

IR BT & Lightning

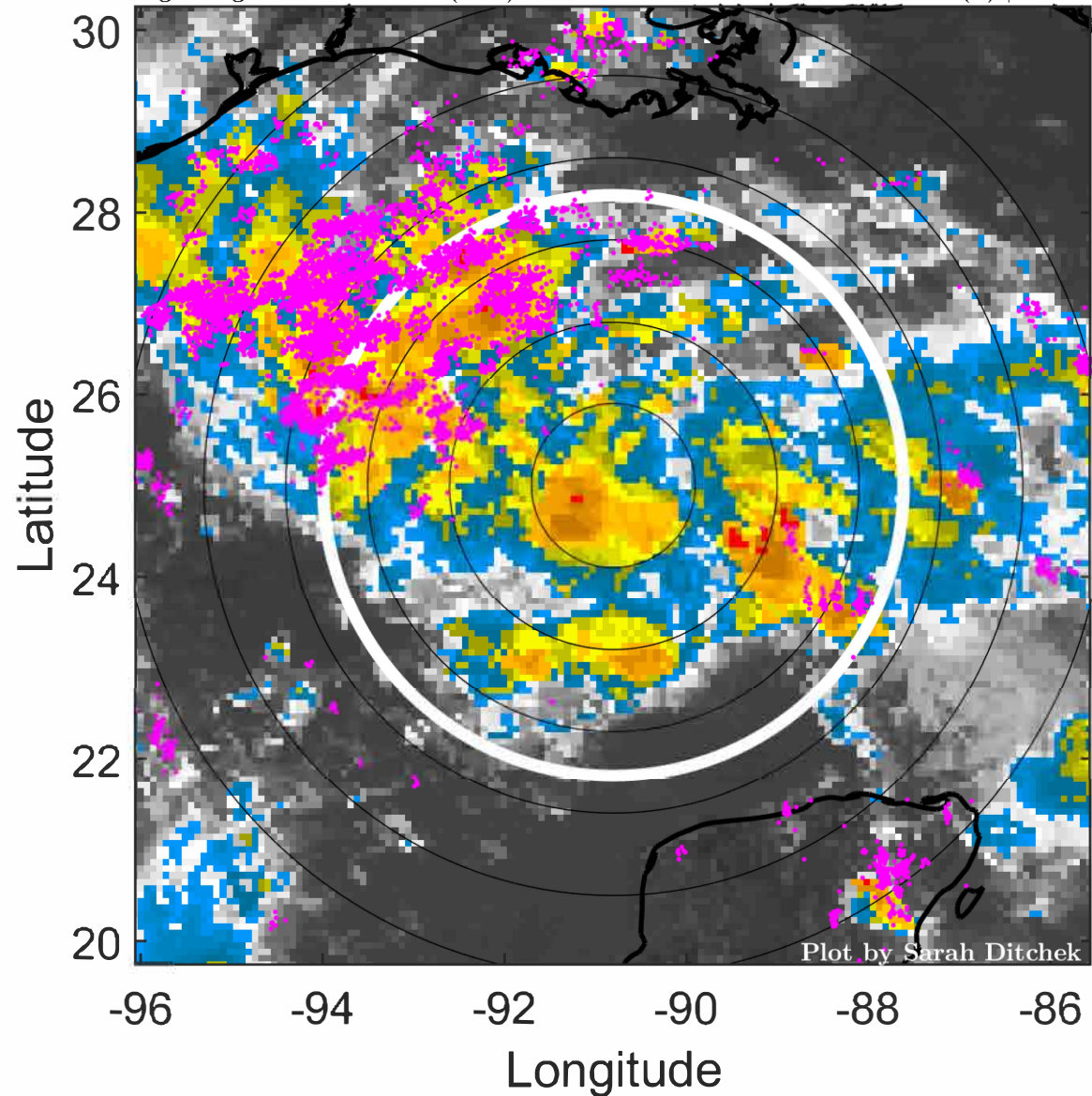
t: 2023082118 (11.9 LT)

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

PT: LLCP | EA: ACT

09L (HAROLD) | 30 kt TD

S: 2.8 m s⁻¹ (L) | H: 38°



6-h IR BT Differences & Lightning

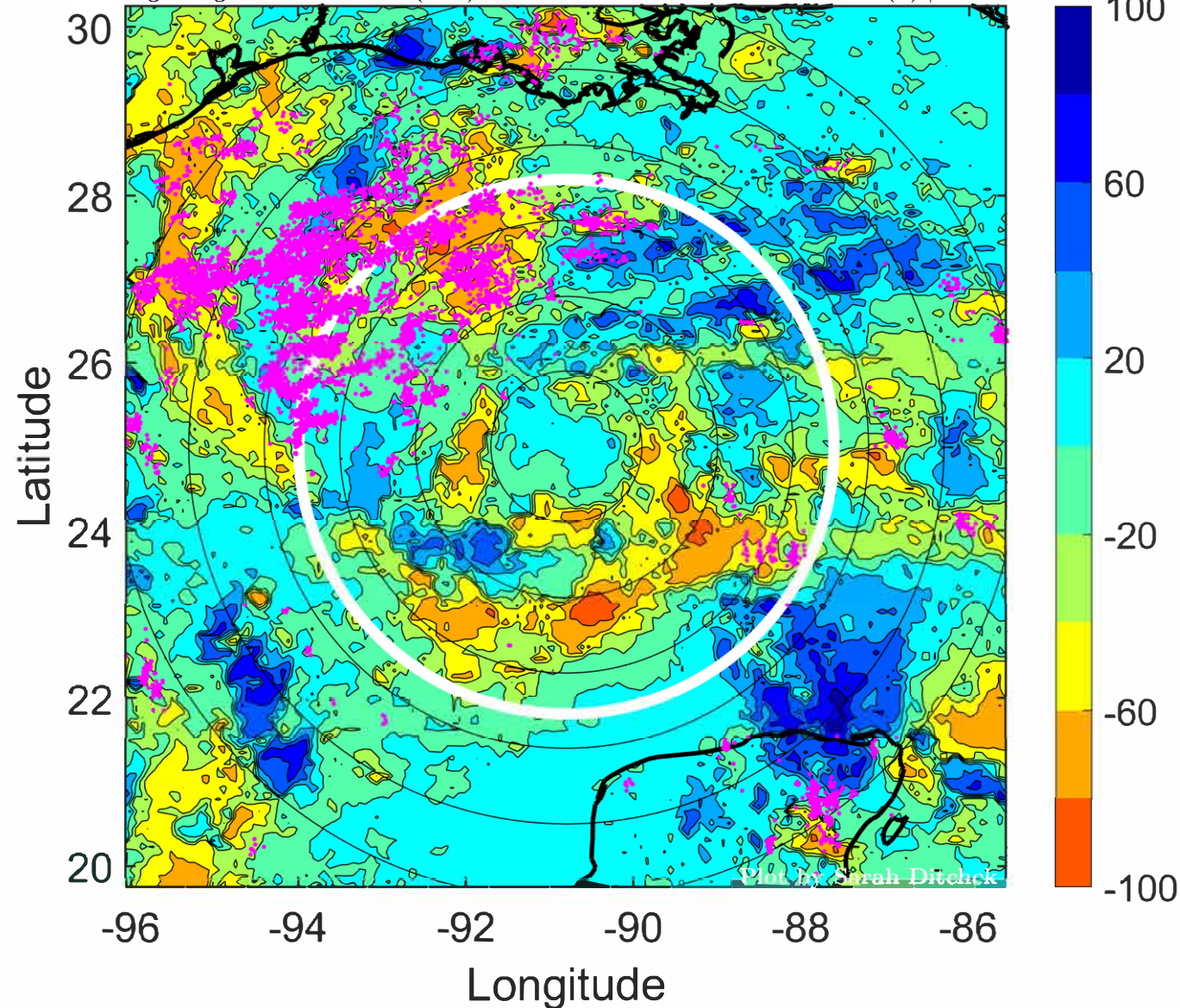
Δ t: 2023082118 (11.9 LT) - 2023082112 (6.1 LT)

