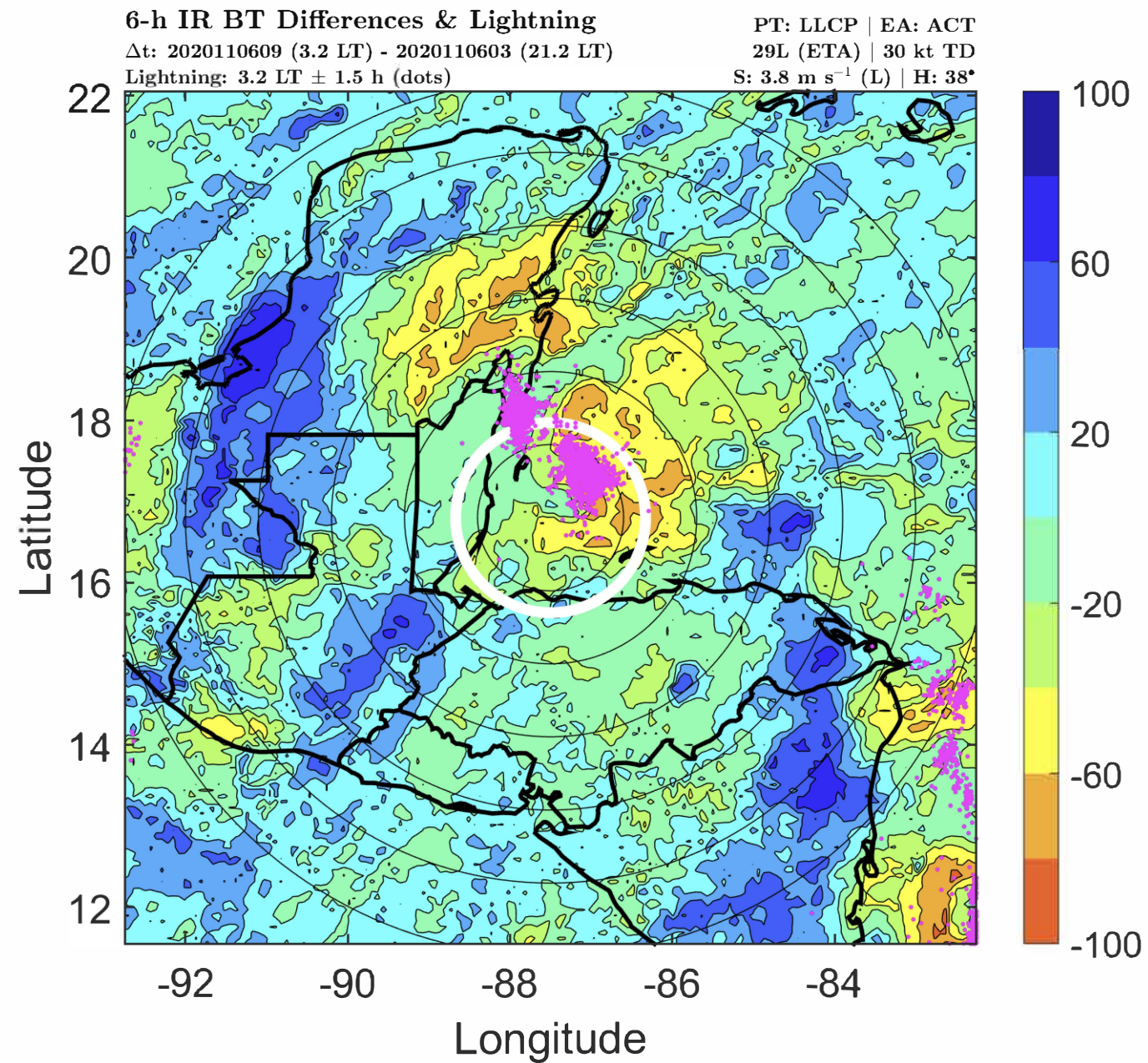
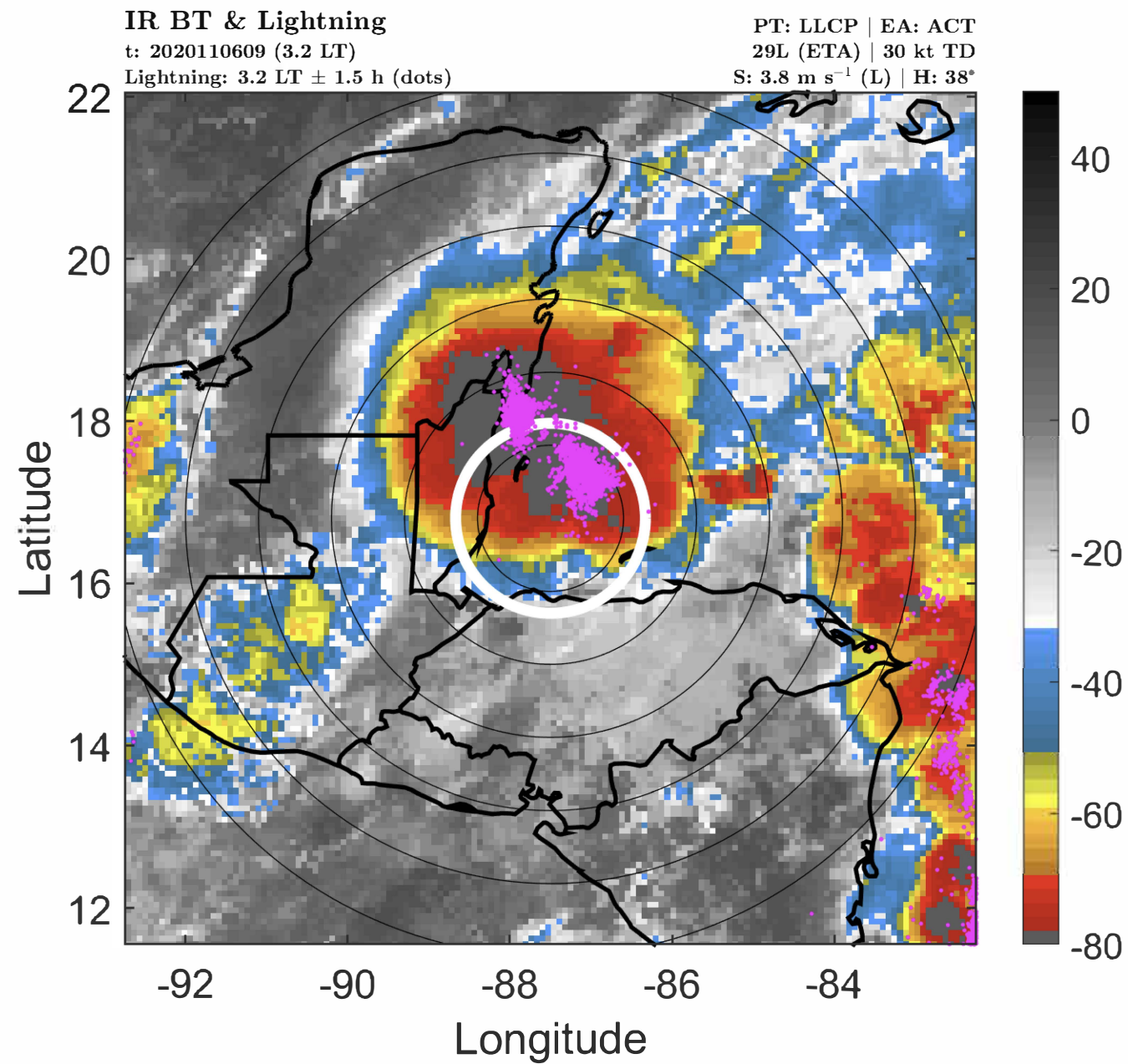
PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

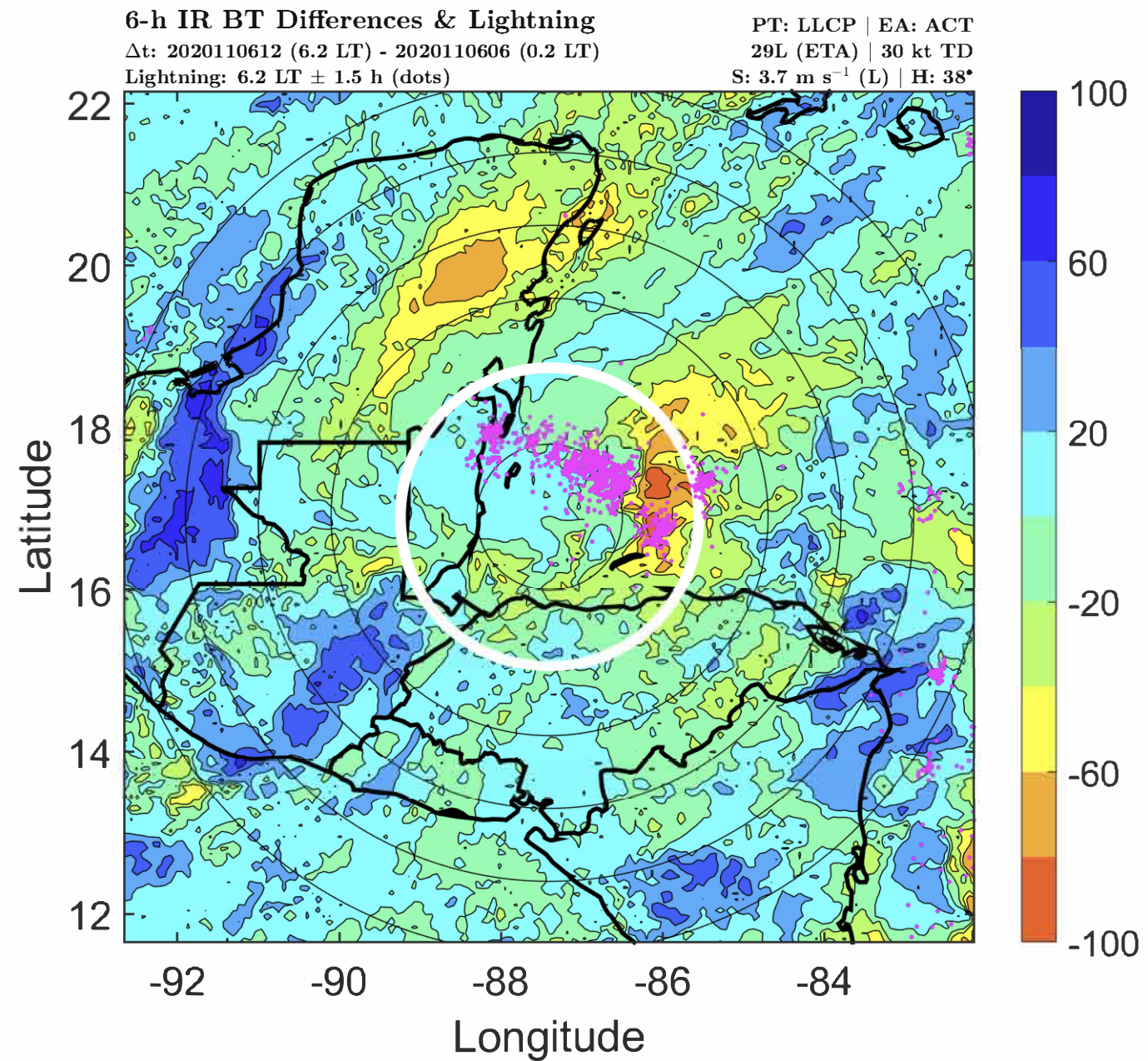
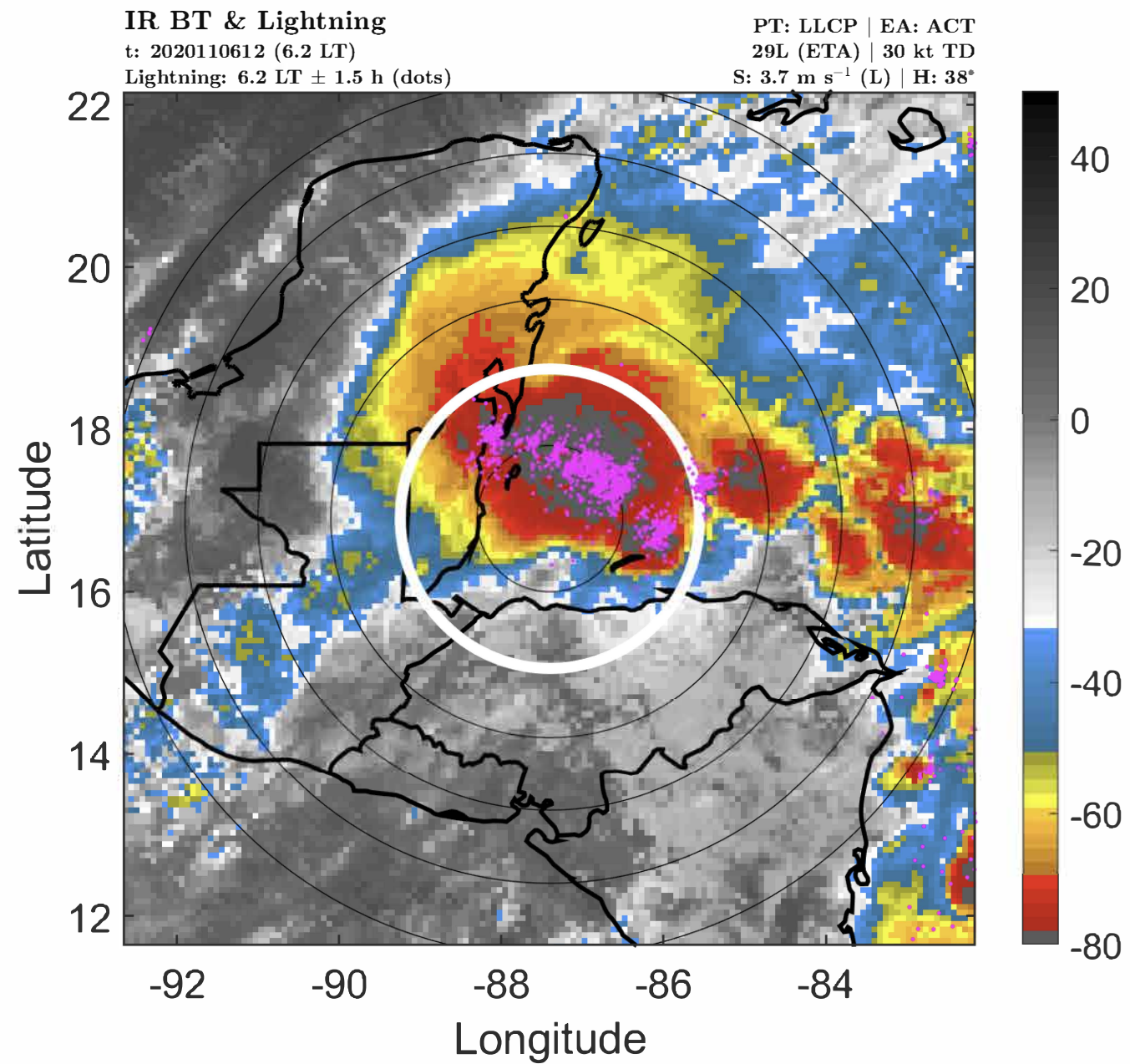
S: 4 m s<sup>-1</sup> (L) | H: 38°













# IR BT & Lightning

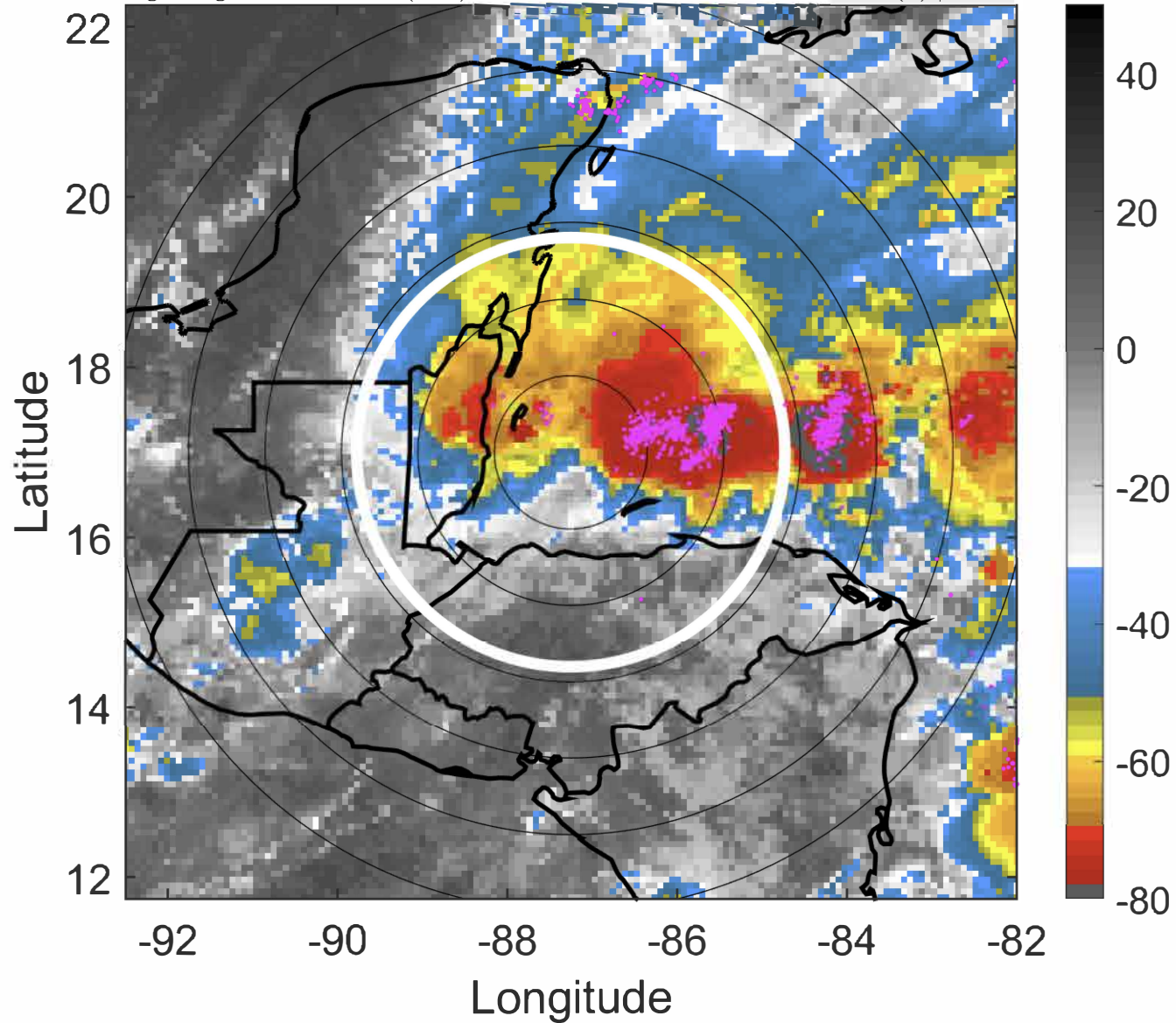
t: 2020110615 (9.2 LT)

Lightning: 9.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 3.7 m s<sup>-1</sup> (L) | H: 52°



# 6-h IR BT Differences & Lightning

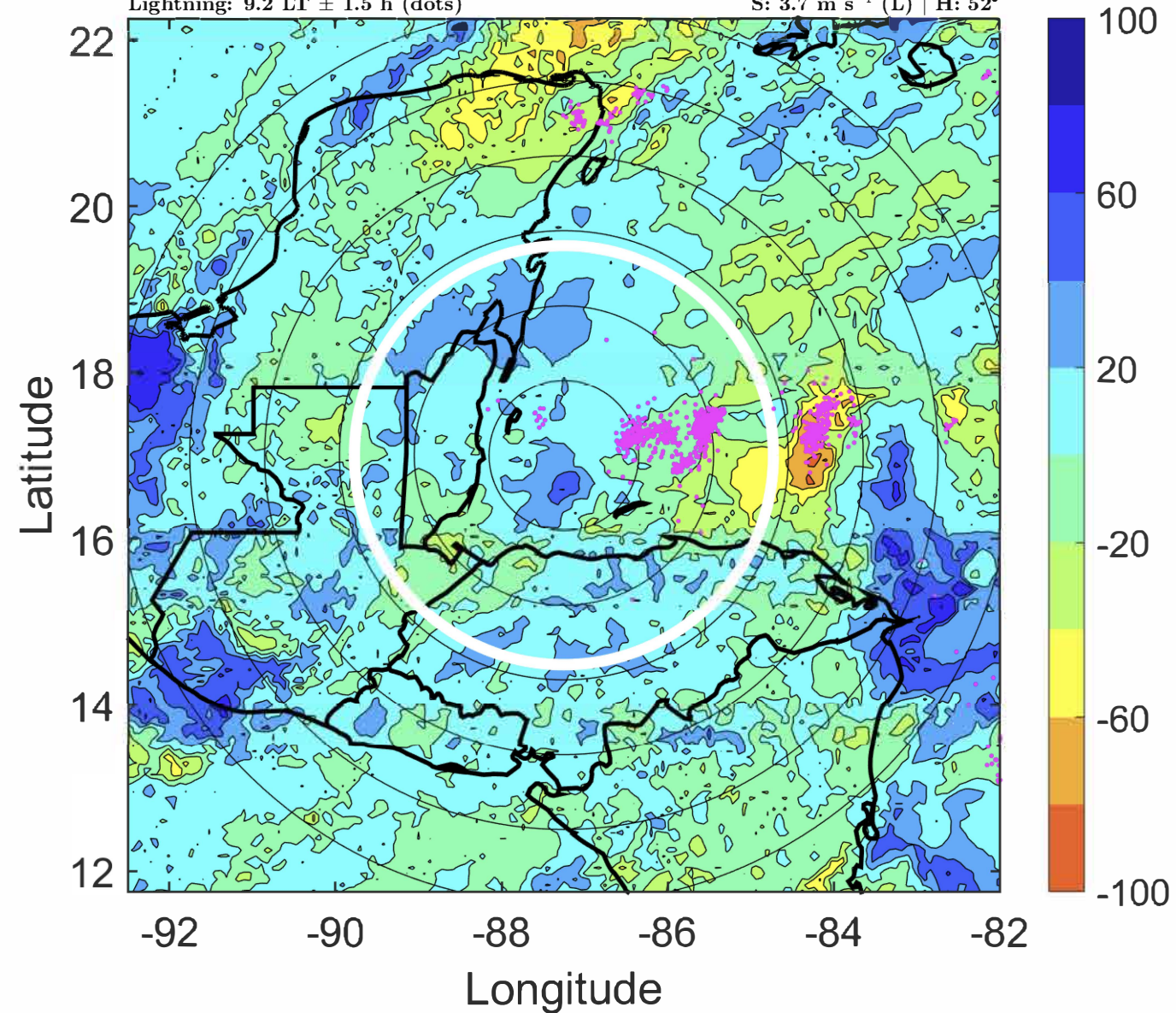
$\Delta$ t: 2020110615 (9.2 LT) - 2020110609 (3.2 LT)

Lightning: 9.2 LT  $\pm$  1.5 h (dots)

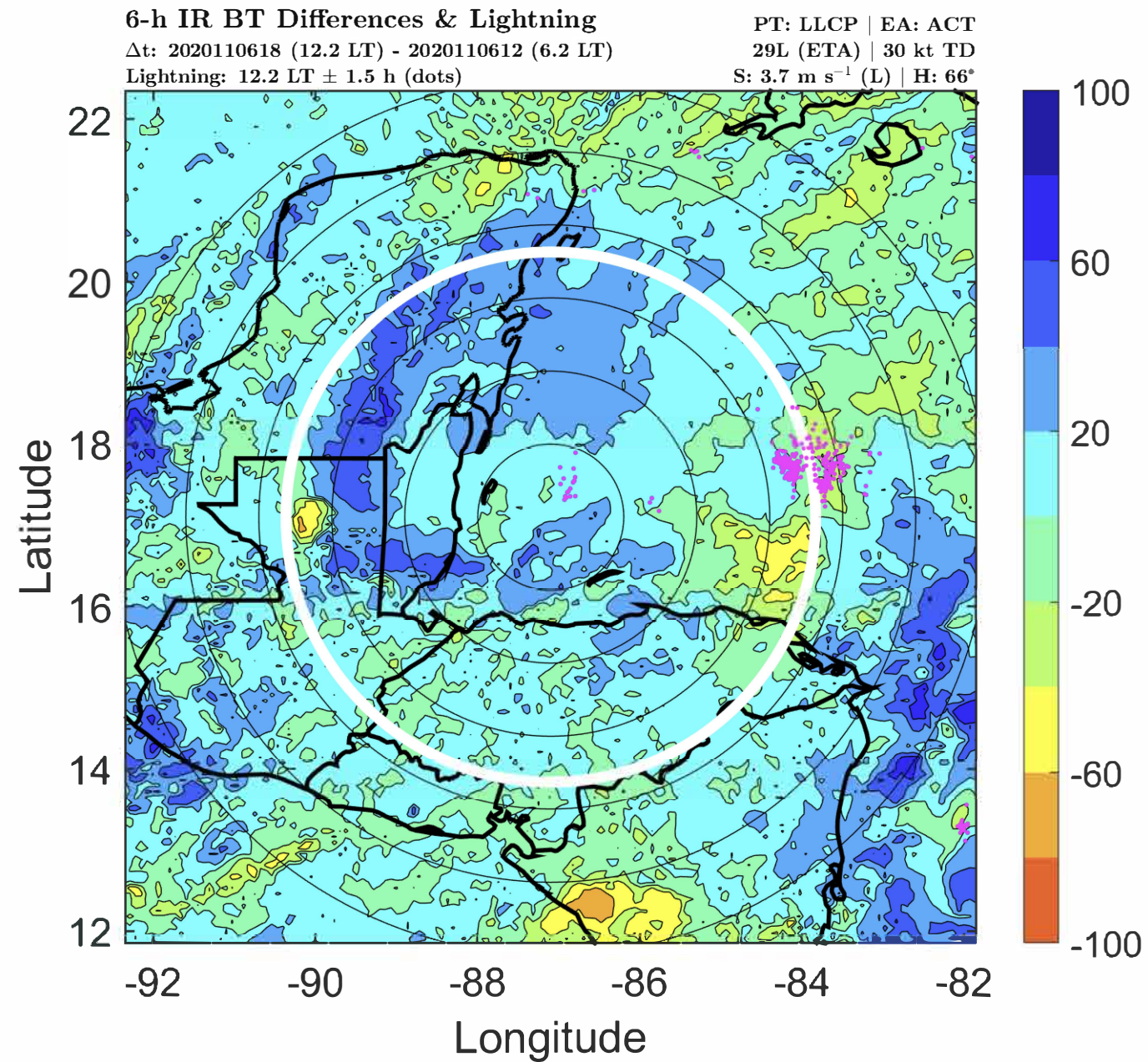
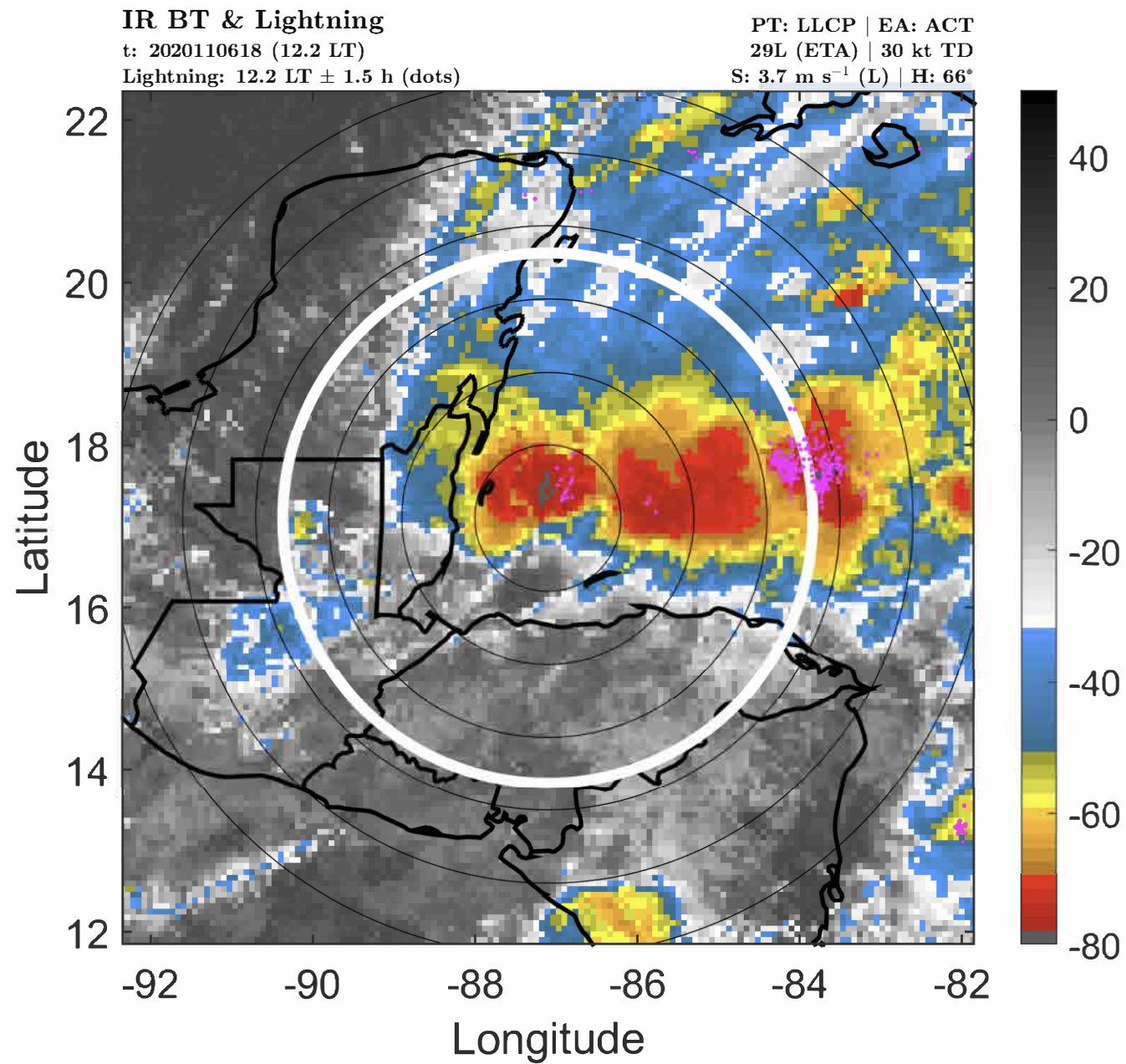
PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 3.7 m s<sup>-1</sup> (L) | H: 52°









### IR BT & Lightning

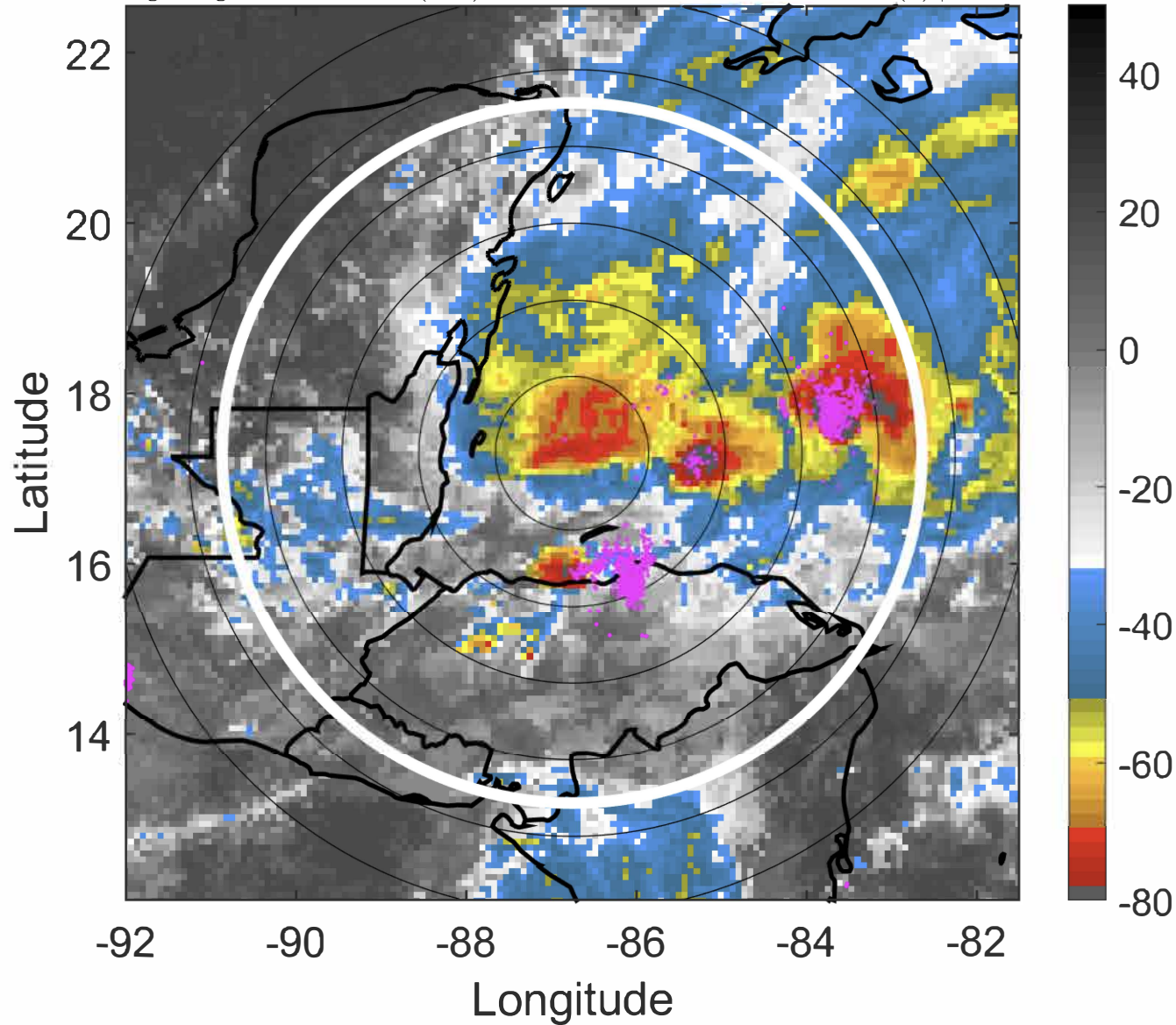
t: 2020110621 (15.2 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 4.2 m s<sup>-1</sup> (L) | H: 64°



### 6-h IR BT Differences & Lightning

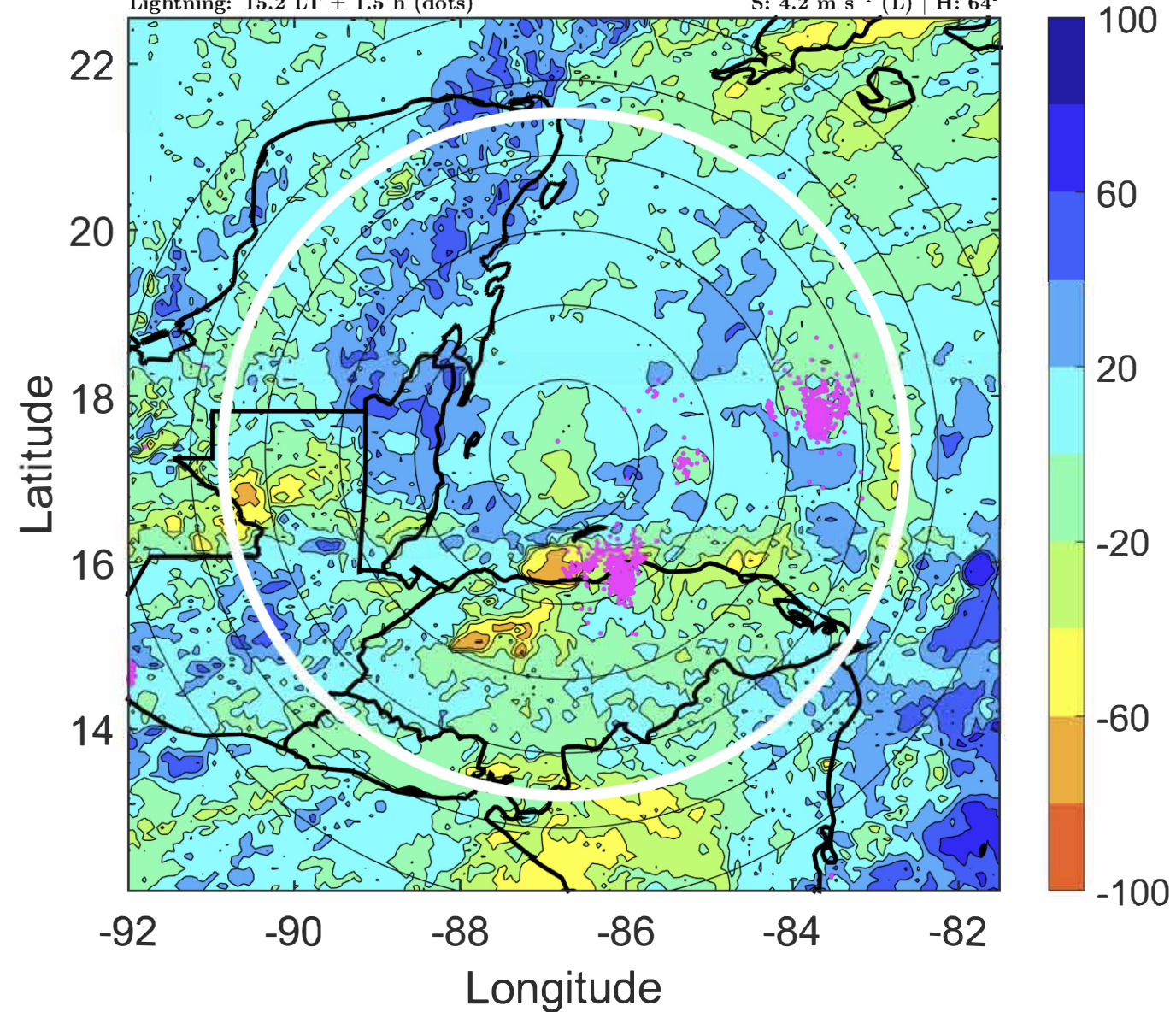
$\Delta$ t: 2020110621 (15.2 LT) - 2020110615 (9.2 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 4.2 m s<sup>-1</sup> (L) | H: 64°





### IR BT & Lightning

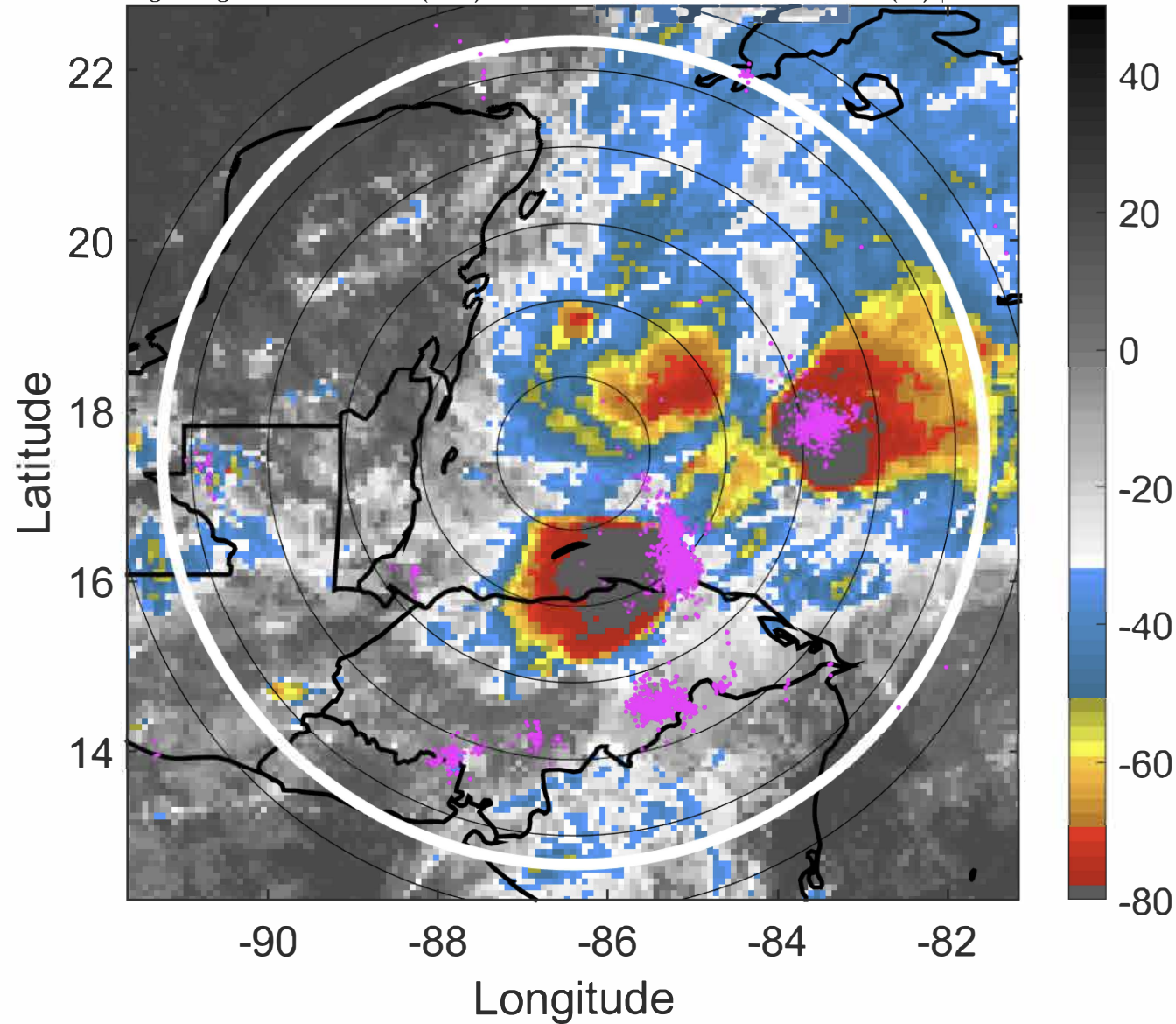
t: 2020110700 (18.2 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 4.7 m s<sup>-1</sup> (M) | H: 62°



### 6-h IR BT Differences & Lightning

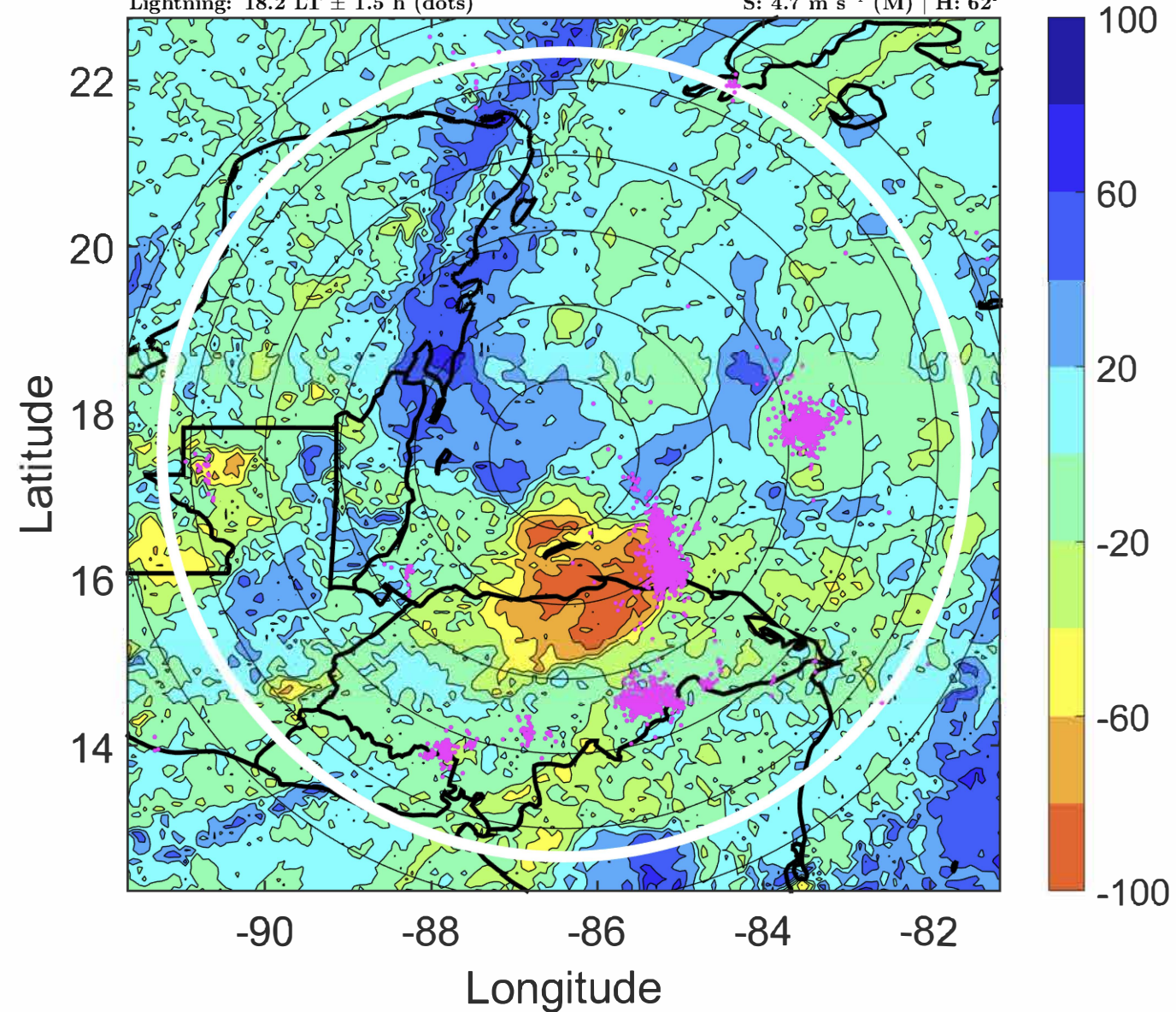
$\Delta$ t: 2020110700 (18.2 LT) - 2020110618 (12.2 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 30 kt TD

S: 4.7 m s<sup>-1</sup> (M) | H: 62°





### IR BT & Lightning

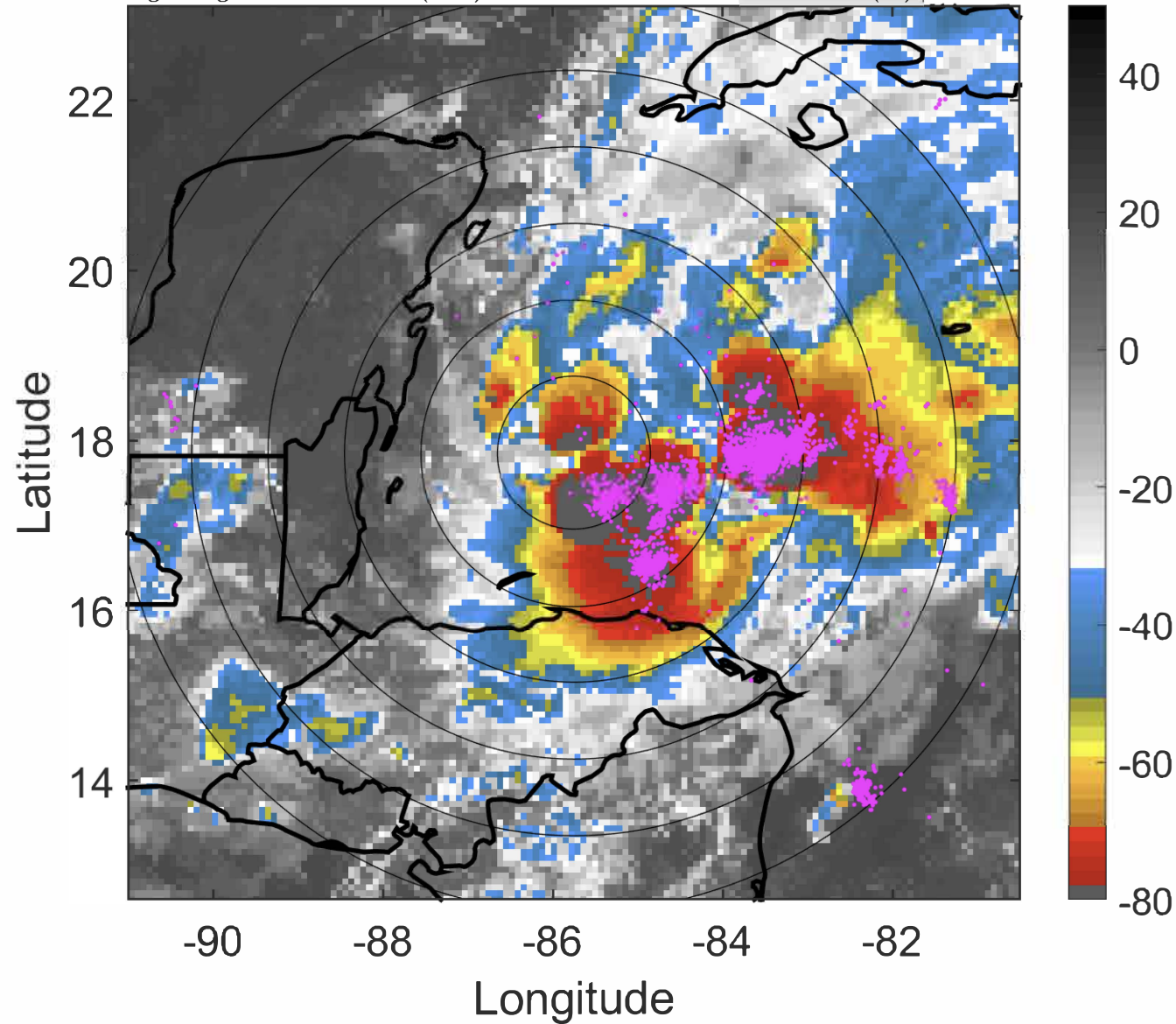
t: 2020110703 (21.3 LT)

Lightning: 21.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 32.5 kt TD

S: 4.6 m s<sup>-1</sup> (M) | H: 62.5°



### 6-h IR BT Differences & Lightning

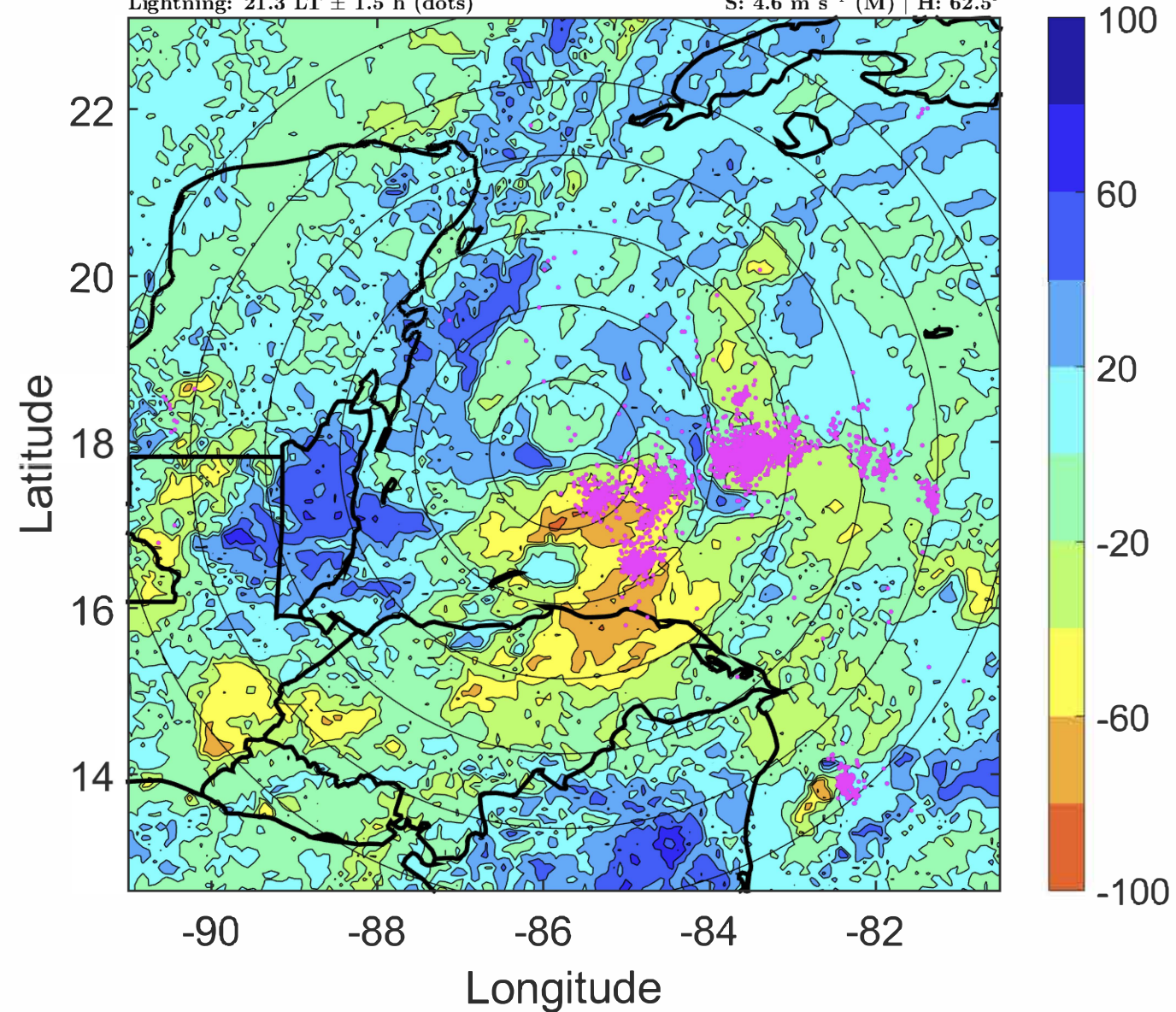
$\Delta$ t: 2020110703 (21.3 LT) - 2020110621 (15.2 LT)

Lightning: 21.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 32.5 kt TD

S: 4.6 m s<sup>-1</sup> (M) | H: 62.5°





### IR BT & Lightning

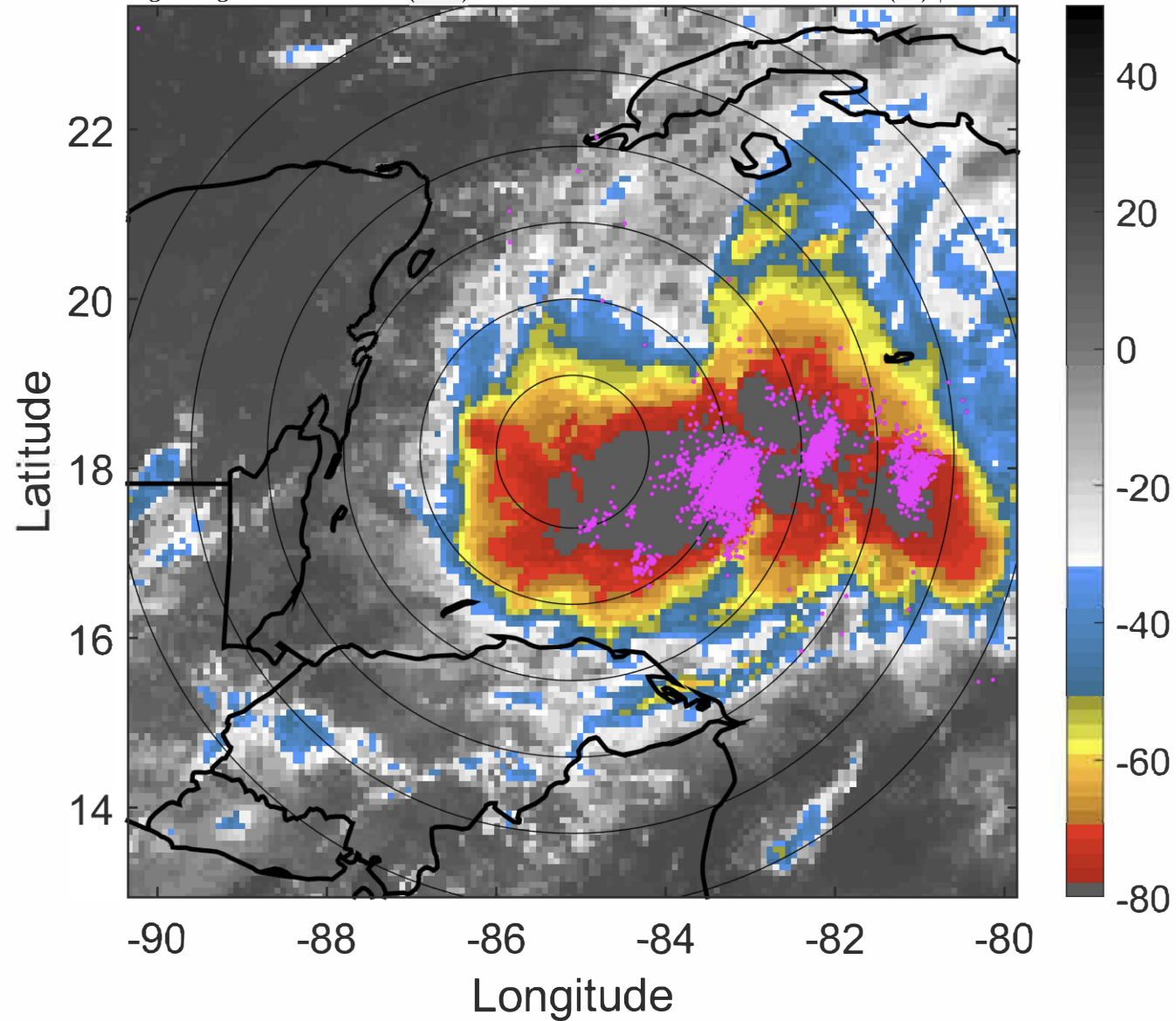
t: 2020110706 (0.3 LT)

