

### IR BT & Lightning

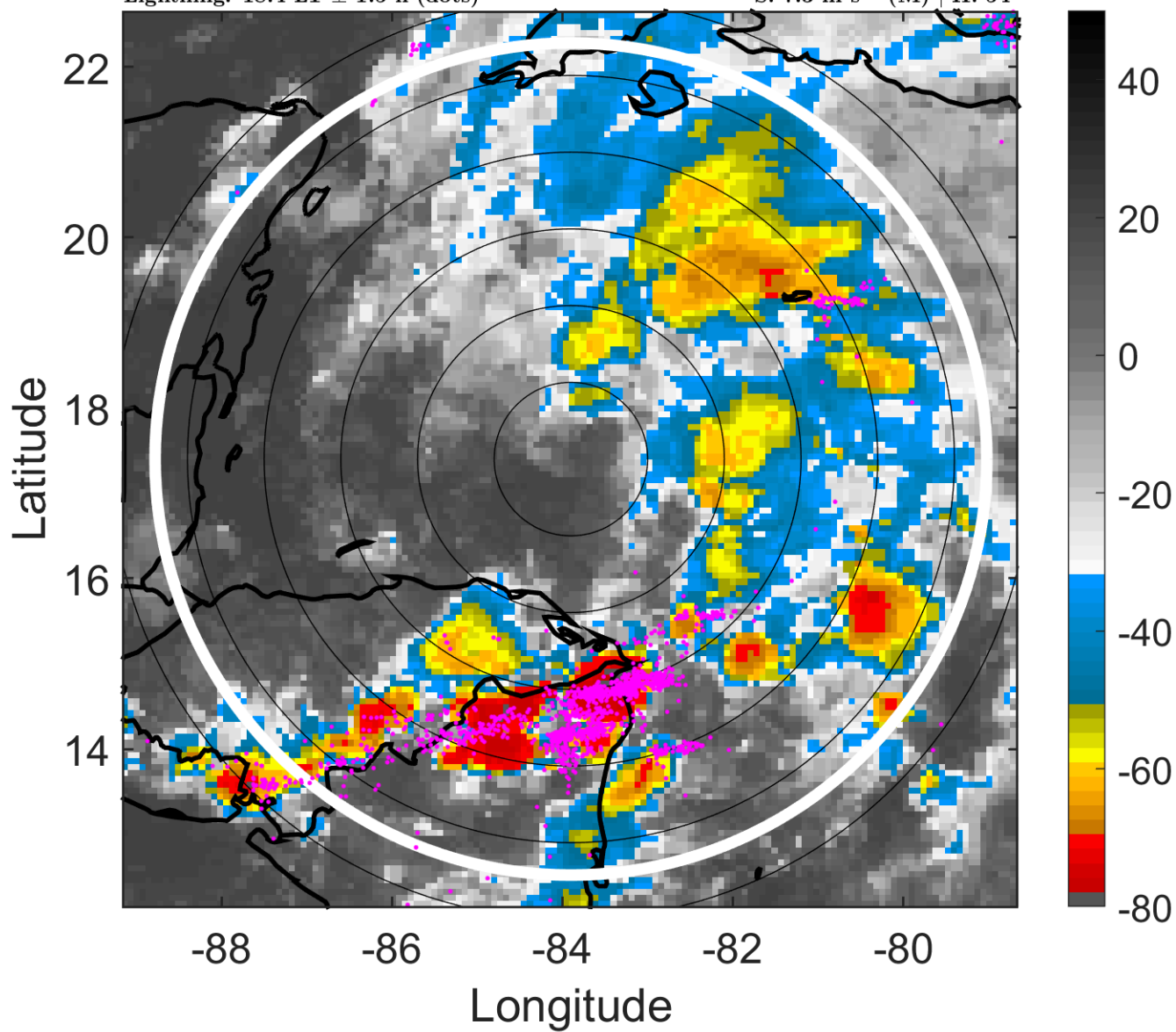
t: 2005060900 (18.4 LT)

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

PT: SLCP | EA: QUASI

01L (ARLENE) | 30 kt TD

S: 7.3 m s<sup>-1</sup> (M) | H: 54°



### 6-h IR BT Differences & Lightning

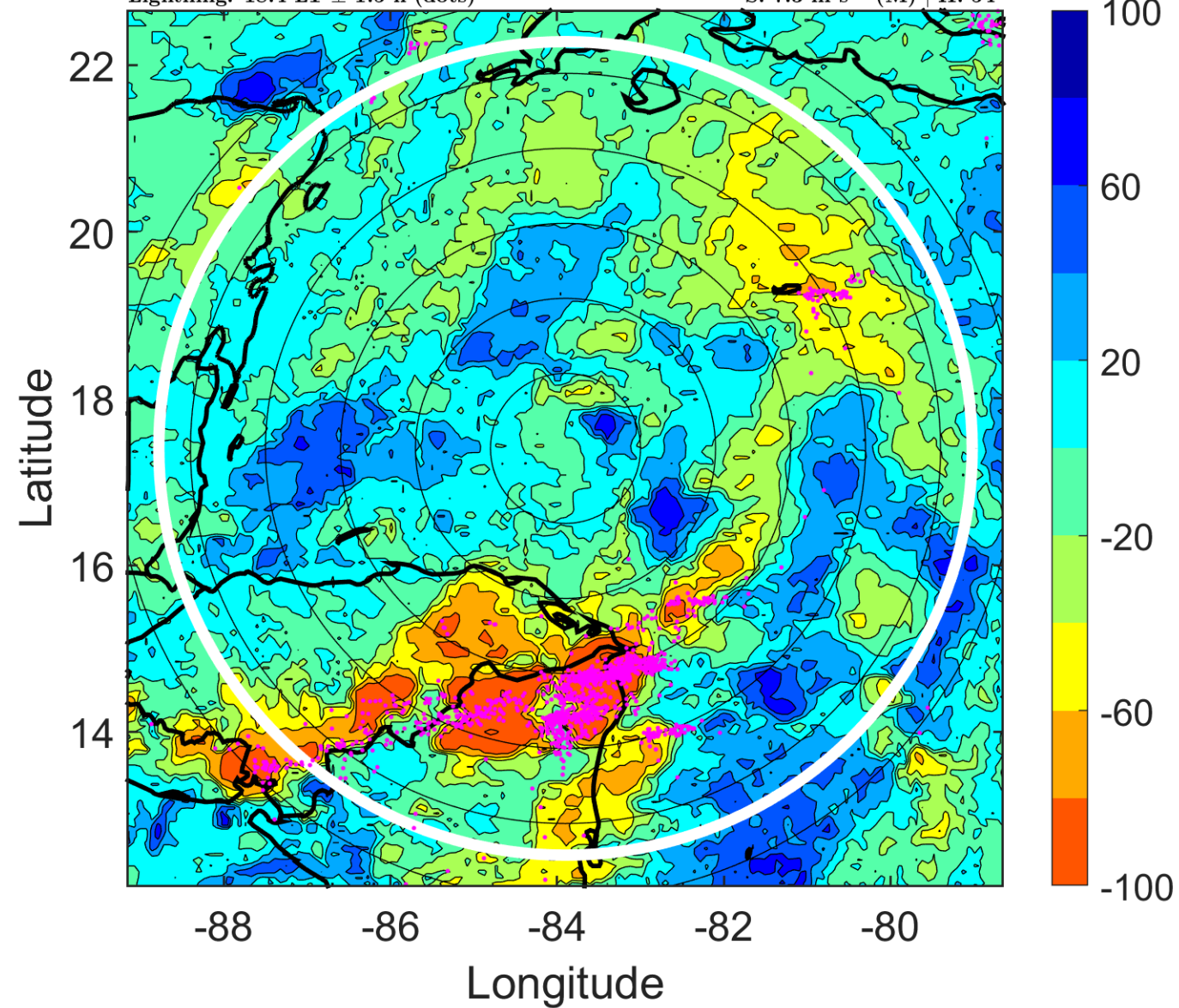
$\Delta$ t: 2005060900 (18.4 LT) - 2005060818 (12.4 LT)

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

PT: SLCP | EA: QUASI

01L (ARLENE) | 30 kt TD

S: 7.3 m s<sup>-1</sup> (M) | H: 54°



### IR BT & Lightning

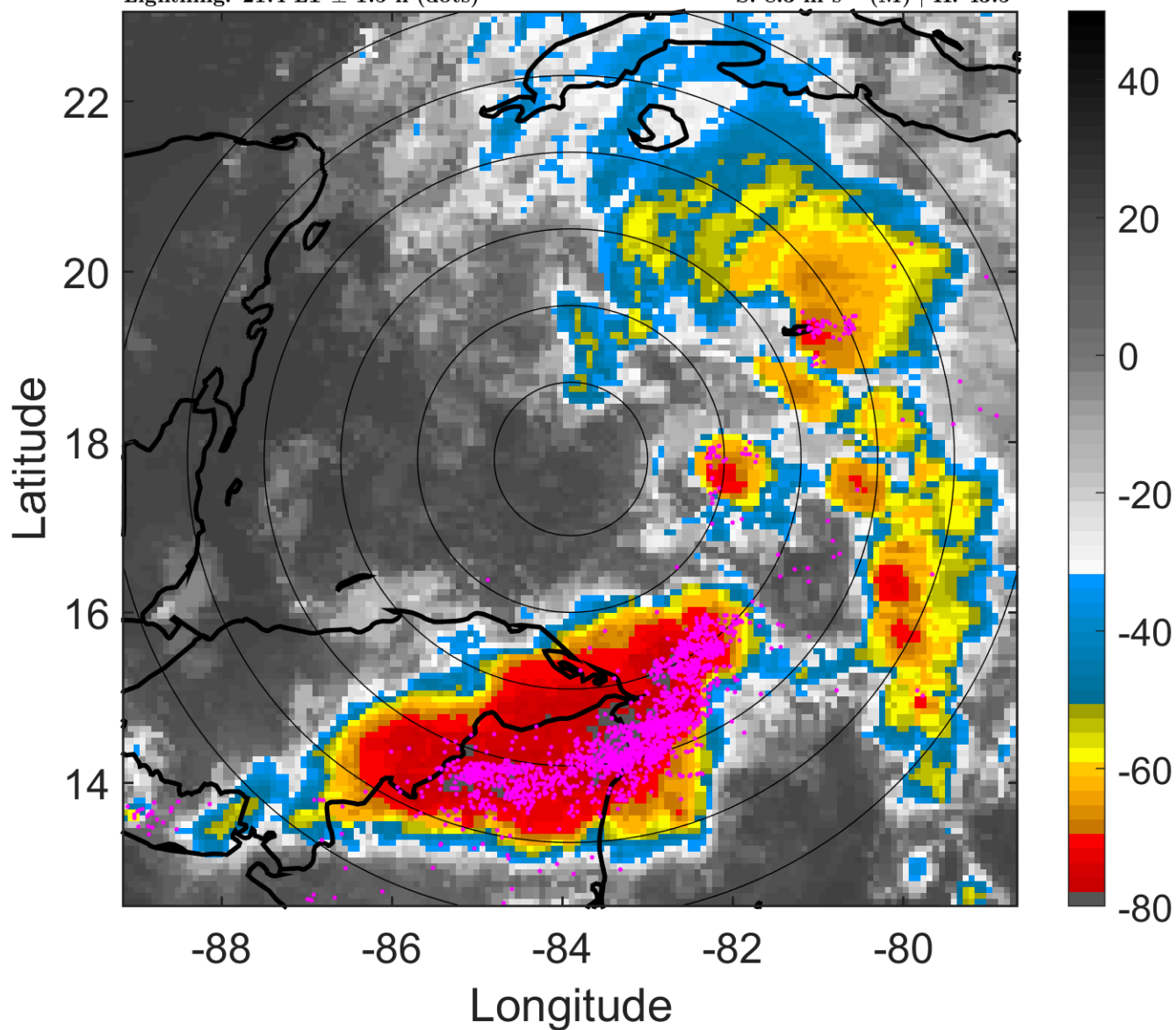
t: 2005060903 (21.4 LT)

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

PT: SLCP | EA: QUASI

01L (ARLENE) | 32.5 kt TD

S: 8.3 m s<sup>-1</sup> (M) | H: 43.5°



### 6-h IR BT Differences & Lightning

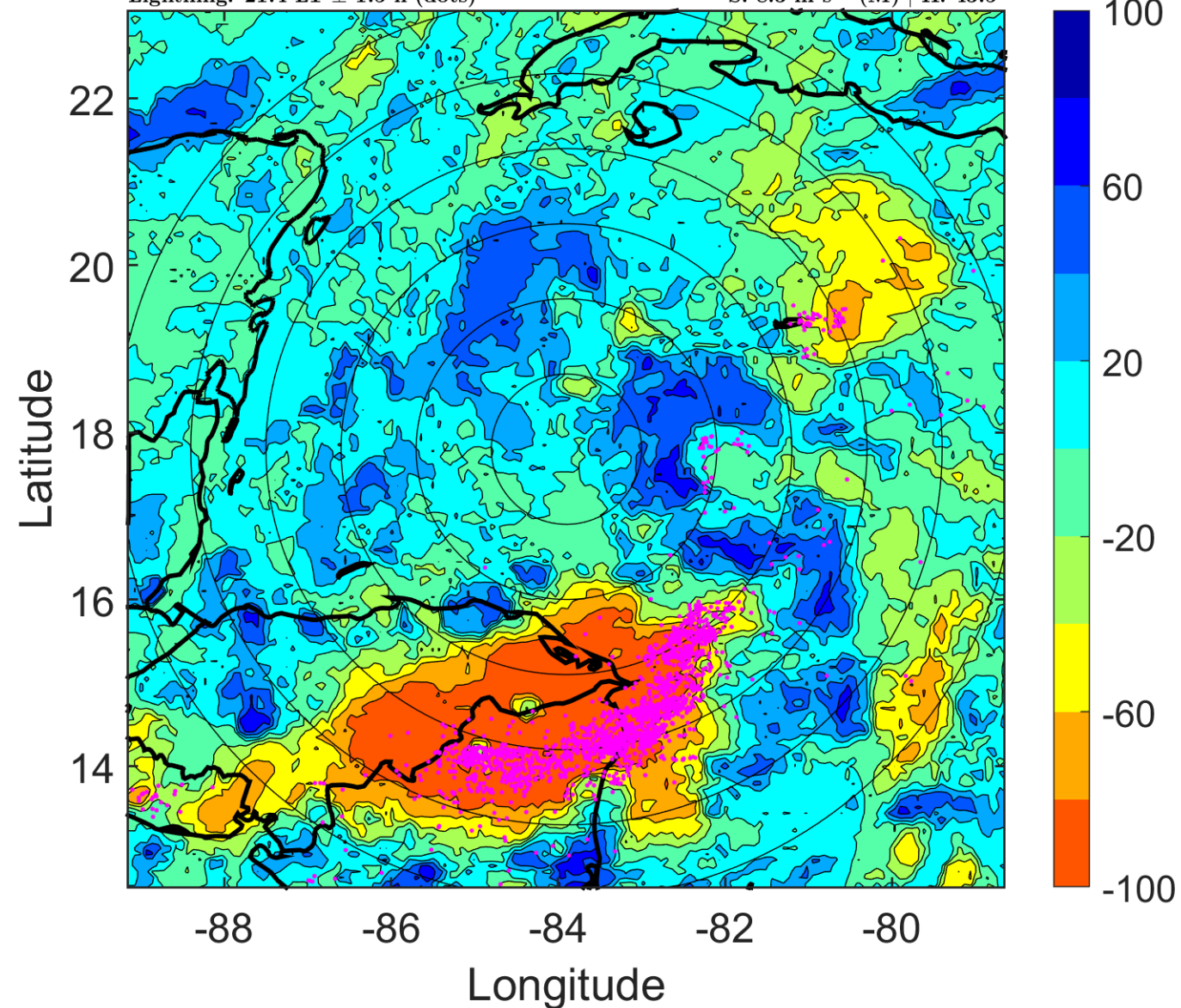
$\Delta$ t: 2005060903 (21.4 LT) - 2005060821 (15.4 LT)

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

PT: SLCP | EA: QUASI

01L (ARLENE) | 32.5 kt TD

S: 8.3 m s<sup>-1</sup> (M) | H: 43.5°





### IR BT & Lightning

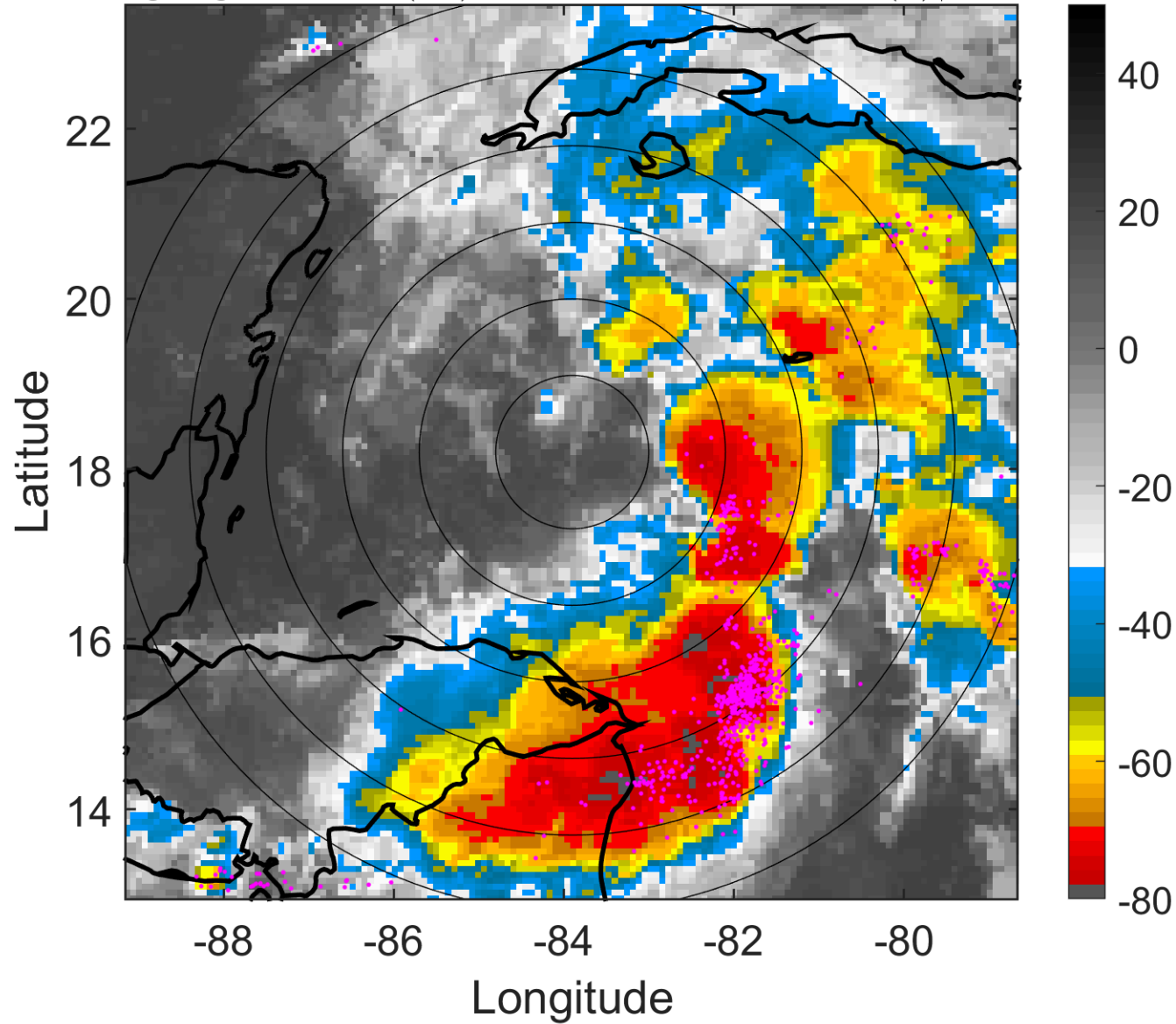
t: 2005060906 (0.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 9.3 m s<sup>-1</sup> (M) | H: 33°



### 6-h IR BT Differences & Lightning

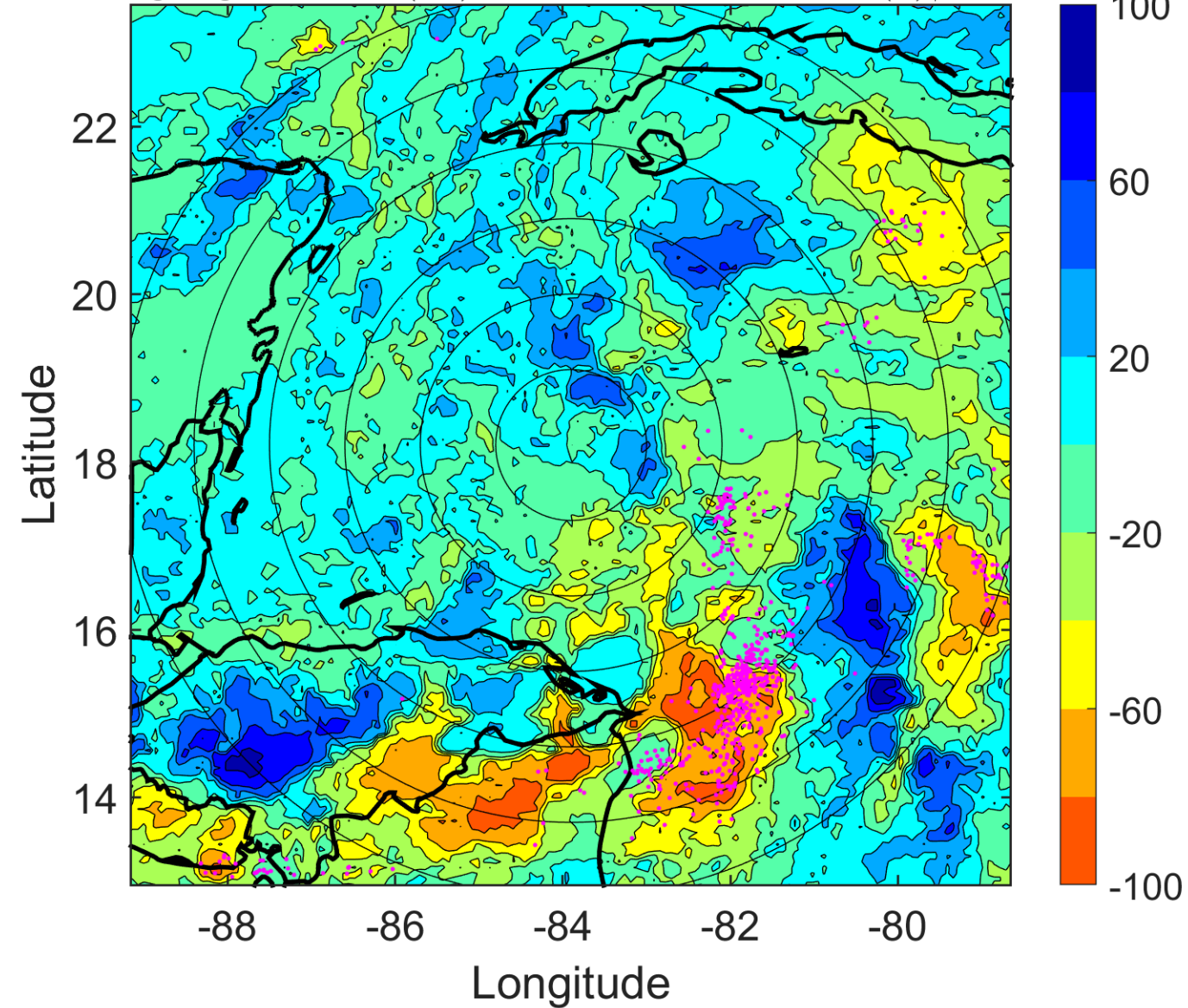
$\Delta$ t: 2005060906 (0.4 LT) - 2005060900 (18.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 9.3 m s<sup>-1</sup> (M) | H: 33°



### IR BT & Lightning

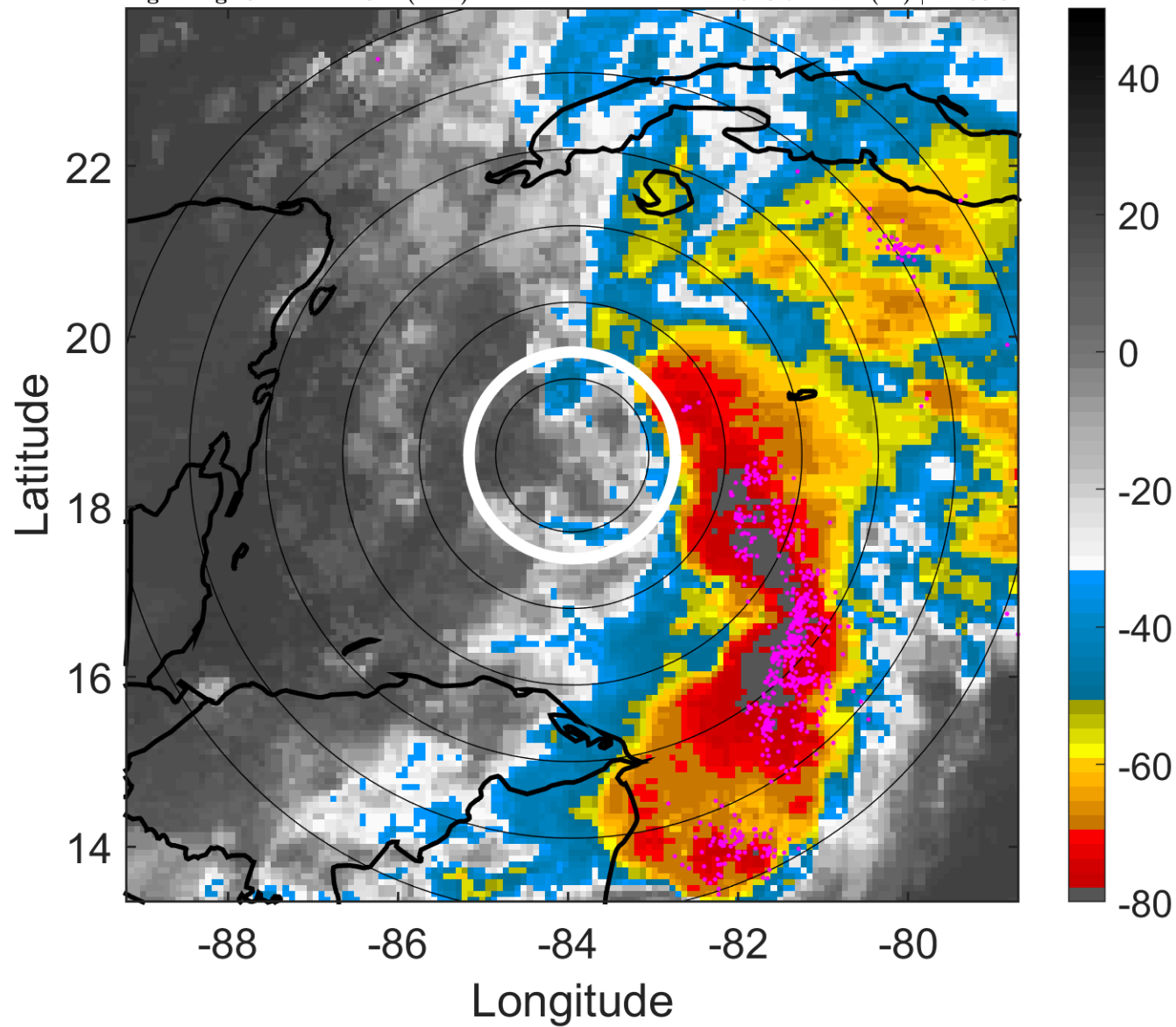
t: 2005060909 (3.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 9.7 m s<sup>-1</sup> (M) | H: 38.5°



### 6-h IR BT Differences & Lightning

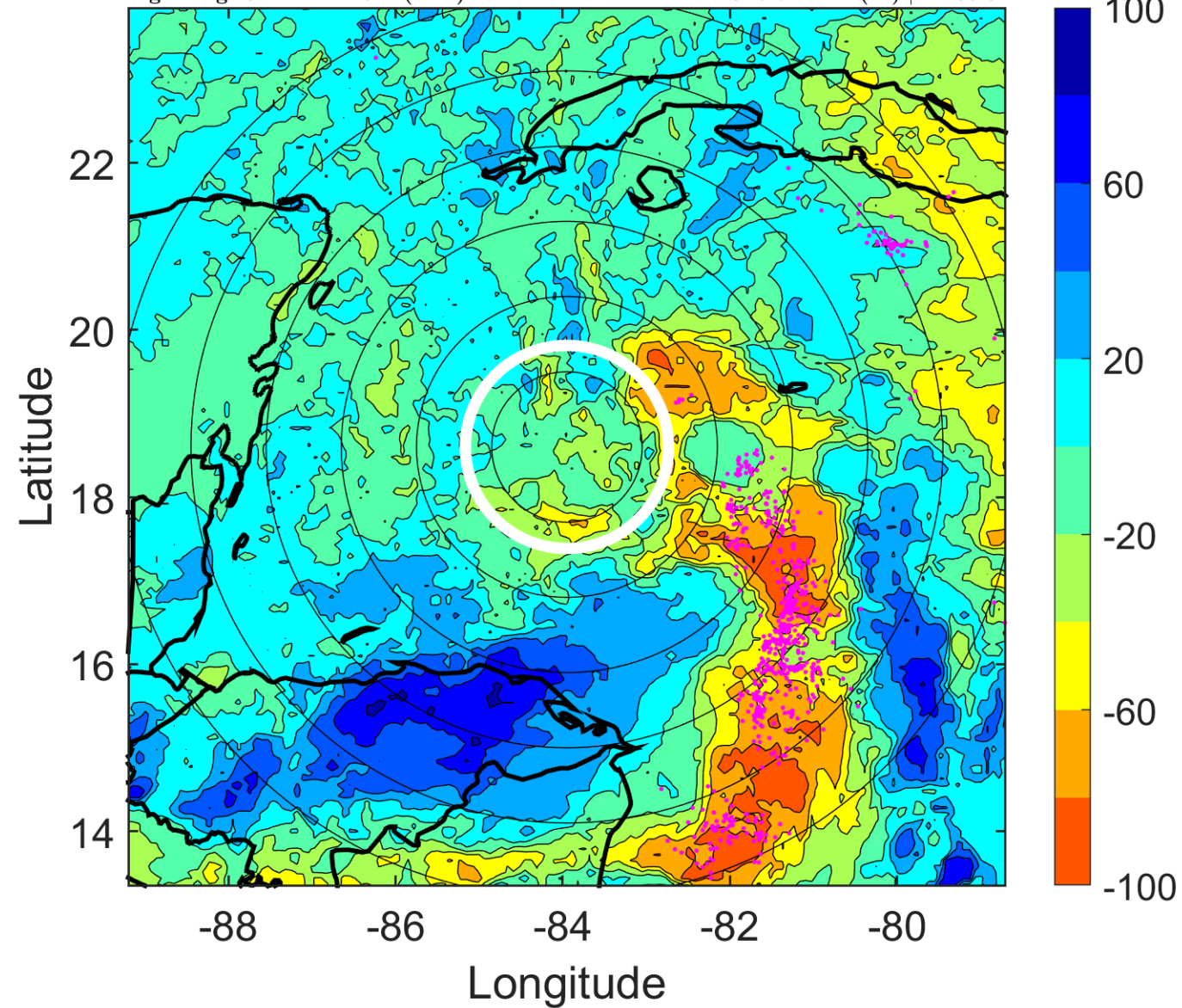
$\Delta$ t: 2005060909 (3.4 LT) - 2005060903 (21.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 9.7 m s<sup>-1</sup> (M) | H: 38.5°





### IR BT & Lightning

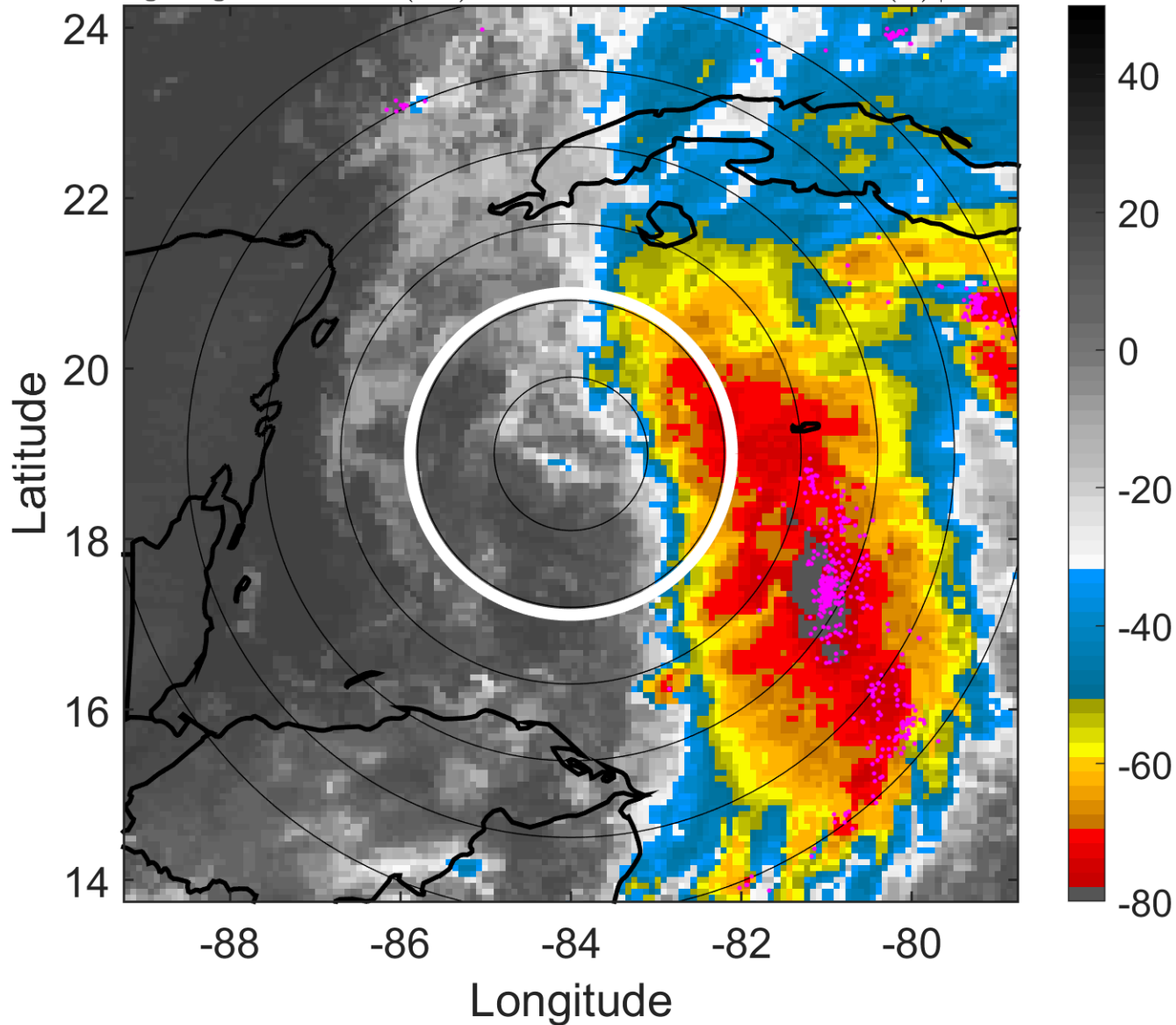
t: 2005060912 (6.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 10.1 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

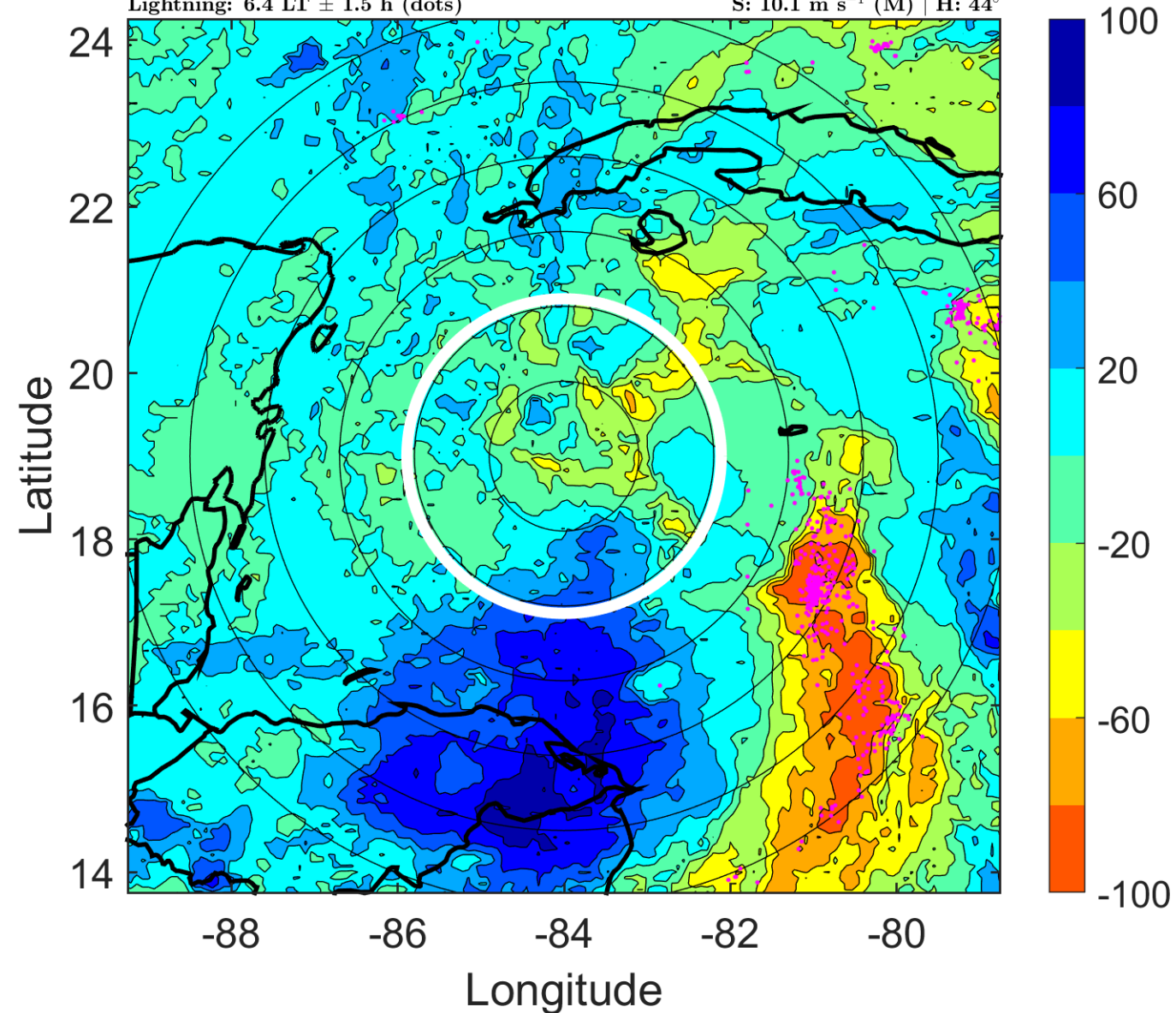
$\Delta$ t: 2005060912 (6.4 LT) - 2005060906 (0.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 10.1 m s<sup>-1</sup> (M) | H: 44°



### IR BT & Lightning

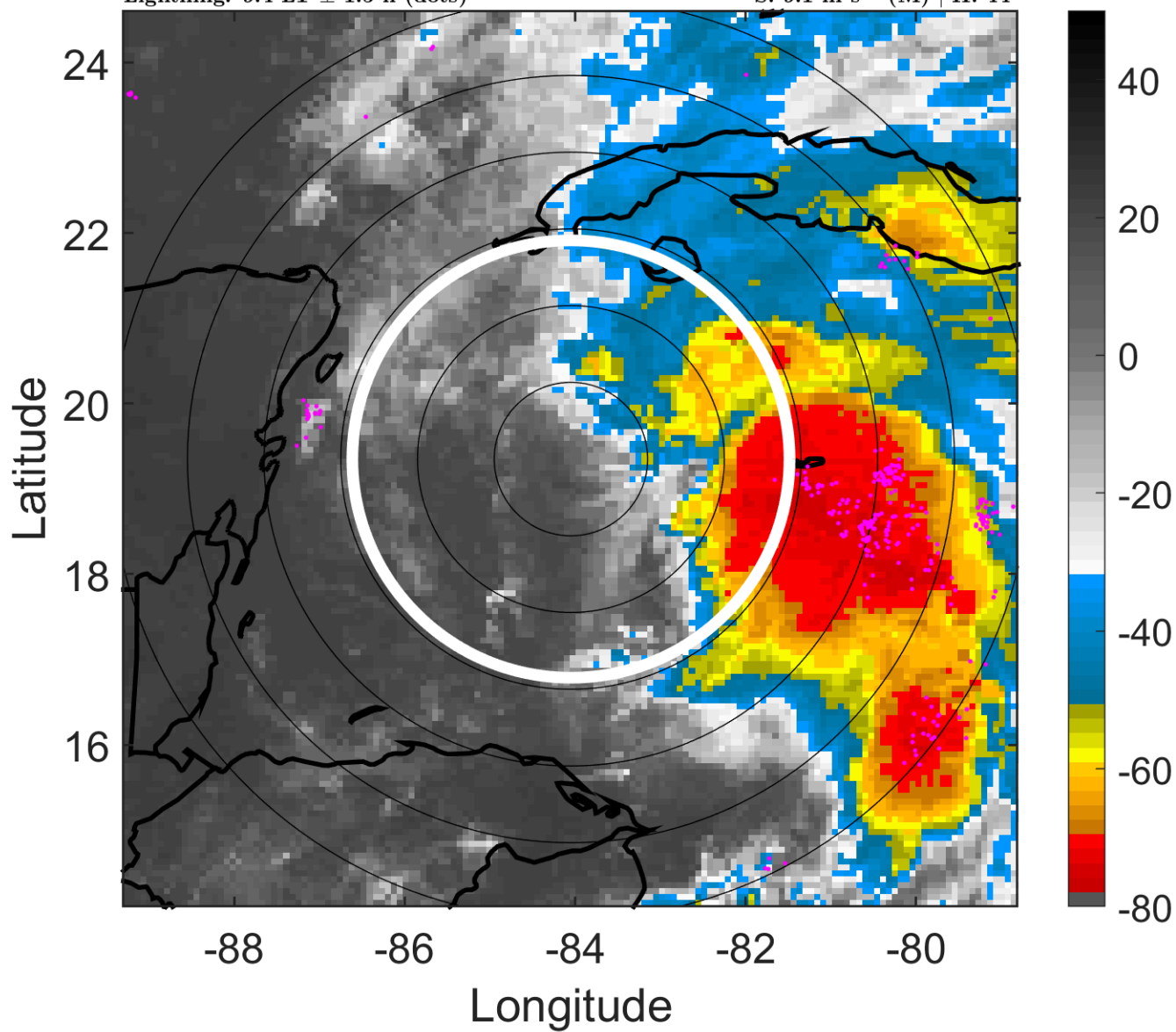
t: 2005060915 (9.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 9.1 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