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

PT: LLCP | EA: ACT

09L (HAROLD) | 30 kt TD

S: 2.8 m s⁻¹ (L) | H: 38°



IR BT & Lightning

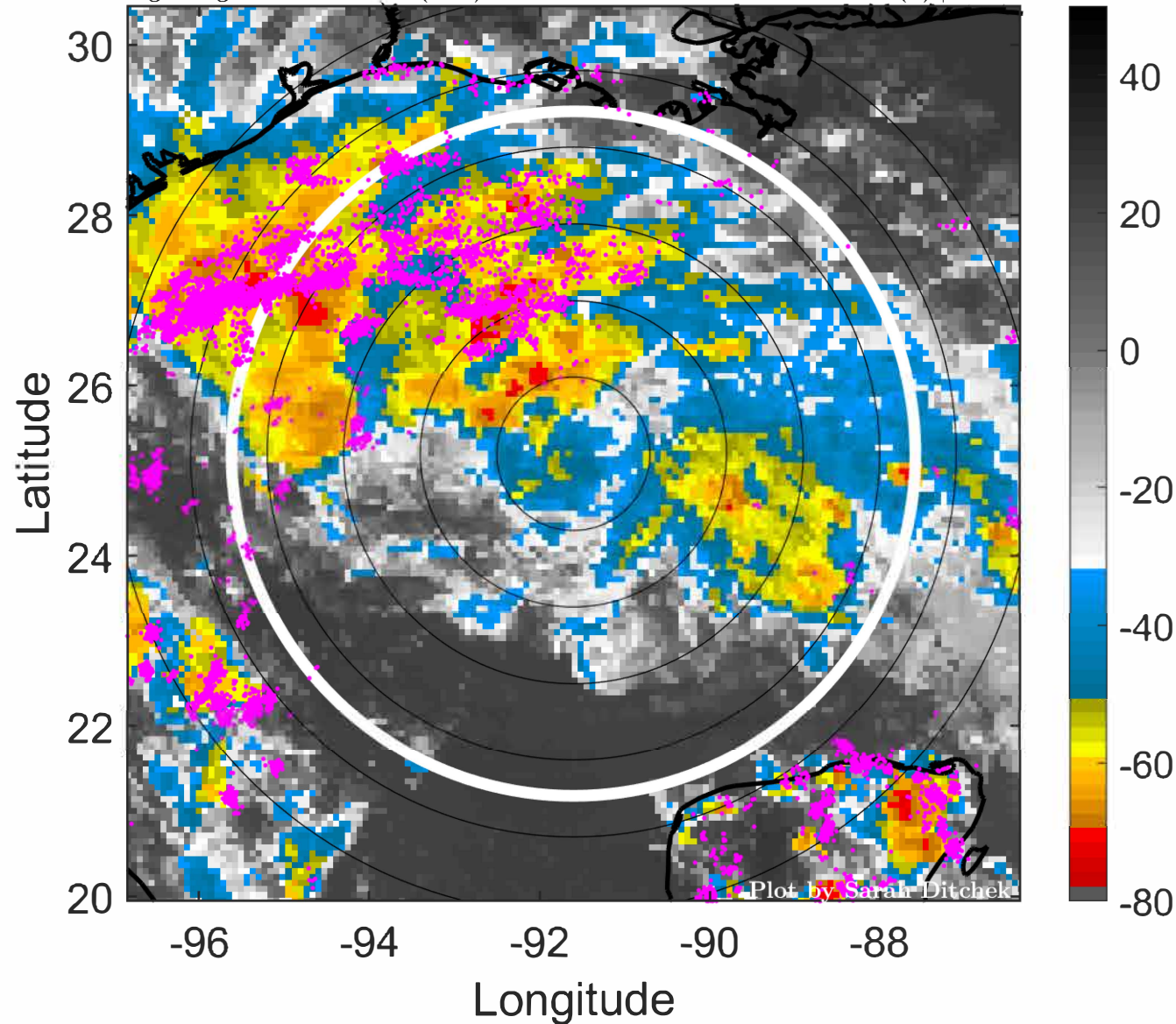
t: 2023082121 (14.9 LT)

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

PT: LLCP | EA: ACT

09L (HAROLD) | 30 kt TD

S: 2.6 m s⁻¹ (L) | H: 35°



6-h IR BT Differences & Lightning

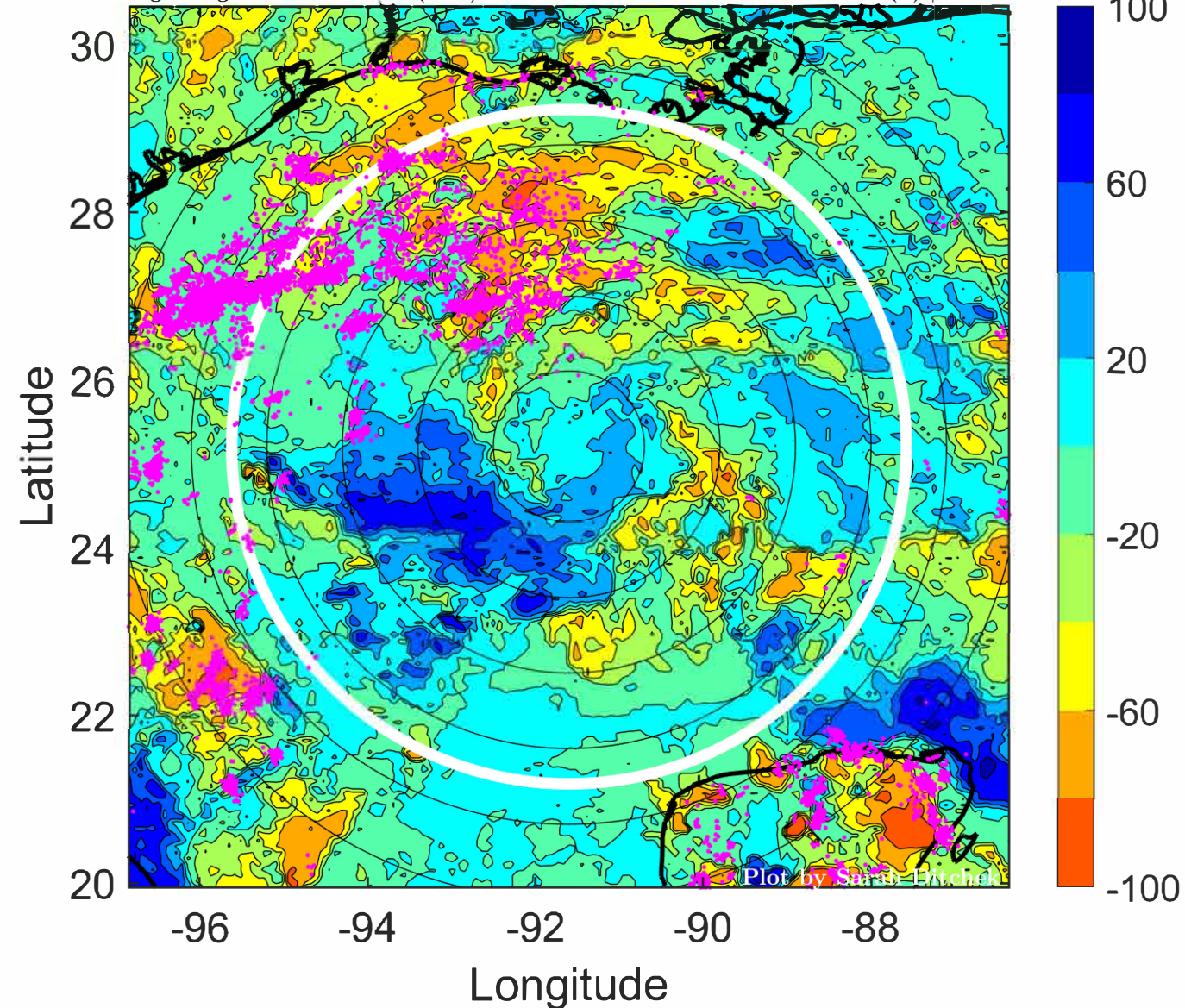
Δ t: 2023082121 (14.9 LT) - 2023082115 (9 LT)

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

PT: LLCP | EA: ACT

09L (HAROLD) | 30 kt TD

S: 2.6 m s⁻¹ (L) | H: 35°



IR BT & Lightning

t: 2023082200 (17.8 LT)