Lightning: 0.3 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 35 kt TS

S: 4.5 m s<sup>-1</sup> (M) | H: 63°



### 6-h IR BT Differences & Lightning

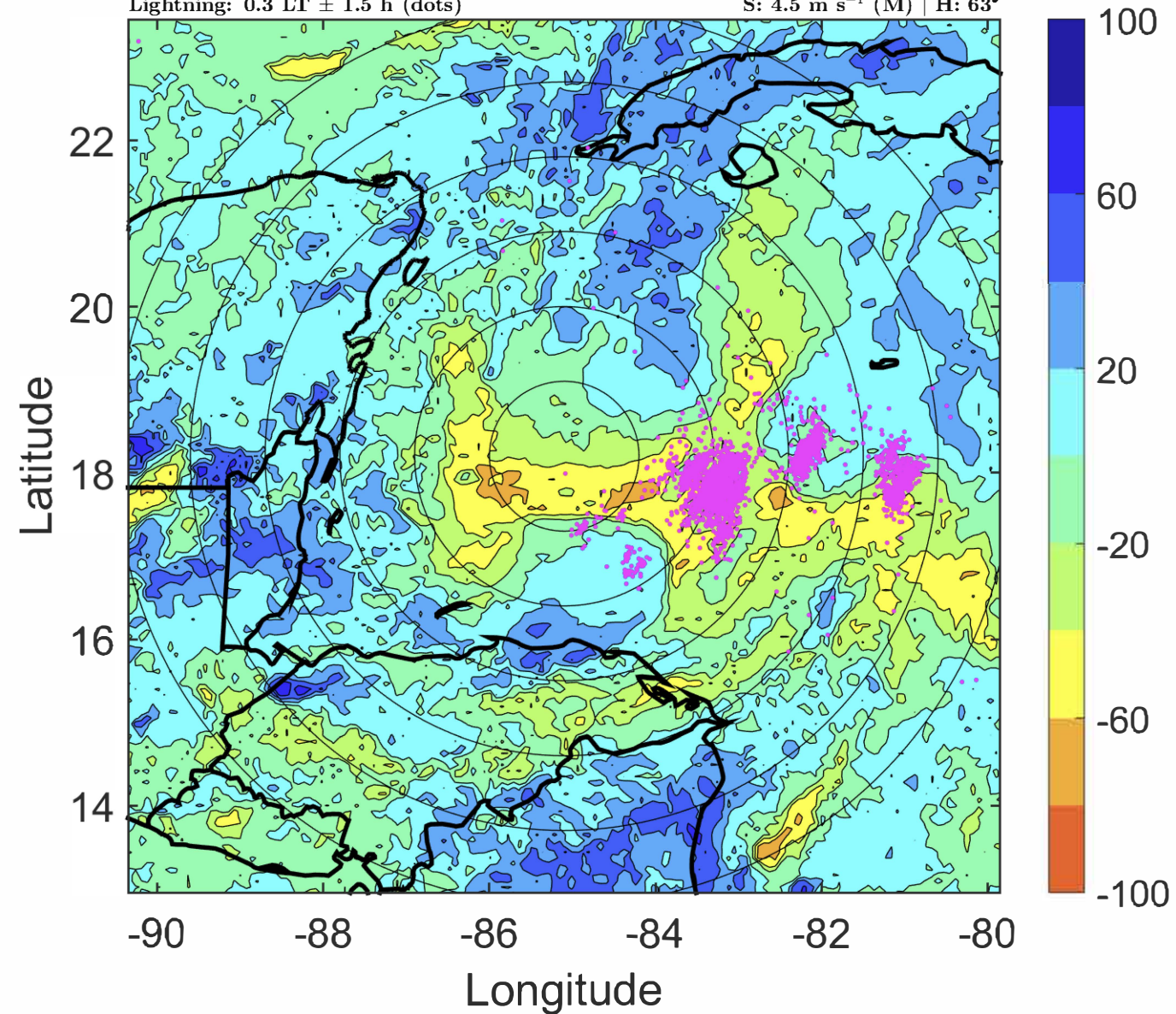
$\Delta$ t: 2020110706 (0.3 LT) - 2020110700 (18.2 LT)

Lightning: 0.3 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 35 kt TS

S: 4.5 m s<sup>-1</sup> (M) | H: 63°





### IR BT & Lightning

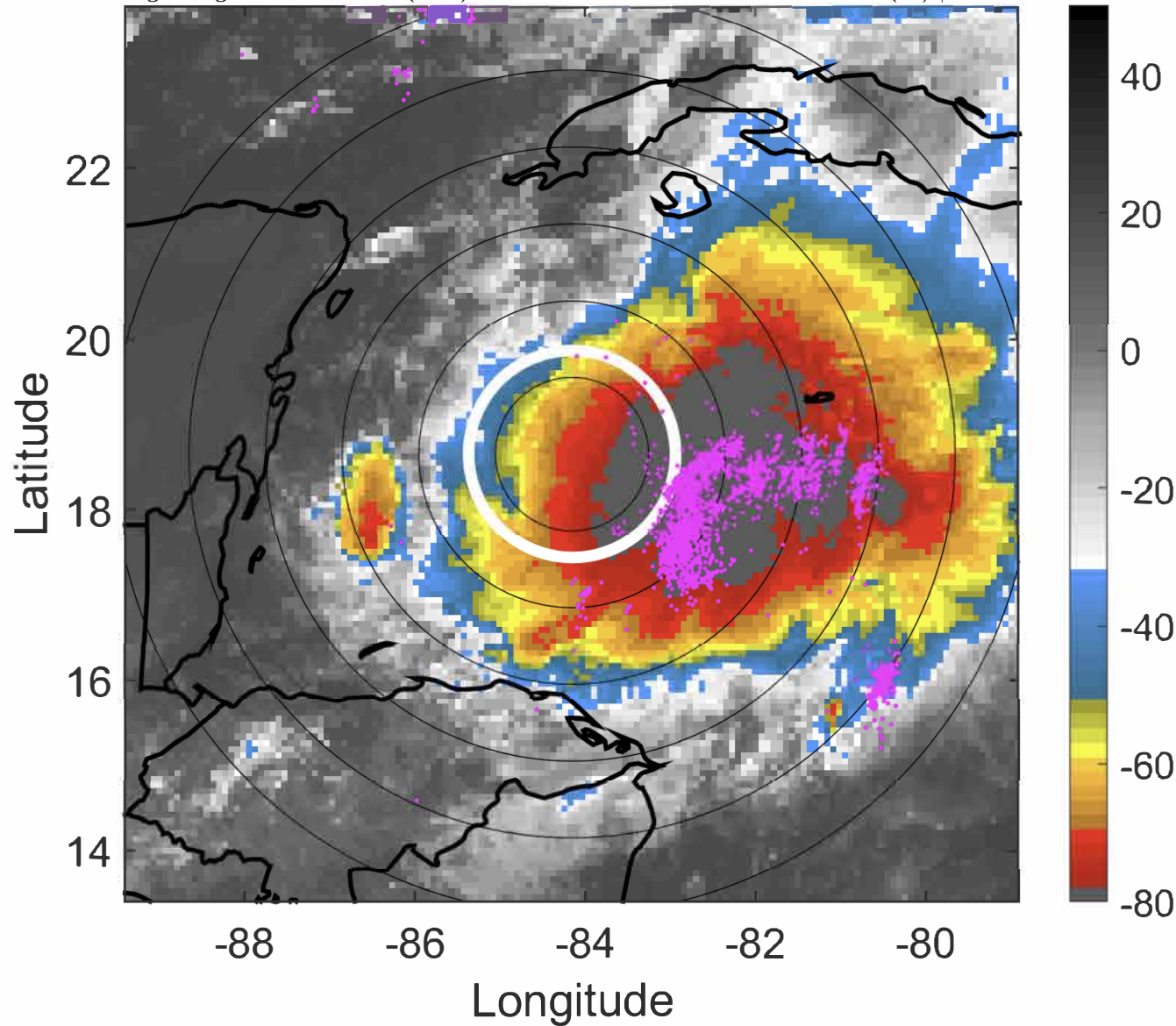
t: 2020110709 (3.4 LT)

Lightning: 3.4 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 40 kt TS

S: 4.9 m s<sup>-1</sup> (M) | H: 67°



### 6-h IR BT Differences & Lightning

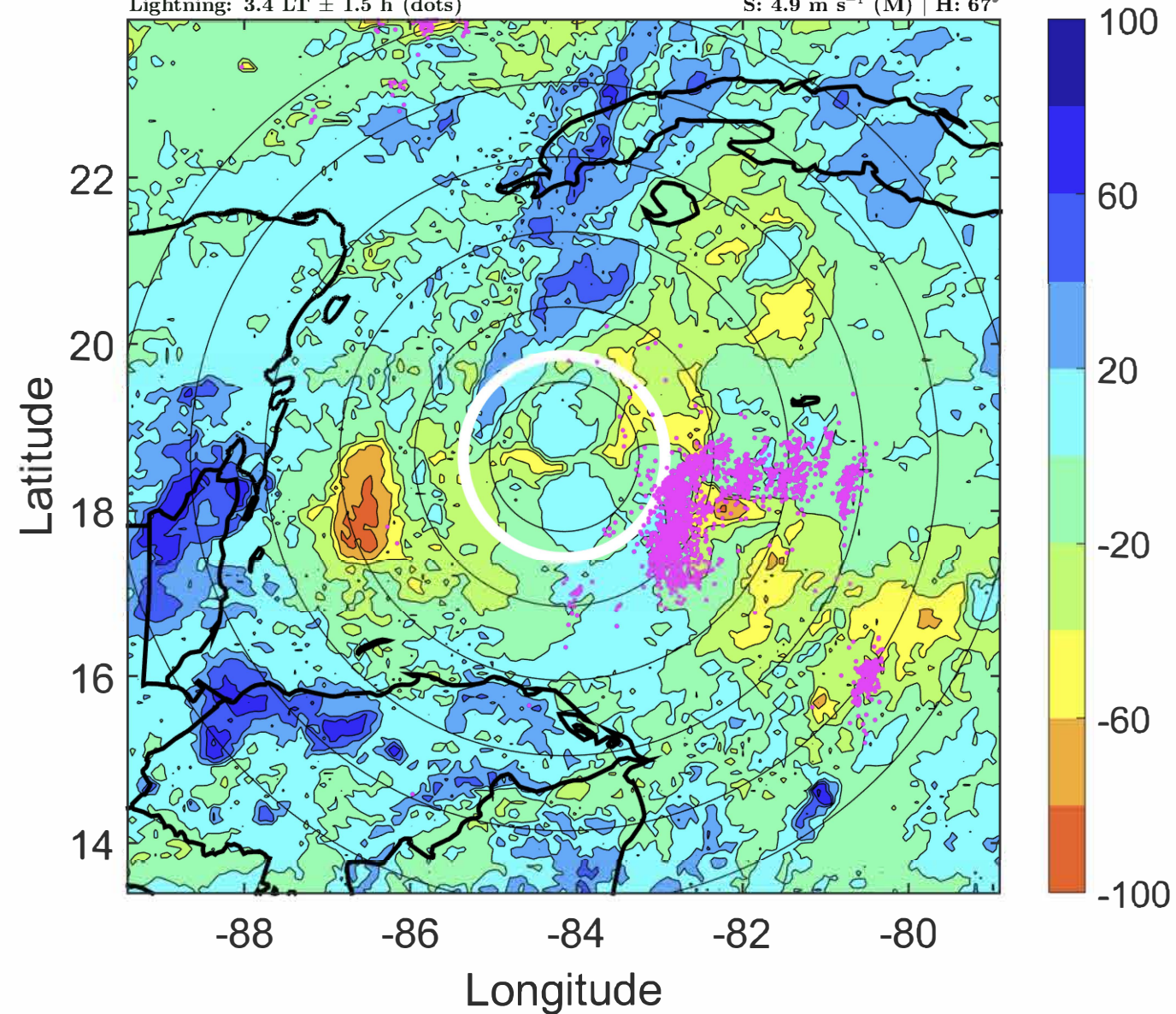
$\Delta$ t: 2020110709 (3.4 LT) - 2020110703 (21.3 LT)

Lightning: 3.4 LT  $\pm$  1.5 h (dots)

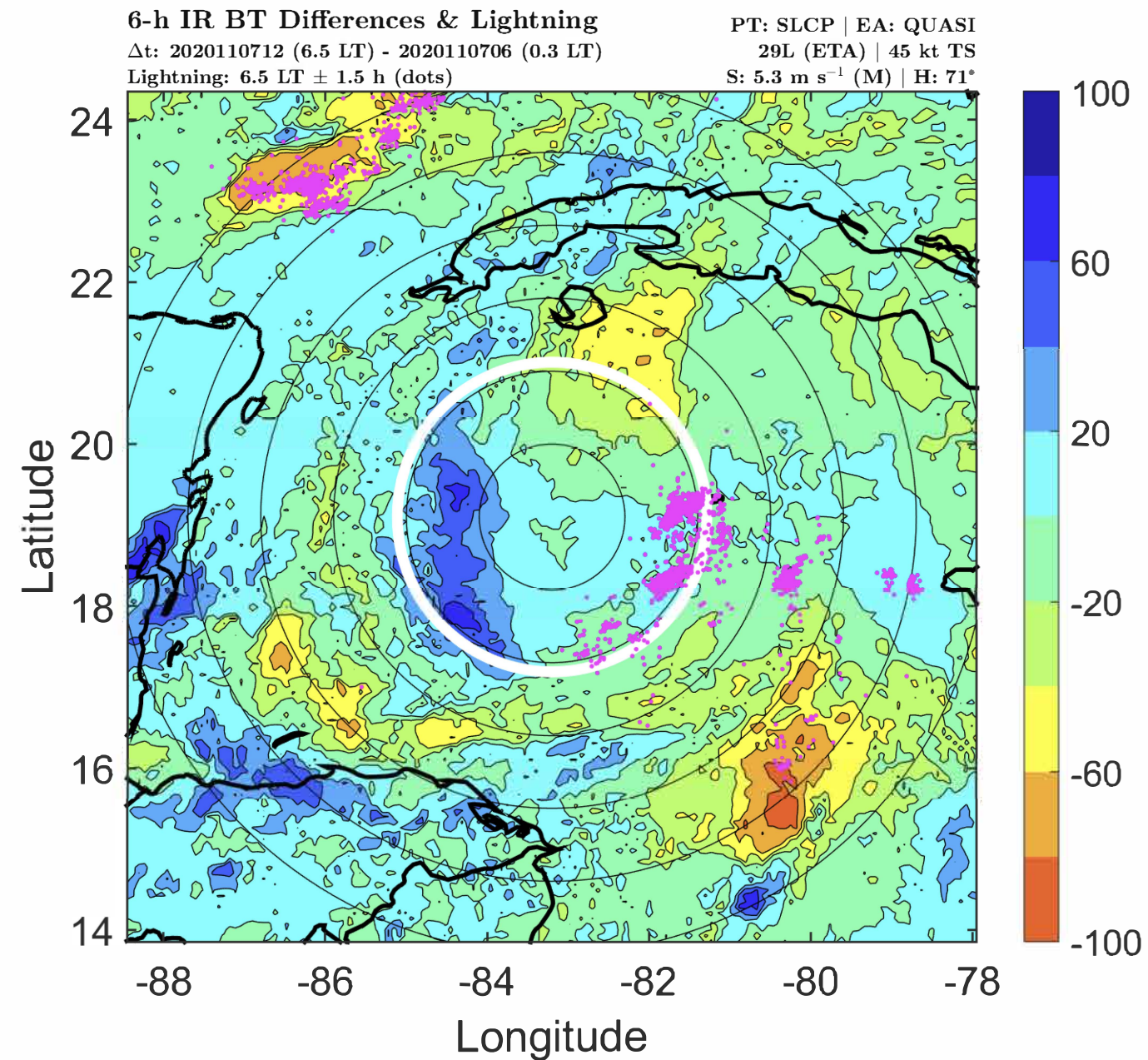
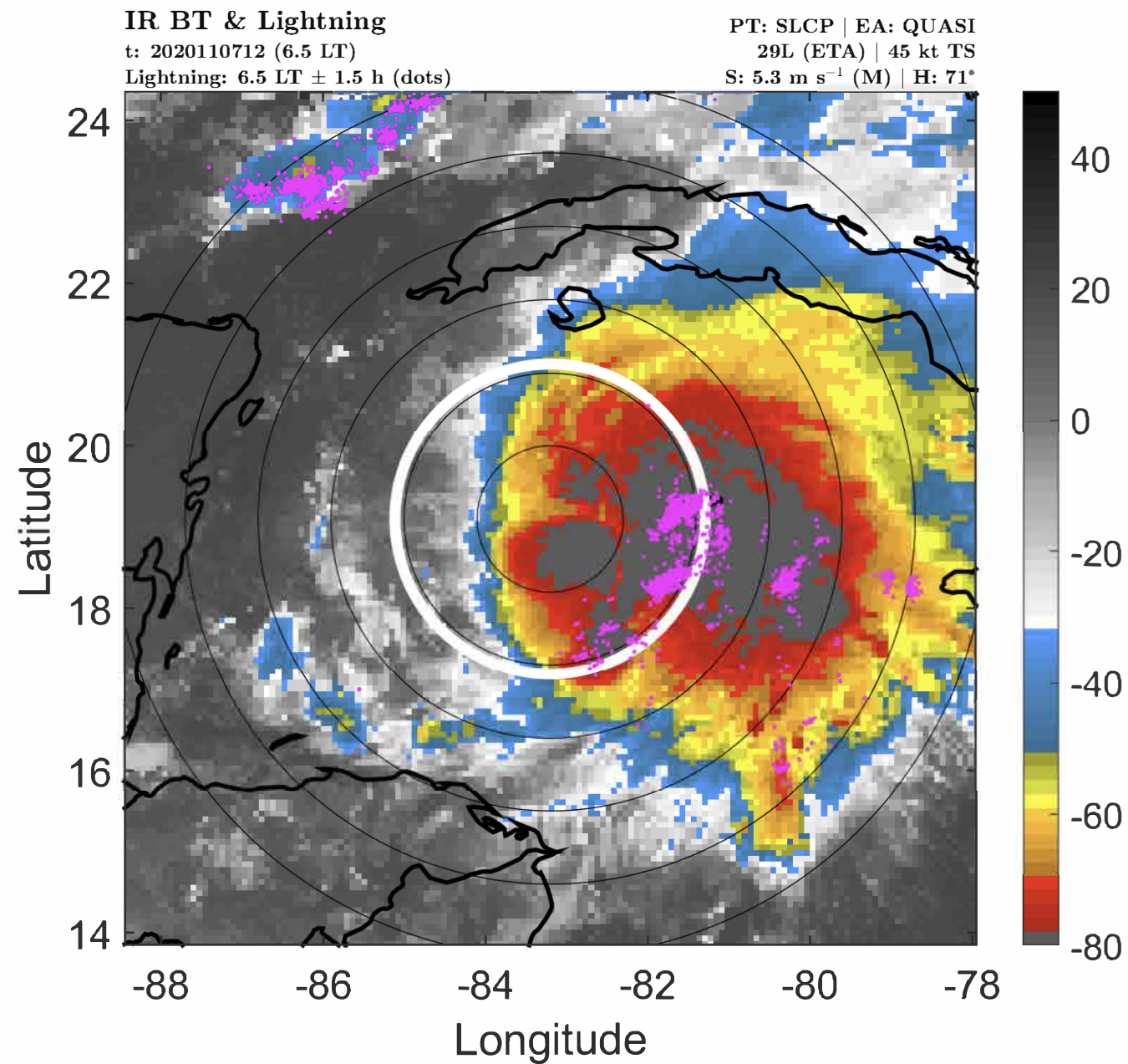
PT: SLCP | EA: QUASI

29L (ETA) | 40 kt TS

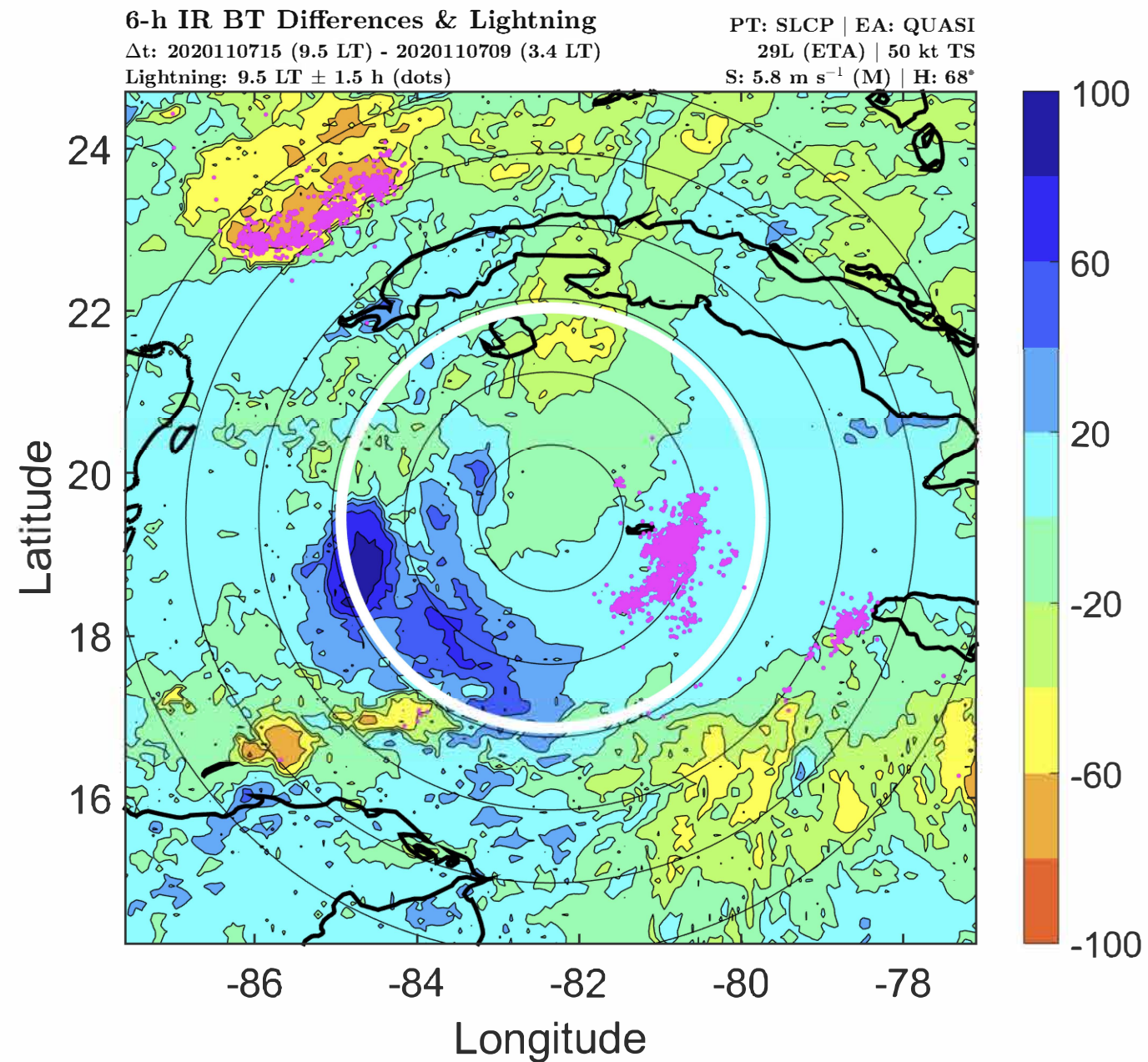
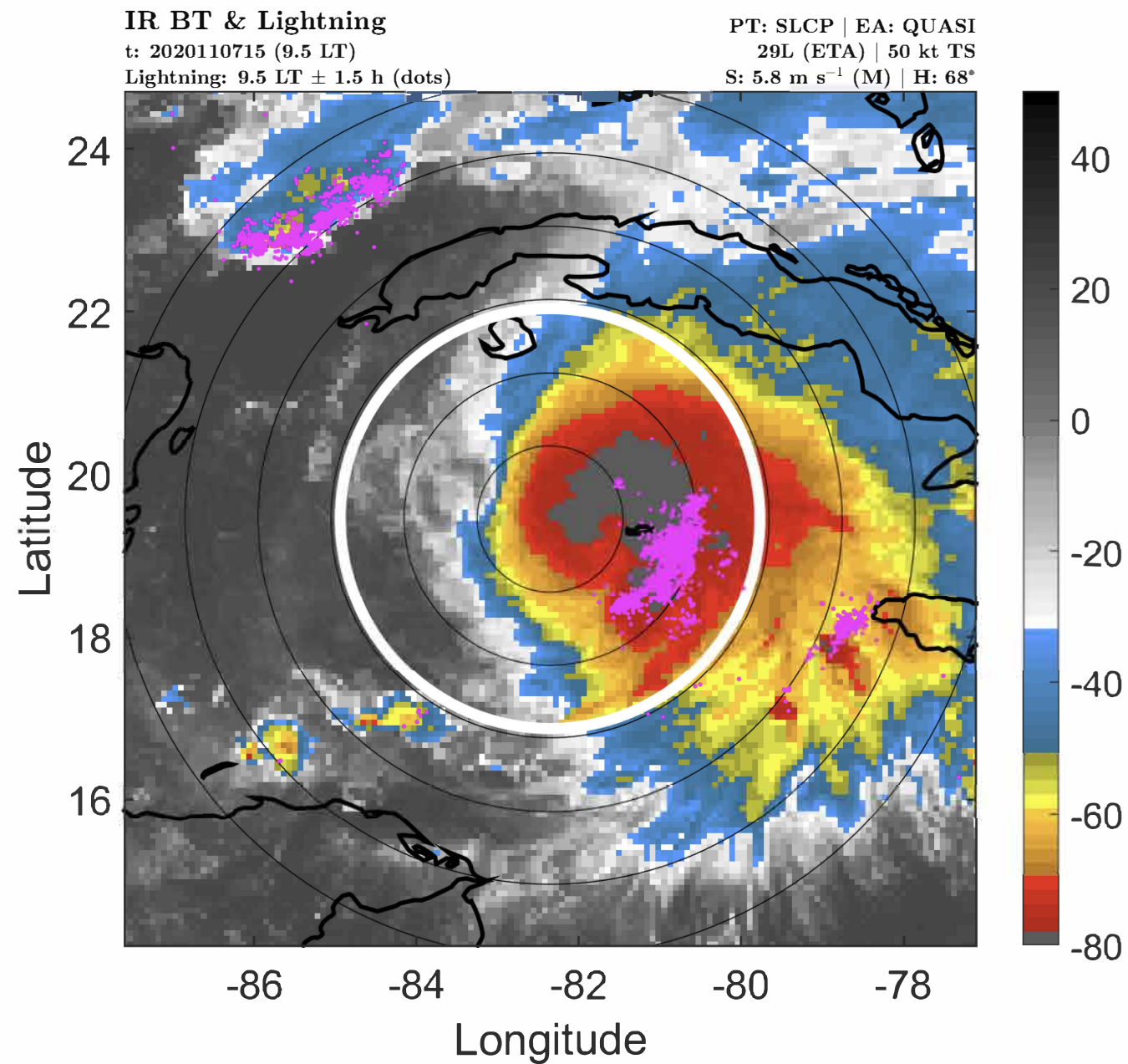
S: 4.9 m s<sup>-1</sup> (M) | H: 67°













### IR BT & Lightning

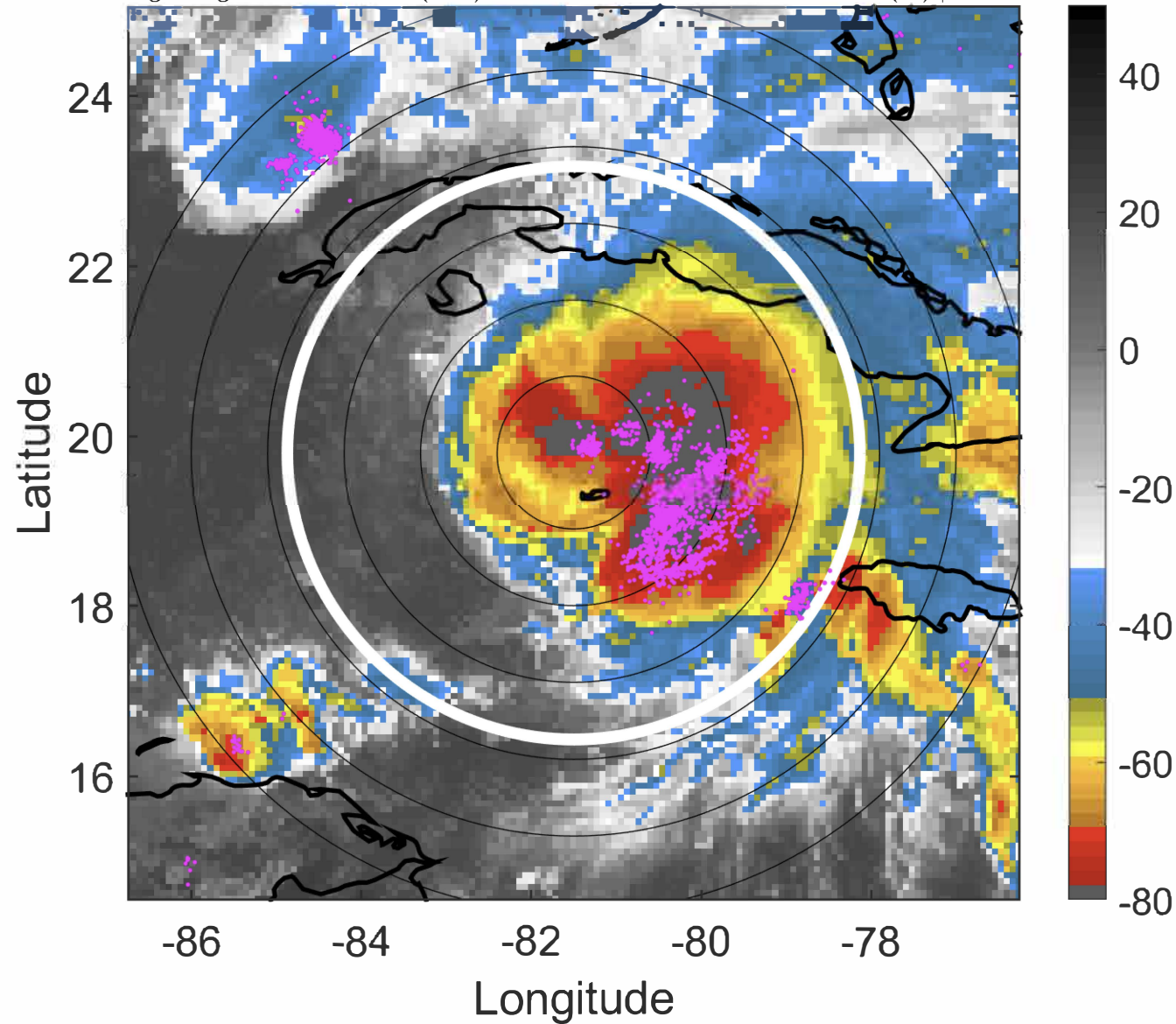
t: 2020110718 (12.6 LT)

Lightning: 12.6 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.3 m s<sup>-1</sup> (M) | H: 65°



### 6-h IR BT Differences & Lightning

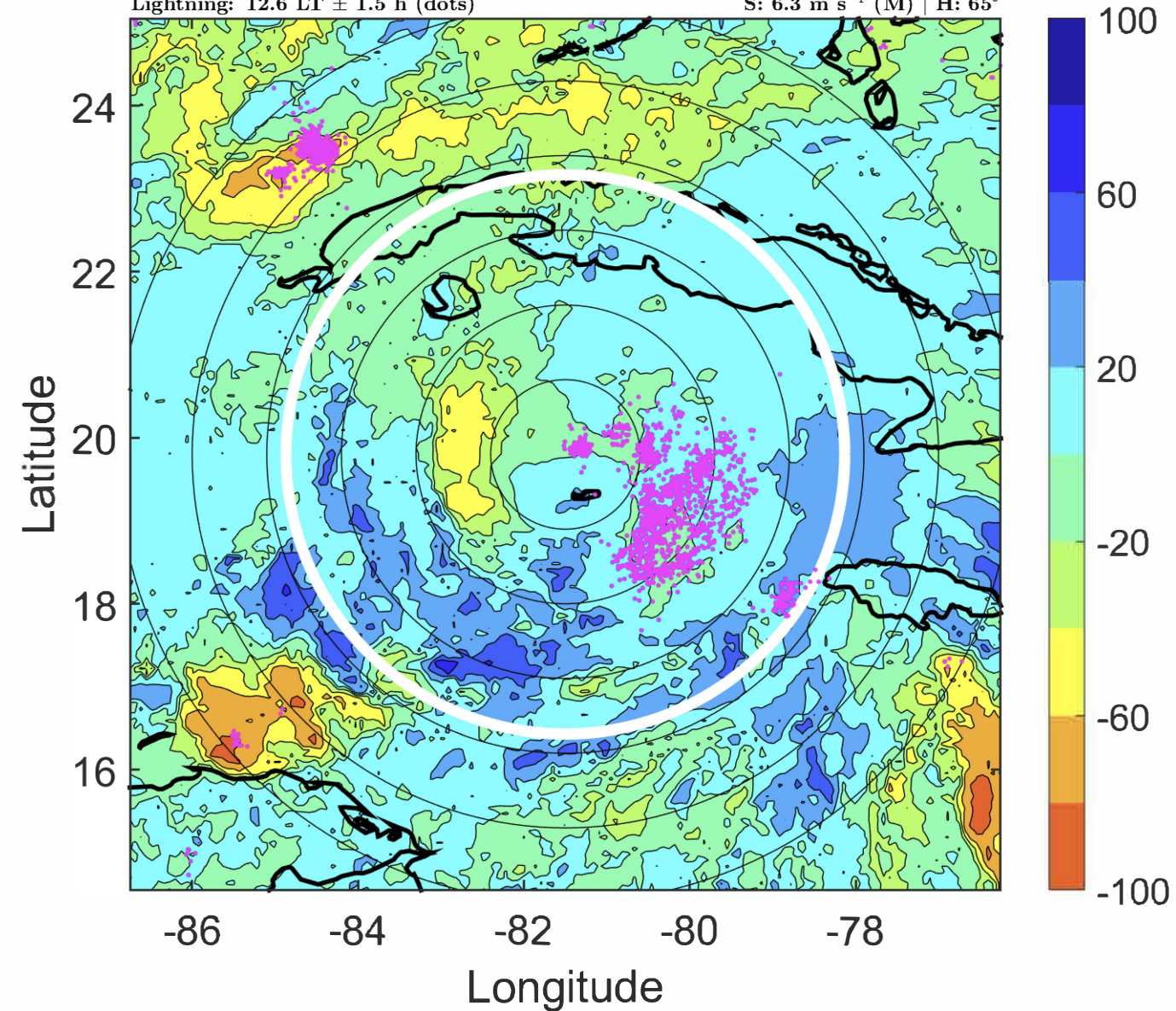
$\Delta$ t: 2020110718 (12.6 LT) - 2020110712 (6.5 LT)

Lightning: 12.6 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.3 m s<sup>-1</sup> (M) | H: 65°





### IR BT & Lightning

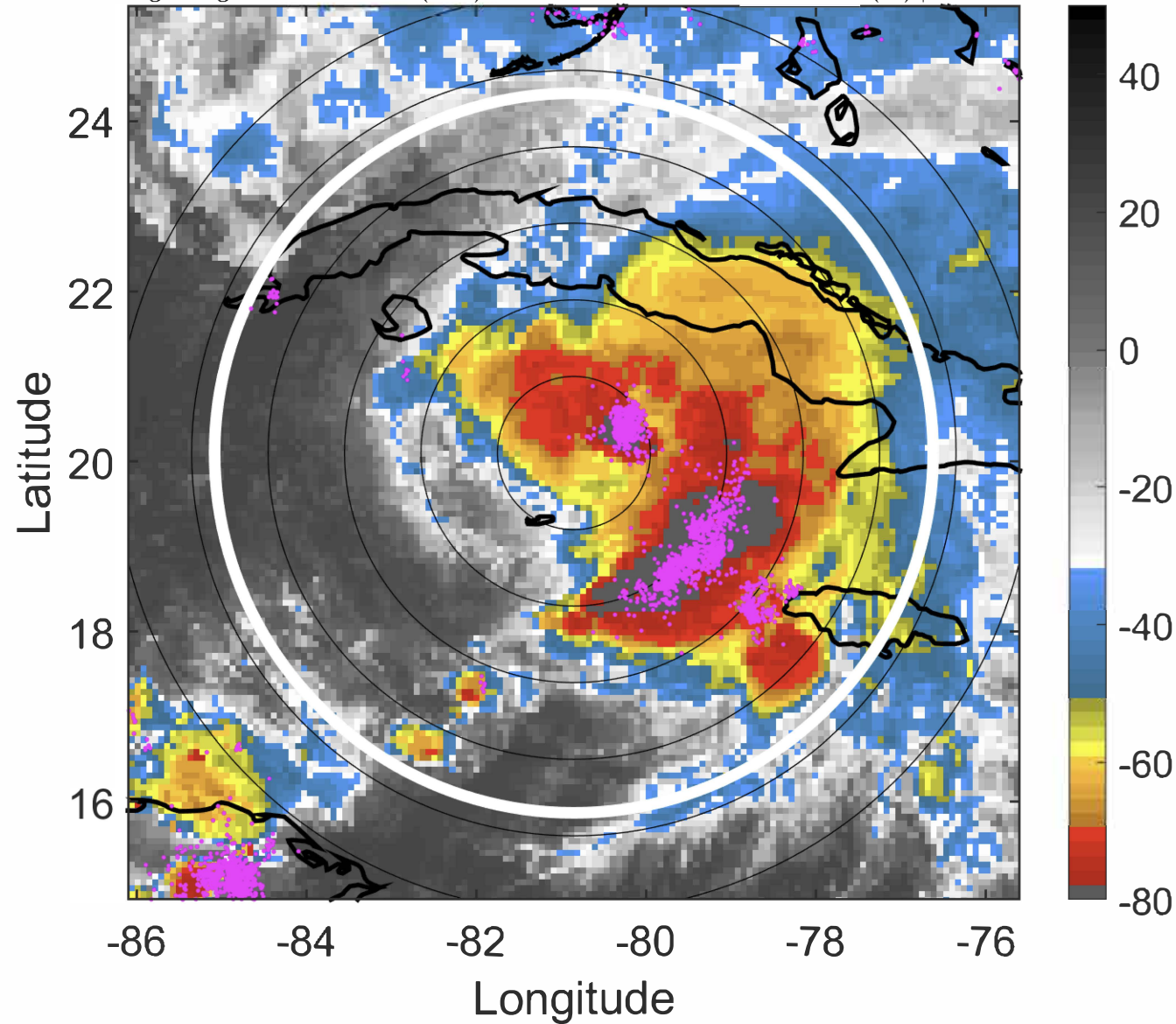
t: 2020110721 (15.6 LT)

Lightning: 15.6 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 7.2 m s<sup>-1</sup> (M) | H: 66.5°



### 6-h IR BT Differences & Lightning

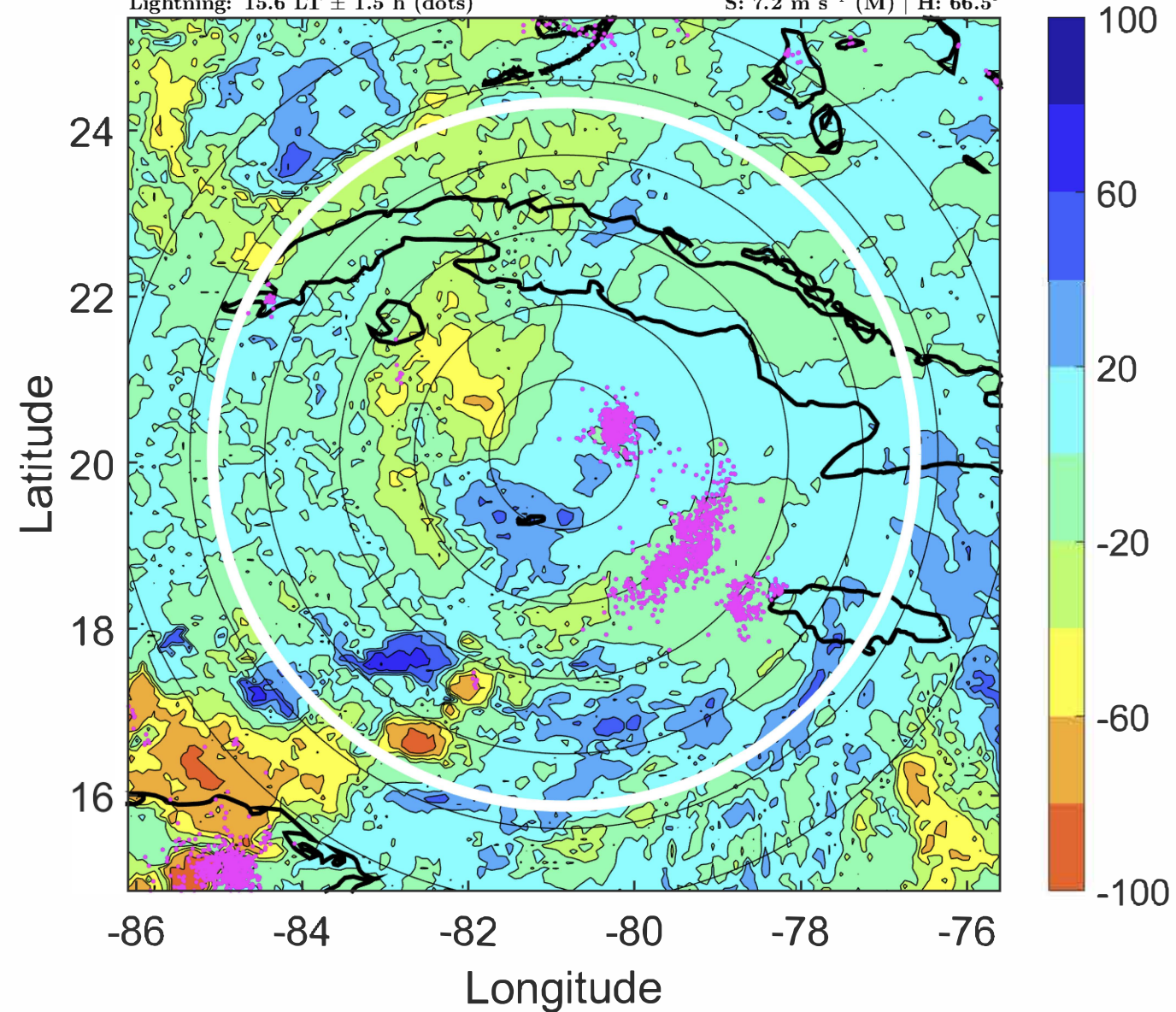
$\Delta$ t: 2020110721 (15.6 LT) - 2020110715 (9.5 LT)

Lightning: 15.6 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 7.2 m s<sup>-1</sup> (M) | H: 66.5°





### IR BT & Lightning

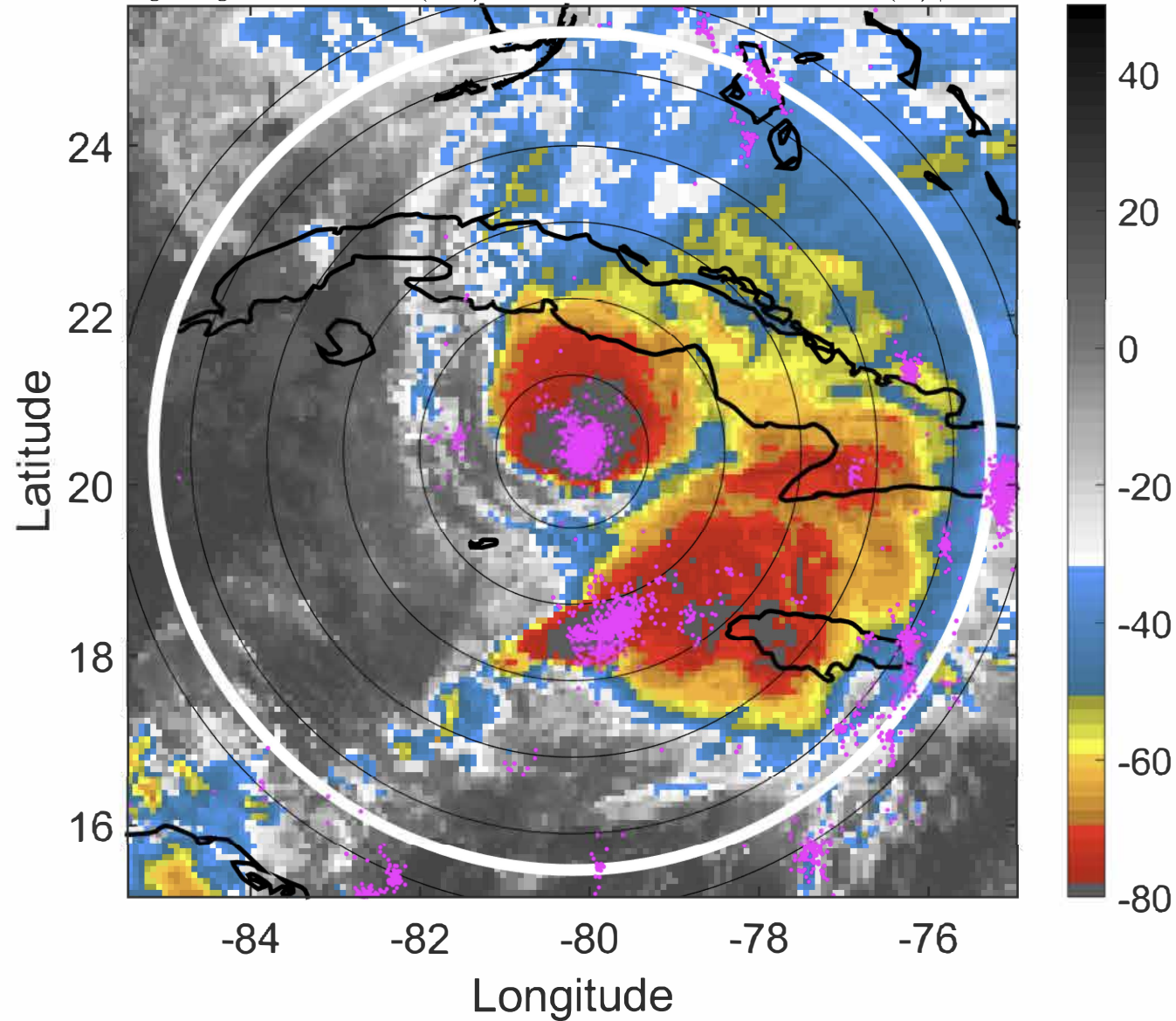
t: 2020110800 (18.7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 8.2 m s<sup>-1</sup> (M) | H: 68°



### 6-h IR BT Differences & Lightning

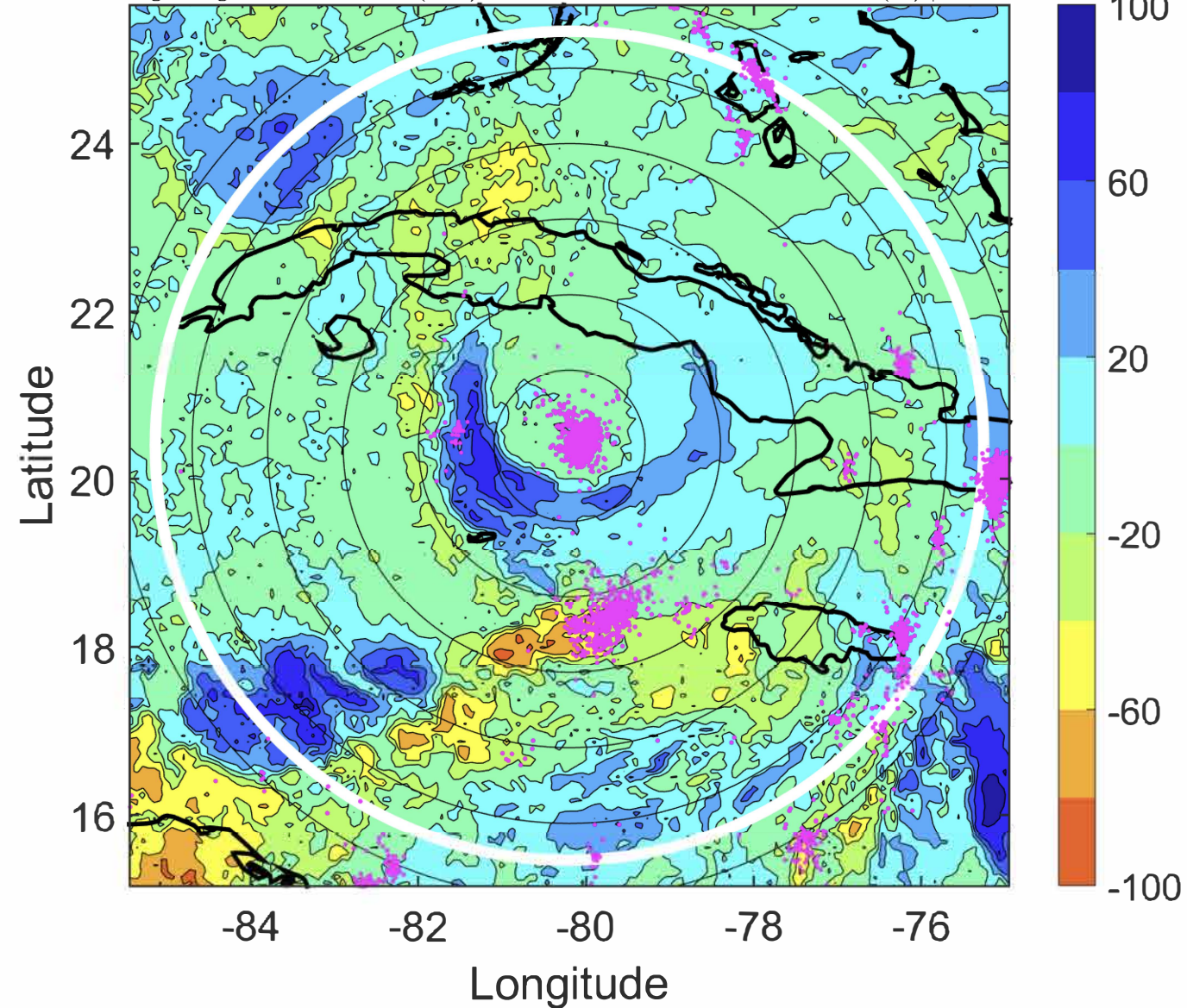
$\Delta$ t: 2020110800 (18.7 LT) - 2020110718 (12.6 LT)

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

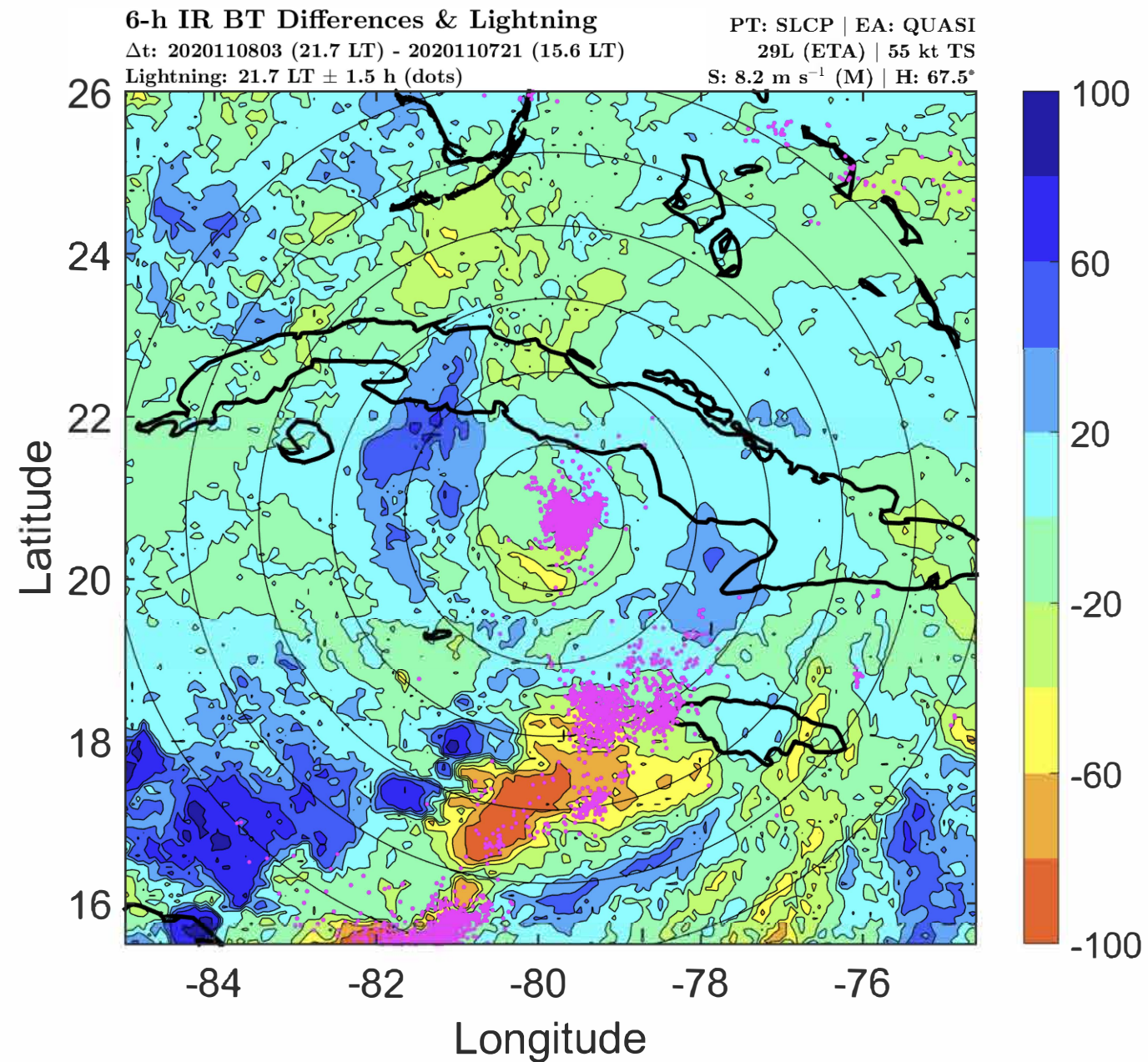
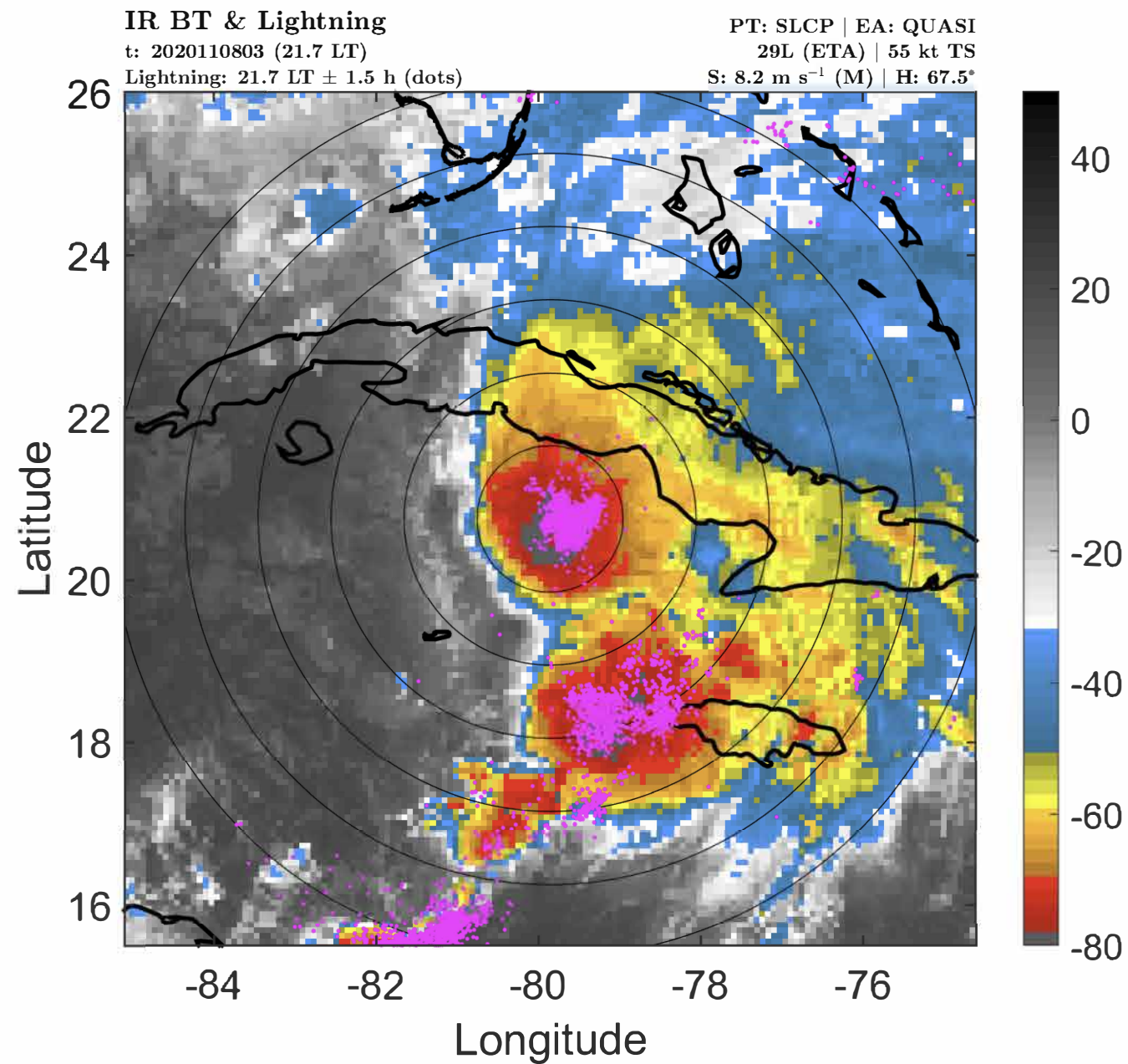
PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