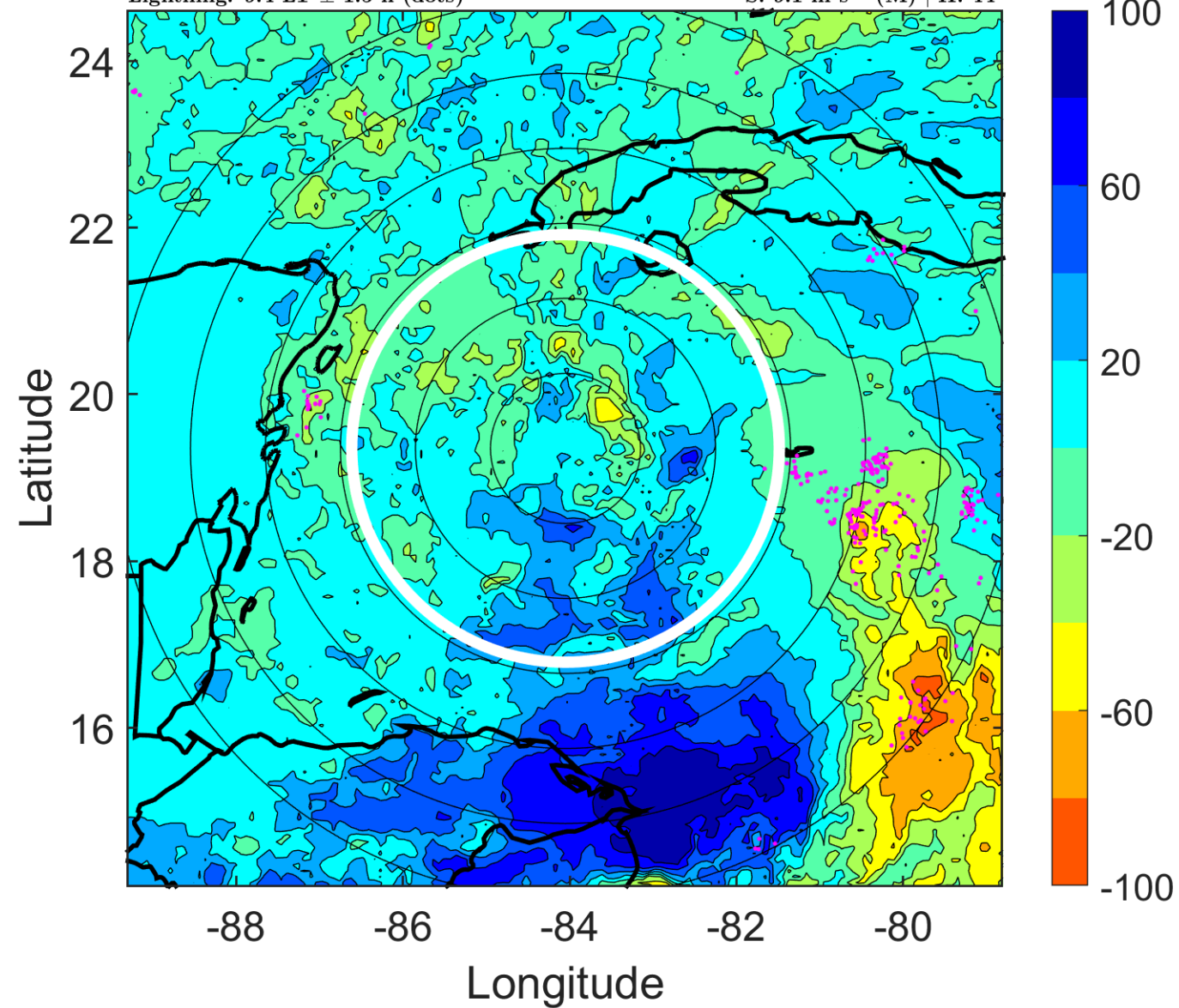
$\Delta$ t: 2005060915 (9.4 LT) - 2005060909 (3.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 9.1 m s<sup>-1</sup> (M) | H: 44°





### IR BT & Lightning

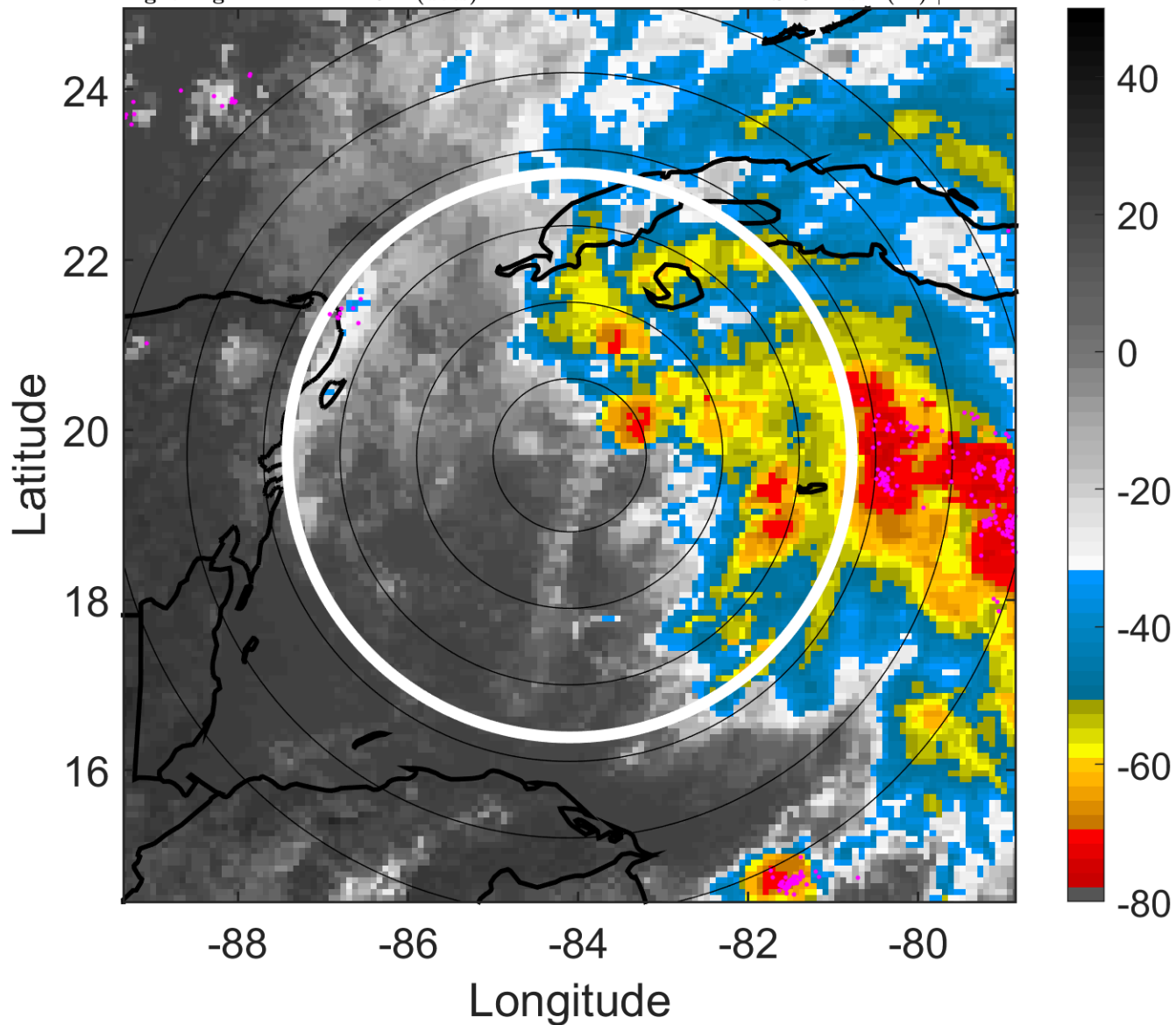
t: 2005060918 (12.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 8 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

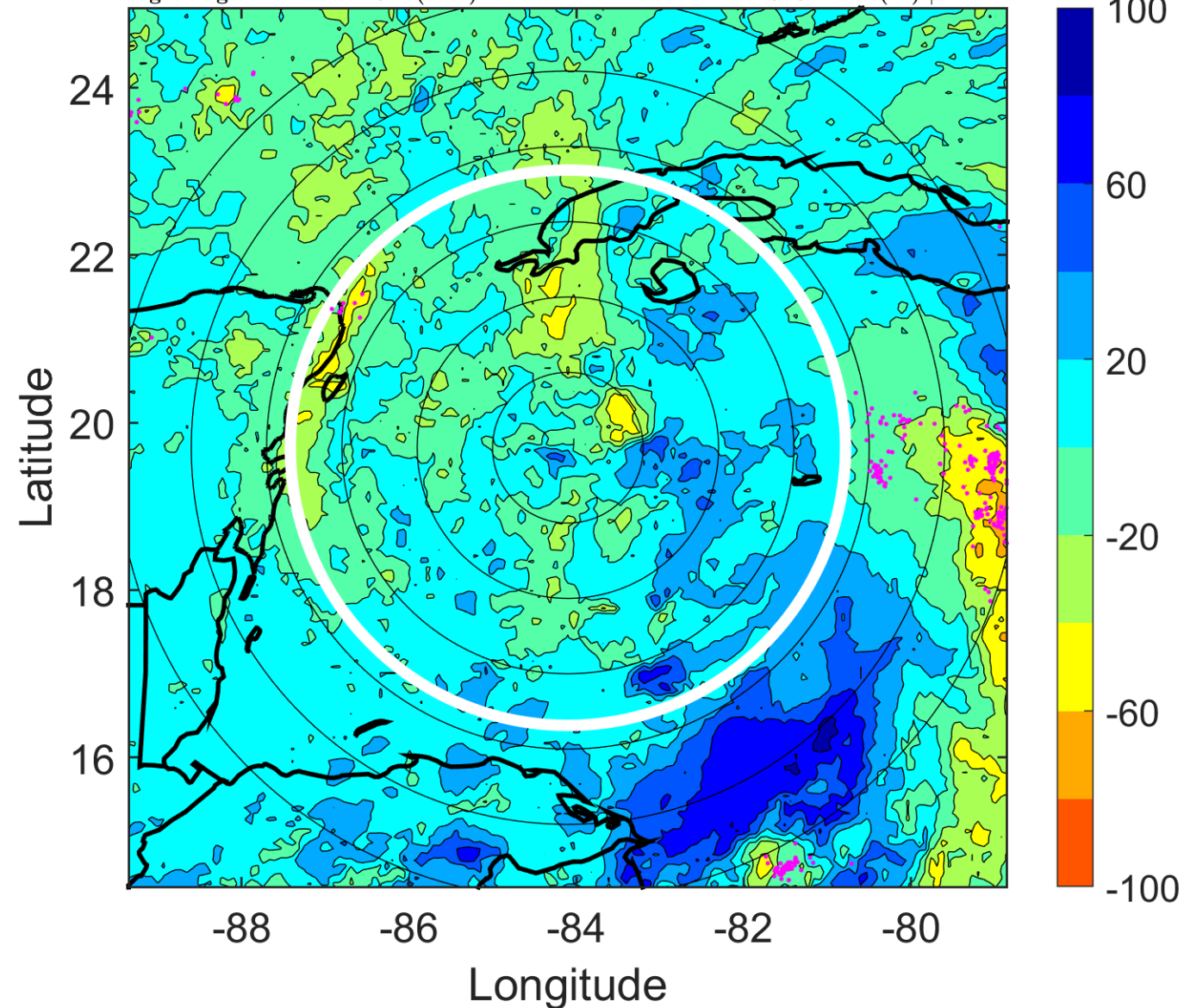
$\Delta$ t: 2005060918 (12.4 LT) - 2005060912 (6.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 8 m s<sup>-1</sup> (M) | H: 44°



### IR BT & Lightning

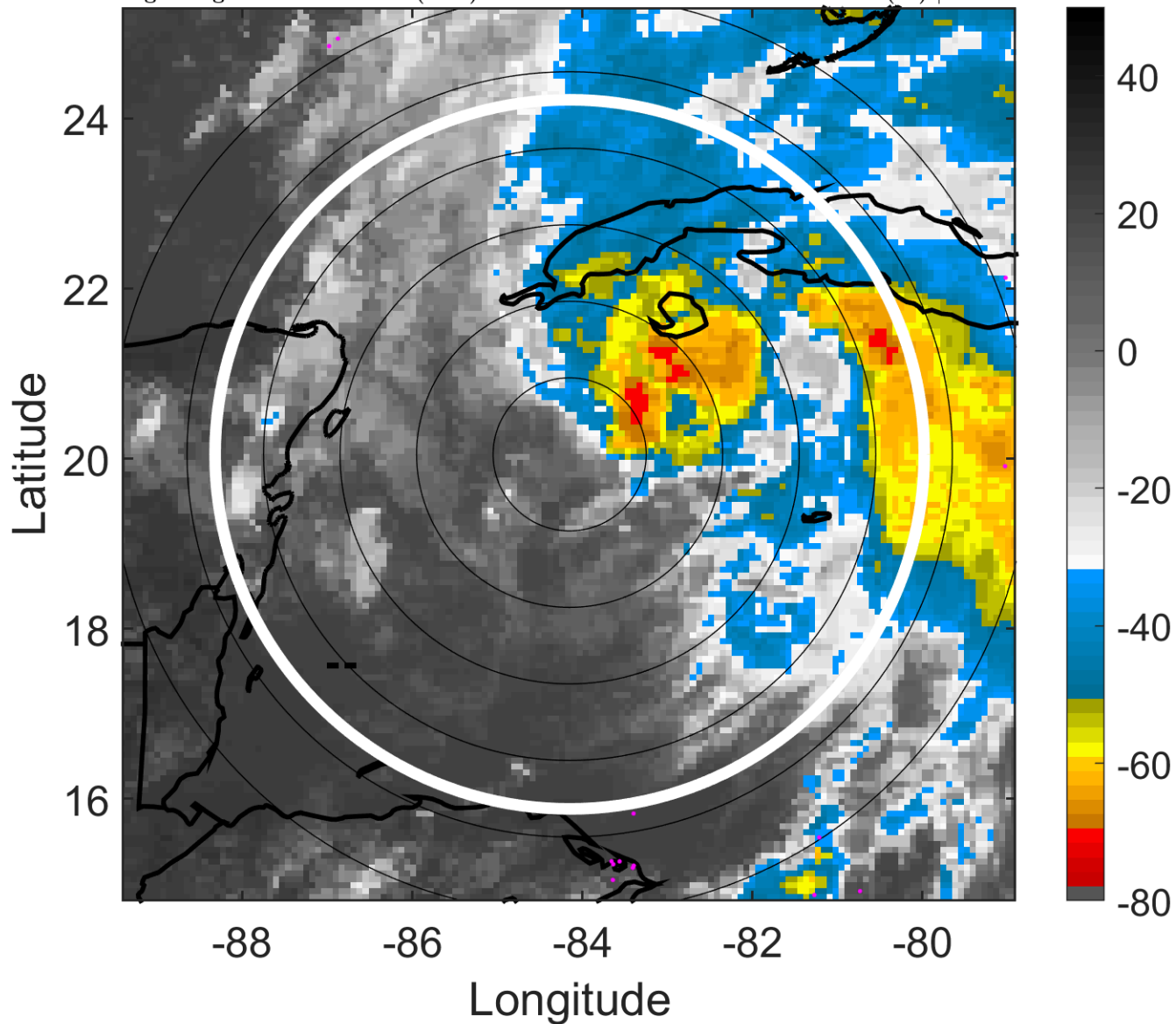
t: 2005060921 (15.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 37.5 kt TS

S: 8.8 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

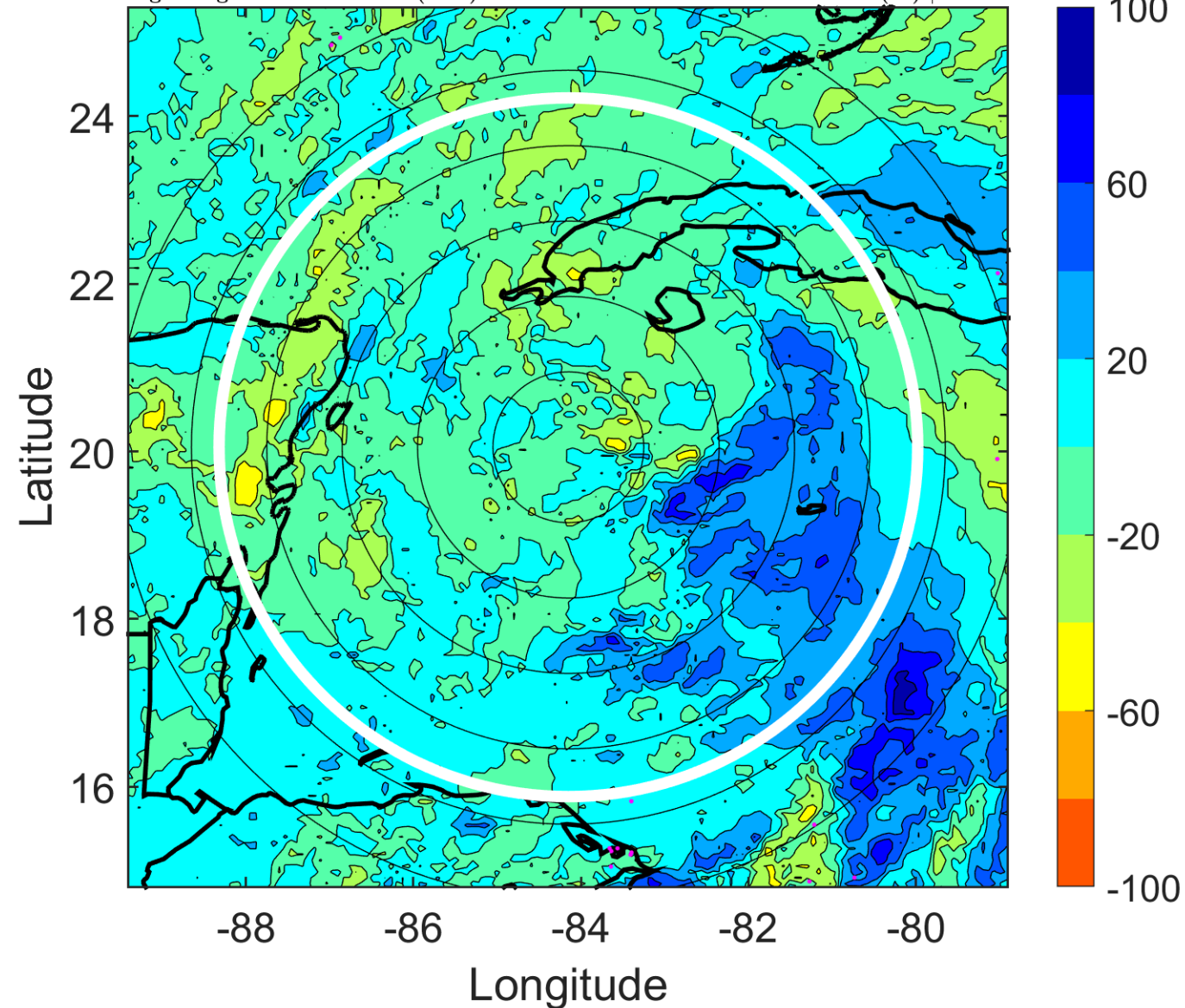
$\Delta$ t: 2005060921 (15.4 LT) - 2005060915 (9.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 37.5 kt TS

S: 8.8 m s<sup>-1</sup> (M) | H: 44°





### IR BT & Lightning

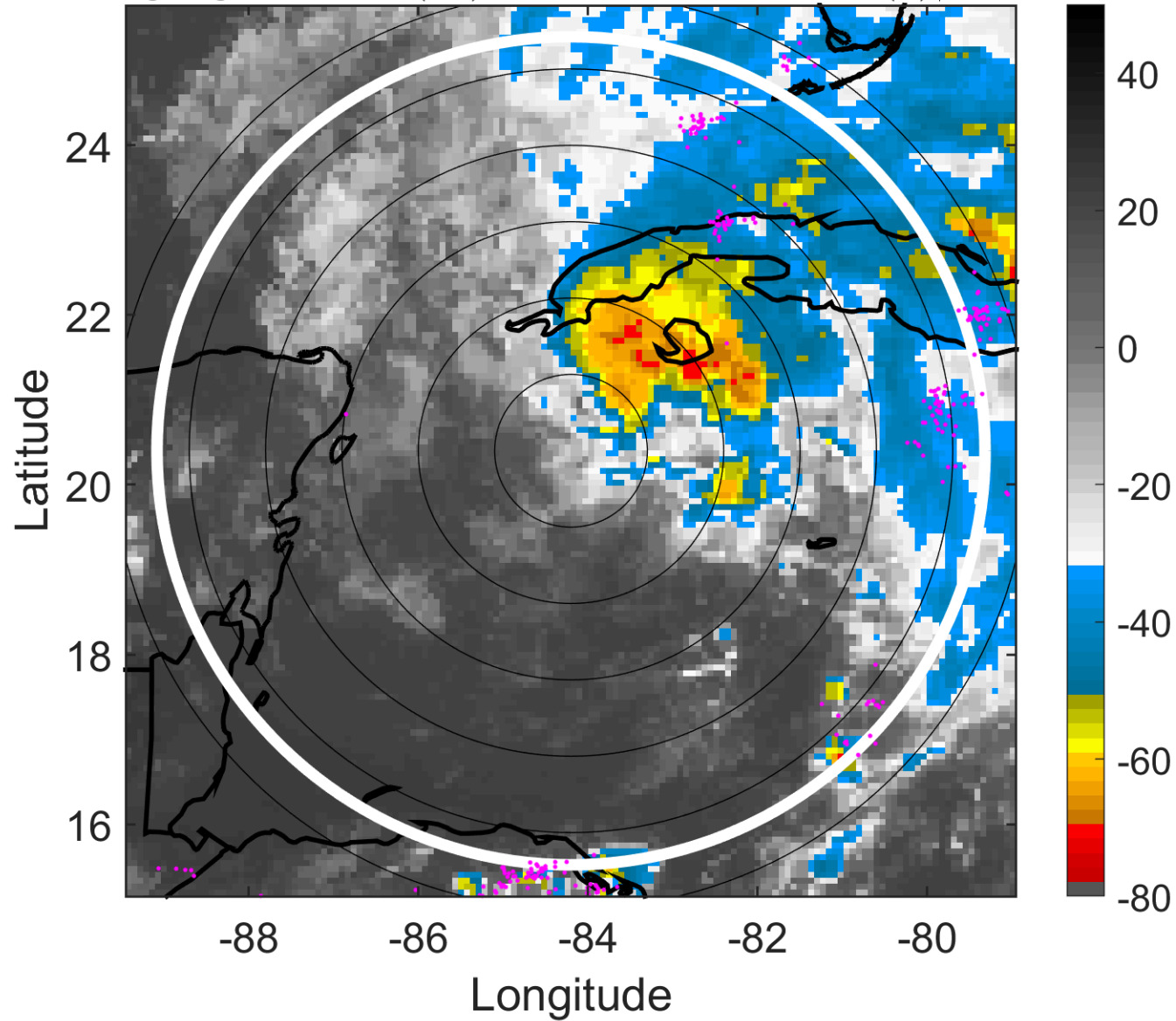
t: 2005061000 (18.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt TS

S: 9.7 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

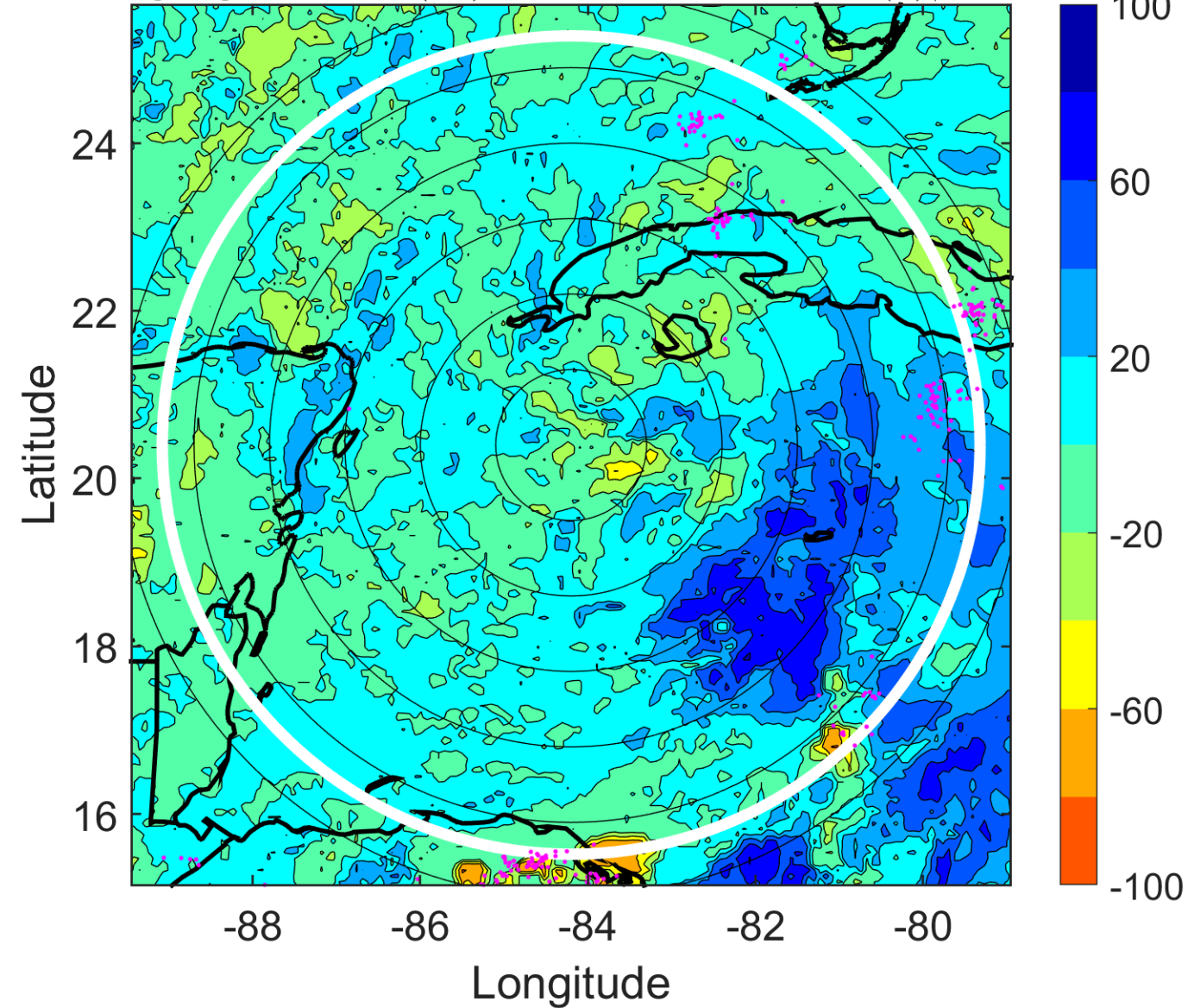
$\Delta$ t: 2005061000 (18.4 LT) - 2005060918 (12.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt TS

S: 9.7 m s<sup>-1</sup> (M) | H: 44°



### IR BT & Lightning

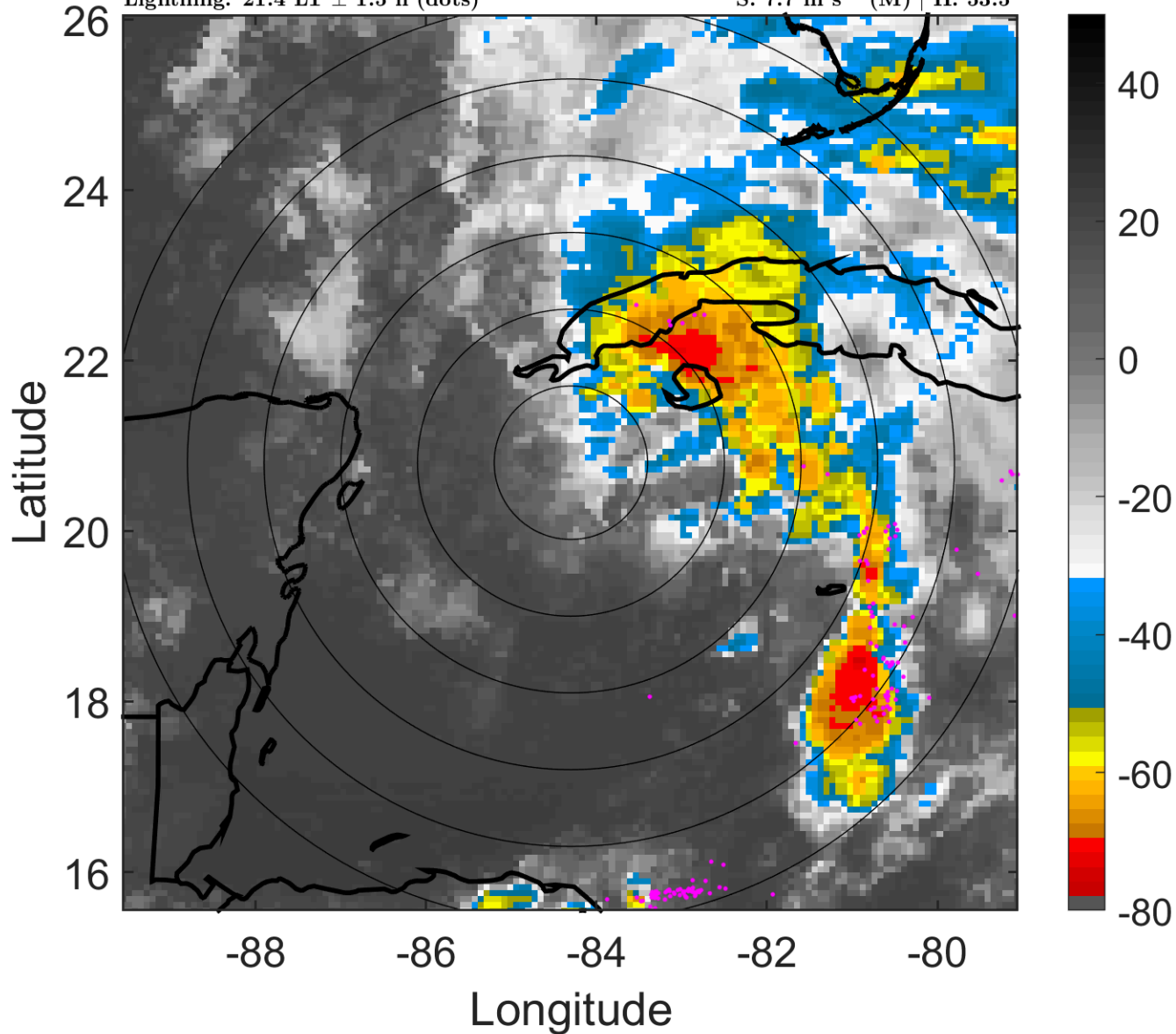
t: 2005061003 (21.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 42.5 kt TS

S: 7.7 m s<sup>-1</sup> (M) | H: 53.5°



### 6-h IR BT Differences & Lightning

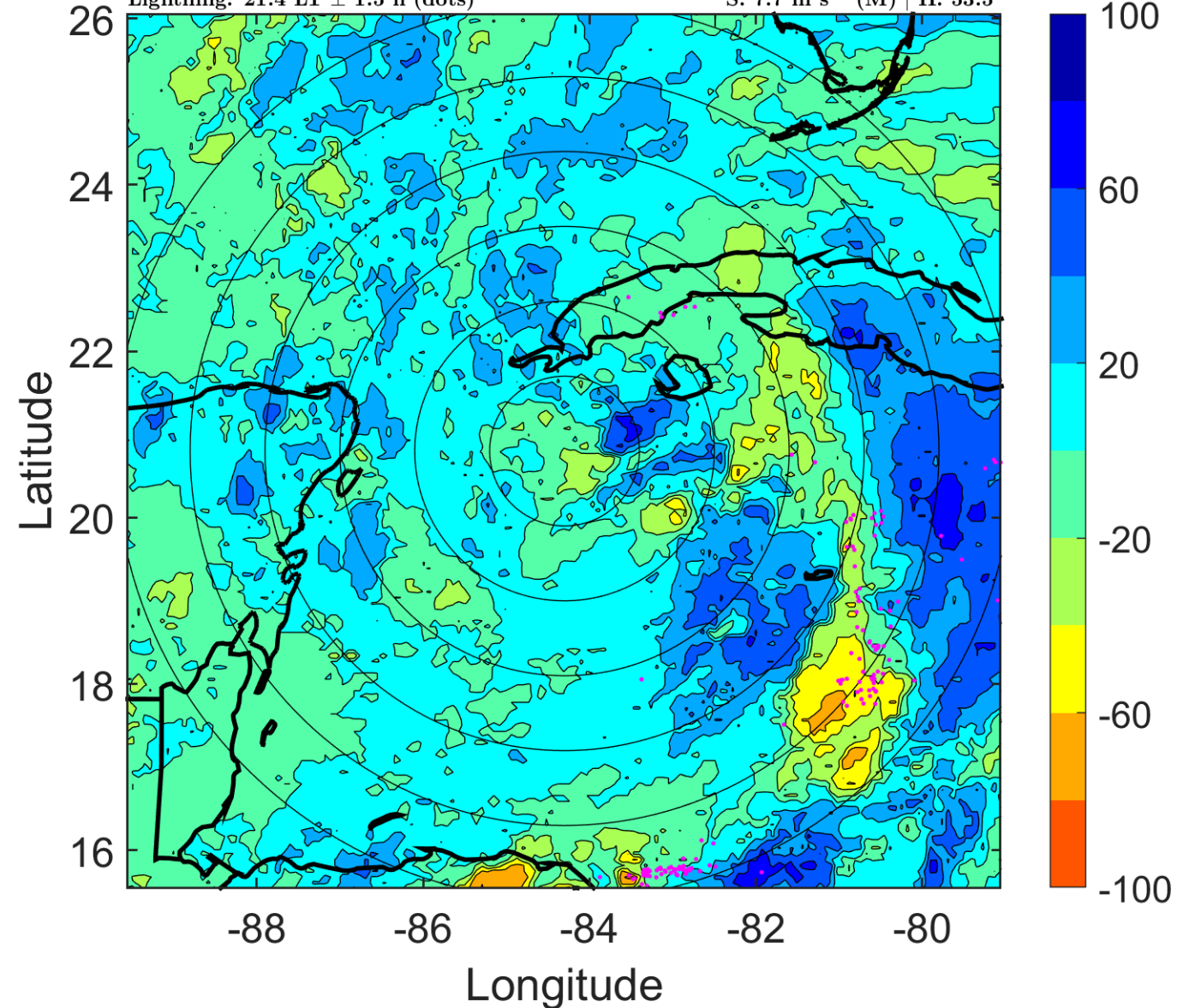
$\Delta$ t: 2005061003 (21.4 LT) - 2005060921 (15.4 LT)

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

PT: LLCP | EA: INACT

01L (ARLENE) | 42.5 kt TS

S: 7.7 m s<sup>-1</sup> (M) | H: 53.5°





### IR BT & Lightning

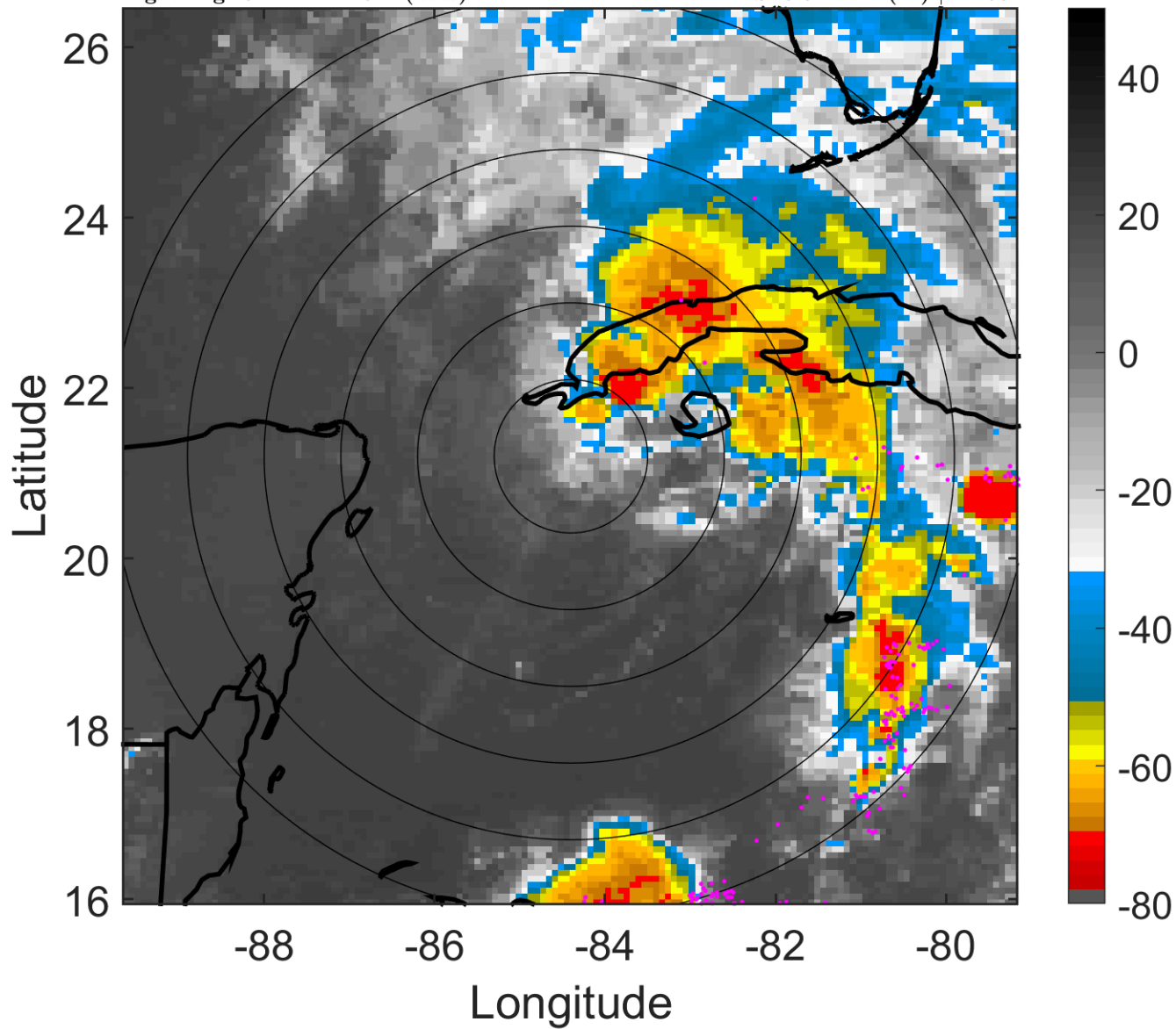
t: 2005061006 (0.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 45 kt TS