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

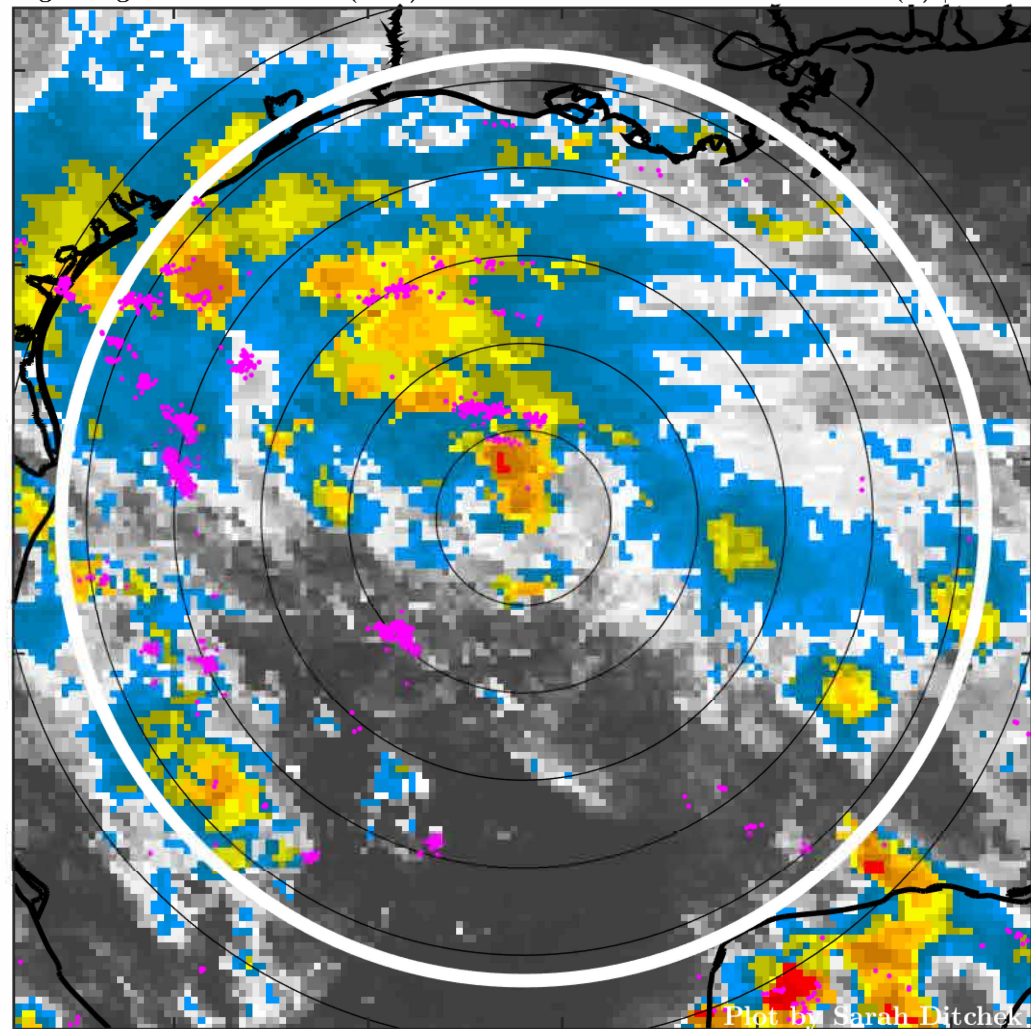
PT: LLCP | EA: ACT

09L (HAROLD) | 30 kt TD

S: 2.4 m s⁻¹ (L) | H: 32°

Latitude

30
28
26
24
22



-96

-94

-92

-90

-88

Longitude

40

20

0

-20

-40

-60

-80

6-h IR BT Differences & Lightning

Δ t: 2023082200 (17.8 LT) - 2023082118 (11.9 LT)

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

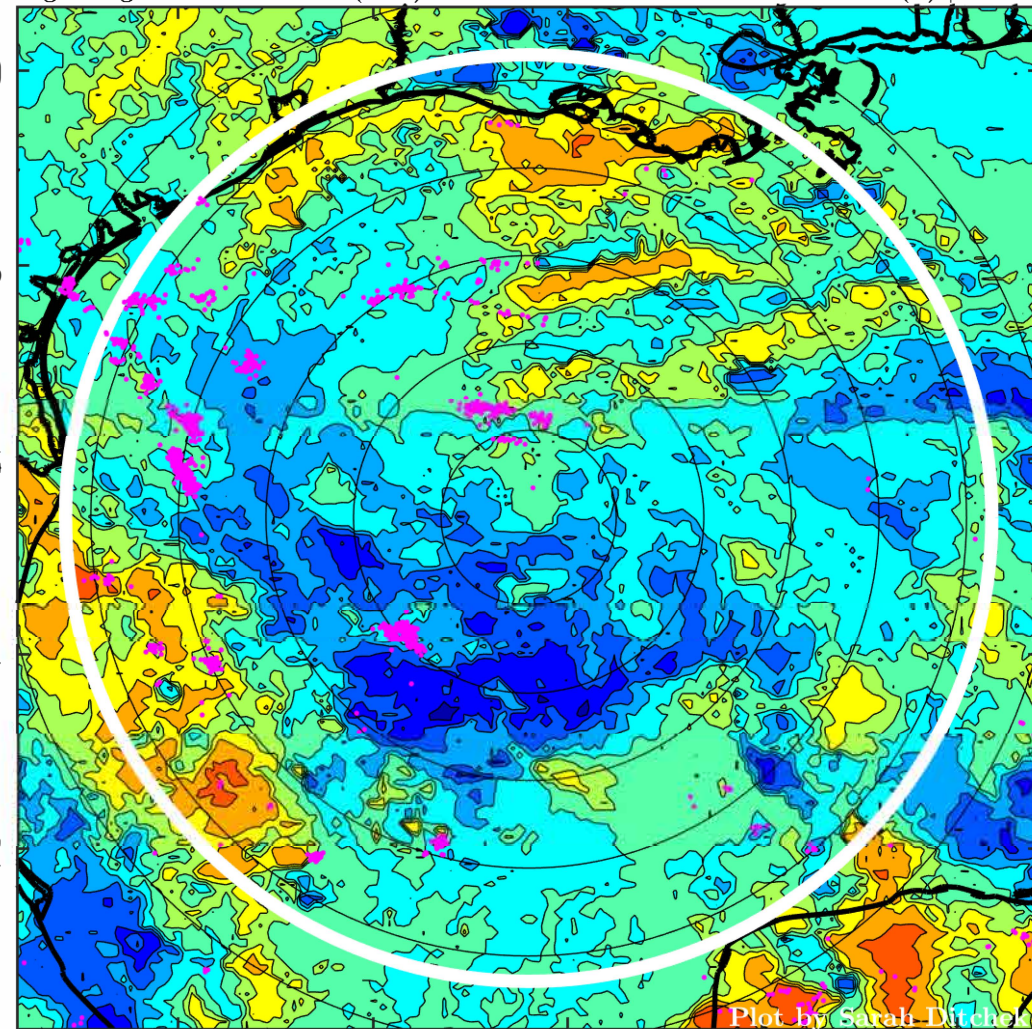
PT: LLCP | EA: ACT

09L (HAROLD) | 30 kt TD

S: 2.4 m s⁻¹ (L) | H: 32°

Latitude

30
28
26
24
22



-96

-94

-92

-90

-88

Longitude

100

60

20

-20

-60

-100

IR BT & Lightning

t: 2023082203 (20.8 LT)

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

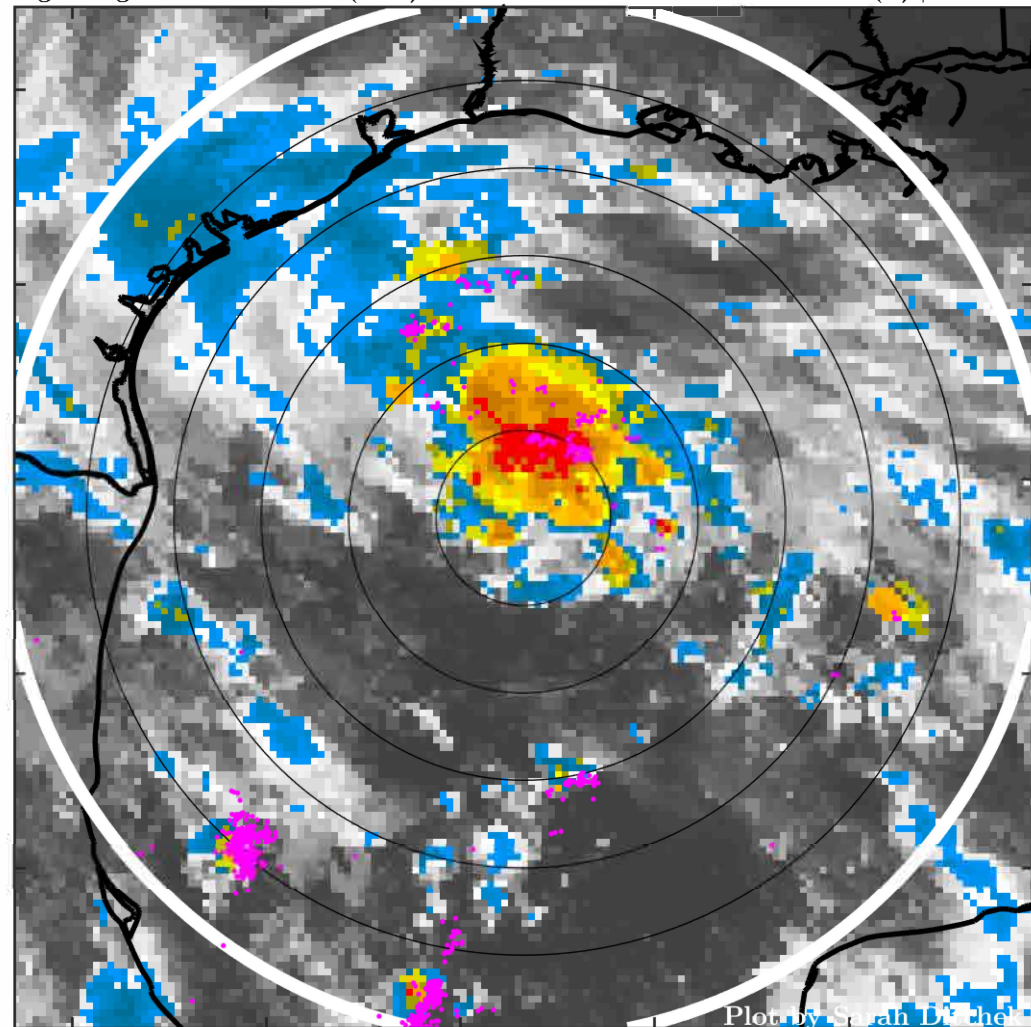
PT: LLCP | EA: ACT

09L (HAROLD) | 35 kt TS

S: 2.1 m s⁻¹ (L) | H: 32.5°

Latitude

30
28
26
24
22



6-h IR BT Differences & Lightning

Δ t: 2023082203 (20.8 LT) - 2023082121 (14.9 LT)