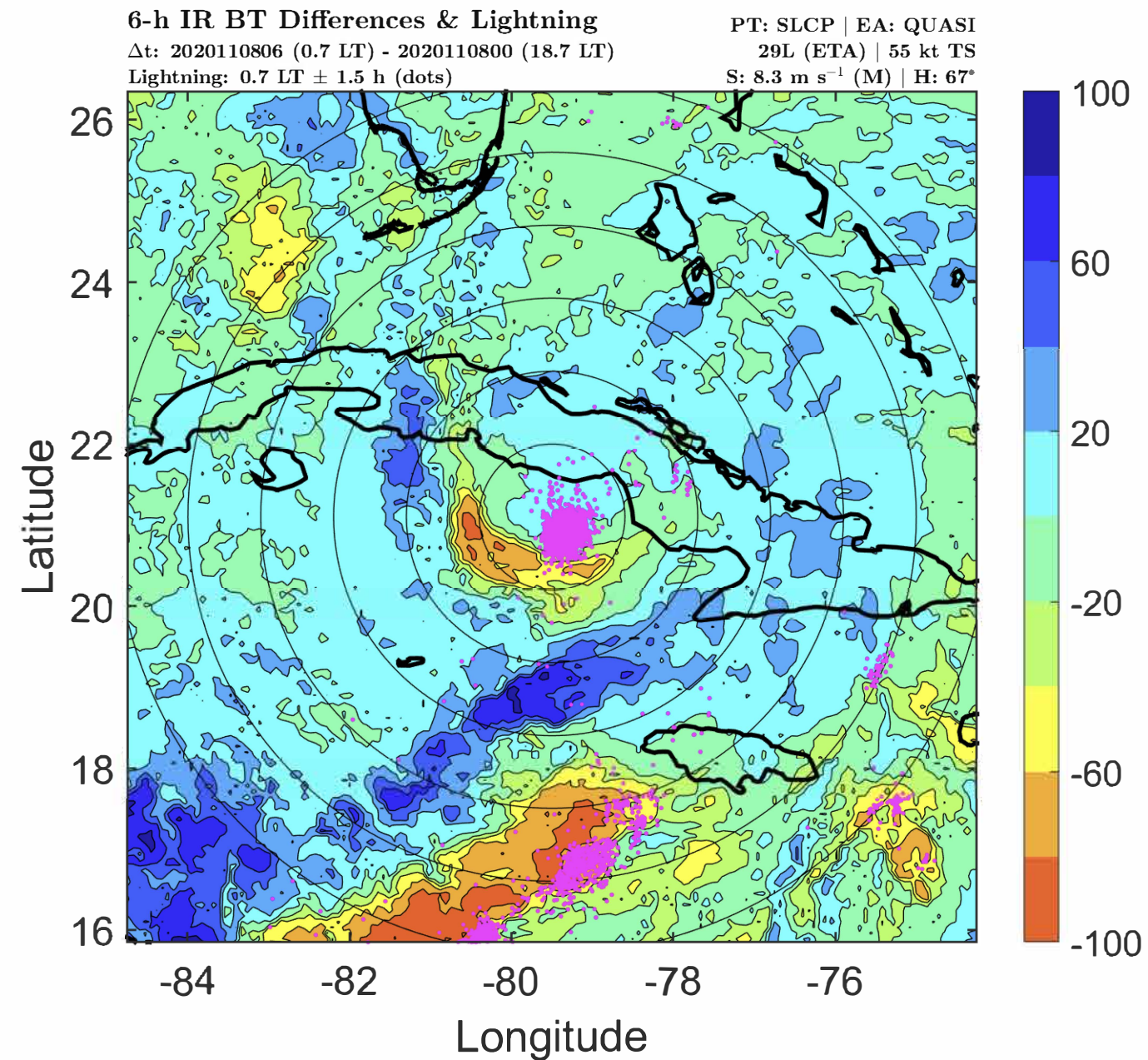
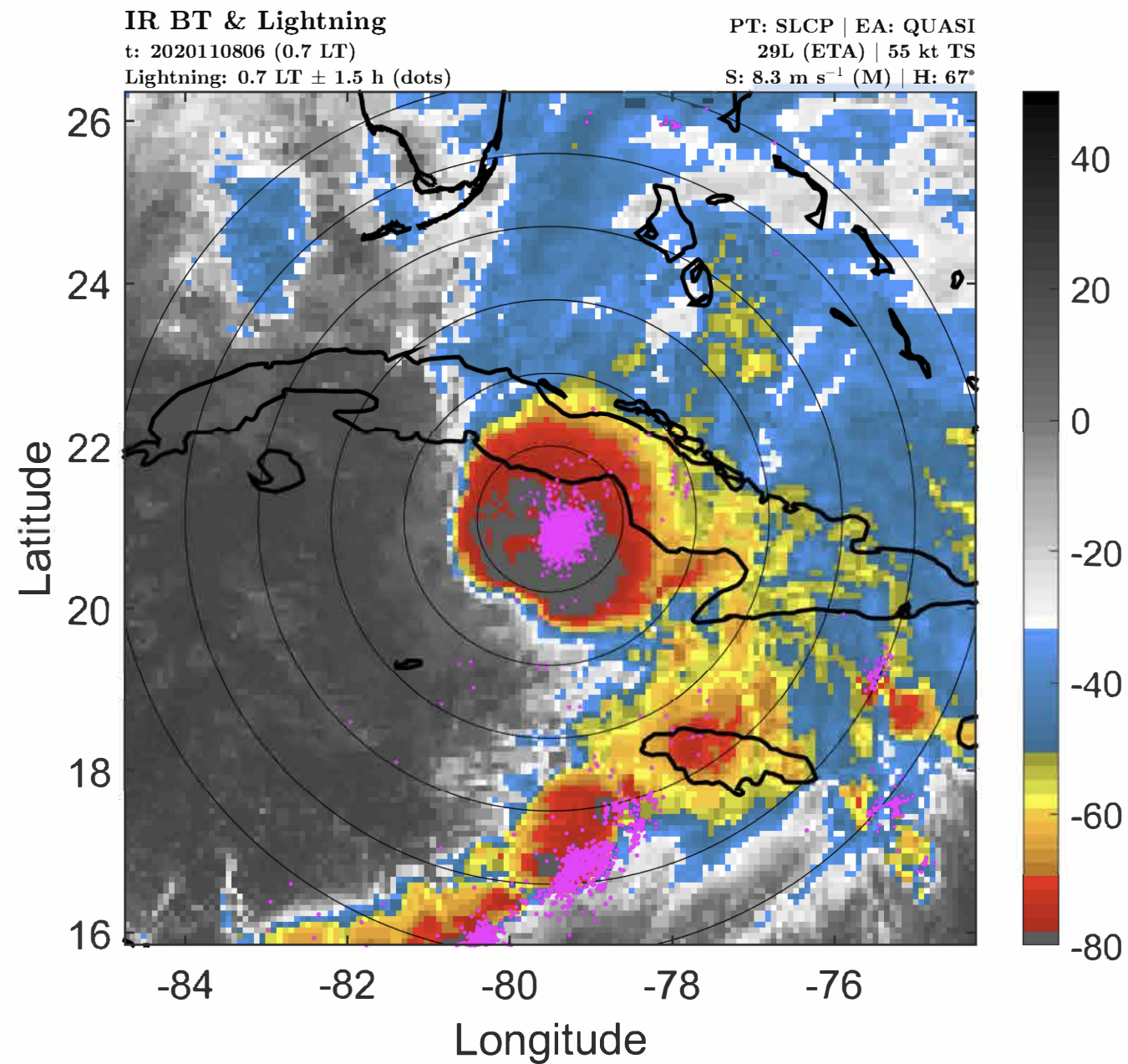
S: 8.2 m s<sup>-1</sup> (M) | H: 68°













### IR BT & Lightning

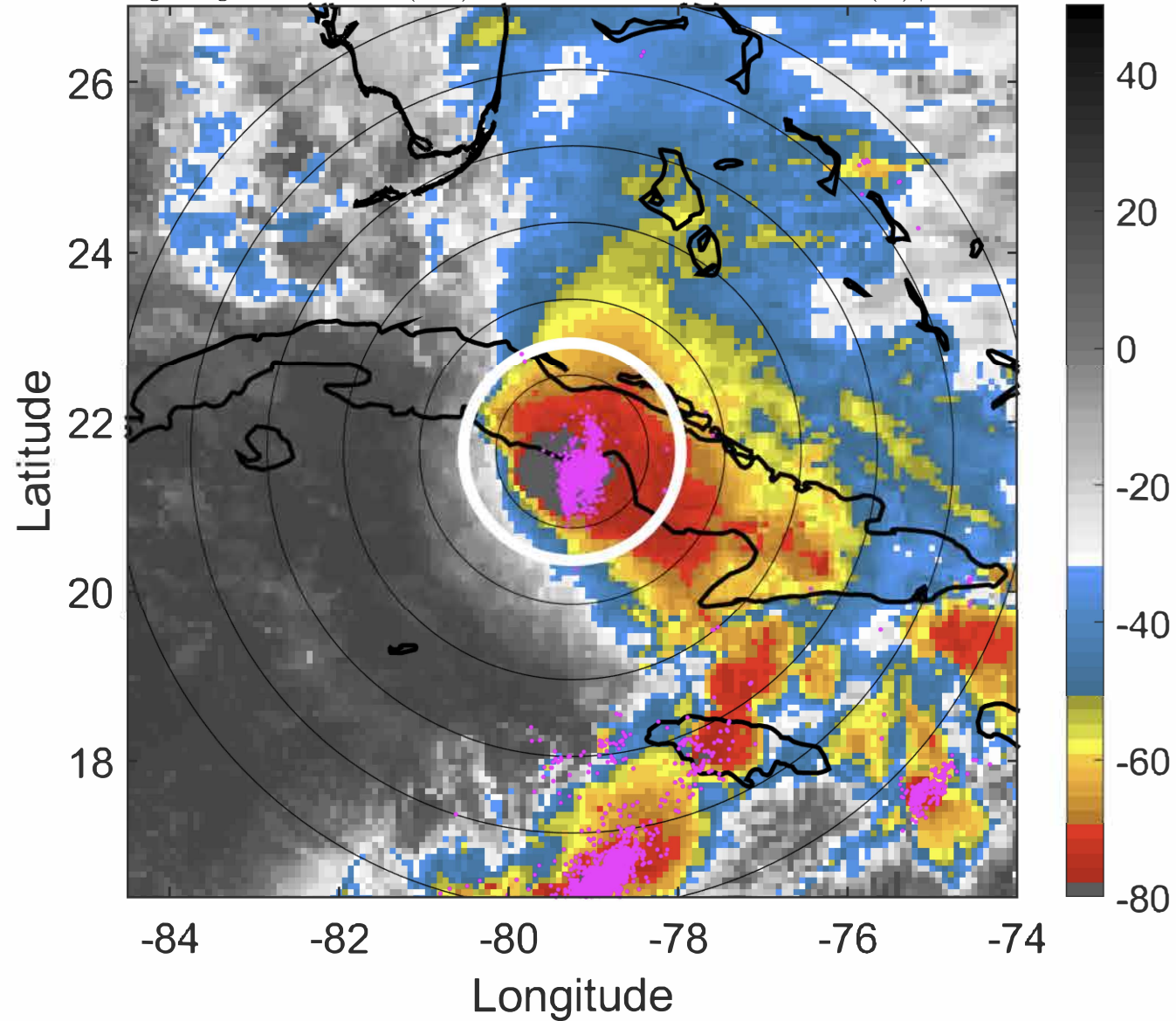
t: 2020110809 (3.7 LT)

Lightning: 3.7 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 52.5 kt TS

S: 7.9 m s<sup>-1</sup> (M) | H: 70.5°



### 6-h IR BT Differences & Lightning

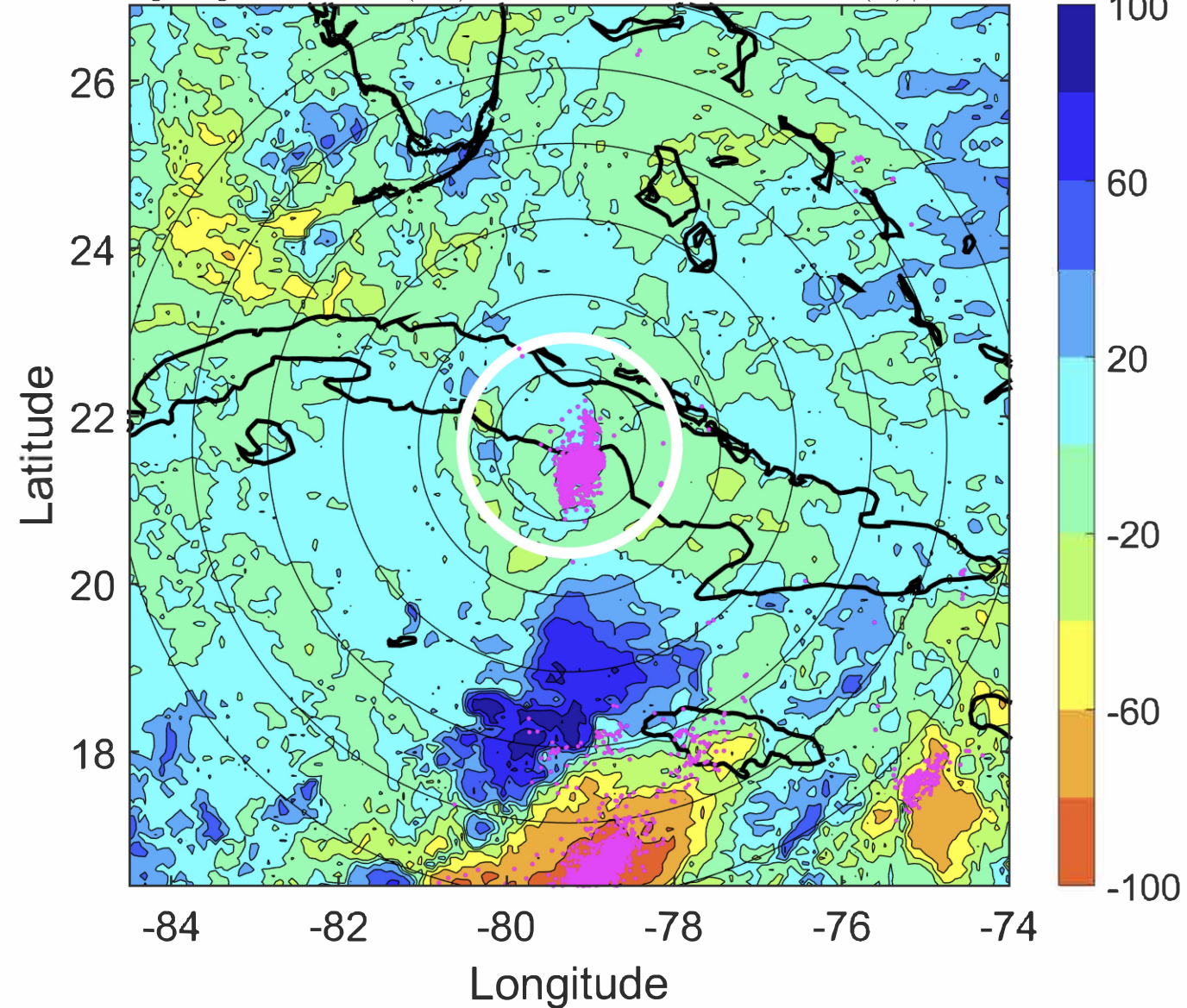
$\Delta$ t: 2020110809 (3.7 LT) - 2020110803 (21.7 LT)

Lightning: 3.7 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 52.5 kt TS

S: 7.9 m s<sup>-1</sup> (M) | H: 70.5°





# IR BT & Lightning

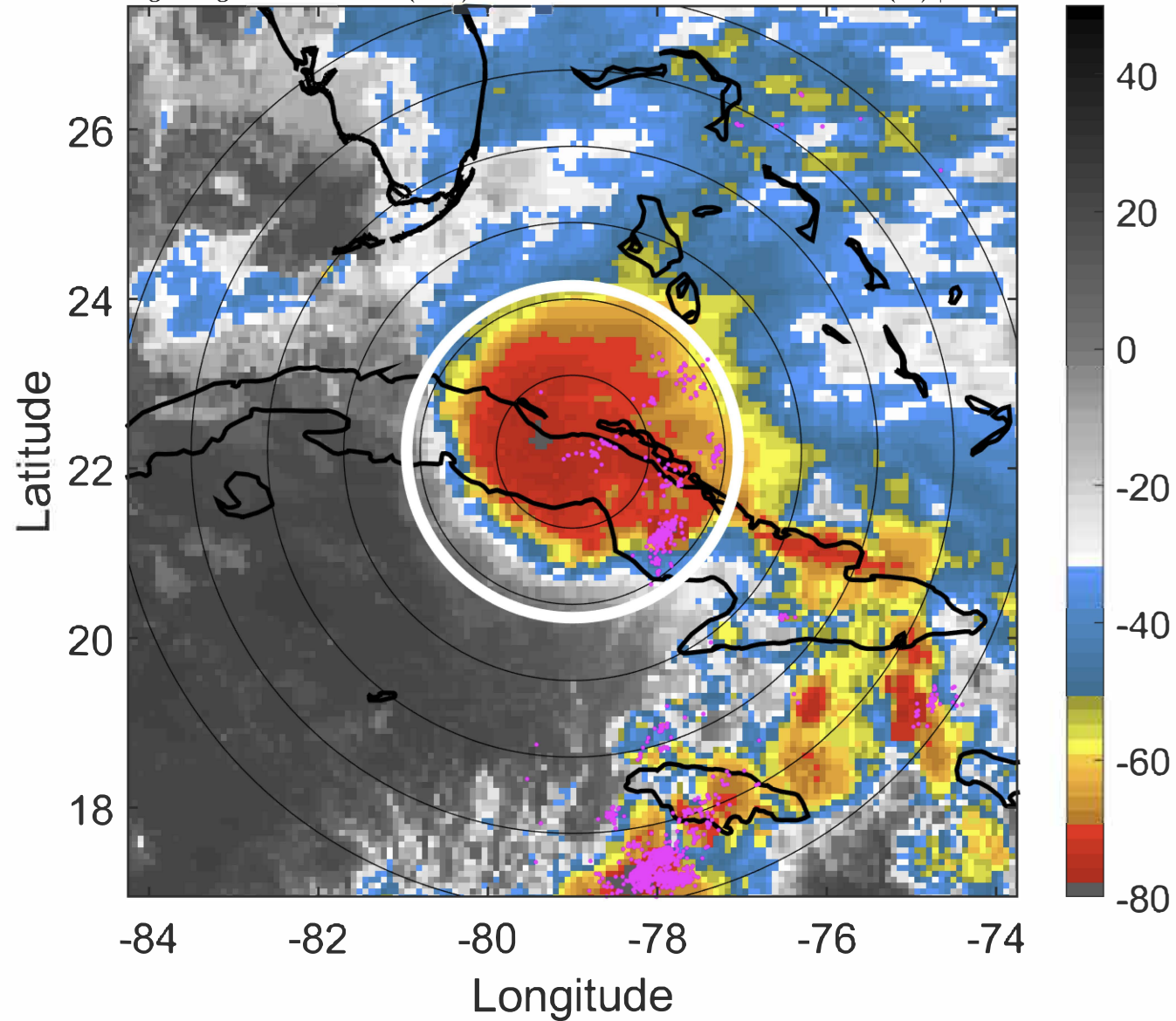
t: 2020110812 (6.7 LT)

Lightning: 6.7 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 50 kt TS

S: 7.5 m s<sup>-1</sup> (M) | H: 74°



# 6-h IR BT Differences & Lightning

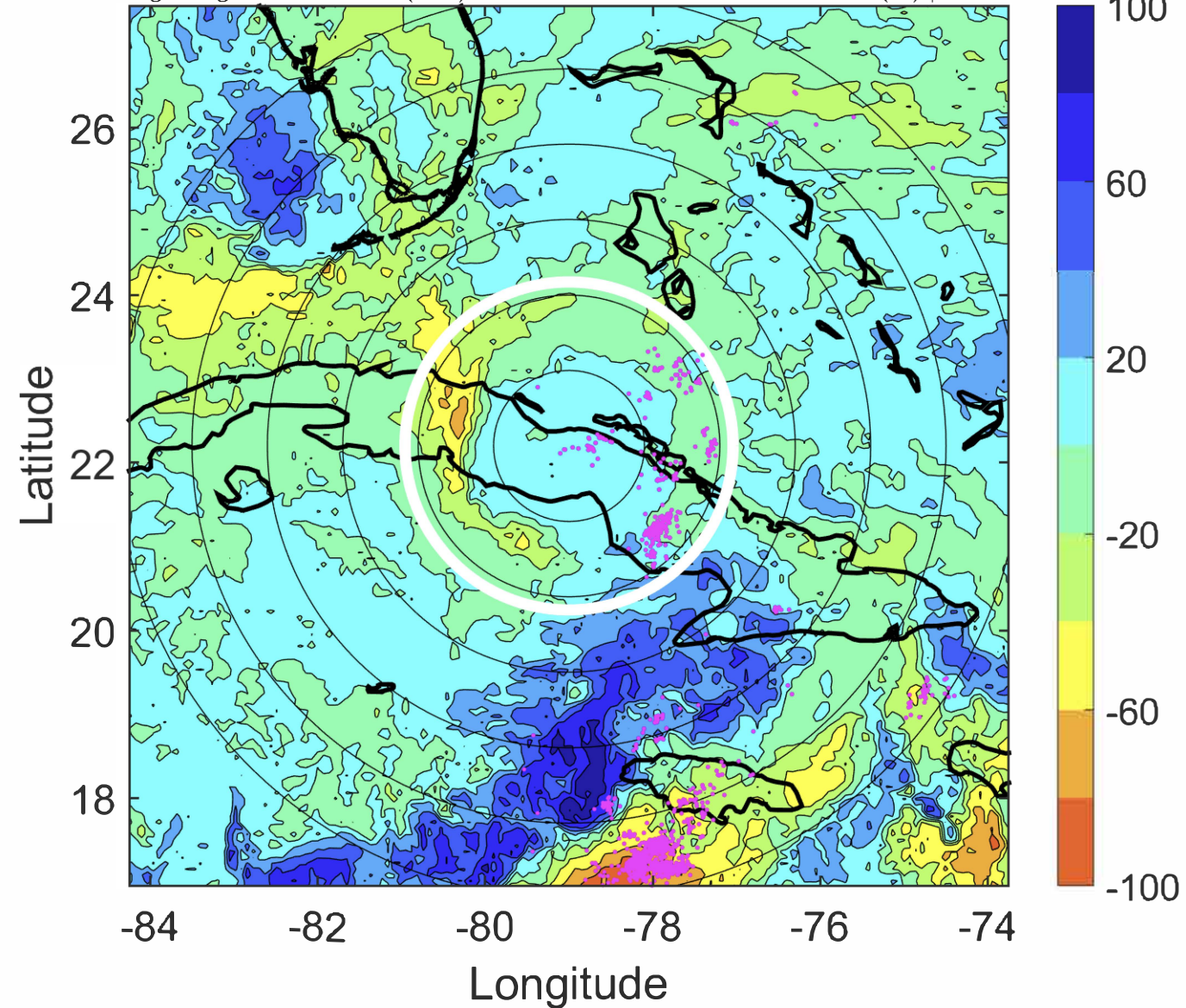
$\Delta$ t: 2020110812 (6.7 LT) - 2020110806 (0.7 LT)

Lightning: 6.7 LT  $\pm$  1.5 h (dots)

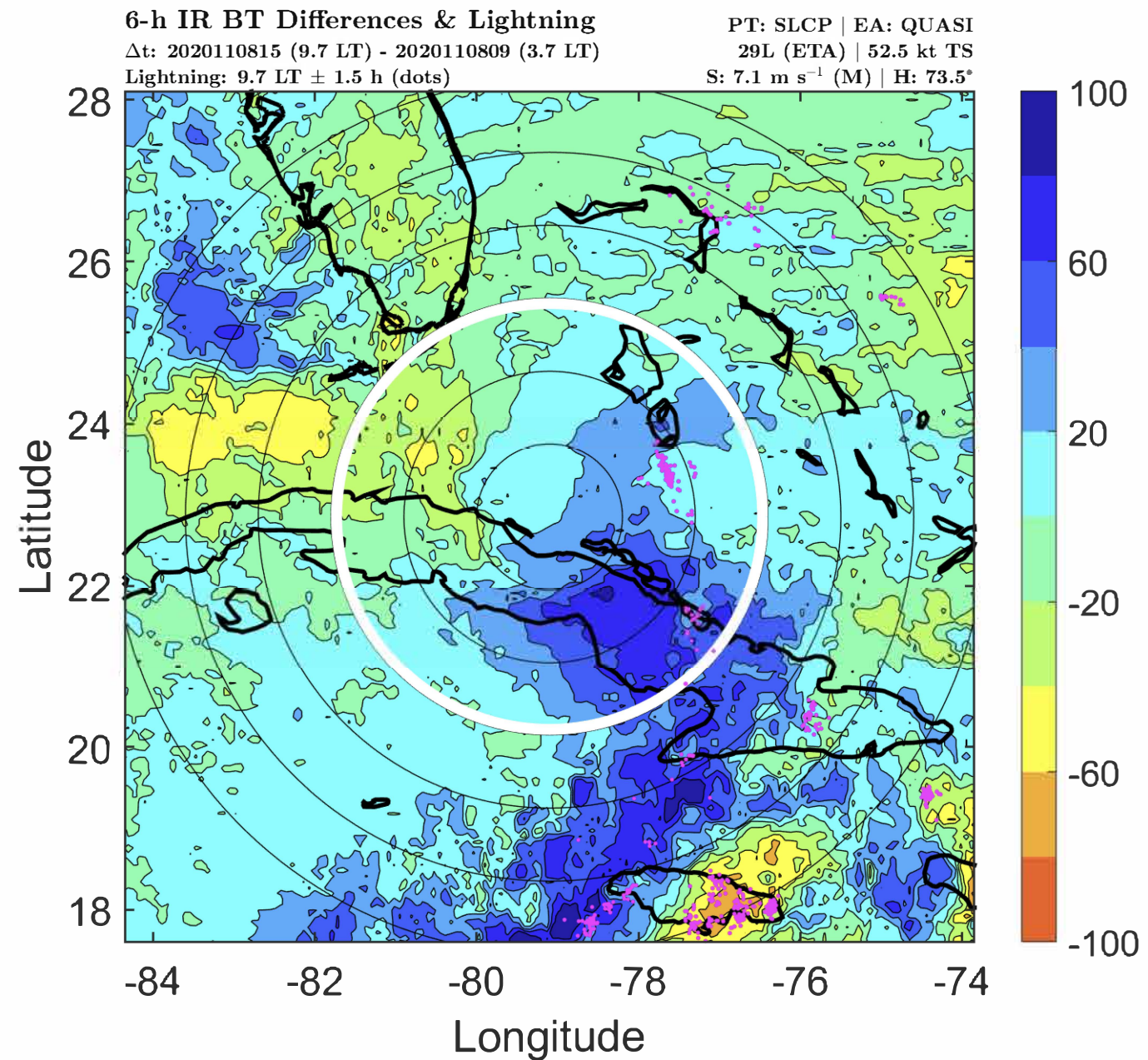
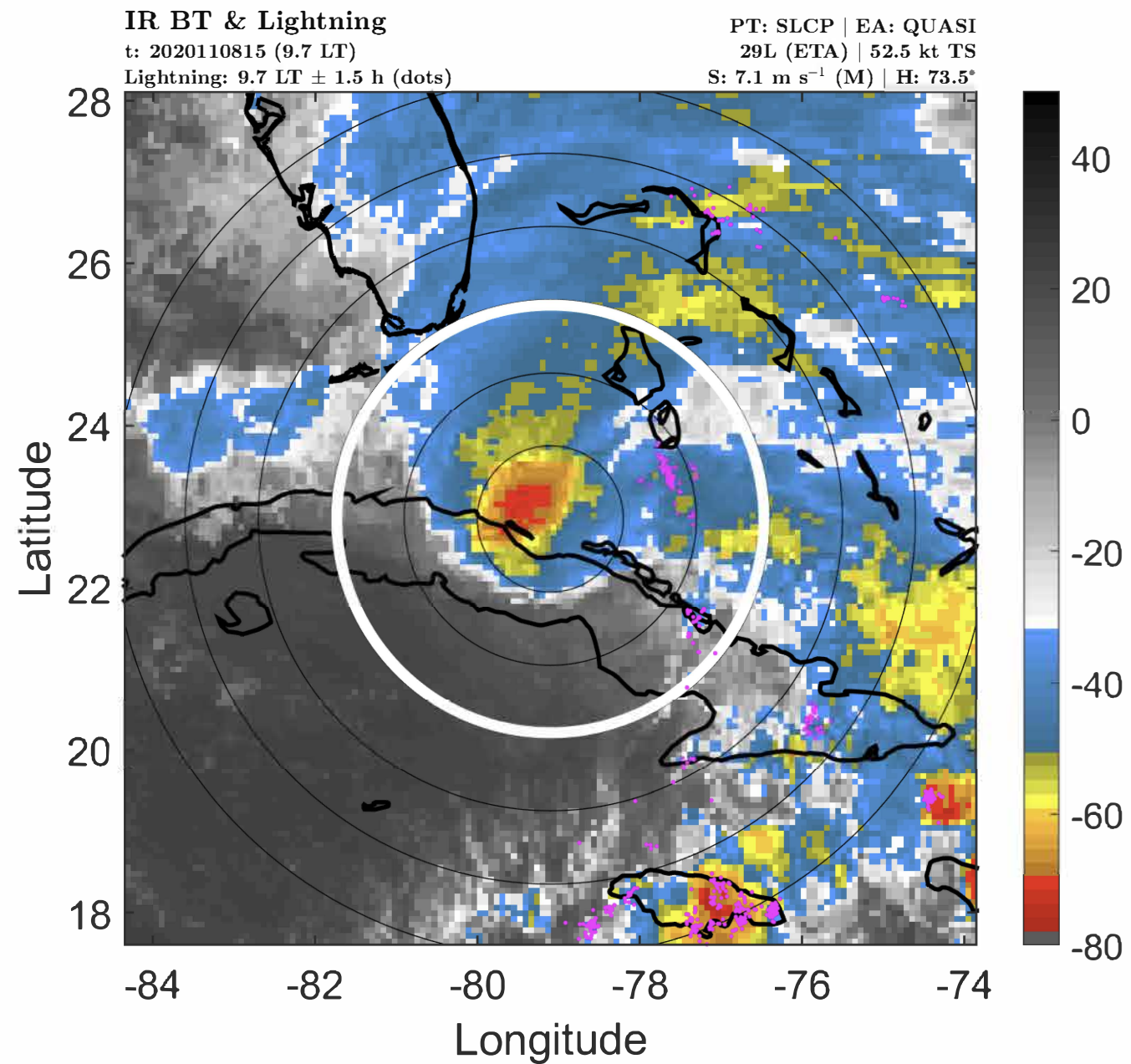
PT: SLCP | EA: QUASI

29L (ETA) | 50 kt TS

S: 7.5 m s<sup>-1</sup> (M) | H: 74°









### IR BT & Lightning

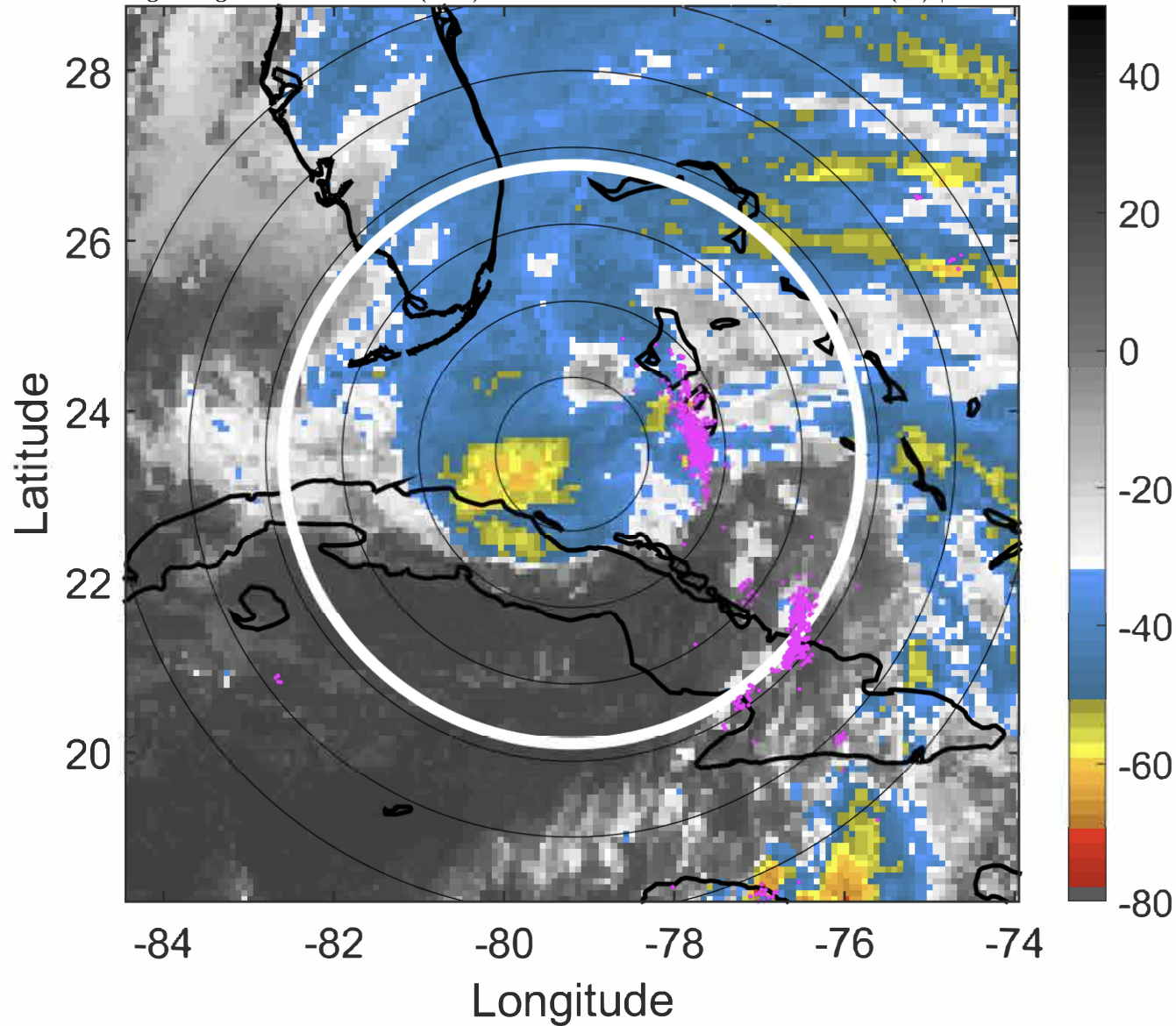
t: 2020110818 (12.7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.7 m s<sup>-1</sup> (M) | H: 73°



### 6-h IR BT Differences & Lightning

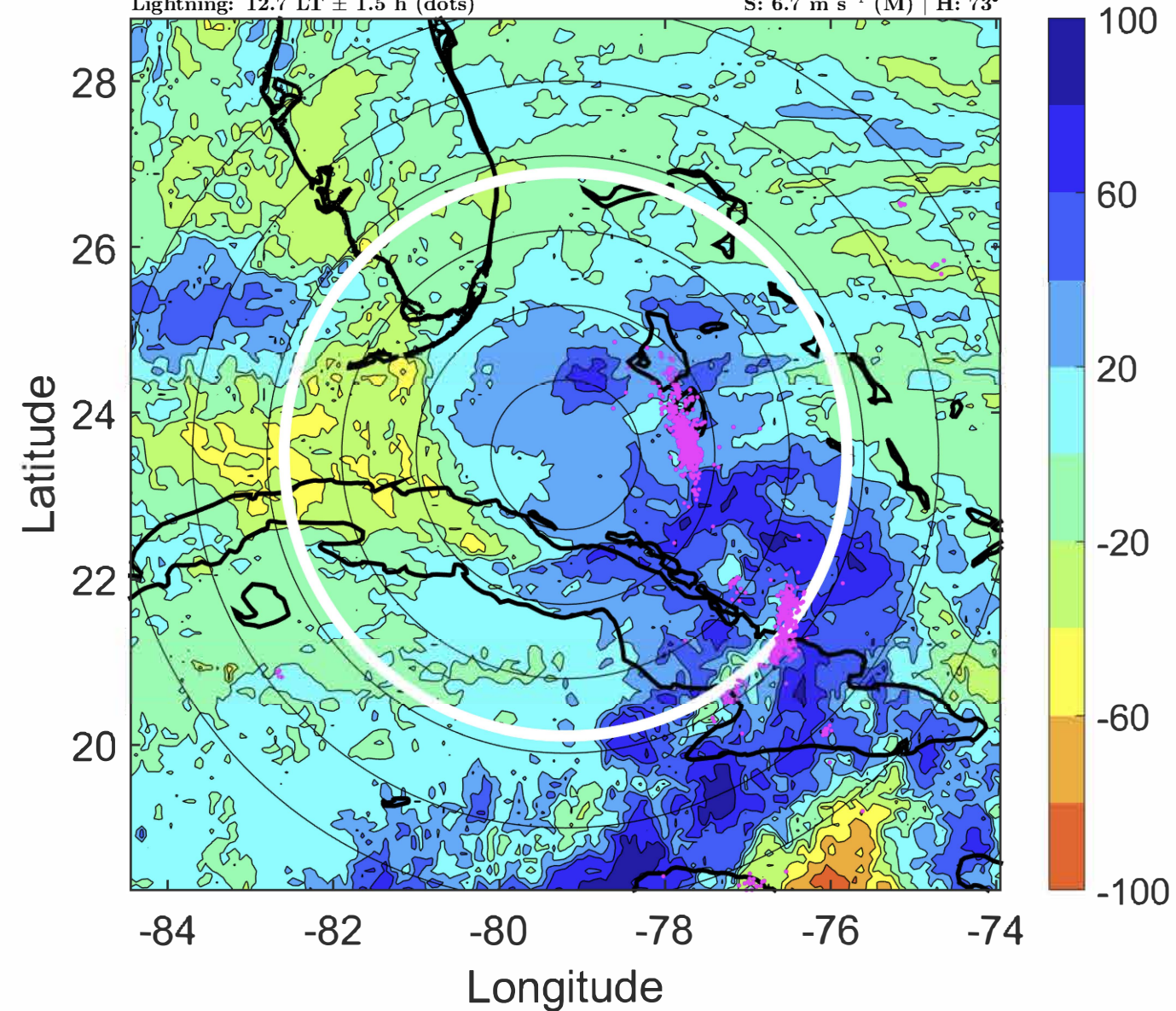
$\Delta$ t: 2020110818 (12.7 LT) - 2020110812 (6.7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.7 m s<sup>-1</sup> (M) | H: 73°





# IR BT & Lightning

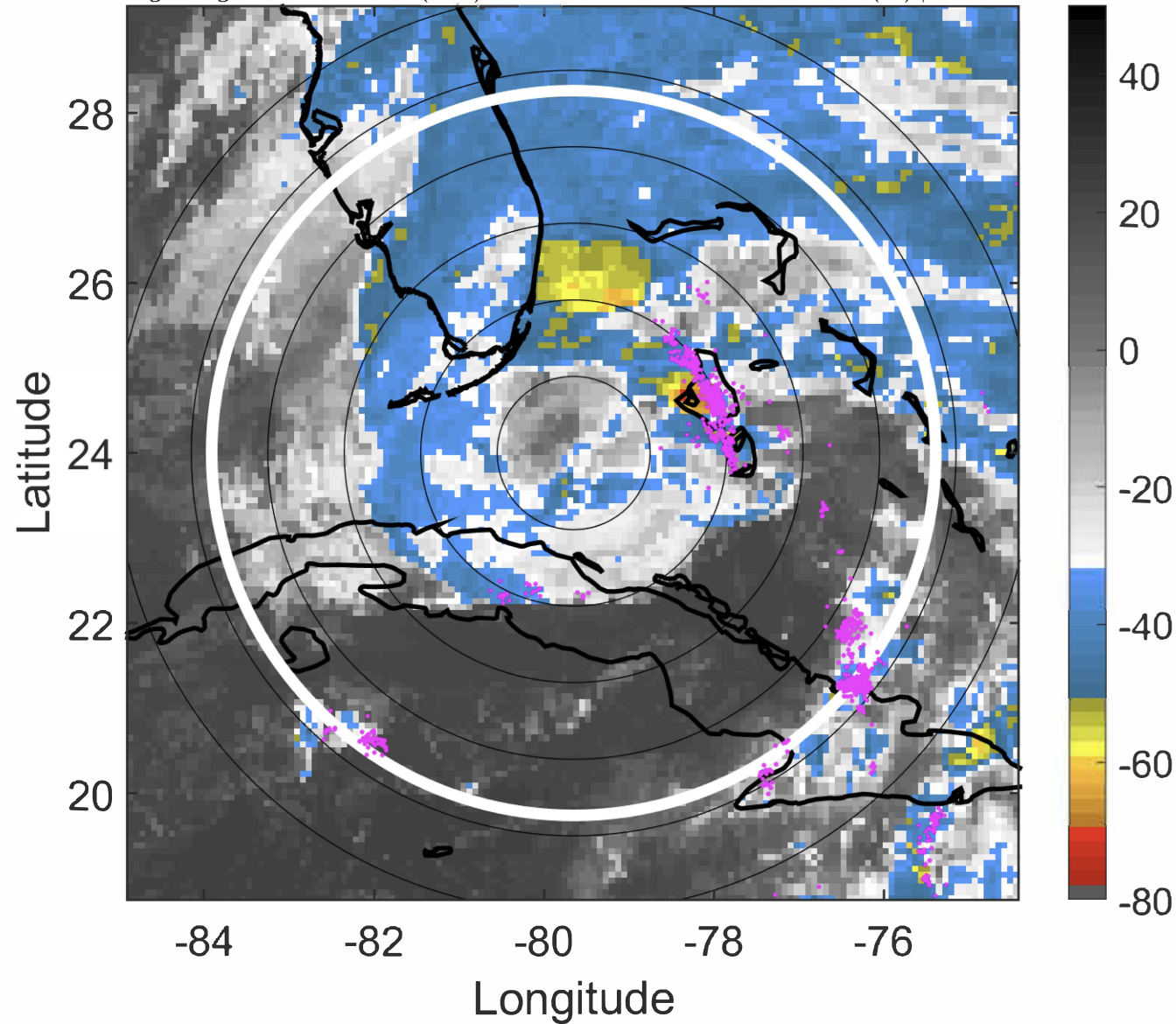
t: 2020110821 (15.7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.6 m s<sup>-1</sup> (M) | H: 71.5°



# 6-h IR BT Differences & Lightning

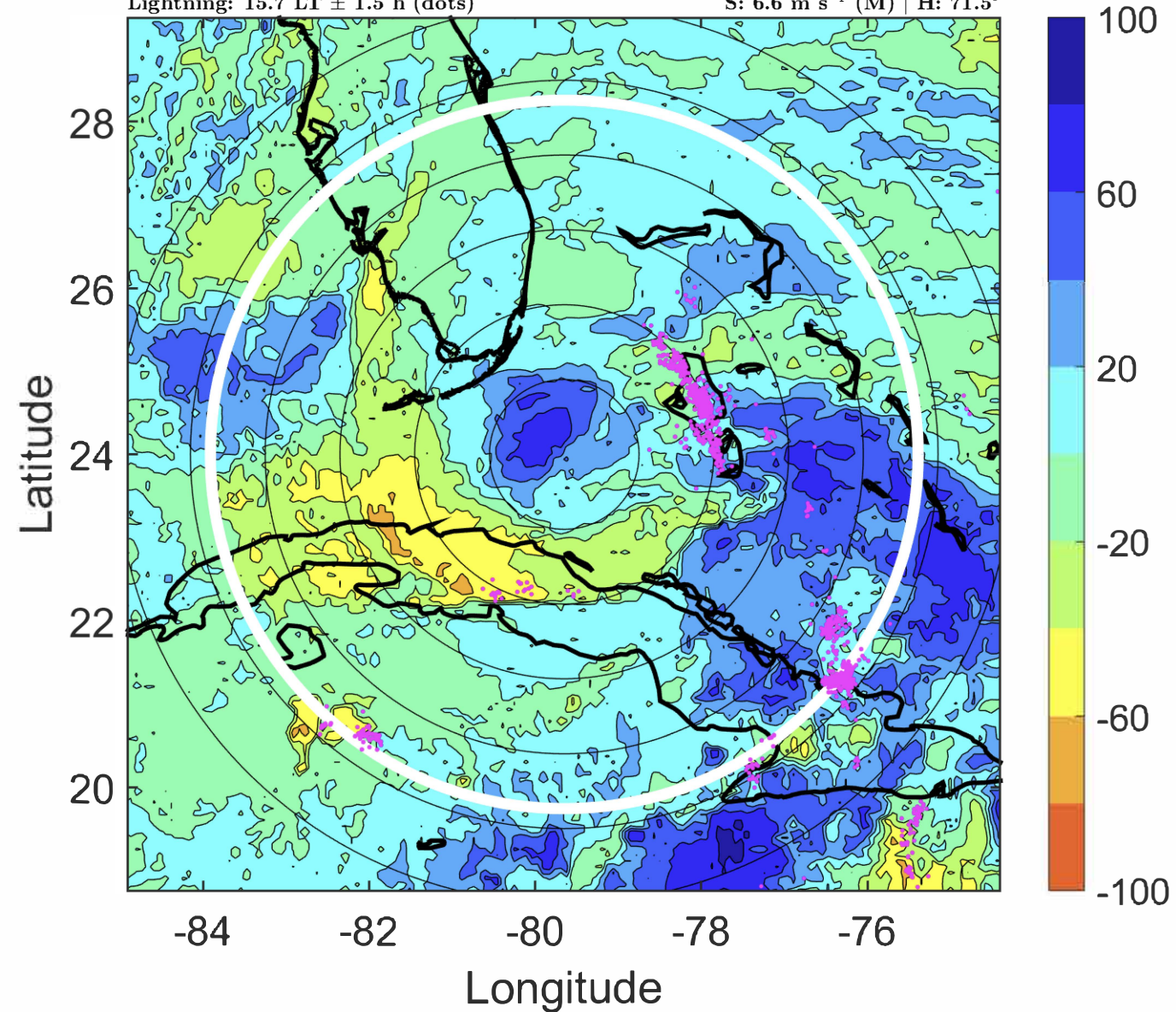
$\Delta$ t: 2020110821 (15.7 LT) - 2020110815 (9.7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.6 m s<sup>-1</sup> (M) | H: 71.5°





### IR BT & Lightning

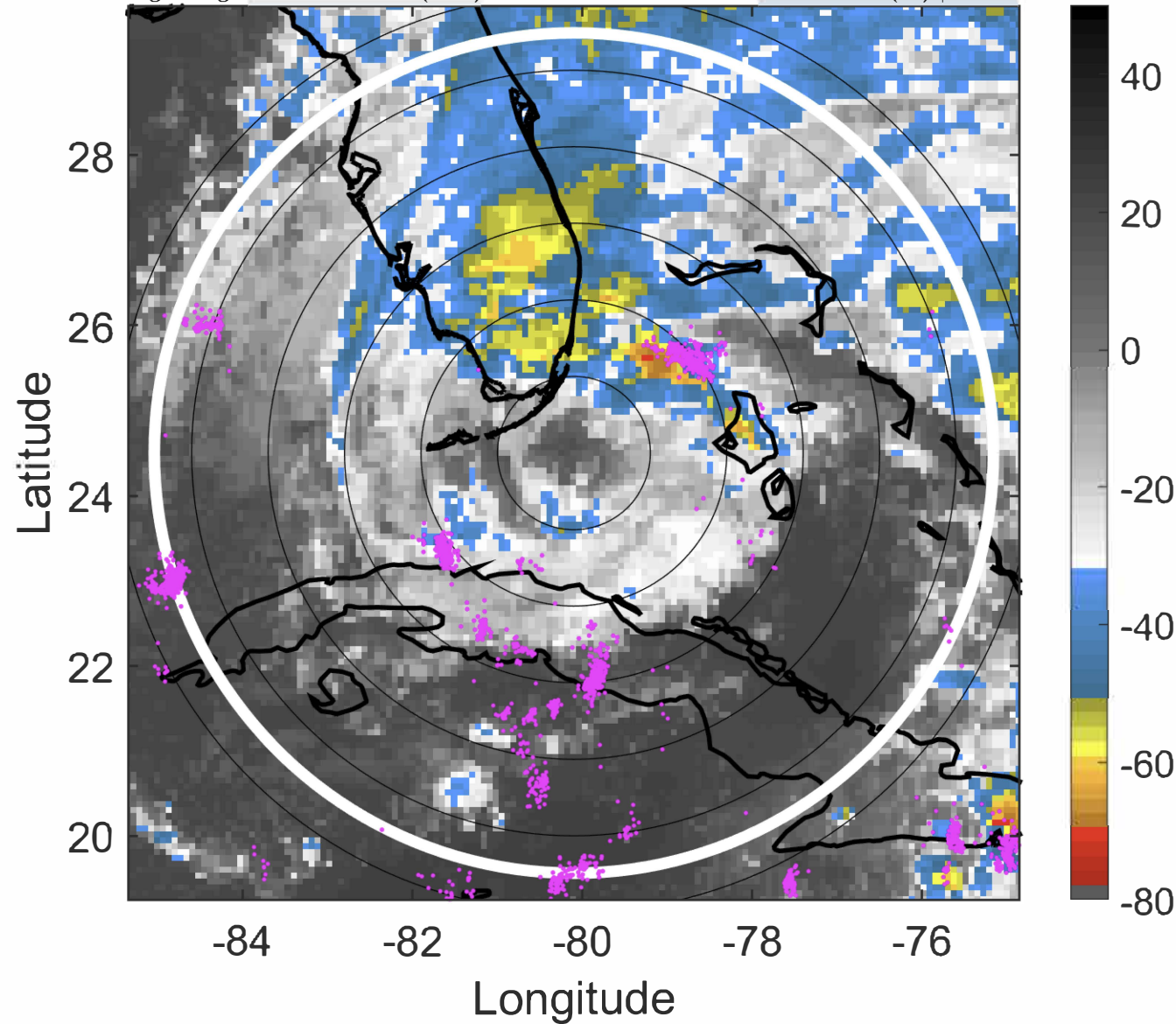
t: 2020110900 (18.7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.5 m s<sup>-1</sup> (M) | H: 70°



### 6-h IR BT Differences & Lightning

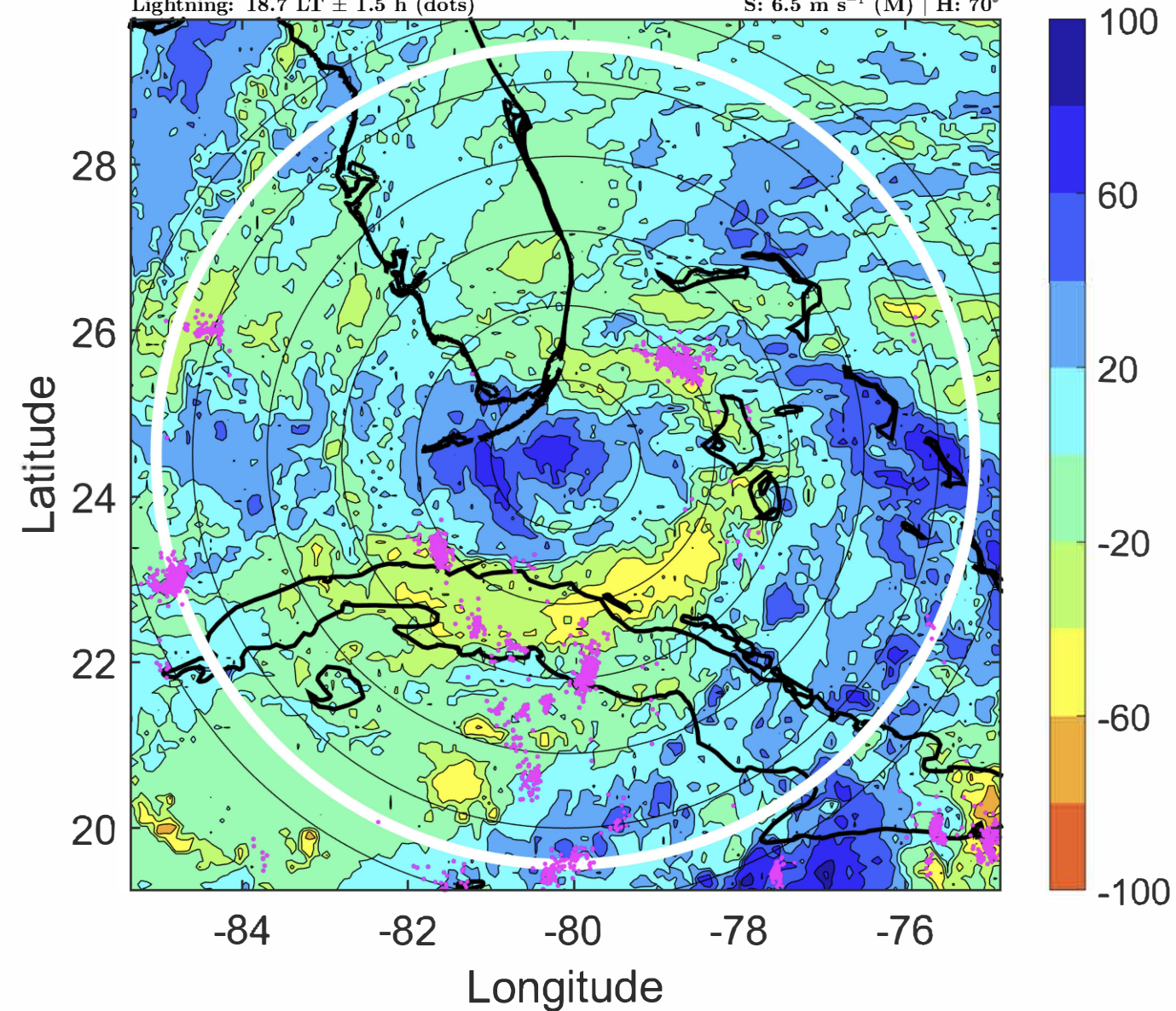
$\Delta$ t: 2020110900 (18.7 LT) - 2020110818 (12.7 LT)

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

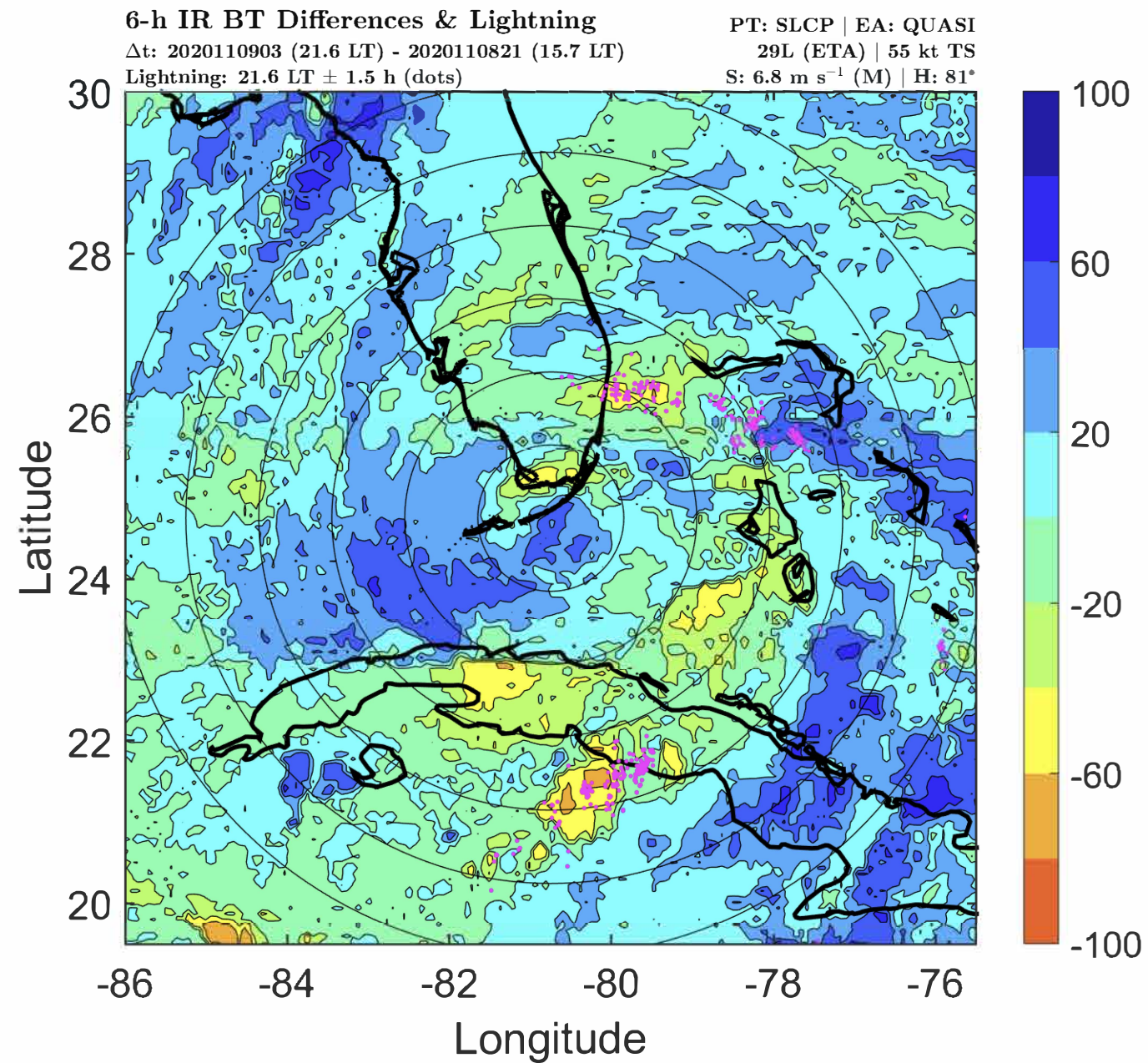
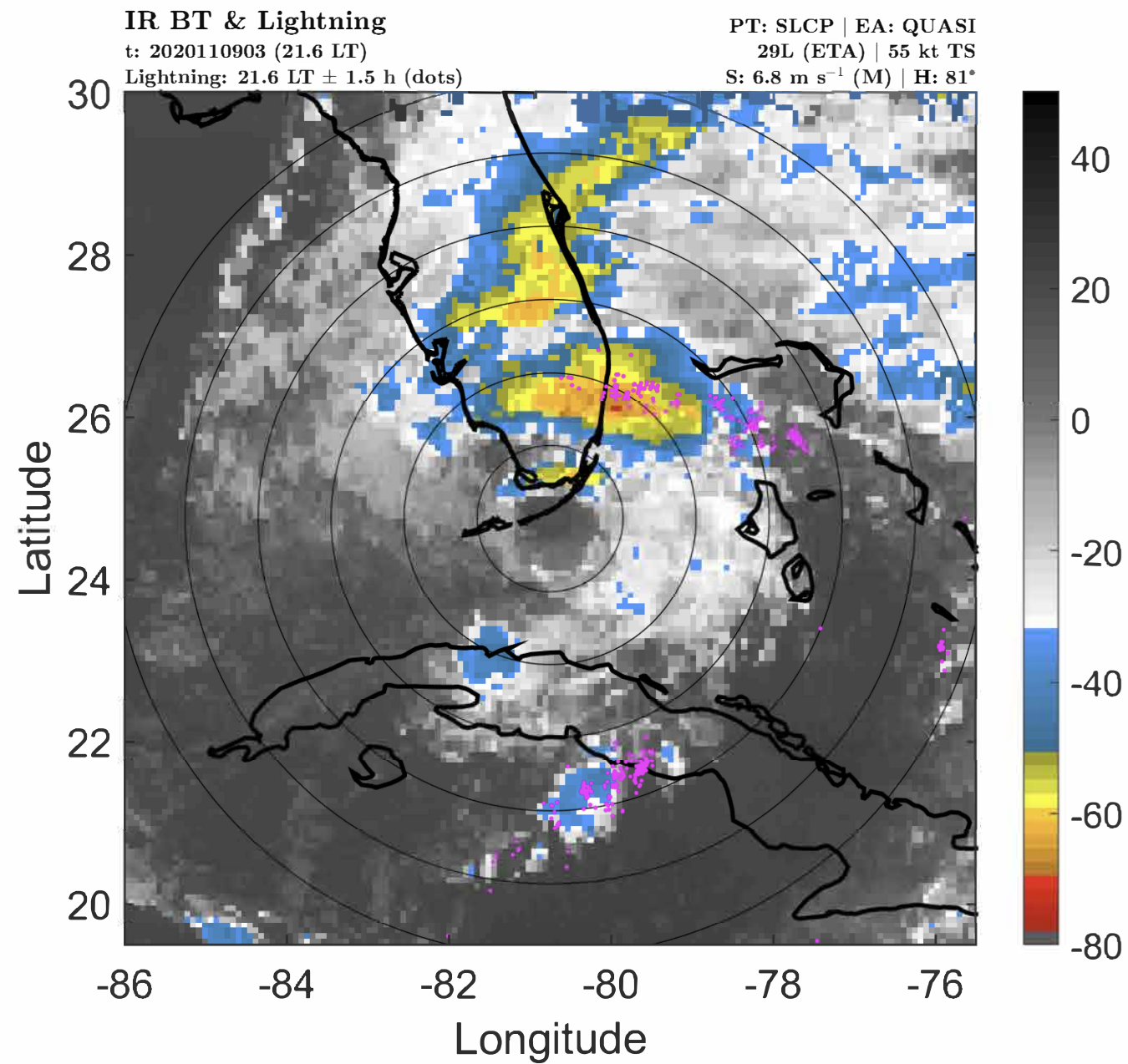
PT: SLCP | EA: QUASI