S: 5.8 m s<sup>-1</sup> (M) | H: 63°



### 6-h IR BT Differences & Lightning

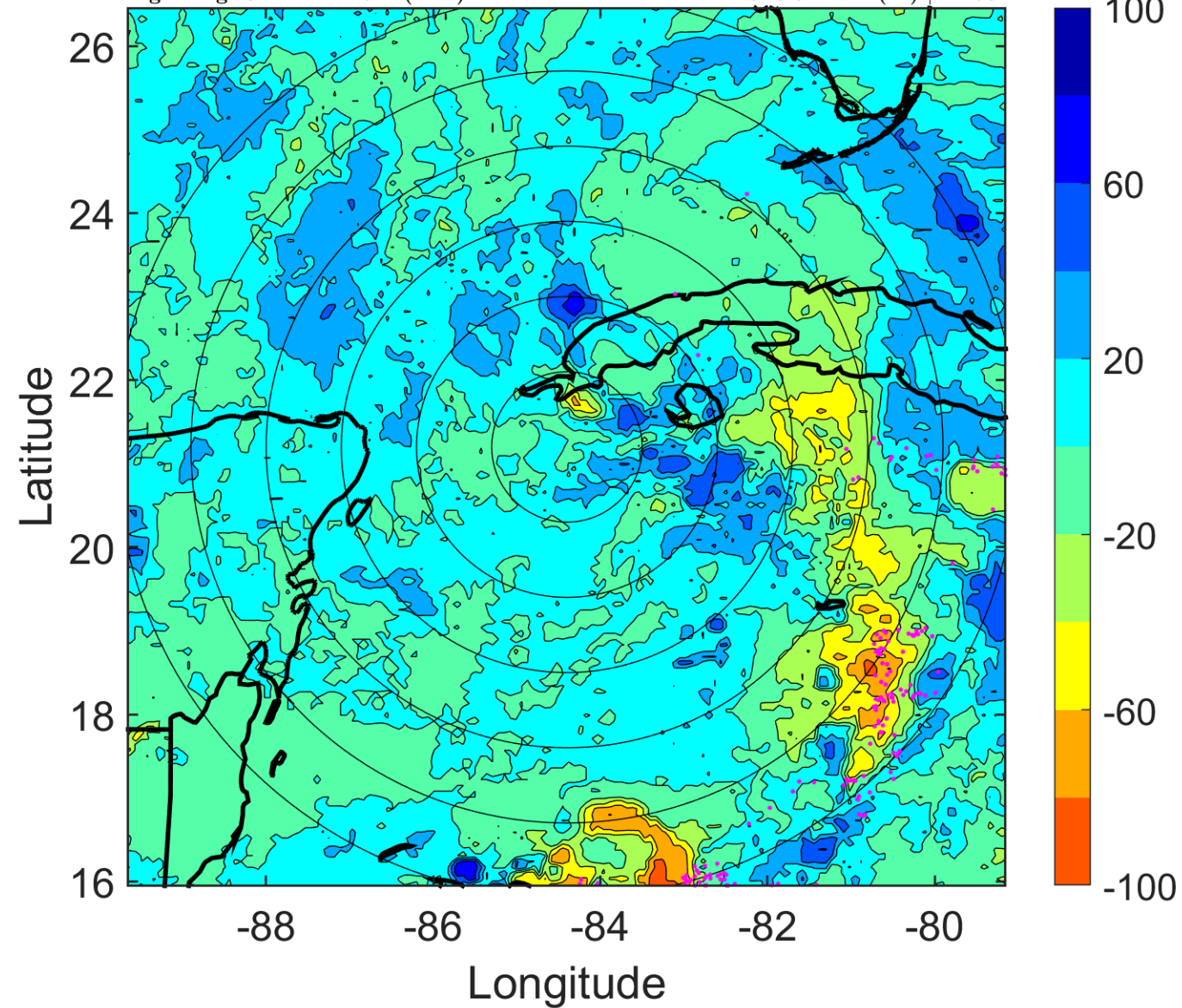
$\Delta$ t: 2005061006 (0.4 LT) - 2005061000 (18.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 45 kt TS

S: 5.8 m s<sup>-1</sup> (M) | H: 63°



### IR BT & Lightning

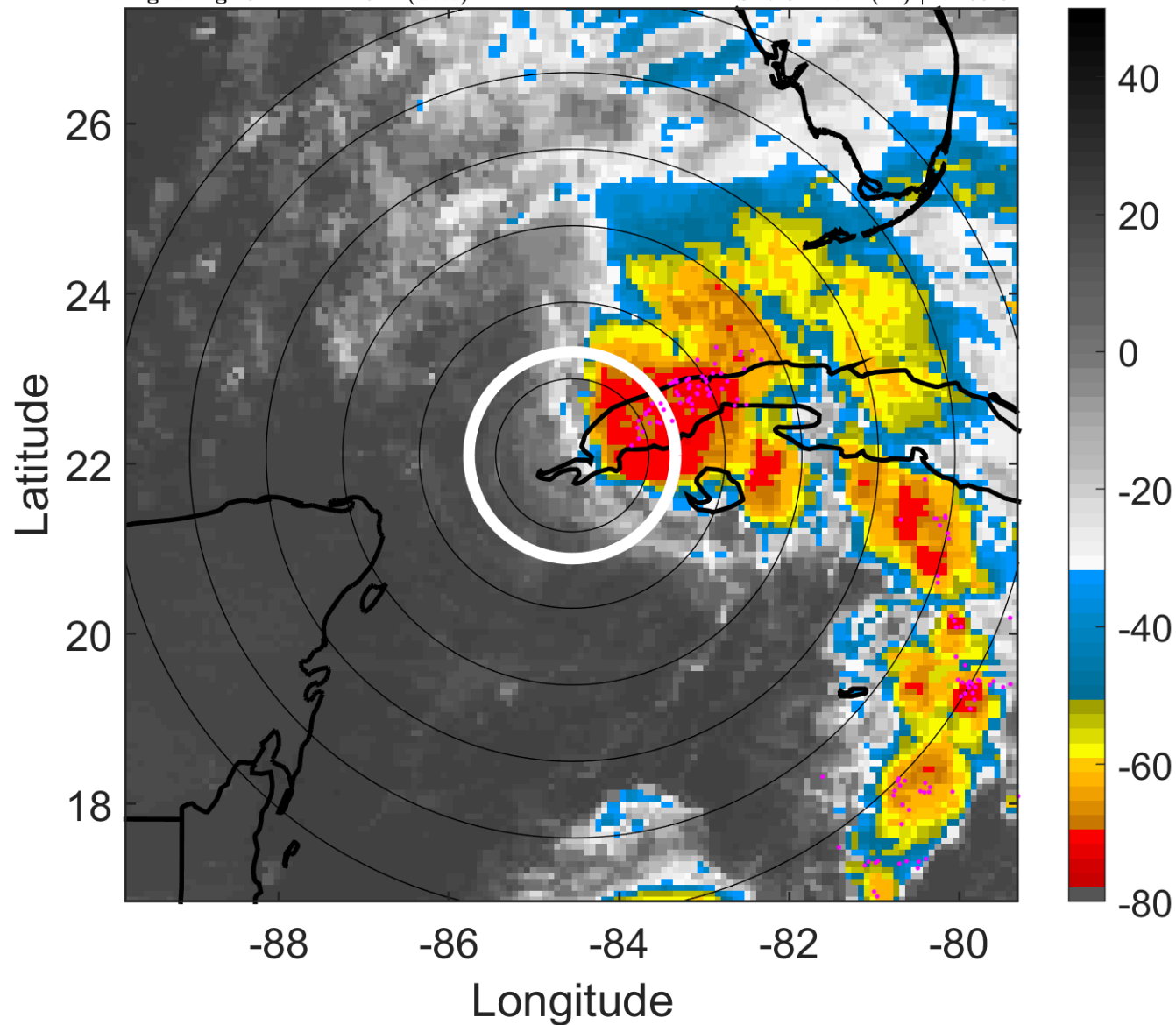
t: 2005061009 (3.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 47.5 kt TS

S: 7.6 m s<sup>-1</sup> (M) | H: 59.5°



### 6-h IR BT Differences & Lightning

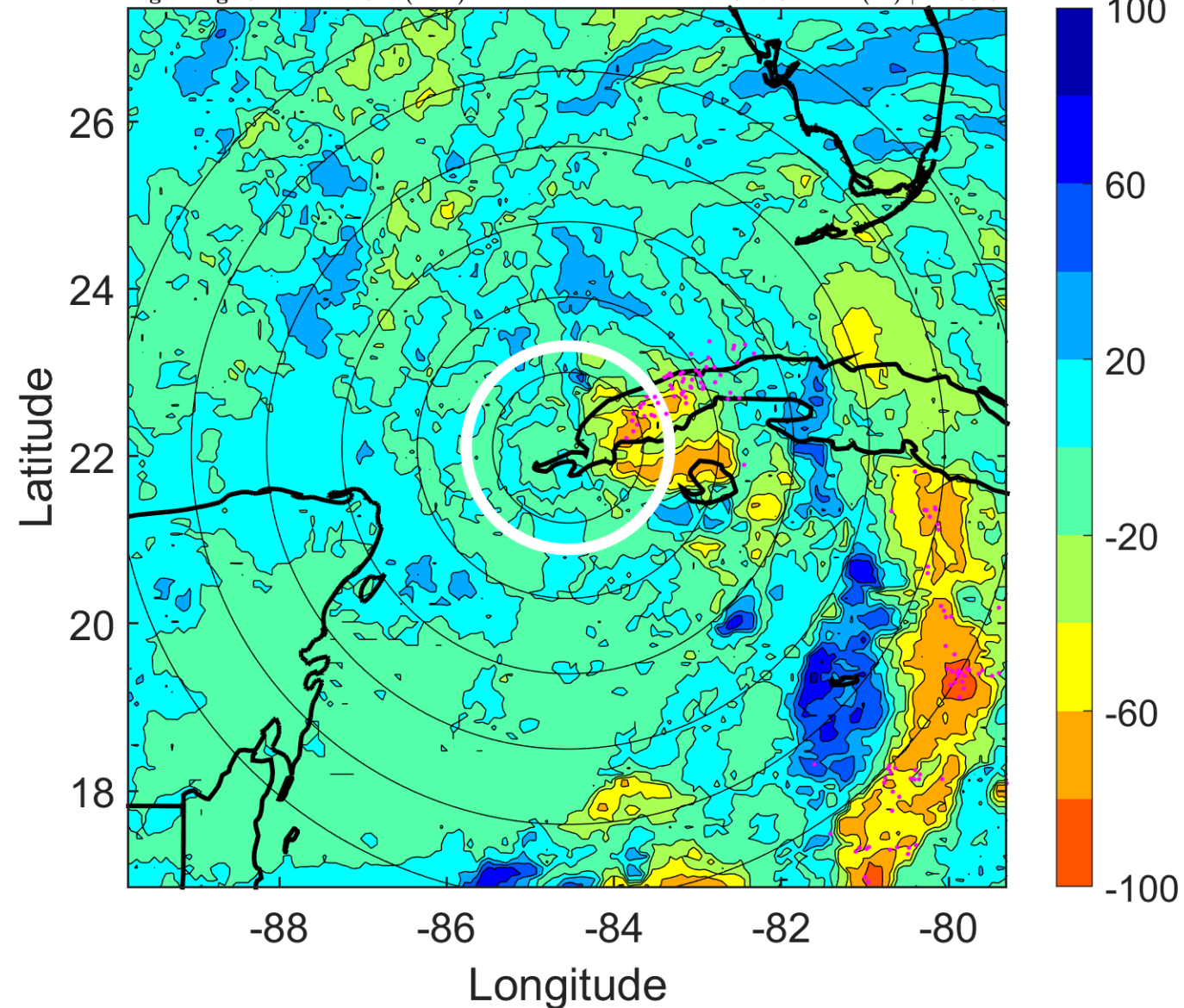
$\Delta$ t: 2005061009 (3.4 LT) - 2005061003 (21.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 47.5 kt TS

S: 7.6 m s<sup>-1</sup> (M) | H: 59.5°





### IR BT & Lightning

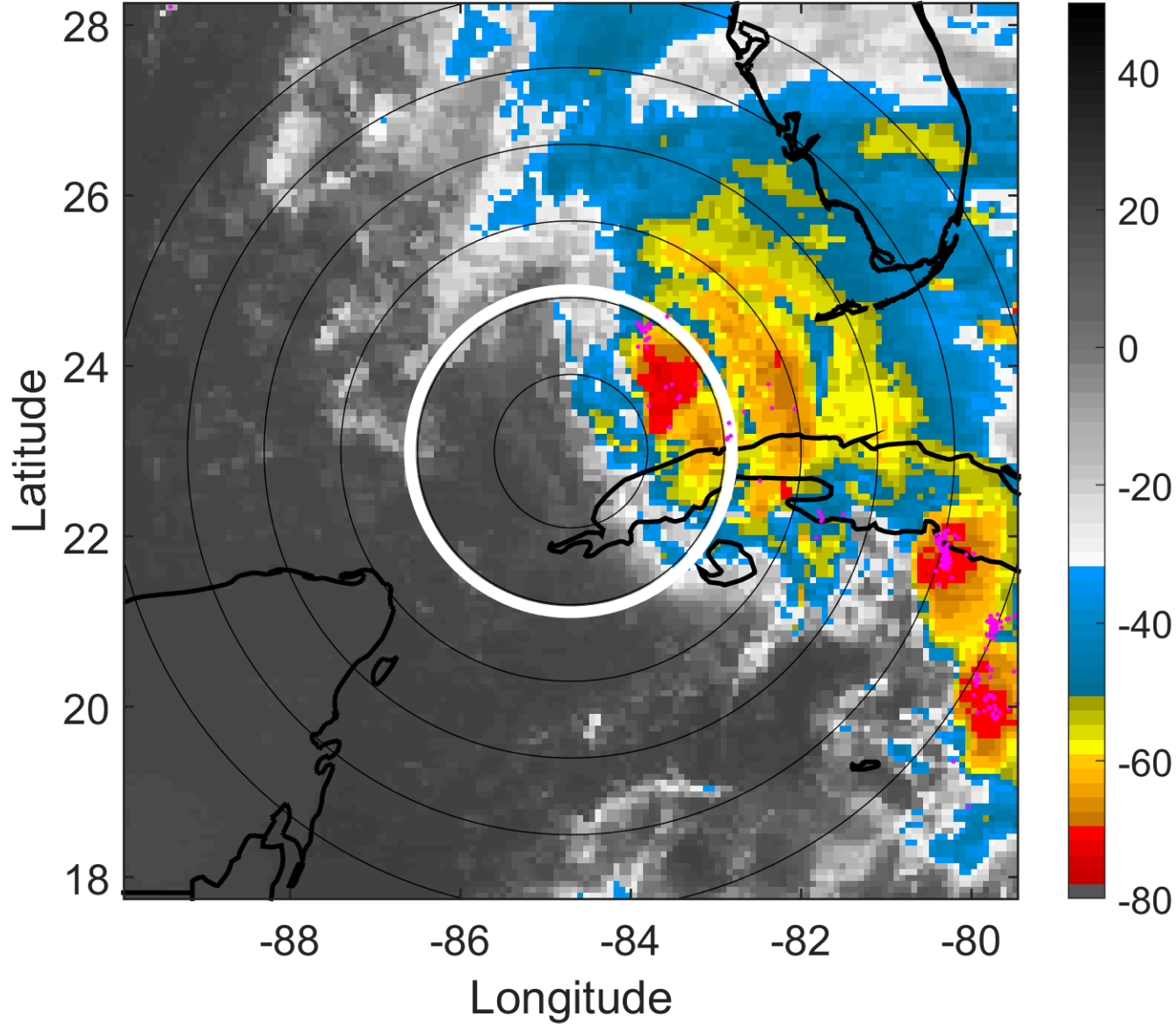
t: 2005061012 (6.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 50 kt TS

S: 9.4 m s<sup>-1</sup> (M) | H: 56°



### 6-h IR BT Differences & Lightning

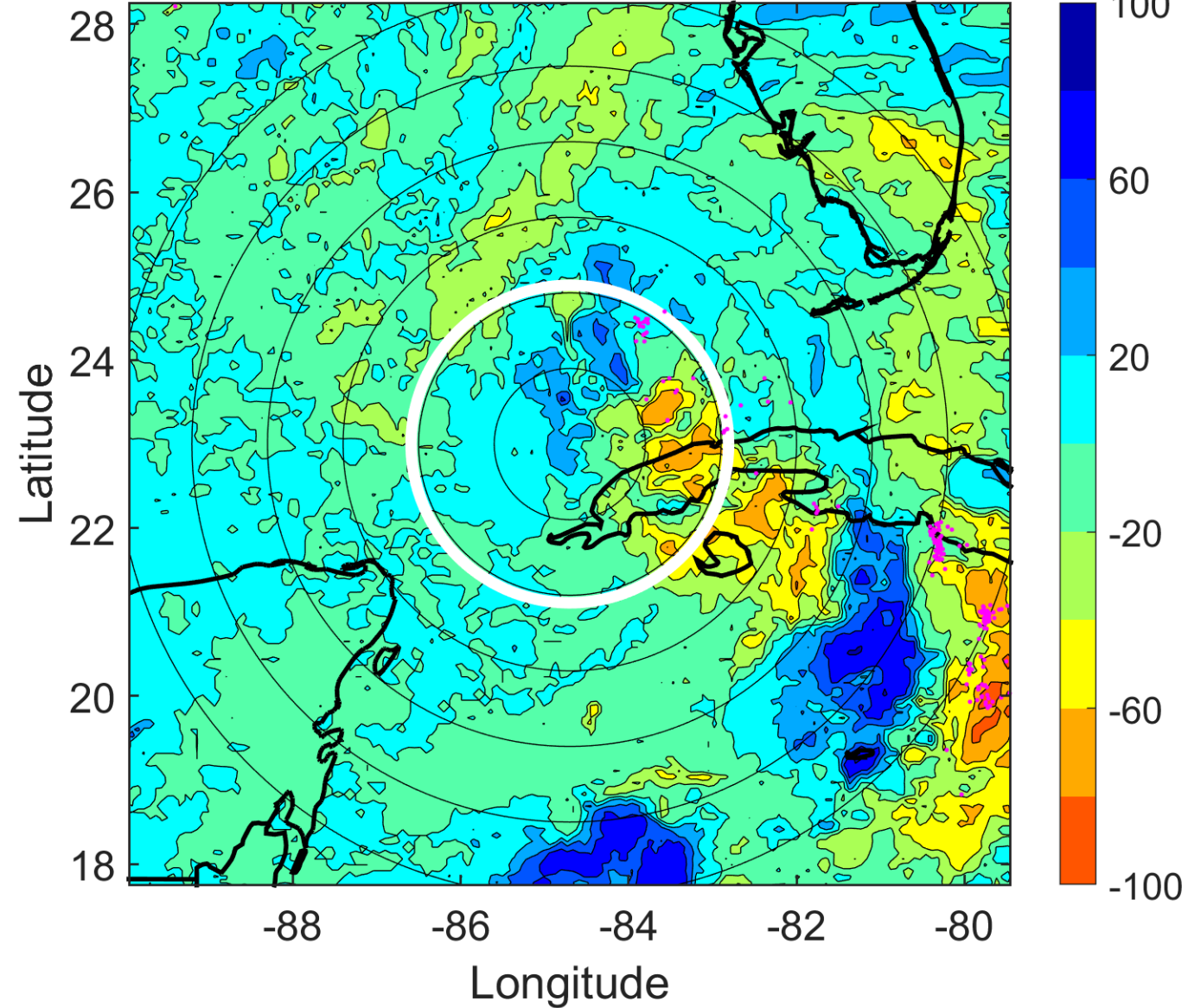
$\Delta$ t: 2005061012 (6.4 LT) - 2005061006 (0.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 50 kt TS

S: 9.4 m s<sup>-1</sup> (M) | H: 56°



### IR BT & Lightning

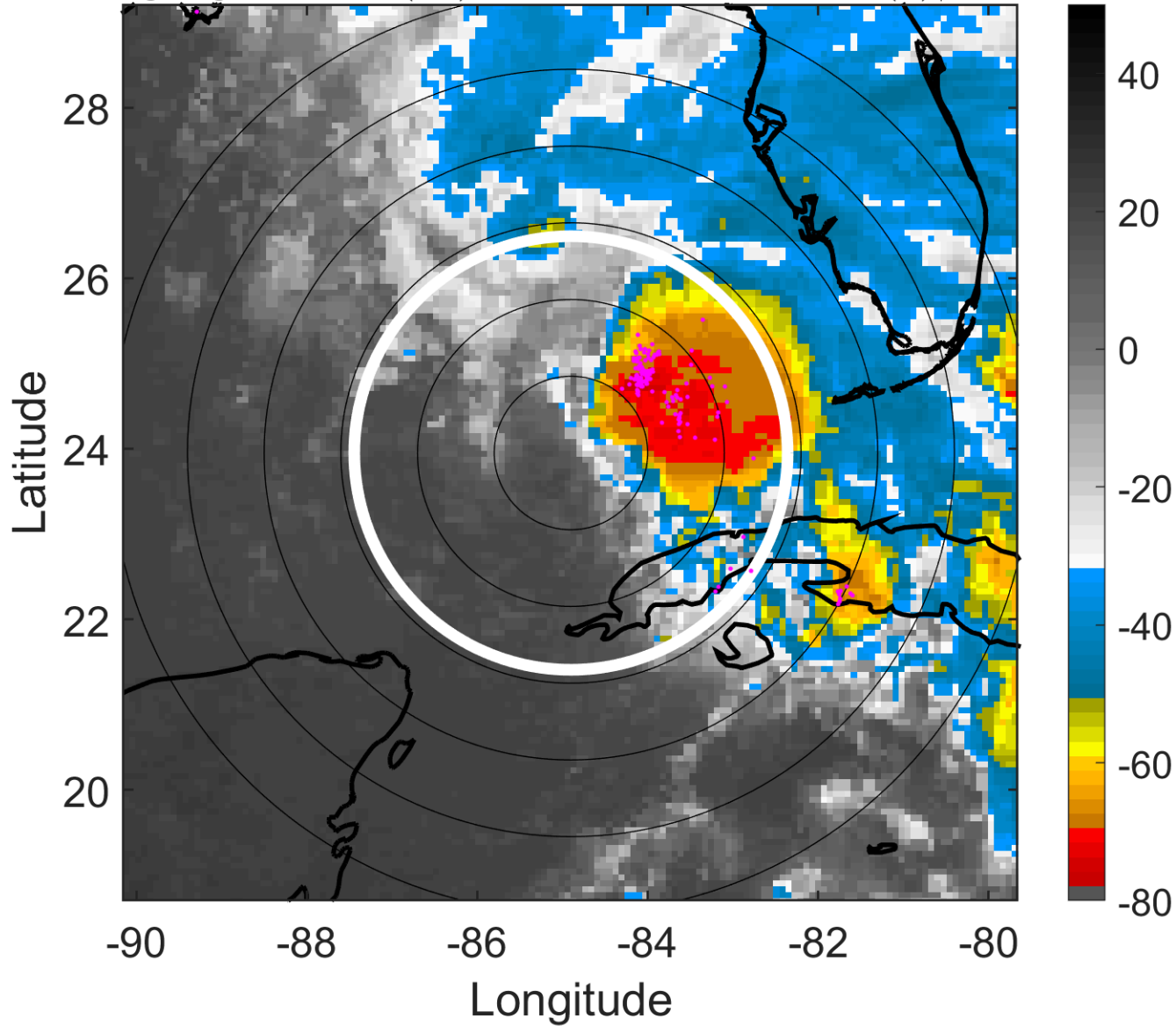
t: 2005061015 (9.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 52.5 kt TS

S: 9.8 m s<sup>-1</sup> (M) | H: 53°



### 6-h IR BT Differences & Lightning

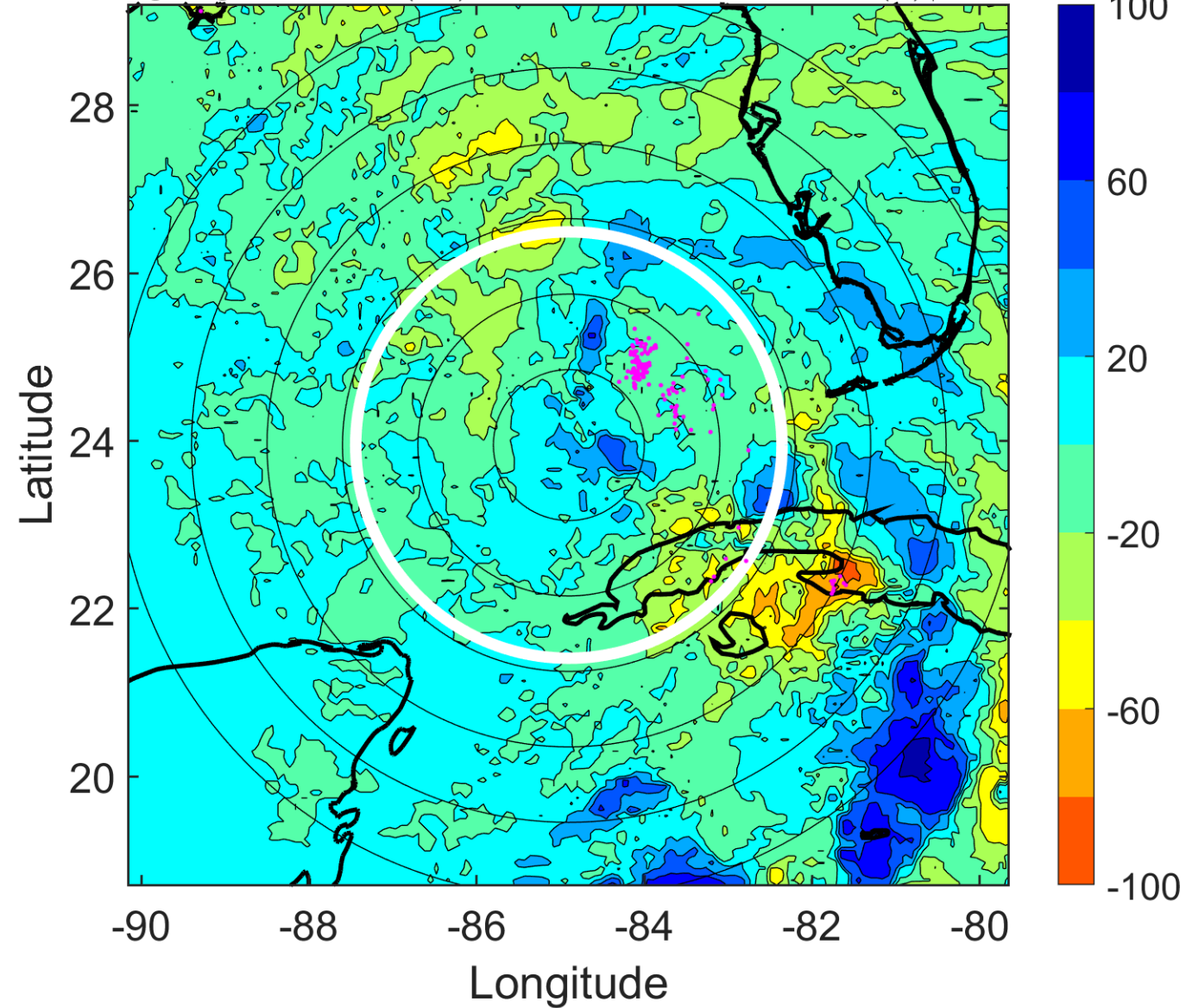
$\Delta$ t: 2005061015 (9.3 LT) - 2005061009 (3.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 52.5 kt TS

S: 9.8 m s<sup>-1</sup> (M) | H: 53°





### IR BT & Lightning

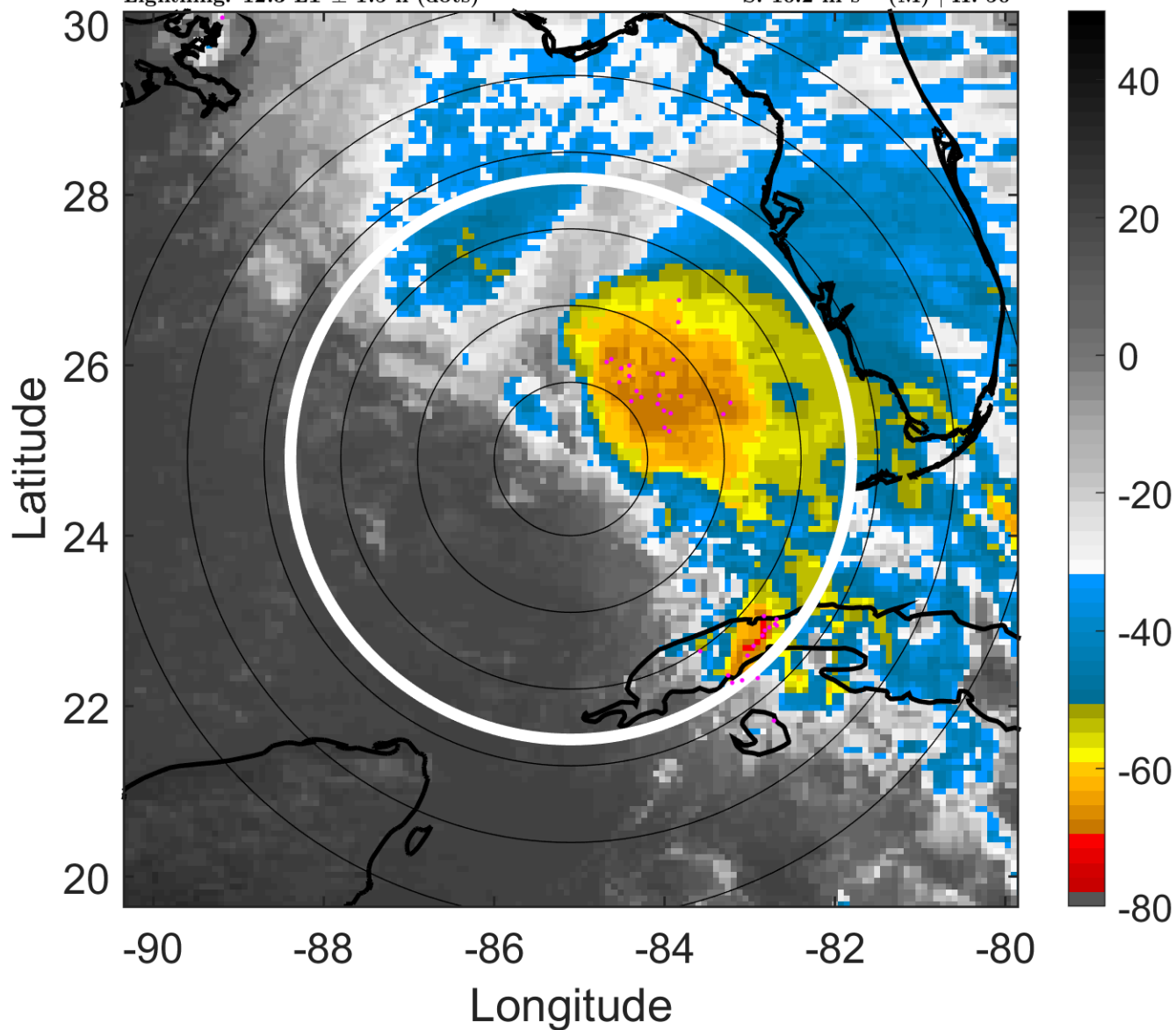
t: 2005061018 (12.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 55 kt TS

S: 10.2 m s<sup>-1</sup> (M) | H: 50°



### 6-h IR BT Differences & Lightning

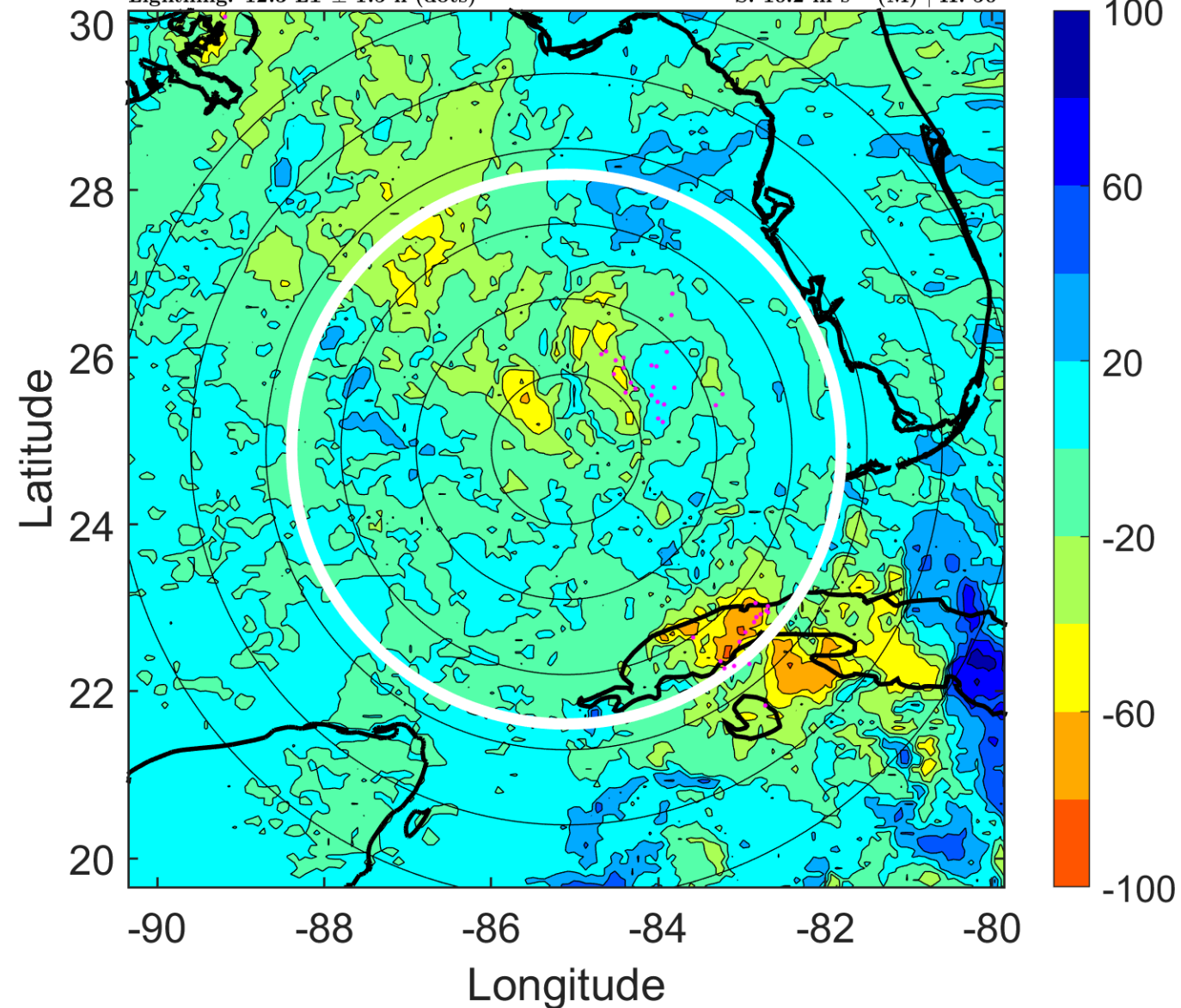
$\Delta$ t: 2005061018 (12.3 LT) - 2005061012 (6.4 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 55 kt TS

S: 10.2 m s<sup>-1</sup> (M) | H: 50°



### IR BT & Lightning

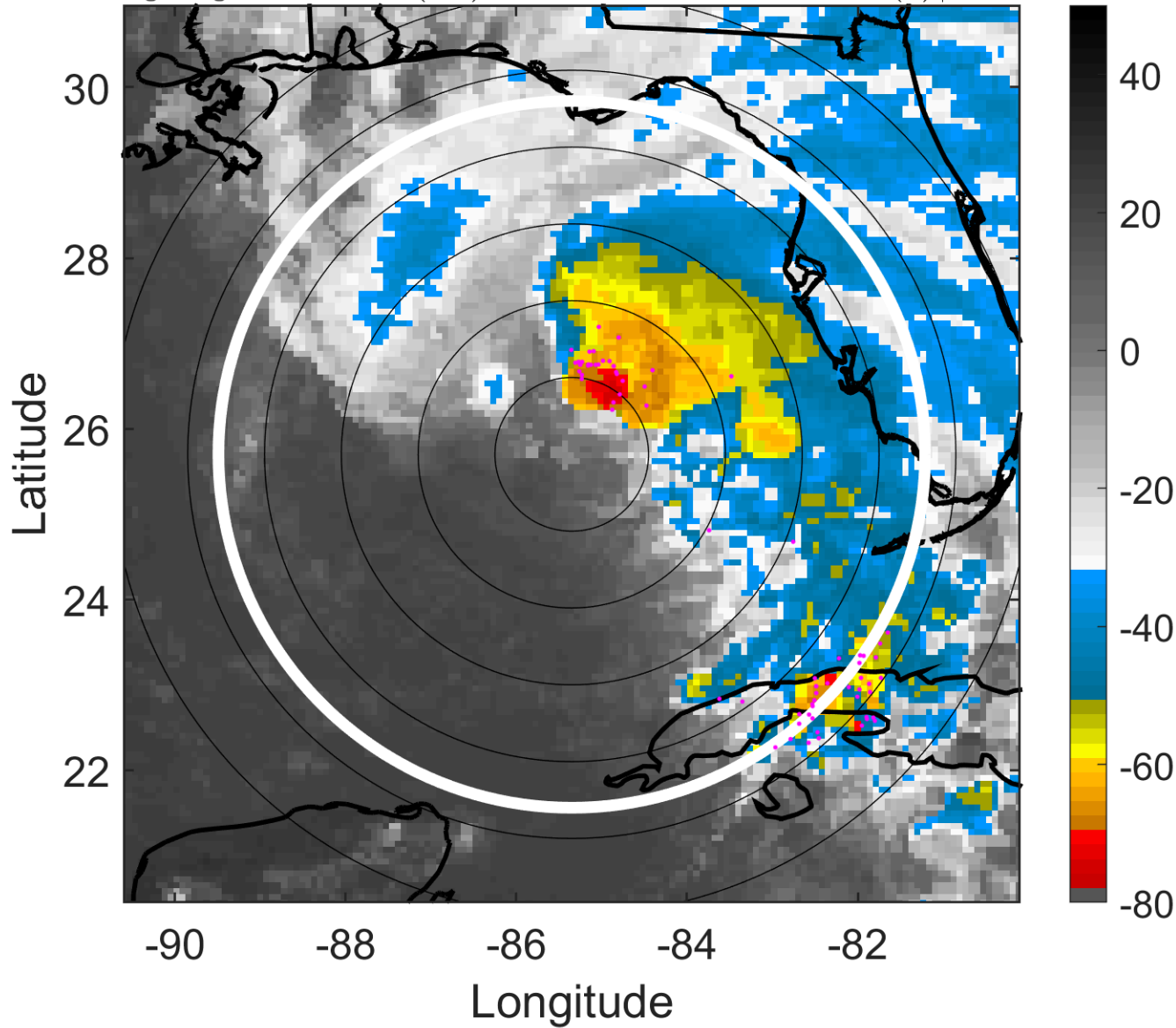
t: 2005061021 (15.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 57.5 kt TS

S: 11.3 m s<sup>-1</sup> (H) | H: 61°



### 6-h IR BT Differences & Lightning

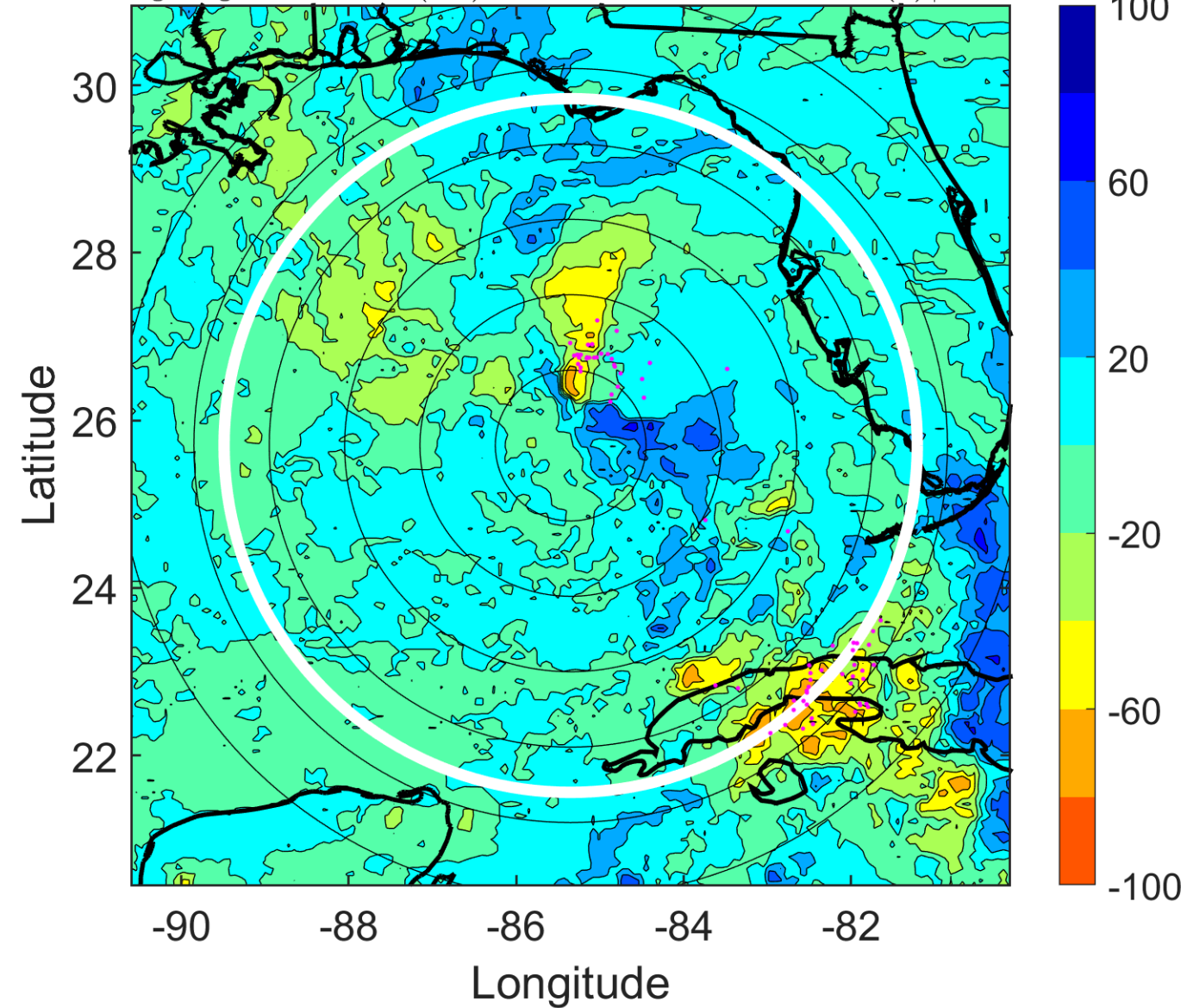
$\Delta$ t: 2005061021 (15.3 LT) - 2005061015 (9.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 57.5 kt TS