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

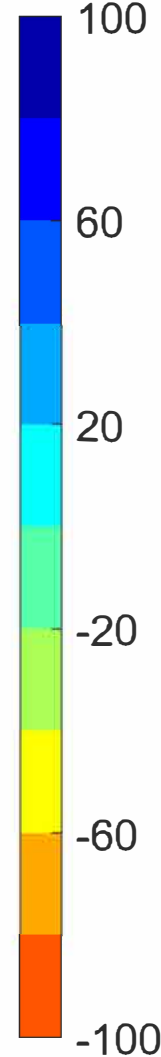
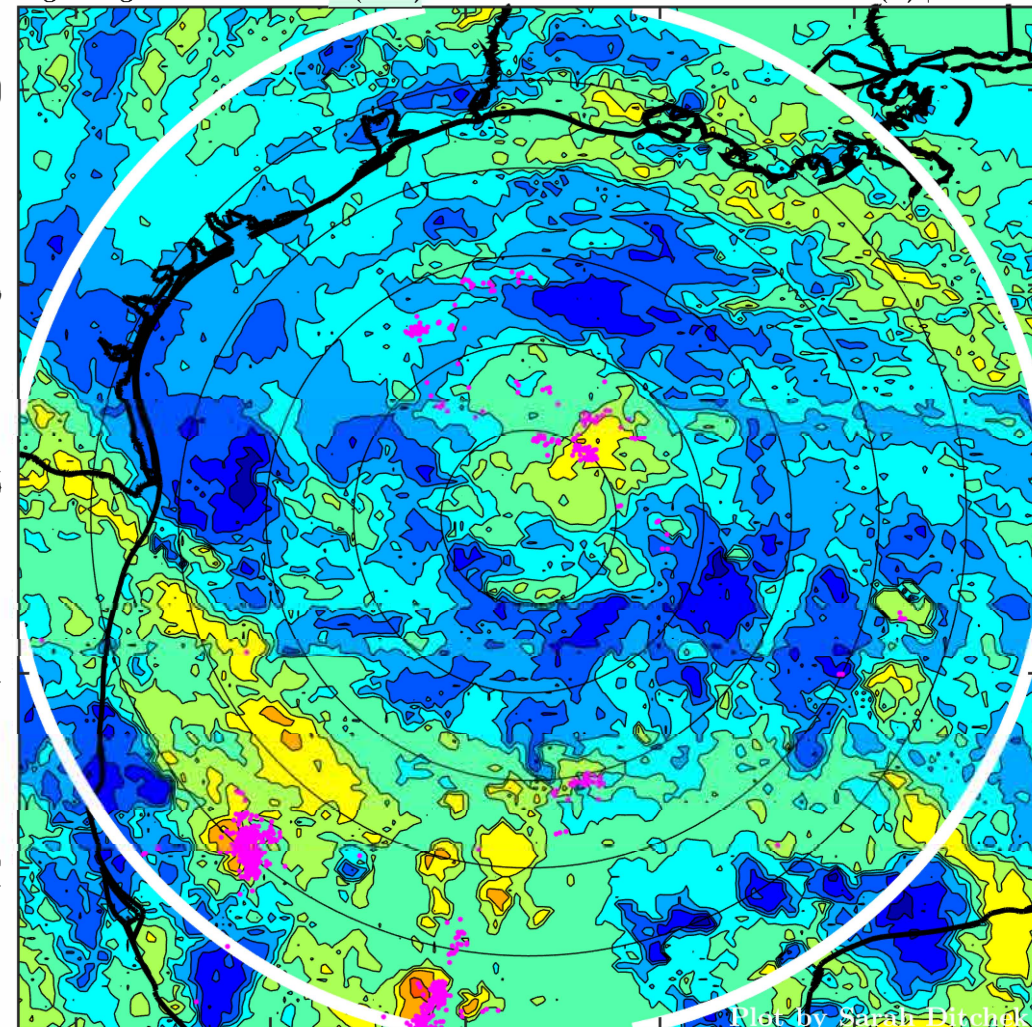
PT: LLCP | EA: ACT

09L (HAROLD) | 35 kt TS

S: 2.1 m s⁻¹ (L) | H: 32.5°

Latitude

30
28
26
24
22



Longitude

-98 -96 -94 -92 -90

Longitude

-98 -96 -94 -92 -90

IR BT & Lightning

t: 2023082206 (23.7 LT)

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

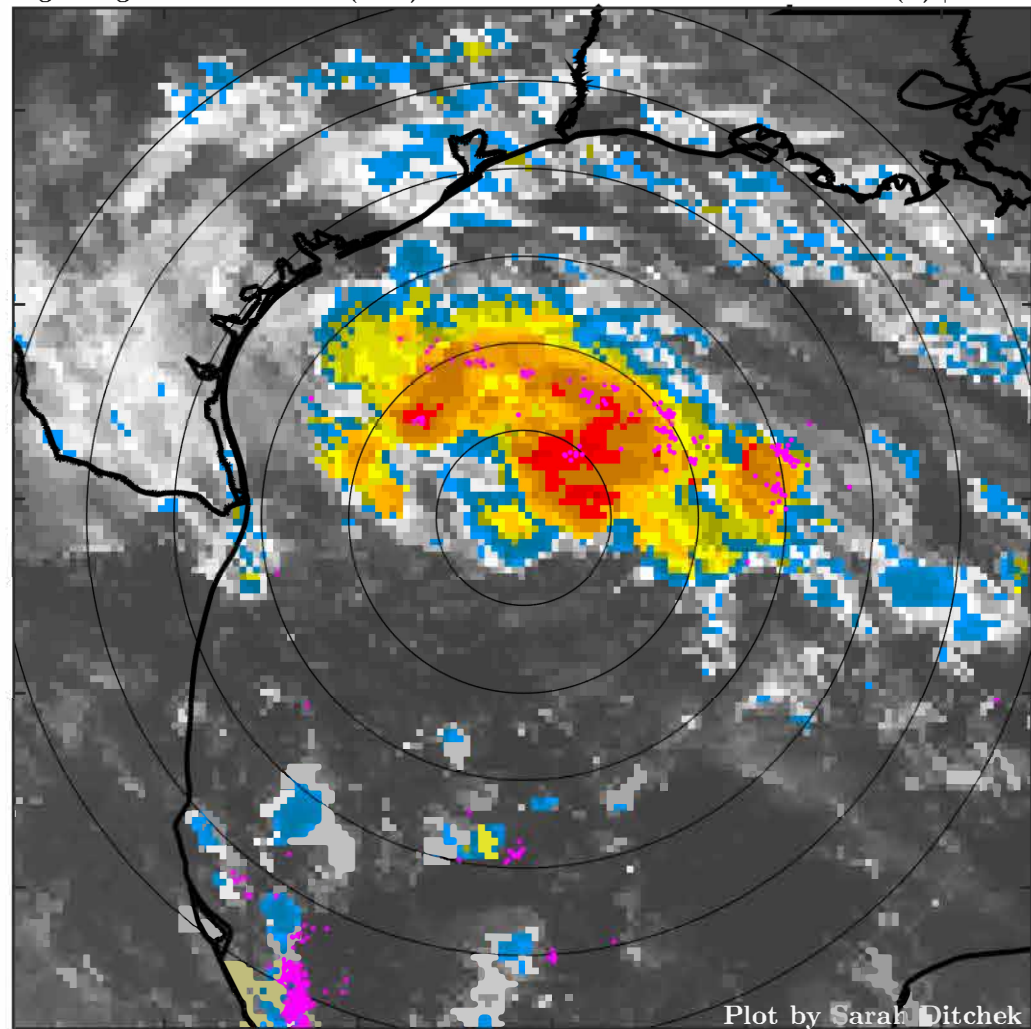
PT: LLCP | EA: ACT

09L (HAROLD) | 40 kt TS

S: 1.7 m s⁻¹ (L) | H: 33°

Latitude

30
28
26
24
22



Plot by Sarah Ditchek

-98 -96 -94 -92 -90

Longitude



6-h IR BT Differences & Lightning

Δ t: 2023082206 (23.7 LT) - 2023082200 (17.8 LT)