29L (ETA) | 55 kt TS

S: 6.5 m s<sup>-1</sup> (M) | H: 70°









# IR BT & Lightning

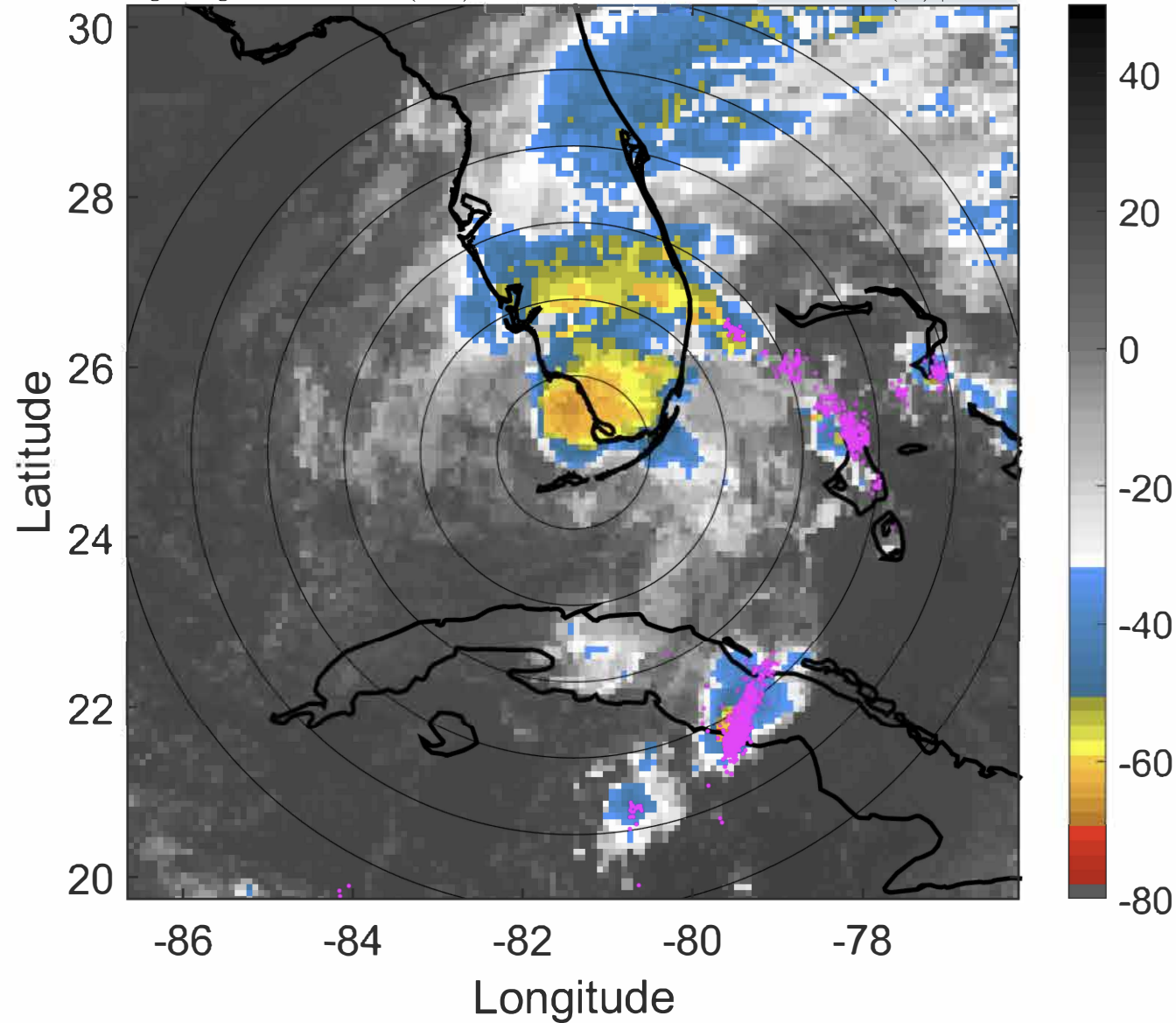
t: 2020110906 (0.6 LT)

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

PT: LLWP | EA: INACT

29L (ETA) | 55 kt TS

S: 7.1 m s<sup>-1</sup> (M) | H: 92°



# 6-h IR BT Differences & Lightning

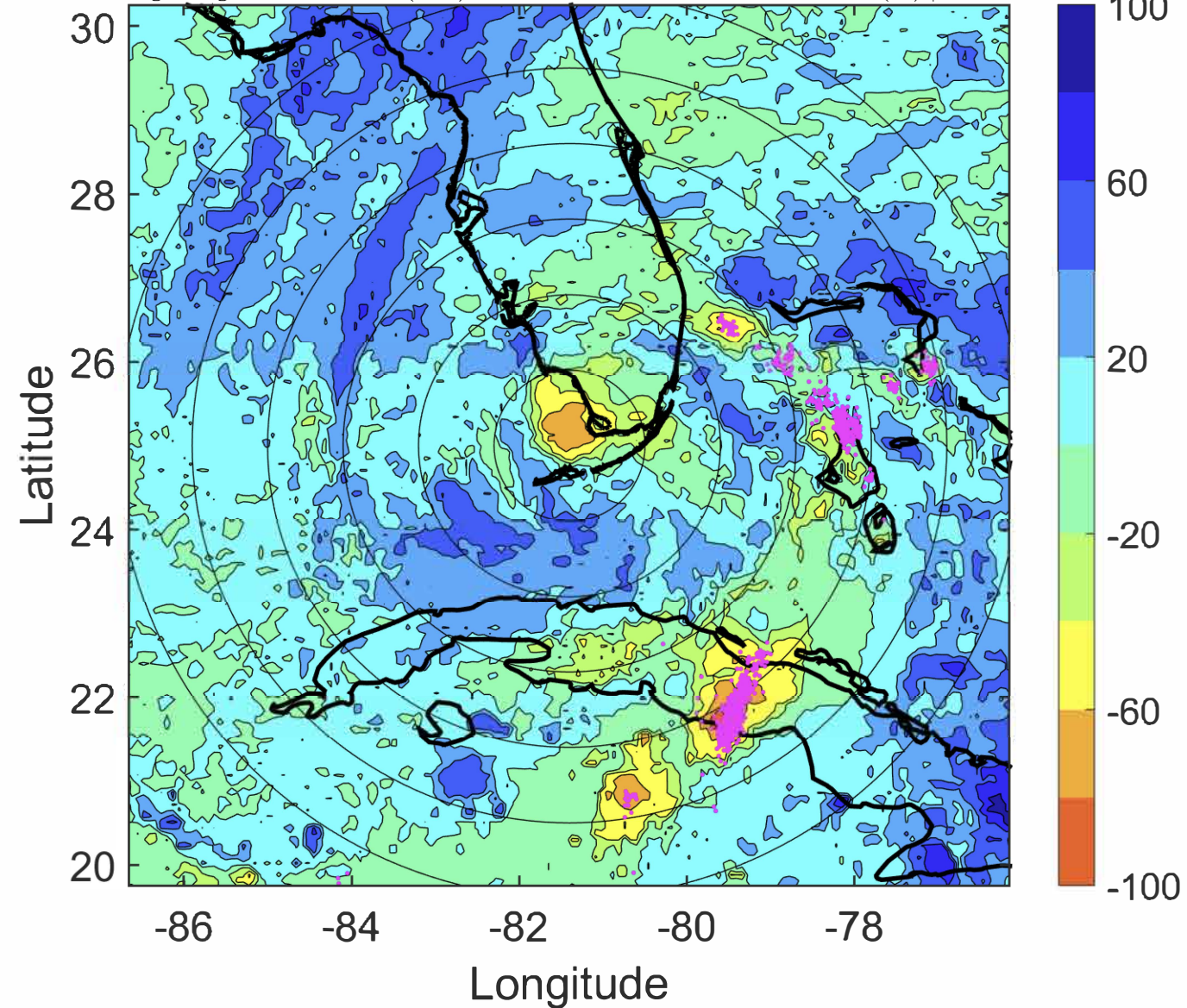
$\Delta$ t: 2020110906 (0.6 LT) - 2020110900 (18.7 LT)

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

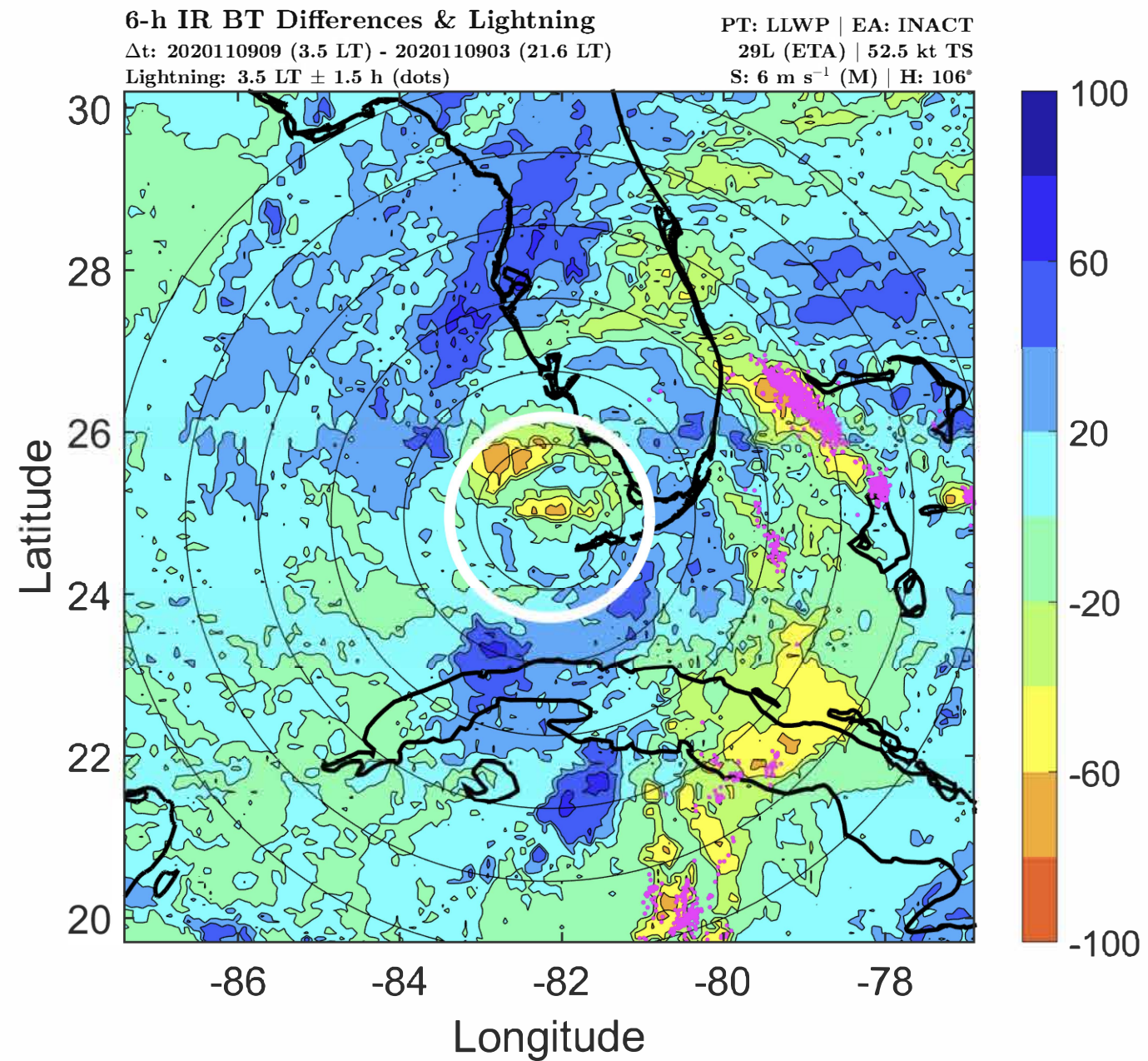
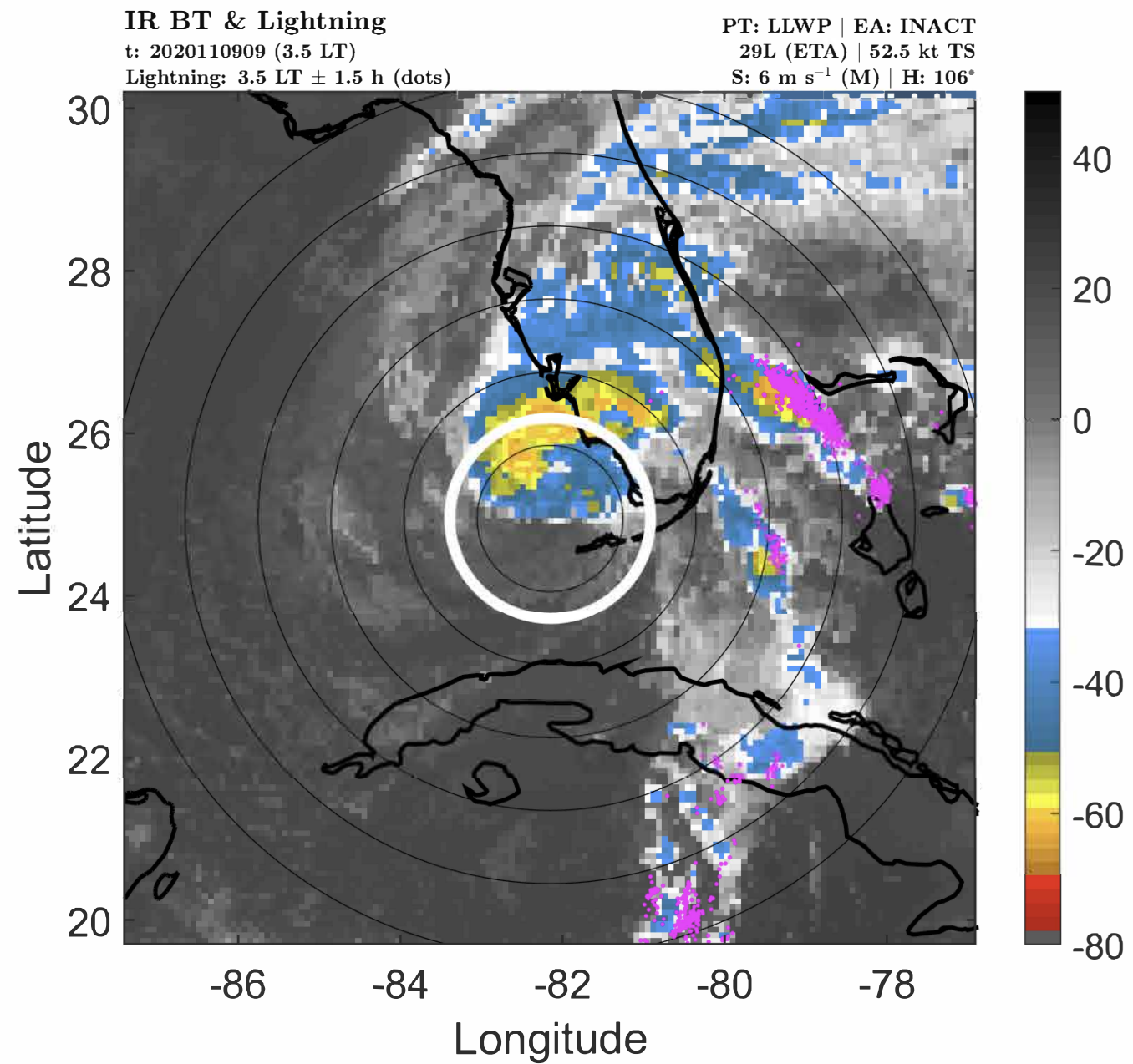
PT: LLWP | EA: INACT

29L (ETA) | 55 kt TS

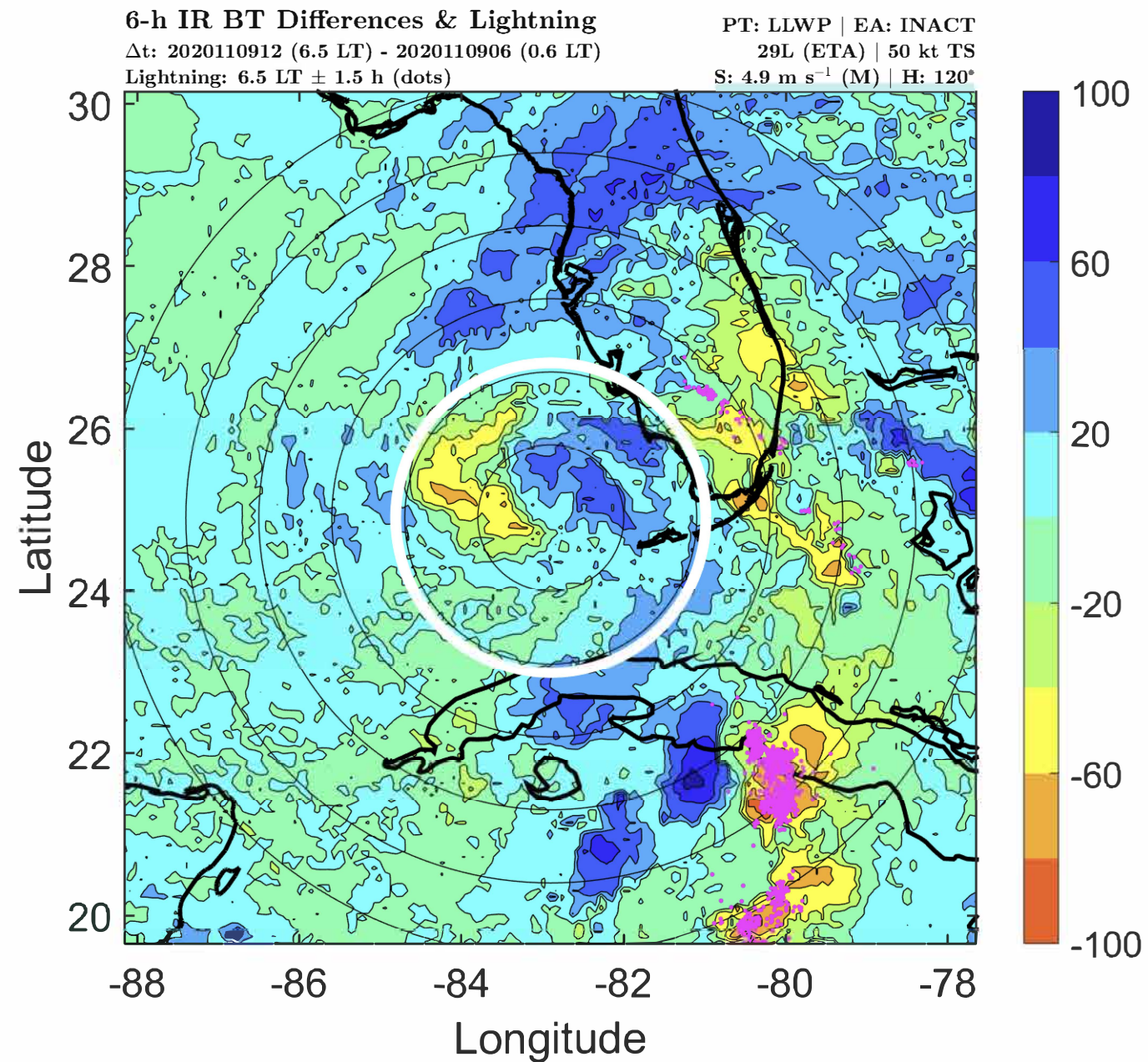
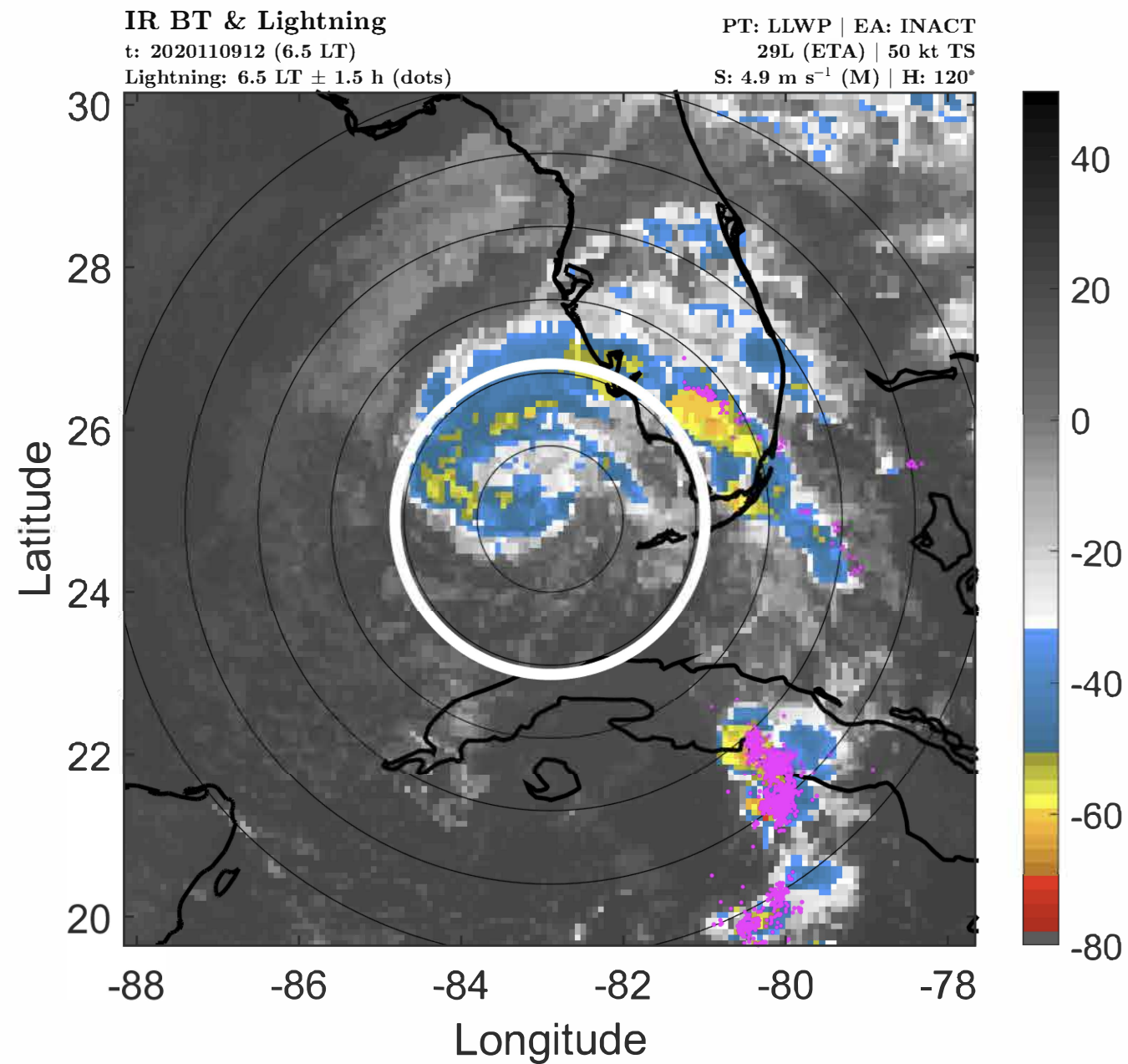
S: 7.1 m s<sup>-1</sup> (M) | H: 92°



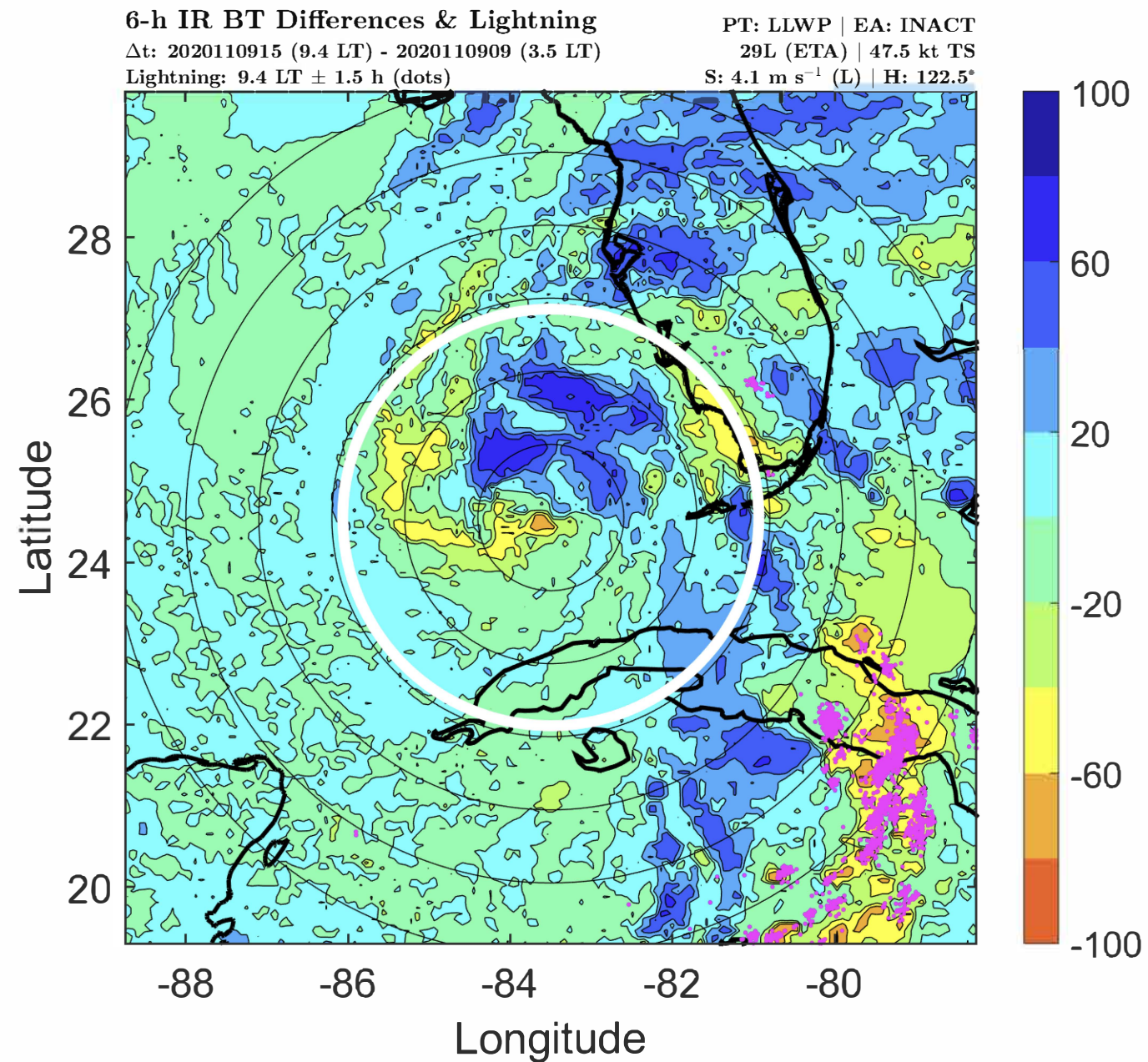
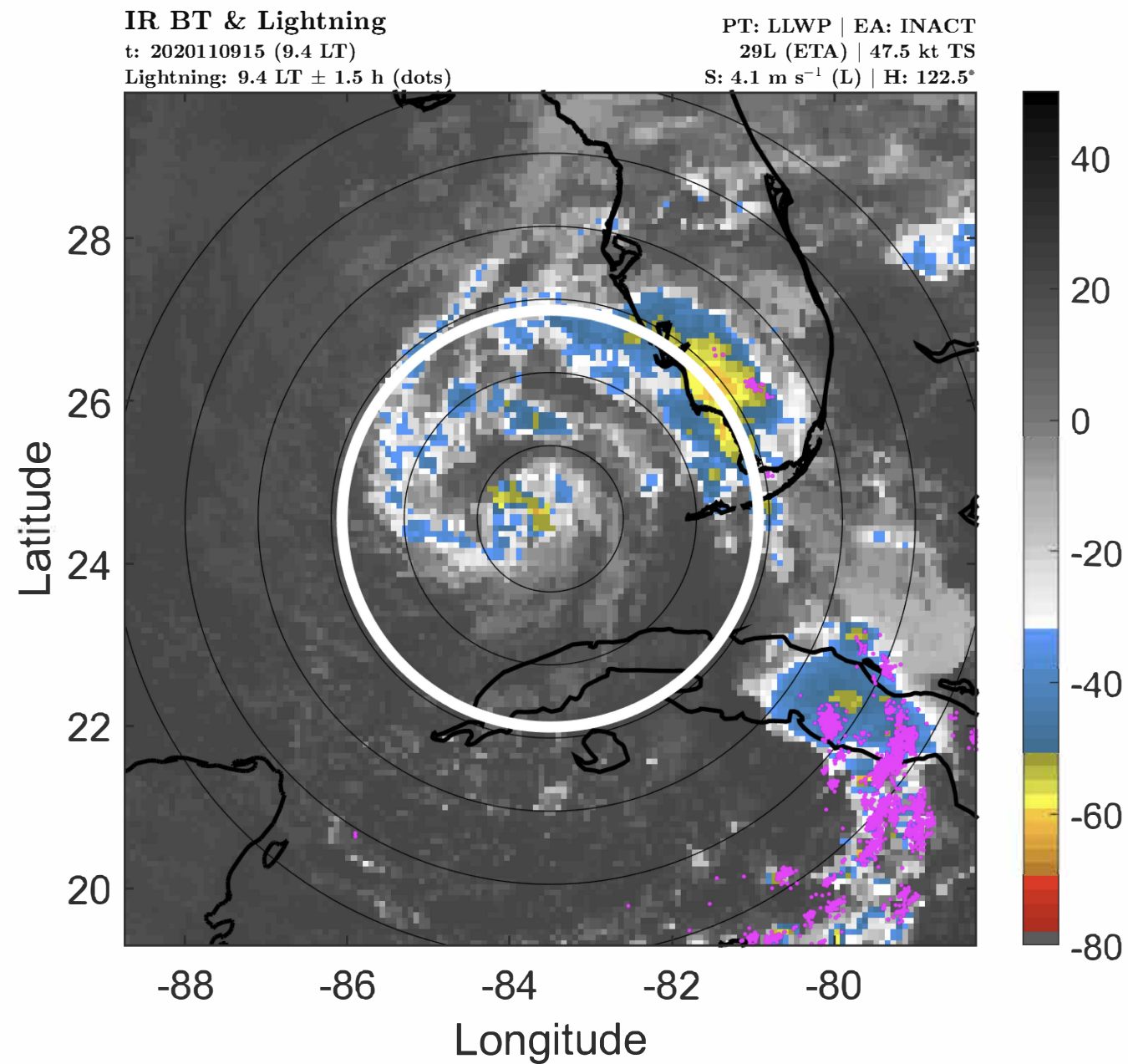














### IR BT & Lightning

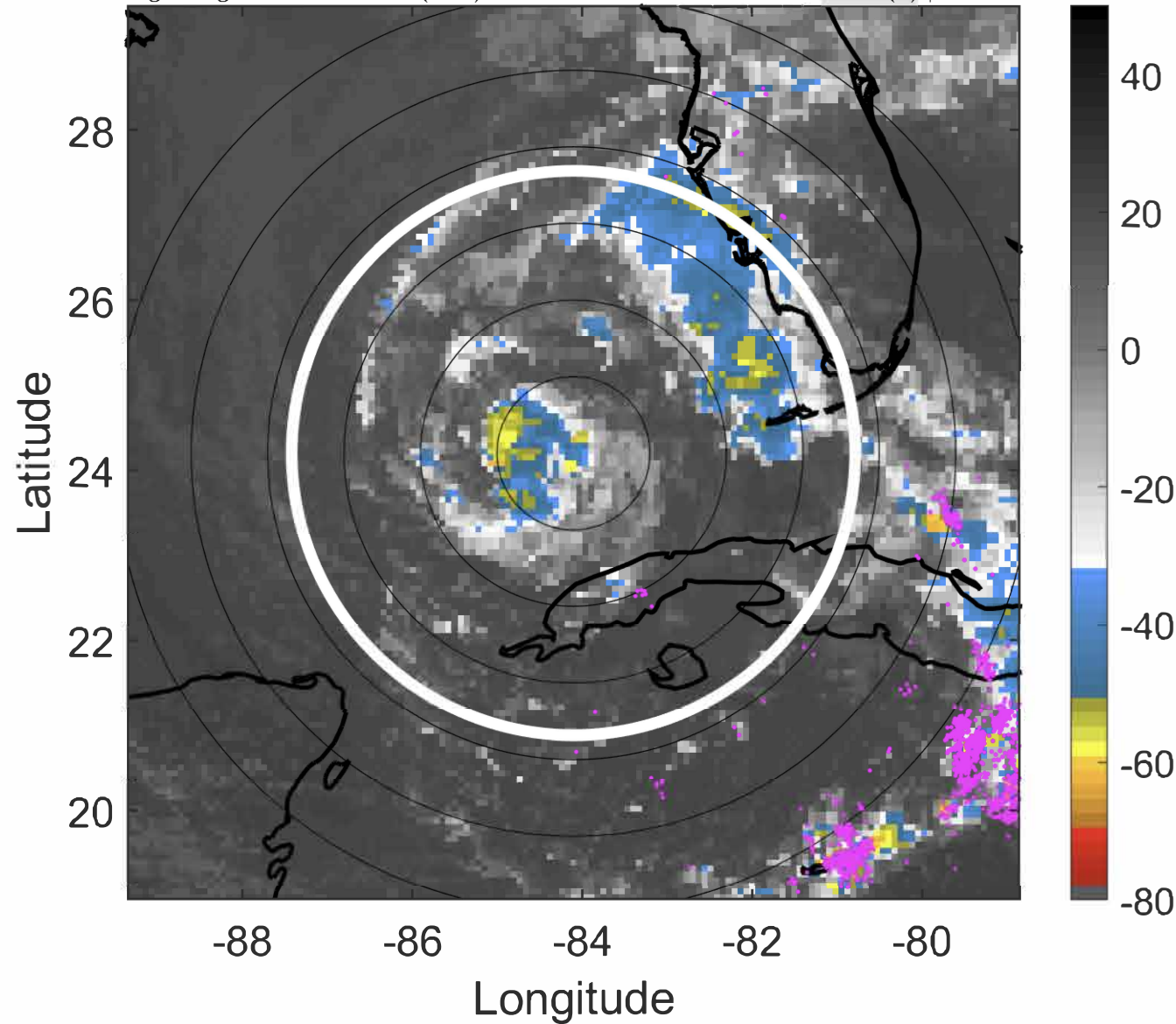
t: 2020110918 (12.4 LT)

Lightning: 12.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 125°



### 6-h IR BT Differences & Lightning

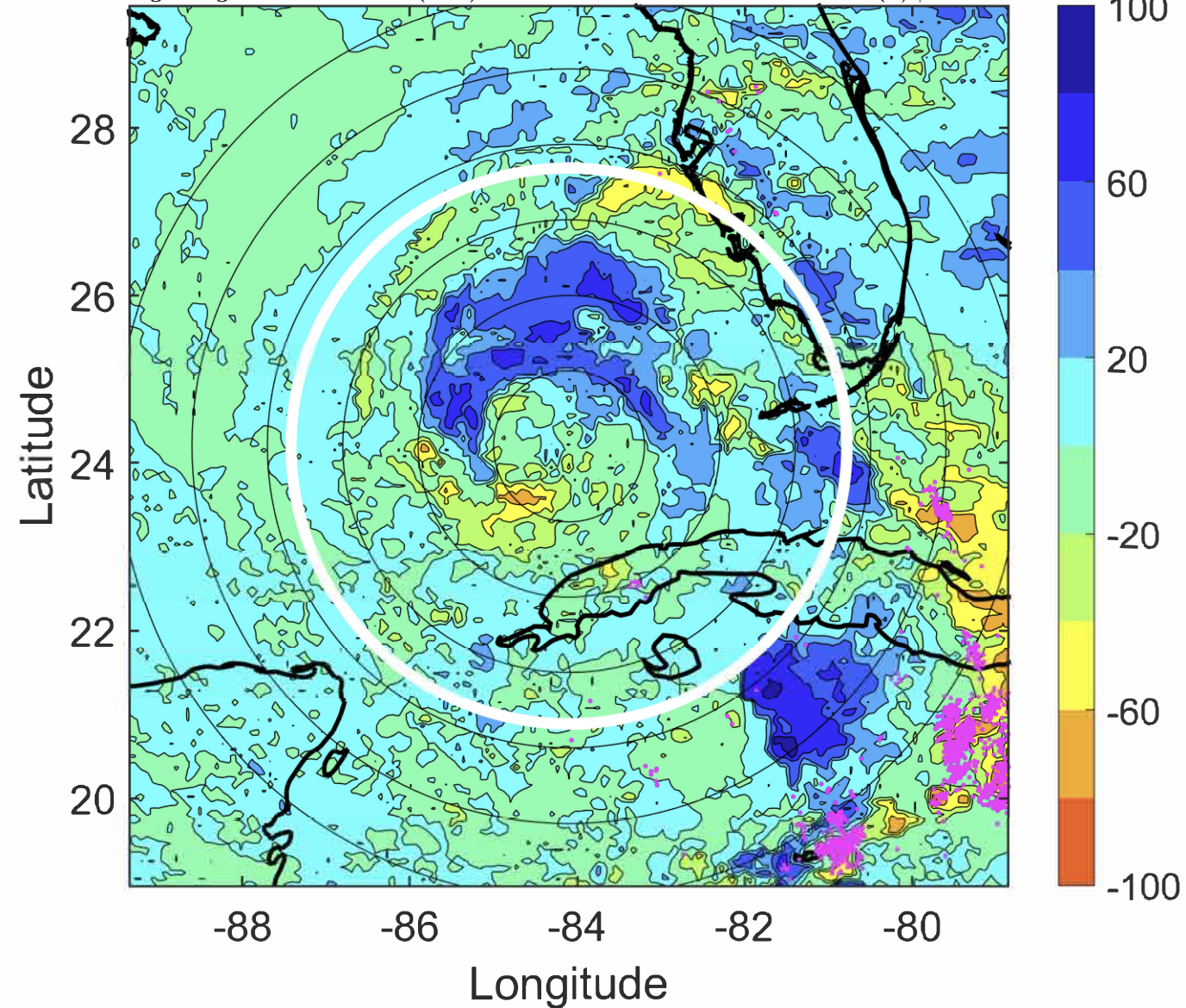
$\Delta$ t: 2020110918 (12.4 LT) - 2020110912 (6.5 LT)

Lightning: 12.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 3.3 m s<sup>-1</sup> (L) | H: 125°





### IR BT & Lightning

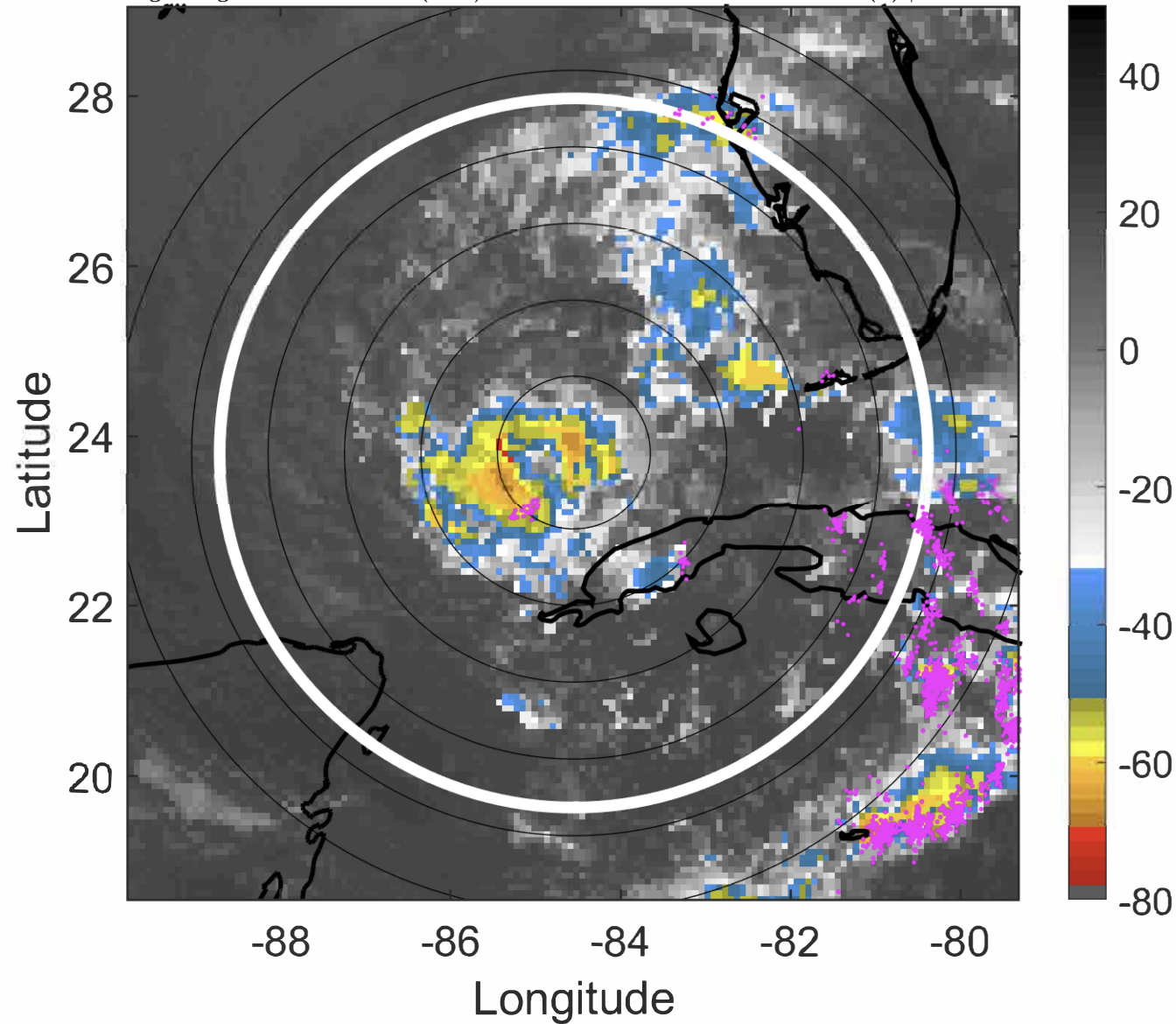
t: 2020110921 (15.4 LT)

Lightning: 15.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 2.7 m s<sup>-1</sup> (L) | H: 135.5°



### 6-h IR BT Differences & Lightning

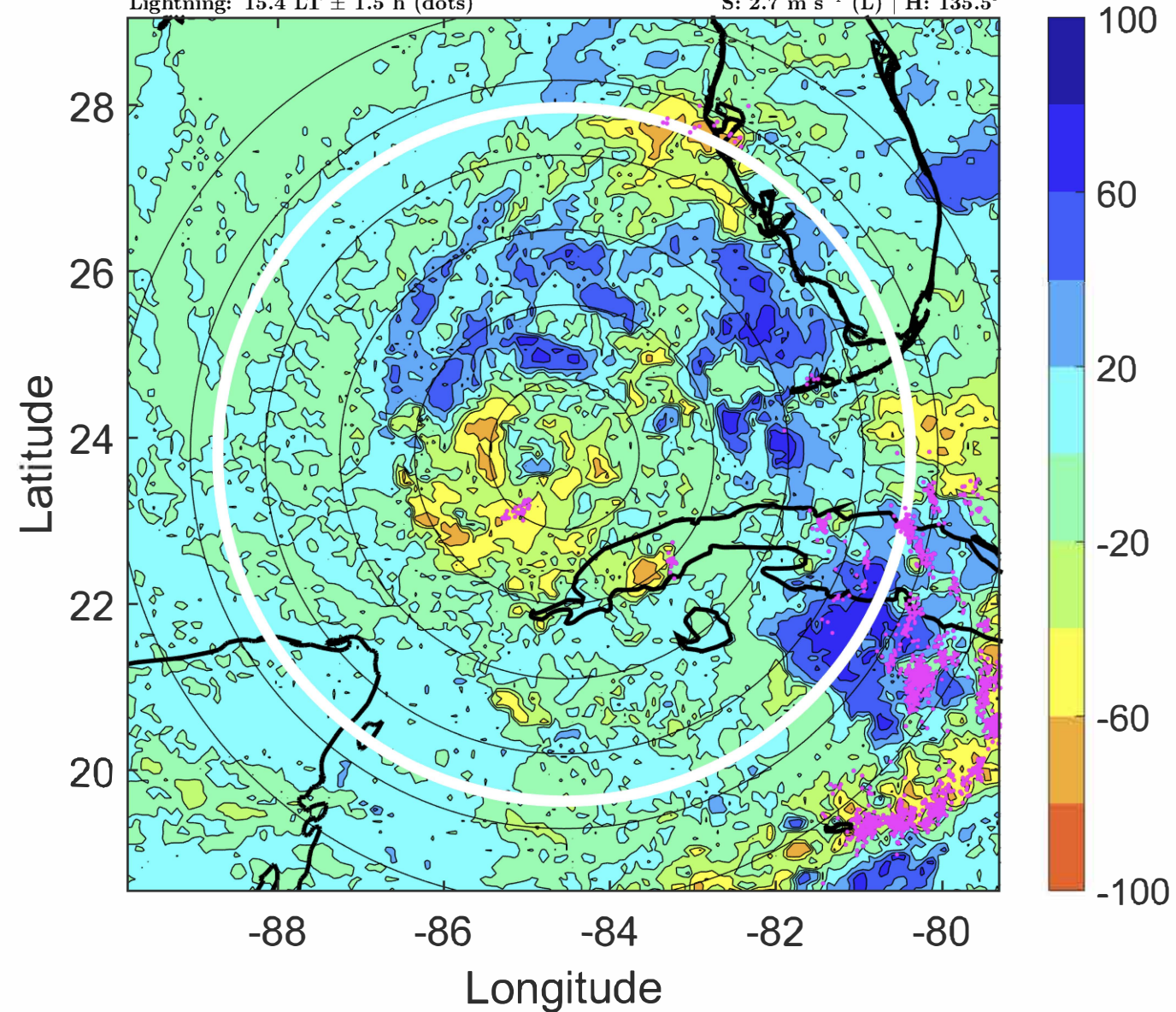
$\Delta$ t: 2020110921 (15.4 LT) - 2020110915 (9.4 LT)

Lightning: 15.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 2.7 m s<sup>-1</sup> (L) | H: 135.5°





### IR BT & Lightning

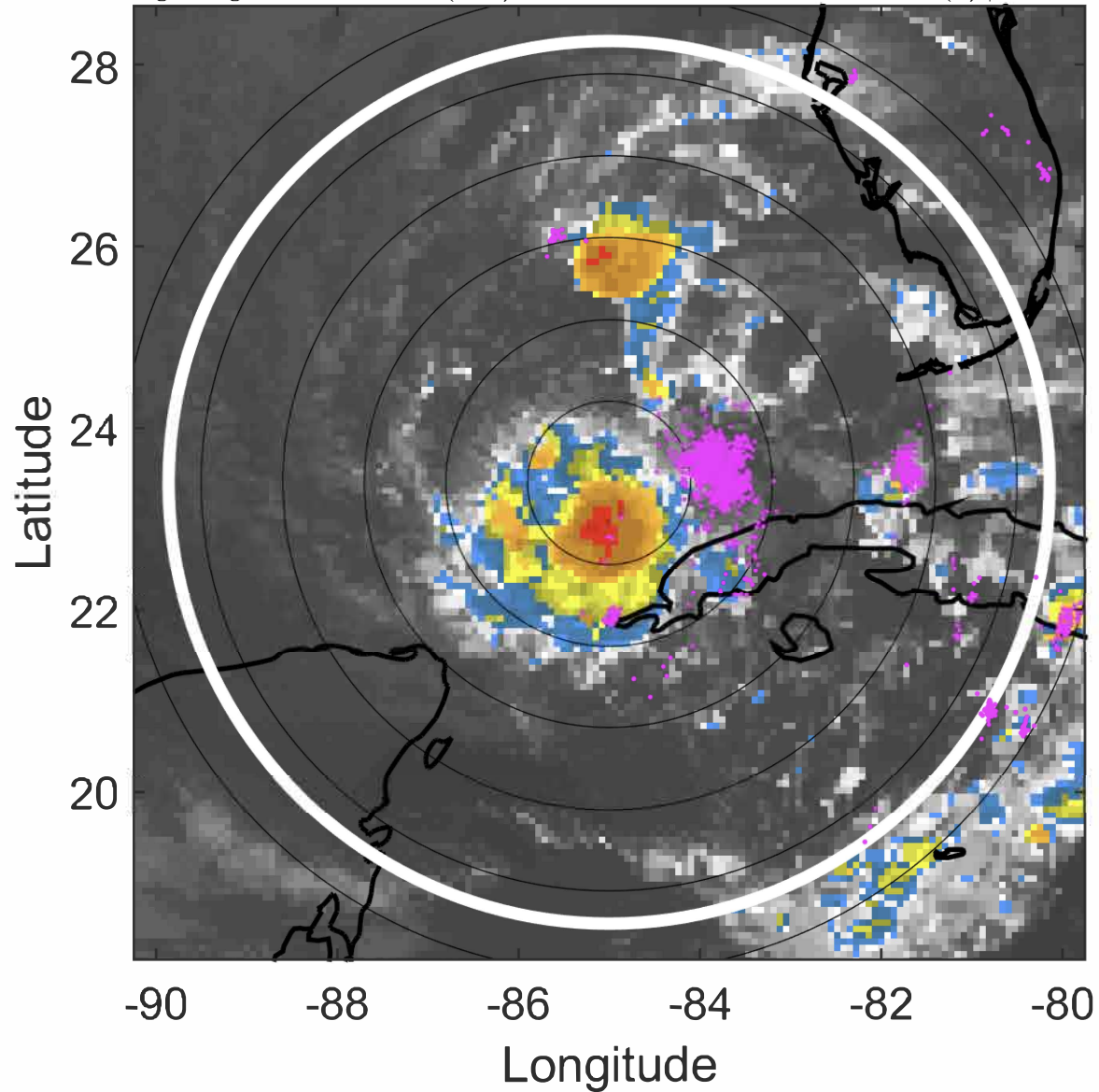
t: 2020111000 (18.3 LT)

Lightning: 18.3 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 2.1 m s<sup>-1</sup> (L) | H: 146°



### 6-h IR BT Differences & Lightning

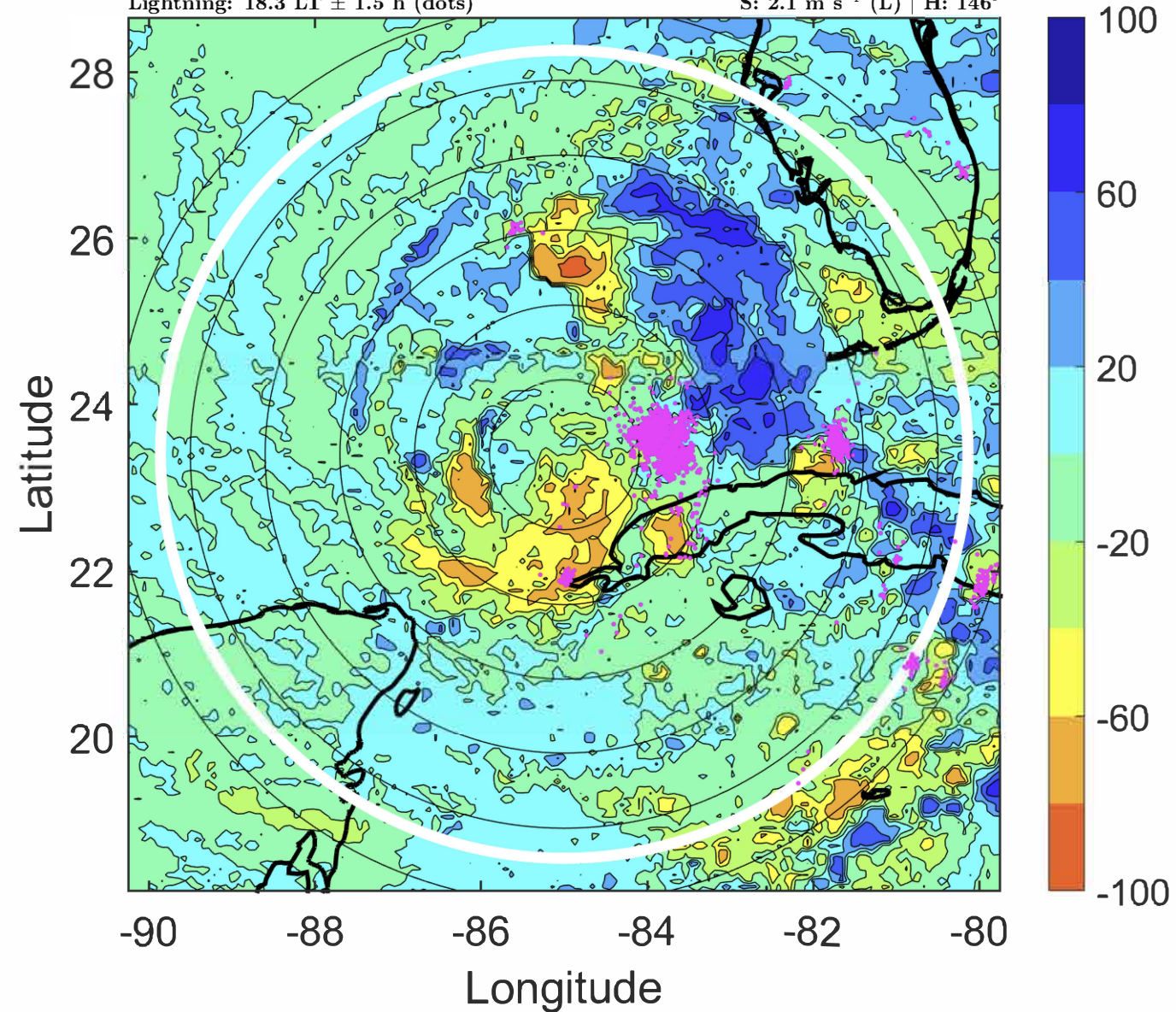
$\Delta$ t: 2020111000 (18.3 LT) - 2020110918 (12.4 LT)

Lightning: 18.3 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 2.1 m s<sup>-1</sup> (L) | H: 146°





### IR BT & Lightning

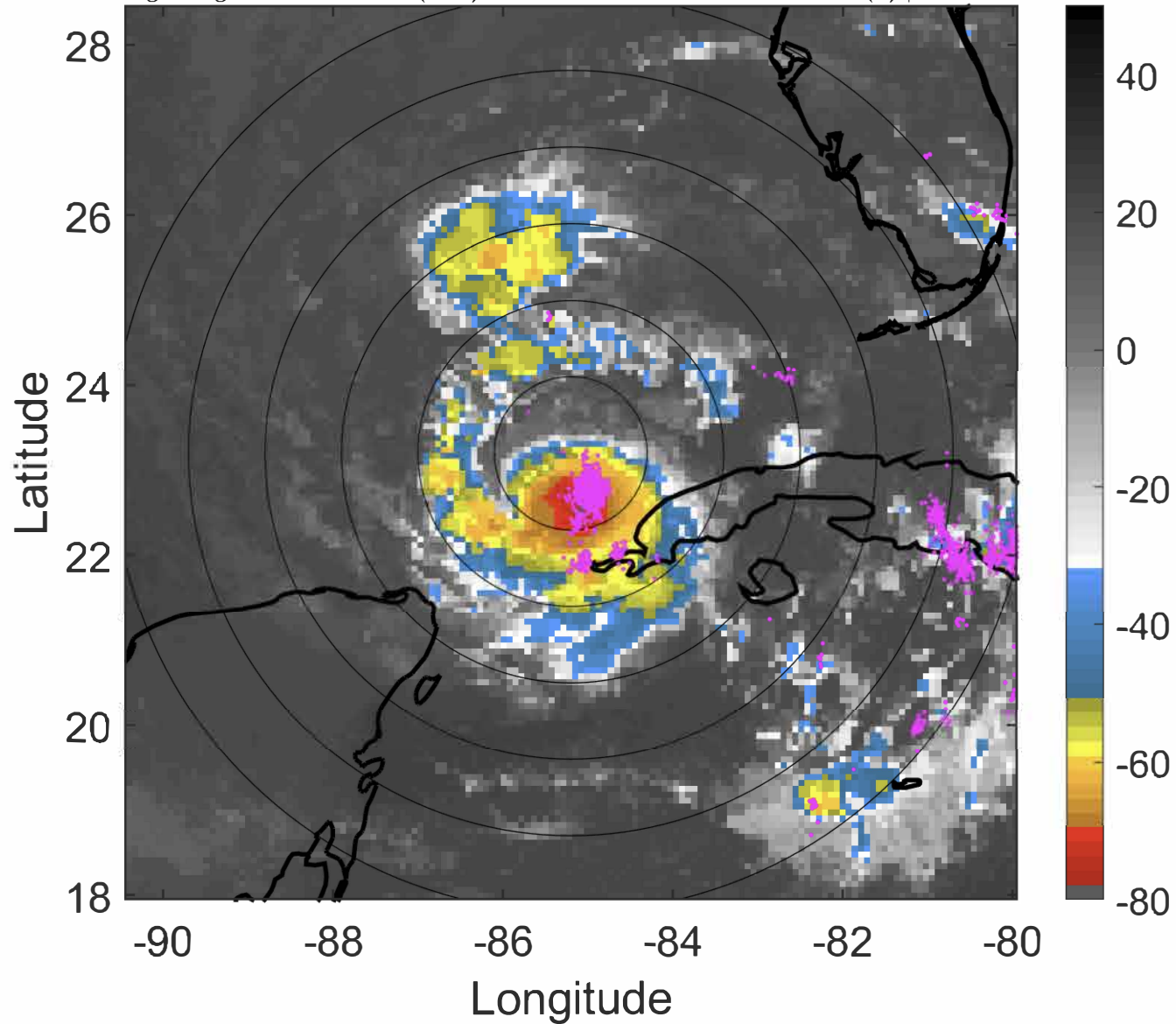
t: 2020111003 (21.3 LT)

Lightning: 21.3 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

S: 2.5 m s<sup>-1</sup> (L) | H: 155.5°



### 6-h IR BT Differences & Lightning

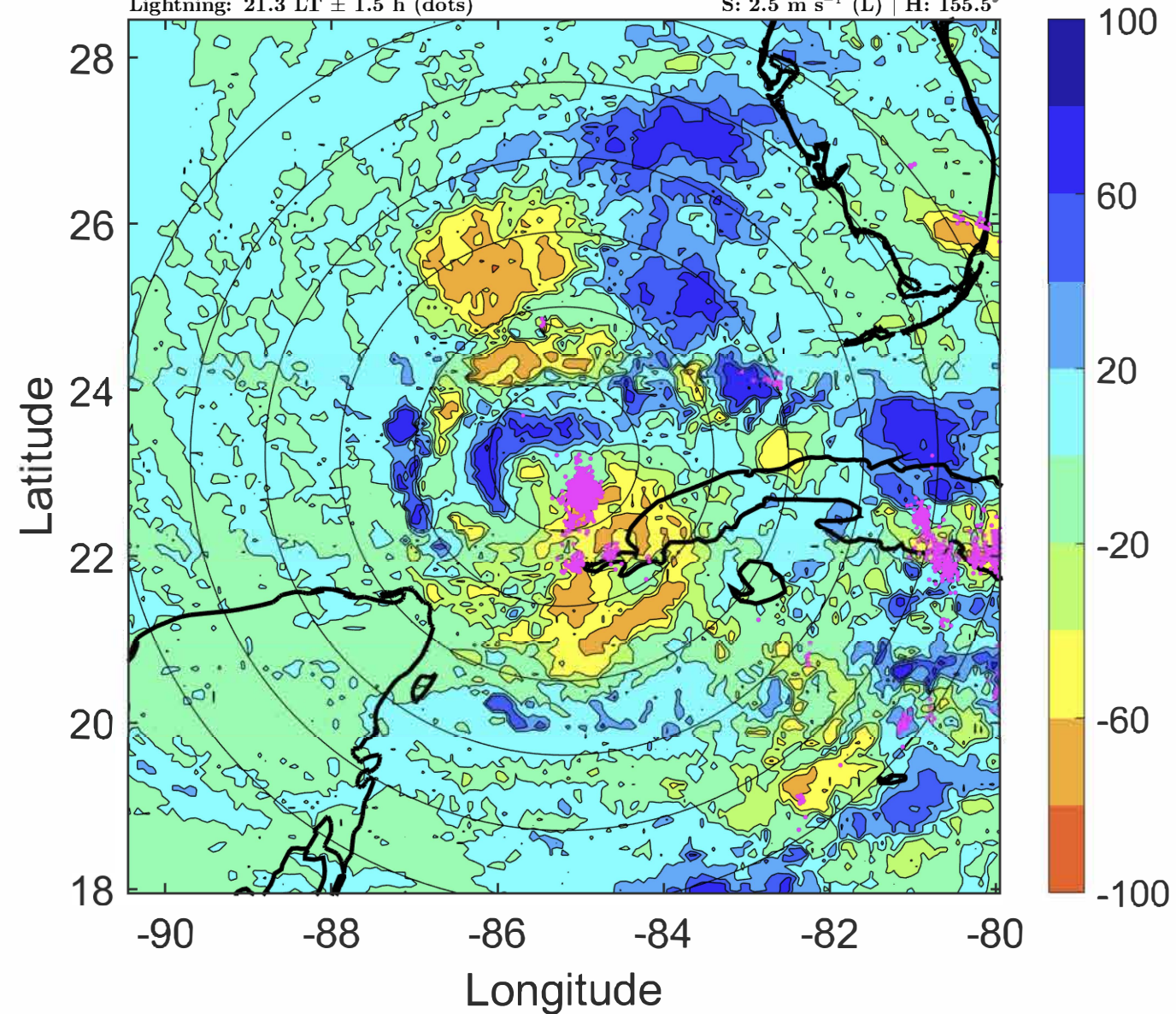
$\Delta$ t: 2020111003 (21.3 LT) - 2020110921 (15.4 LT)