S: 11.3 m s<sup>-1</sup> (H) | H: 61°





### IR BT & Lightning

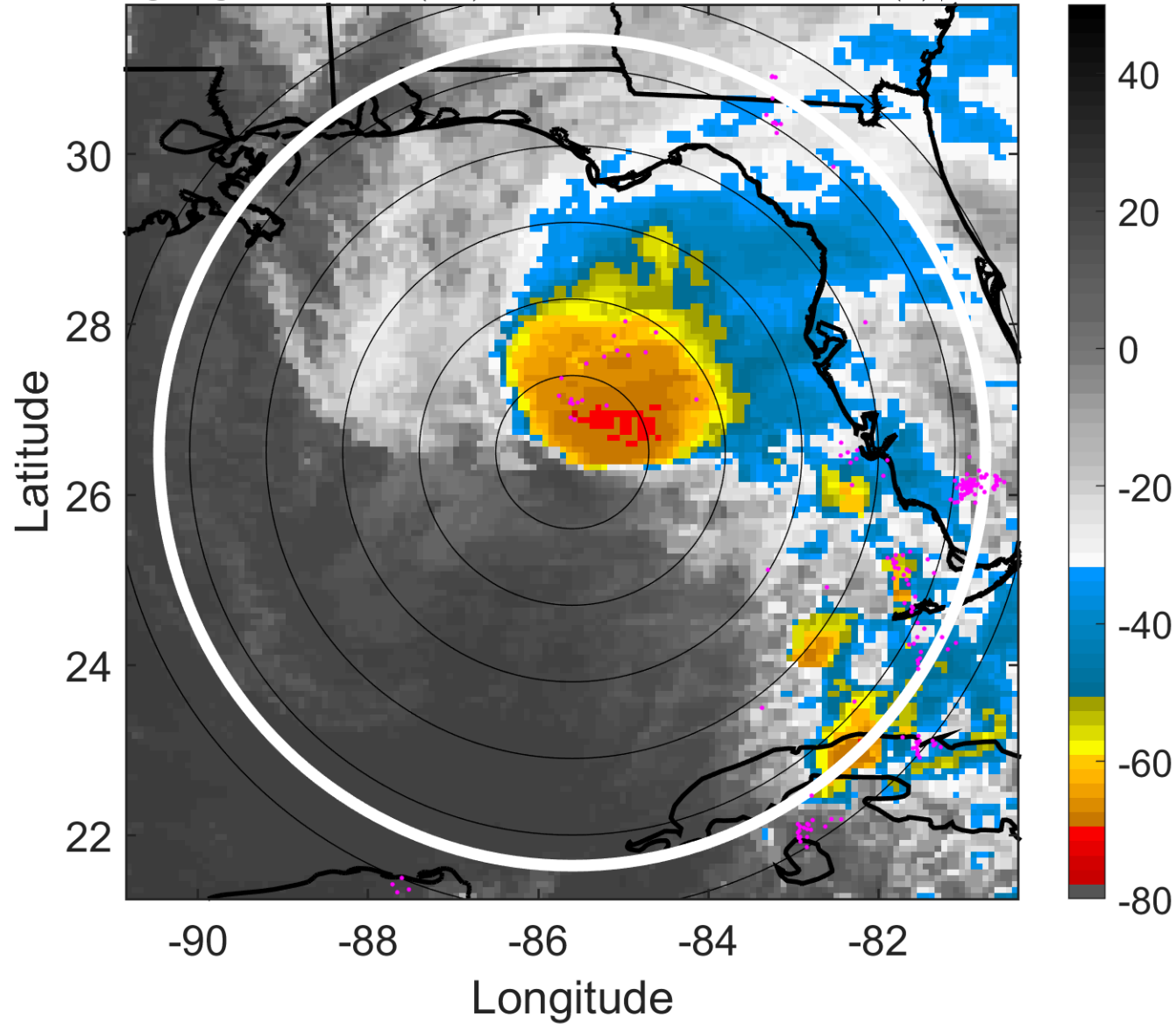
t: 2005061100 (18.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 60 kt TS

S: 12.5 m s<sup>-1</sup> (H) | H: 72°



### 6-h IR BT Differences & Lightning

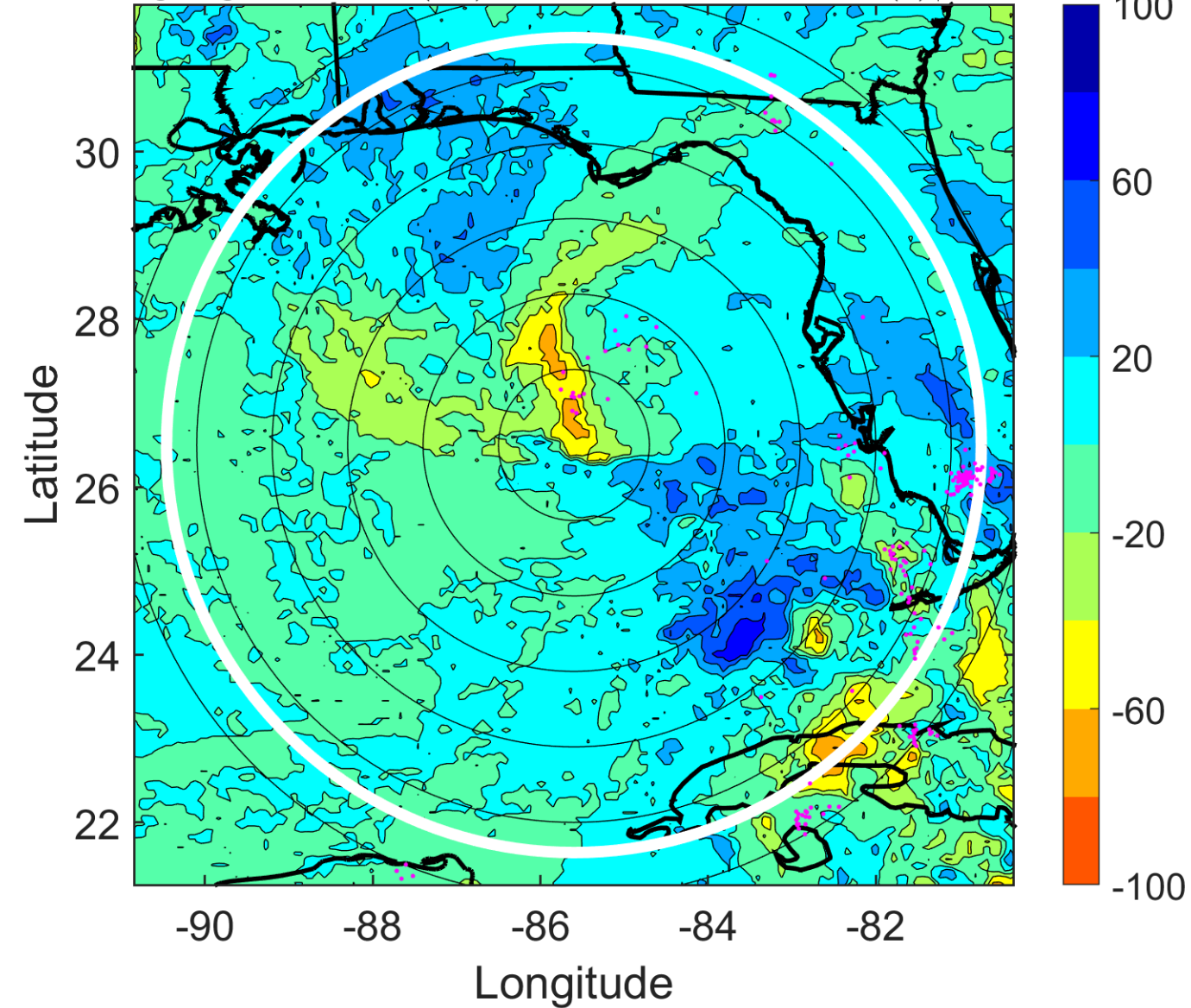
$\Delta$ t: 2005061100 (18.3 LT) - 2005061018 (12.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 60 kt TS

S: 12.5 m s<sup>-1</sup> (H) | H: 72°



### IR BT & Lightning

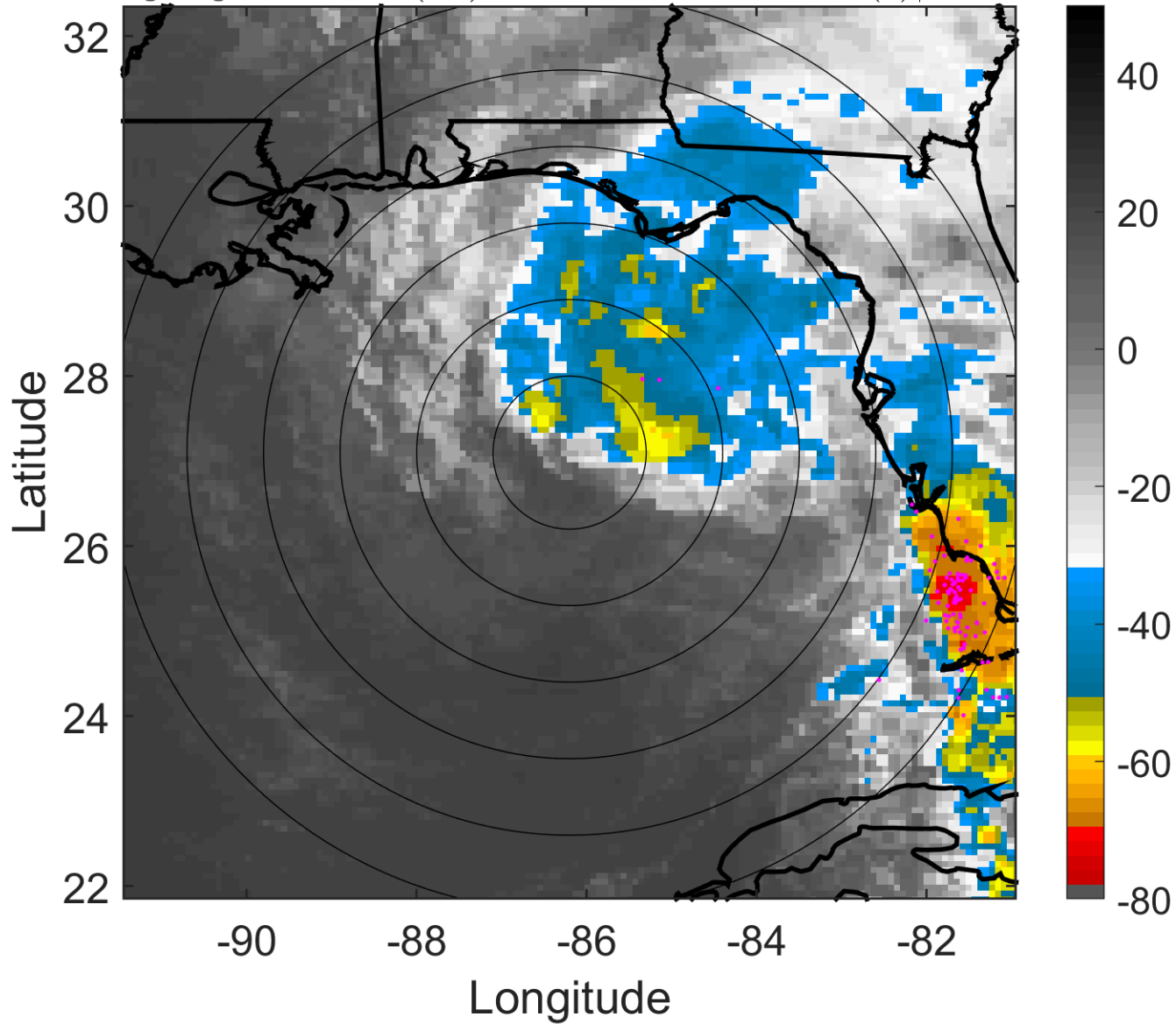
t: 2005061103 (21.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 60 kt TS

S: 10.9 m s<sup>-1</sup> (H) | H: 78.5°



### 6-h IR BT Differences & Lightning

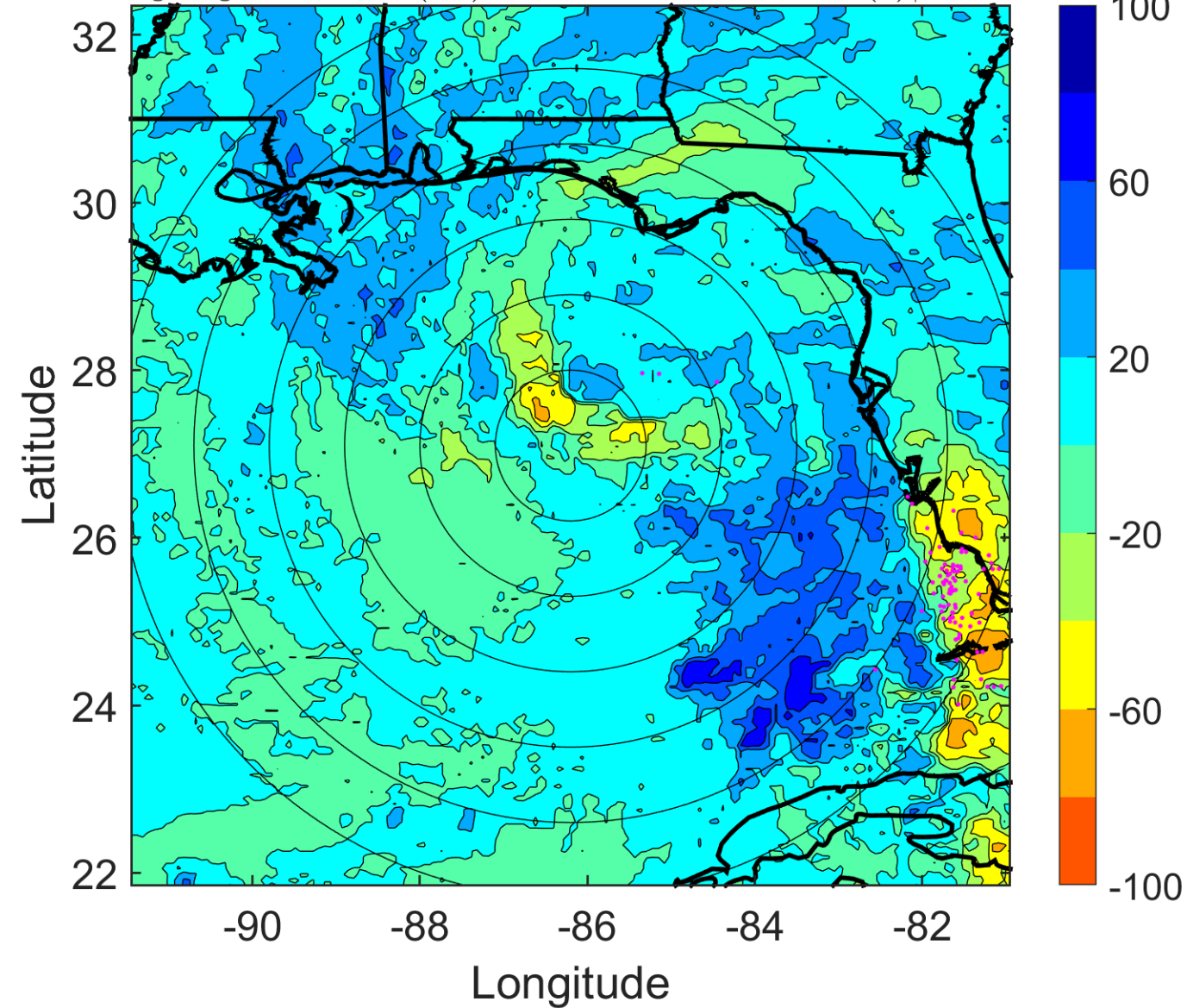
$\Delta$ t: 2005061103 (21.3 LT) - 2005061021 (15.3 LT)

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

PT: LLCP | EA: QUASI

01L (ARLENE) | 60 kt TS

S: 10.9 m s<sup>-1</sup> (H) | H: 78.5°





### IR BT & Lightning

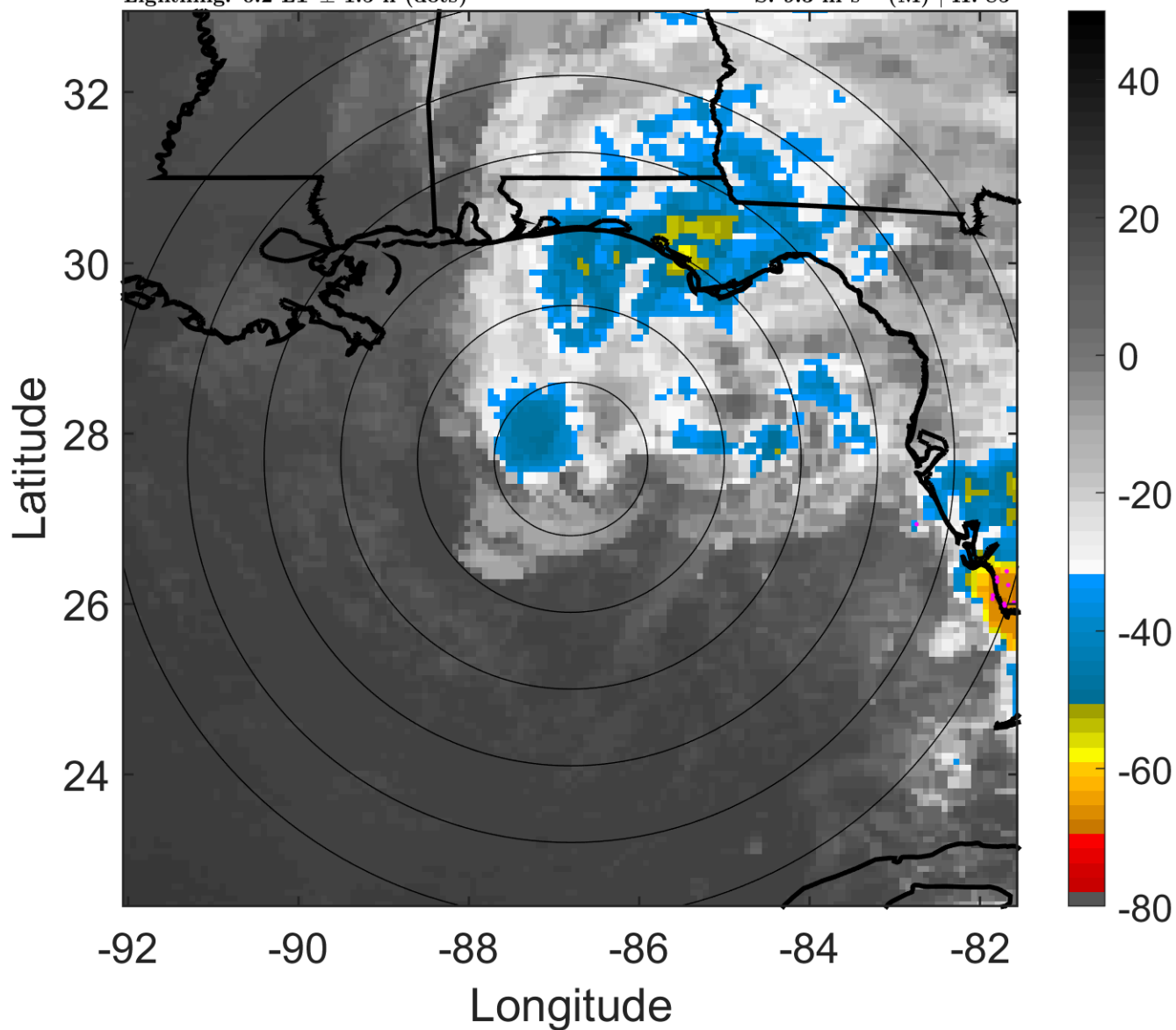
t: 2005061106 (0.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 60 kt TS

S: 9.3 m s<sup>-1</sup> (M) | H: 85°



### 6-h IR BT Differences & Lightning

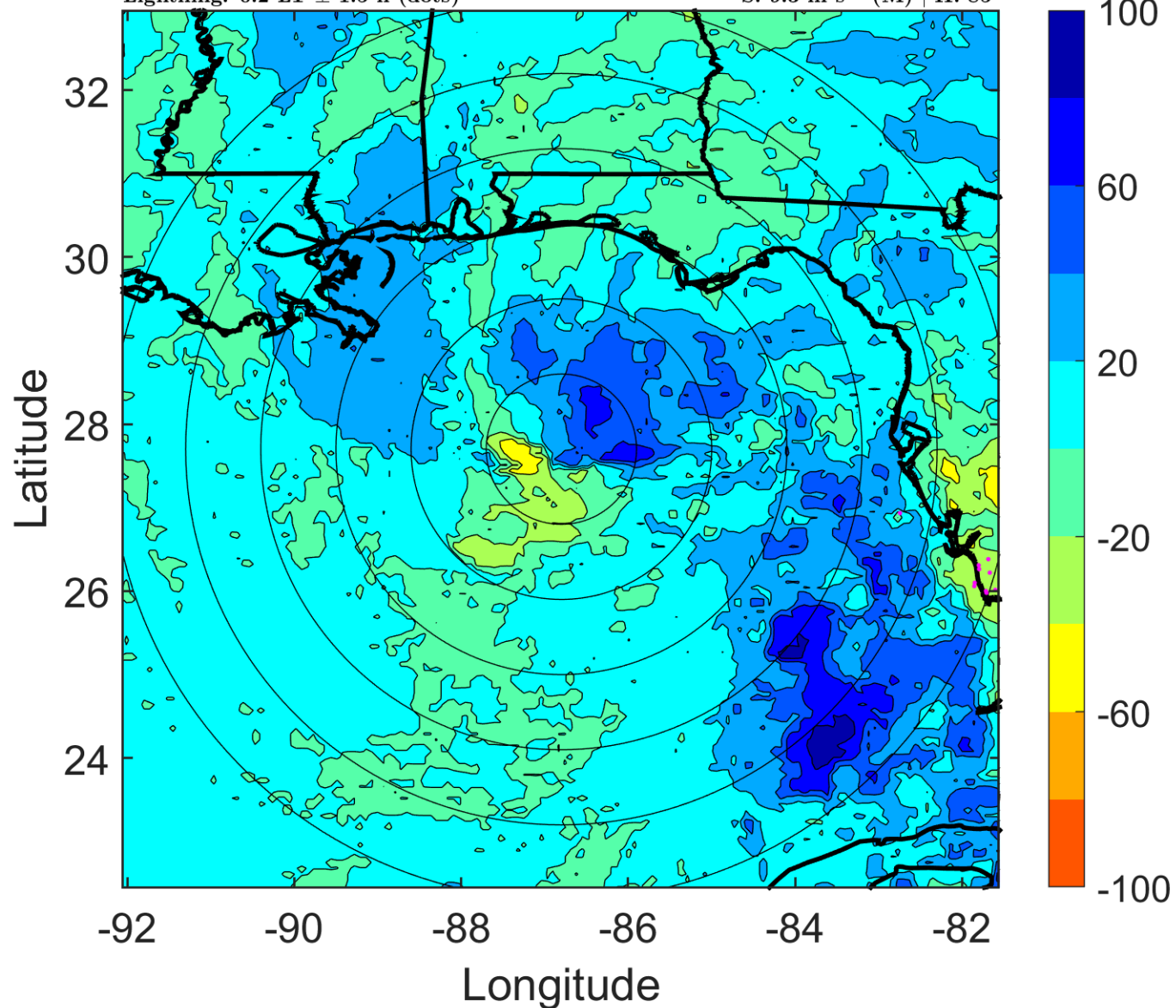
$\Delta$ t: 2005061106 (0.2 LT) - 2005061100 (18.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 60 kt TS

S: 9.3 m s<sup>-1</sup> (M) | H: 85°



### IR BT & Lightning

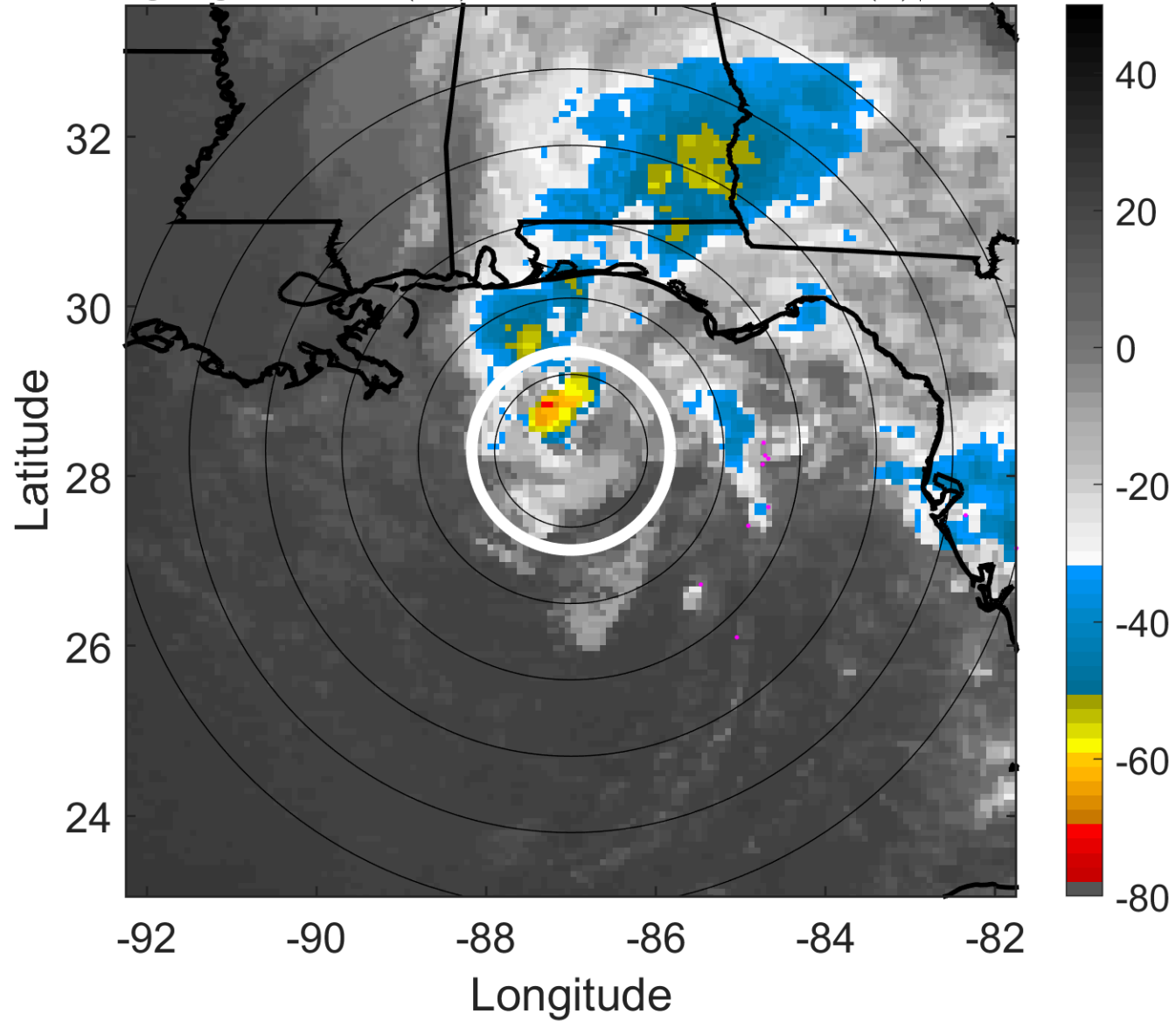
t: 2005061109 (3.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 57.5 kt TS

S: 9.3 m s<sup>-1</sup> (M) | H: 70.5°



### 6-h IR BT Differences & Lightning

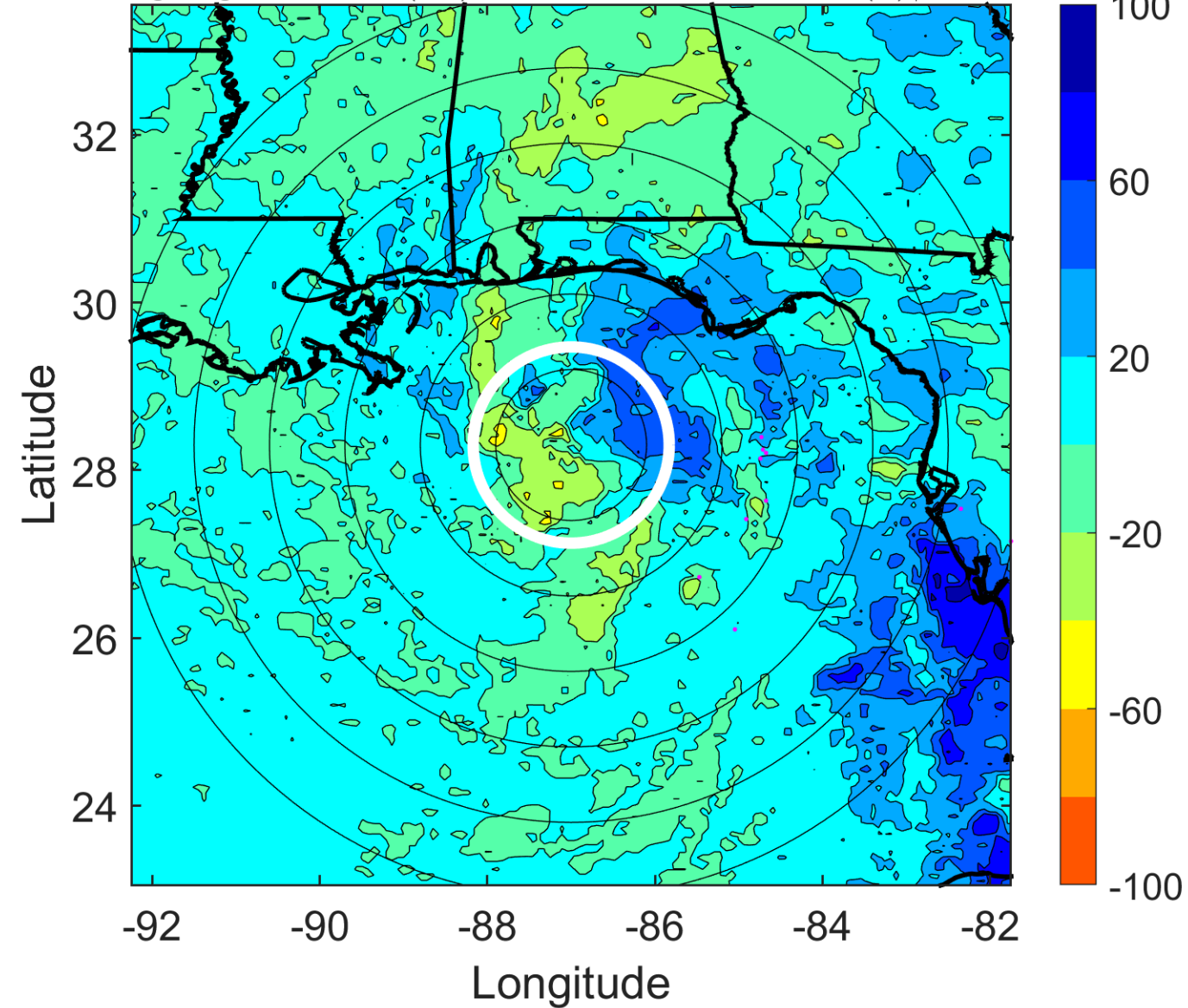
$\Delta$ t: 2005061109 (3.2 LT) - 2005061103 (21.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 57.5 kt TS

S: 9.3 m s<sup>-1</sup> (M) | H: 70.5°





### IR BT & Lightning

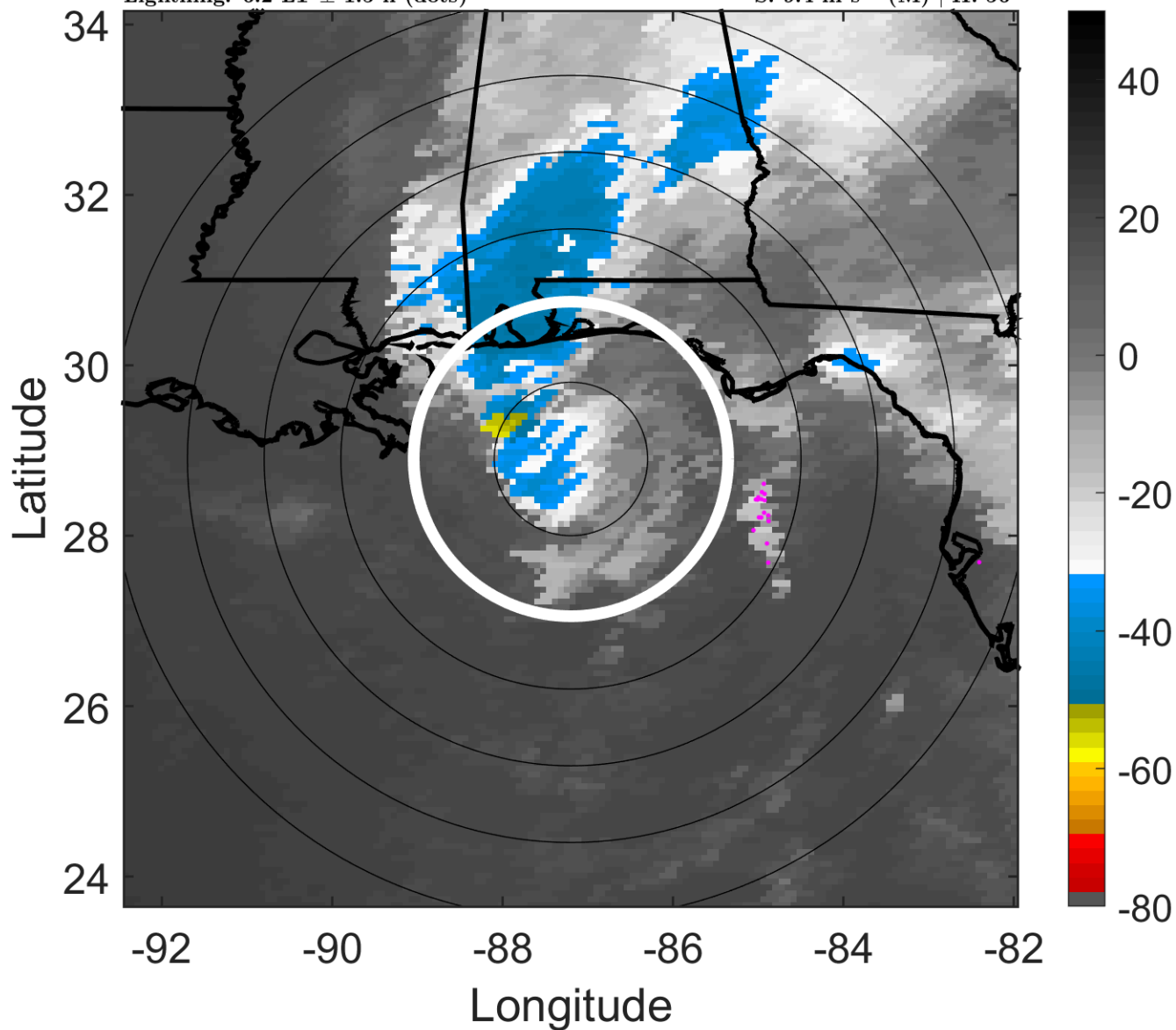
t: 2005061112 (6.2 LT)

Lightning: 6.2 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 55 kt TS

S: 9.4 m s<sup>-1</sup> (M) | H: 56°



### 6-h IR BT Differences & Lightning

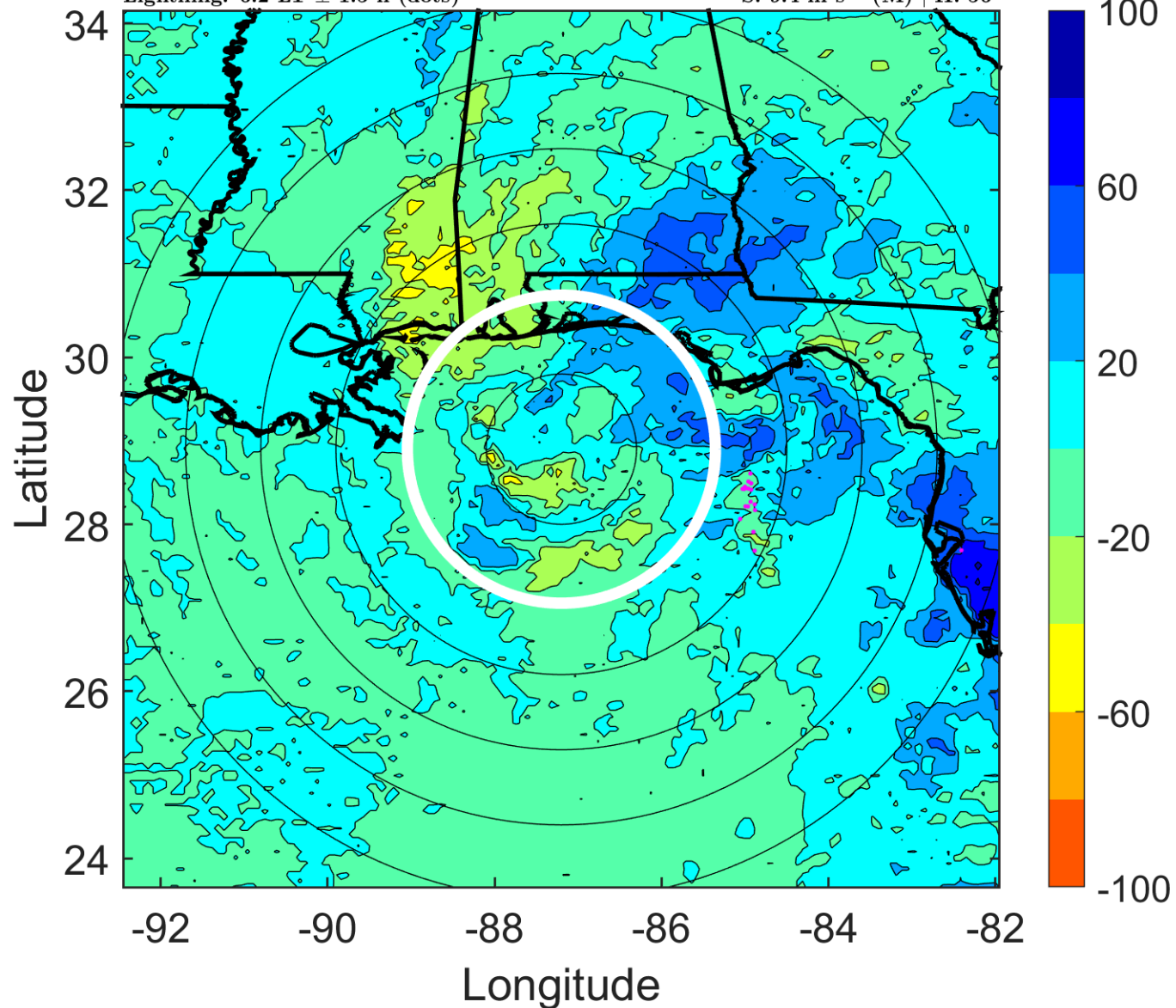
$\Delta$ t: 2005061112 (6.2 LT) - 2005061106 (0.2 LT)