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

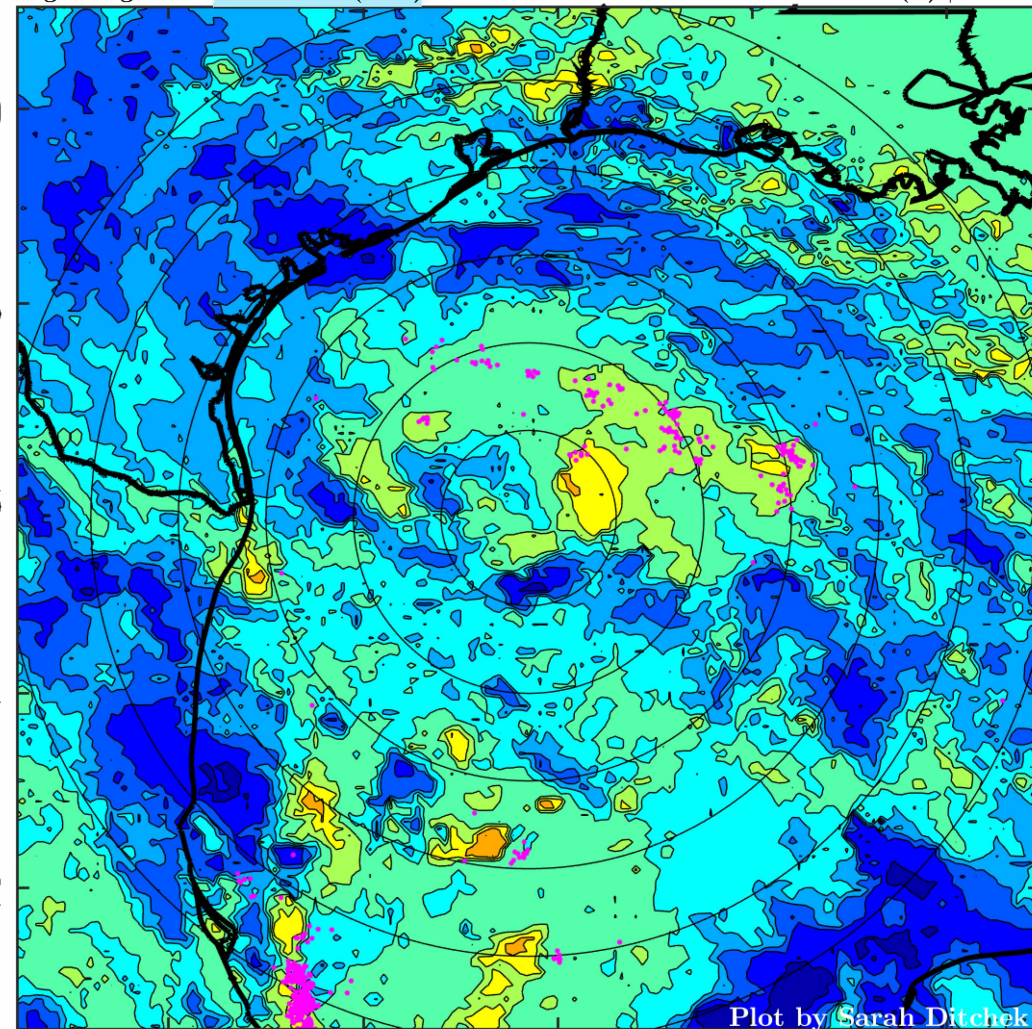
PT: LLCP | EA: ACT

09L (HAROLD) | 40 kt TS

S: 1.7 m s⁻¹ (L) | H: 33°

Latitude

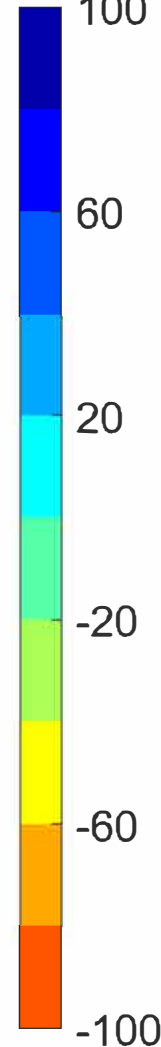
30
28
26
24
22



Plot by Sarah Ditchek

-98 -96 -94 -92 -90

Longitude



IR BT & Lightning

t: 2023082209 (2.6 LT)

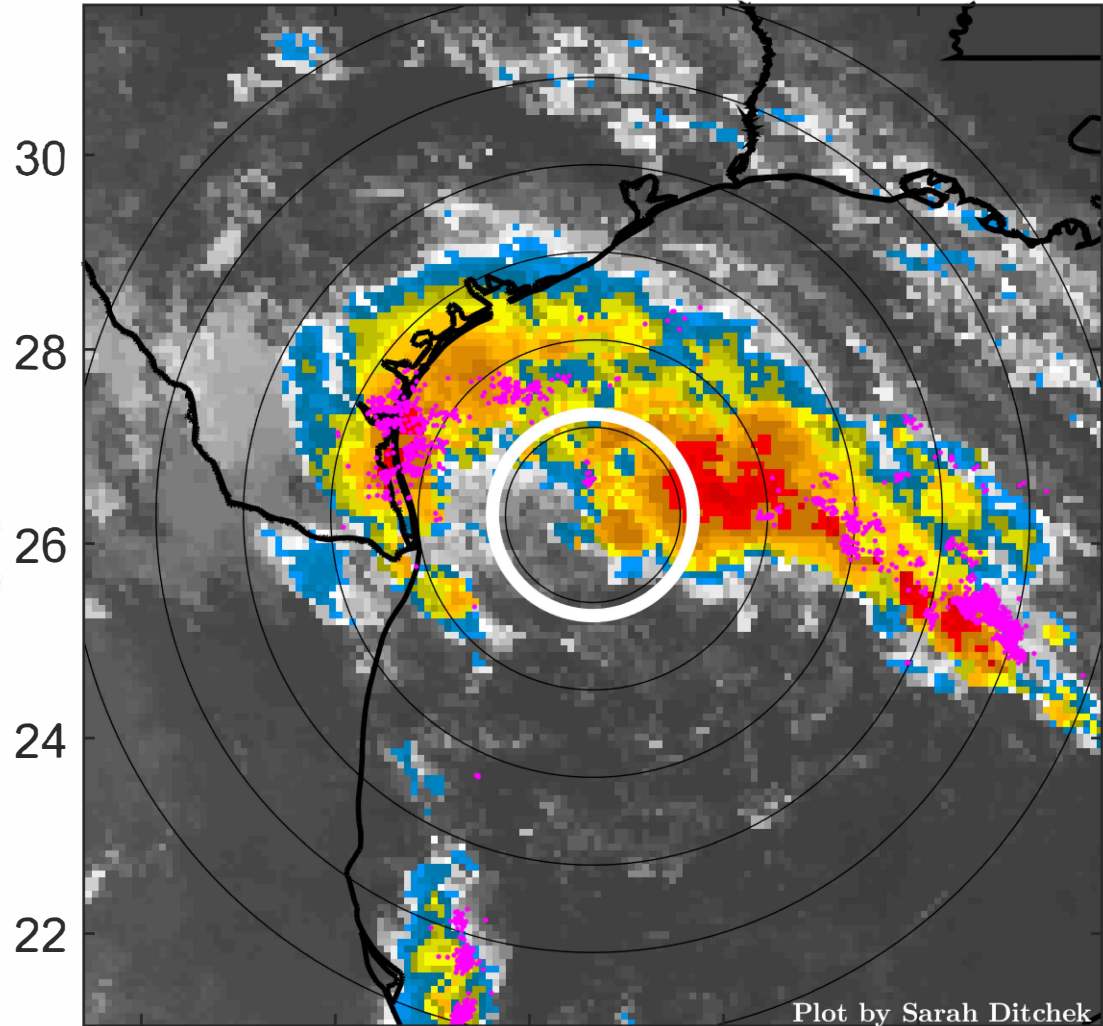
Lightning: 2.6 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

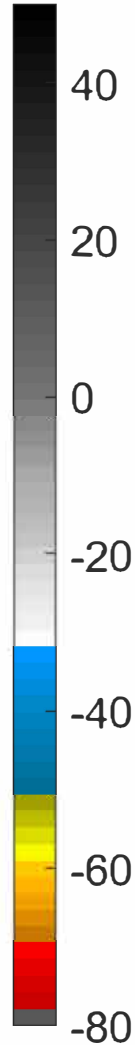
09L (HAROLD) | 45 kt TS

S: 2.3 m s⁻¹ (L) | H: 181.5°

Latitude



Plot by Sarah Ditchek



6-h IR BT Differences & Lightning

Δ t: 2023082209 (2.6 LT) - 2023082203 (20.8 LT)