Lightning: 21.3 LT  $\pm$  1.5 h (dots)

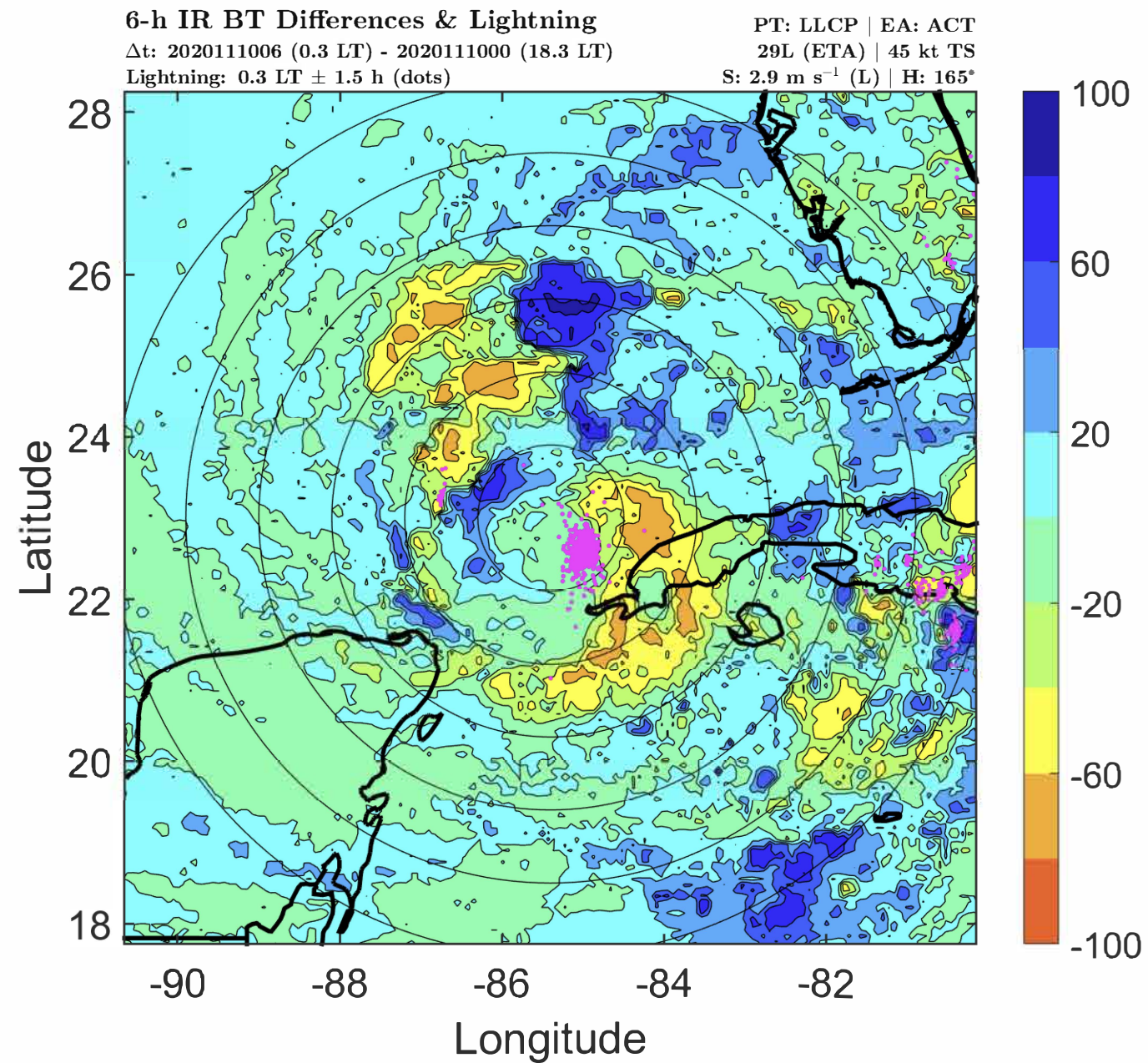
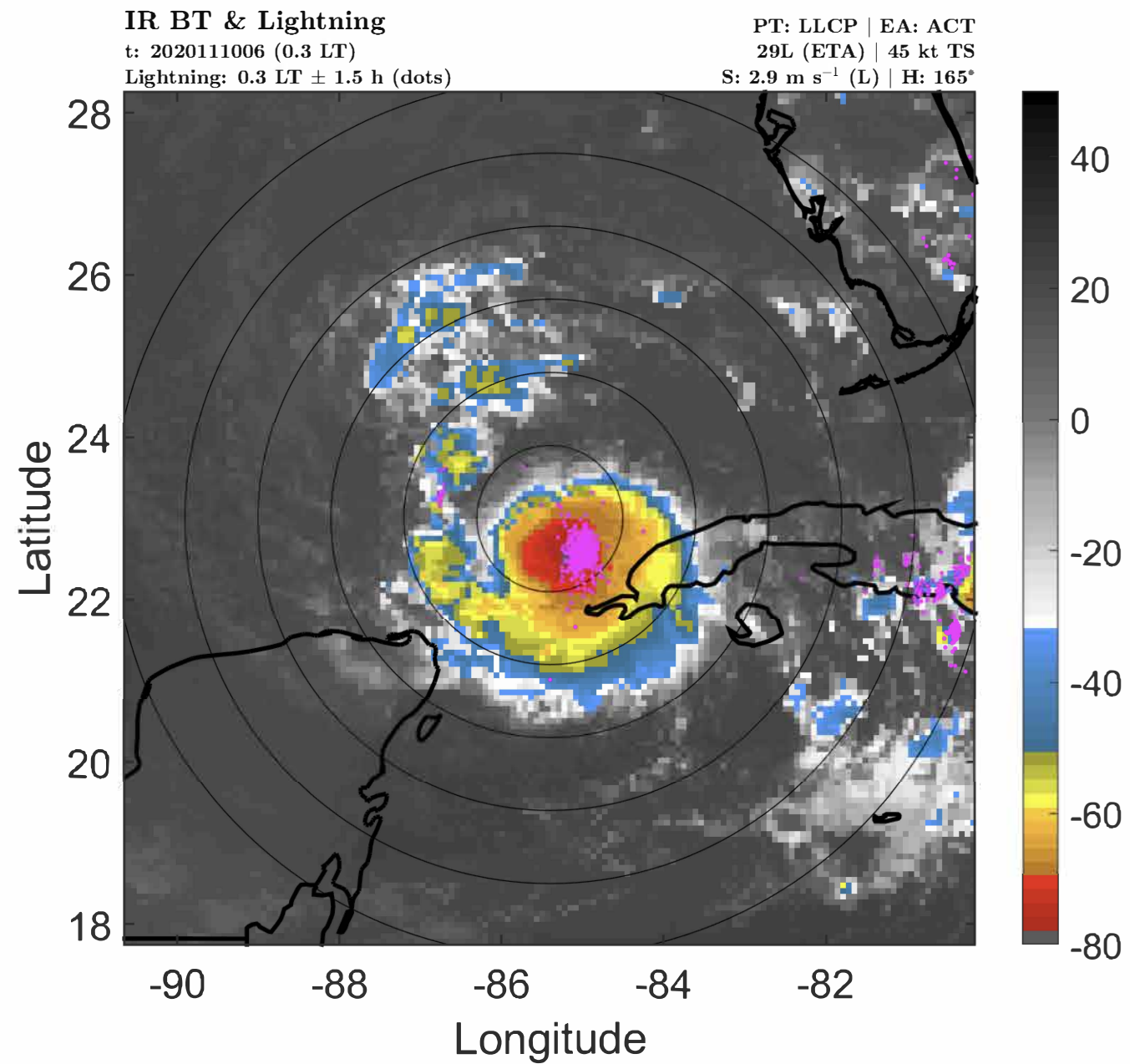
PT: LLWP | EA: INACT

29L (ETA) | 45 kt TS

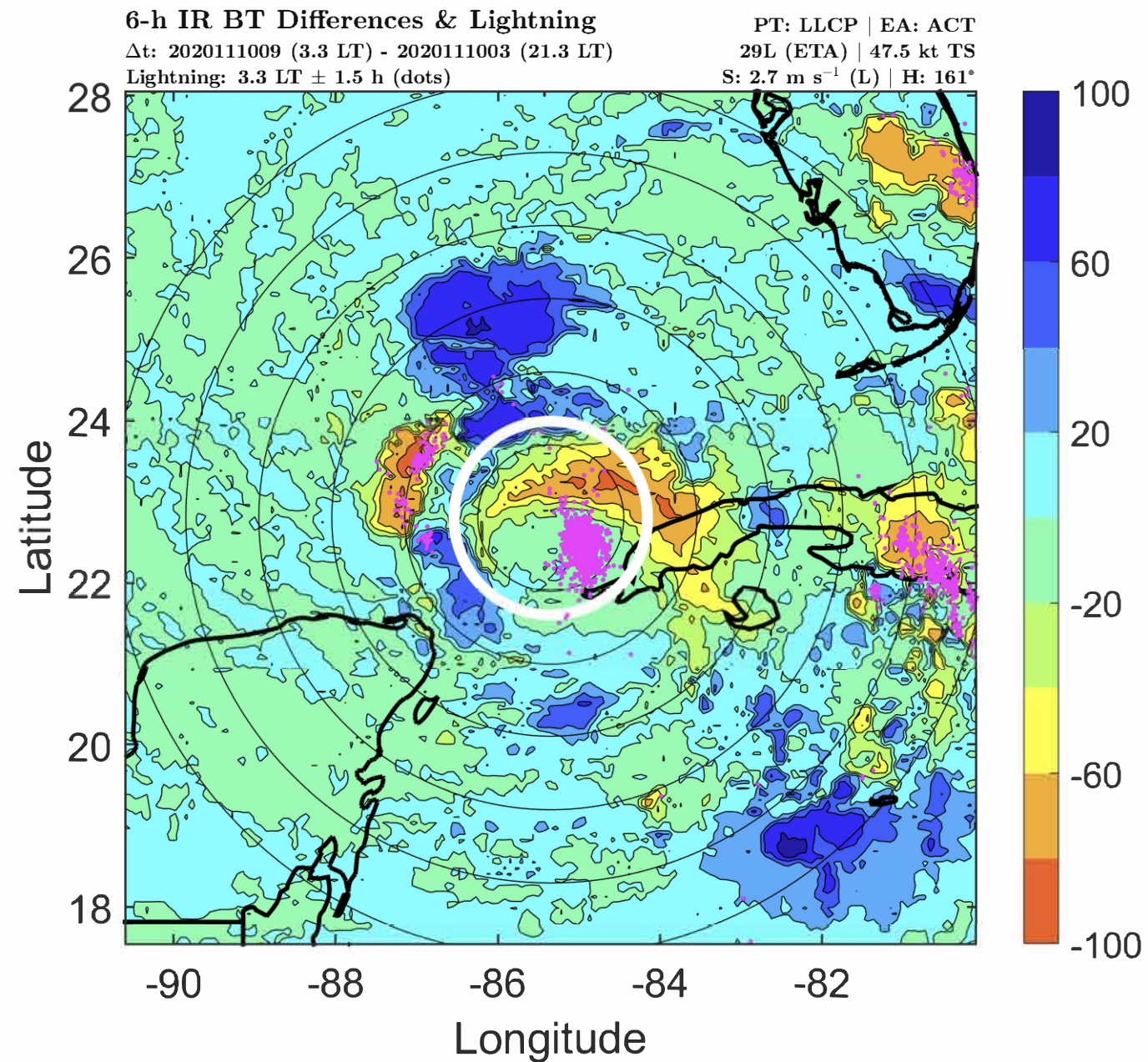
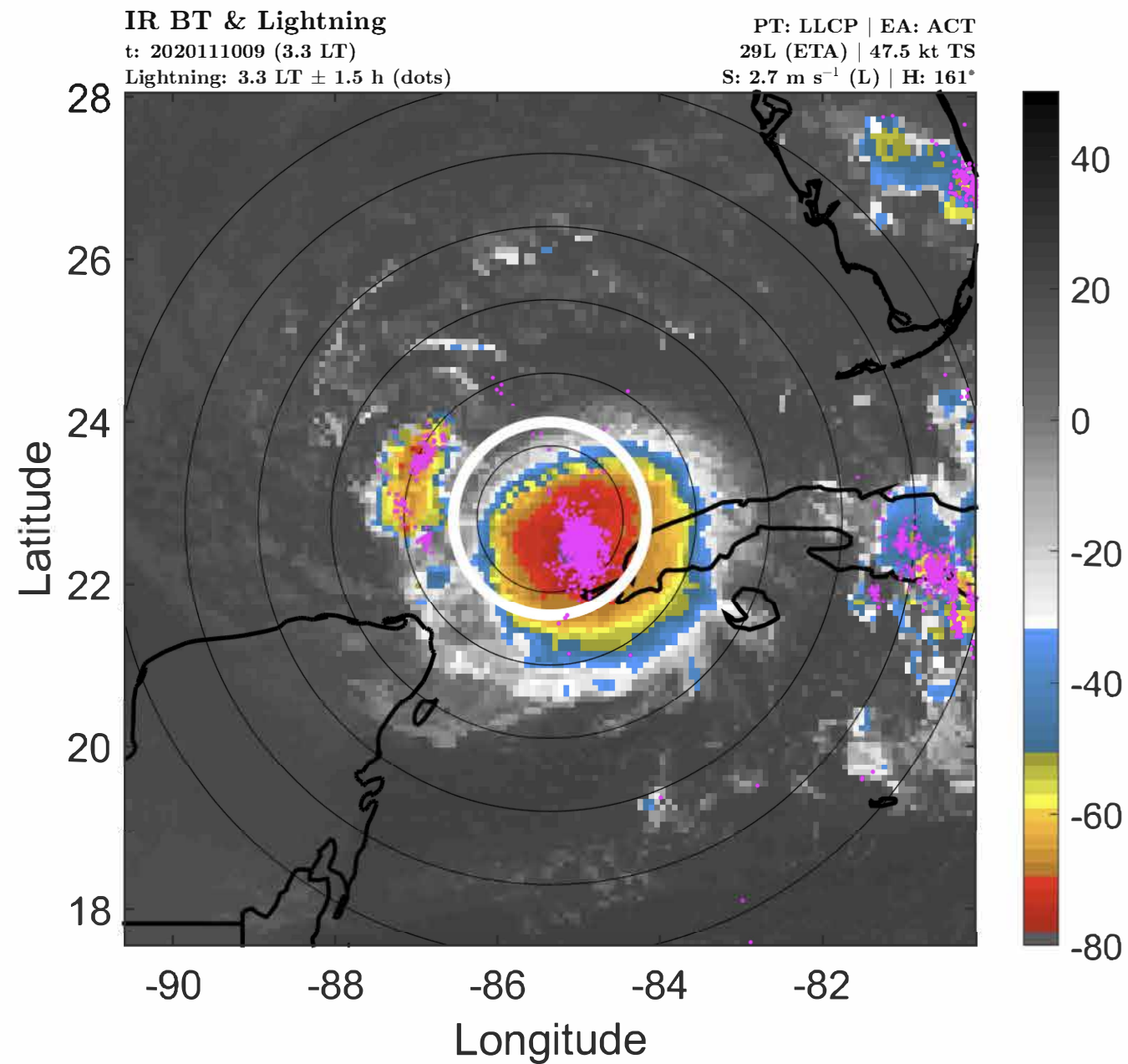
S: 2.5 m s<sup>-1</sup> (L) | H: 155.5°













# IR BT & Lightning

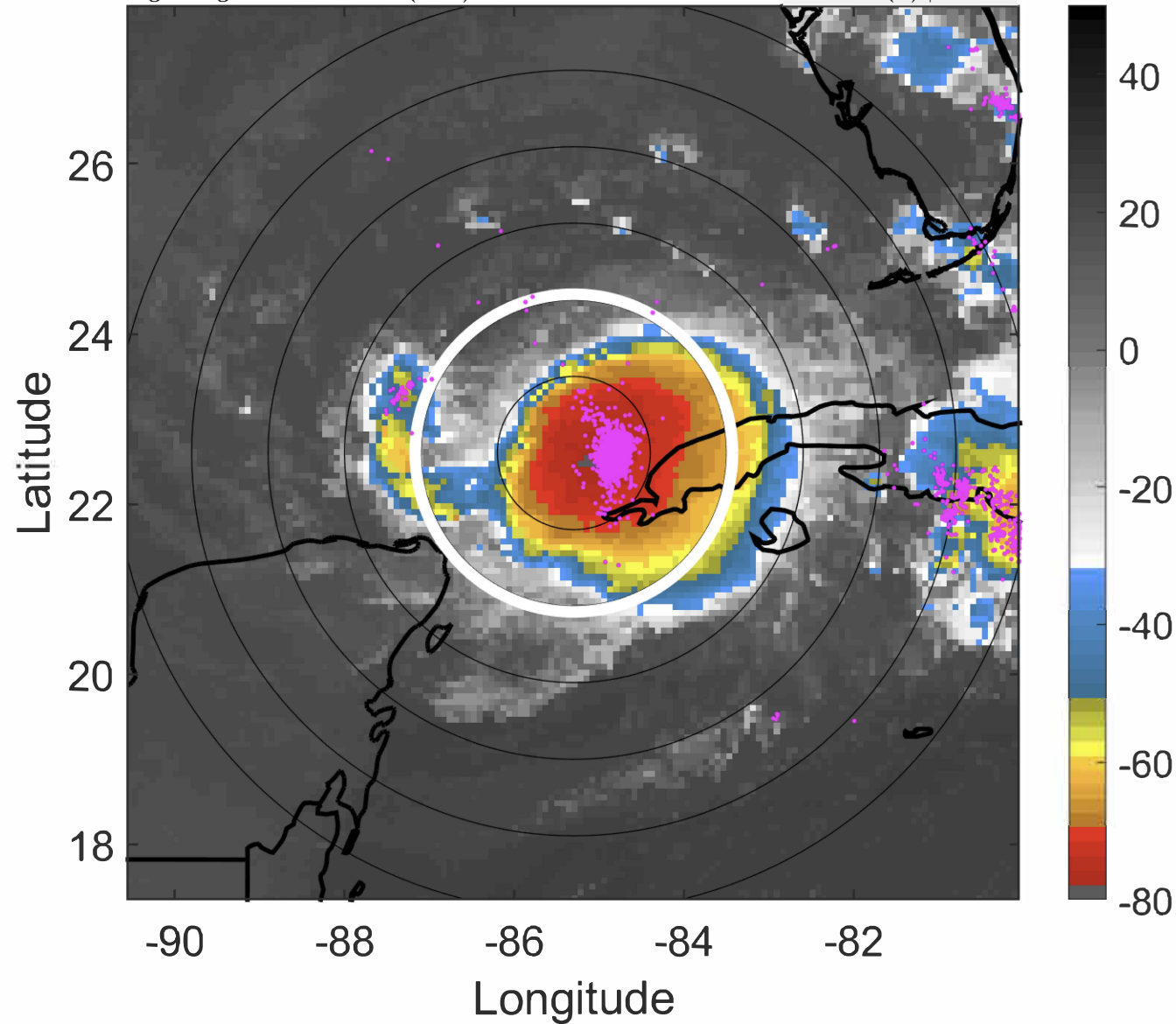
t: 2020111012 (6.3 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 50 kt TS

S: 2.5 m s<sup>-1</sup> (L) | H: 157°



# 6-h IR BT Differences & Lightning

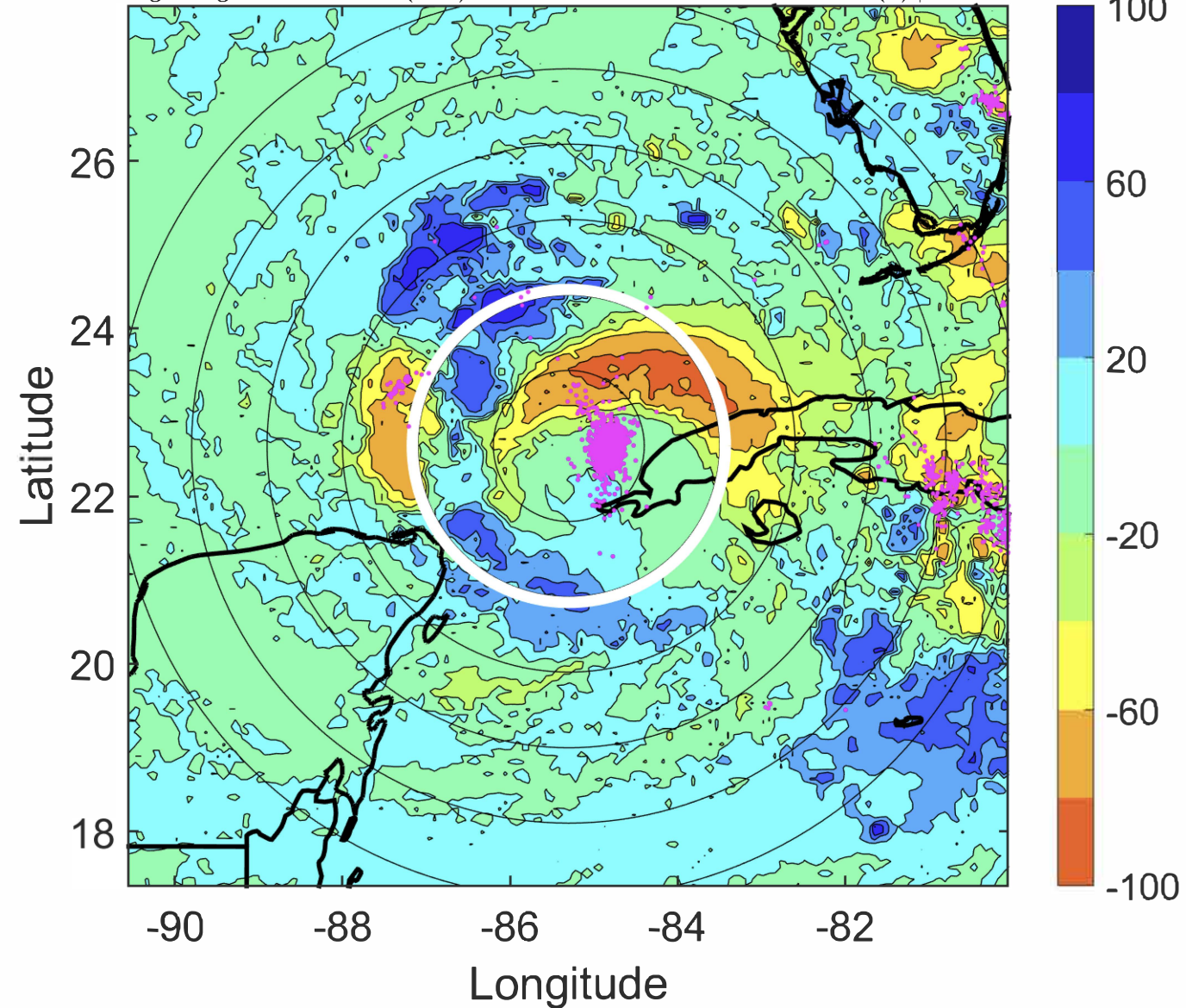
$\Delta$ t: 2020111012 (6.3 LT) - 2020111006 (0.3 LT)

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

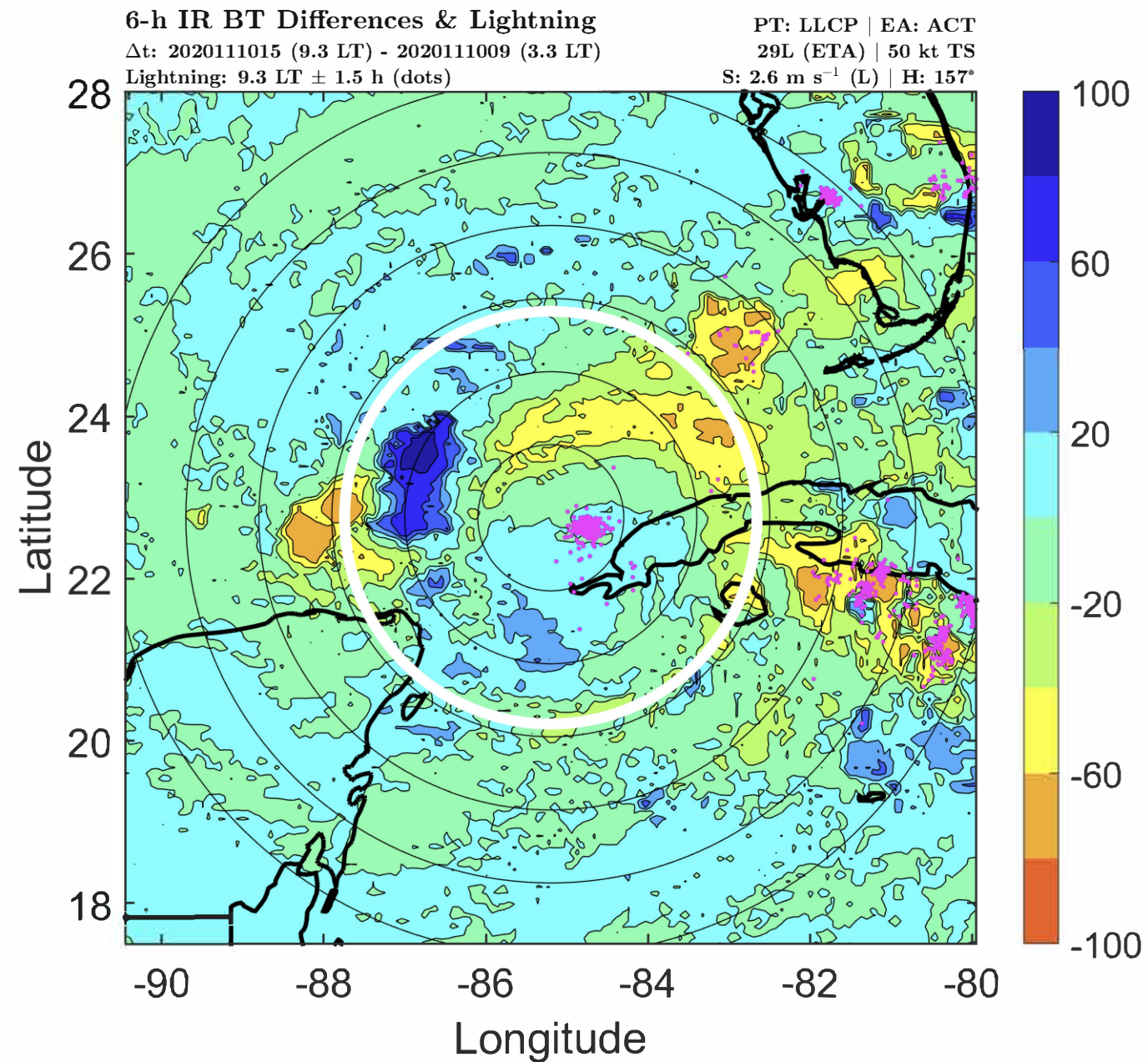
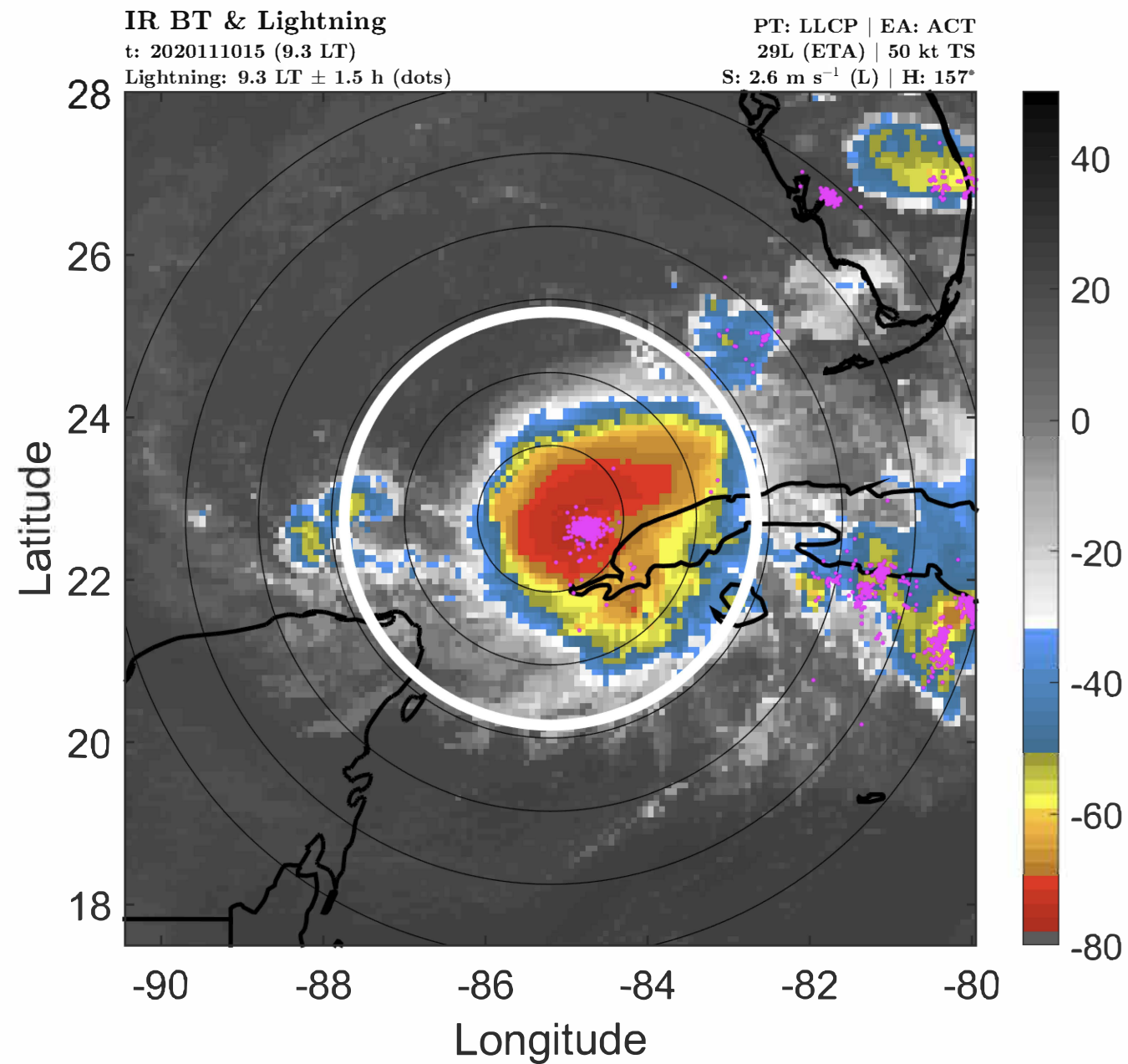
PT: LLCP | EA: ACT

29L (ETA) | 50 kt TS

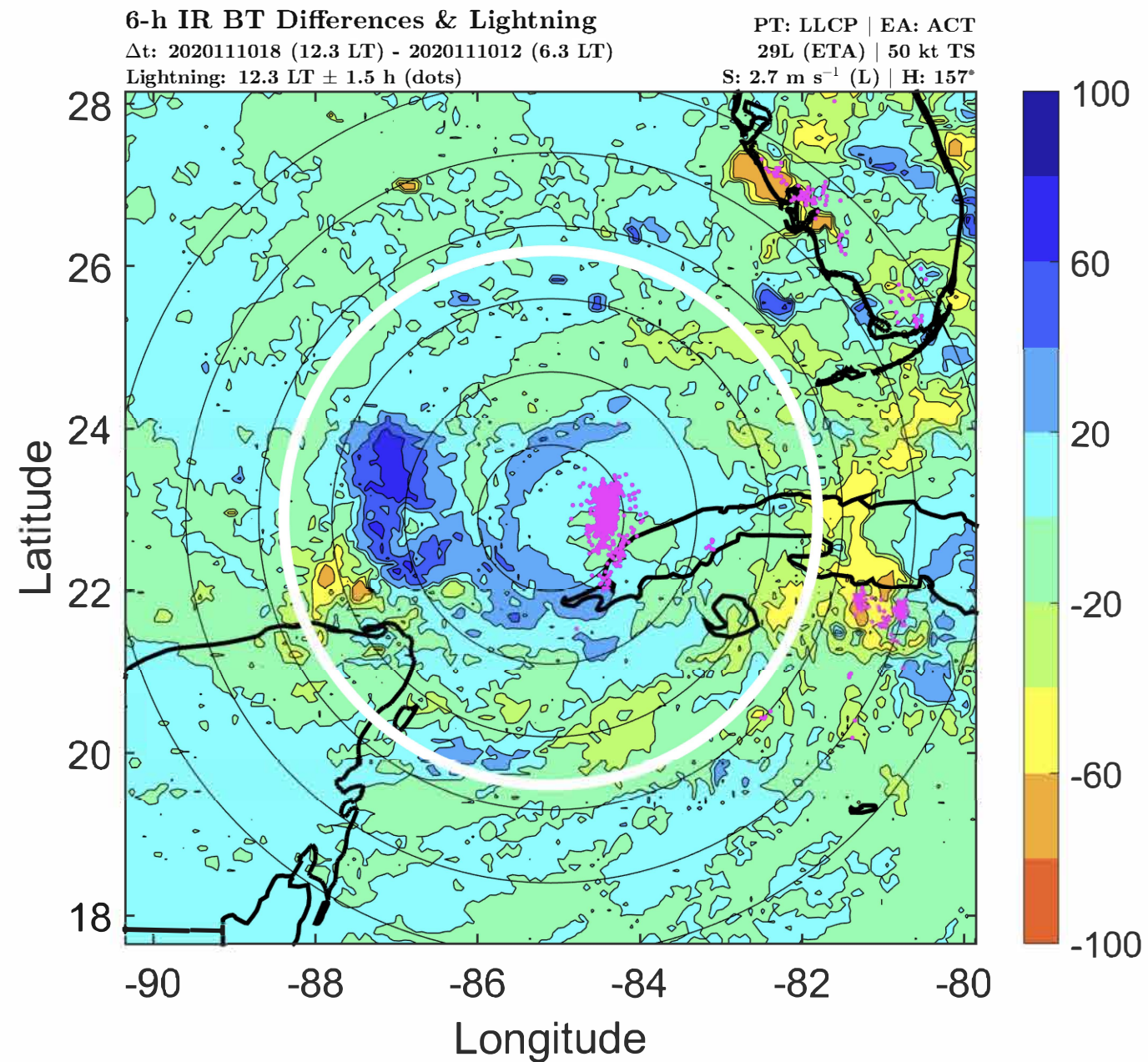
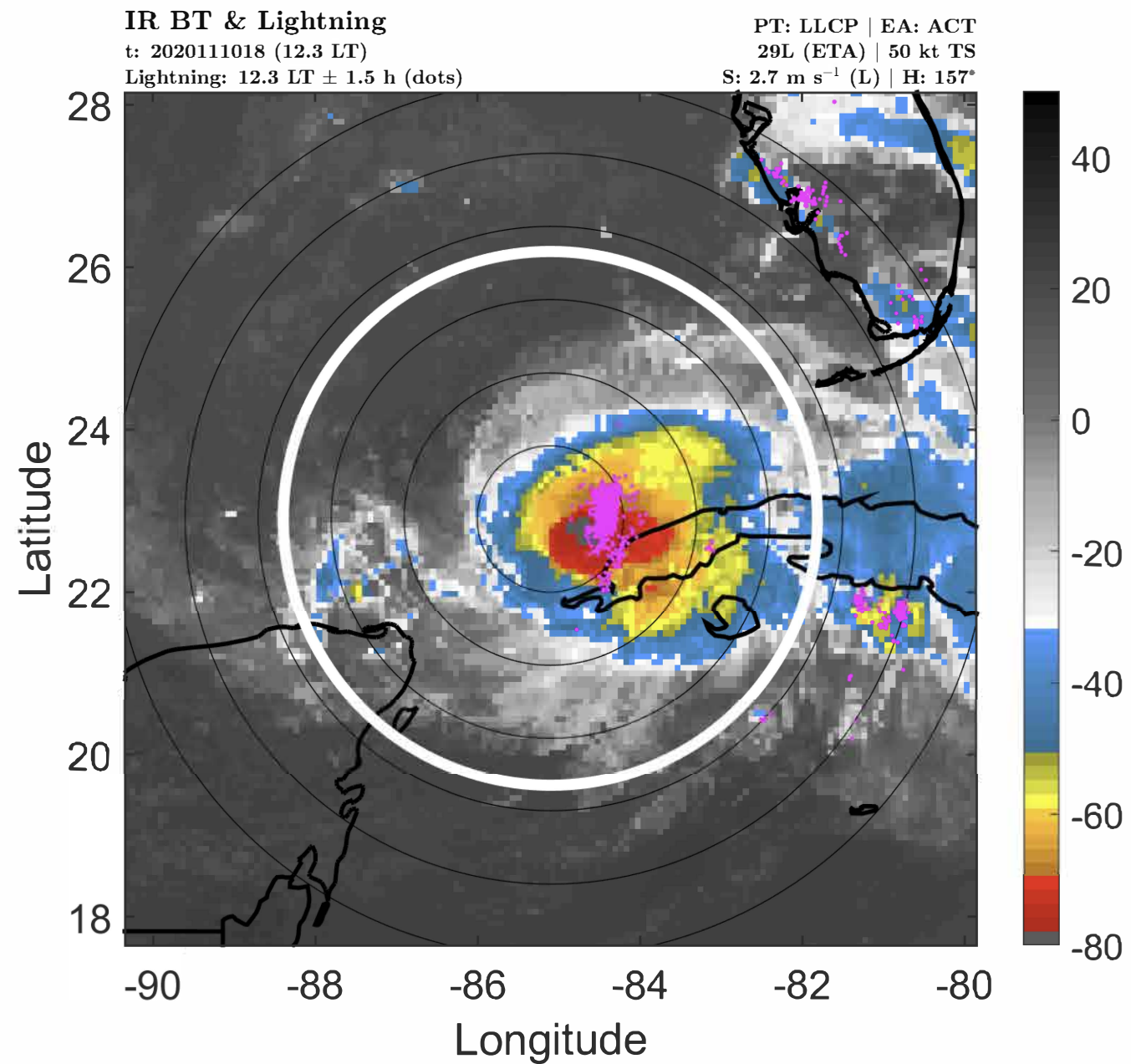
S: 2.5 m s<sup>-1</sup> (L) | H: 157°













# IR BT & Lightning

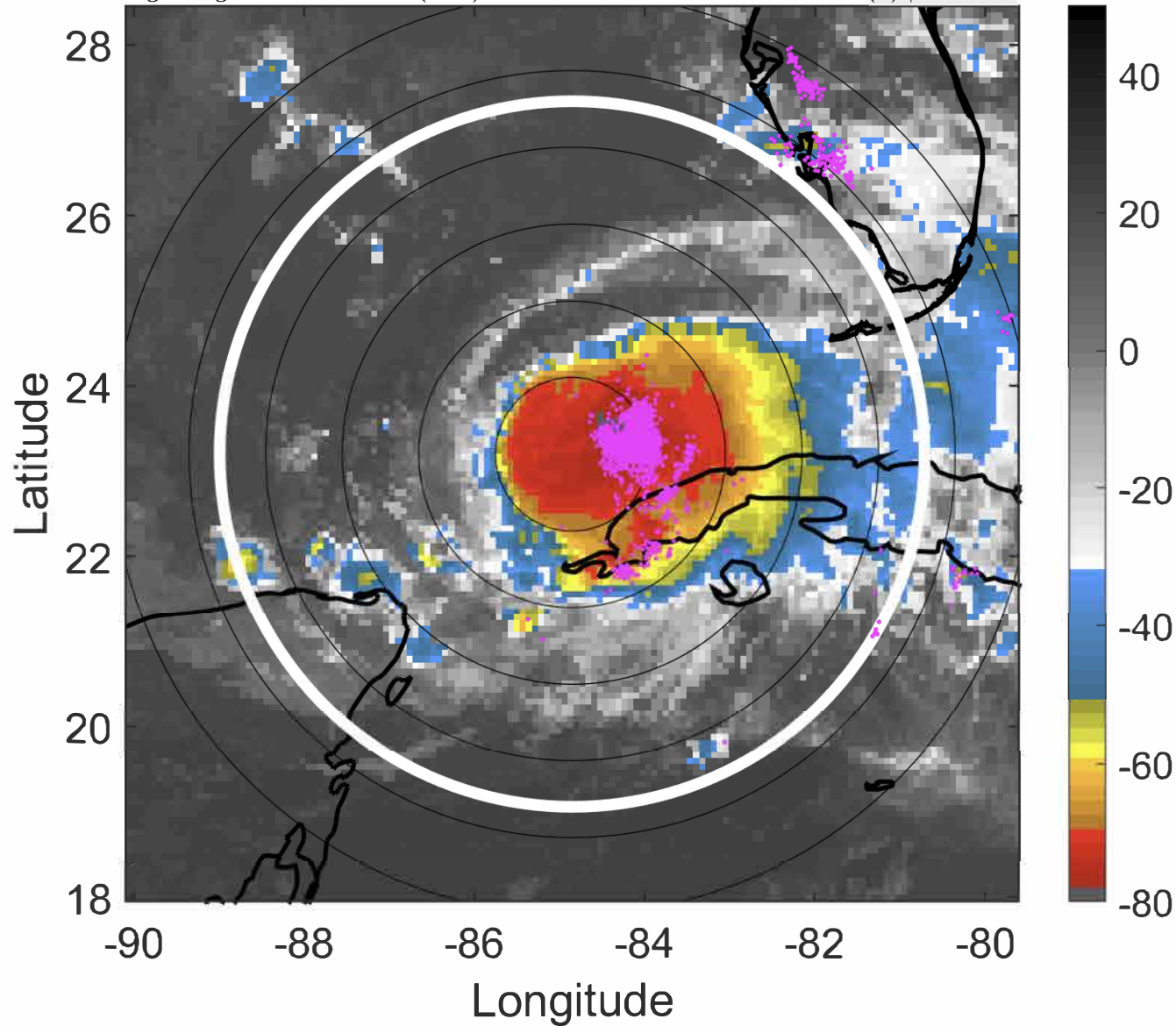
t: 2020111021 (15.3 LT)

Lightning: 15.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 52.5 kt TS

S: 3 m s<sup>-1</sup> (L) | H: 138.5°



# 6-h IR BT Differences & Lightning

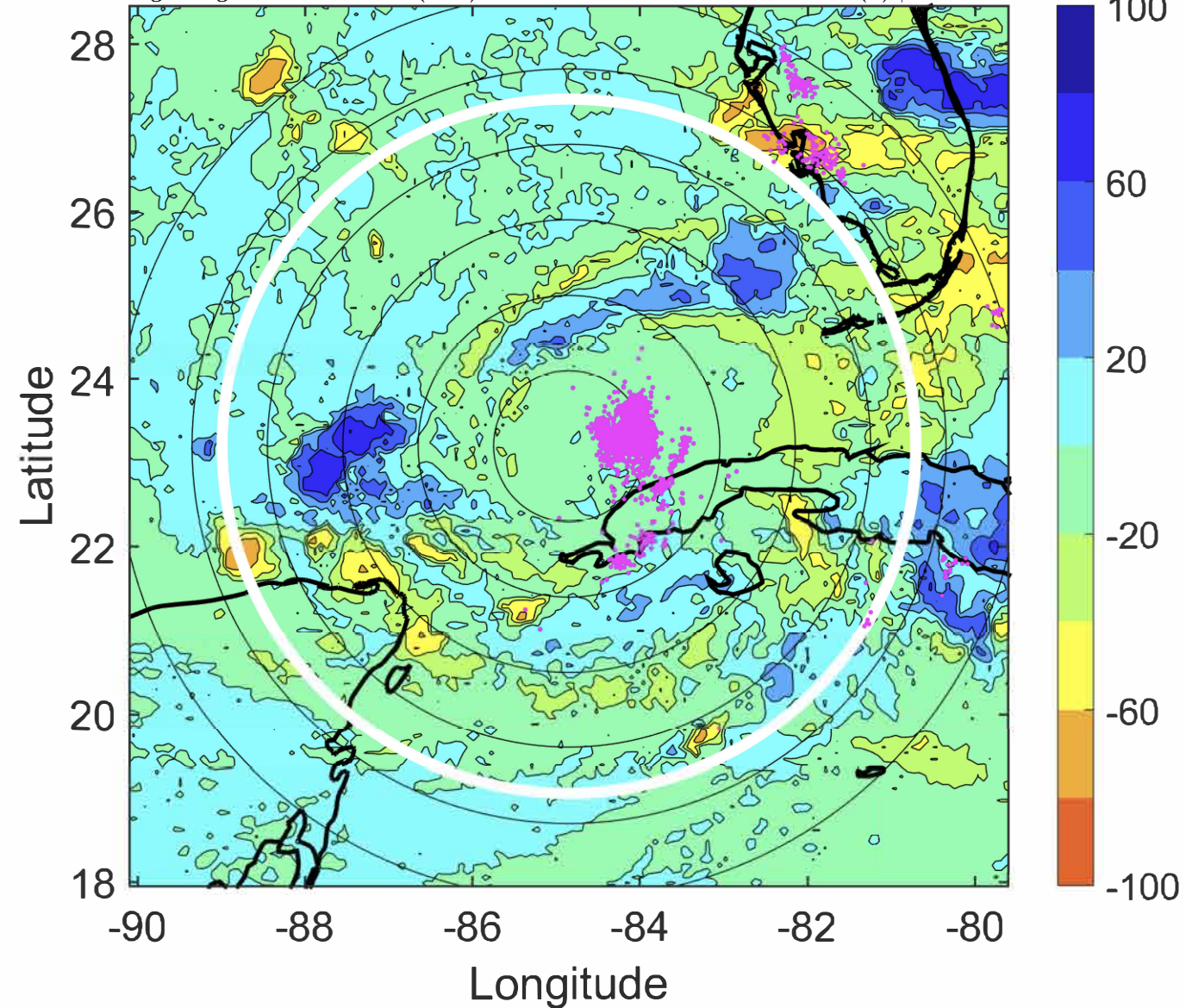
$\Delta$ t: 2020111021 (15.3 LT) - 2020111015 (9.3 LT)

Lightning: 15.3 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: ACT

29L (ETA) | 52.5 kt TS

S: 3 m s<sup>-1</sup> (L) | H: 138.5°





### IR BT & Lightning

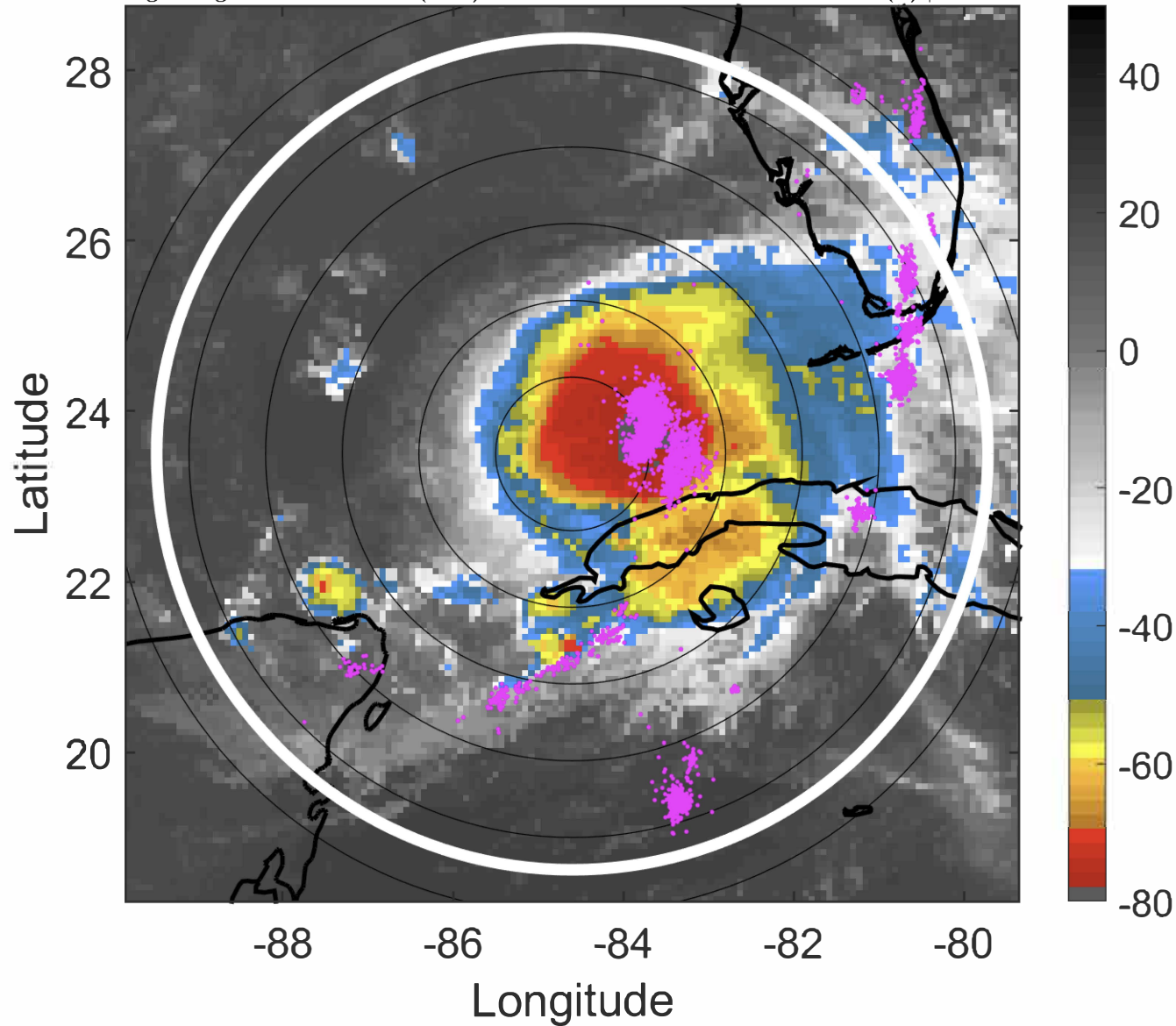
t: 20201111100 (18.4 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 55 kt TS

S: 3.2 m s<sup>-1</sup> (L) | H: 120°



### 6-h IR BT Differences & Lightning

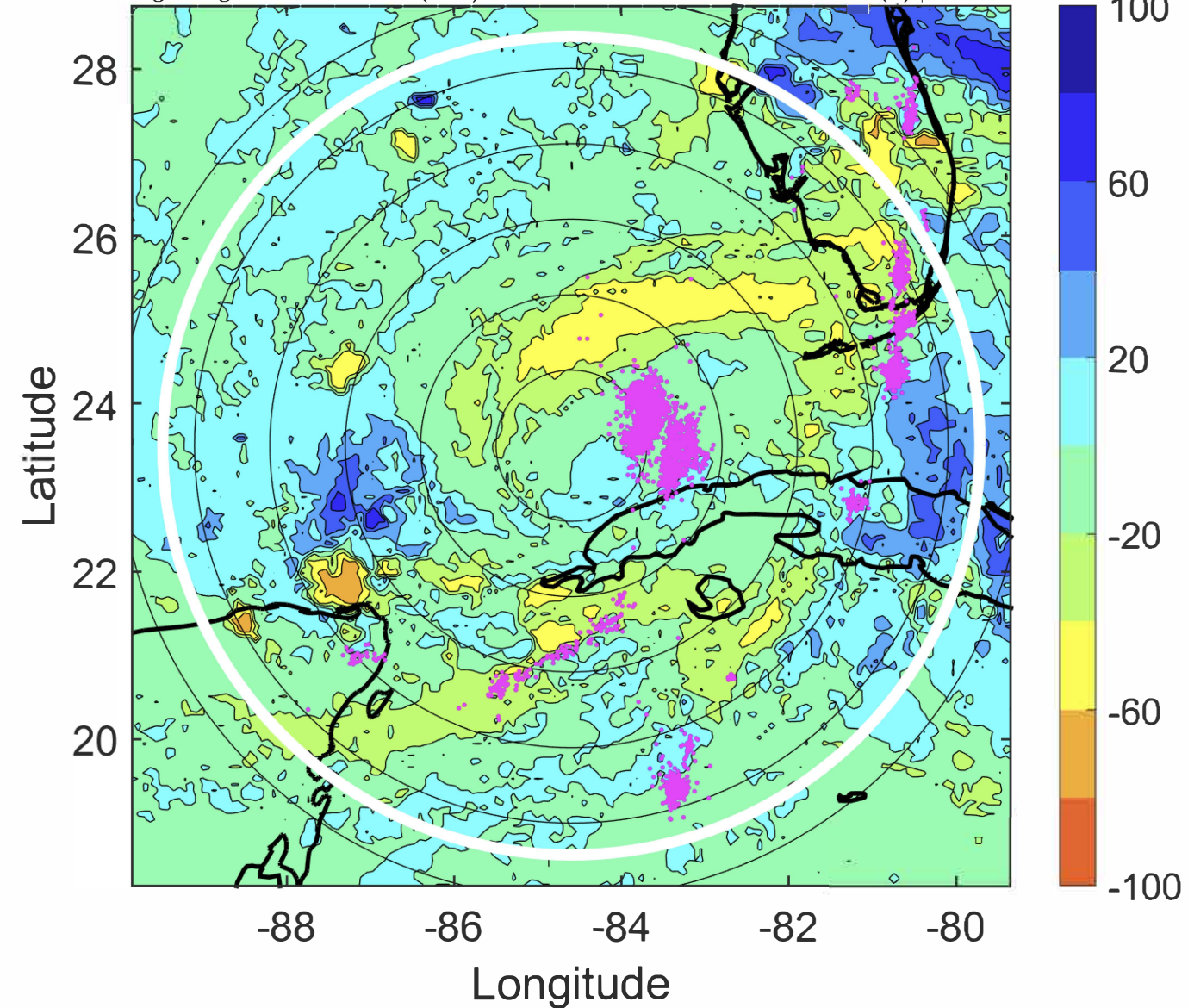
$\Delta$ t: 20201111100 (18.4 LT) - 2020111018 (12.3 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 55 kt TS

S: 3.2 m s<sup>-1</sup> (L) | H: 120°





### IR BT & Lightning

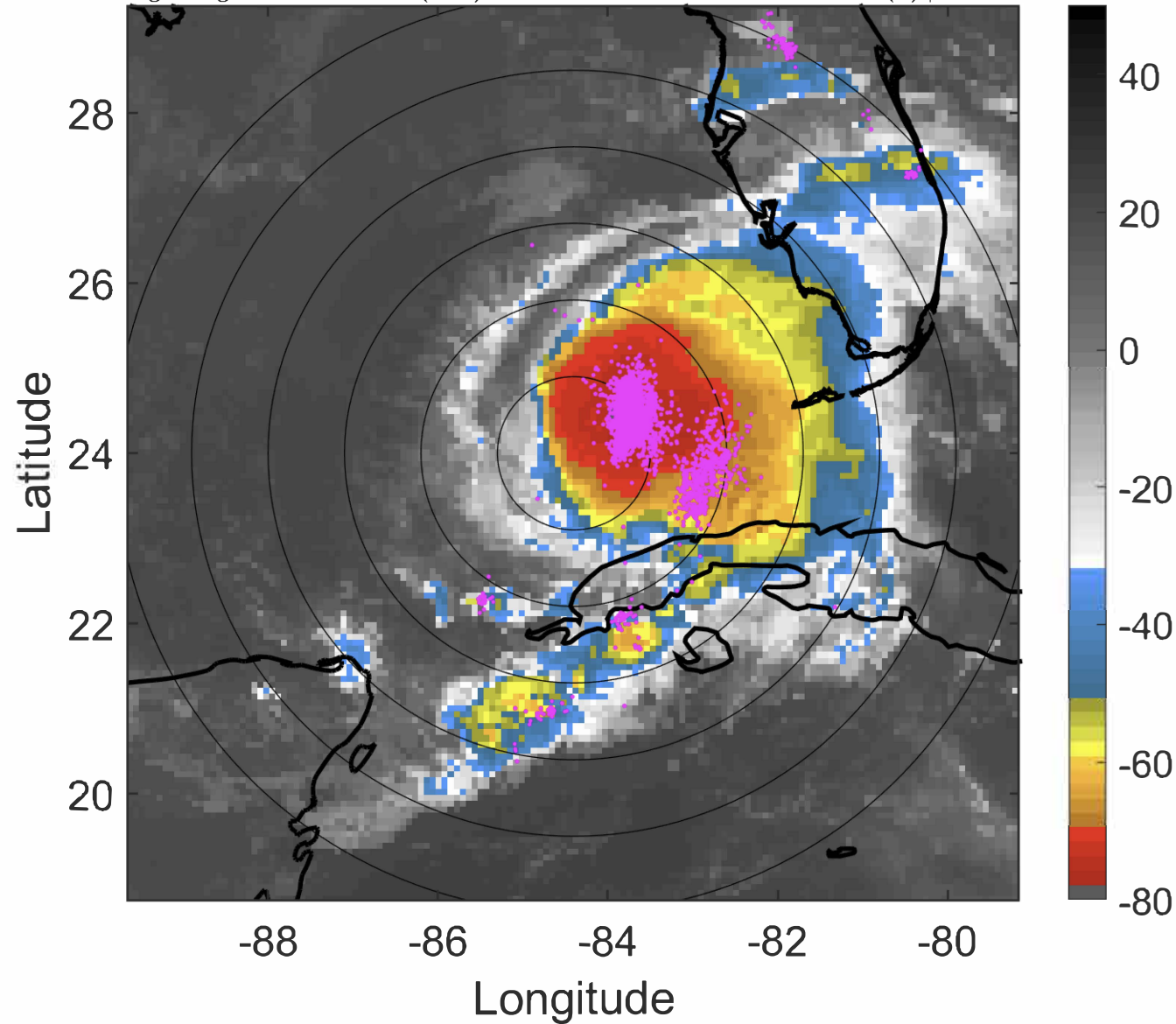
t: 2020111103 (21.4 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 57.5 kt TS