Lightning: 6.2 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 55 kt TS

S: 9.4 m s<sup>-1</sup> (M) | H: 56°



### IR BT & Lightning

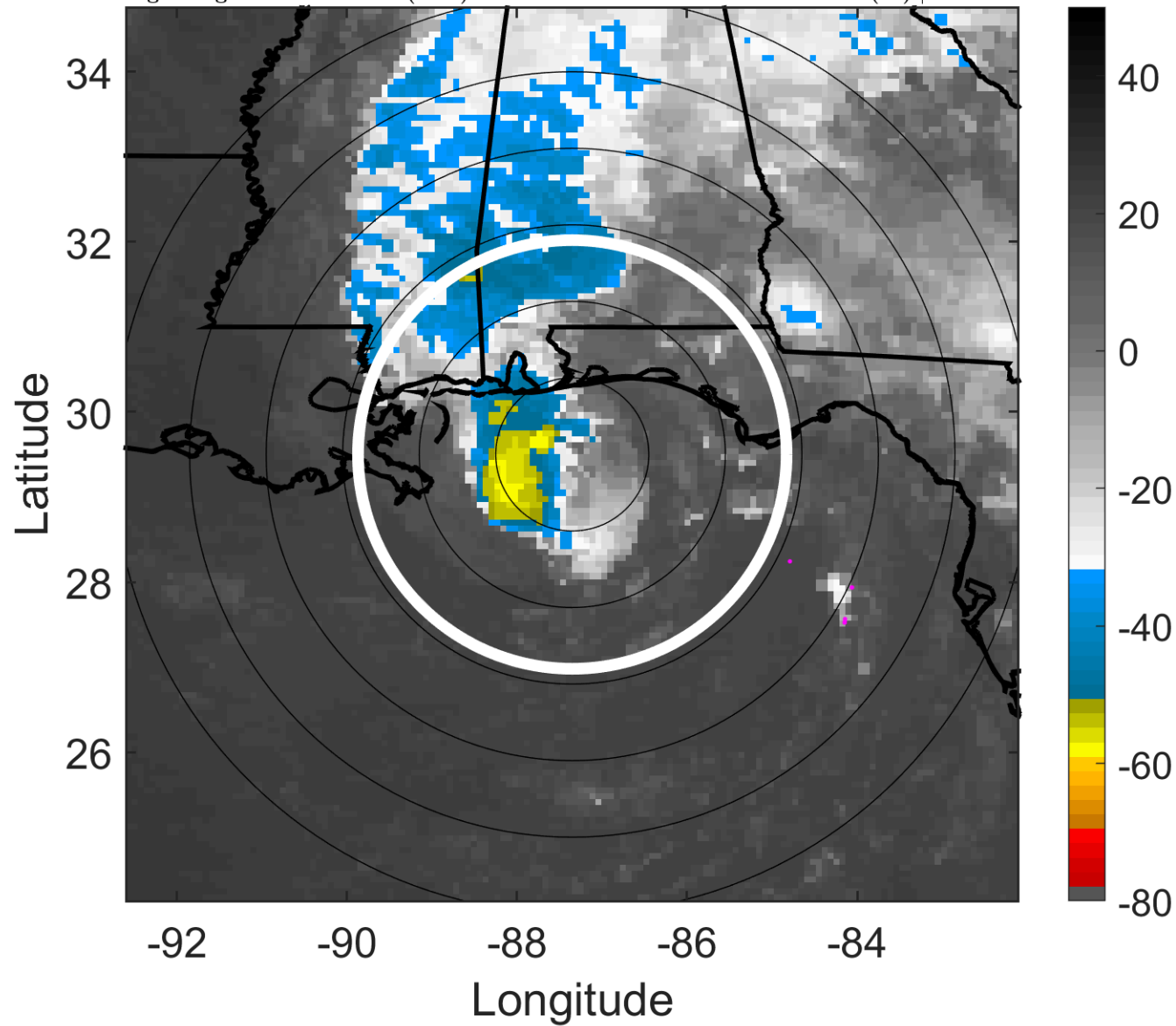
t: 2005061115 (9.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 52.5 kt TS

S: 10.4 m s<sup>-1</sup> (M) | H: 55.5°



### 6-h IR BT Differences & Lightning

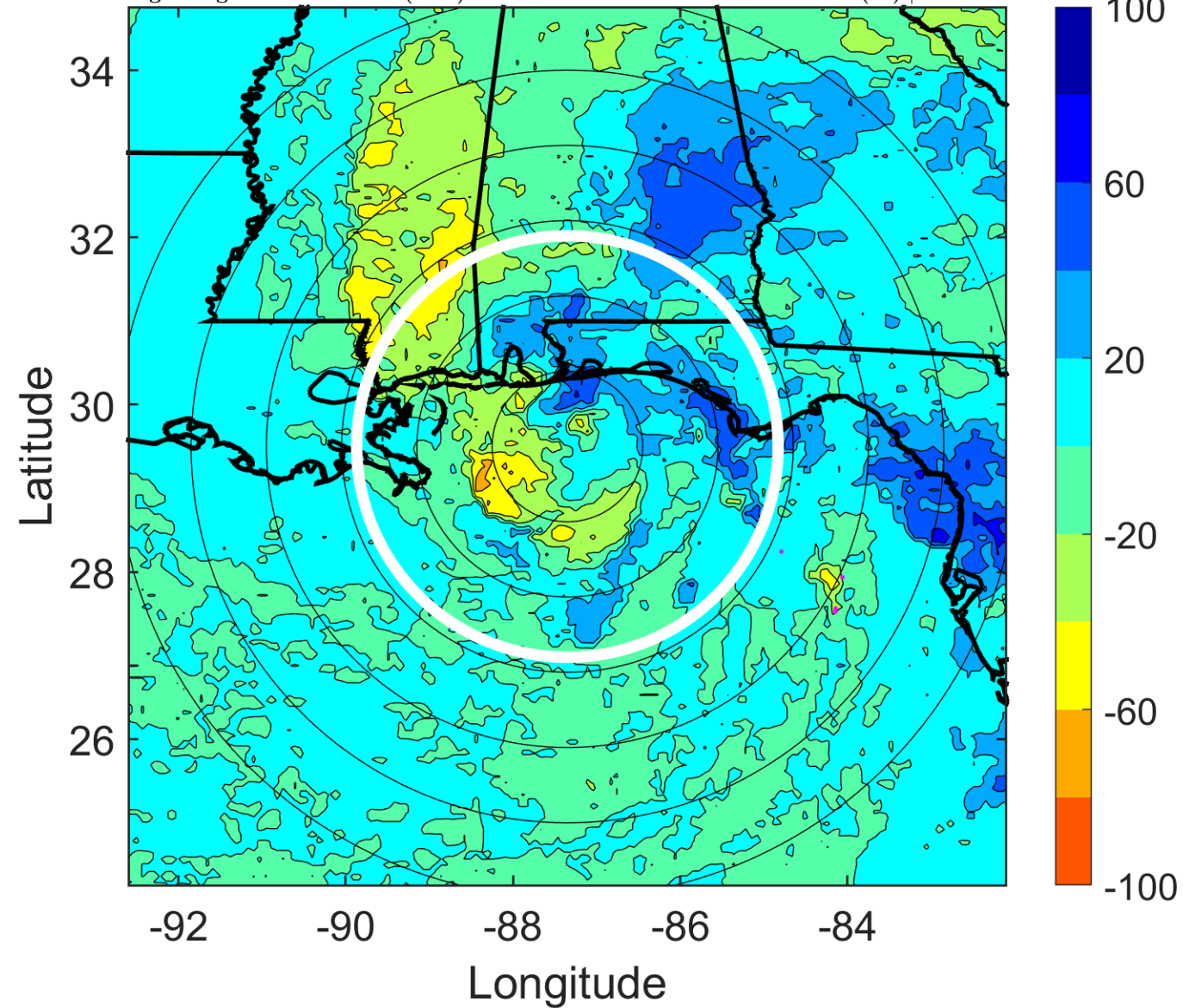
$\Delta$ t: 2005061115 (9.2 LT) - 2005061109 (3.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 52.5 kt TS

S: 10.4 m s<sup>-1</sup> (M) | H: 55.5°





### IR BT & Lightning

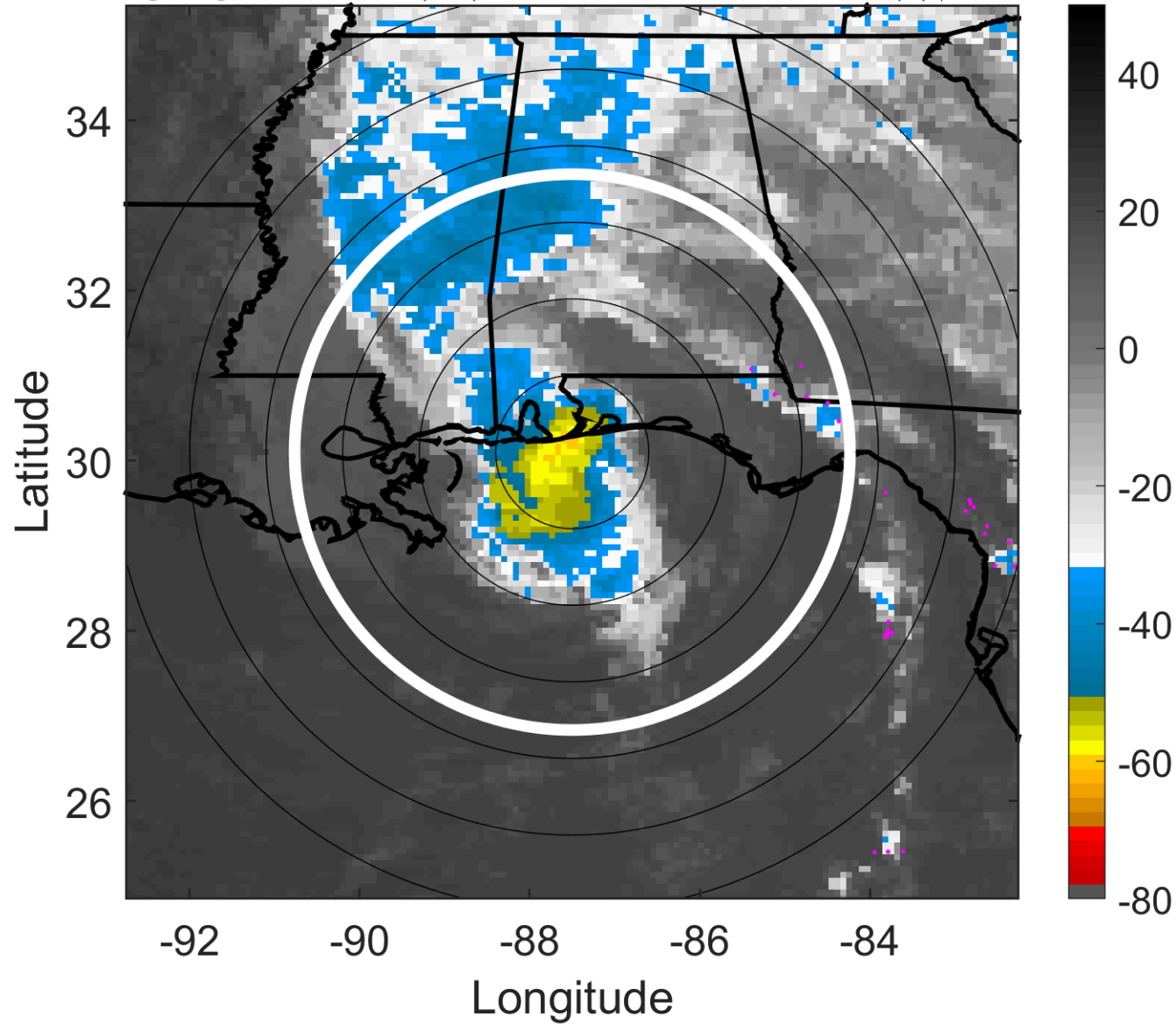
t: 2005061118 (12.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 50 kt TS

S: 11.4 m s<sup>-1</sup> (H) | H: 55°



### 6-h IR BT Differences & Lightning

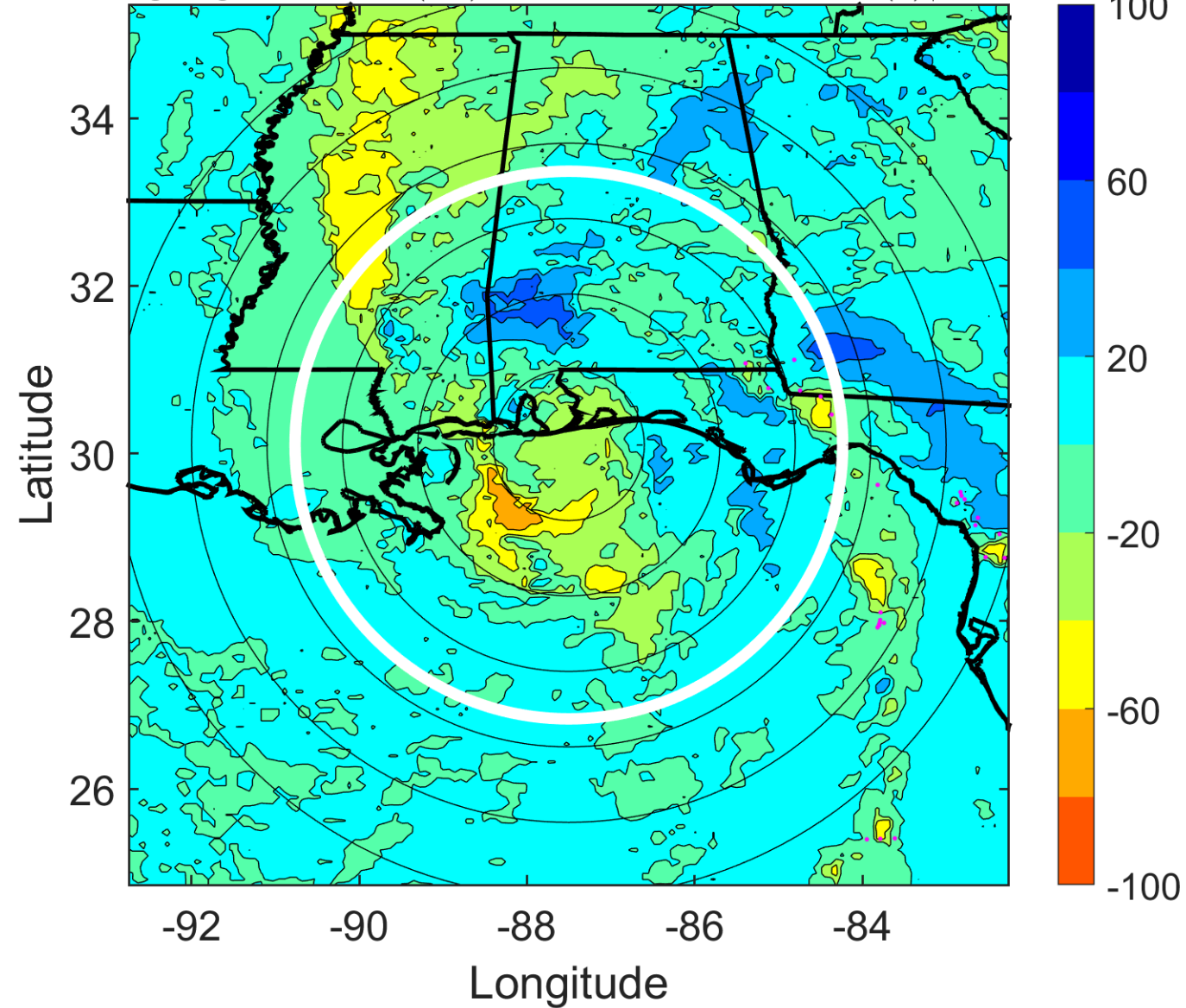
$\Delta$ t: 2005061118 (12.2 LT) - 2005061112 (6.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 50 kt TS

S: 11.4 m s<sup>-1</sup> (H) | H: 55°



### IR BT & Lightning

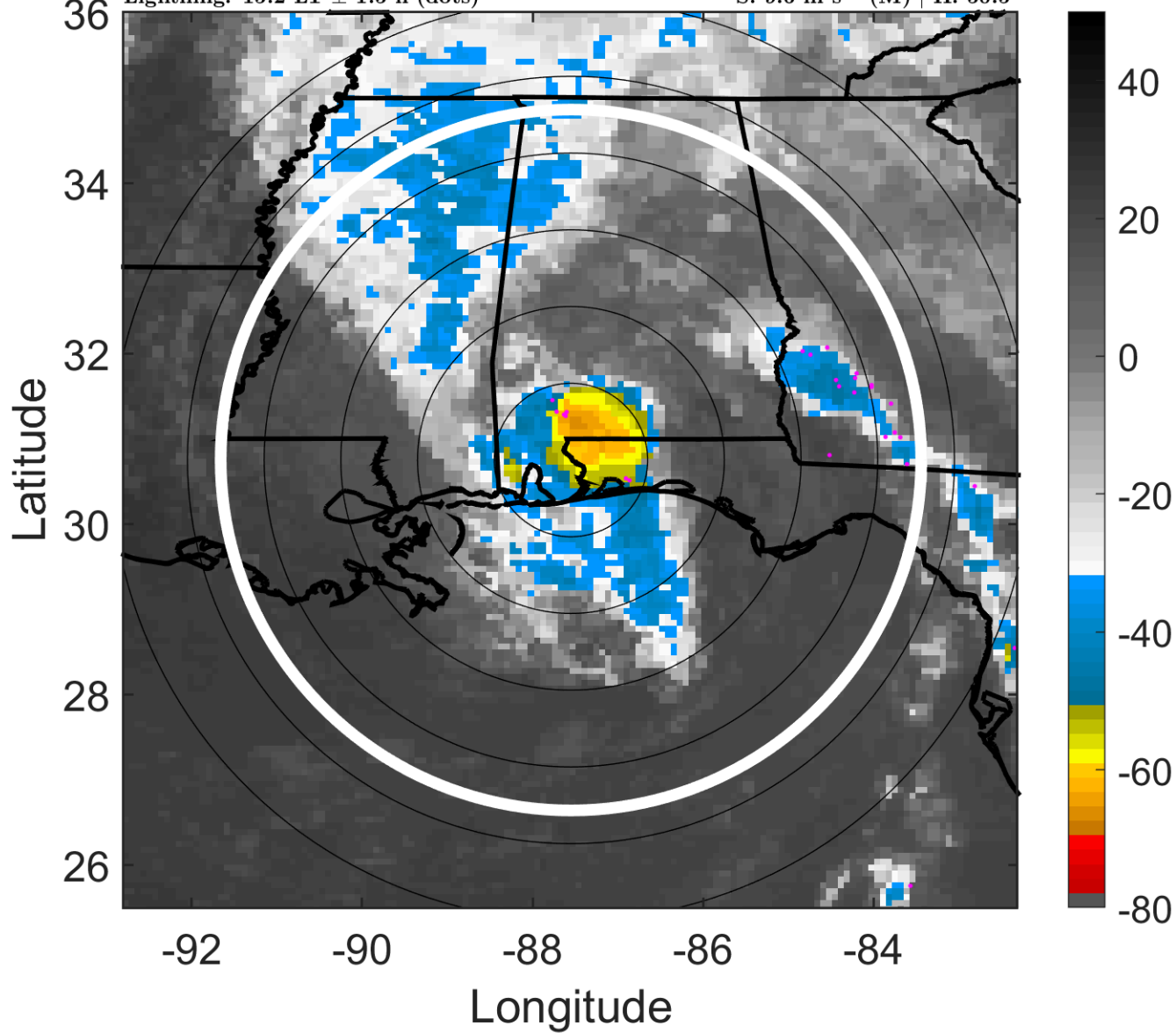
t: 2005061121 (15.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 40 kt TS

S: 9.6 m s<sup>-1</sup> (M) | H: 50.5°



### 6-h IR BT Differences & Lightning

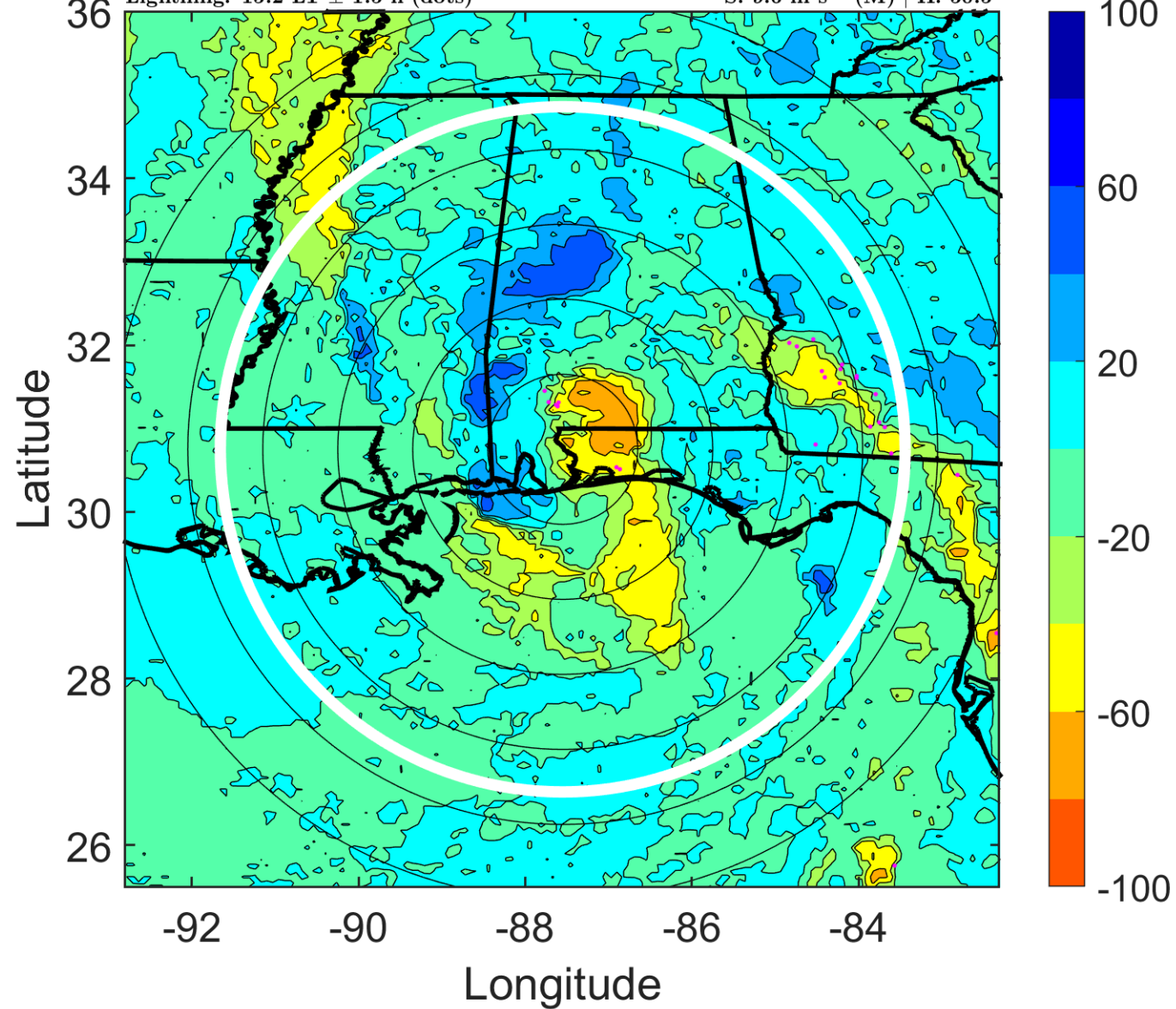
$\Delta$ t: 2005061121 (15.2 LT) - 2005061115 (9.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 40 kt TS

S: 9.6 m s<sup>-1</sup> (M) | H: 50.5°



### IR BT & Lightning

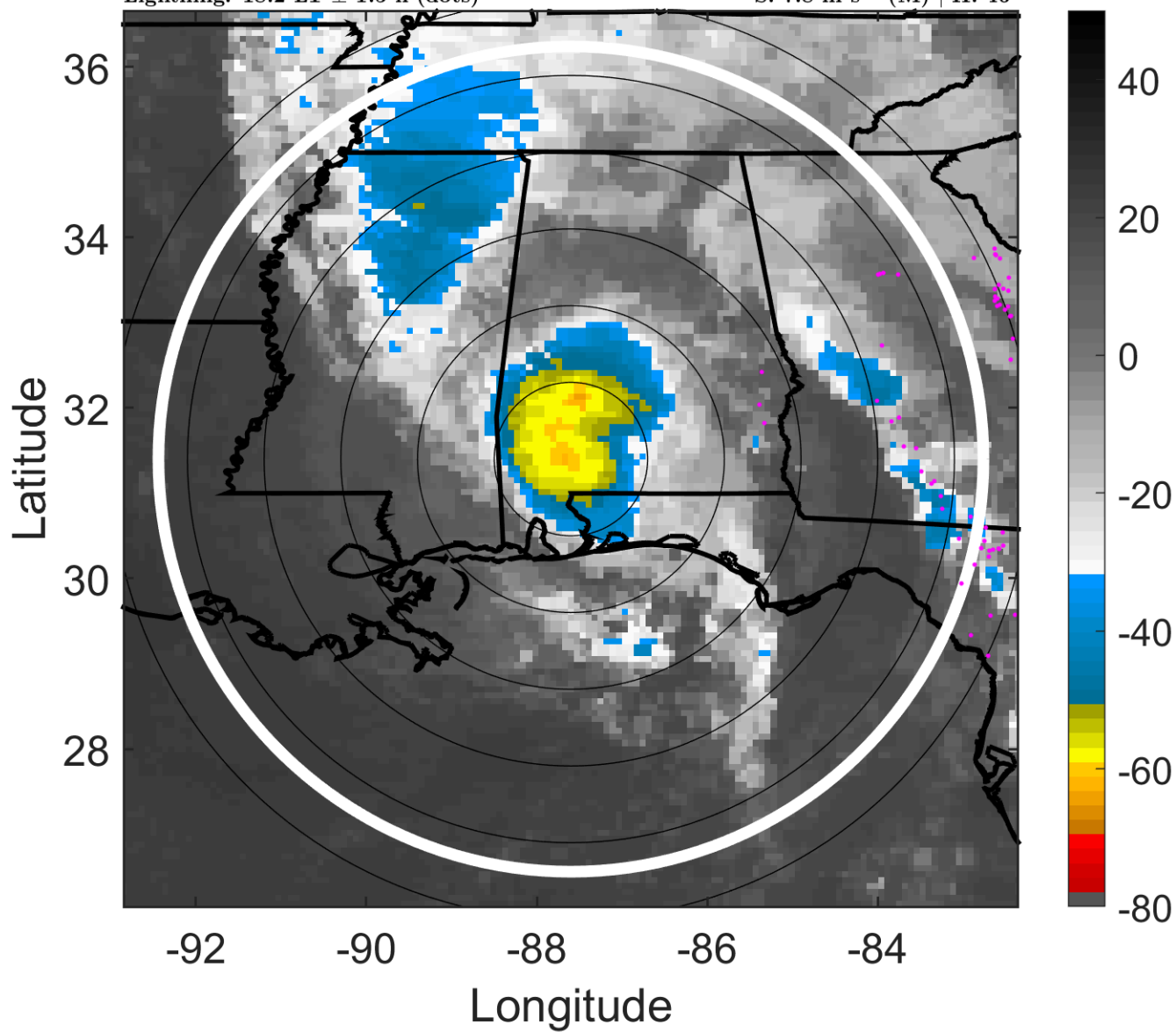
t: 2005061200 (18.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 30 kt TD

S: 7.8 m s<sup>-1</sup> (M) | H: 46°



### 6-h IR BT Differences & Lightning

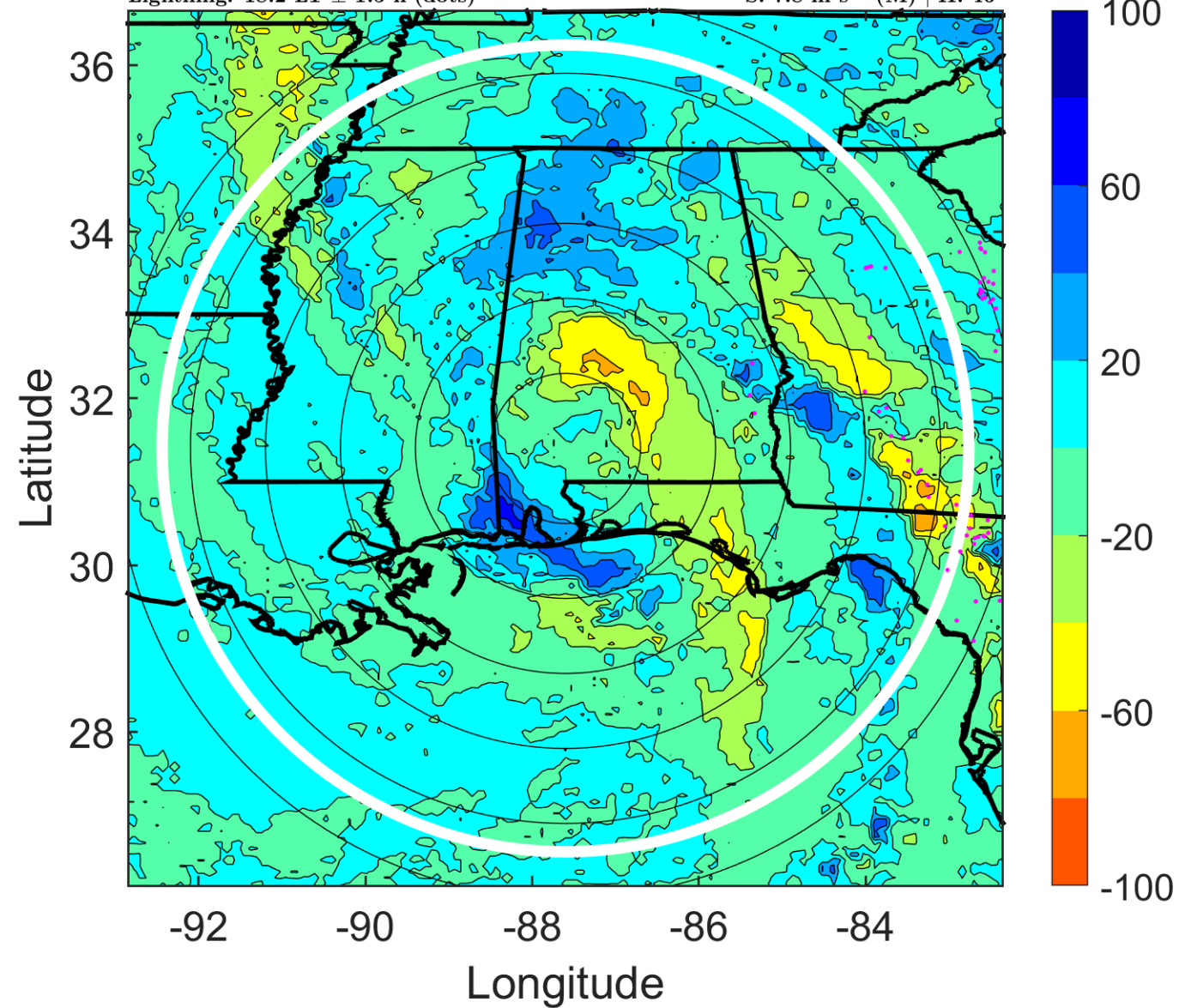
$\Delta$ t: 2005061200 (18.2 LT) - 2005061118 (12.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 30 kt TD

S: 7.8 m s<sup>-1</sup> (M) | H: 46°





### IR BT & Lightning

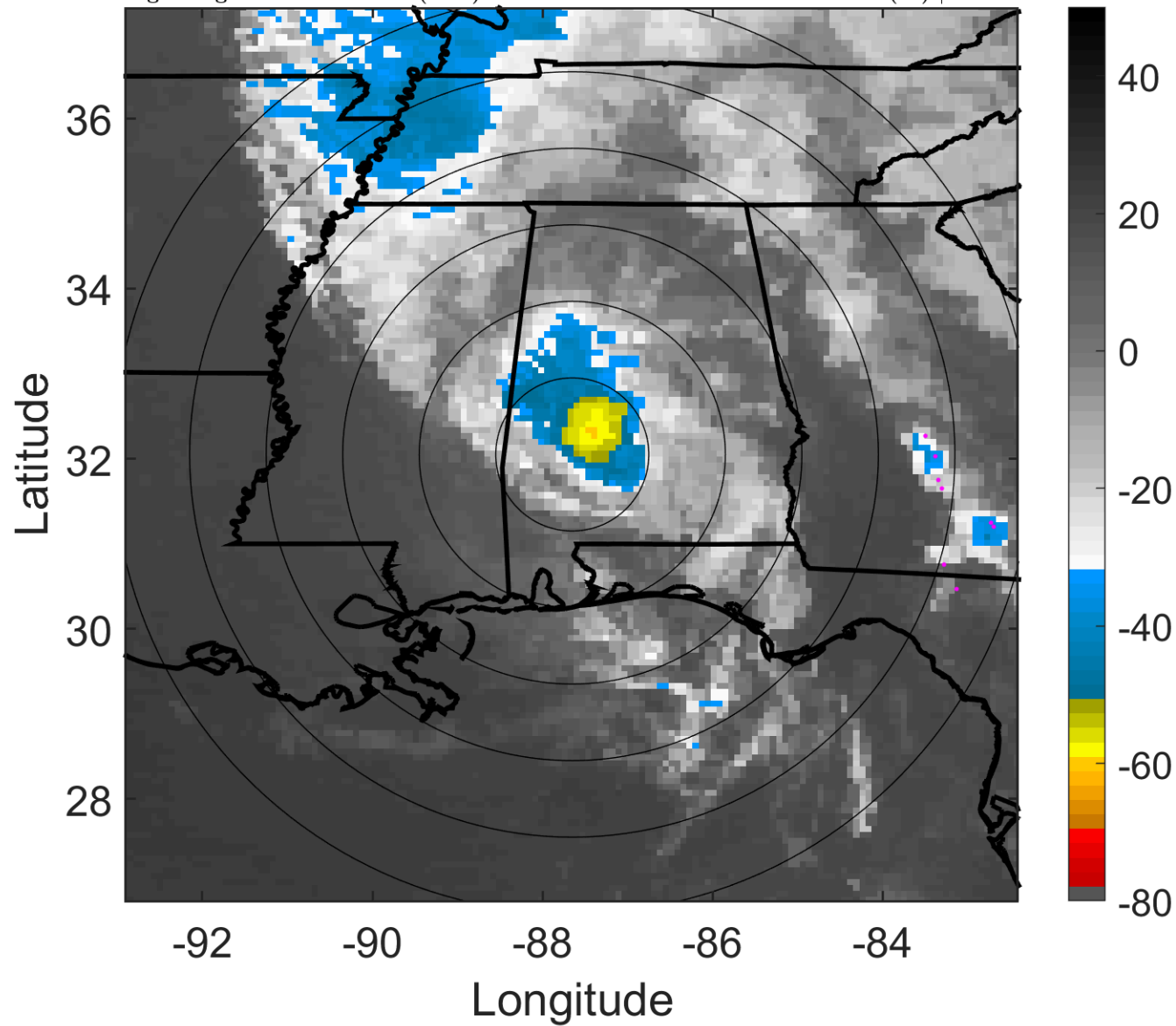
t: 2005061203 (21.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 27.5 kt TD

S: 8.7 m s<sup>-1</sup> (M) | H: 44°



### 6-h IR BT Differences & Lightning

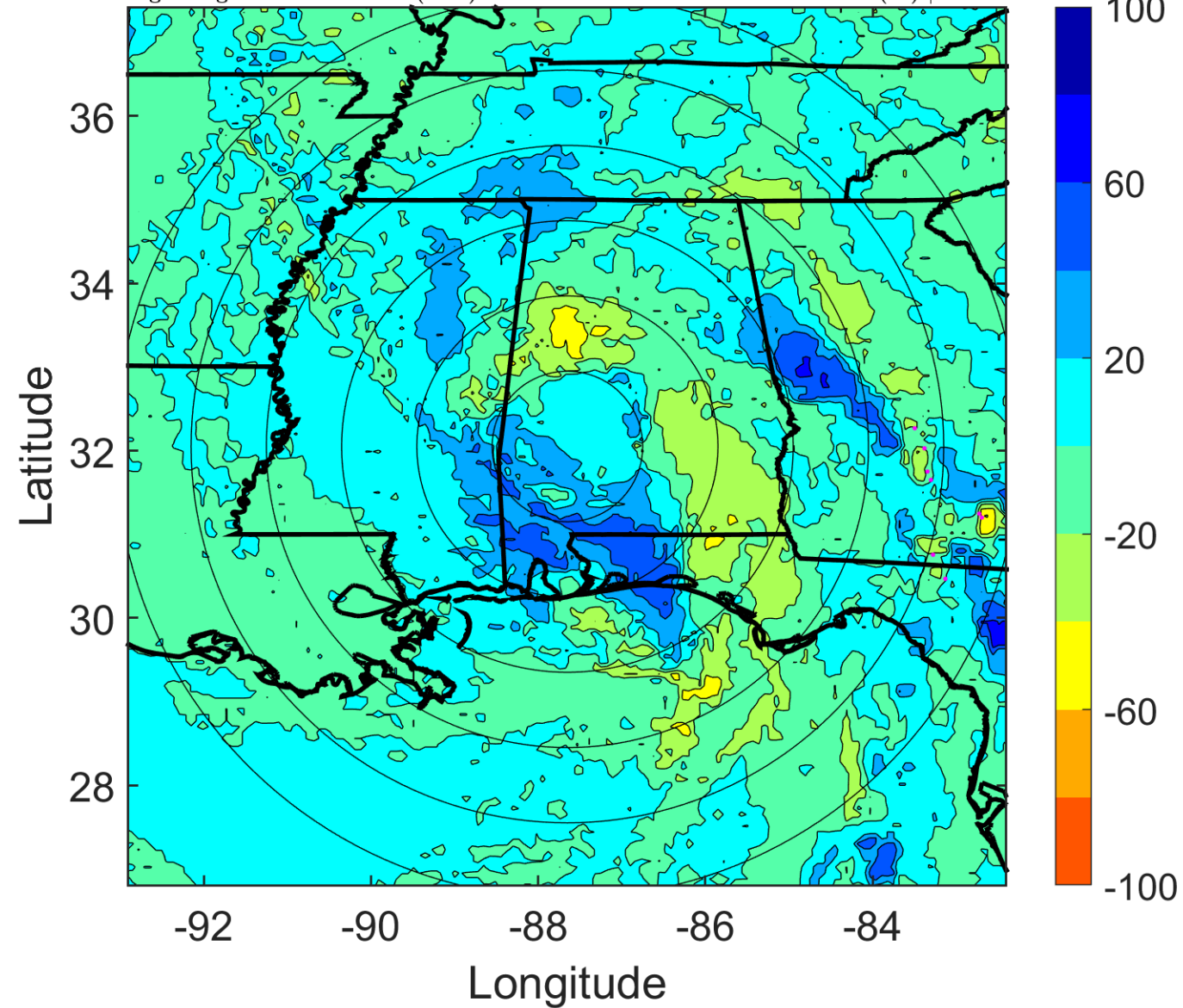
$\Delta$ t: 2005061203 (21.2 LT) - 2005061121 (15.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 27.5 kt TD

S: 8.7 m s<sup>-1</sup> (M) | H: 44°



### IR BT & Lightning

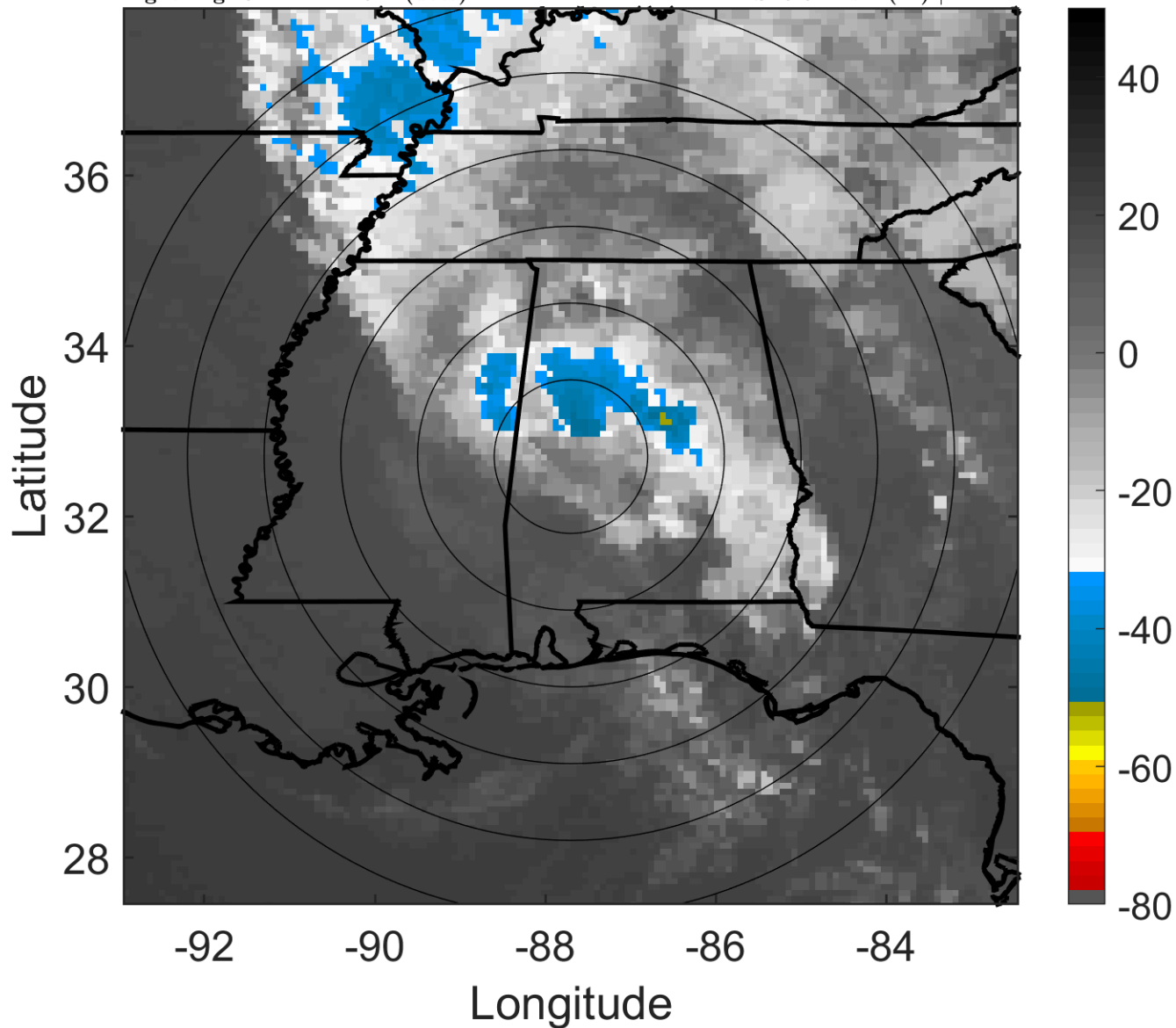
t: 2005061206 (0.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 25 kt TD