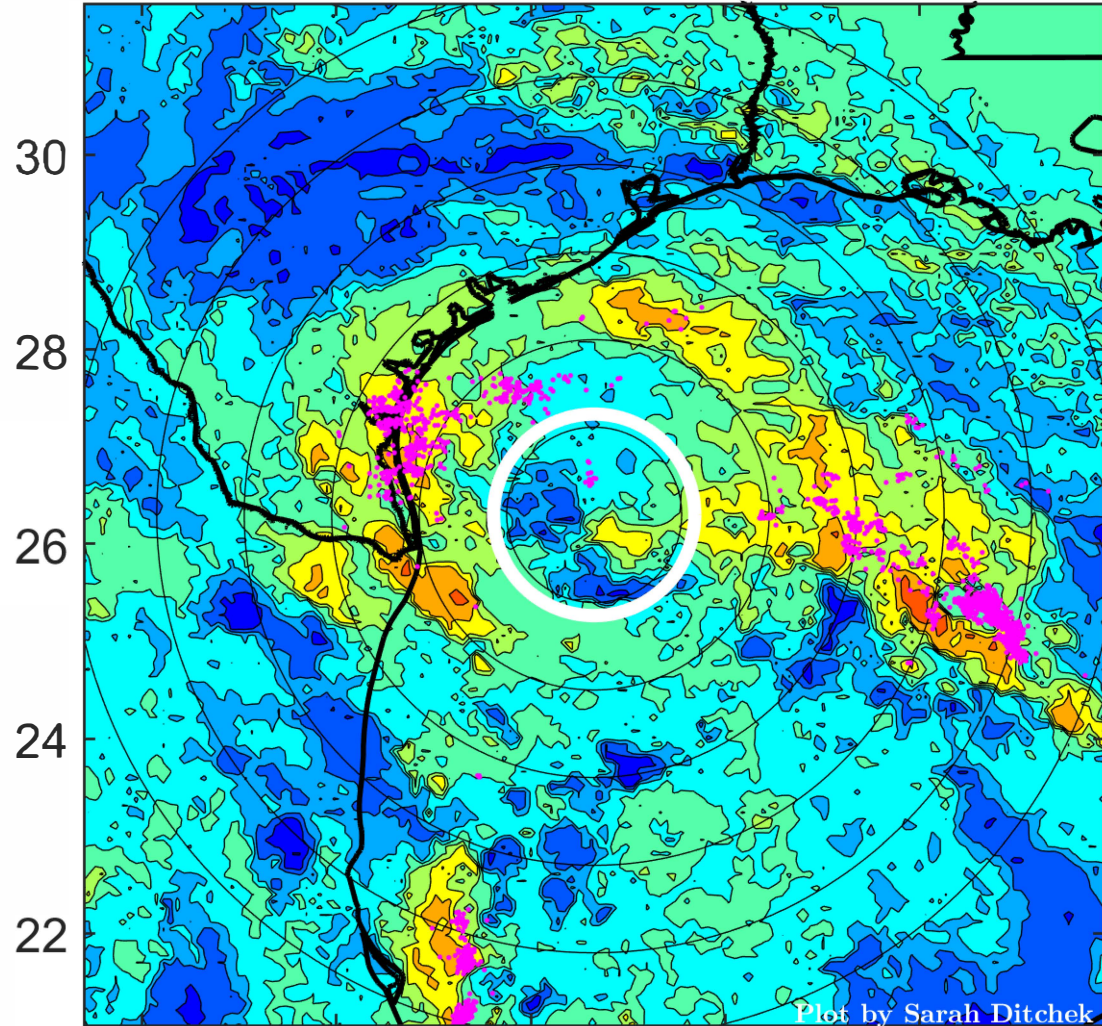
Lightning: 2.6 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

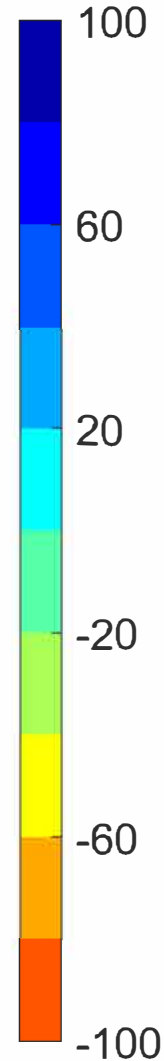
09L (HAROLD) | 45 kt TS

S: 2.3 m s⁻¹ (L) | H: 181.5°

Latitude



Plot by Sarah Ditchek



IR BT & Lightning

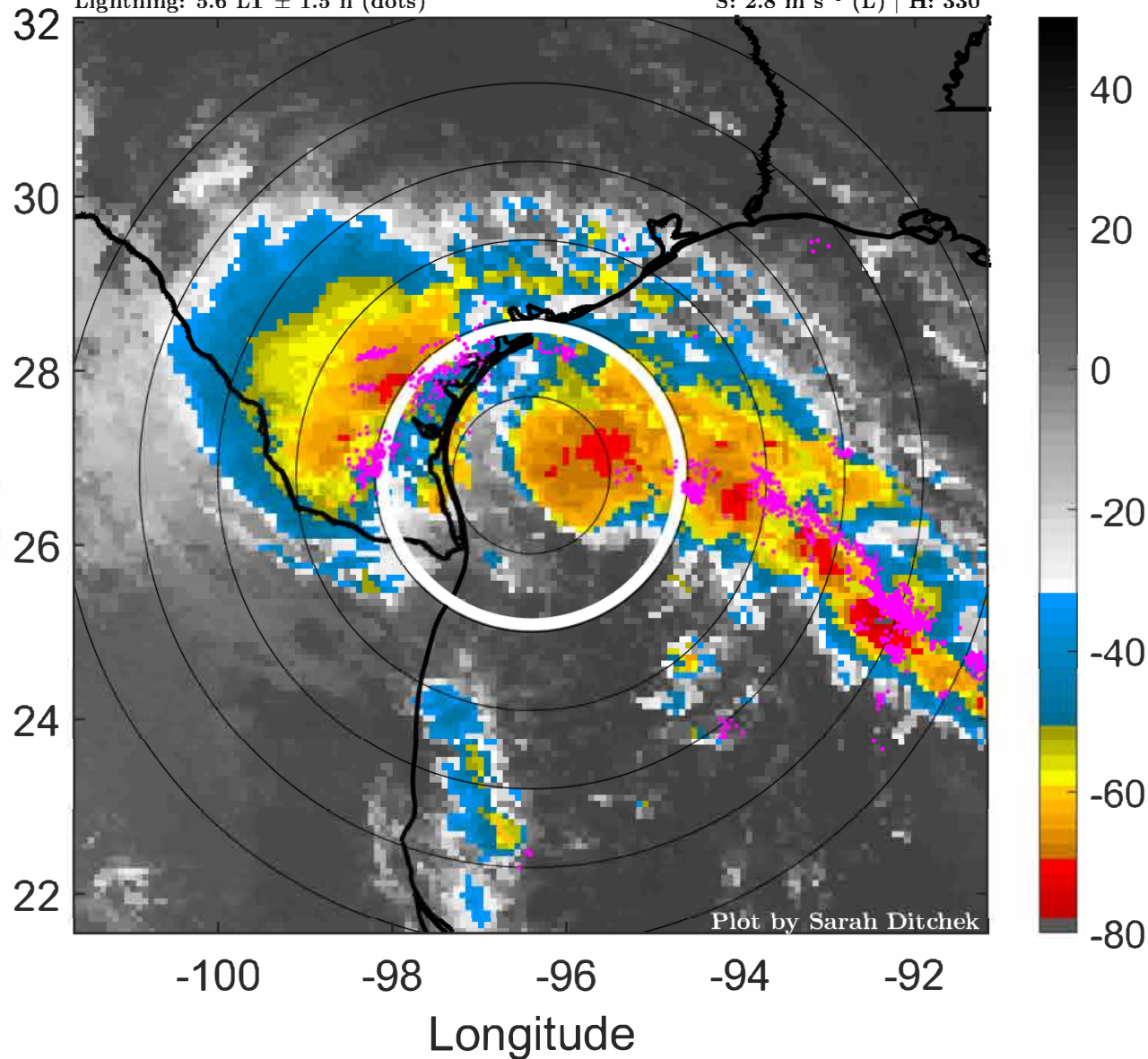
t: 2023082212 (5.6 LT)

Lightning: 5.6 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 50 kt TS

S: 2.8 m s⁻¹ (L) | H: 330°



6-h IR BT Differences & Lightning

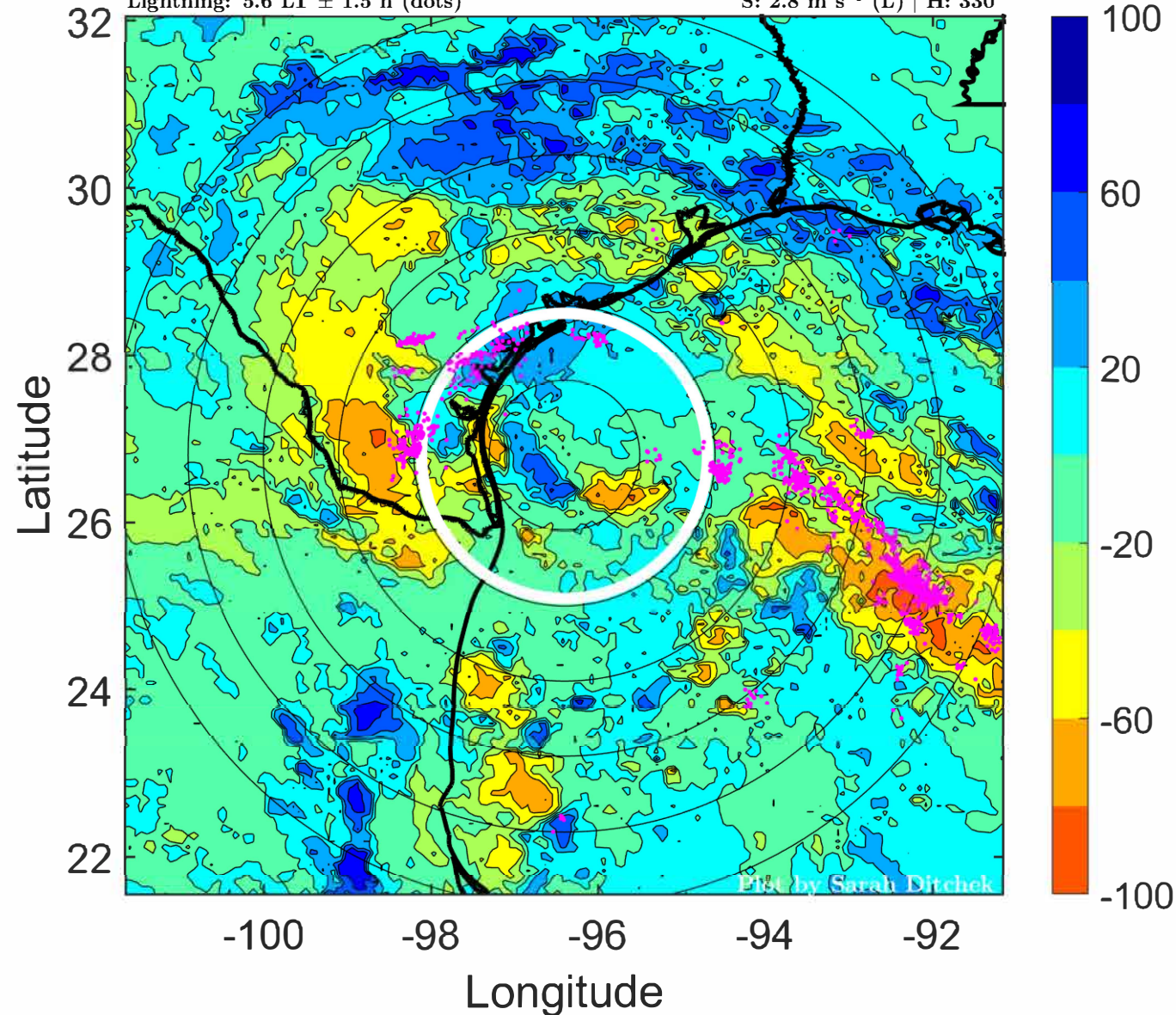
Δ t: 2023082212 (5.6 LT) - 2023082206 (23.7 LT)