S: 4.1 m s<sup>-1</sup> (L) | H: 118°



### 6-h IR BT Differences & Lightning

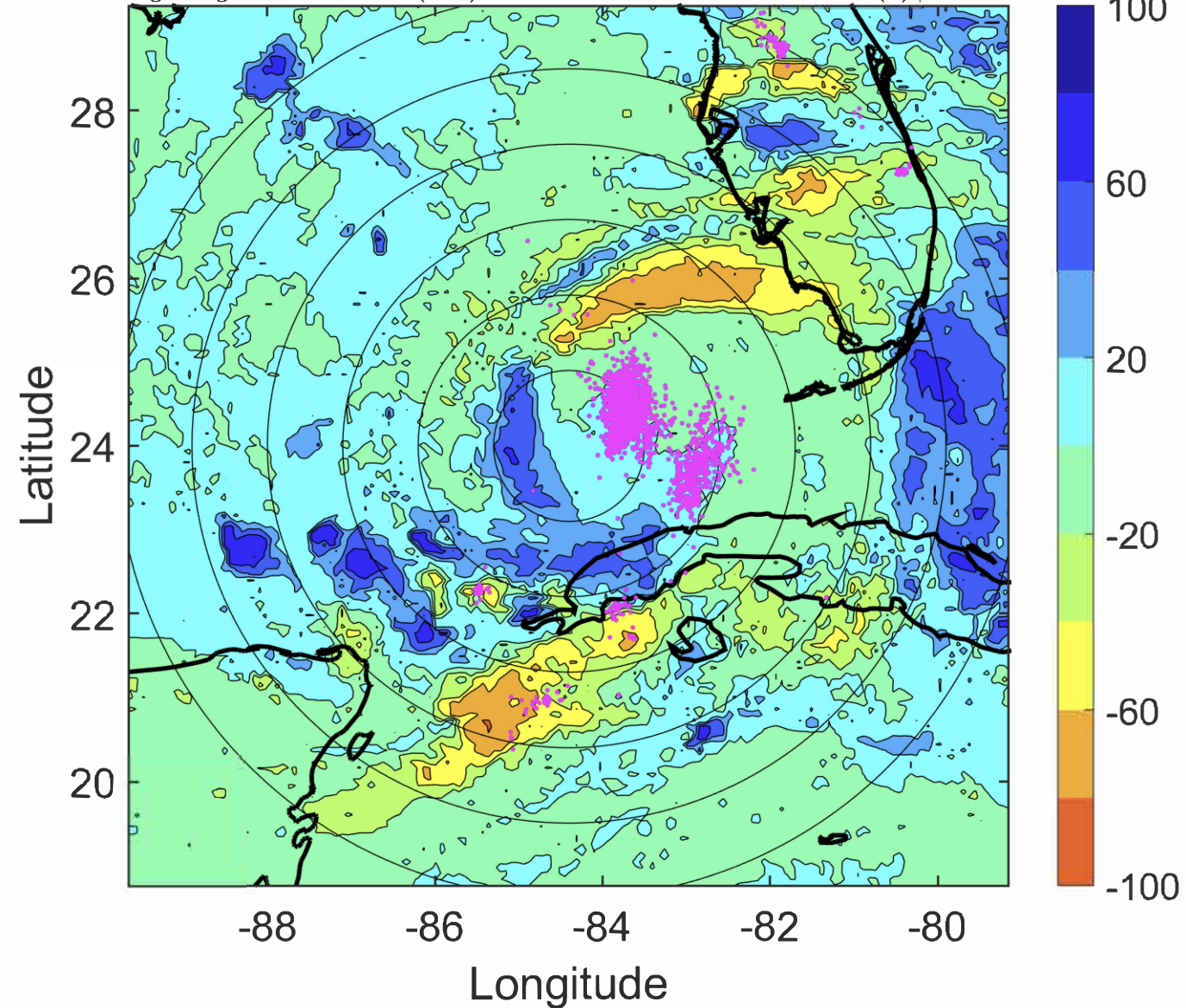
$\Delta$ t: 2020111103 (21.4 LT) - 2020111021 (15.3 LT)

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

PT: LLCP | EA: ACT

29L (ETA) | 57.5 kt TS

S: 4.1 m s<sup>-1</sup> (L) | H: 118°





### IR BT & Lightning

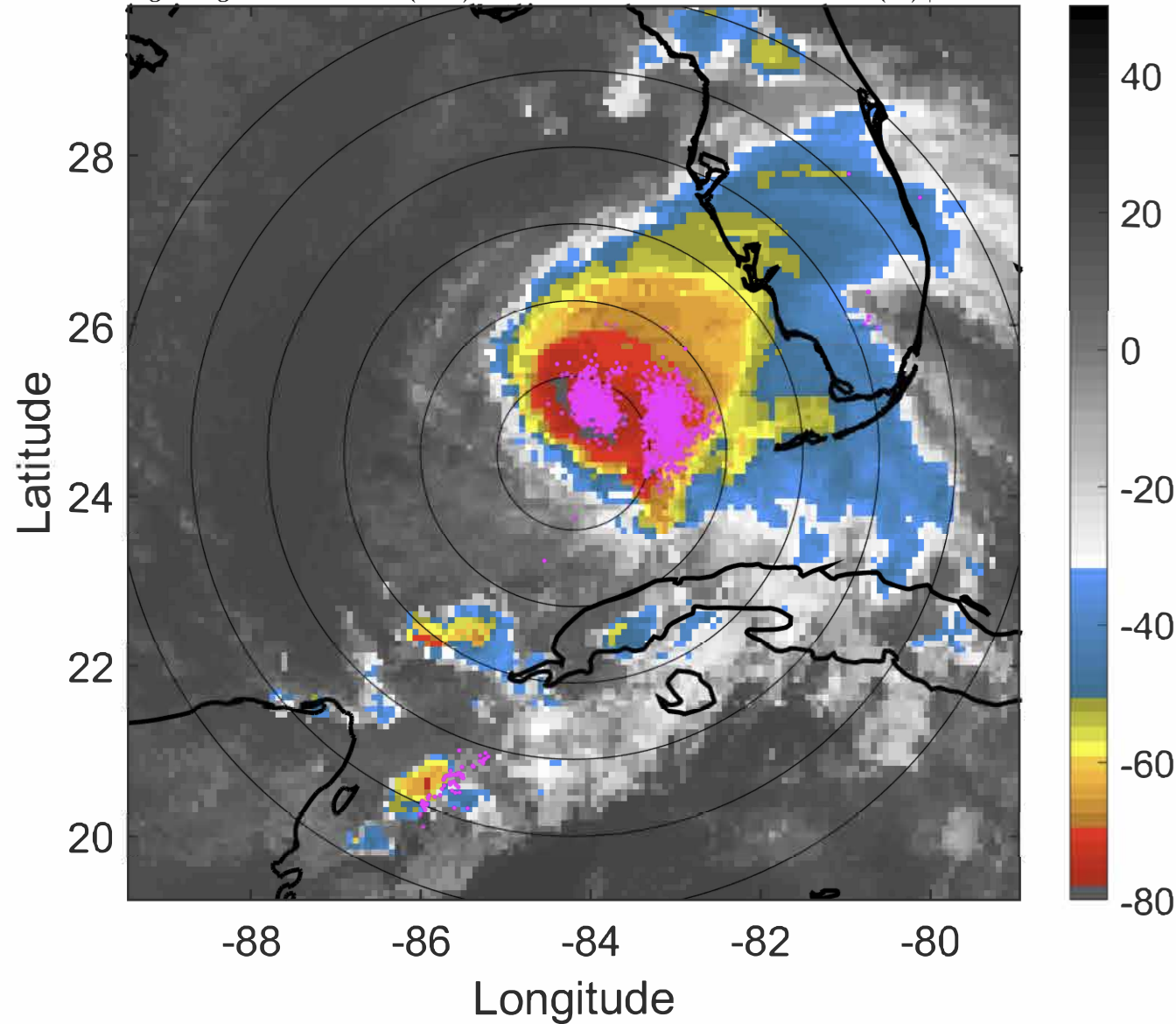
t: 20201111106 (0.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 60 kt TS

S: 4.9 m s<sup>-1</sup> (M) | H: 116°



### 6-h IR BT Differences & Lightning

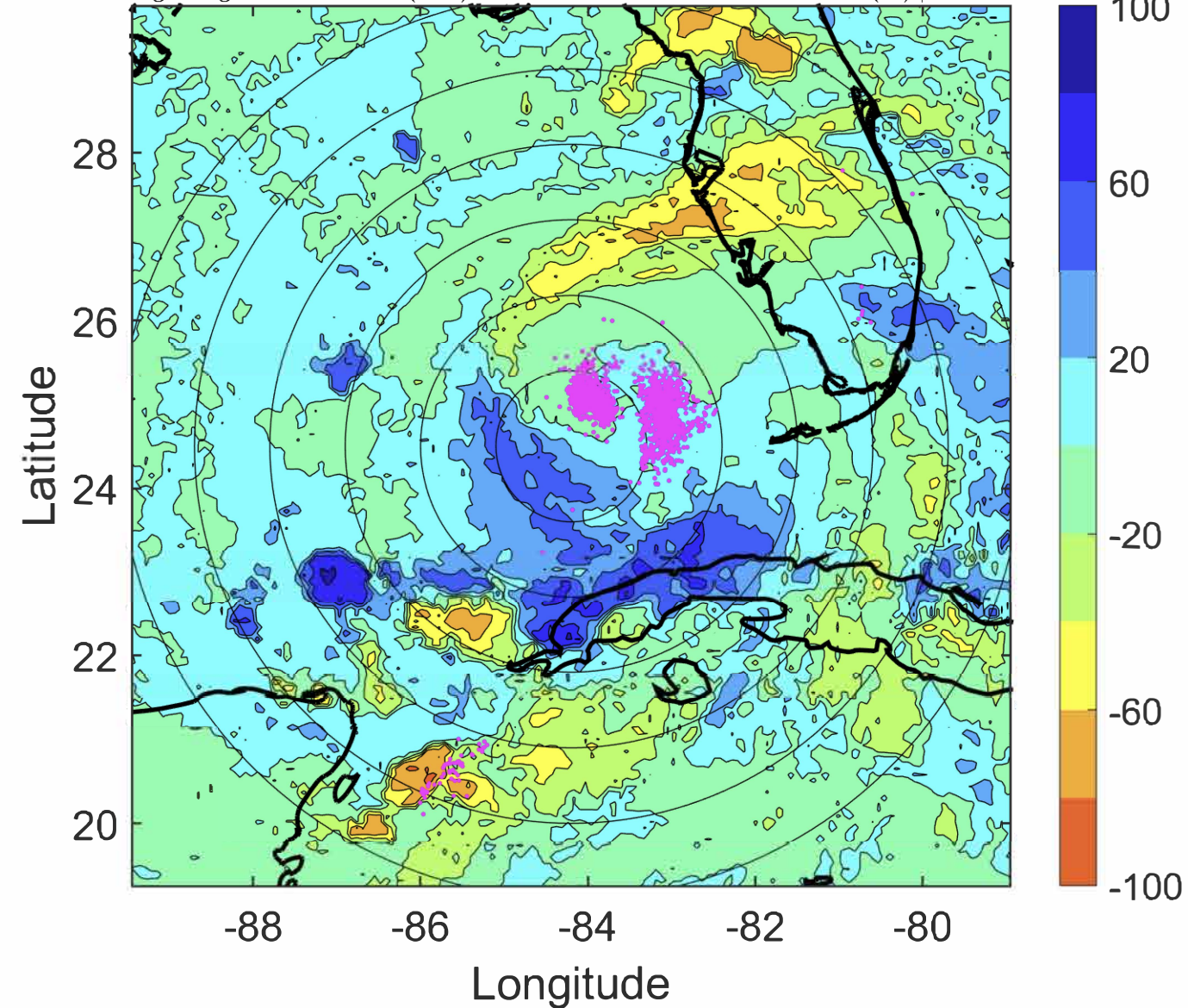
$\Delta$ t: 20201111106 (0.4 LT) - 20201111100 (18.4 LT)

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

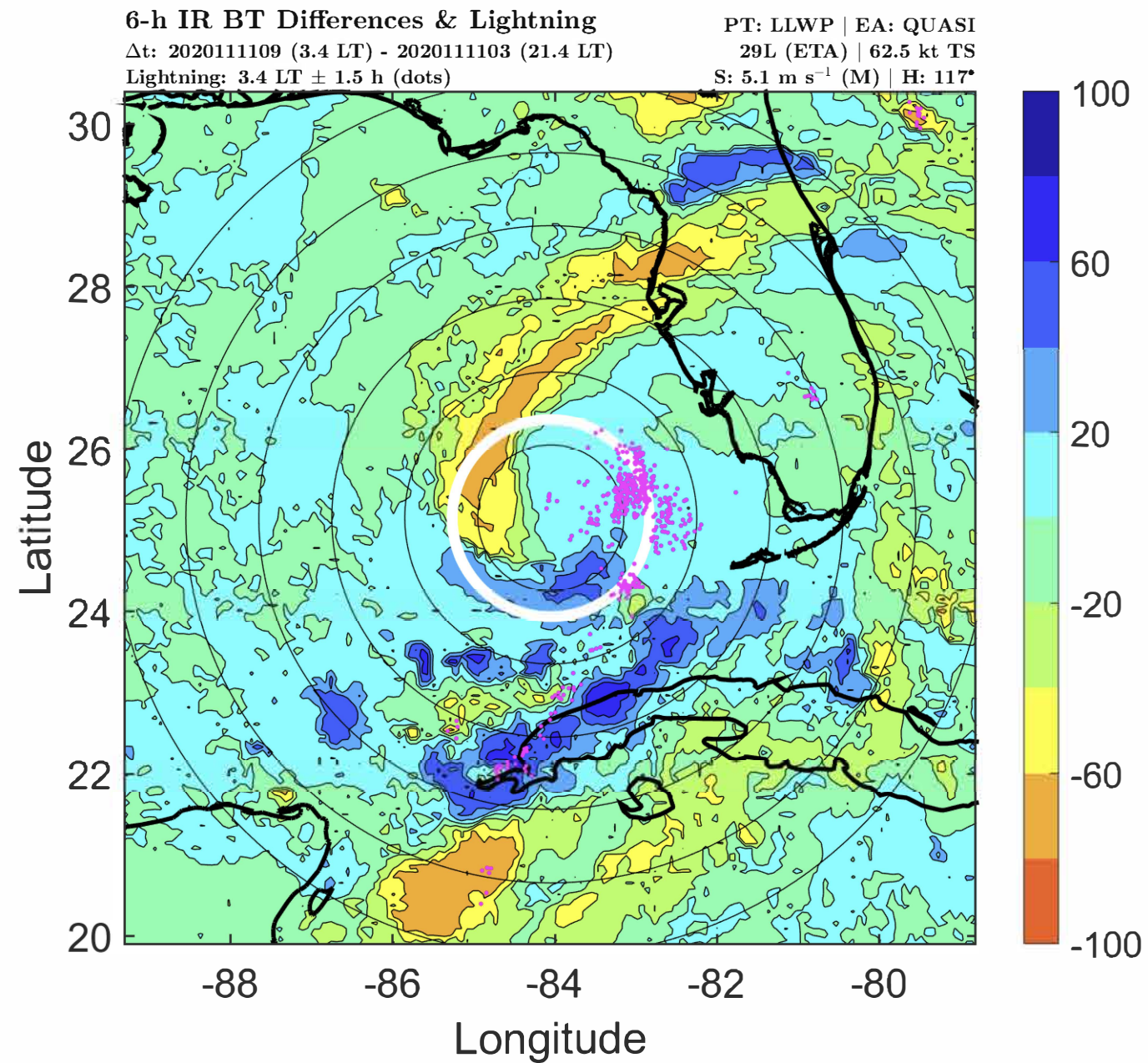
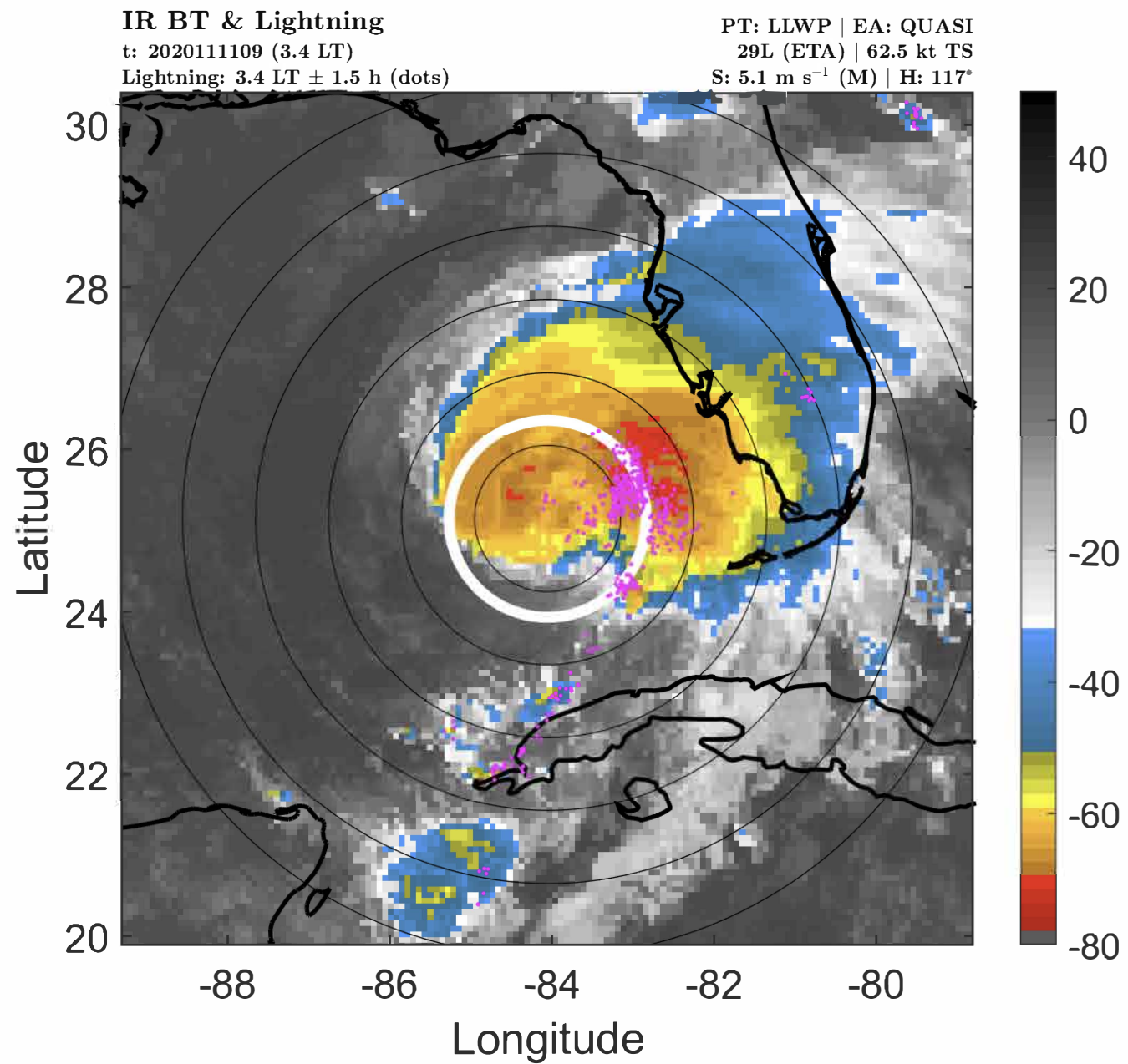
PT: LLWP | EA: QUASI

29L (ETA) | 60 kt TS

S: 4.9 m s<sup>-1</sup> (M) | H: 116°









### IR BT & Lightning

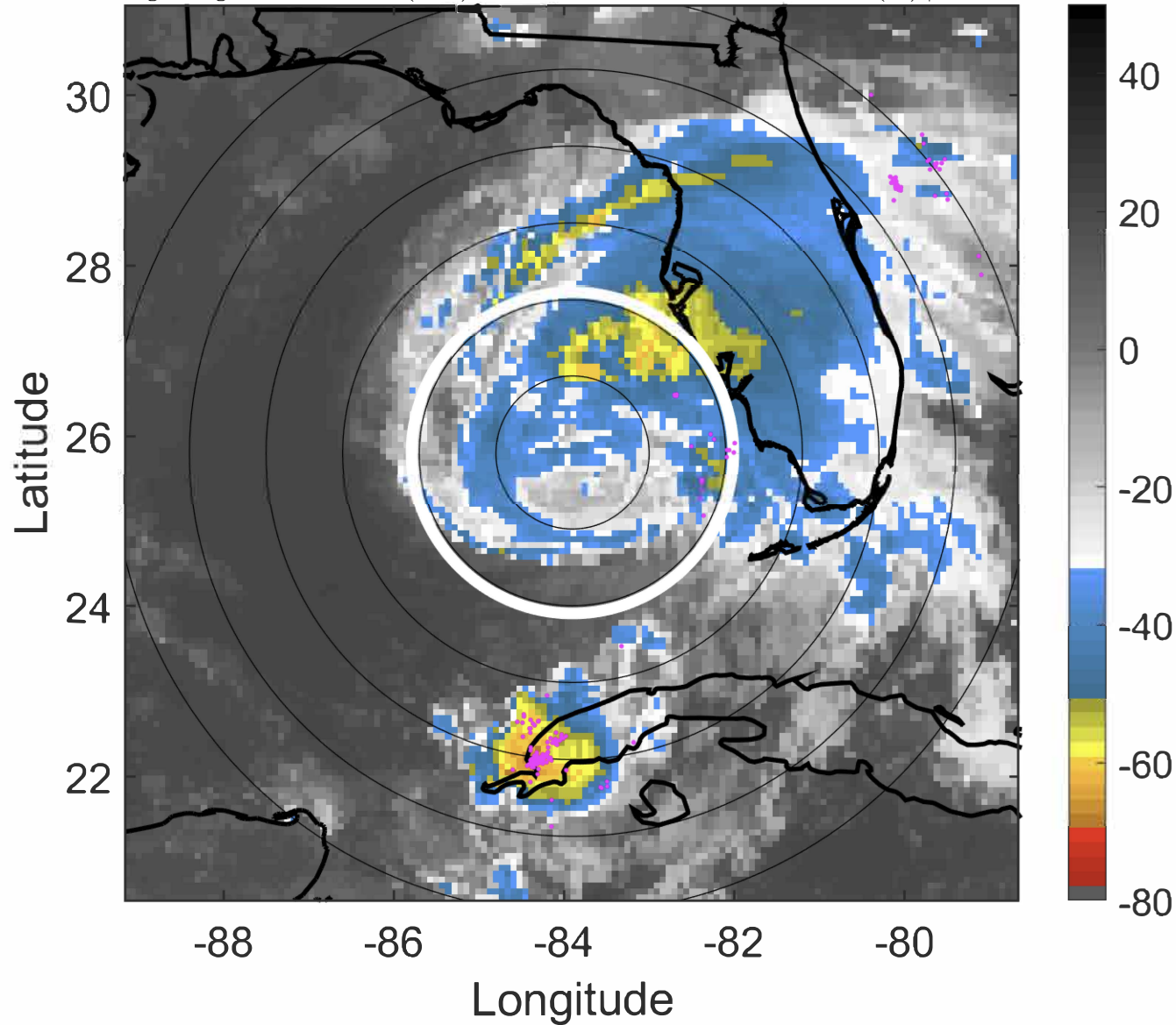
t: 2020111112 (6.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 65 kt C1

S: 5.3 m s<sup>-1</sup> (M) | H: 118°



### 6-h IR BT Differences & Lightning

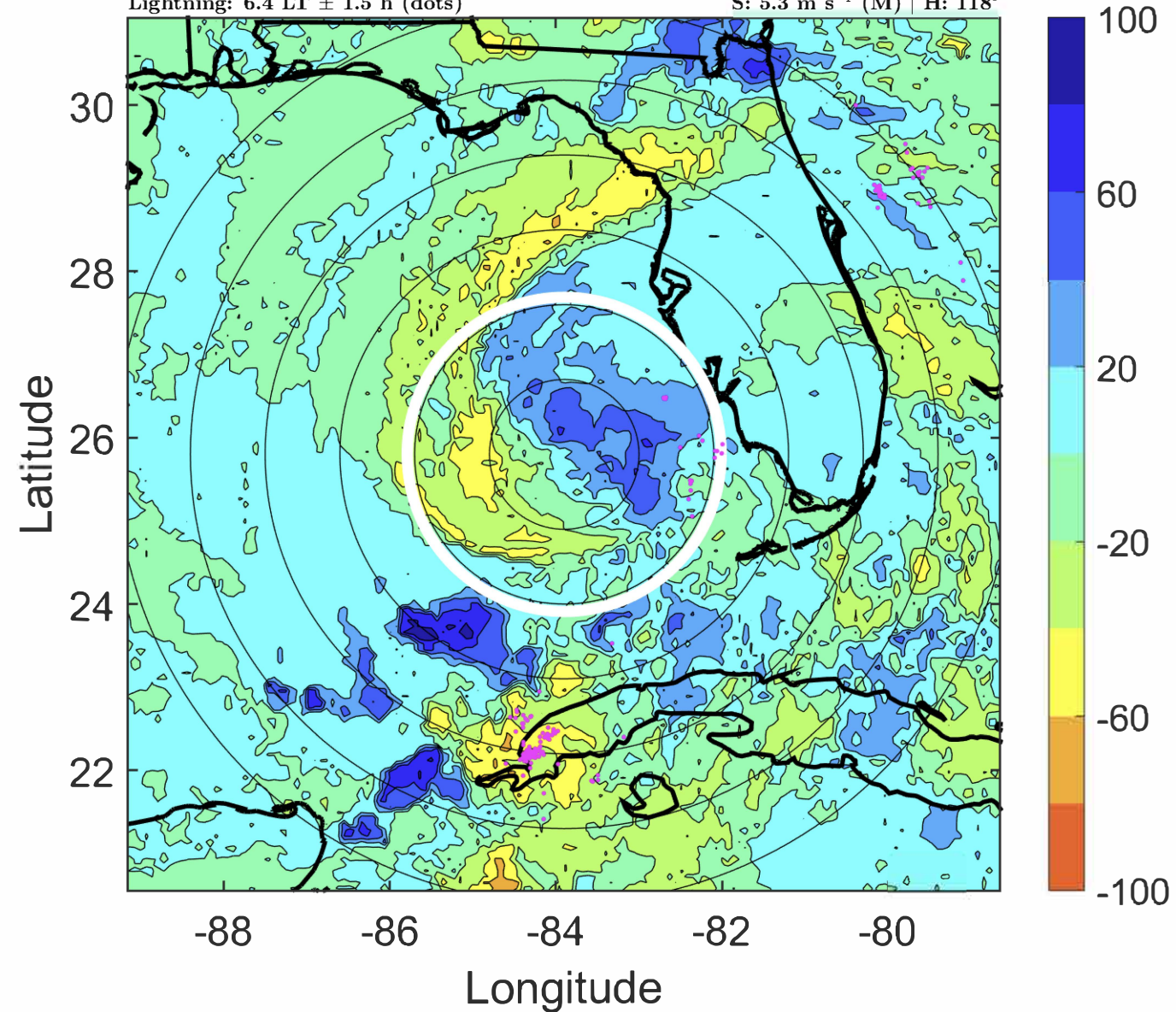
$\Delta$ t: 2020111112 (6.4 LT) - 2020111106 (0.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 65 kt C1

S: 5.3 m s<sup>-1</sup> (M) | H: 118°





### IR BT & Lightning

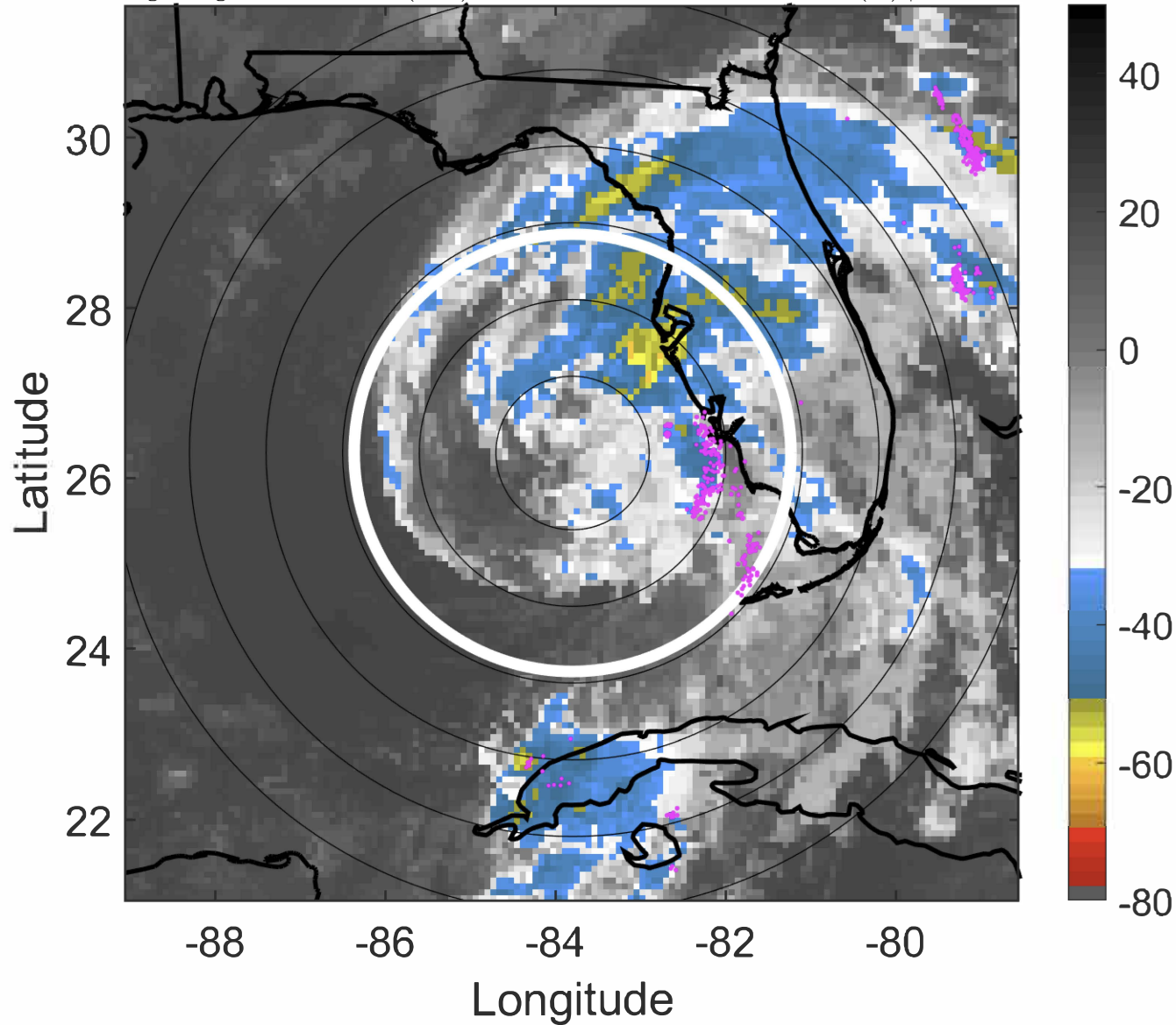
t: 2020111115 (9.4 LT)

Lightning: 9.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: QUASI

29L (ETA) | 62.5 kt TS

S: 4.5 m s<sup>-1</sup> (M) | H: 117.5°



### 6-h IR BT Differences & Lightning

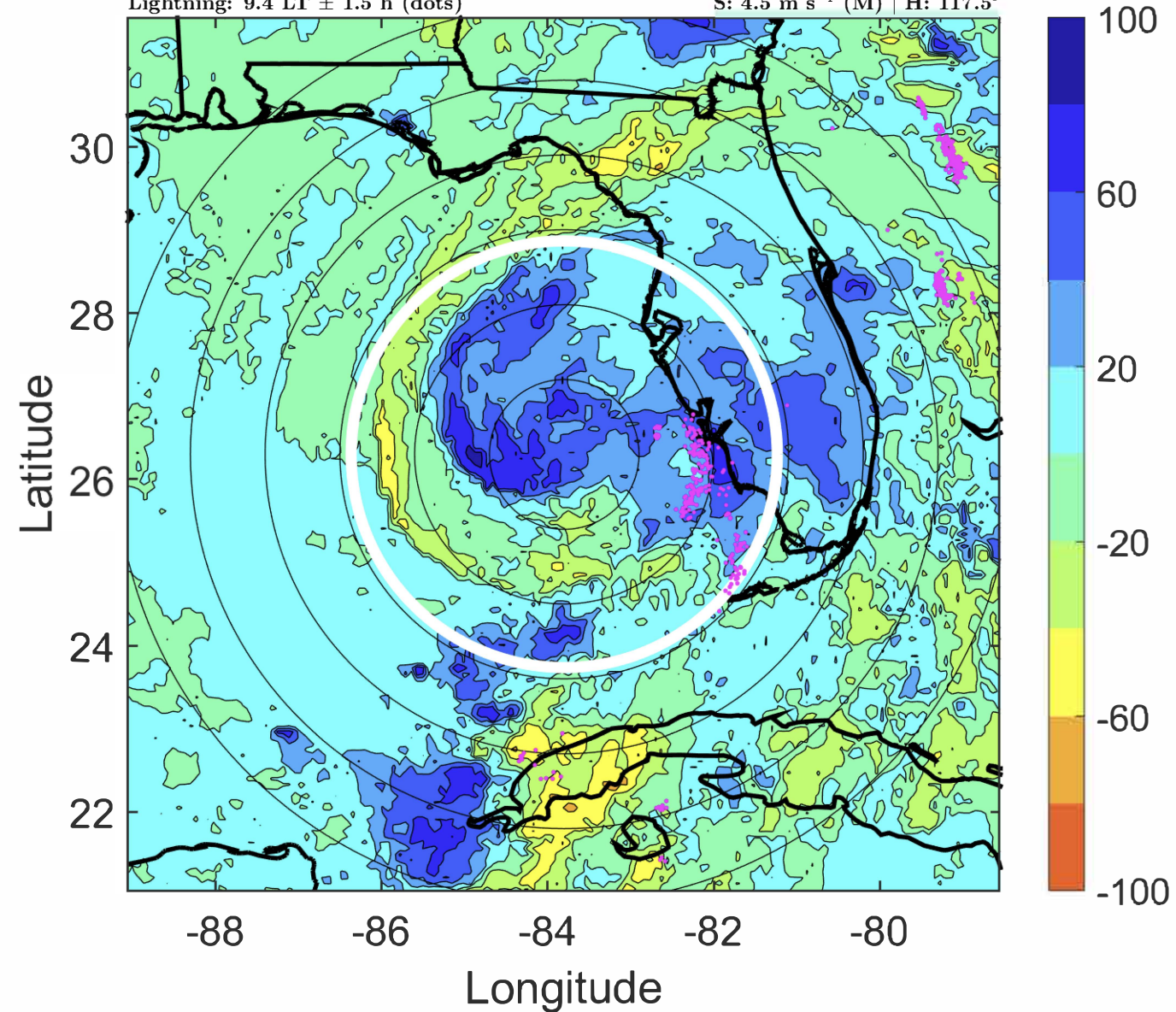
$\Delta$ t: 2020111115 (9.4 LT) - 2020111109 (3.4 LT)

Lightning: 9.4 LT  $\pm$  1.5 h (dots)

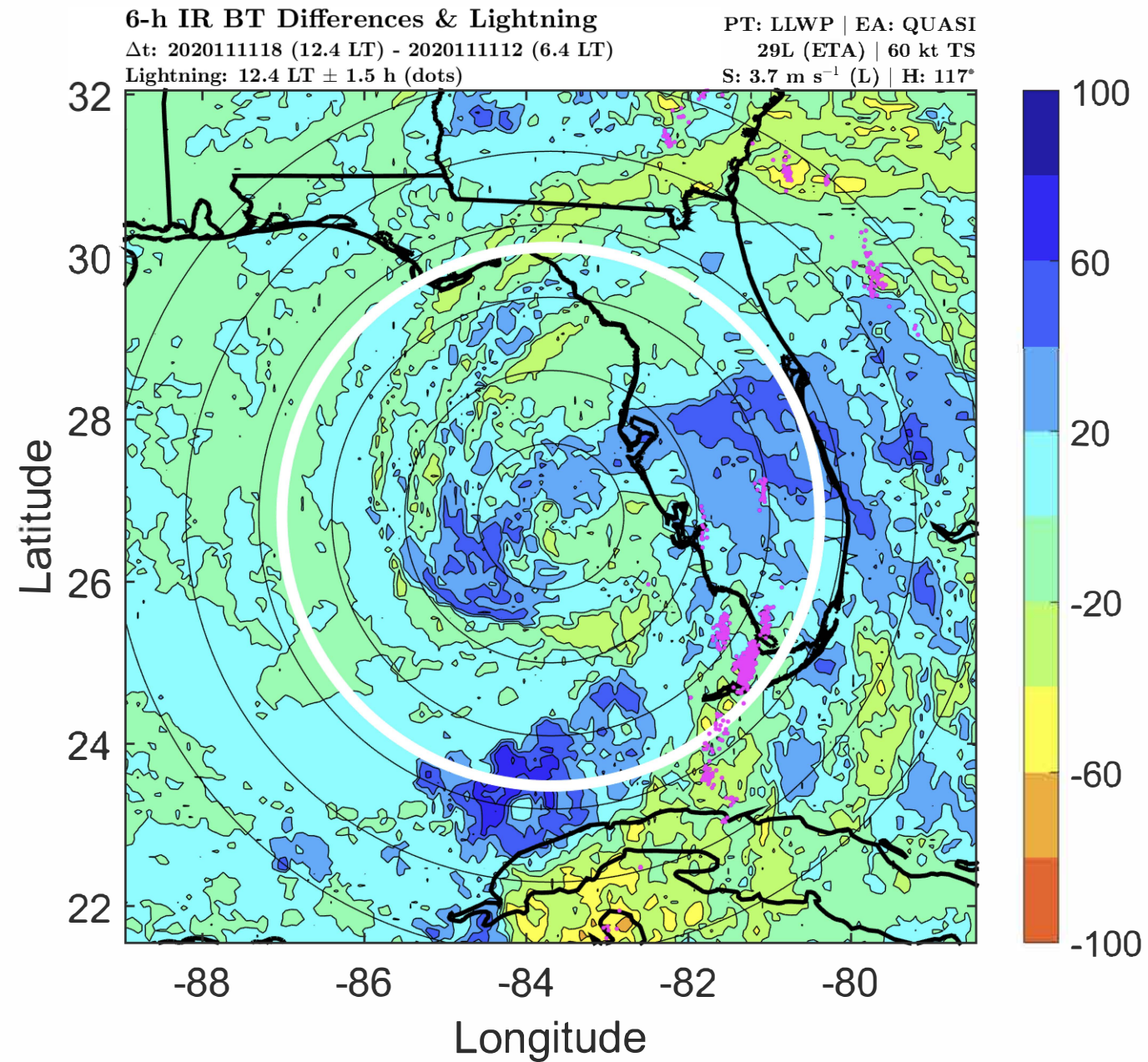
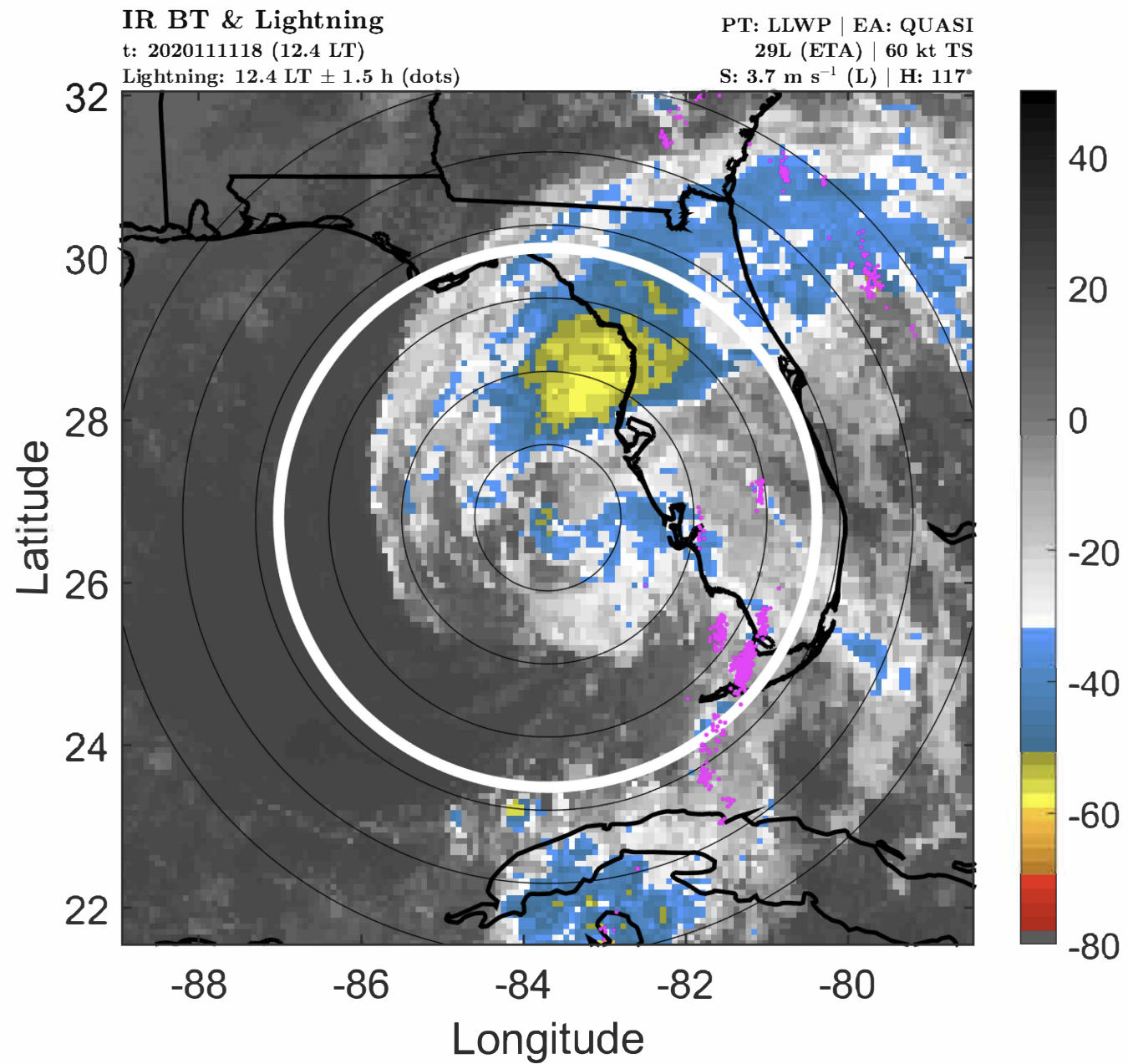
PT: LLWP | EA: QUASI

29L (ETA) | 62.5 kt TS

S: 4.5 m s<sup>-1</sup> (M) | H: 117.5°









### IR BT & Lightning

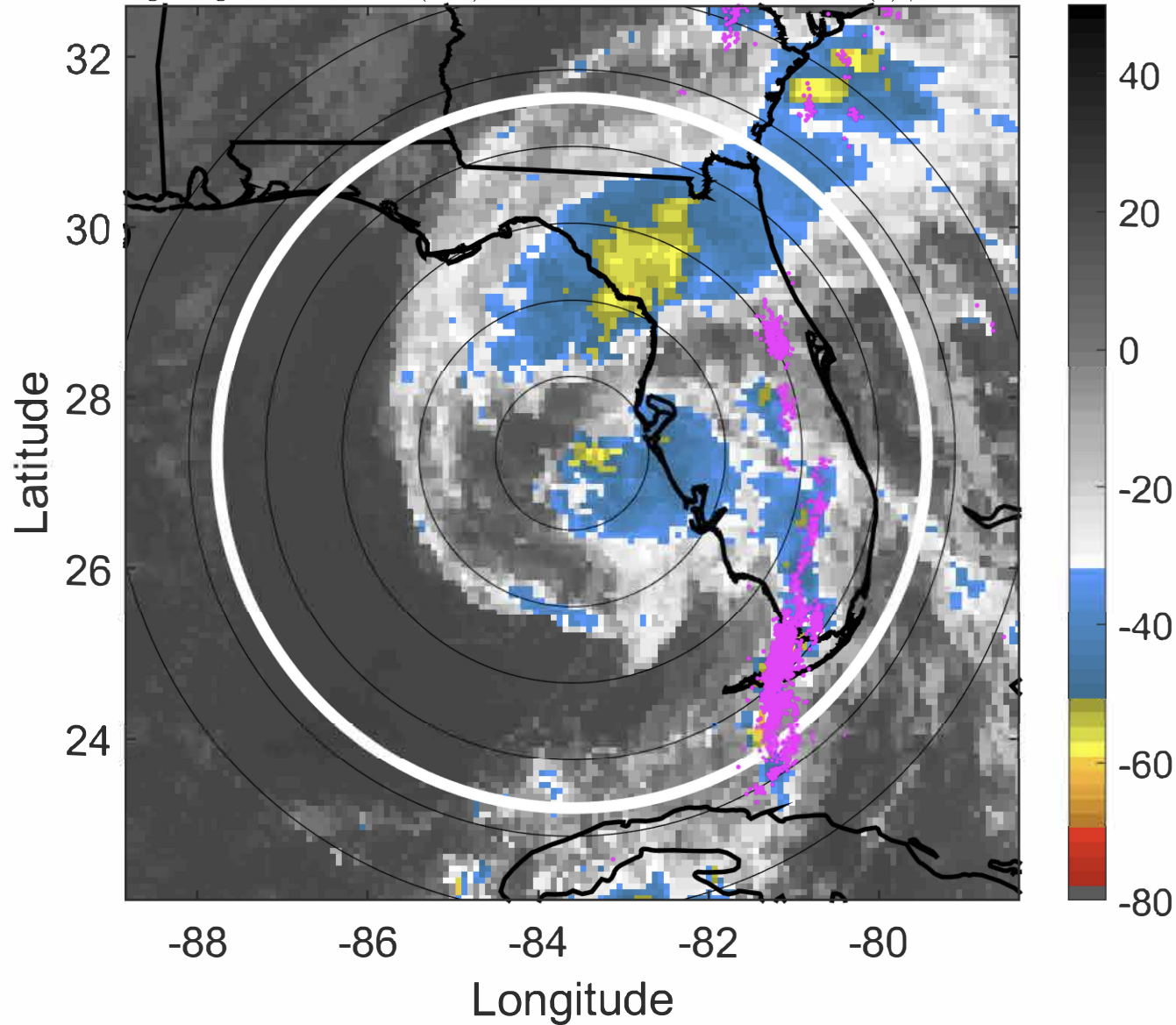
t: 2020111121 (15.4 LT)

Lightning: 15.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: QUASI

29L (ETA) | 57.5 kt TS

S: 3.7 m s<sup>-1</sup> (L) | H: 108.5°



### 6-h IR BT Differences & Lightning

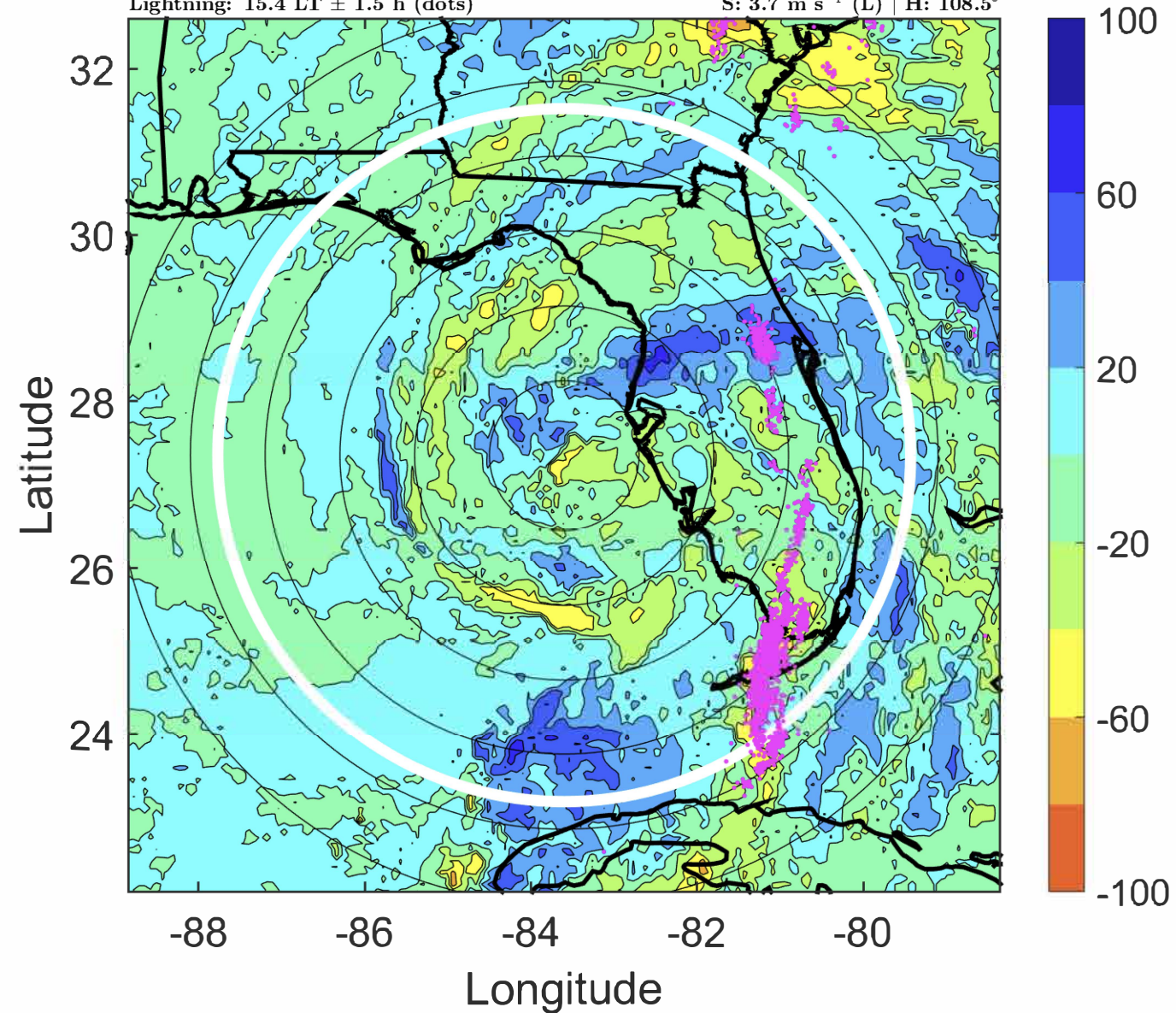
$\Delta$ t: 2020111121 (15.4 LT) - 2020111115 (9.4 LT)

Lightning: 15.4 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: QUASI

29L (ETA) | 57.5 kt TS

S: 3.7 m s<sup>-1</sup> (L) | H: 108.5°





### IR BT & Lightning

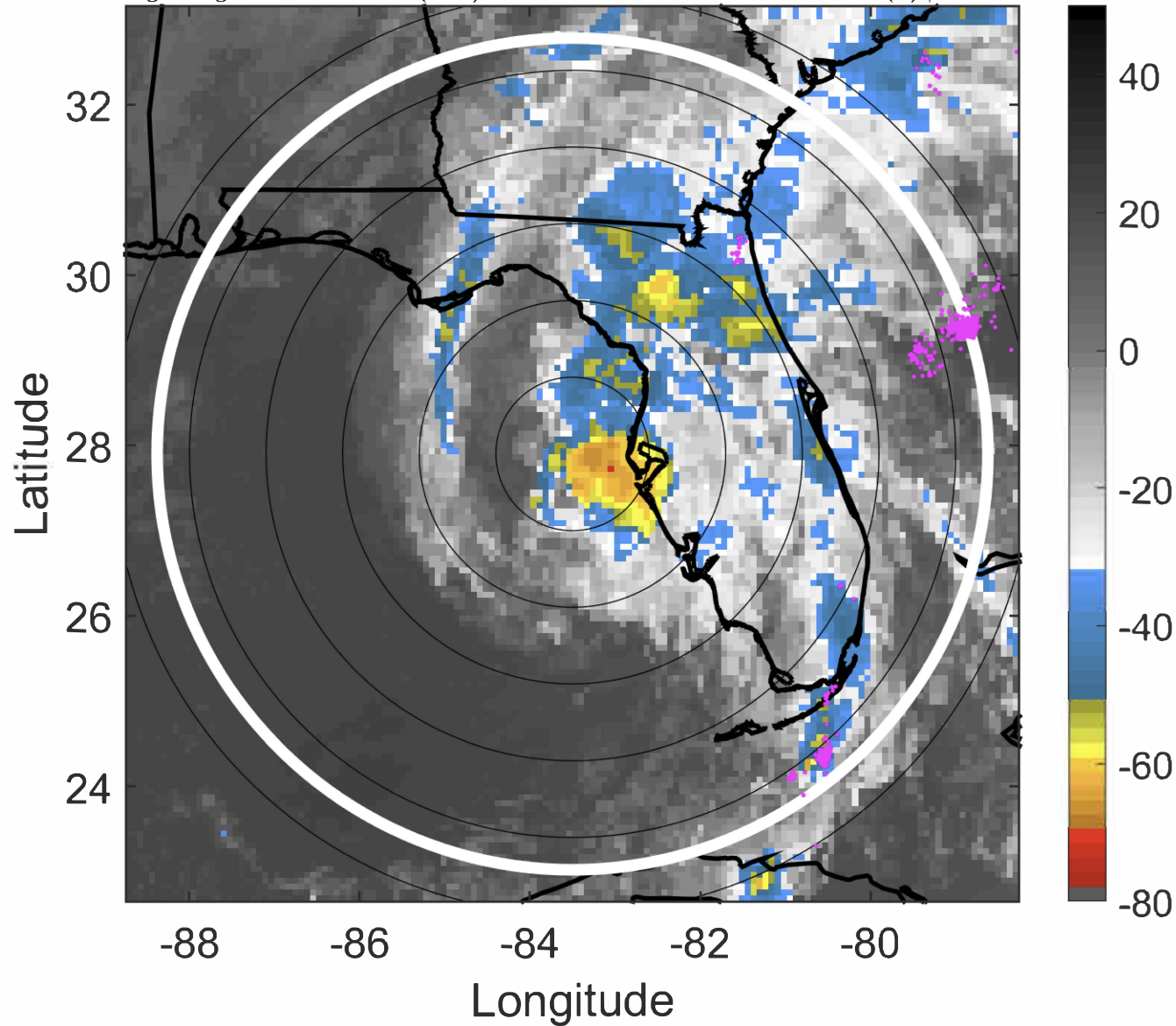
t: 2020111200 (18.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 55 kt TS

S: 3.7 m s<sup>-1</sup> (L) | H: 100°



### 6-h IR BT Differences & Lightning

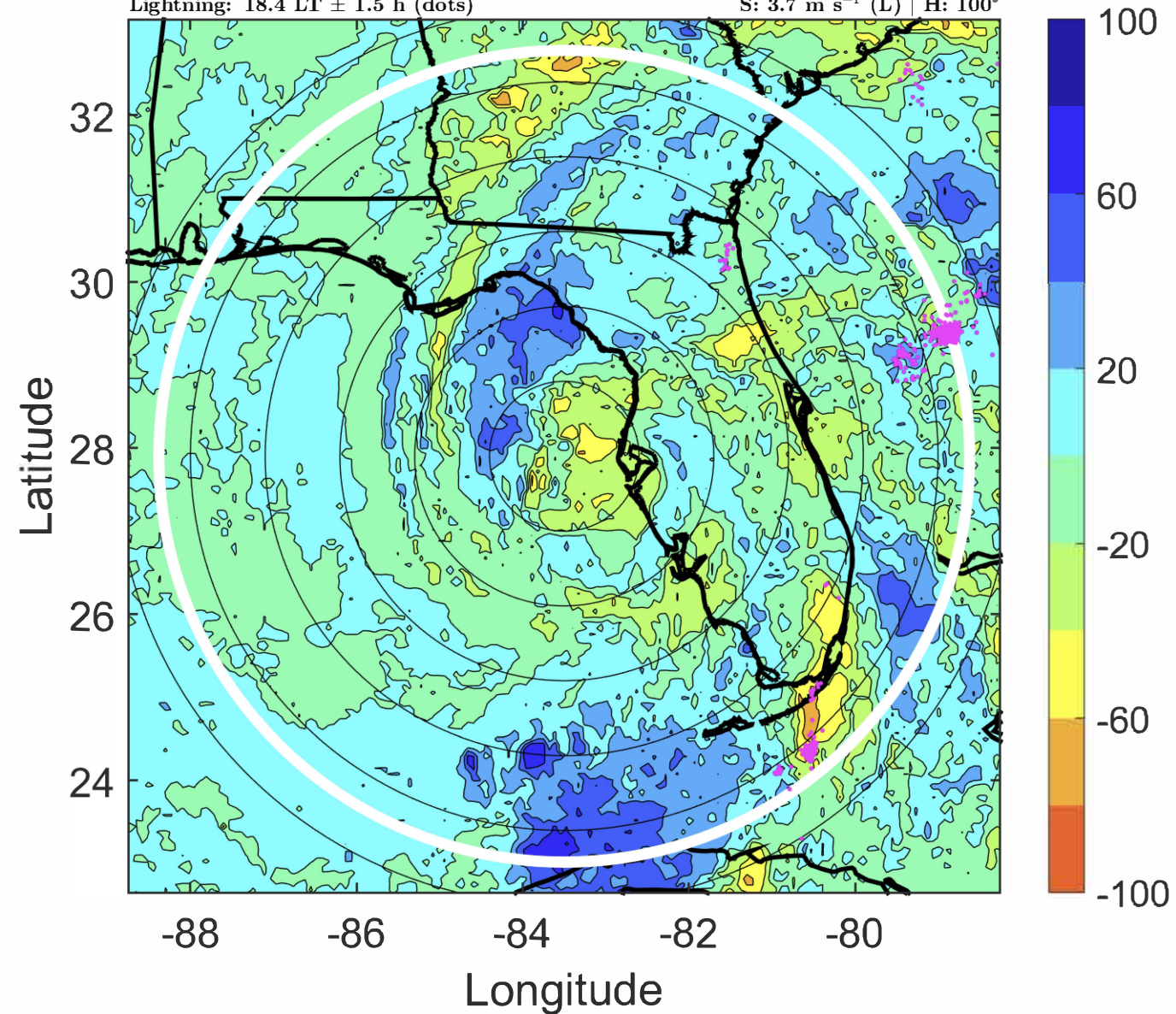
$\Delta$ t: 2020111200 (18.4 LT) - 2020111118 (12.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 55 kt TS

S: 3.7 m s<sup>-1</sup> (L) | H: 100°





### IR BT & Lightning

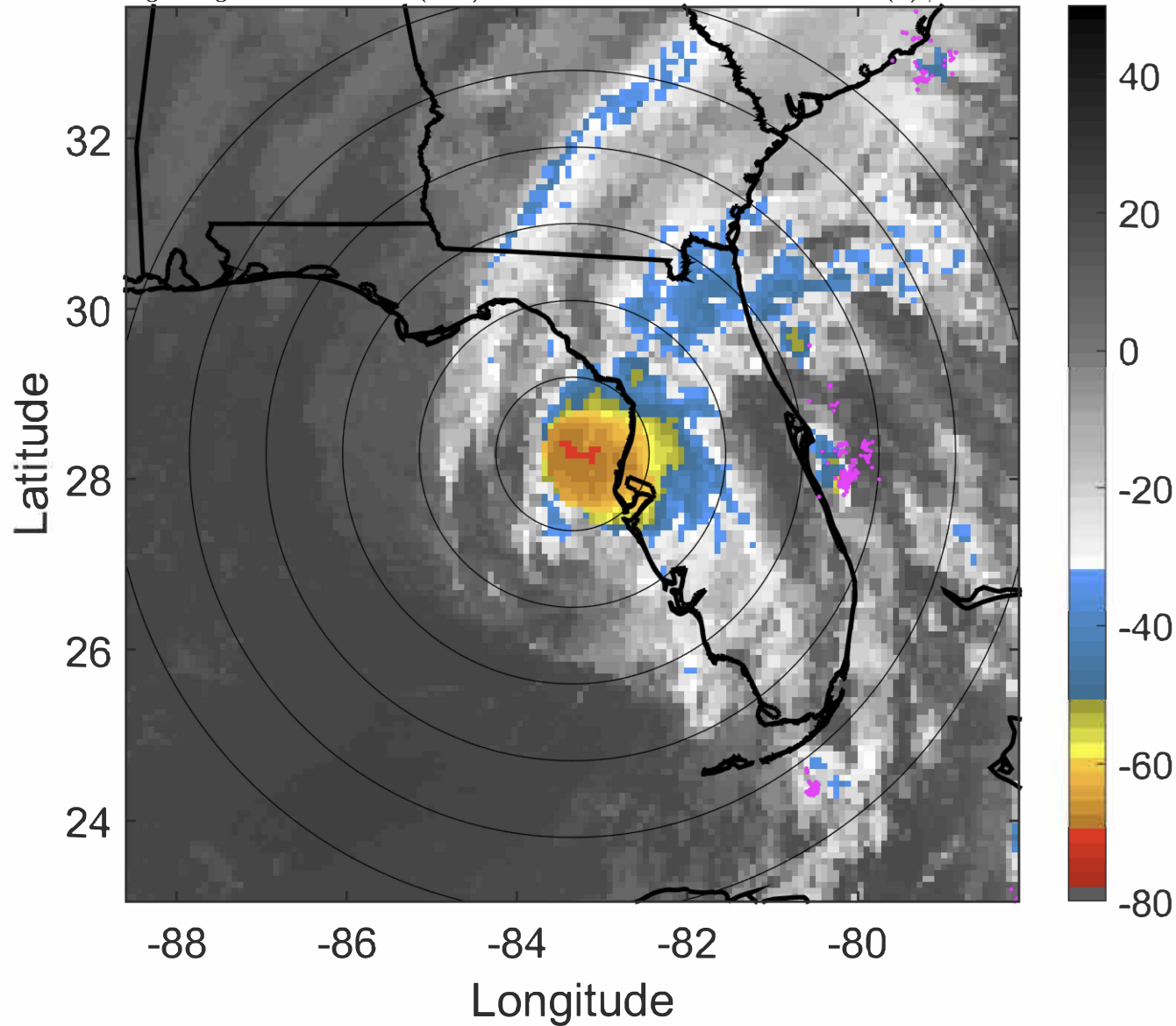
t: 2020111203 (21.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 52.5 kt TS