S: 9.6 m s<sup>-1</sup> (M) | H: 42°



### 6-h IR BT Differences & Lightning

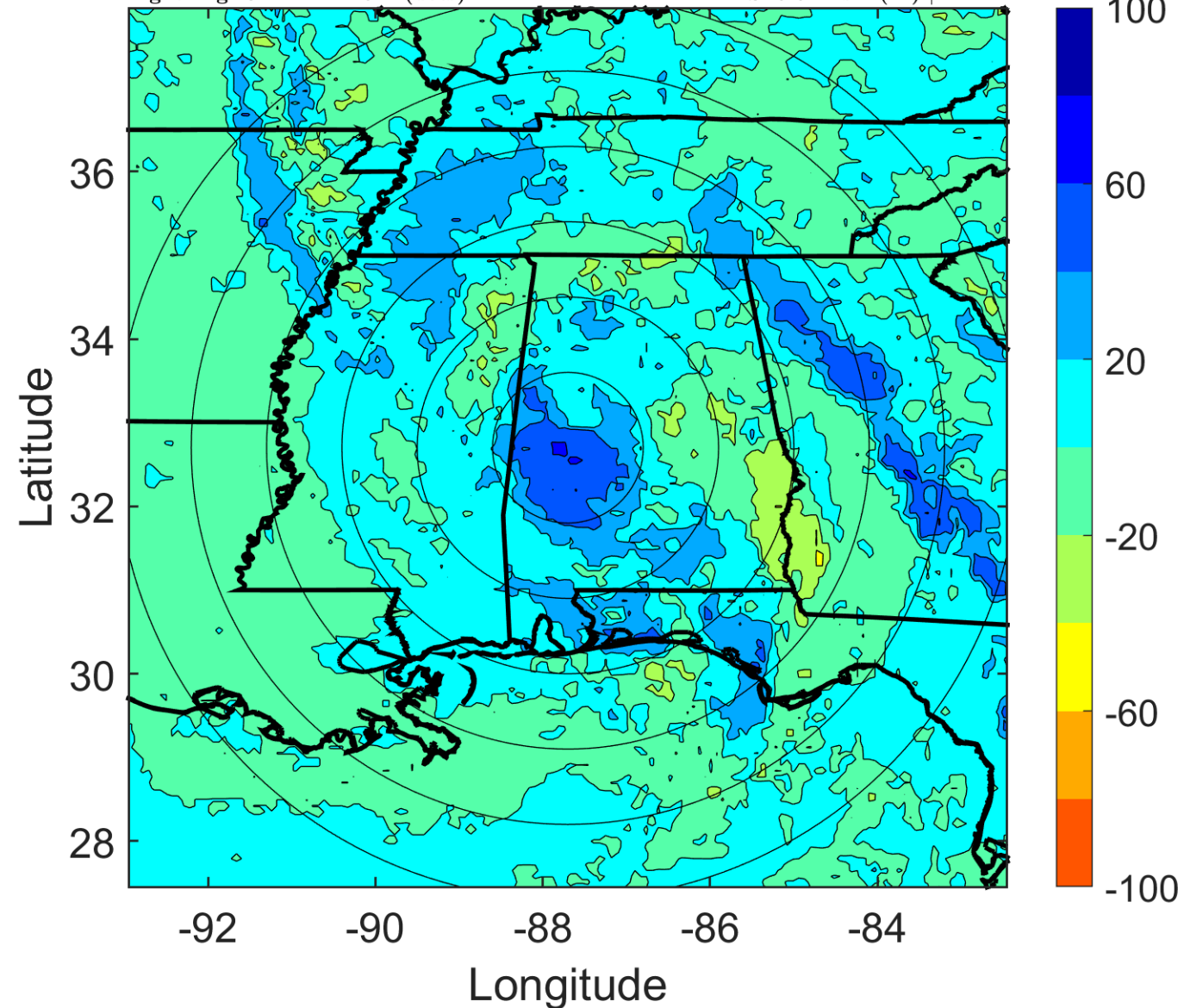
$\Delta$ t: 2005061206 (0.2 LT) - 2005061200 (18.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 25 kt TD

S: 9.6 m s<sup>-1</sup> (M) | H: 42°



### IR BT & Lightning

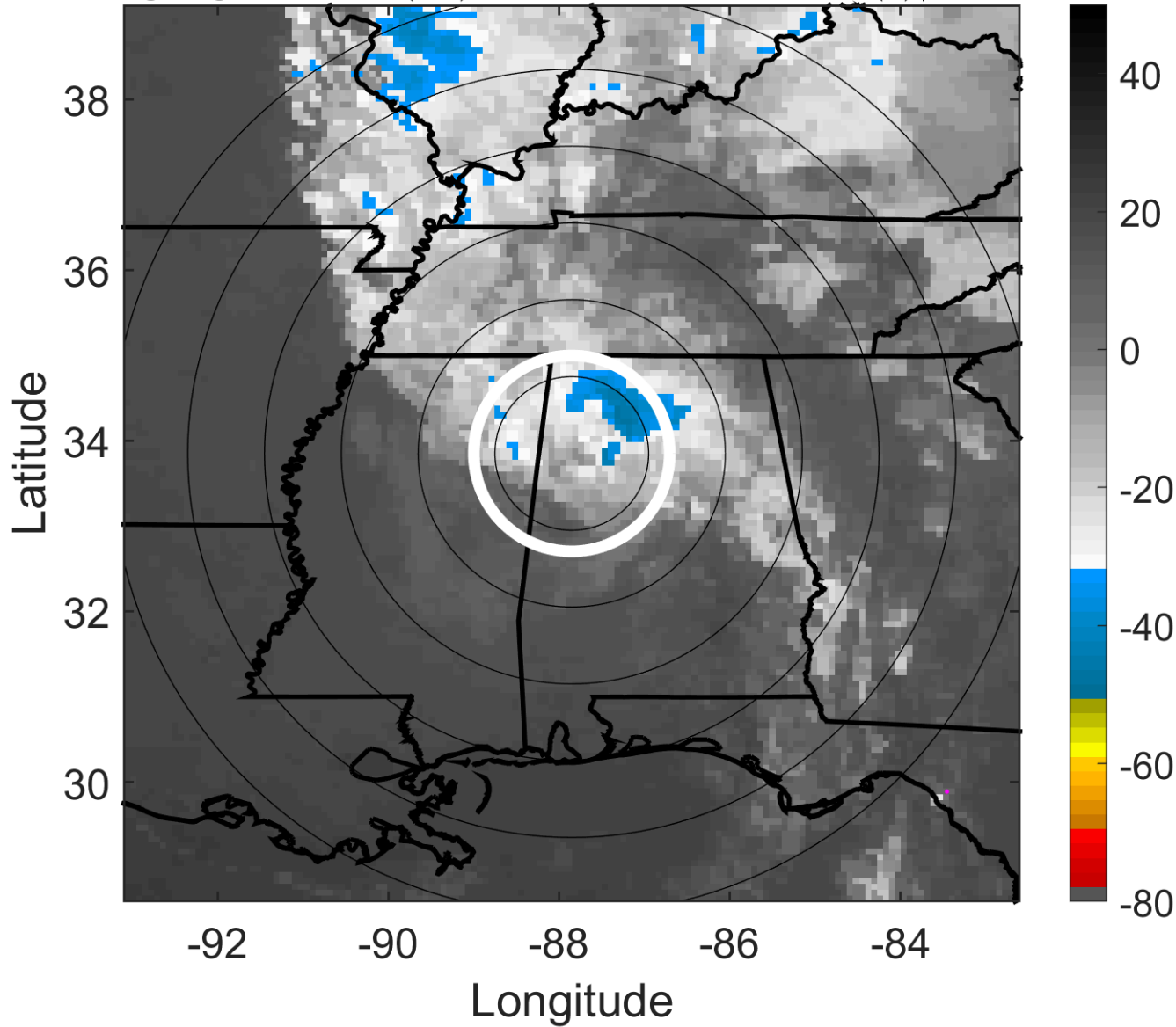
t: 2005061209 (3.1 LT)

Lightning: 3.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 22.5 kt TD

S: 11.3 m s<sup>-1</sup> (H) | H: 33.5°



### 6-h IR BT Differences & Lightning

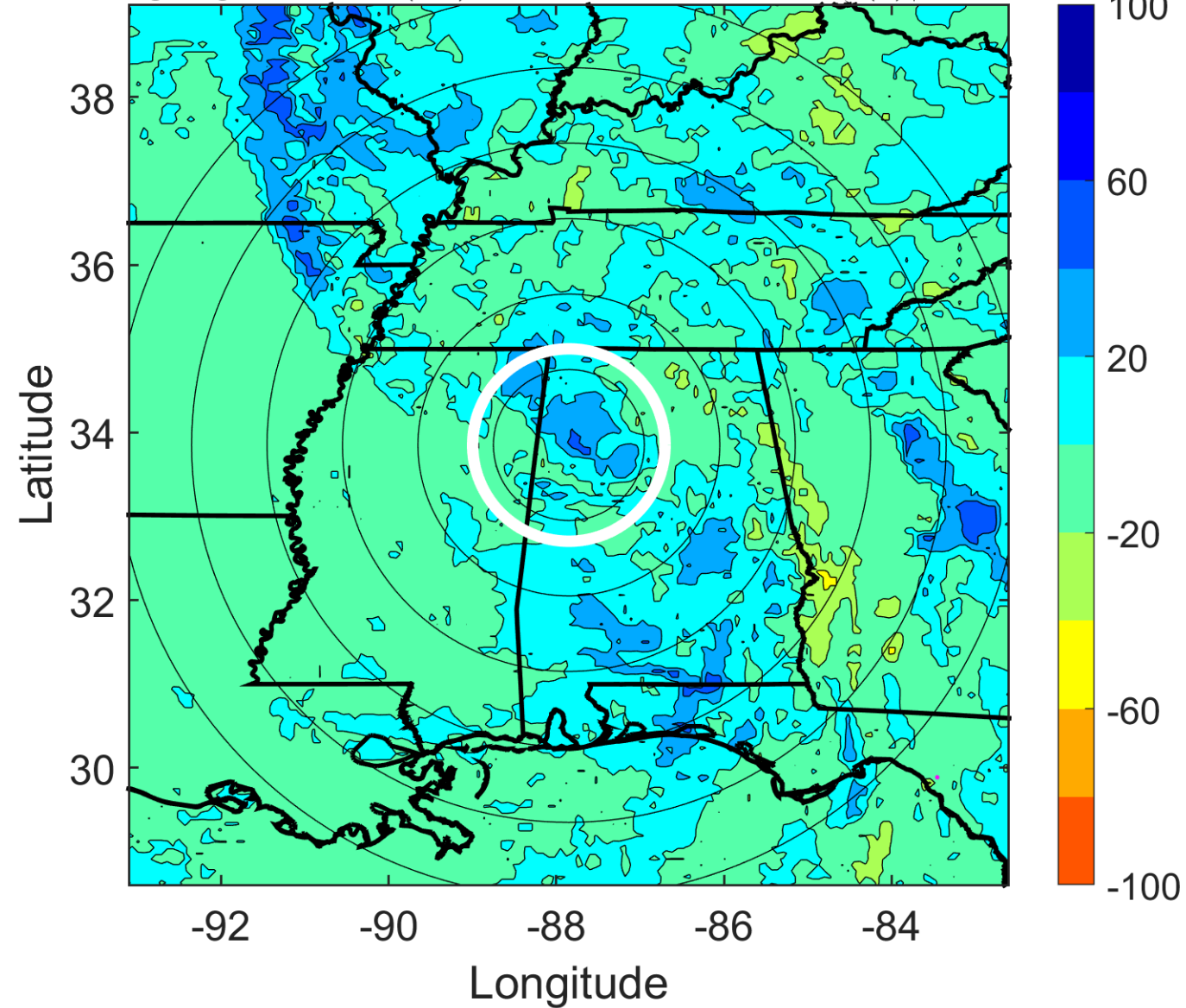
$\Delta$ t: 2005061209 (3.1 LT) - 2005061203 (21.2 LT)

Lightning: 3.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 22.5 kt TD

S: 11.3 m s<sup>-1</sup> (H) | H: 33.5°





### IR BT & Lightning

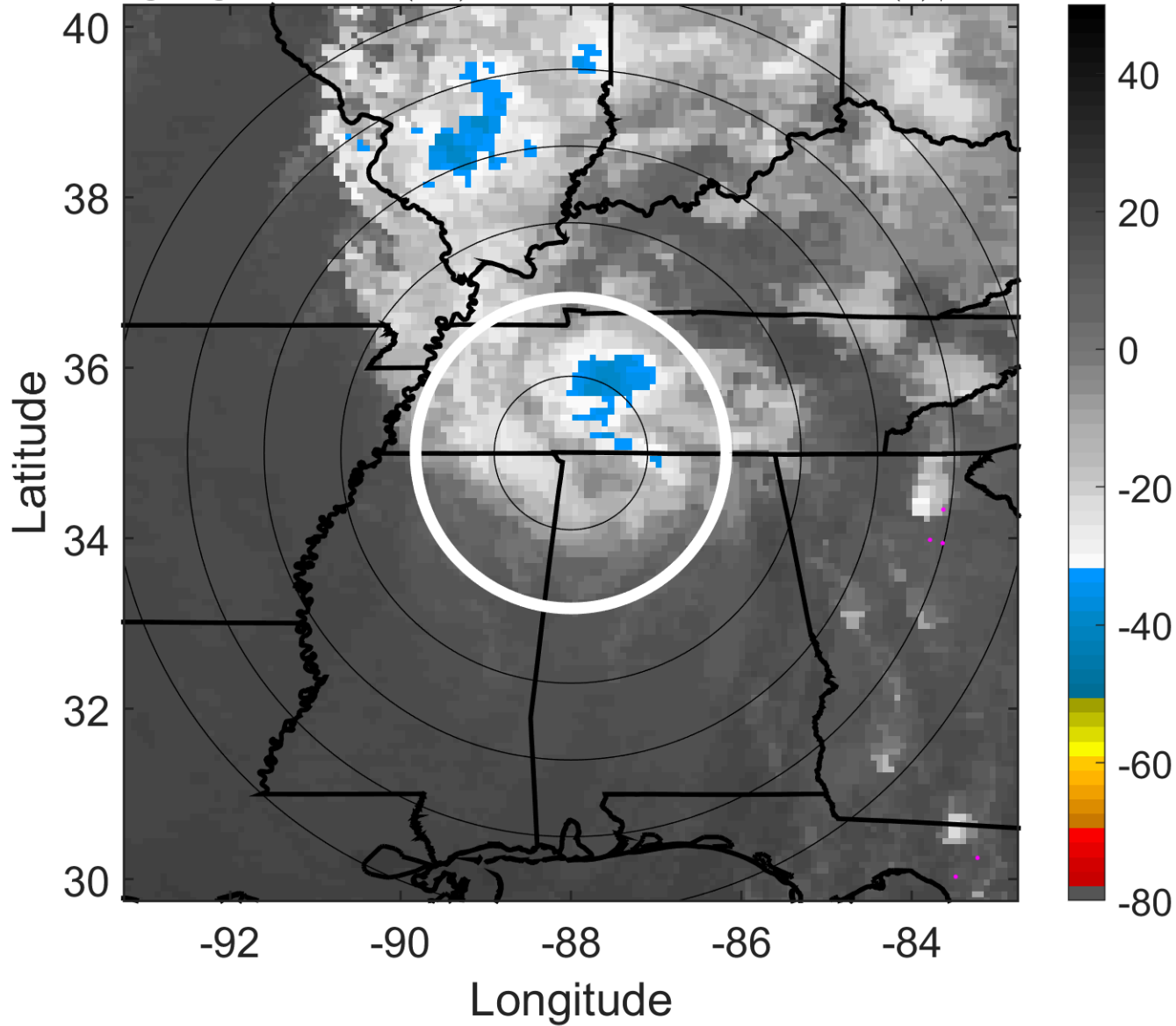
t: 2005061212 (6.1 LT)

Lightning: 6.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 13.1 m s<sup>-1</sup> (H) | H: 25°



### 6-h IR BT Differences & Lightning

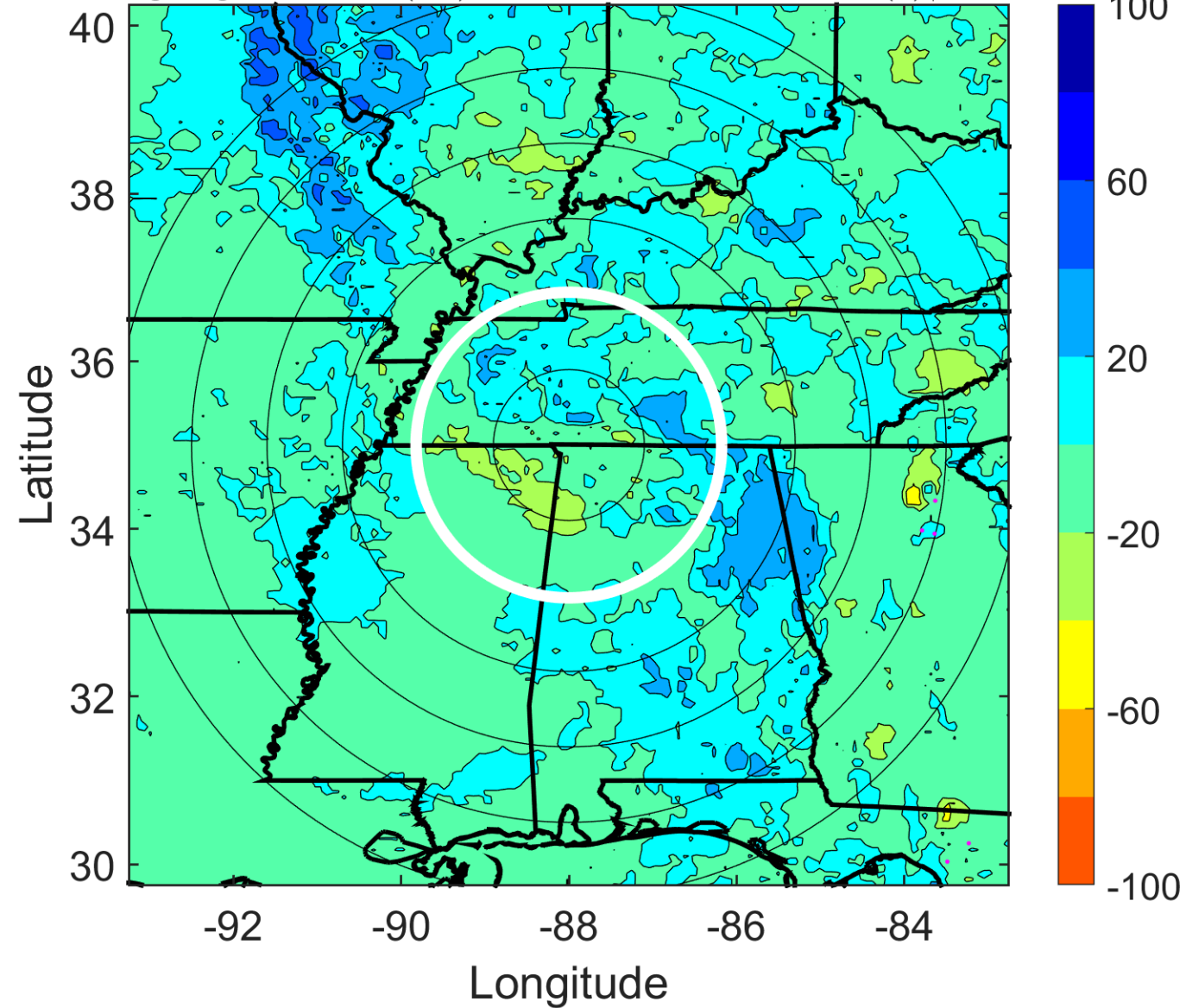
$\Delta$ t: 2005061212 (6.1 LT) - 2005061206 (0.2 LT)

Lightning: 6.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 13.1 m s<sup>-1</sup> (H) | H: 25°



### IR BT & Lightning

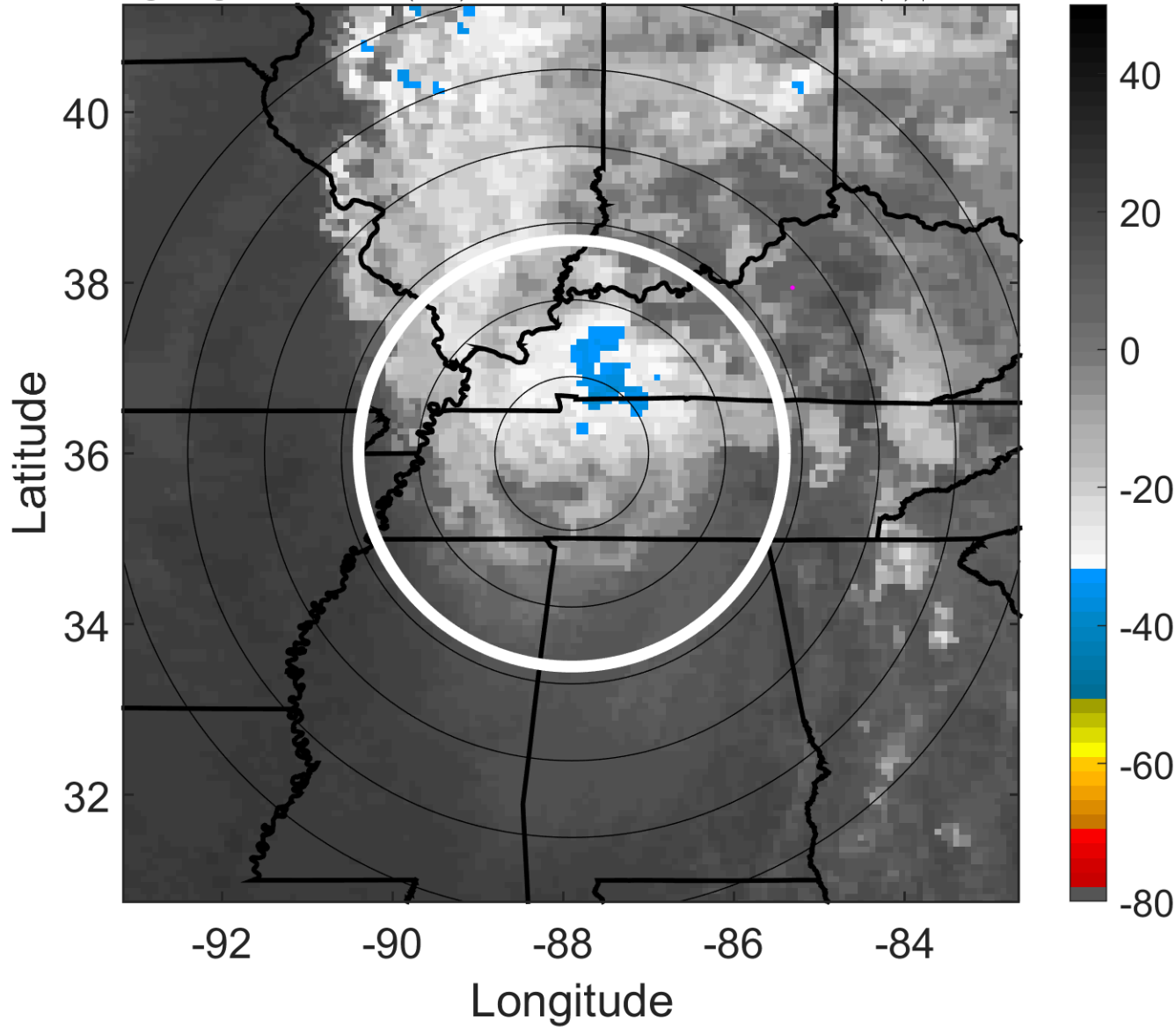
t: 2005061215 (9.1 LT)

Lightning: 9.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 14.6 m s<sup>-1</sup> (H) | H: 26.5°



### 6-h IR BT Differences & Lightning

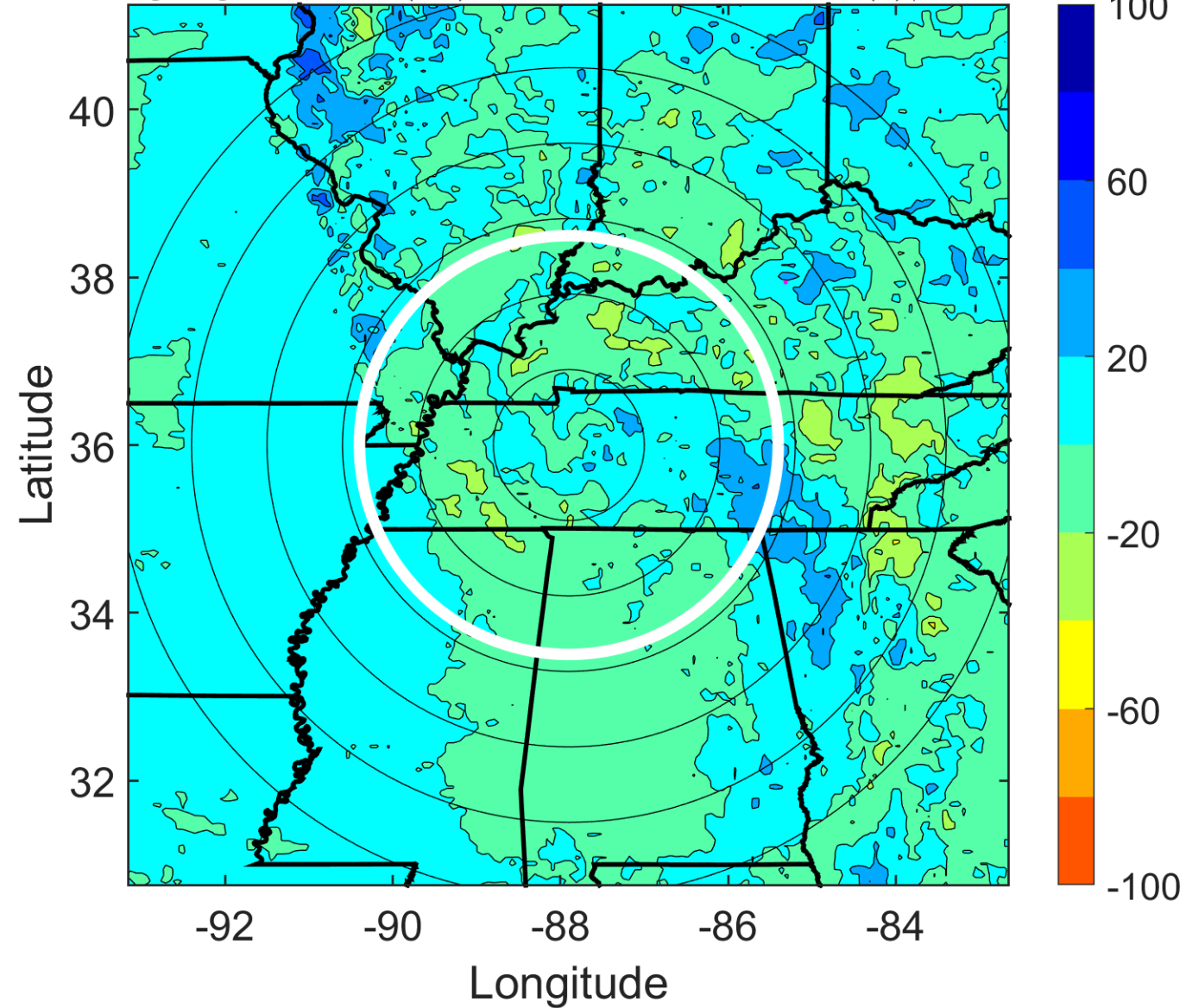
$\Delta$ t: 2005061215 (9.1 LT) - 2005061209 (3.1 LT)

Lightning: 9.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 14.6 m s<sup>-1</sup> (H) | H: 26.5°



### IR BT & Lightning

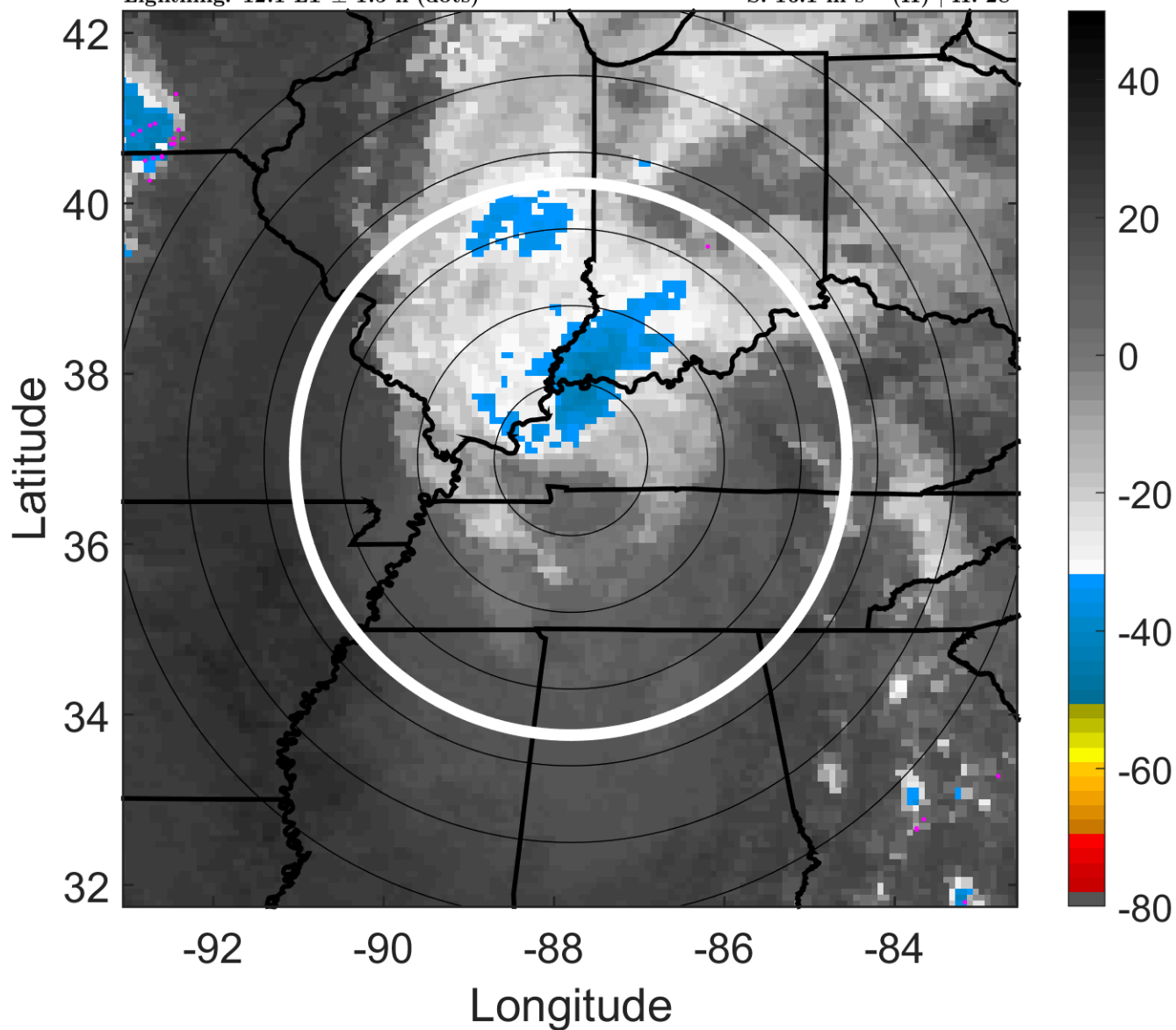
t: 2005061218 (12.1 LT)

Lightning: 12.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 16.1 m s<sup>-1</sup> (H) | H: 28°



### 6-h IR BT Differences & Lightning

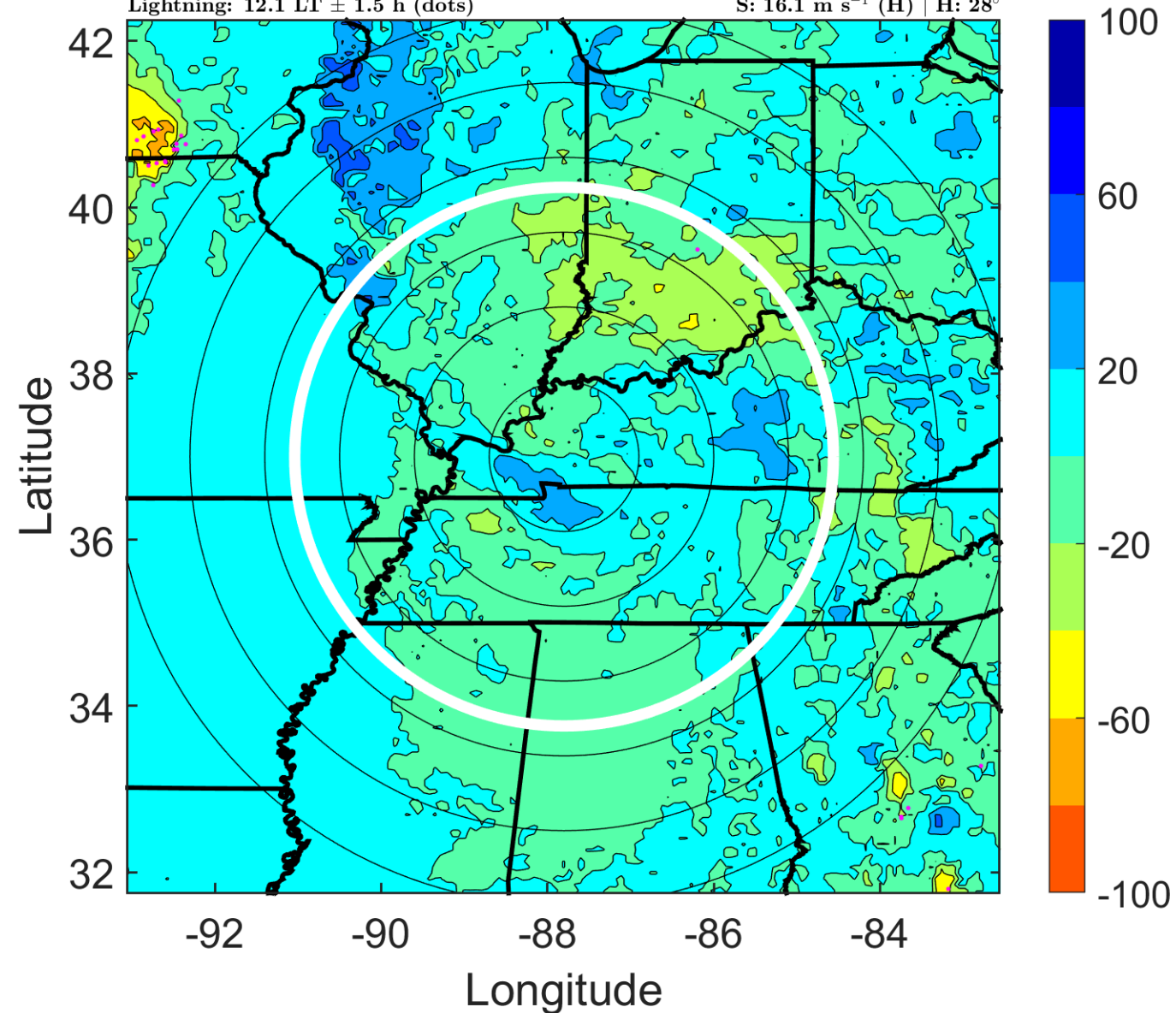
$\Delta$ t: 2005061218 (12.1 LT) - 2005061212 (6.1 LT)

Lightning: 12.1 LT  $\pm$  1.5 h (dots)

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 16.1 m s<sup>-1</sup> (H) | H: 28°





### IR BT & Lightning

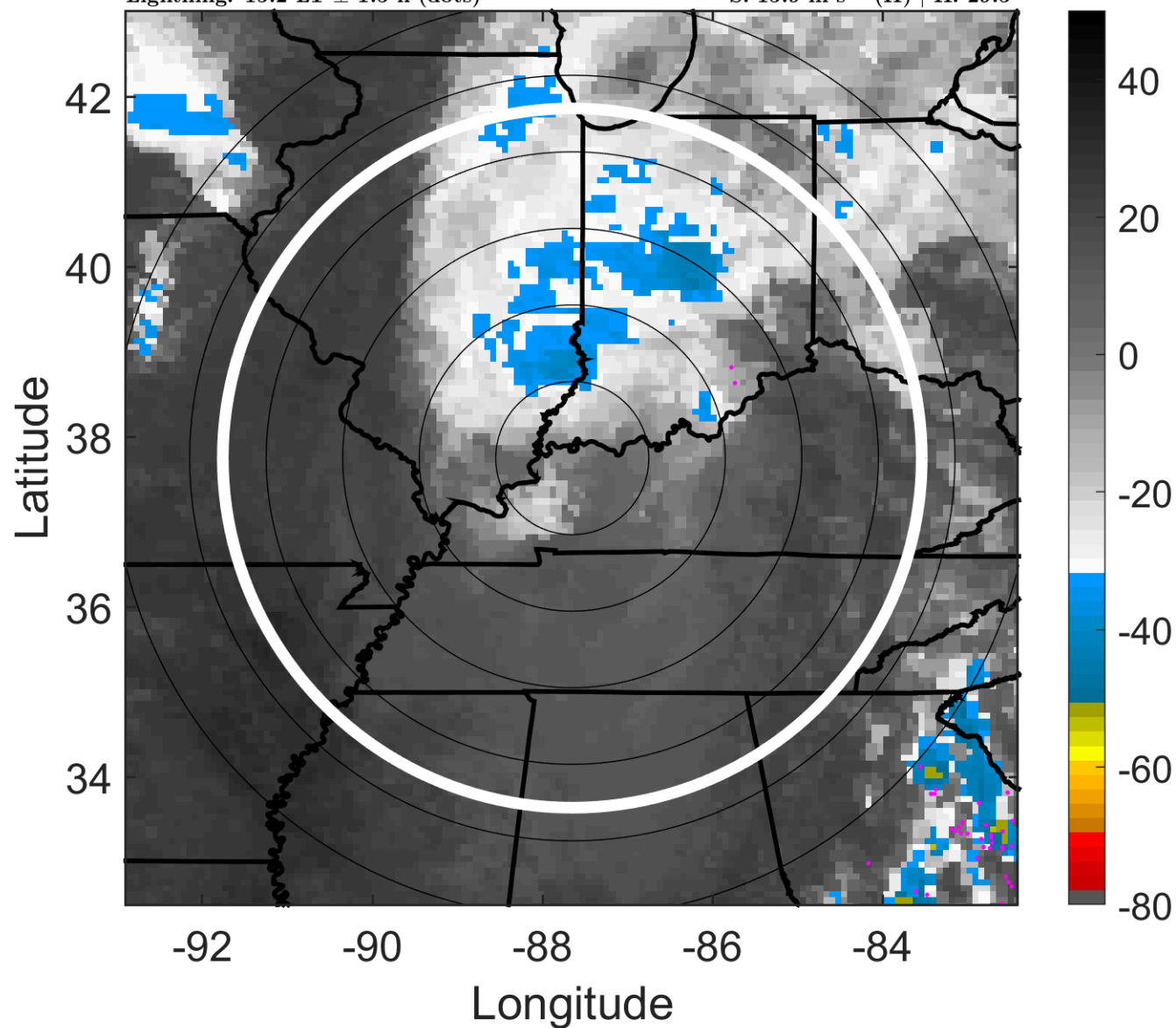
t: 2005061221 (15.2 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 15.9 m s<sup>-1</sup> (H) | H: 29.5°



### 6-h IR BT Differences & Lightning

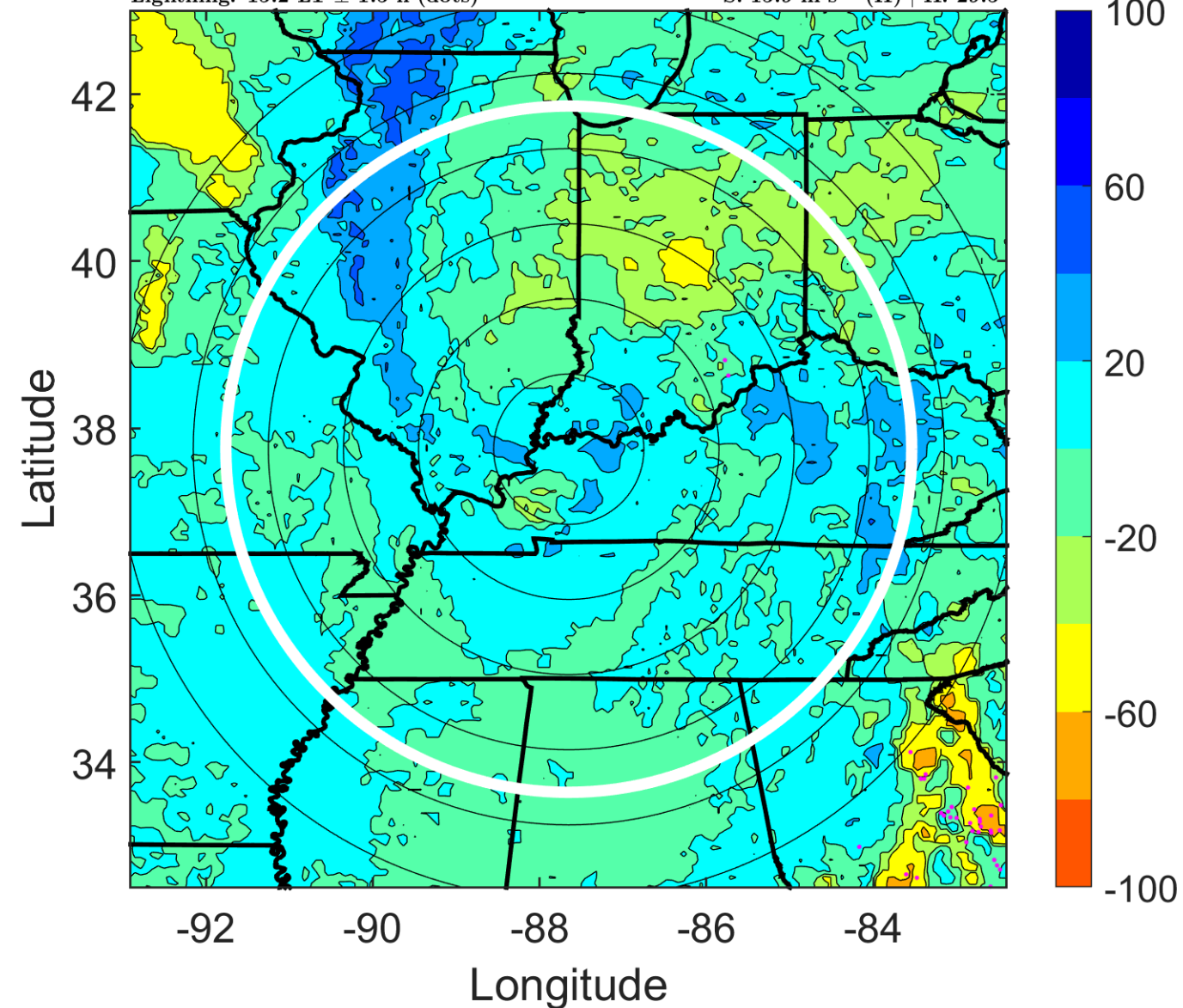
$\Delta$ t: 2005061221 (15.2 LT) - 2005061215 (9.1 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 15.9 m s<sup>-1</sup> (H) | H: 29.5°