Lightning: 5.6 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 50 kt TS

S: 2.8 m s⁻¹ (L) | H: 330°



IR BT & Lightning

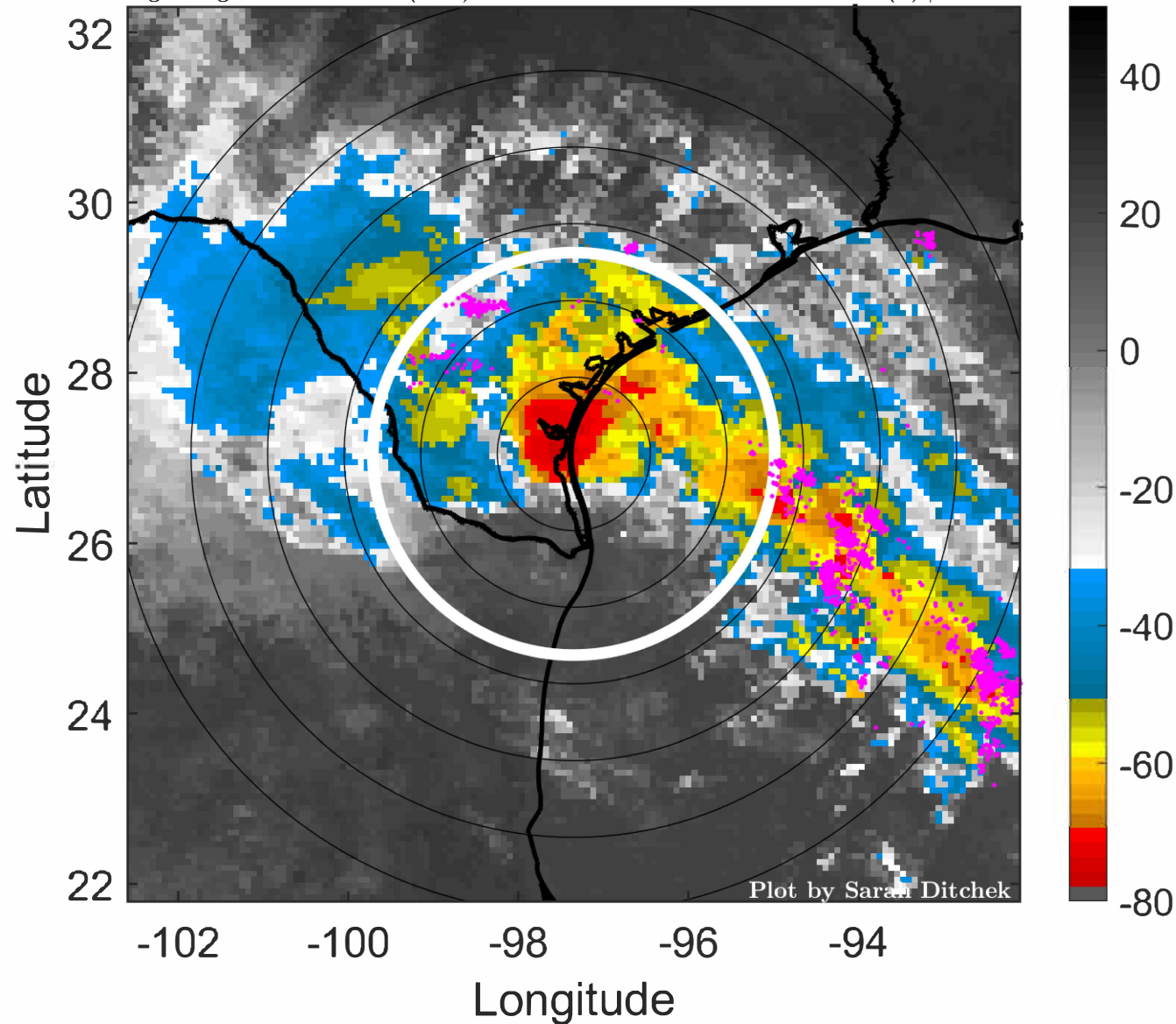
t: 2023082215 (8.5 LT)

Lightning: 8.5 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 45 kt TS

S: 4.3 m s⁻¹ (L) | H: 329°



6-h IR BT Differences & Lightning

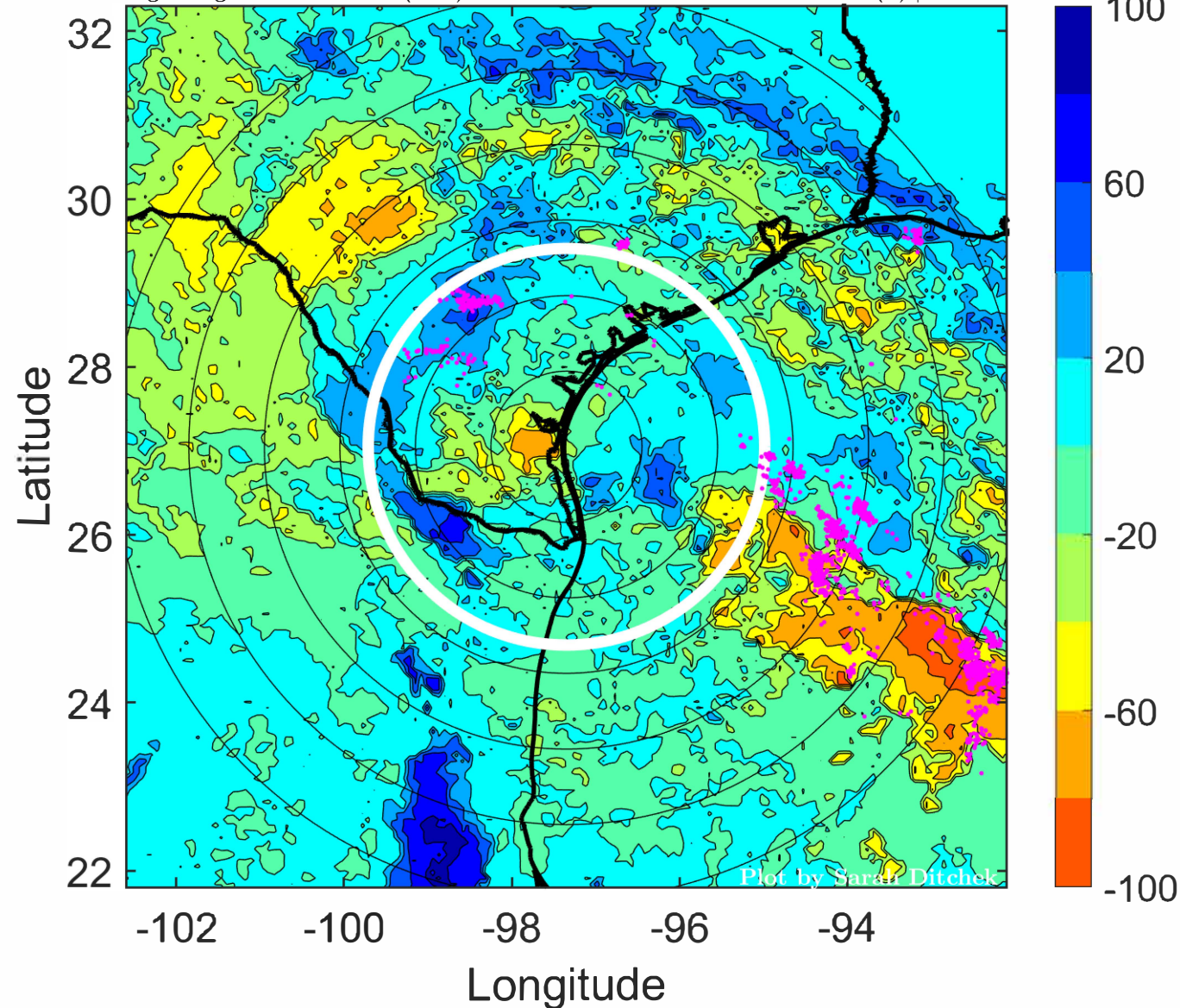
Δ t: 2023082215 (8.5 LT) - 2023082209 (2.6 LT)