S: 3.9 m s<sup>-1</sup> (L) | H: 102°



### 6-h IR BT Differences & Lightning

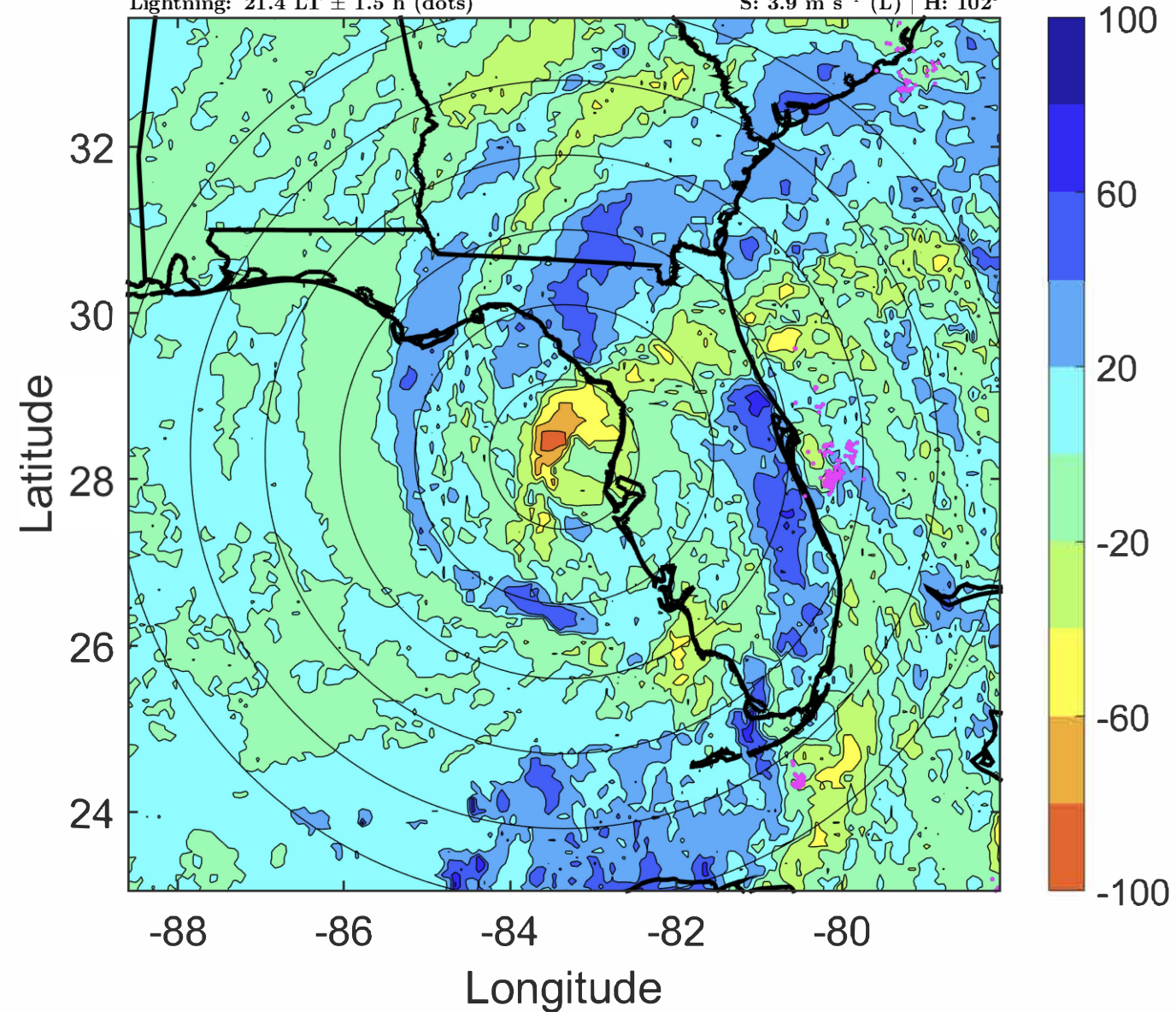
$\Delta$ t: 2020111203 (21.4 LT) - 2020111121 (15.4 LT)

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

PT: LLWP | EA: QUASI

29L (ETA) | 52.5 kt TS

S: 3.9 m s<sup>-1</sup> (L) | H: 102°





### IR BT & Lightning

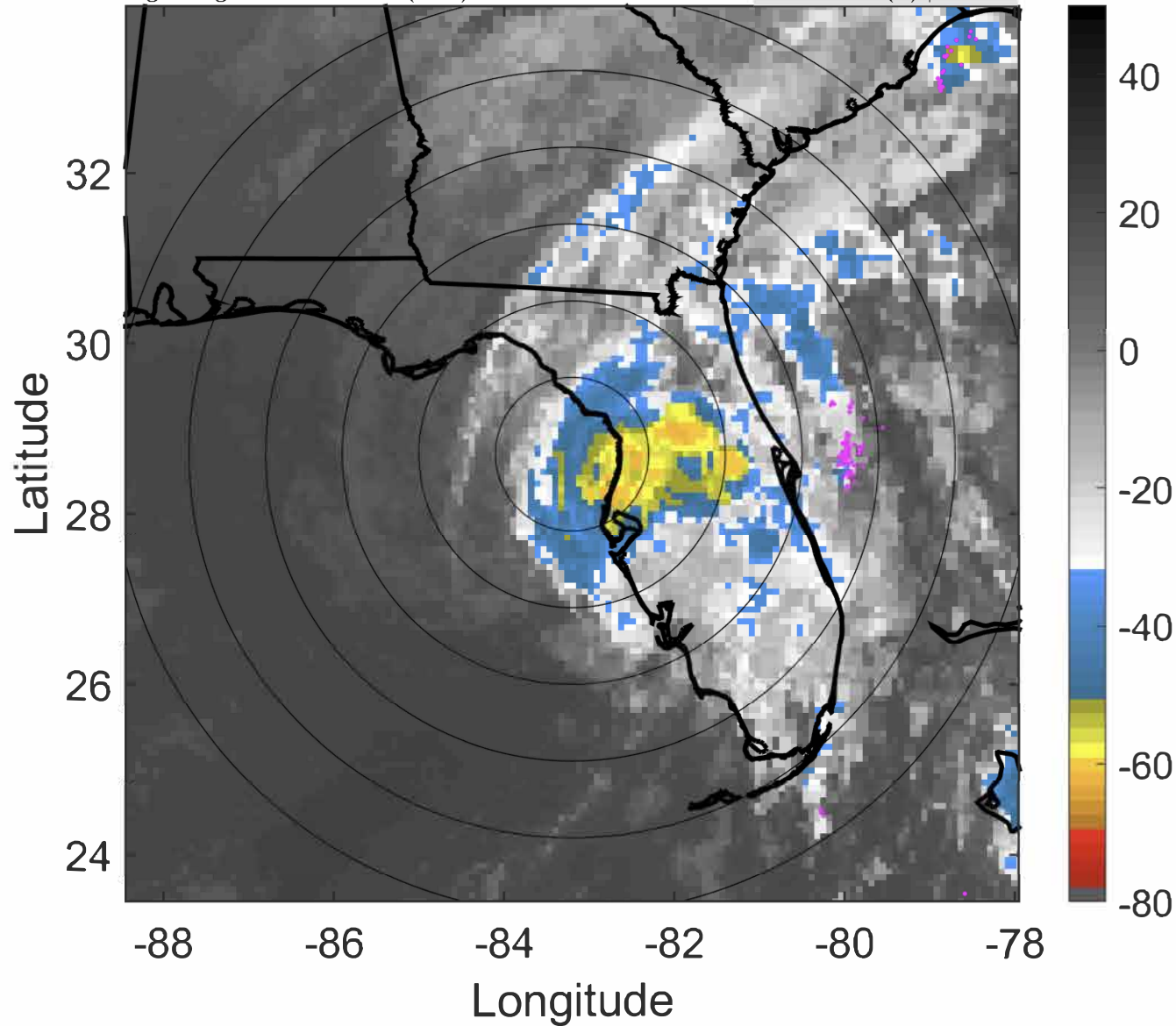
t: 2020111206 (0.5 LT)

Lightning: 0.5 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 50 kt TS

S: 4.1 m s<sup>-1</sup> (L) | H: 104°



### 6-h IR BT Differences & Lightning

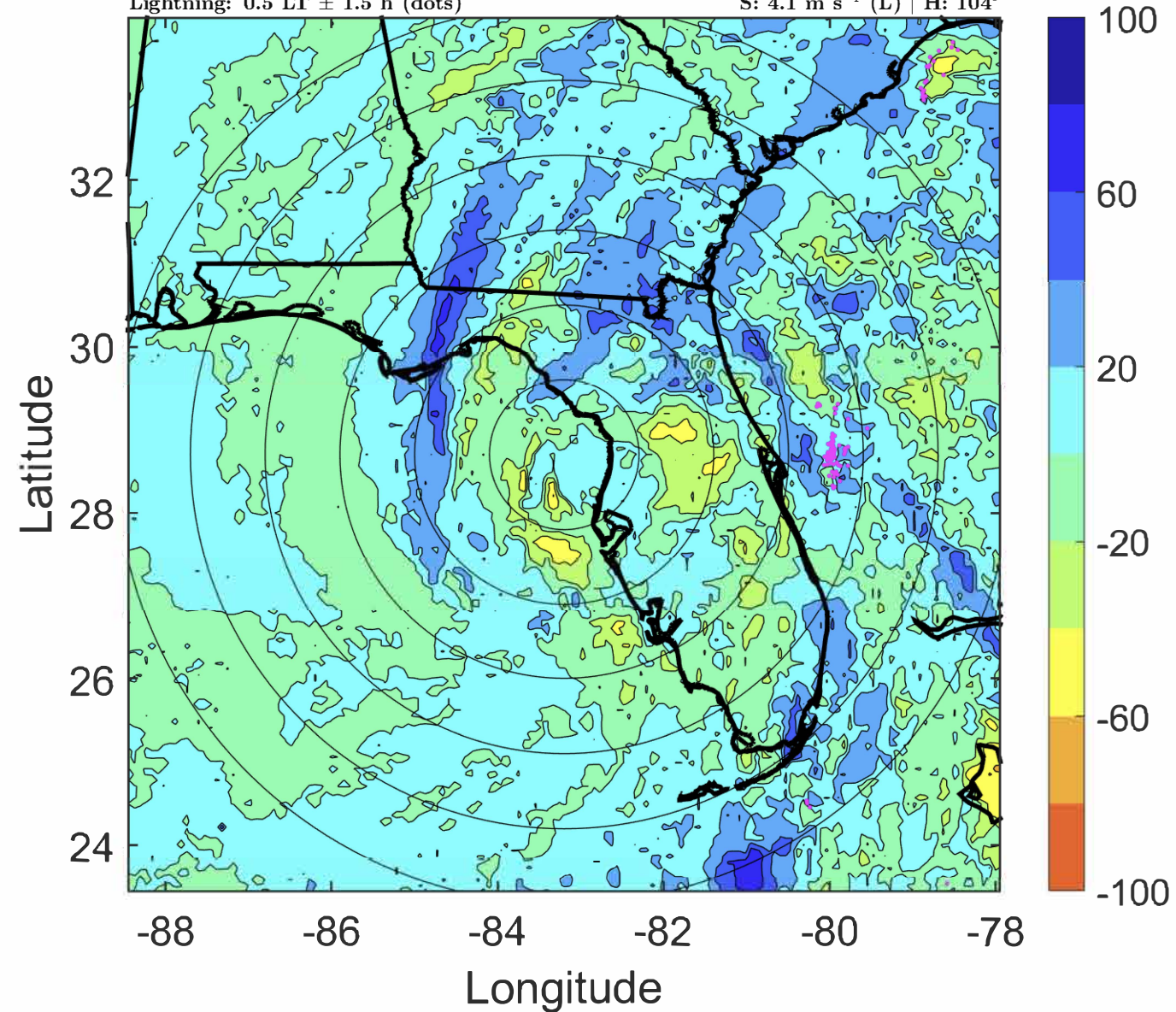
$\Delta$ t: 2020111206 (0.5 LT) - 2020111200 (18.4 LT)

Lightning: 0.5 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 50 kt TS

S: 4.1 m s<sup>-1</sup> (L) | H: 104°





### IR BT & Lightning

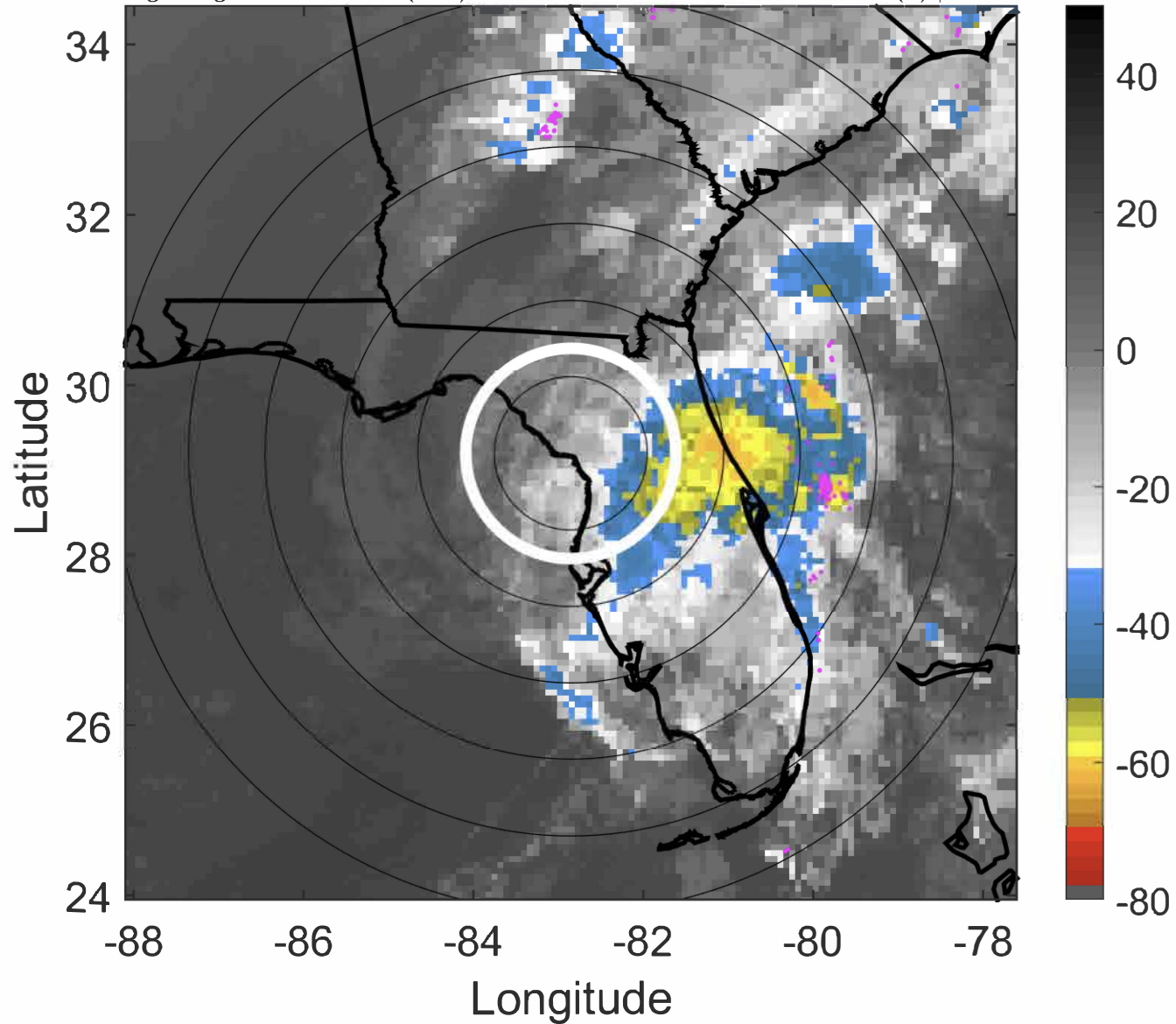
t: 2020111209 (3.5 LT)

Lightning: 3.5 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 45 kt TS

S: 4 m s<sup>-1</sup> (L) | H: 90°



### 6-h IR BT Differences & Lightning

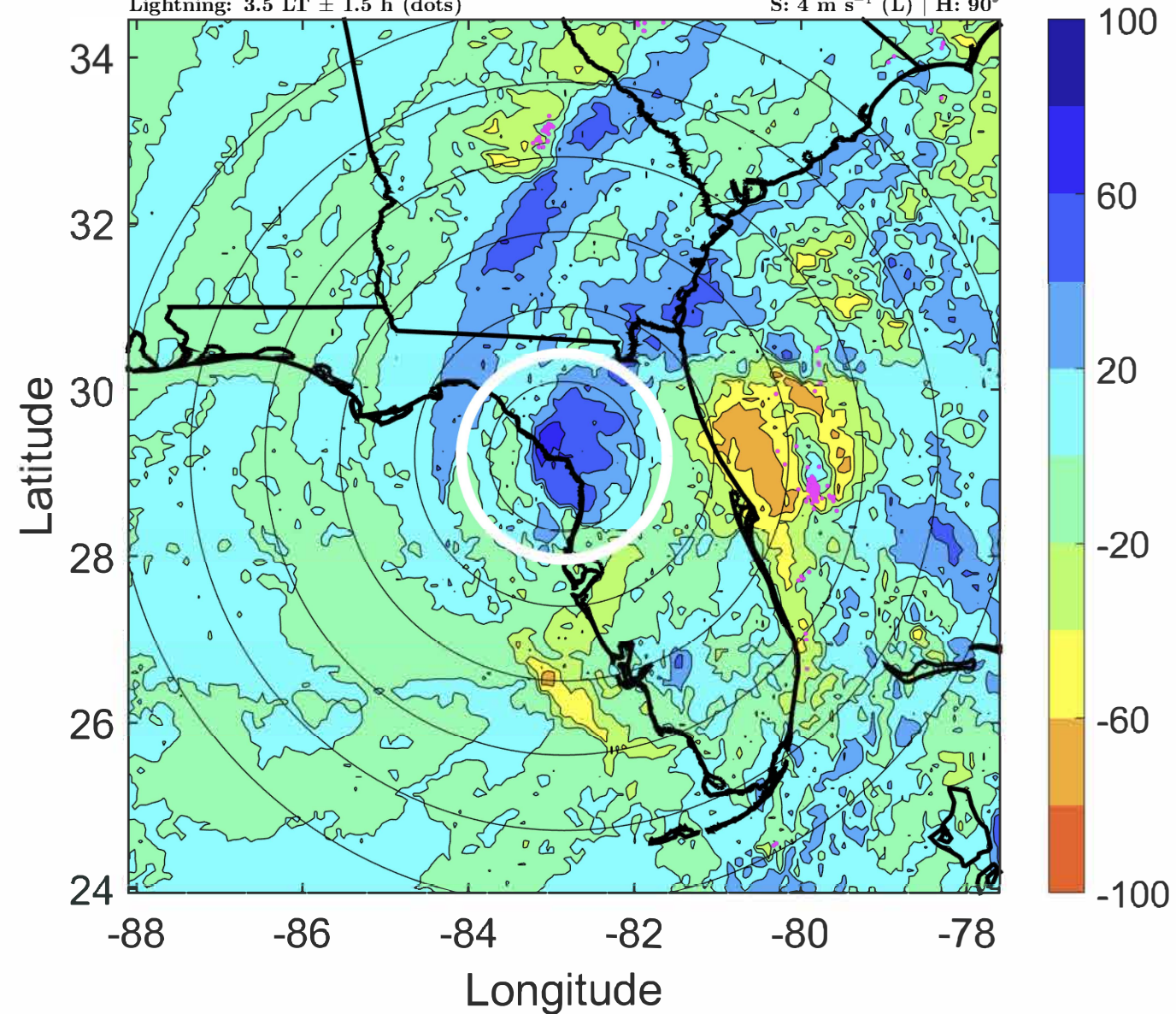
$\Delta$ t: 2020111209 (3.5 LT) - 2020111203 (21.4 LT)

Lightning: 3.5 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 45 kt TS

S: 4 m s<sup>-1</sup> (L) | H: 90°





### IR BT & Lightning

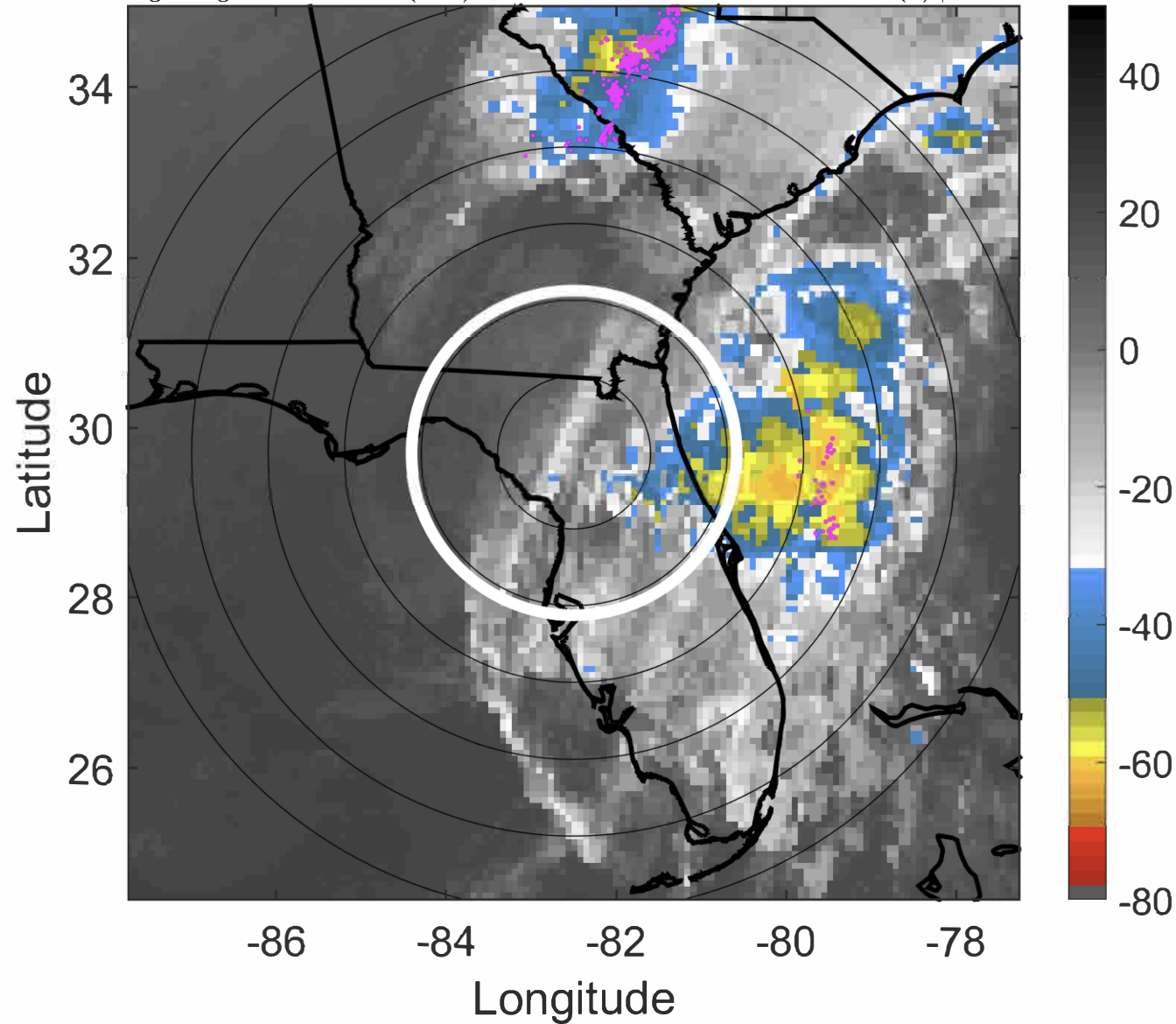
t: 2020111212 (6.5 LT)

Lightning: 6.5 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 40 kt TS

S: 3.9 m s<sup>-1</sup> (L) | H: 76°



### 6-h IR BT Differences & Lightning

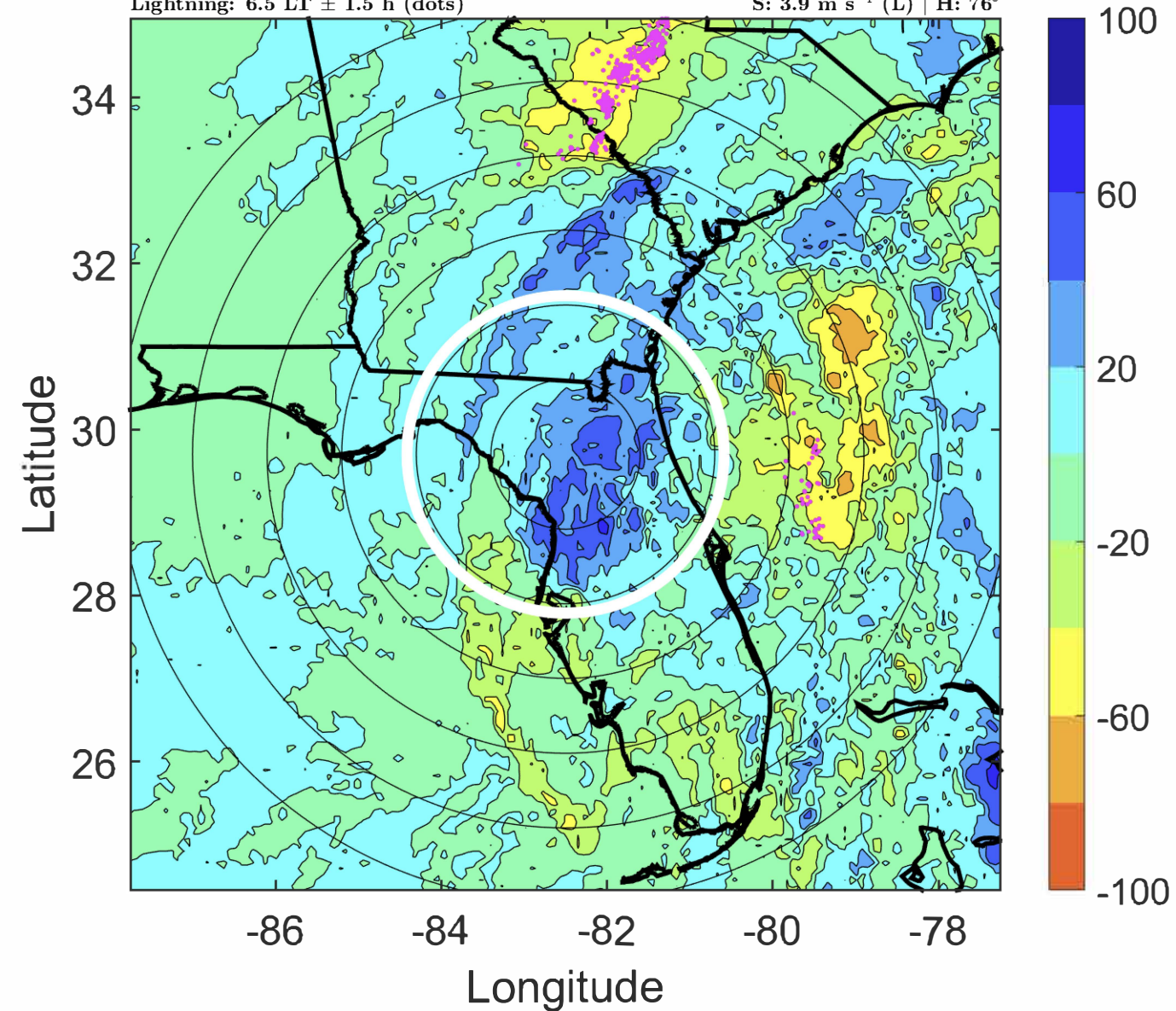
$\Delta$ t: 2020111212 (6.5 LT) - 2020111206 (0.5 LT)

Lightning: 6.5 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 40 kt TS

S: 3.9 m s<sup>-1</sup> (L) | H: 76°





### IR BT & Lightning

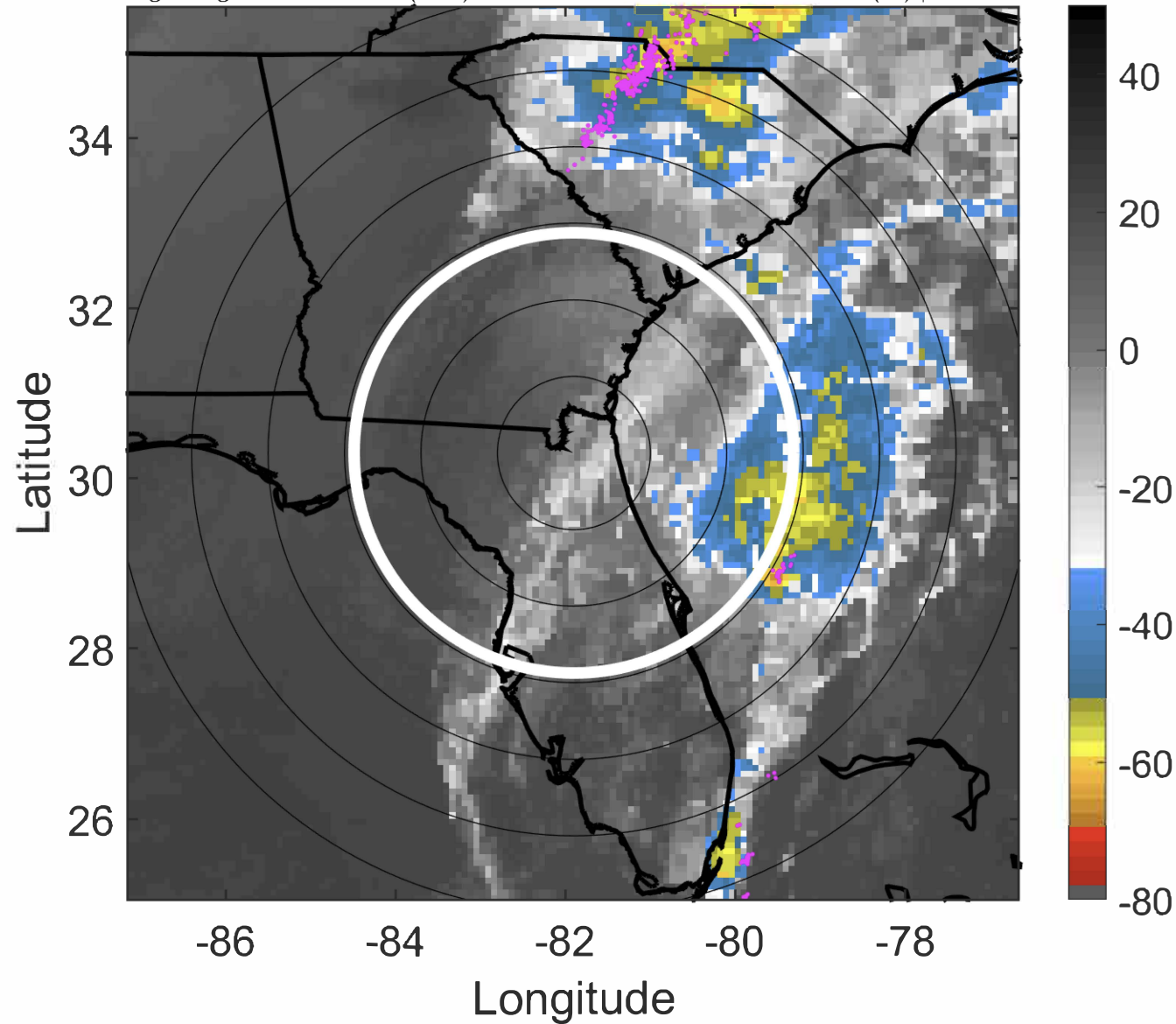
t: 2020111215 (9.5 LT)

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

PT: SLCP | EA: INACT

29L (ETA) | 37.5 kt TS

S: 4.9 m s<sup>-1</sup> (M) | H: 61.5°



### 6-h IR BT Differences & Lightning

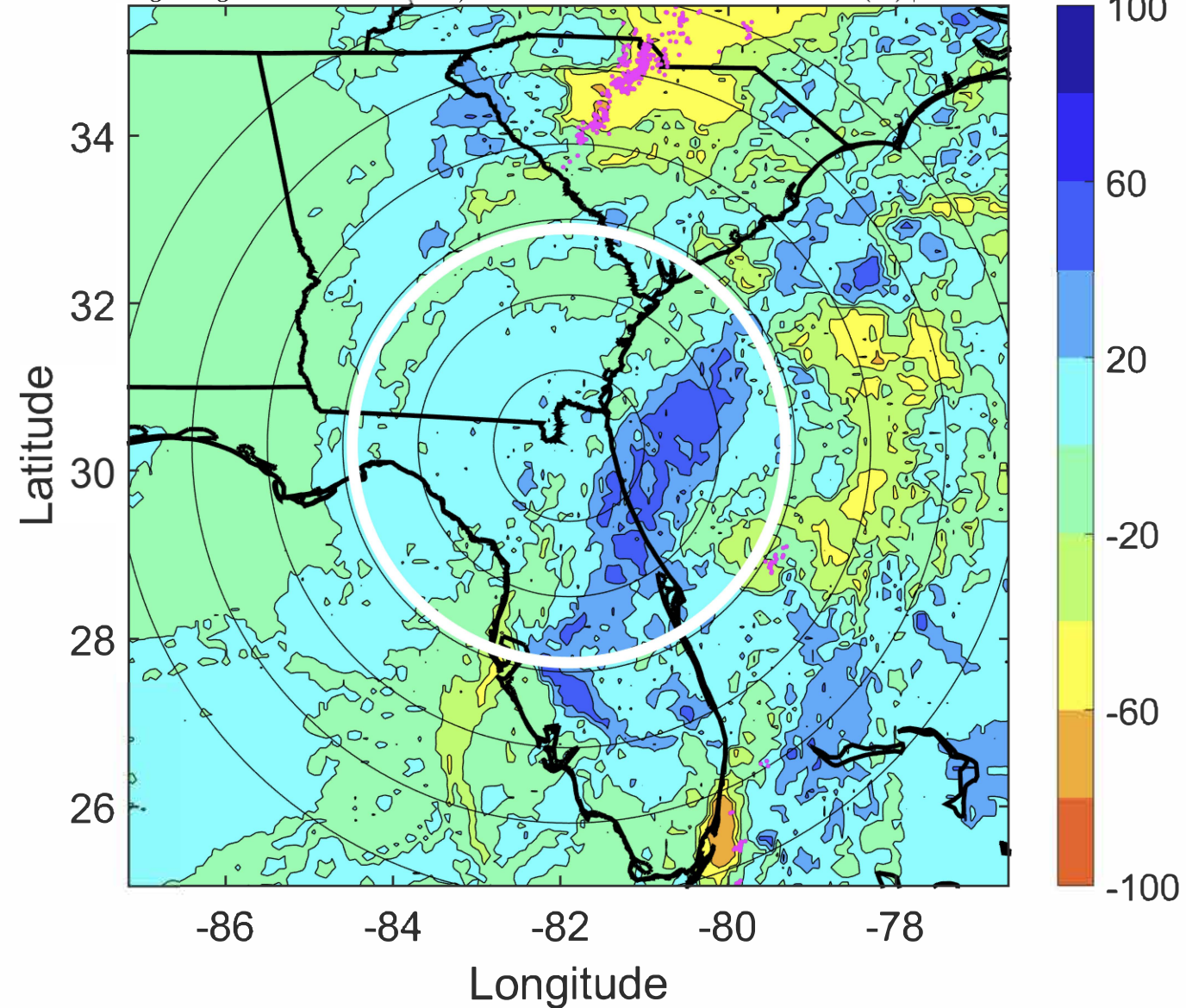
$\Delta$ t: 2020111215 (9.5 LT) - 2020111209 (3.5 LT)

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

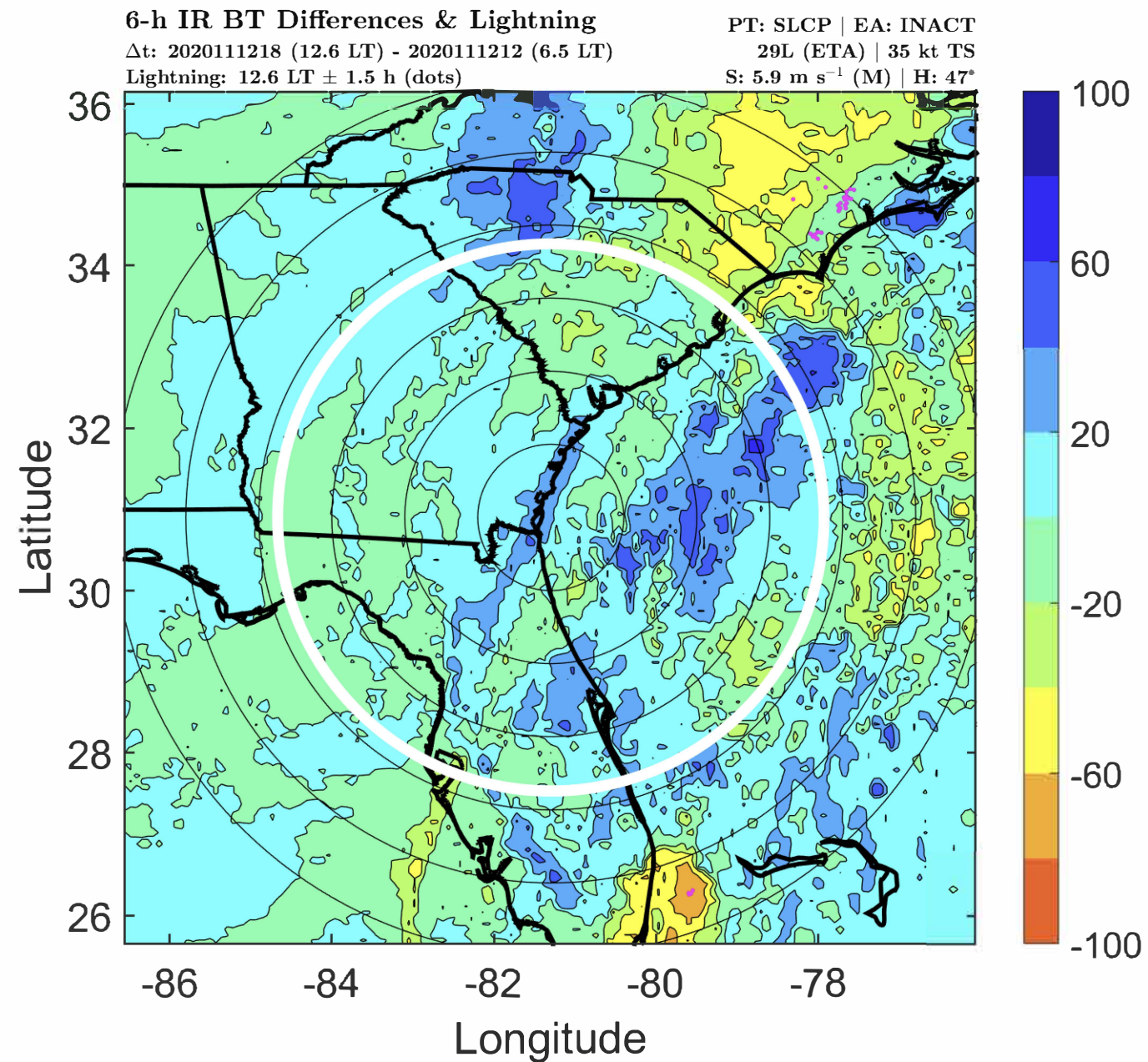
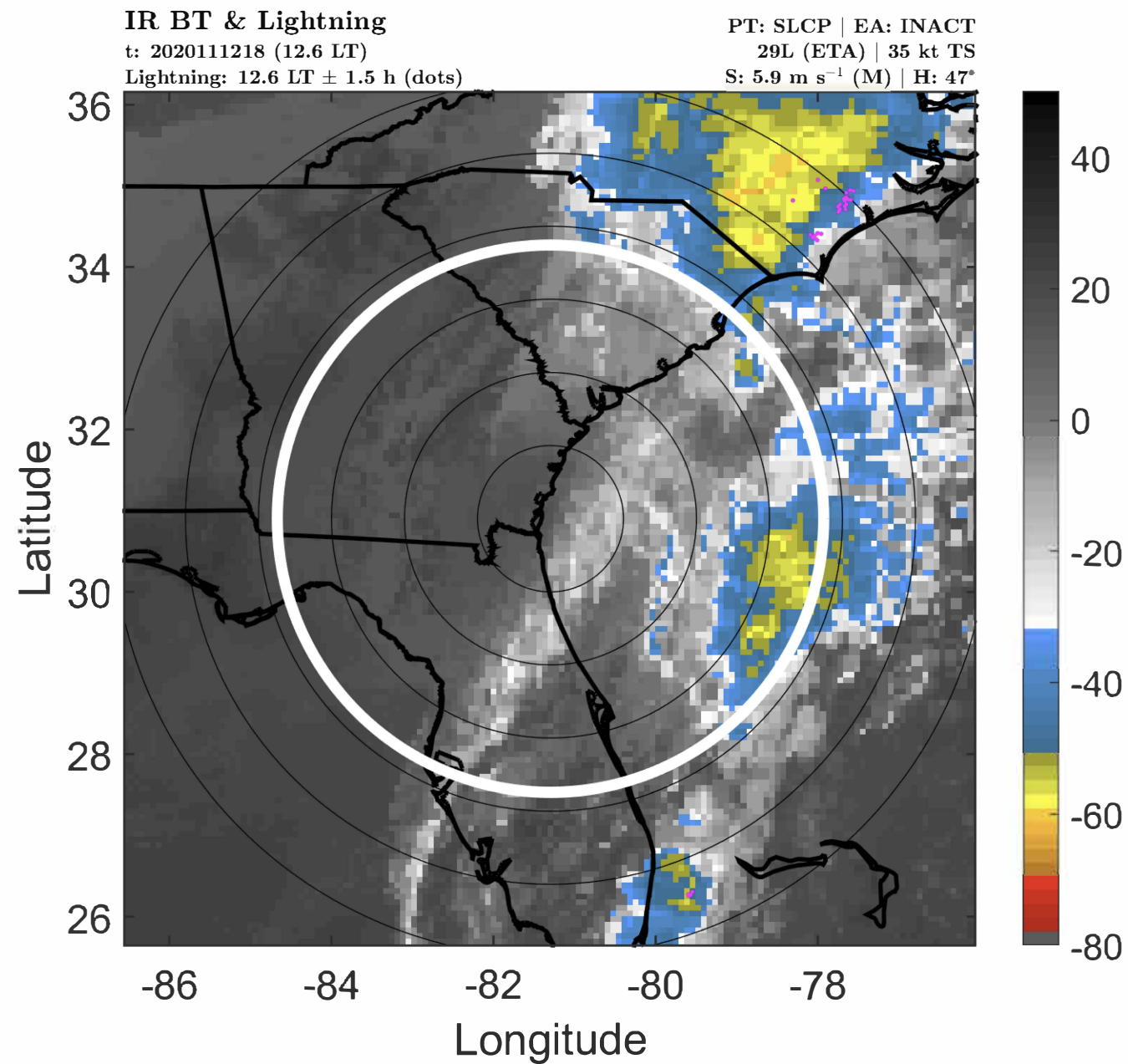
PT: SLCP | EA: INACT

29L (ETA) | 37.5 kt TS

S: 4.9 m s<sup>-1</sup> (M) | H: 61.5°









### IR BT & Lightning

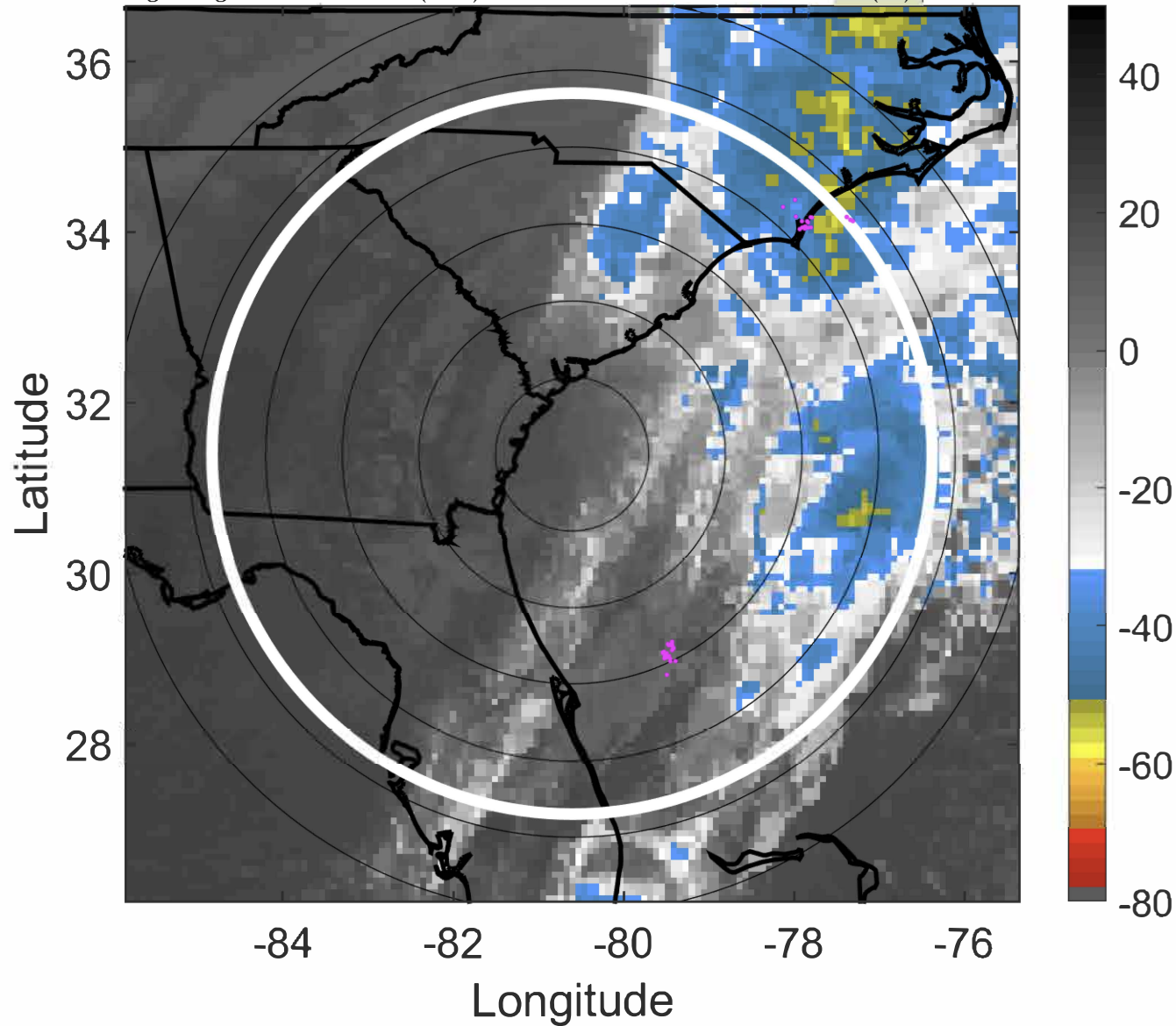
t: 2020111221 (15.6 LT)

Lightning: 15.6 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 37.5 kt TS

S: 7.8 m s<sup>-1</sup> (M) | H: 48.5°



### 6-h IR BT Differences & Lightning

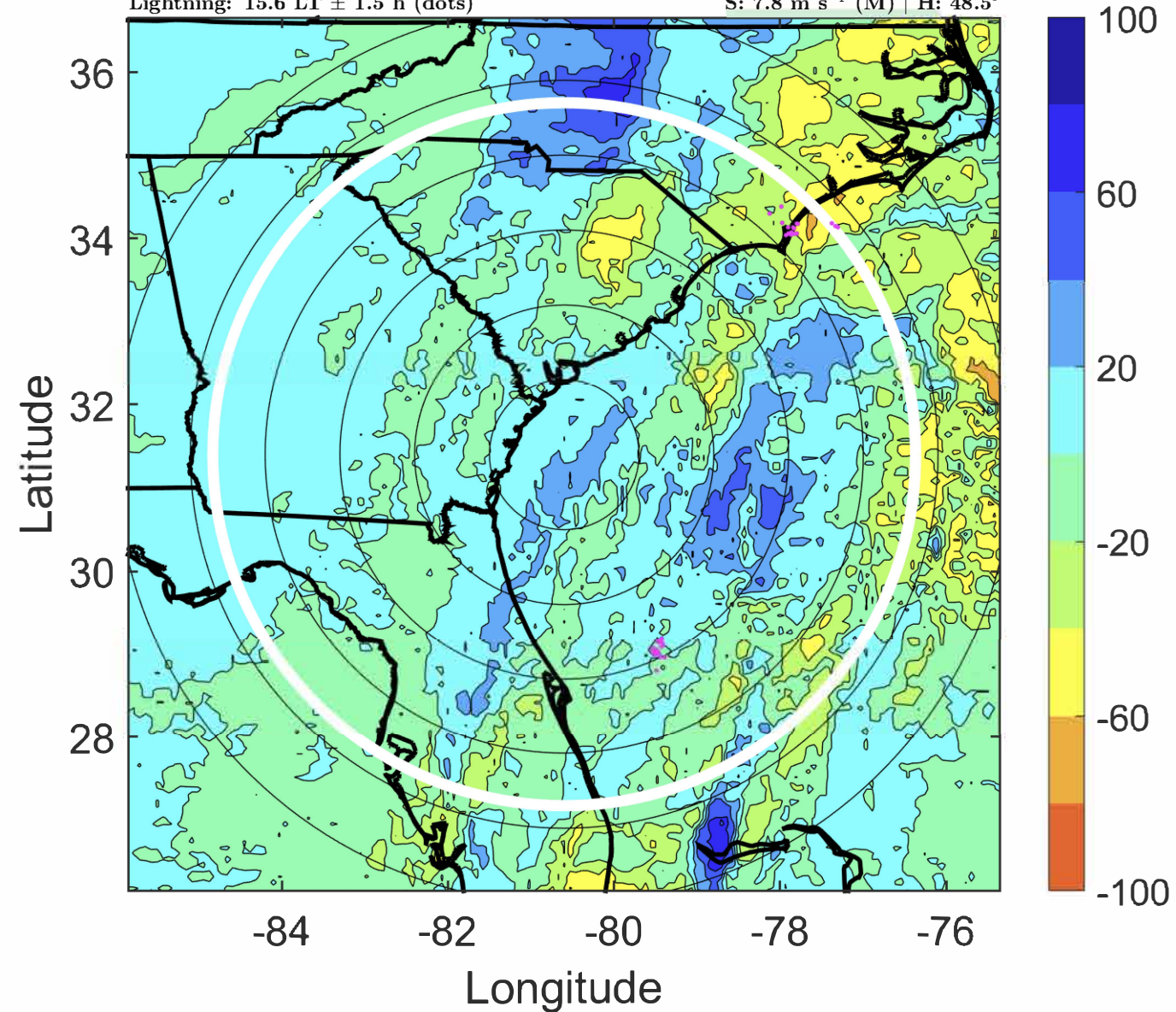
$\Delta$ t: 2020111221 (15.6 LT) - 2020111215 (9.5 LT)

Lightning: 15.6 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 37.5 kt TS

S: 7.8 m s<sup>-1</sup> (M) | H: 48.5°





# IR BT & Lightning

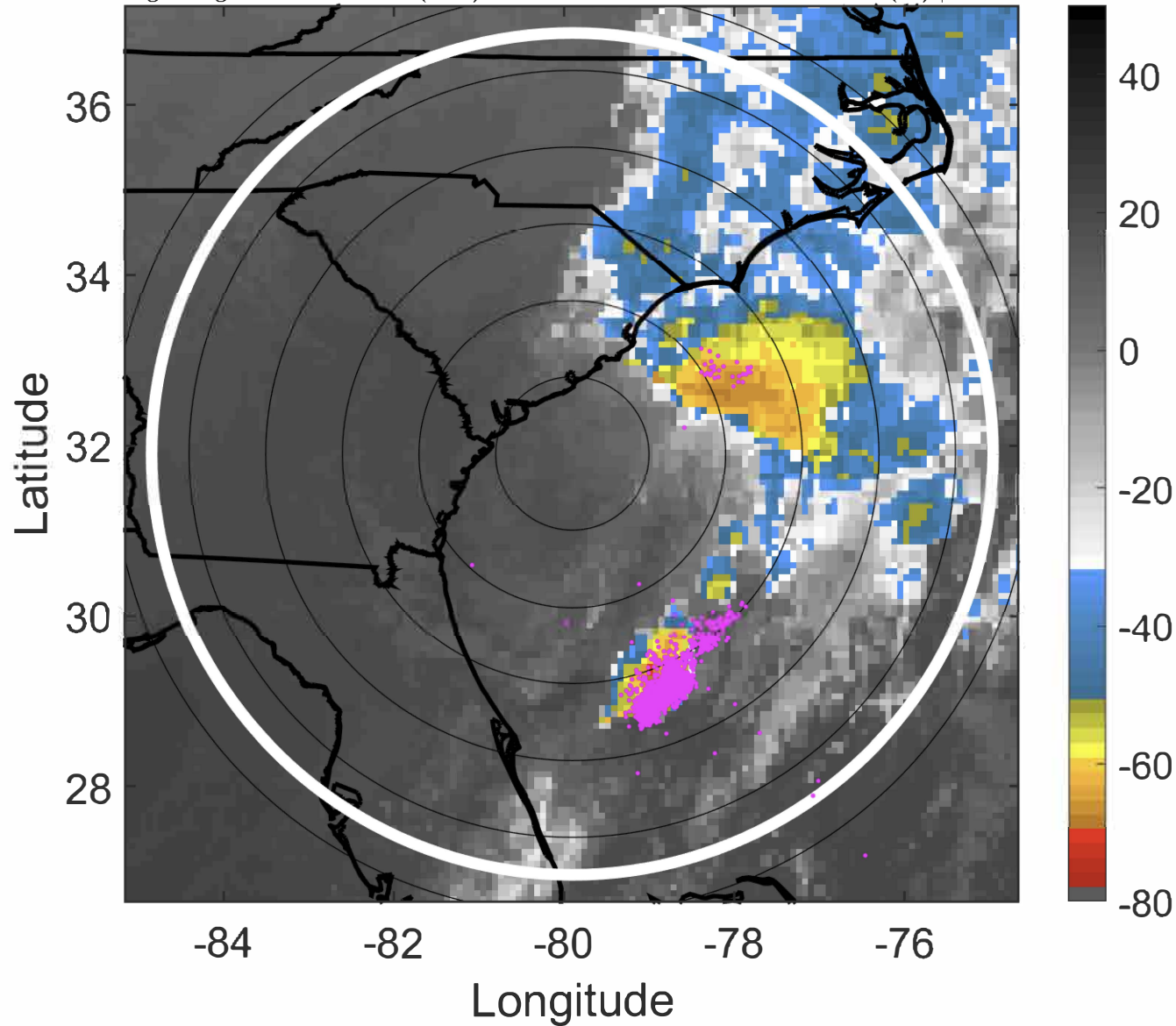
t: 2020111300 (18.7 LT)

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

PT: SLCP | EA: INACT

29L (ETA) | 40 kt TS

S: 9.7 m s<sup>-1</sup> (M) | H: 50°



# 6-h IR BT Differences & Lightning

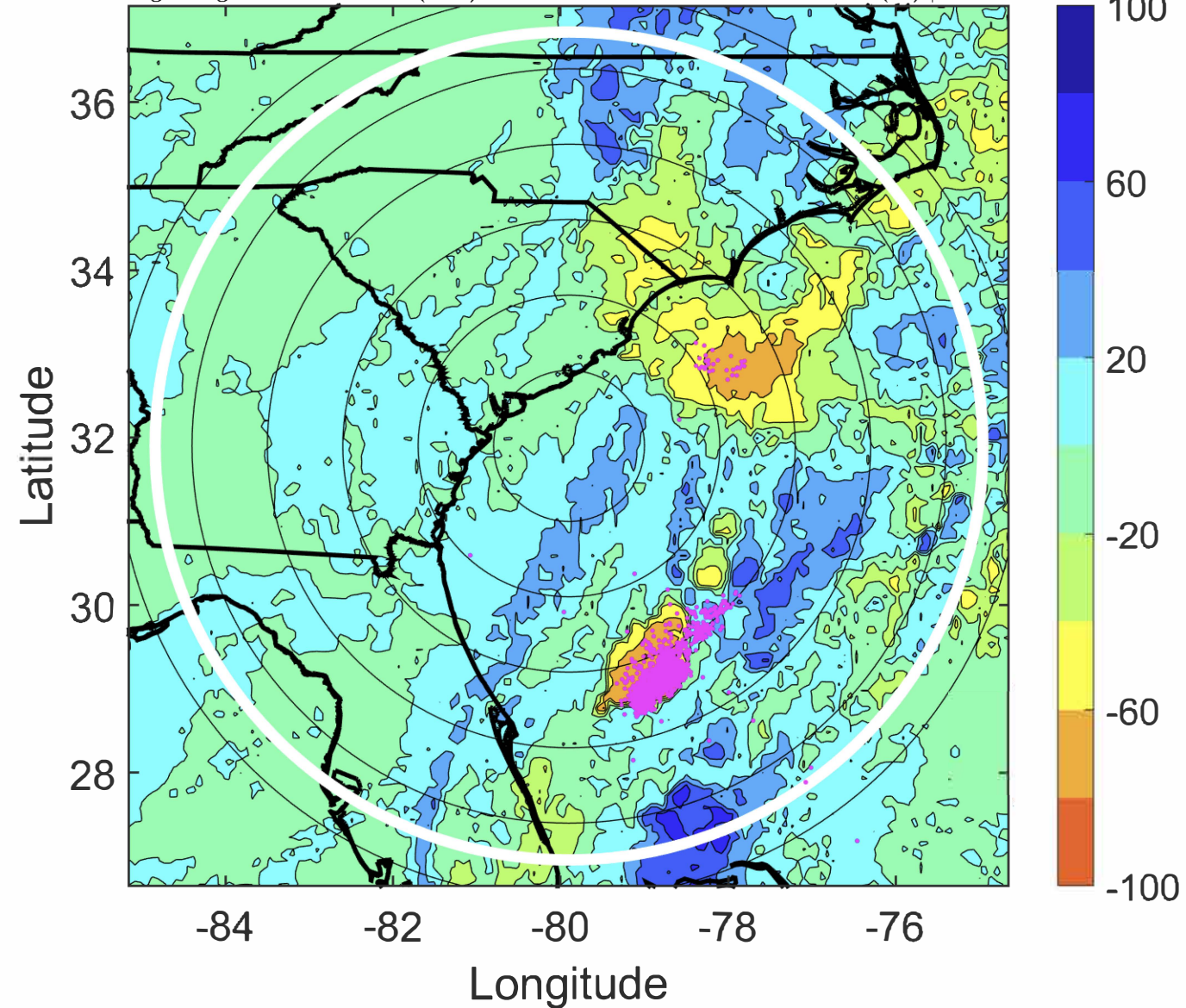
$\Delta$ t: 2020111300 (18.7 LT) - 2020111218 (12.6 LT)