### IR BT & Lightning

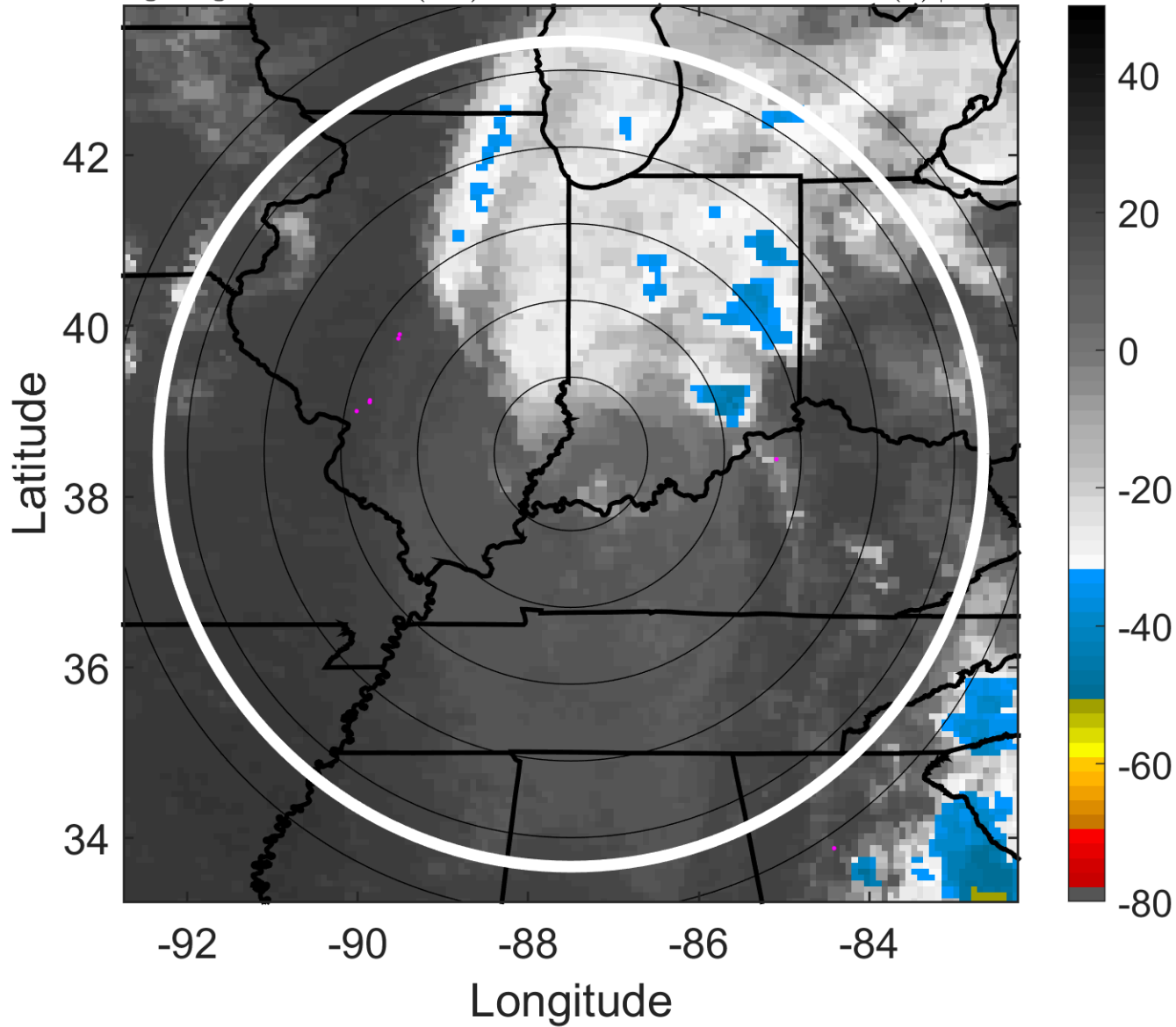
t: 2005061300 (18.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 15.6 m s<sup>-1</sup> (H) | H: 31°



### 6-h IR BT Differences & Lightning

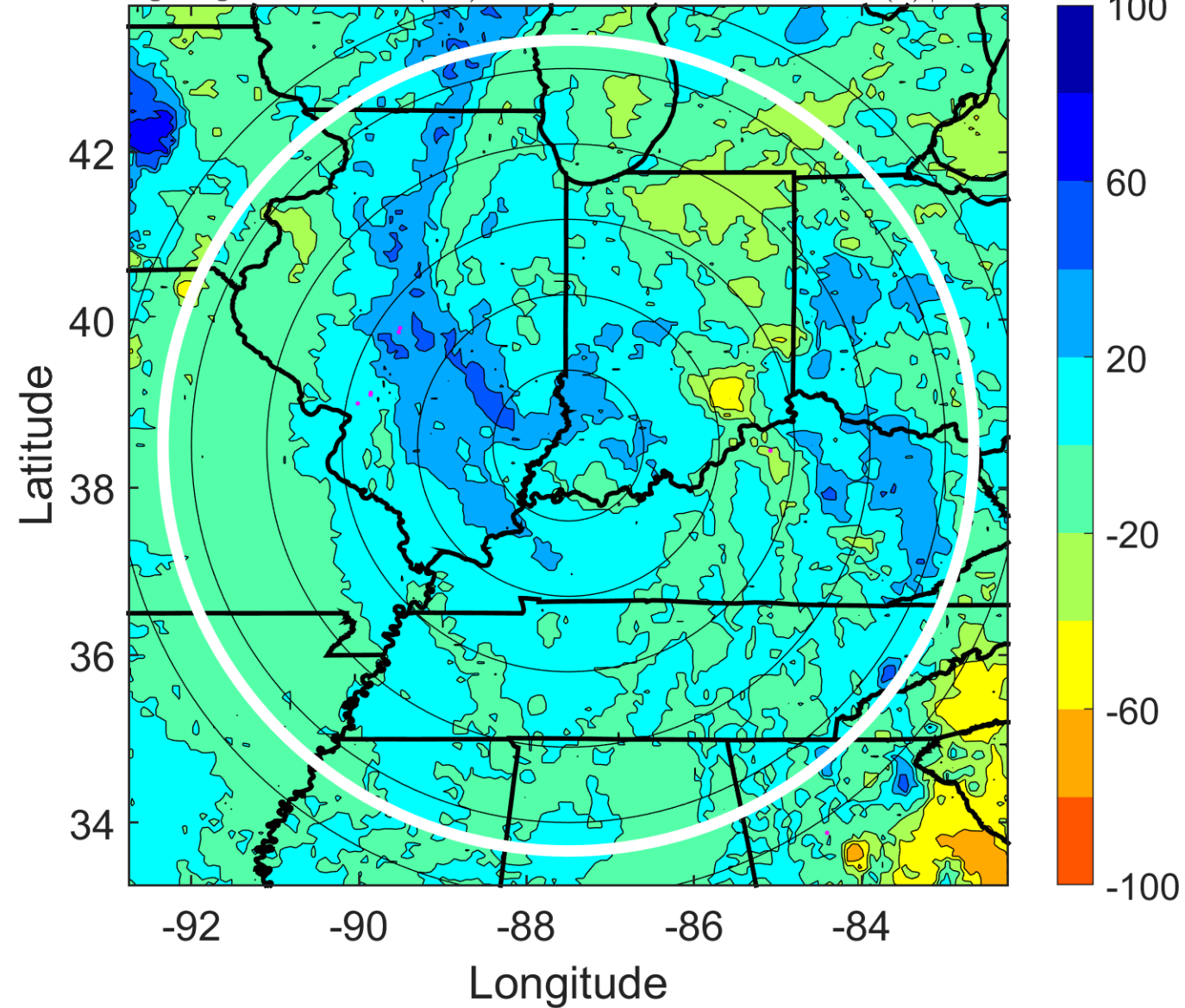
$\Delta$ t: 2005061300 (18.2 LT) - 2005061218 (12.1 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 15.6 m s<sup>-1</sup> (H) | H: 31°



### IR BT & Lightning

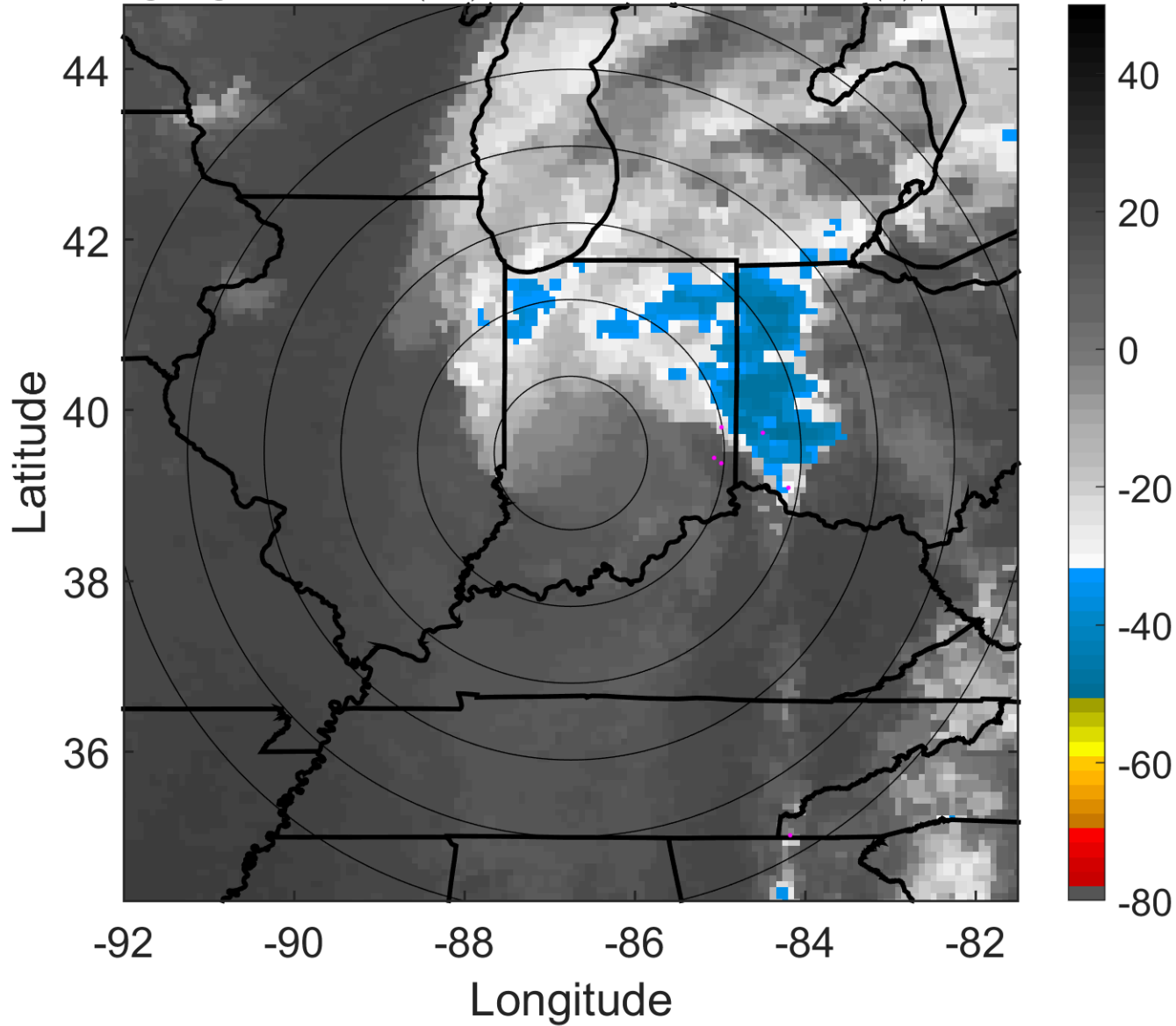
t: 2005061303 (21.2 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 14.7 m s<sup>-1</sup> (H) | H: 36.5°



### 6-h IR BT Differences & Lightning

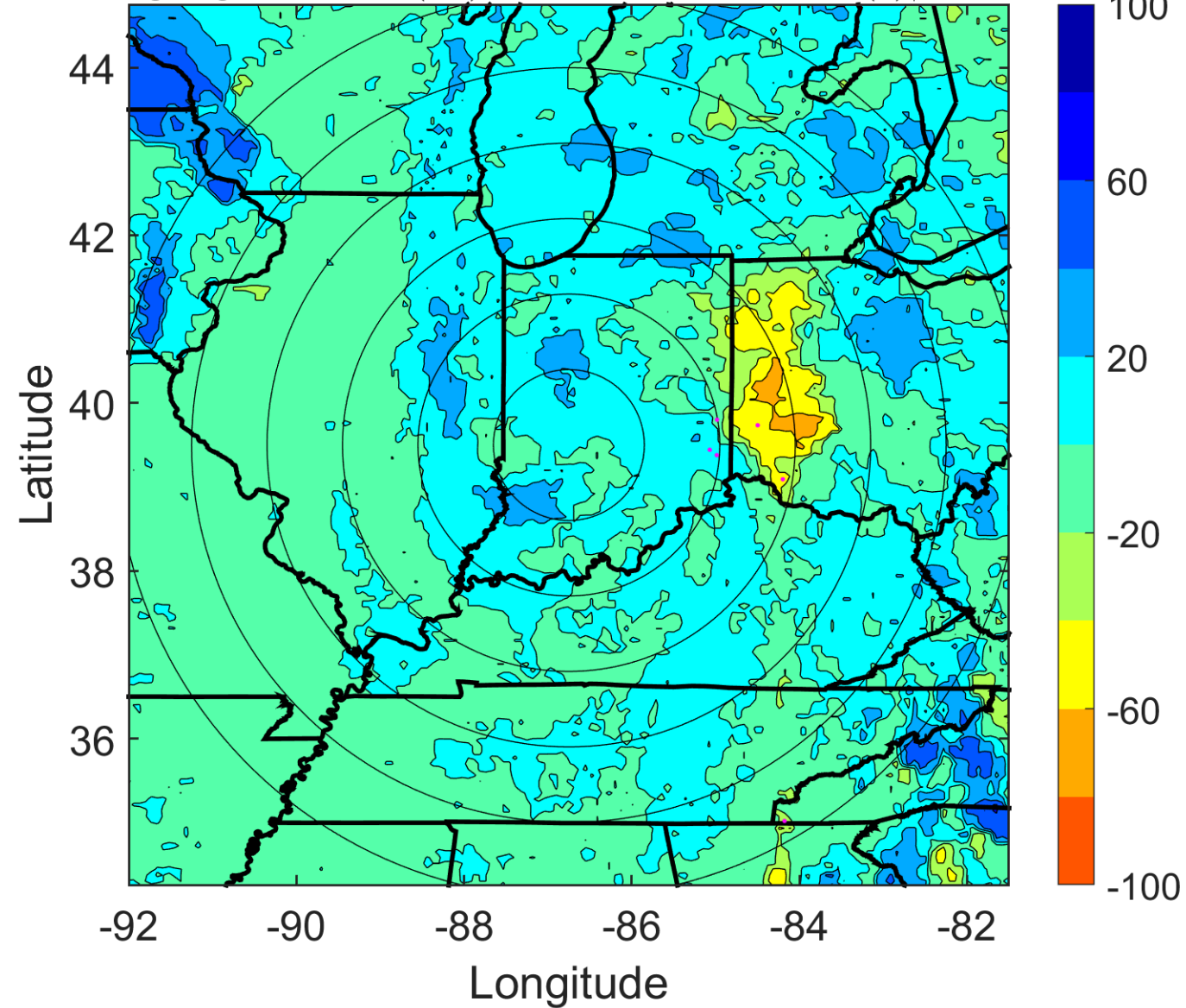
$\Delta$ t: 2005061303 (21.2 LT) - 2005061221 (15.2 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 14.7 m s<sup>-1</sup> (H) | H: 36.5°





### IR BT & Lightning

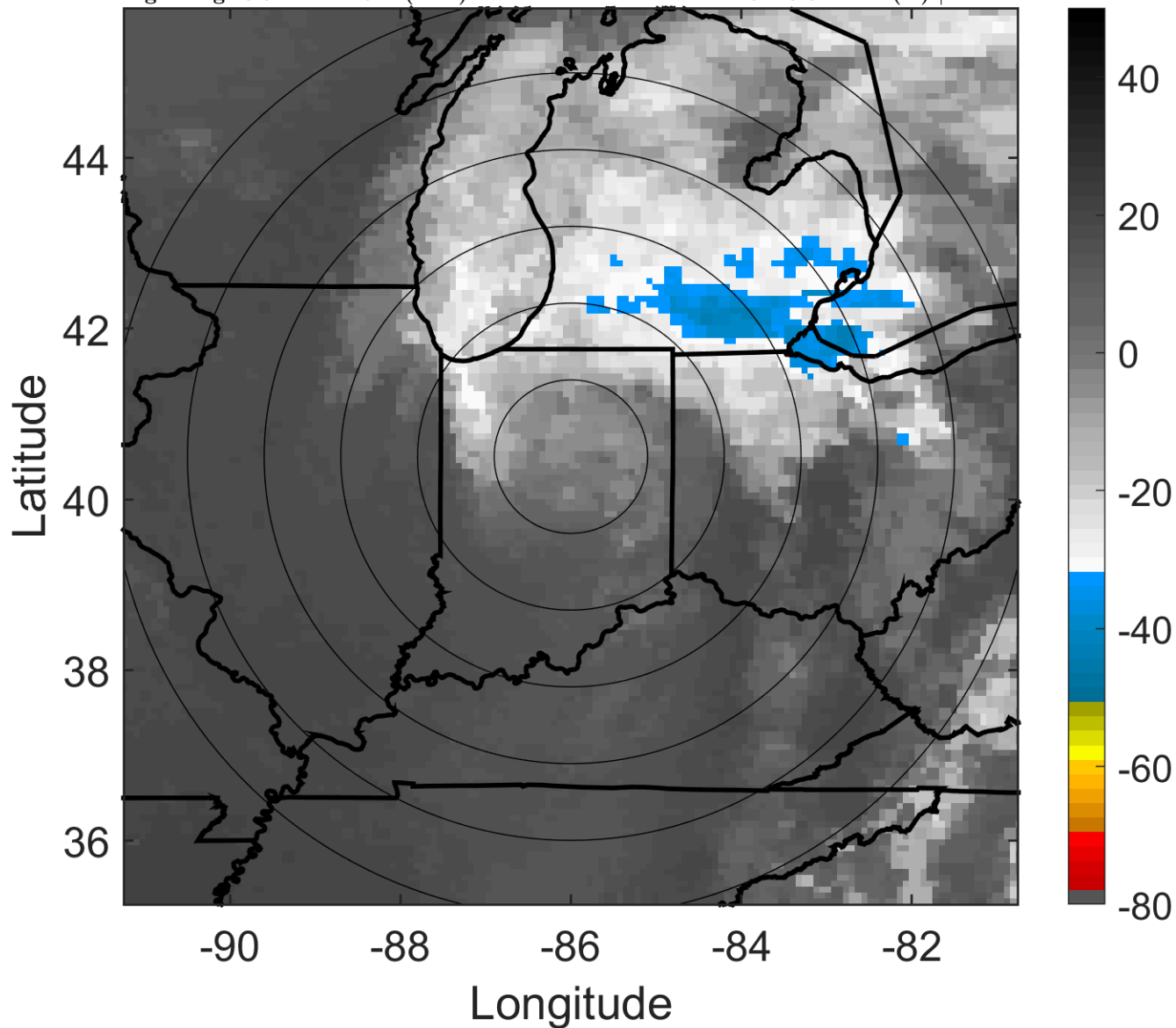
t: 2005061306 (0.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 13.8 m s<sup>-1</sup> (H) | H: 42°



### 6-h IR BT Differences & Lightning

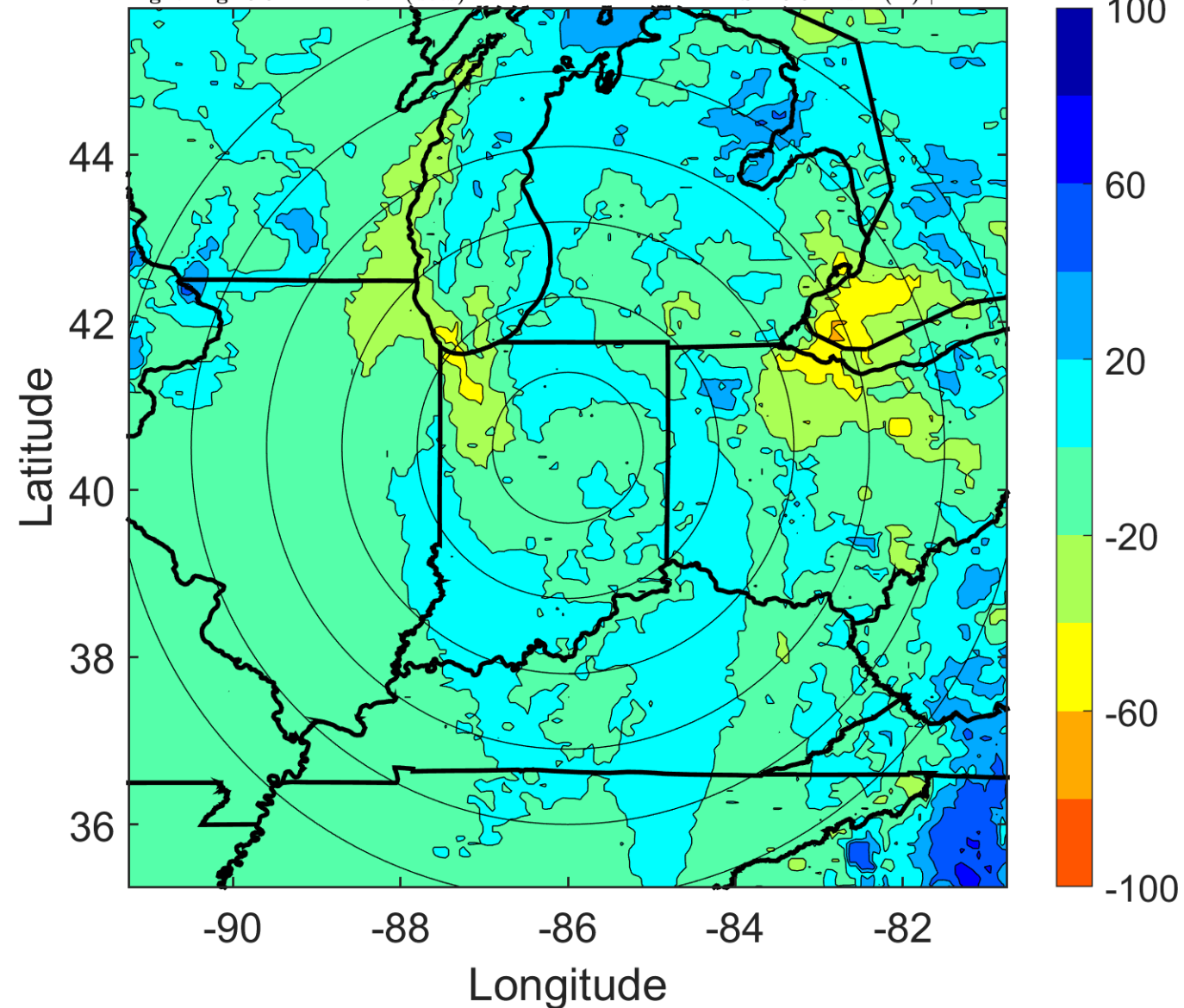
$\Delta$ t: 2005061306 (0.3 LT) - 2005061300 (18.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: 13.8 m s<sup>-1</sup> (H) | H: 42°



### IR BT & Lightning

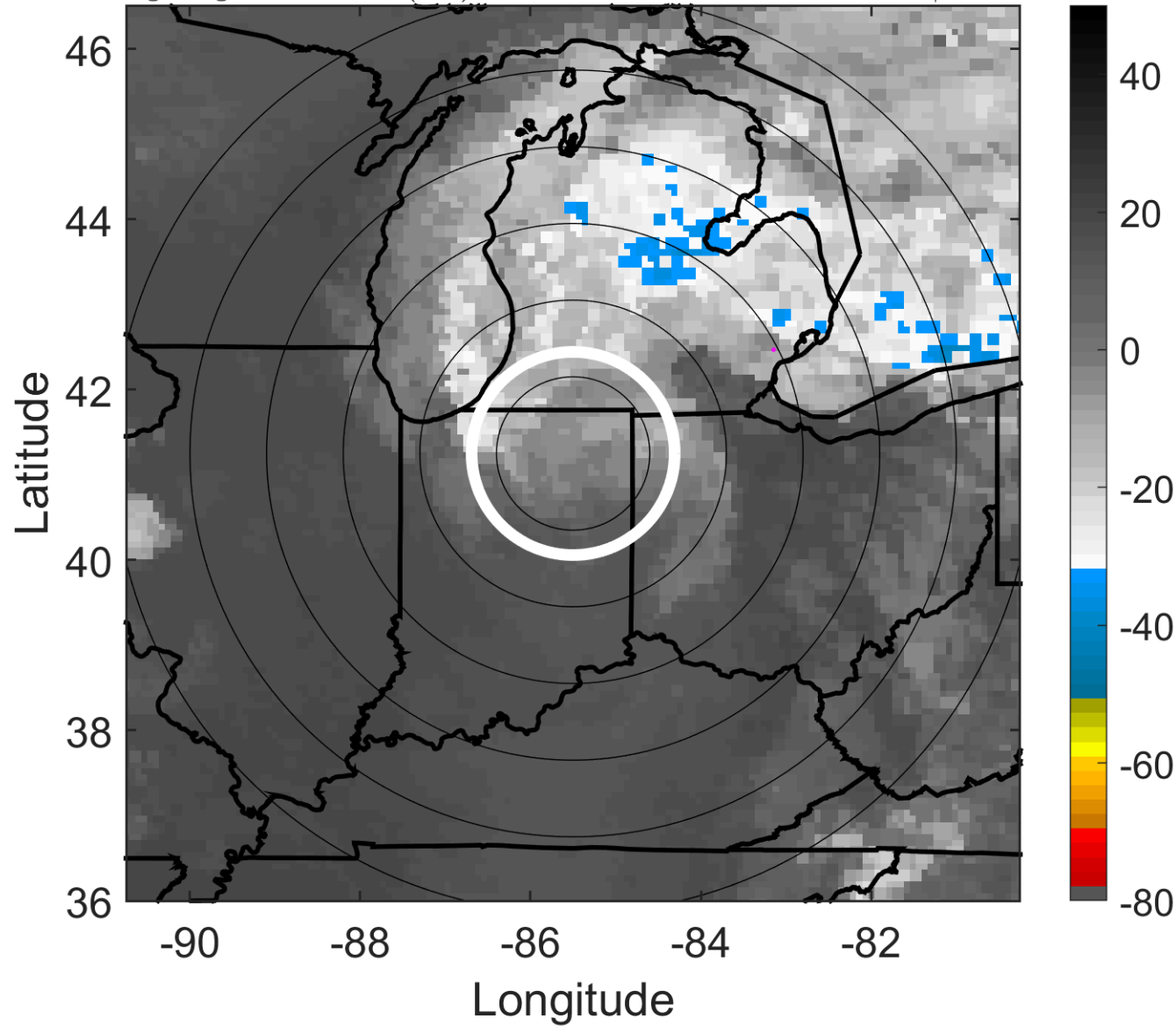
t: 2005061309 (3.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: null | H: null



### 6-h IR BT Differences & Lightning

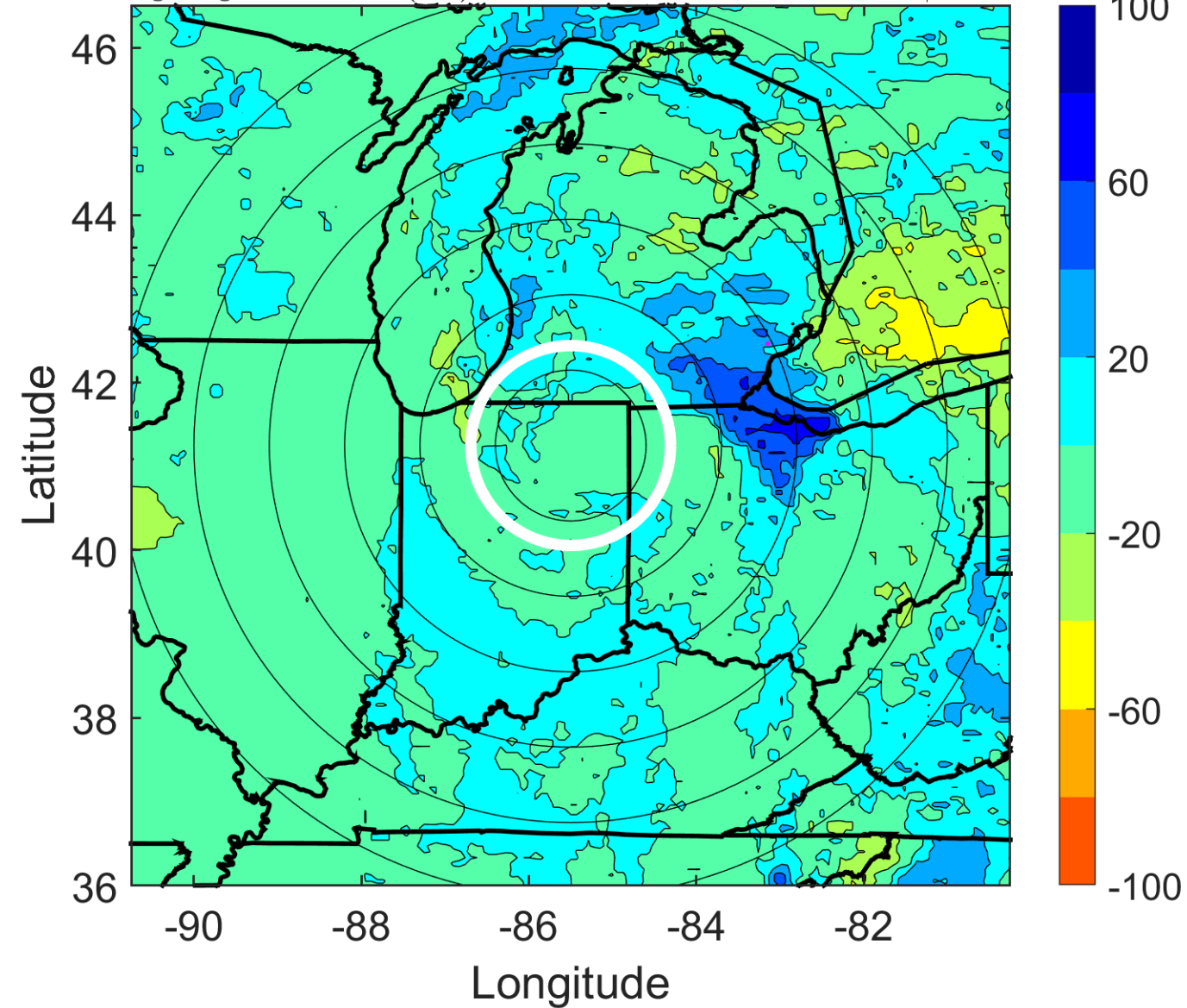
$\Delta$ t: 2005061309 (3.3 LT) - 2005061303 (21.2 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt TD

S: null | H: null



### IR BT & Lightning

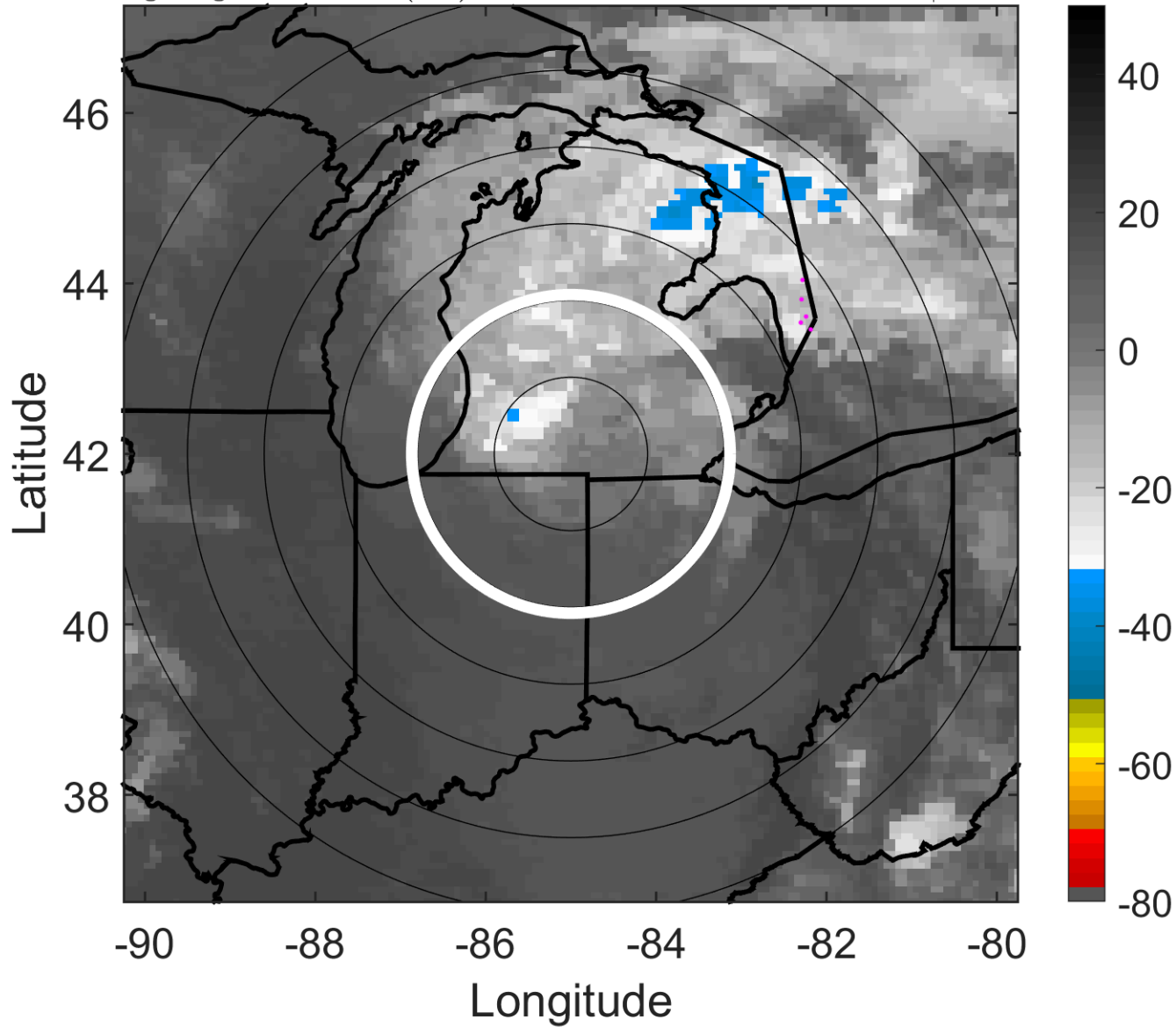
t: 2005061312 (6.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt LO

S: null | H: null



### 6-h IR BT Differences & Lightning

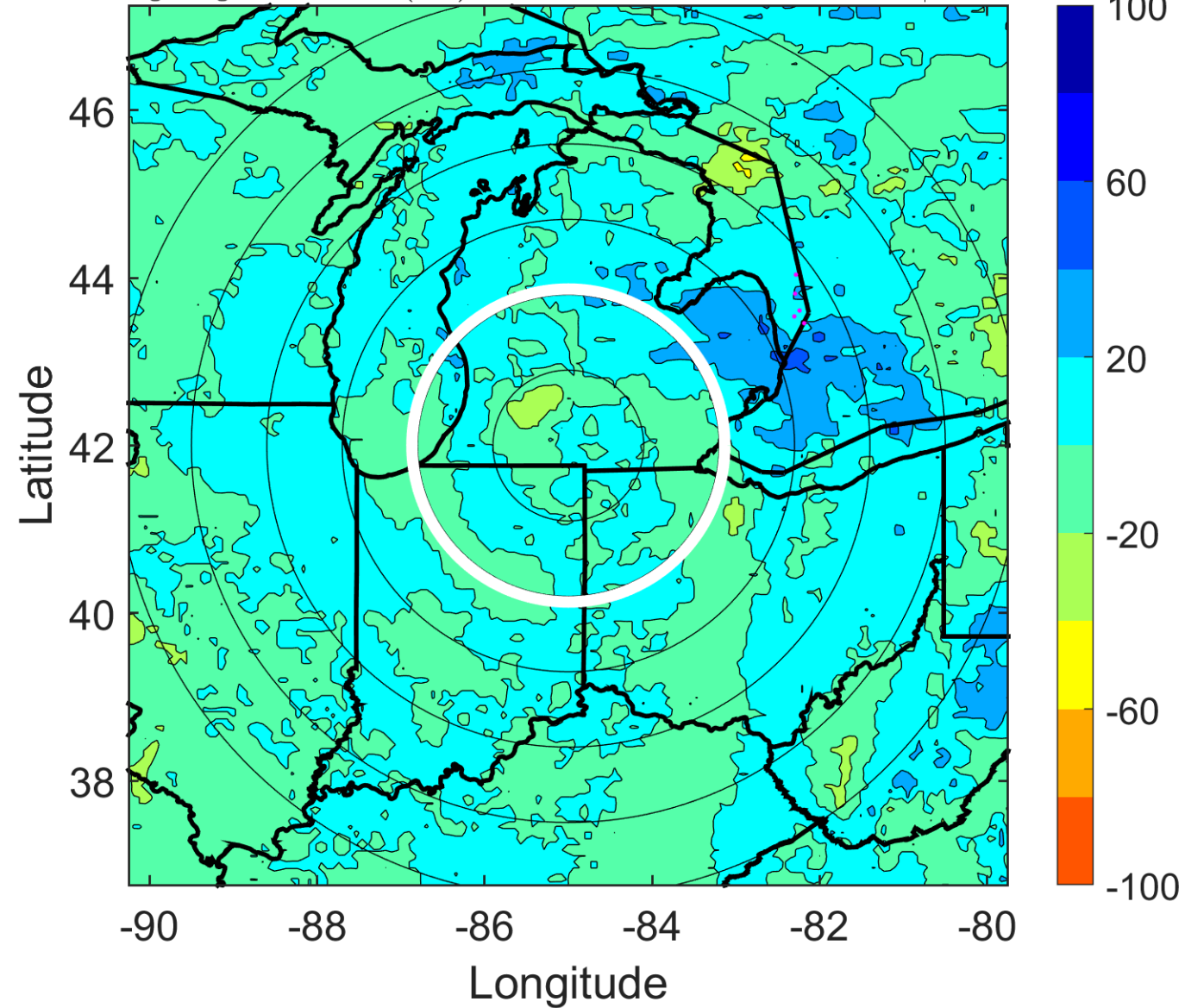
$\Delta$ t: 2005061312 (6.3 LT) - 2005061306 (0.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt LO