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

PT: SLCP | EA: INACT

29L (ETA) | 40 kt TS

S: 9.7 m s<sup>-1</sup> (M) | H: 50°





### IR BT & Lightning

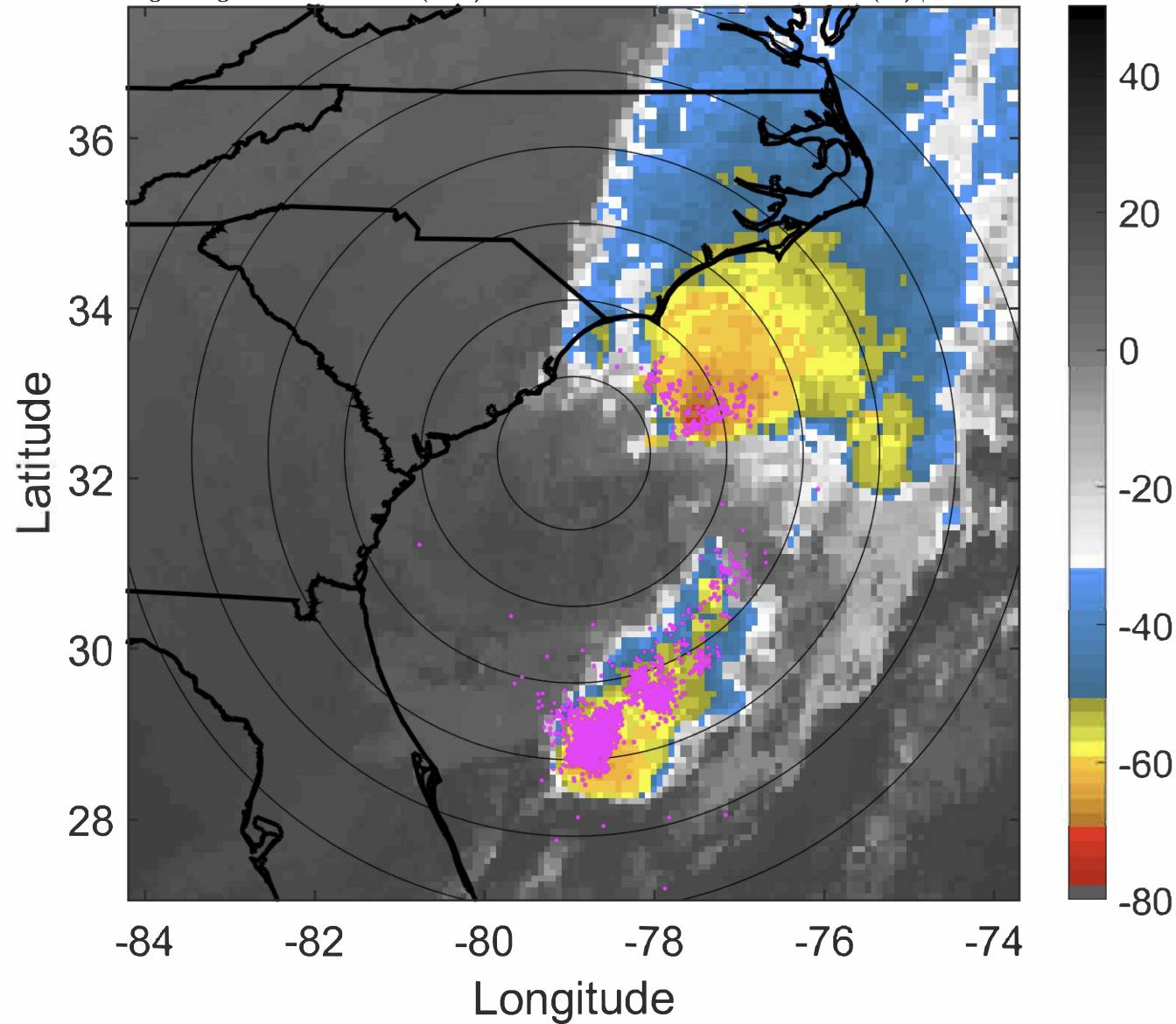
t: 2020111303 (21.7 LT)

Lightning: 21.7 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 40 kt TS

S: 8.9 m s<sup>-1</sup> (M) | H: 61.5°



### 6-h IR BT Differences & Lightning

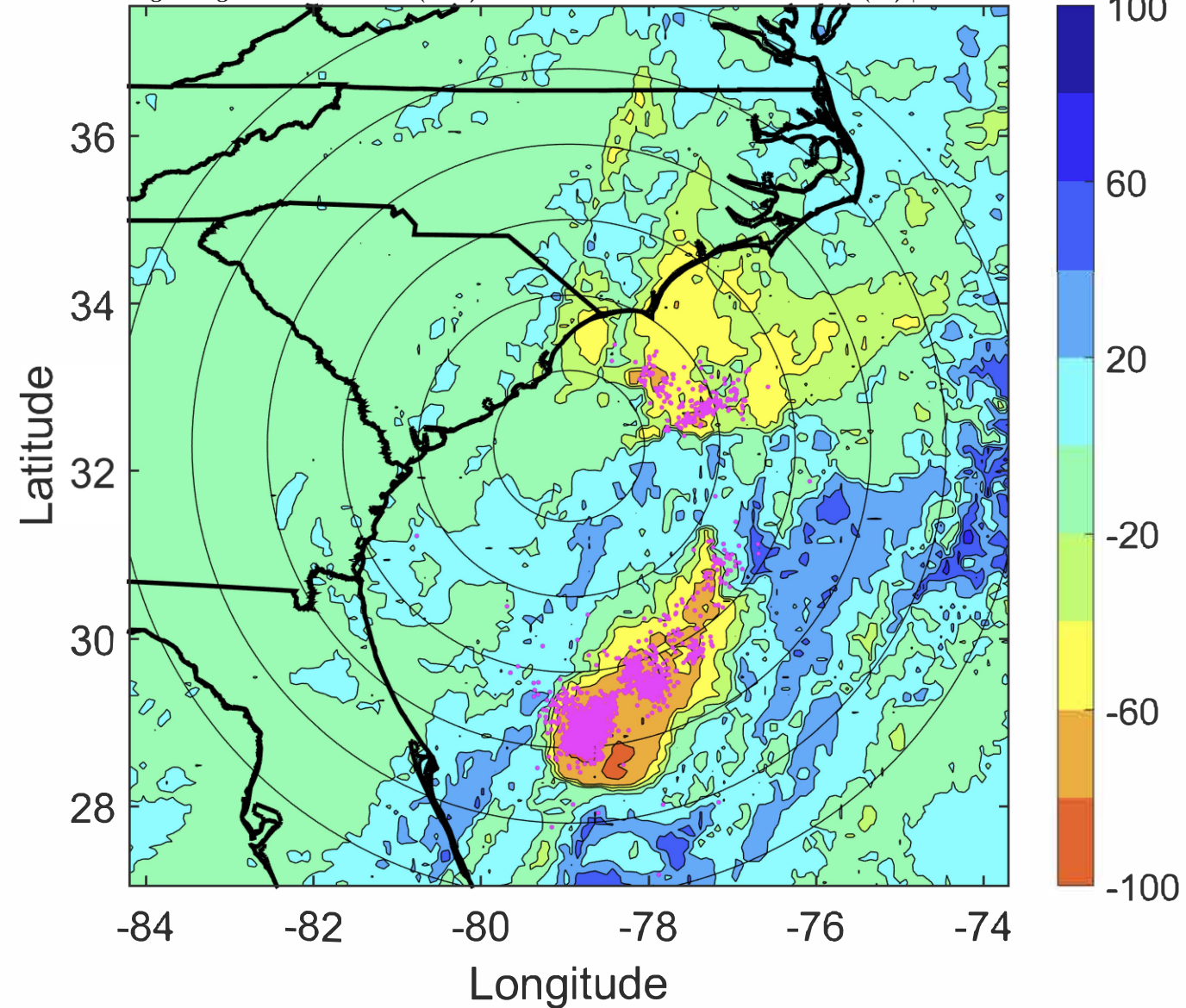
$\Delta$ t: 2020111303 (21.7 LT) - 2020111221 (15.6 LT)

Lightning: 21.7 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

29L (ETA) | 40 kt TS

S: 8.9 m s<sup>-1</sup> (M) | H: 61.5°





### IR BT & Lightning

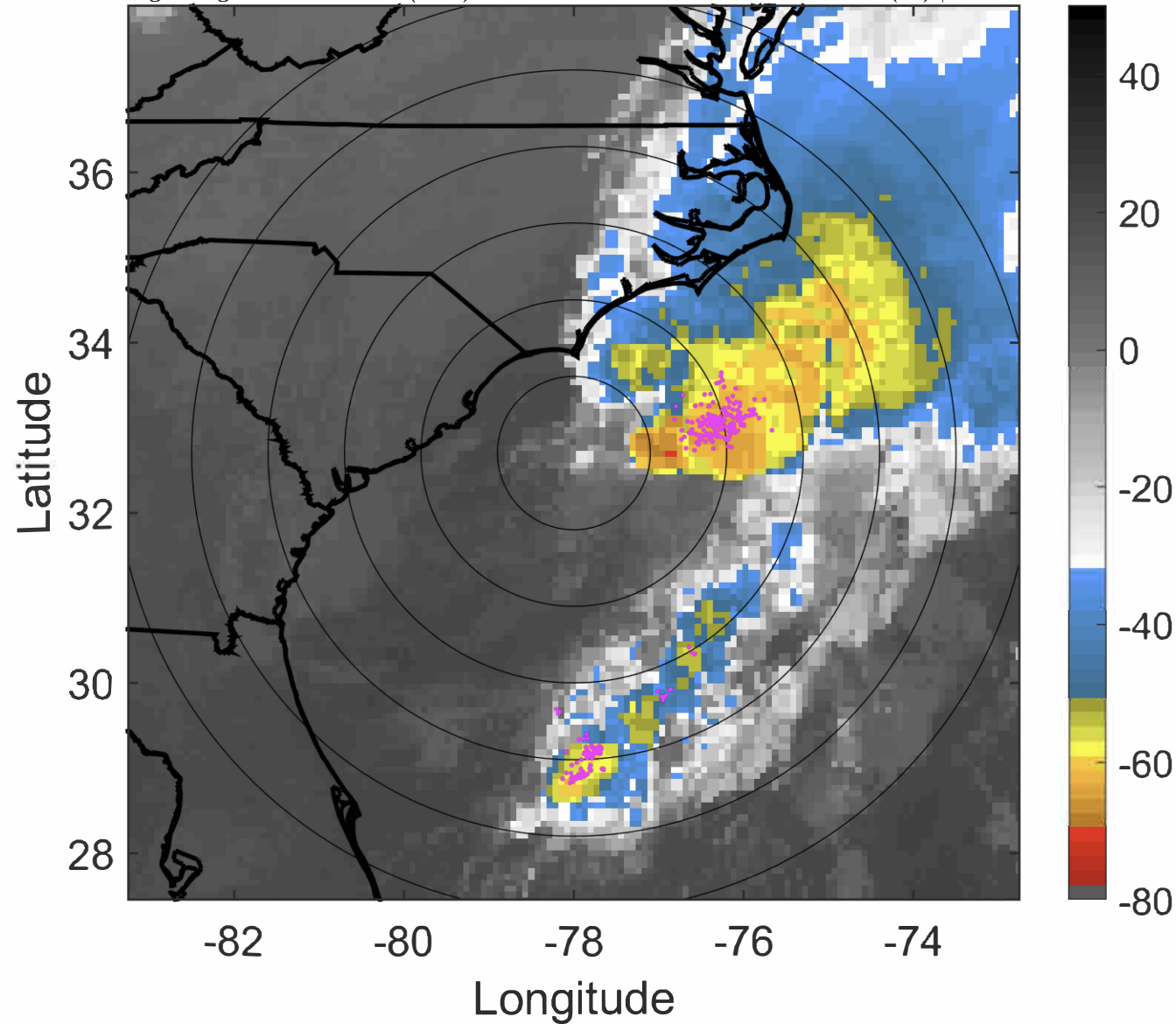
t: 2020111306 (0.8 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 40 kt TS

S: 8.2 m s<sup>-1</sup> (M) | H: 73°



### 6-h IR BT Differences & Lightning

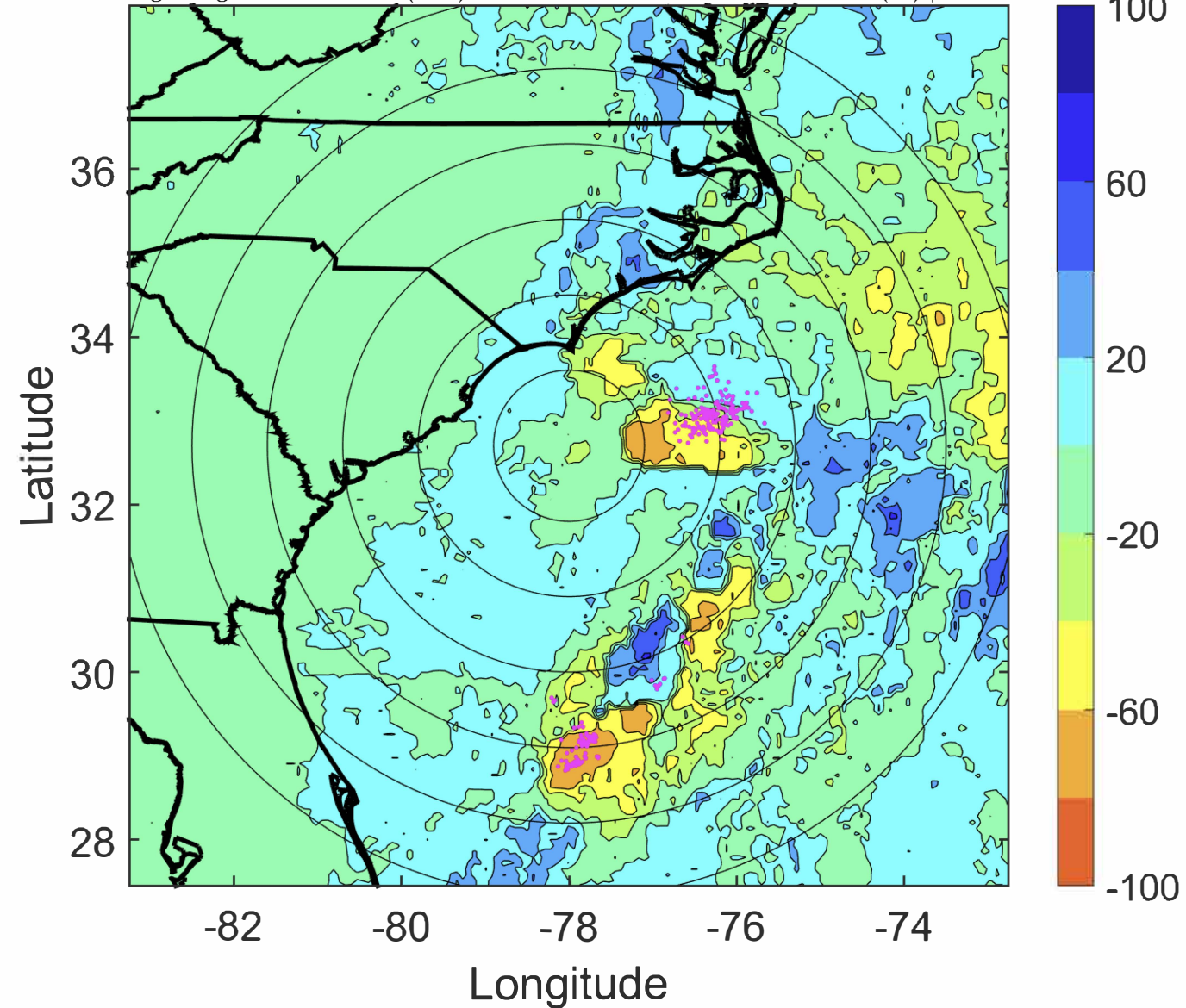
$\Delta$ t: 2020111306 (0.8 LT) - 2020111300 (18.7 LT)

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

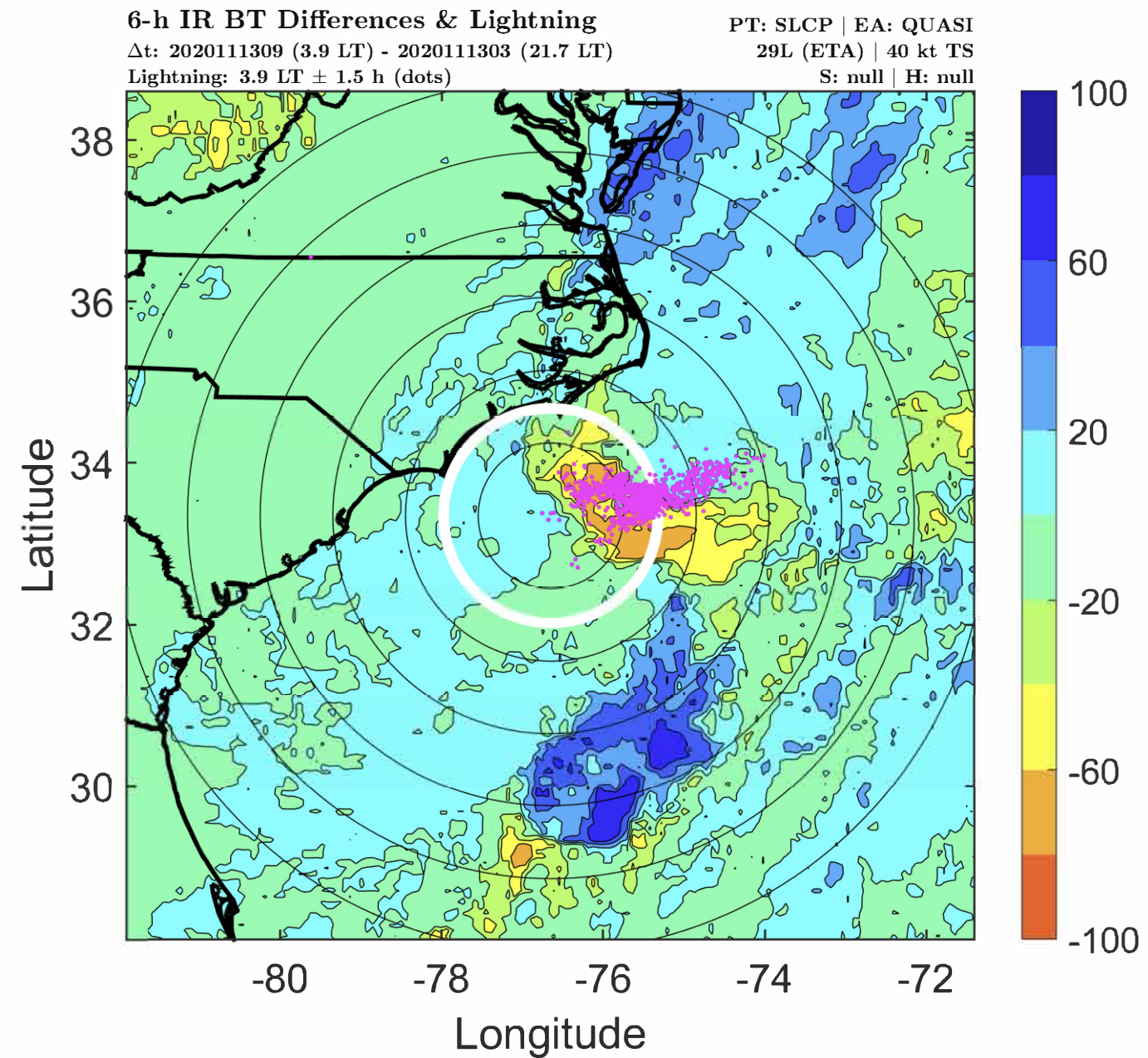
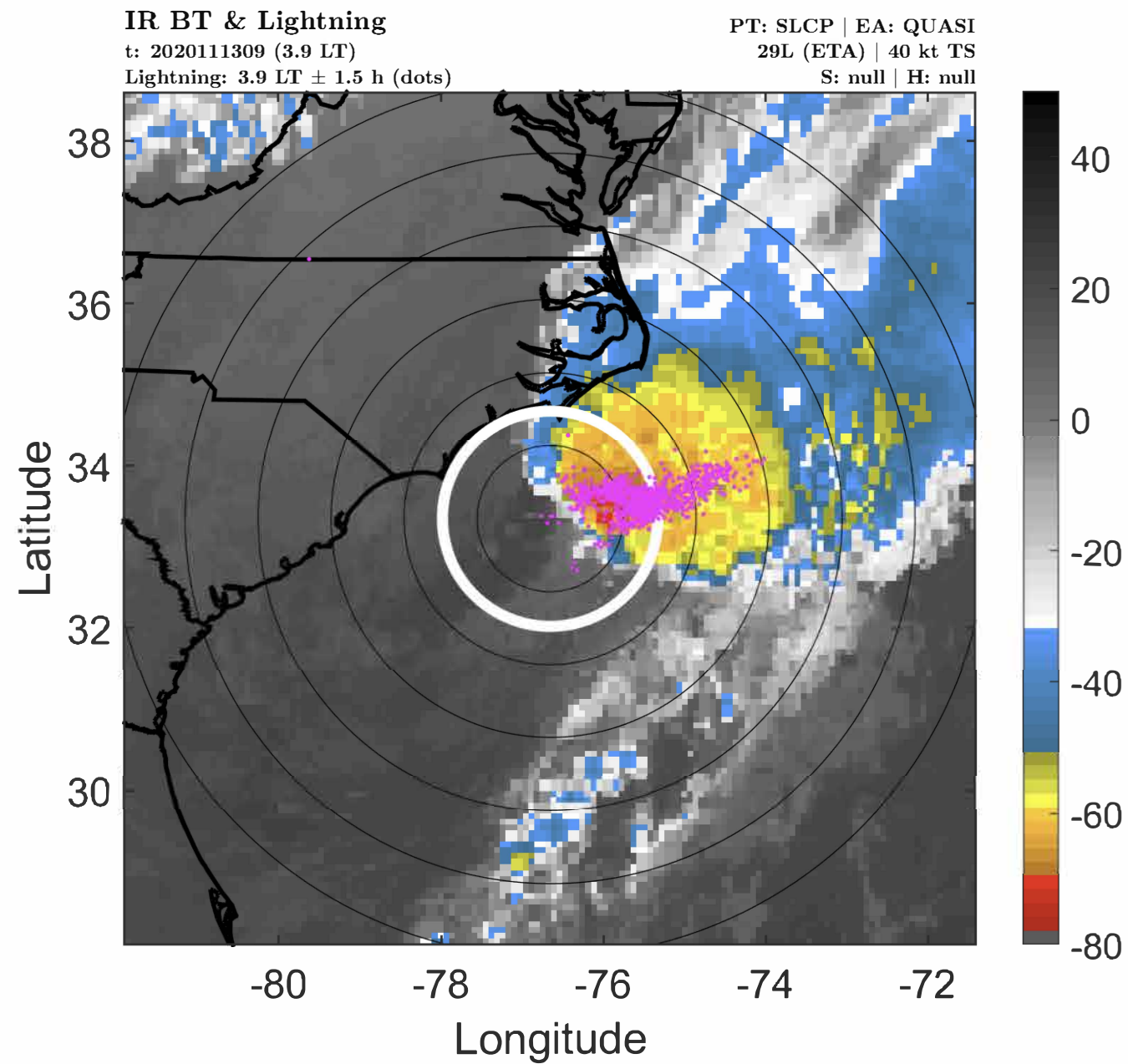
PT: SLCP | EA: QUASI

29L (ETA) | 40 kt TS

S: 8.2 m s<sup>-1</sup> (M) | H: 73°









# IR BT & Lightning

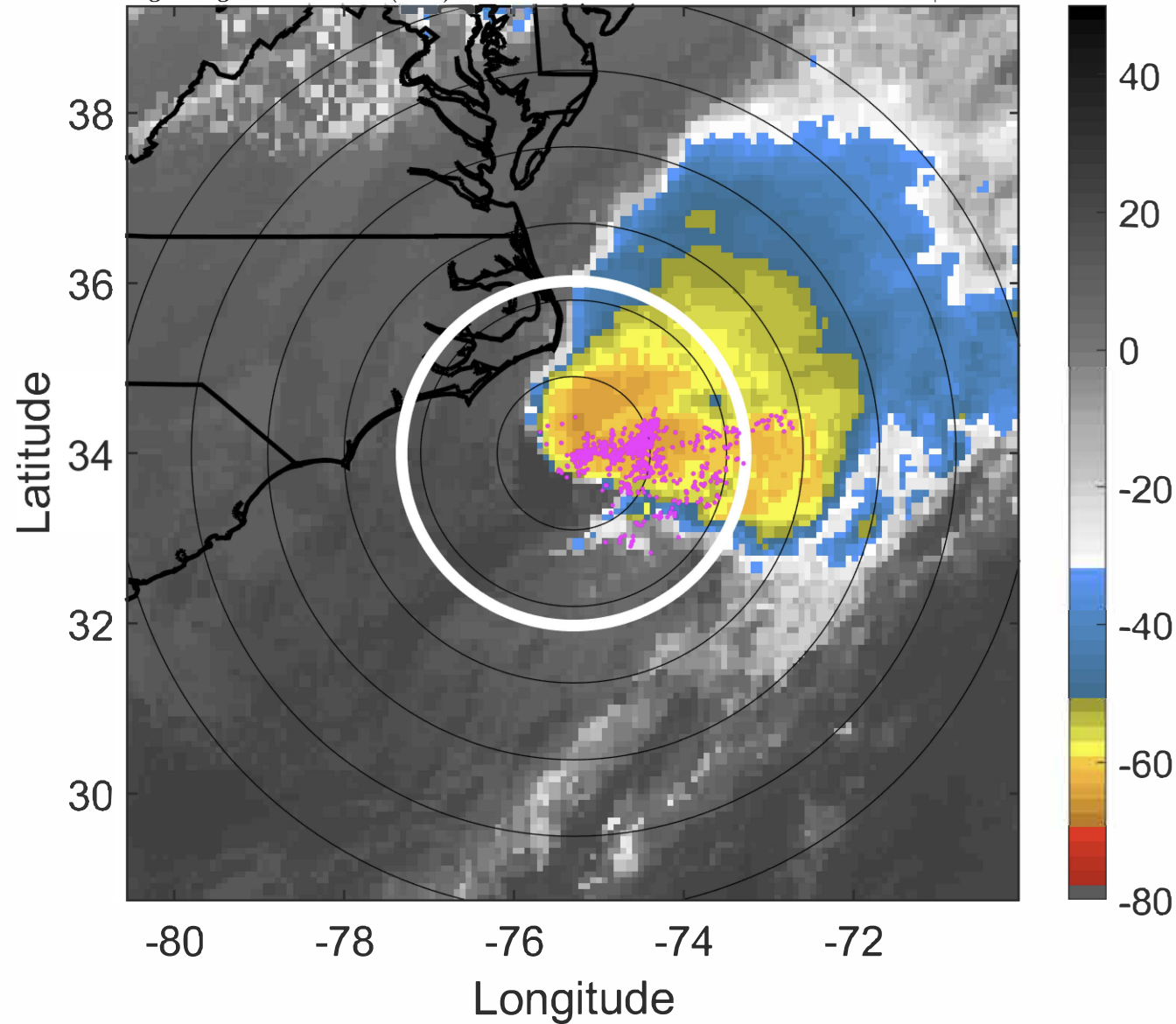
t: 2020111312 (7 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 40 kt EX

S: null | H: null



# 6-h IR BT Differences & Lightning

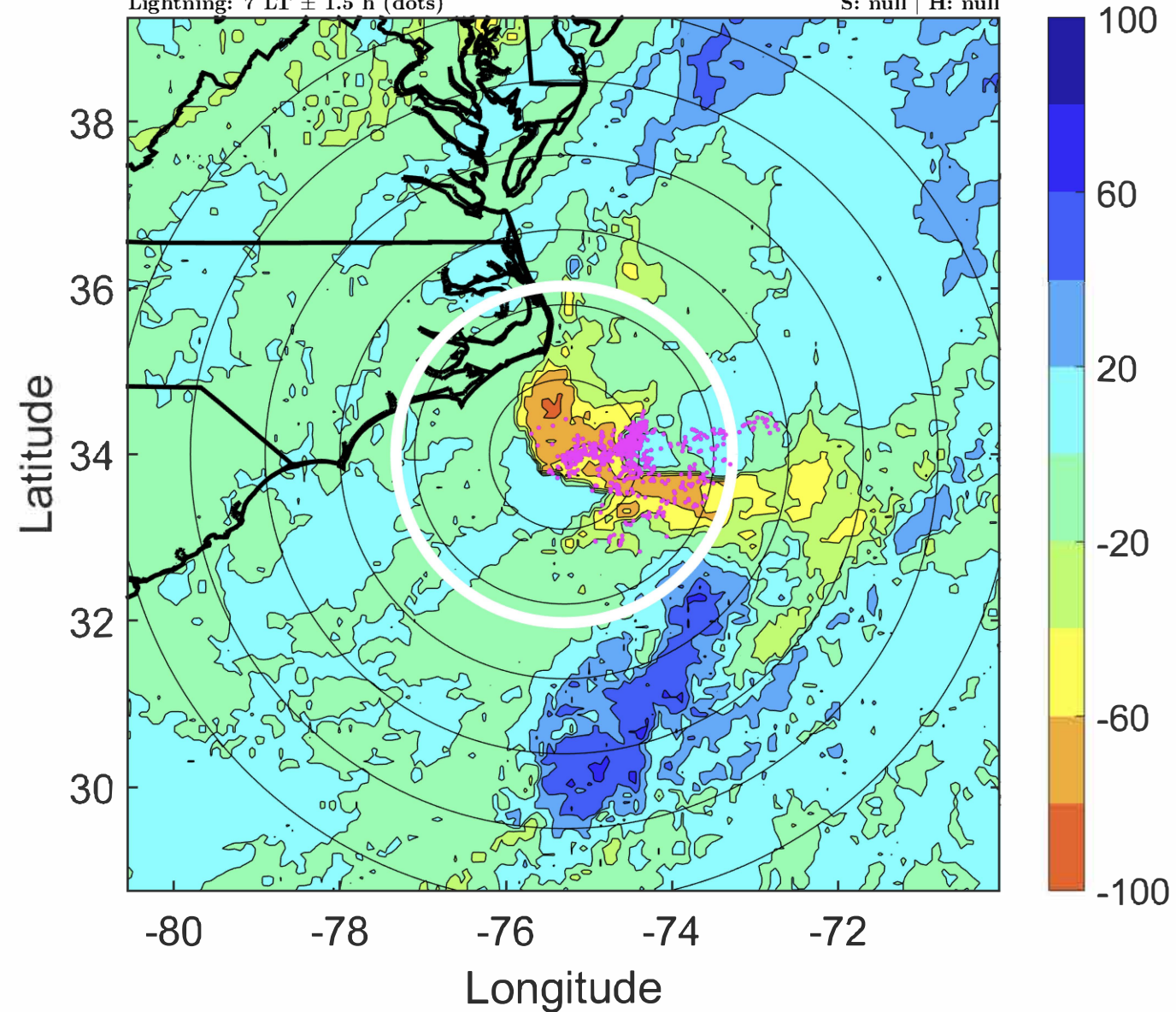
$\Delta$ t: 2020111312 (7 LT) - 2020111306 (0.8 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 40 kt EX

S: null | H: null





# IR BT & Lightning

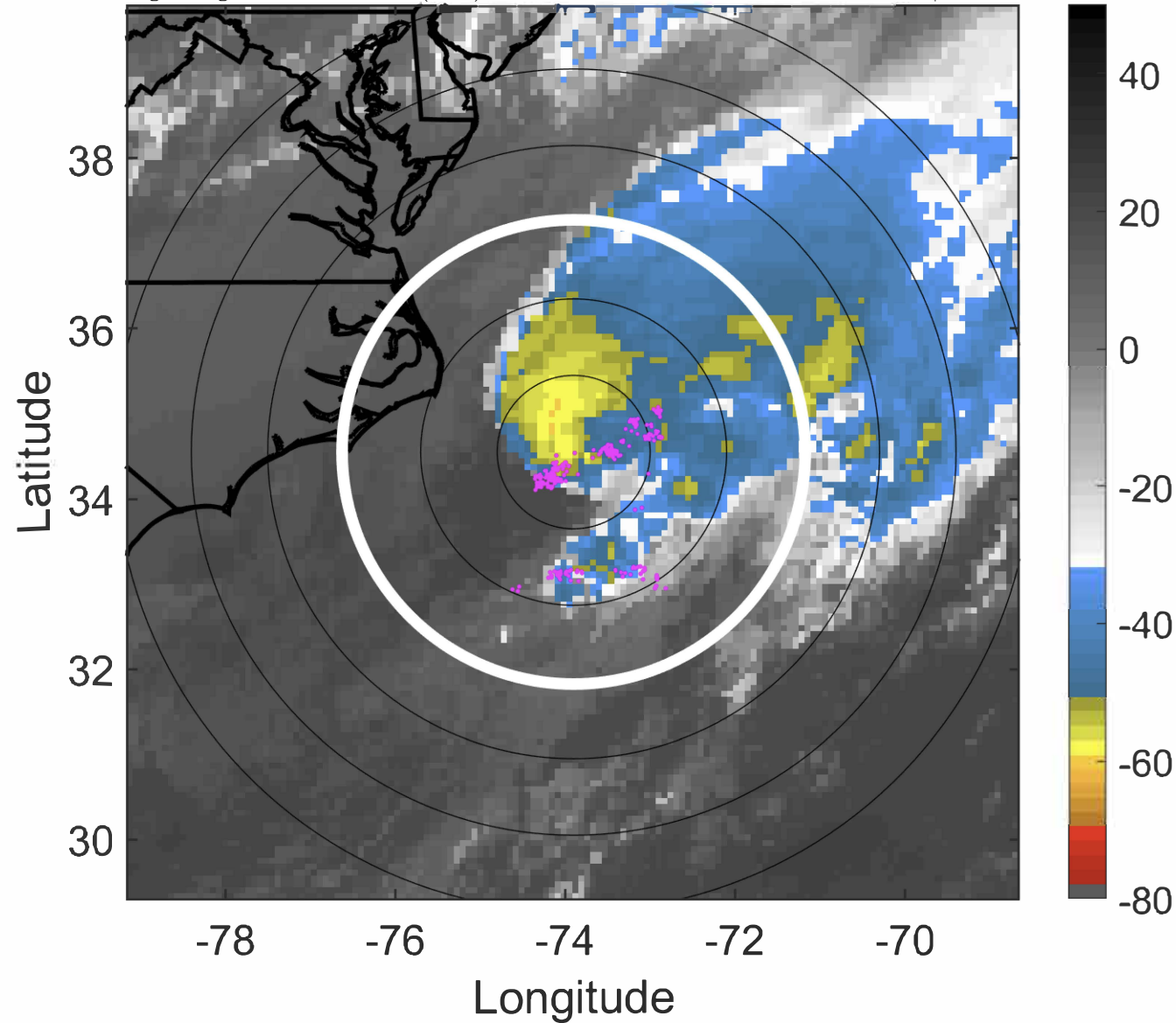
t: 2020111315 (10.1 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 40 kt EX

S: null | H: null



# 6-h IR BT Differences & Lightning

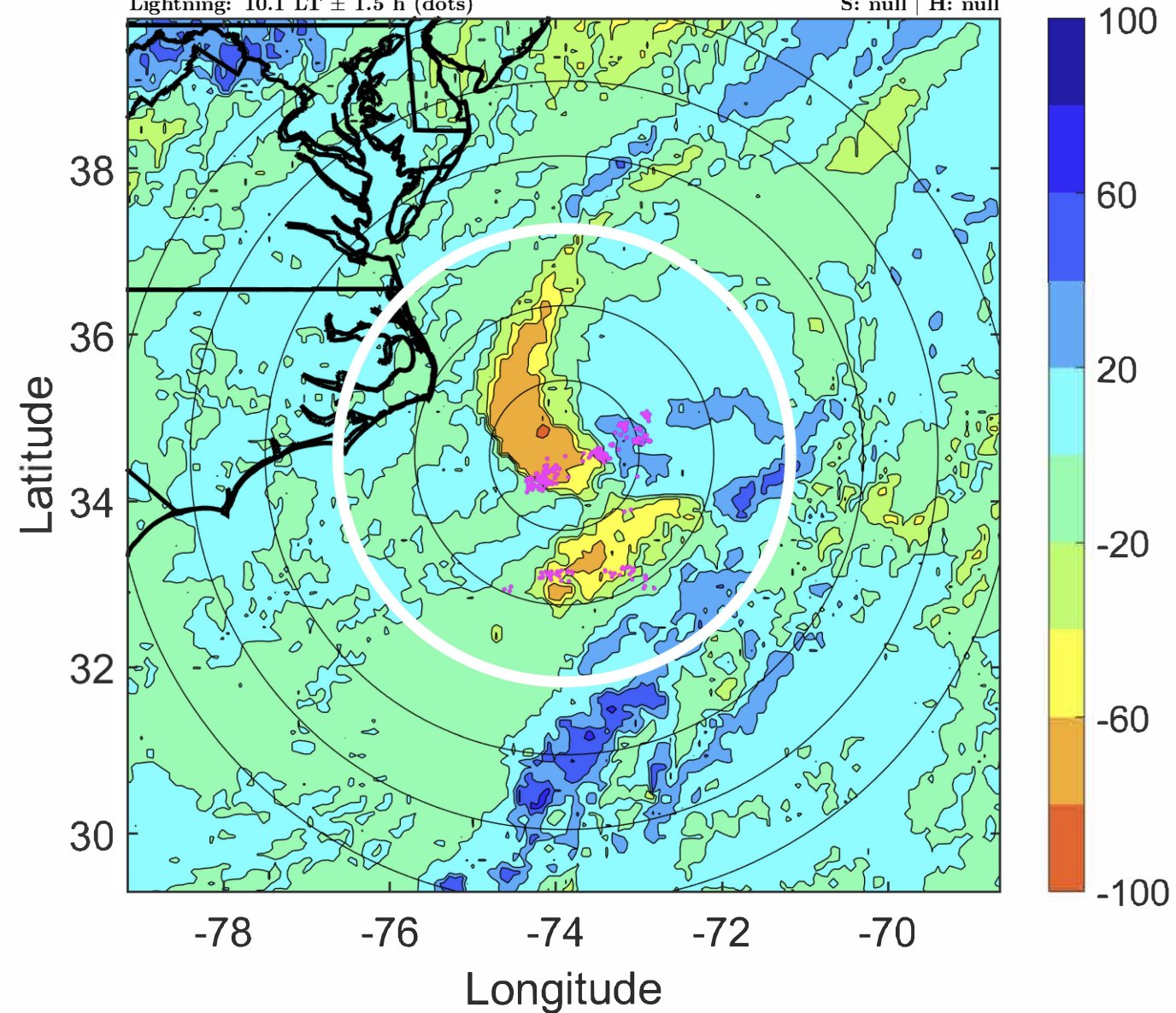
$\Delta$ t: 2020111315 (10.1 LT) - 2020111309 (3.9 LT)

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

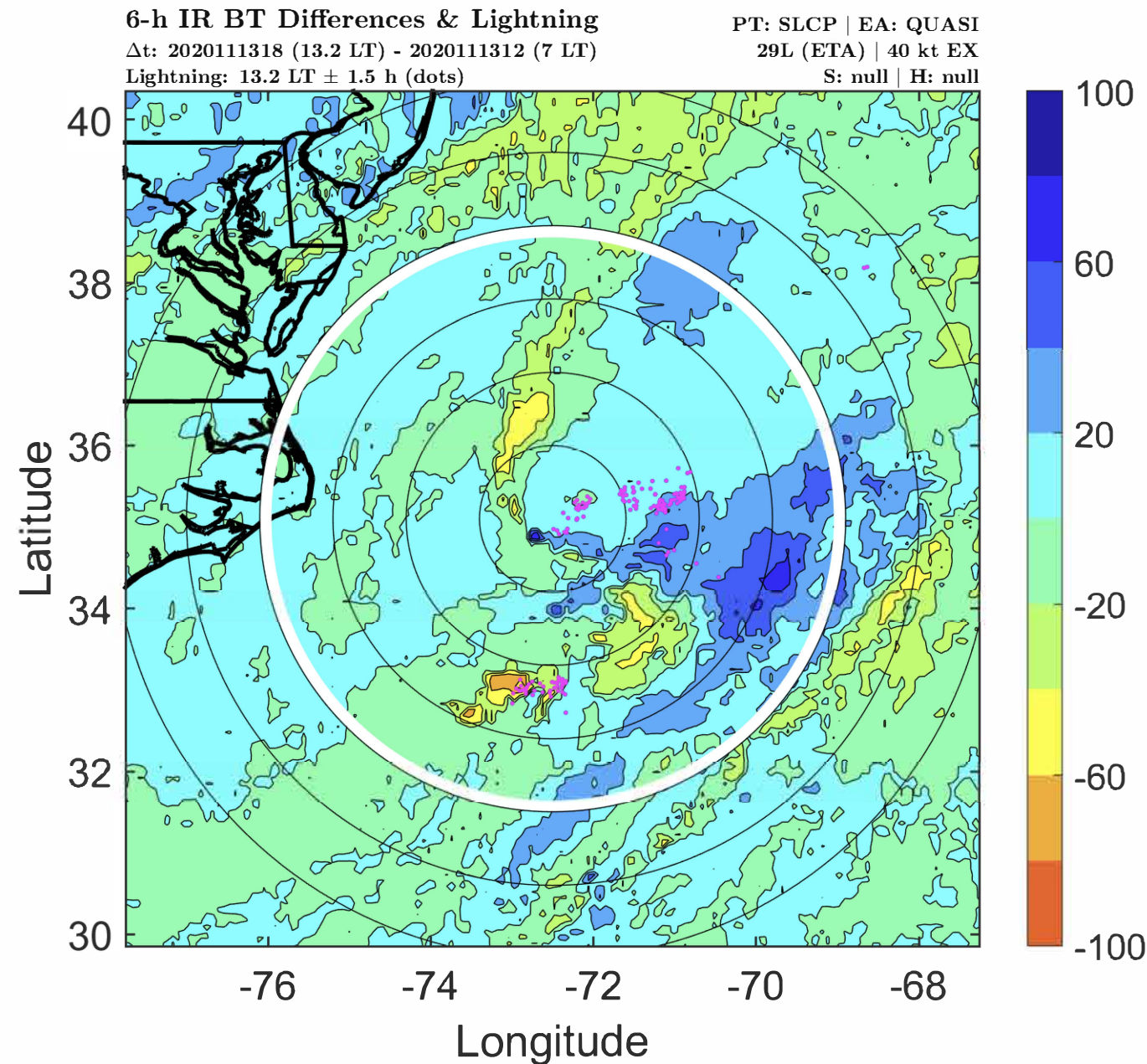
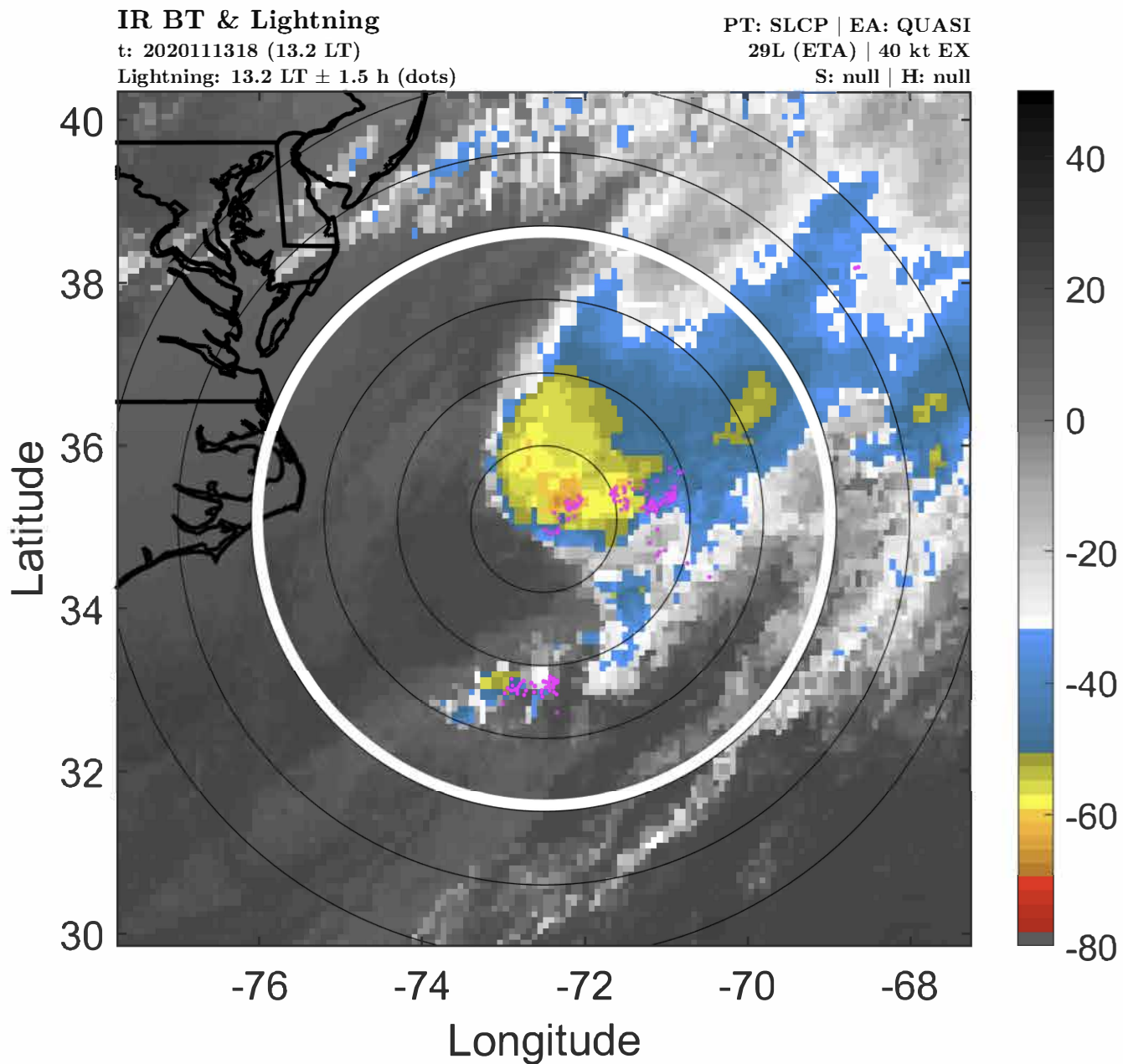
PT: SLCP | EA: QUASI

29L (ETA) | 40 kt EX

S: null | H: null









# IR BT & Lightning

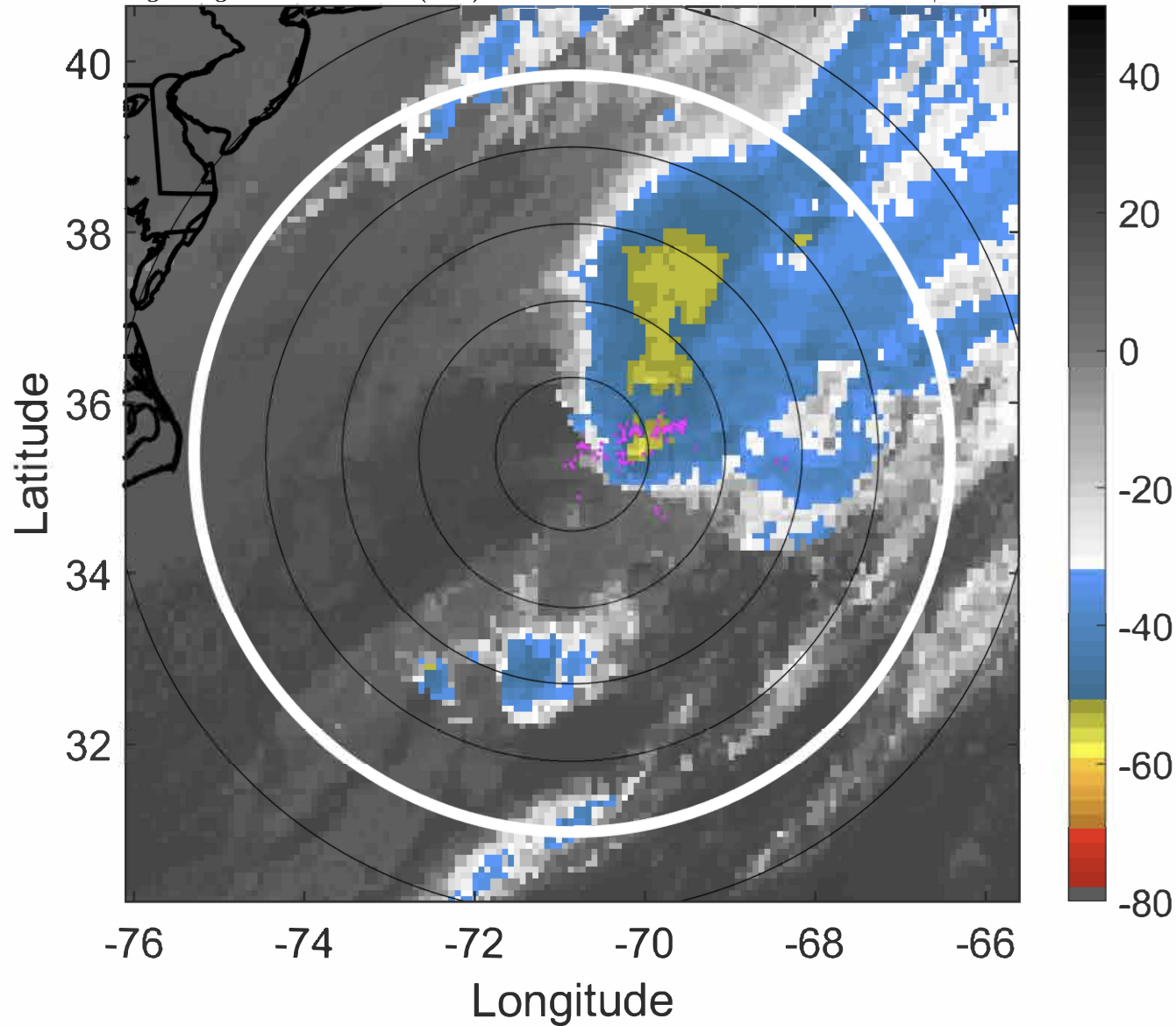
t: 2020111321 (16.3 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 37.5 kt EX

S: null | H: null



# 6-h IR BT Differences & Lightning

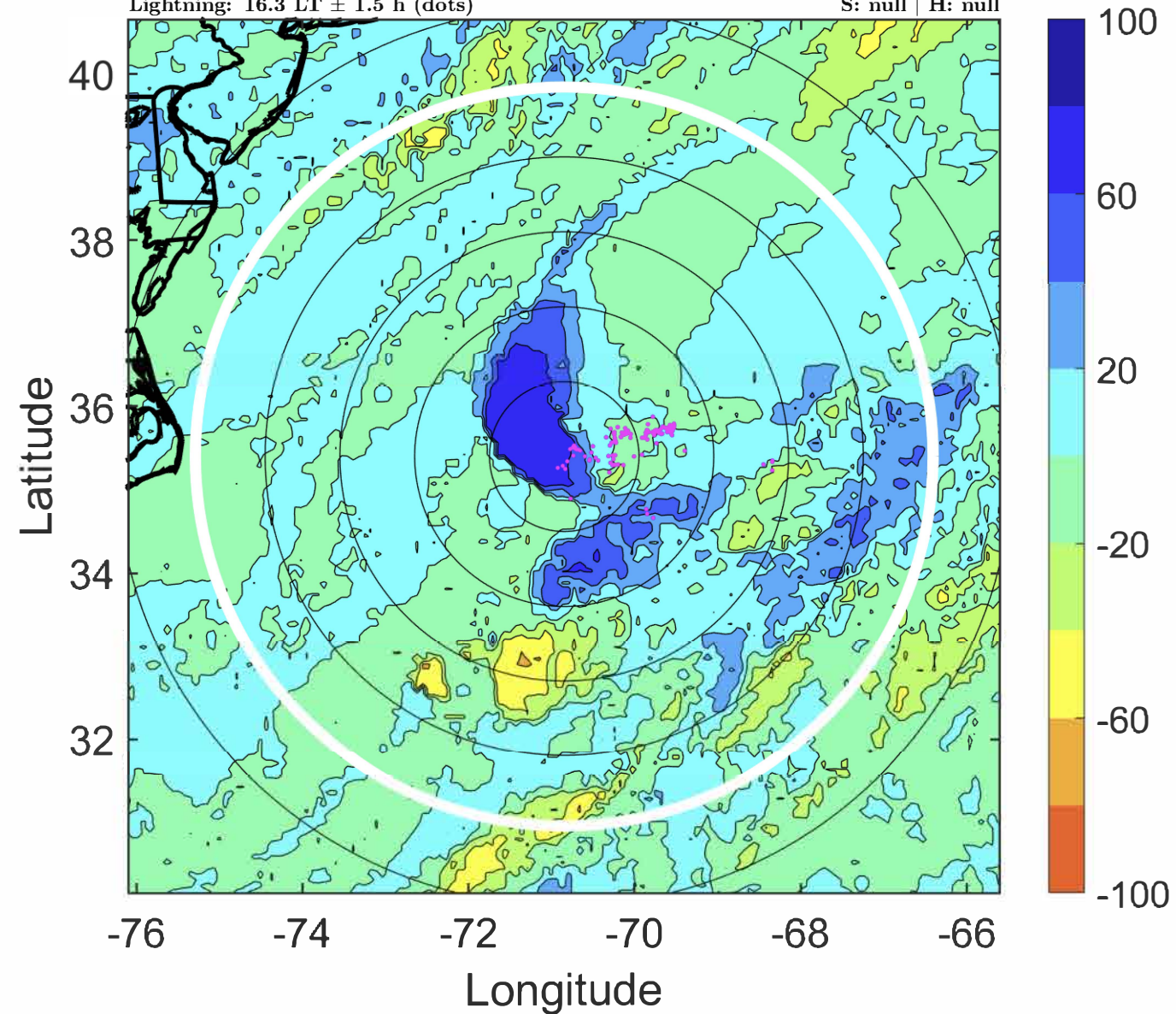
$\Delta$ t: 2020111321 (16.3 LT) - 2020111315 (10.1 LT)

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

PT: SLCP | EA: QUASI

29L (ETA) | 37.5 kt EX

S: null | H: null





# IR BT & Lightning

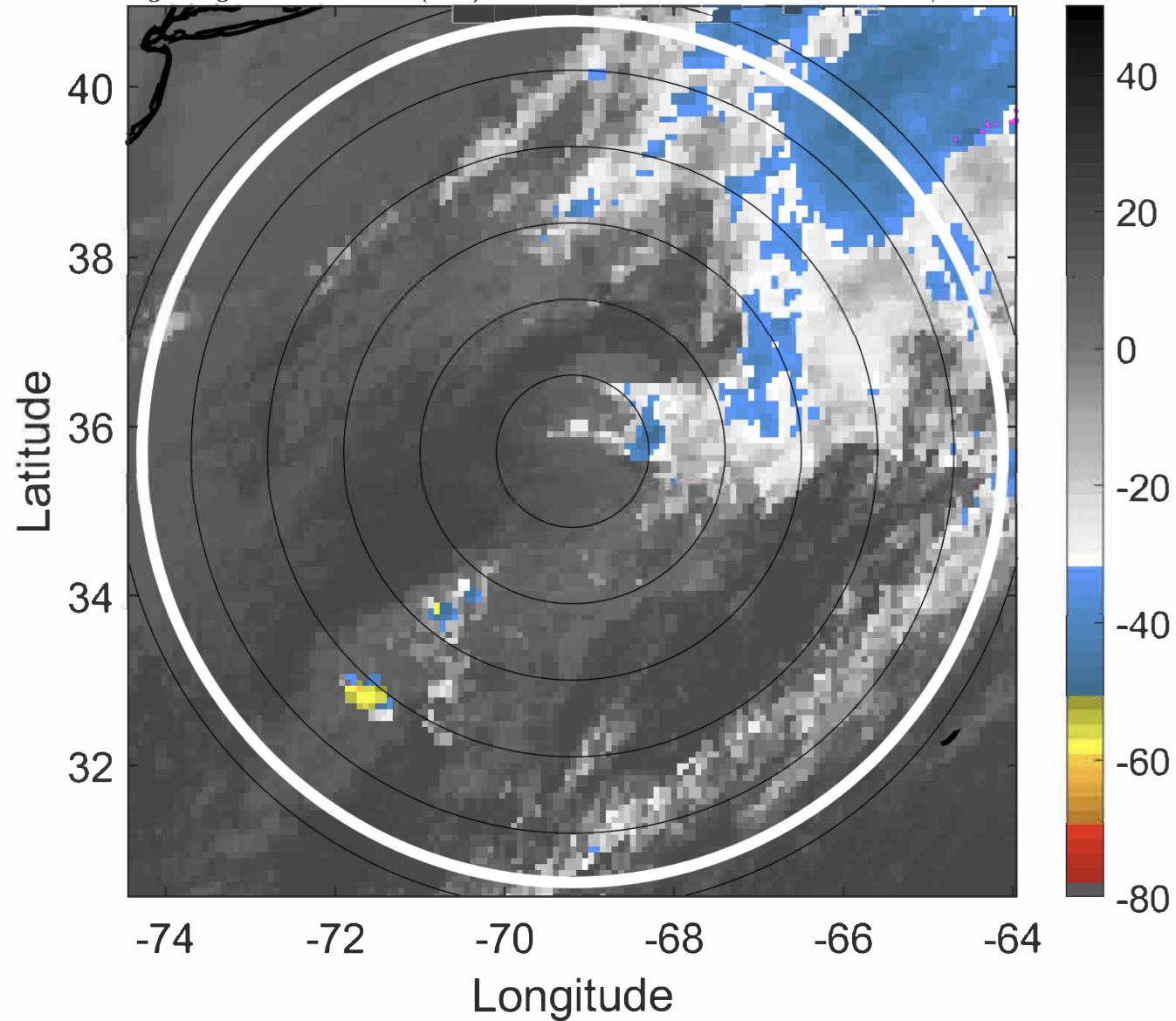
t: 2020111400 (19.4 LT)

Lightning: 19.4 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 35 kt EX

S: null | H: null



# 6-h IR BT Differences & Lightning

$\Delta$ t: 2020111400 (19.4 LT) - 2020111318 (13.2 LT)

Lightning: 19.4 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: QUASI

29L (ETA) | 35 kt EX

S: null | H: null