S: null | H: null





### IR BT & Lightning

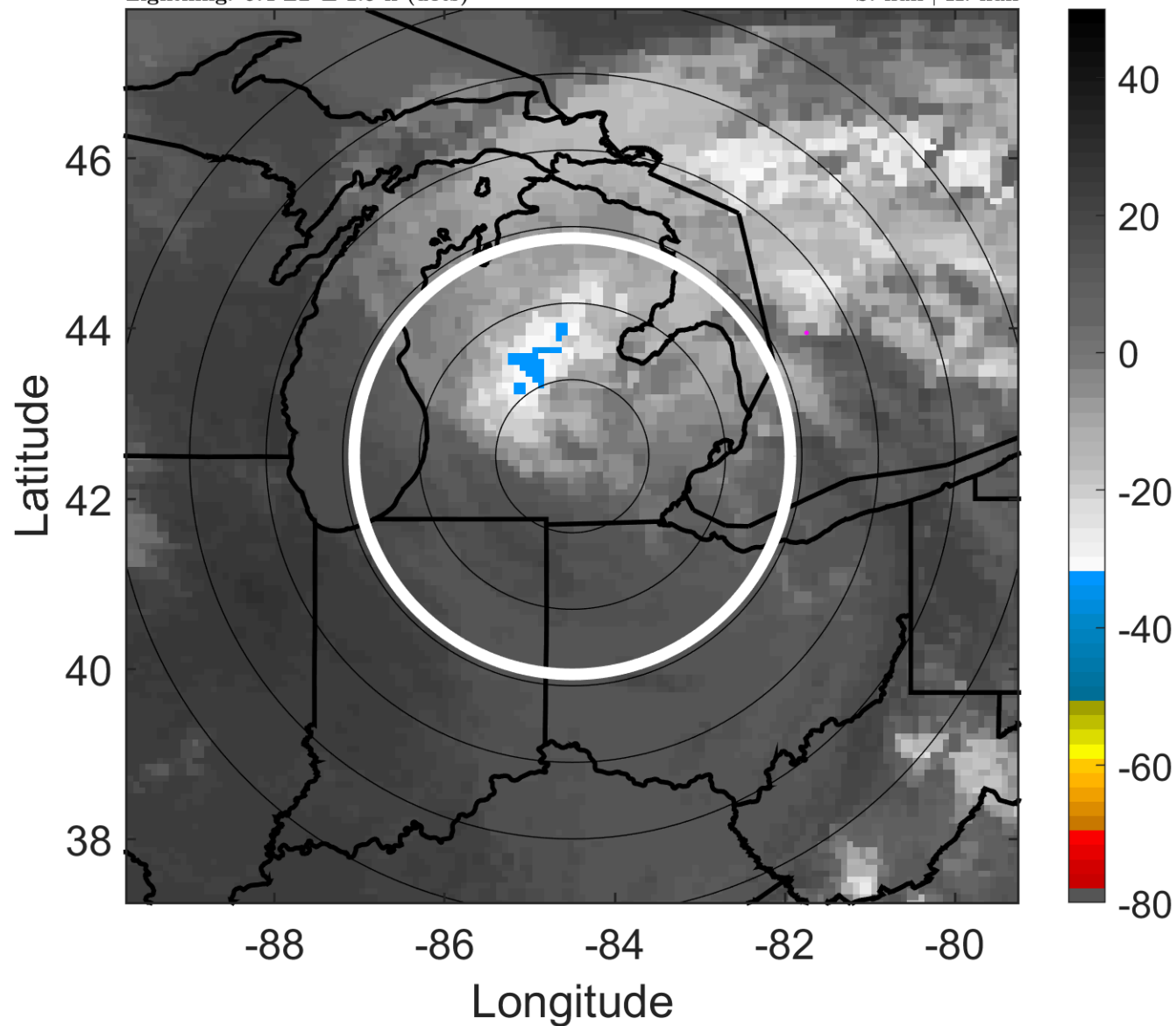
t: 2005061315 (9.4 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt LO

S: null | H: null



### 6-h IR BT Differences & Lightning

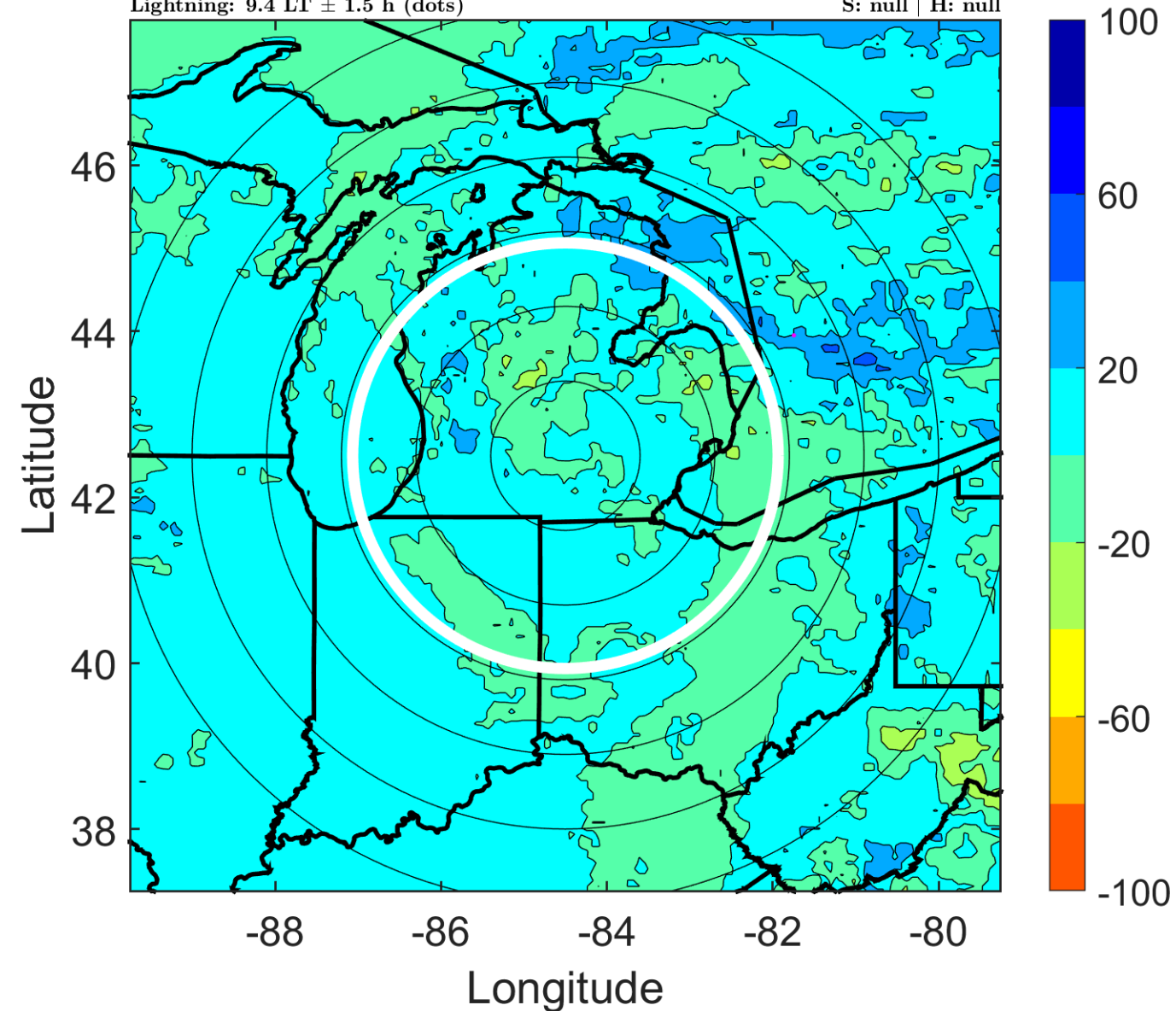
$\Delta$ t: 2005061315 (9.4 LT) - 2005061309 (3.3 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt LO

S: null | H: null



### IR BT & Lightning

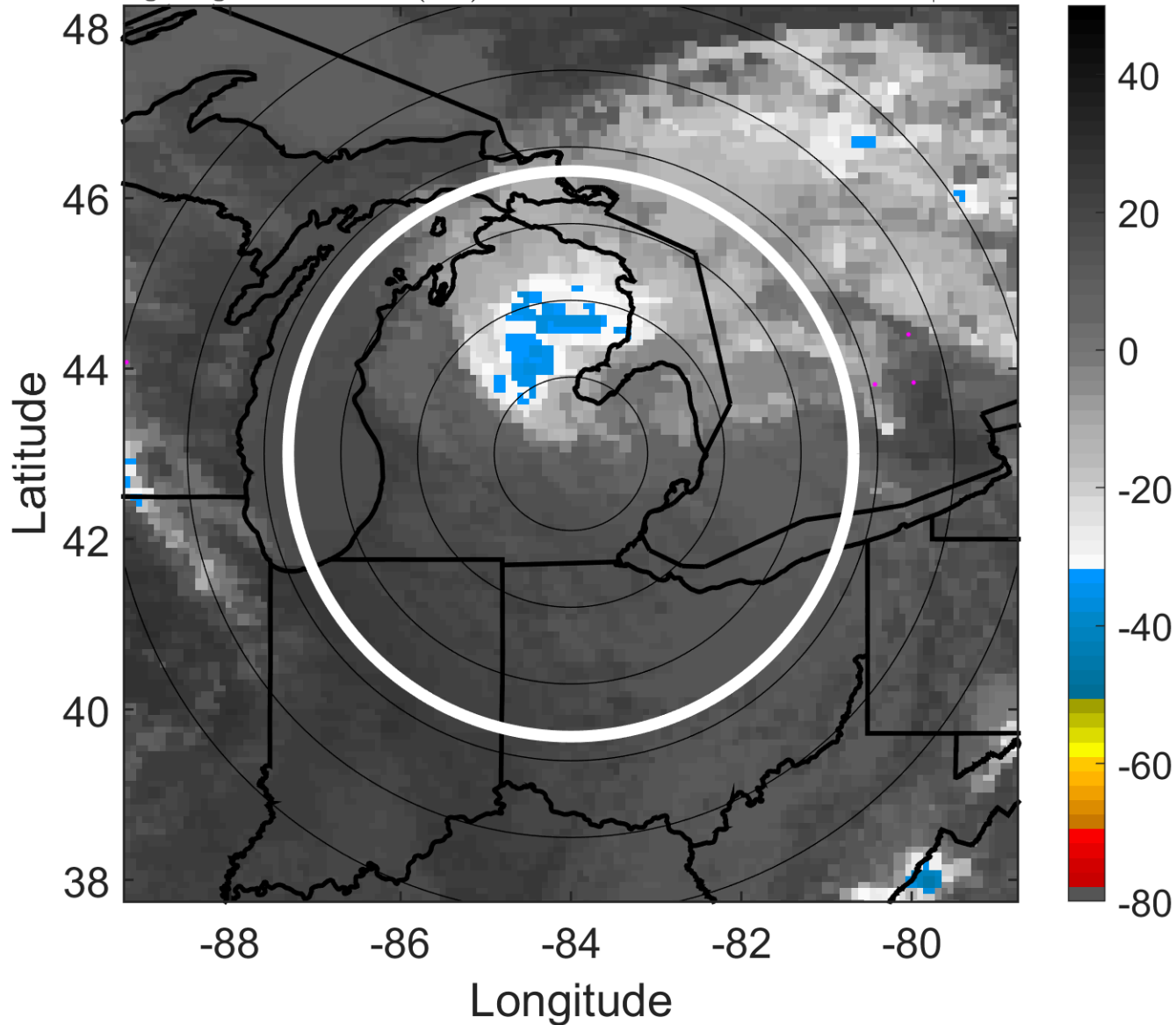
t: 2005061318 (12.4 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

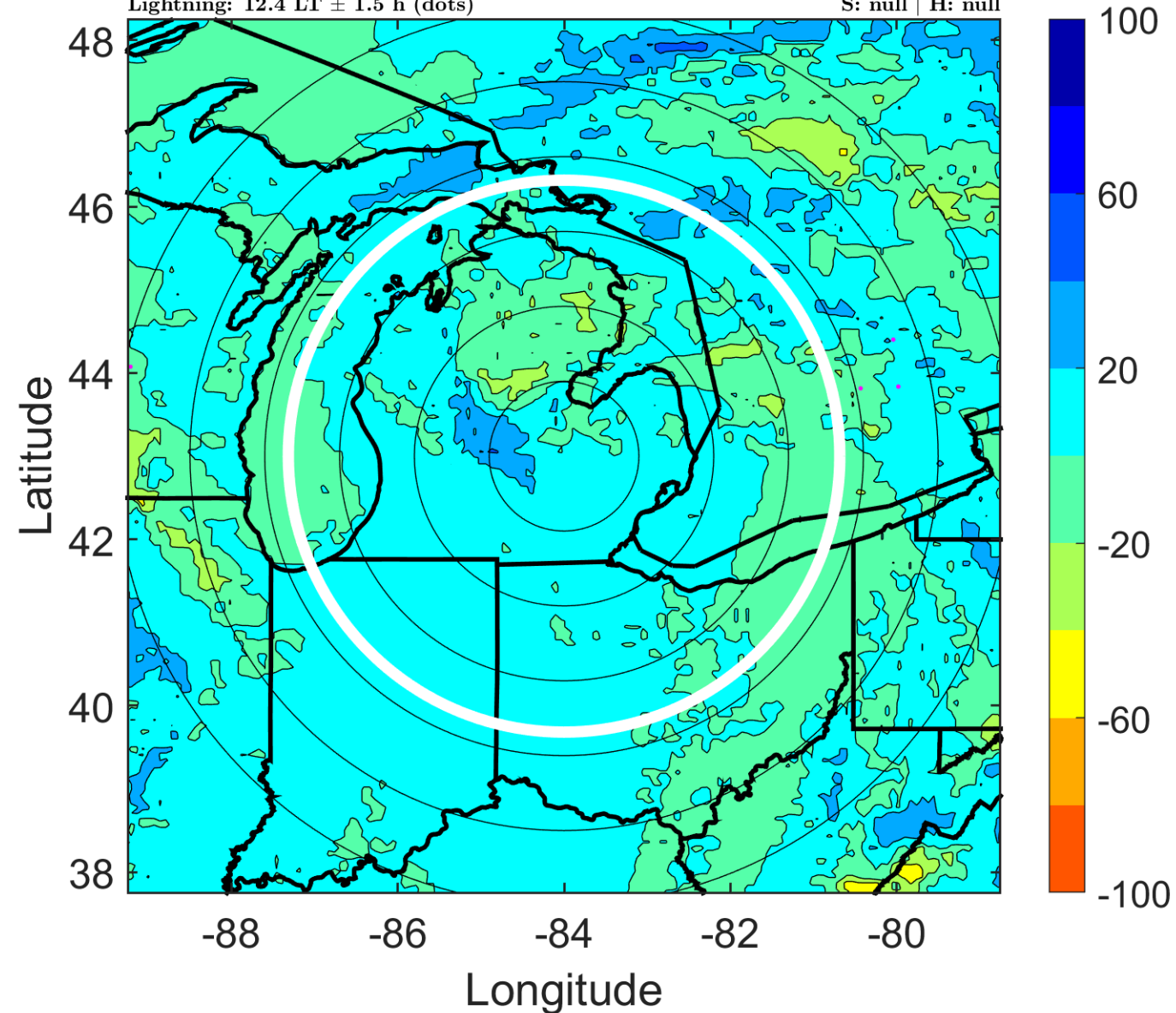
$\Delta$ t: 2005061318 (12.4 LT) - 2005061312 (6.3 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### IR BT & Lightning

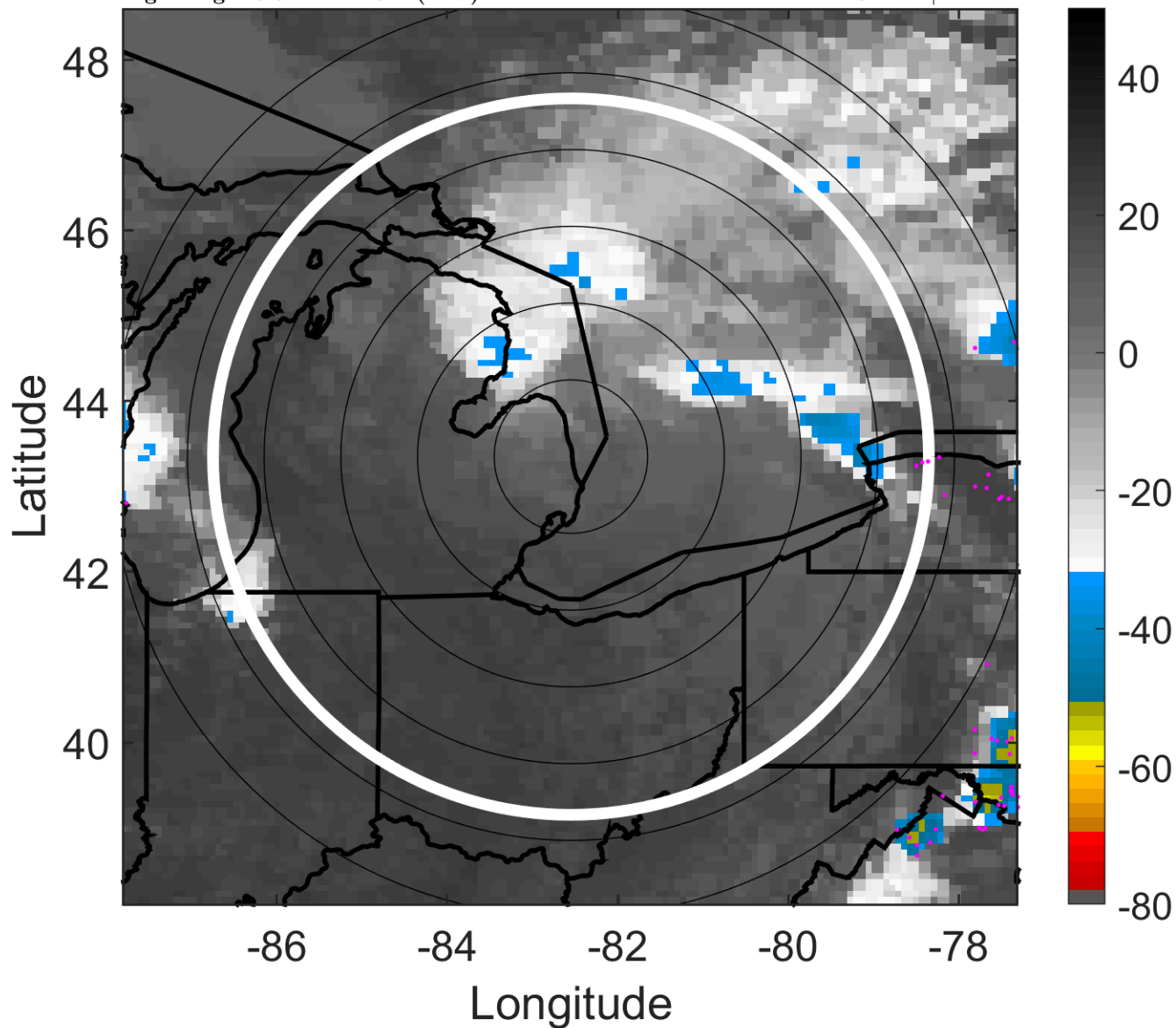
t: 2005061321 (15.5 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

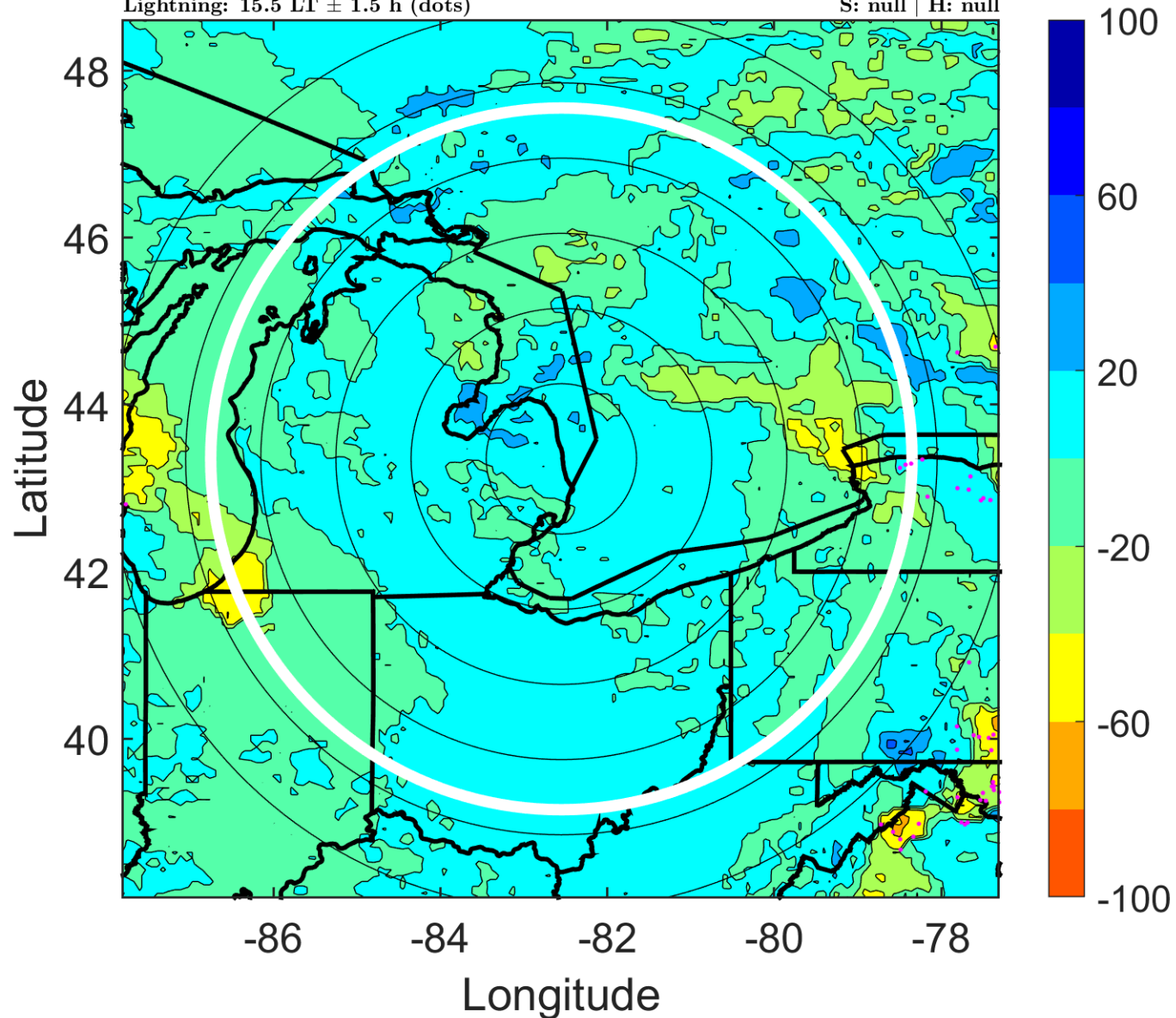
$\Delta$ t: 2005061321 (15.5 LT) - 2005061315 (9.4 LT)

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

LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null





### IR BT & Lightning

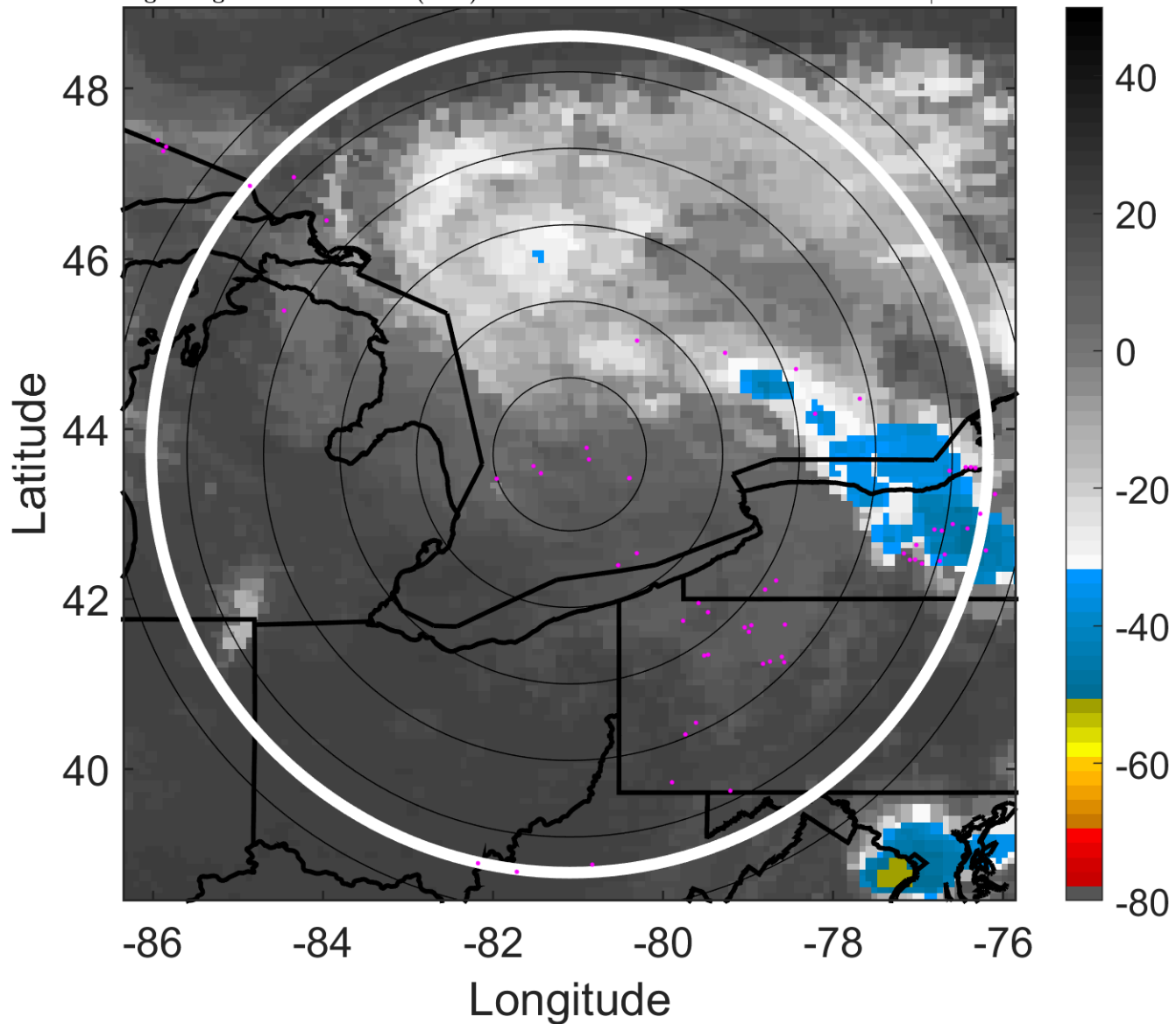
t: 2005061400 (18.6 LT)

Lightning: 18.6 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

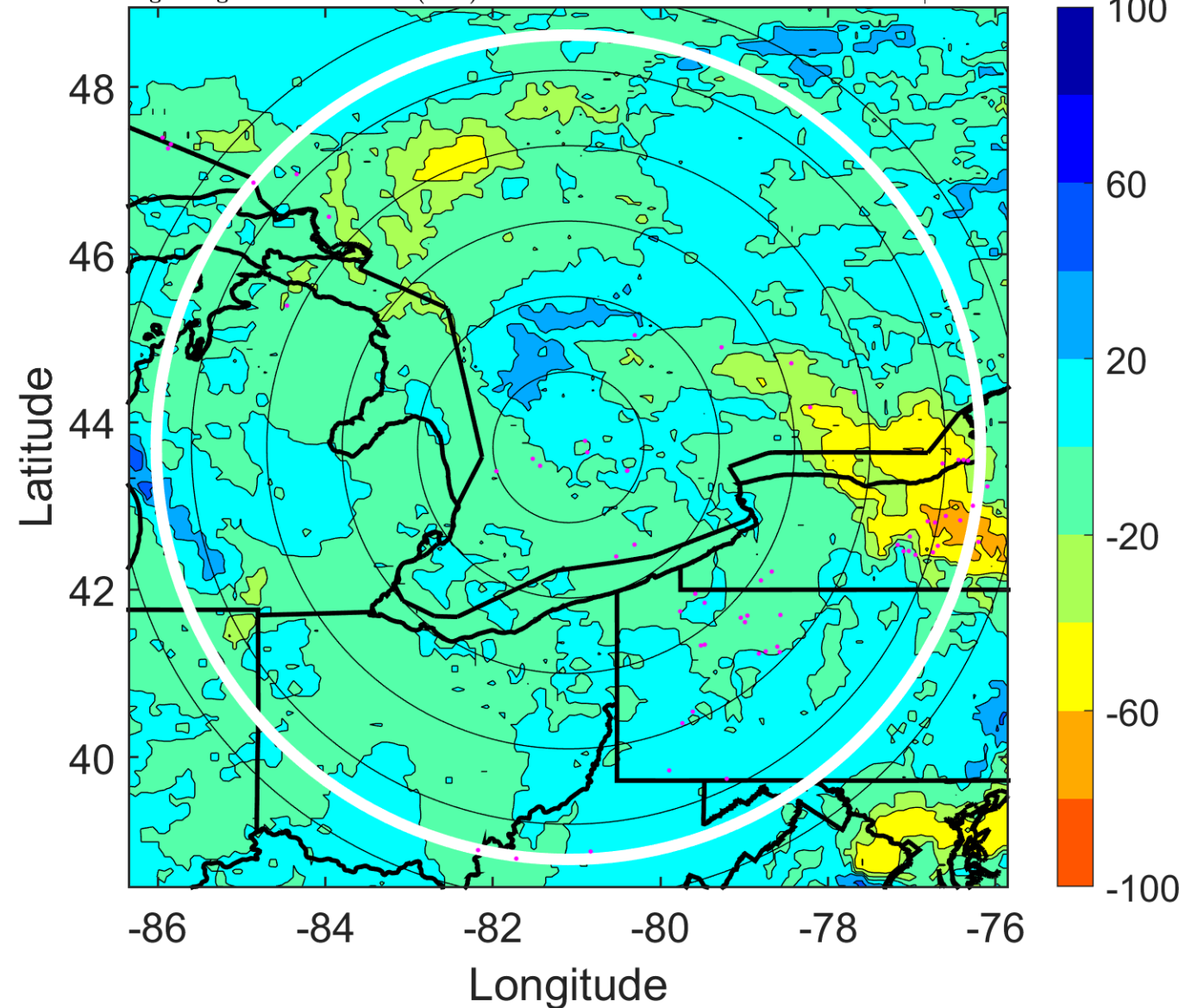
$\Delta$ t: 2005061400 (18.6 LT) - 2005061318 (12.4 LT)

Lightning: 18.6 LT  $\pm$  1.5 h (dots)

LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### IR BT & Lightning

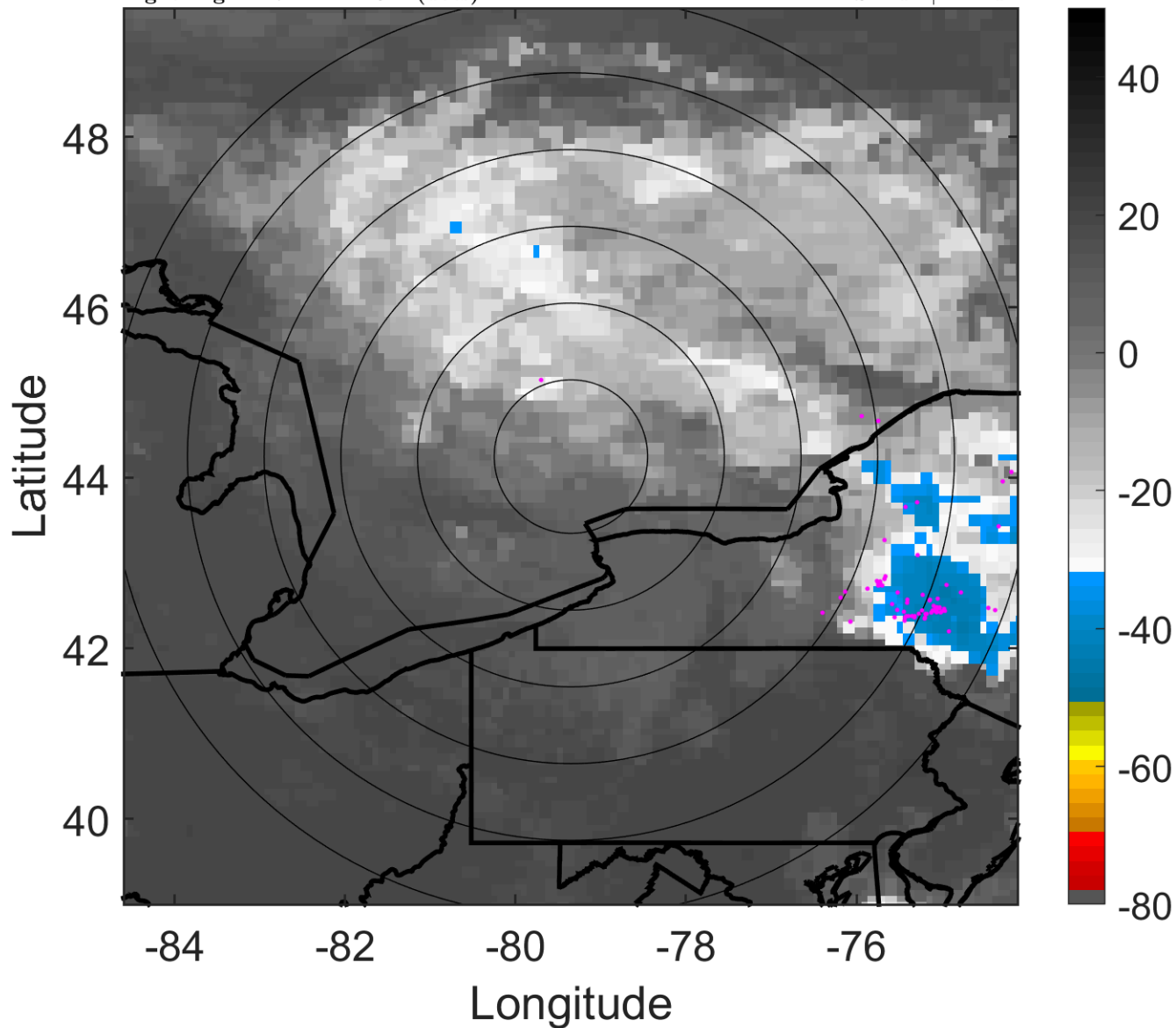
t: 2005061403 (21.7 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

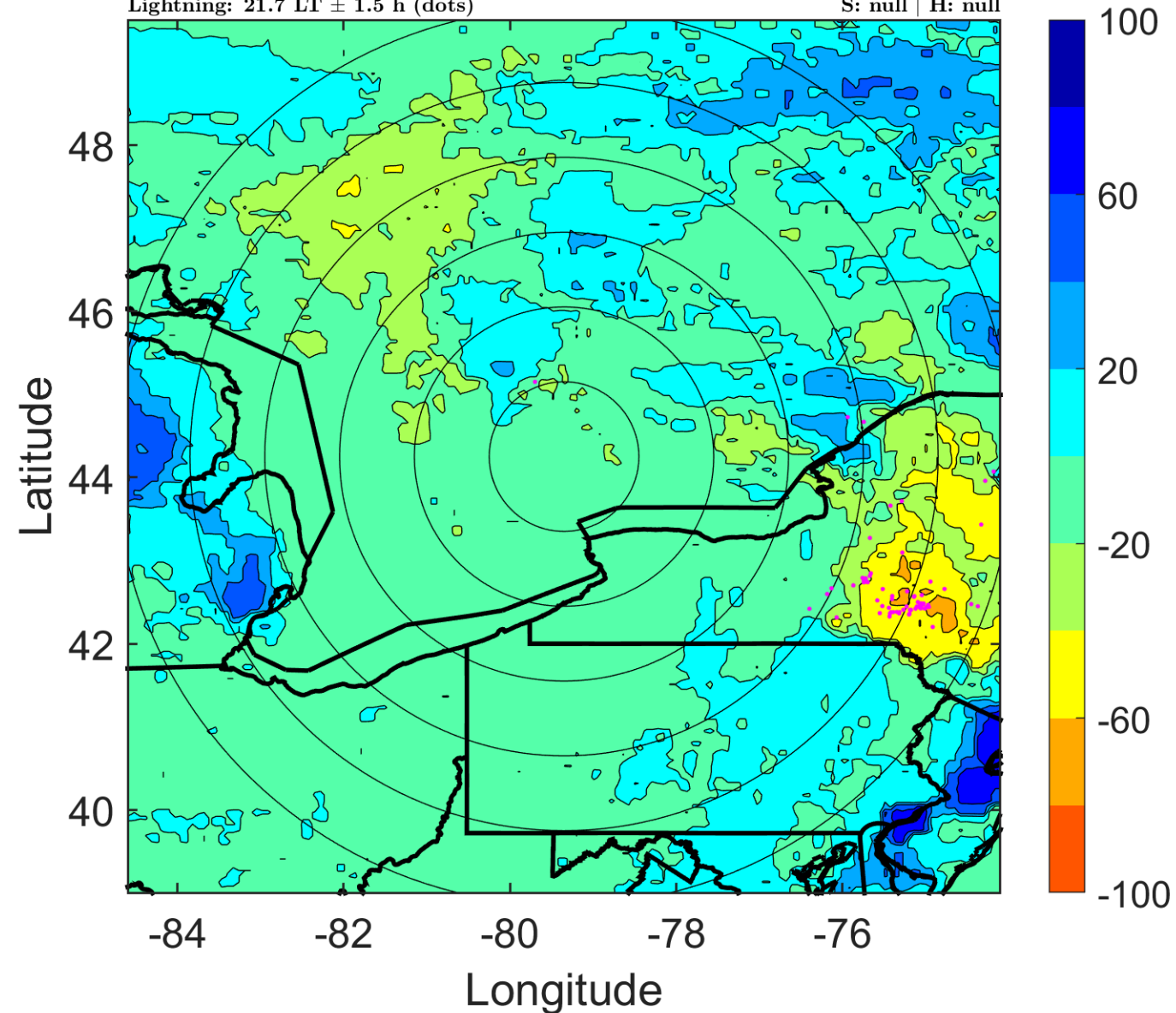
$\Delta$ t: 2005061403 (21.7 LT) - 2005061321 (15.5 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### IR BT & Lightning

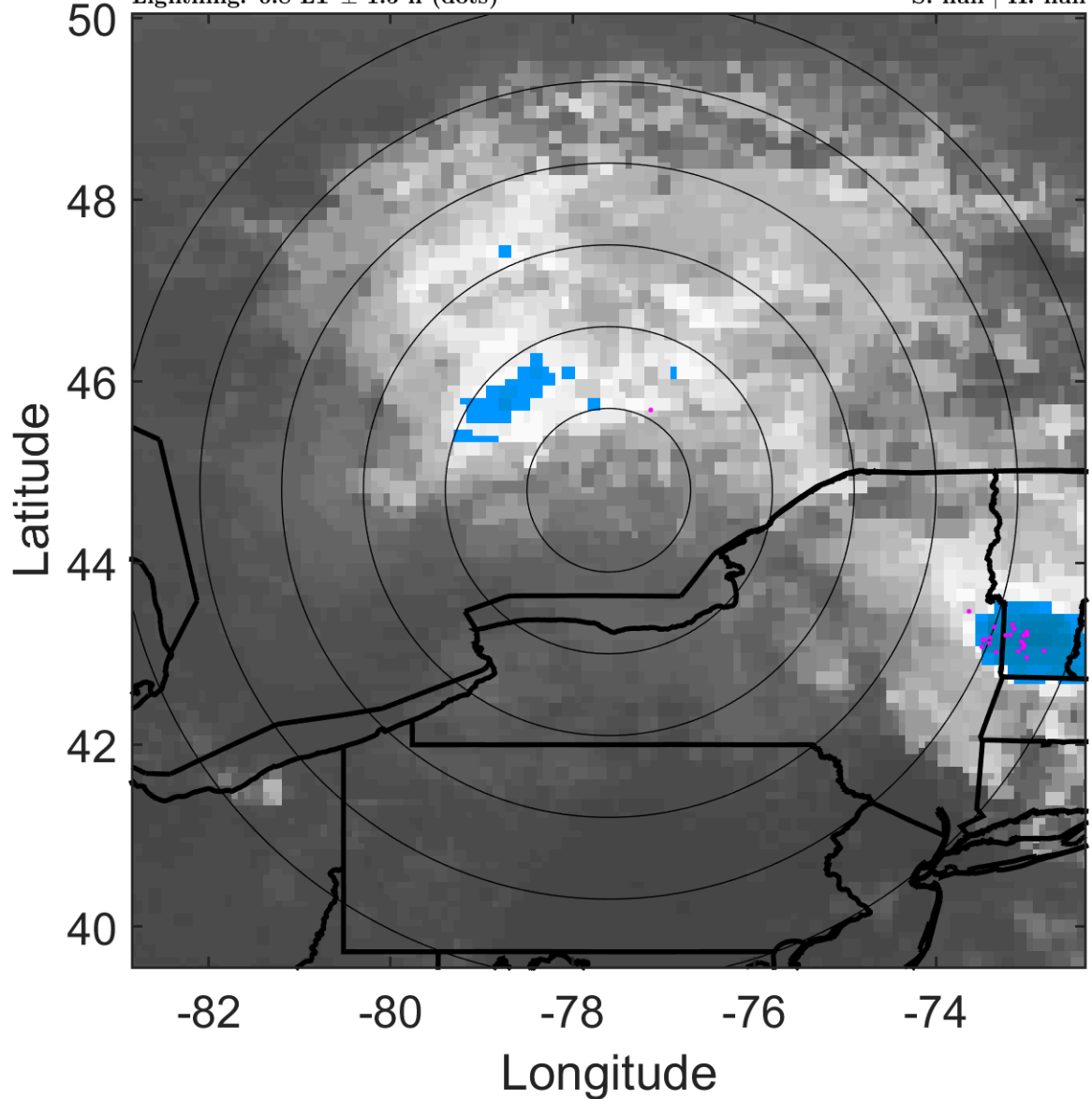
t: 2005061406 (0.8 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

$\Delta$ t: 2005061406 (0.8 LT) - 2005061400 (18.6 LT)

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

### LAND EFFECTS

01L (ARLENE) | 20 kt EX

S: null | H: null