Lightning: 8.5 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 45 kt TS

S: 4.3 m s⁻¹ (L) | H: 329°



IR BT & Lightning

t: 2023082218 (11.4 LT)

Lightning: 11.4 LT $\pm$ 1.5 h (dots)

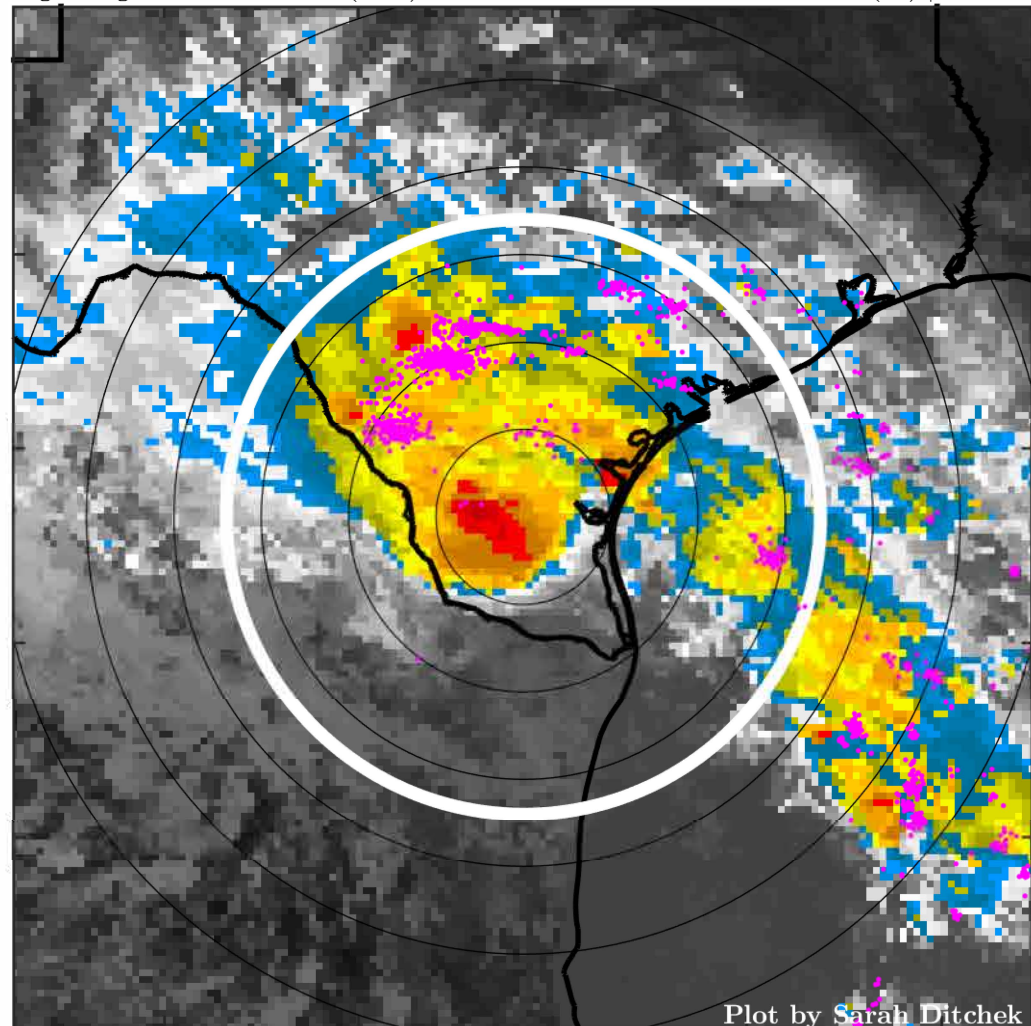
LAND EFFECTS

09L (HAROLD) | 40 kt TS

S: 5.8 m s⁻¹ (M) | H: 328°

Latitude

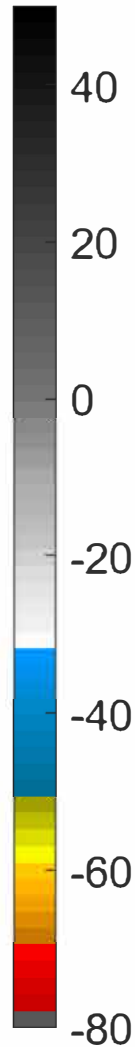
32
30
28
26
24



Plot by Sarah Ditchek

-102 -100 -98 -96 -94

Longitude



6-h IR BT Differences & Lightning

Δ t: 2023082218 (11.4 LT) - 2023082212 (5.6 LT)

Lightning: 11.4 LT $\pm$ 1.5 h (dots)

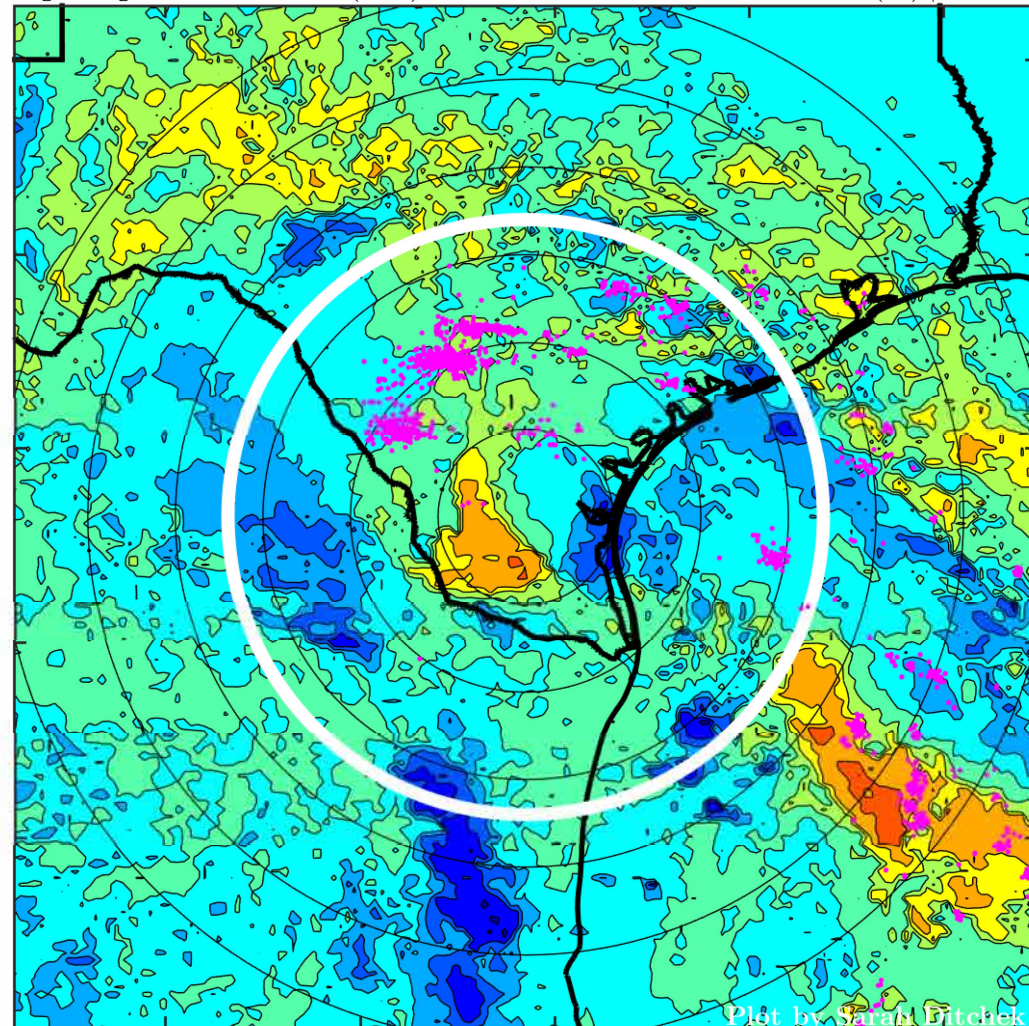
LAND EFFECTS

09L (HAROLD) | 40 kt TS

S: 5.8 m s⁻¹ (M) | H: 328°

Latitude

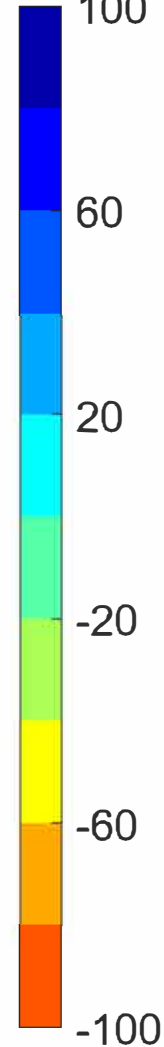
32
30
28
26
24



Plot by Sarah Ditchek

-102 -100 -98 -96 -94

Longitude



IR BT & Lightning

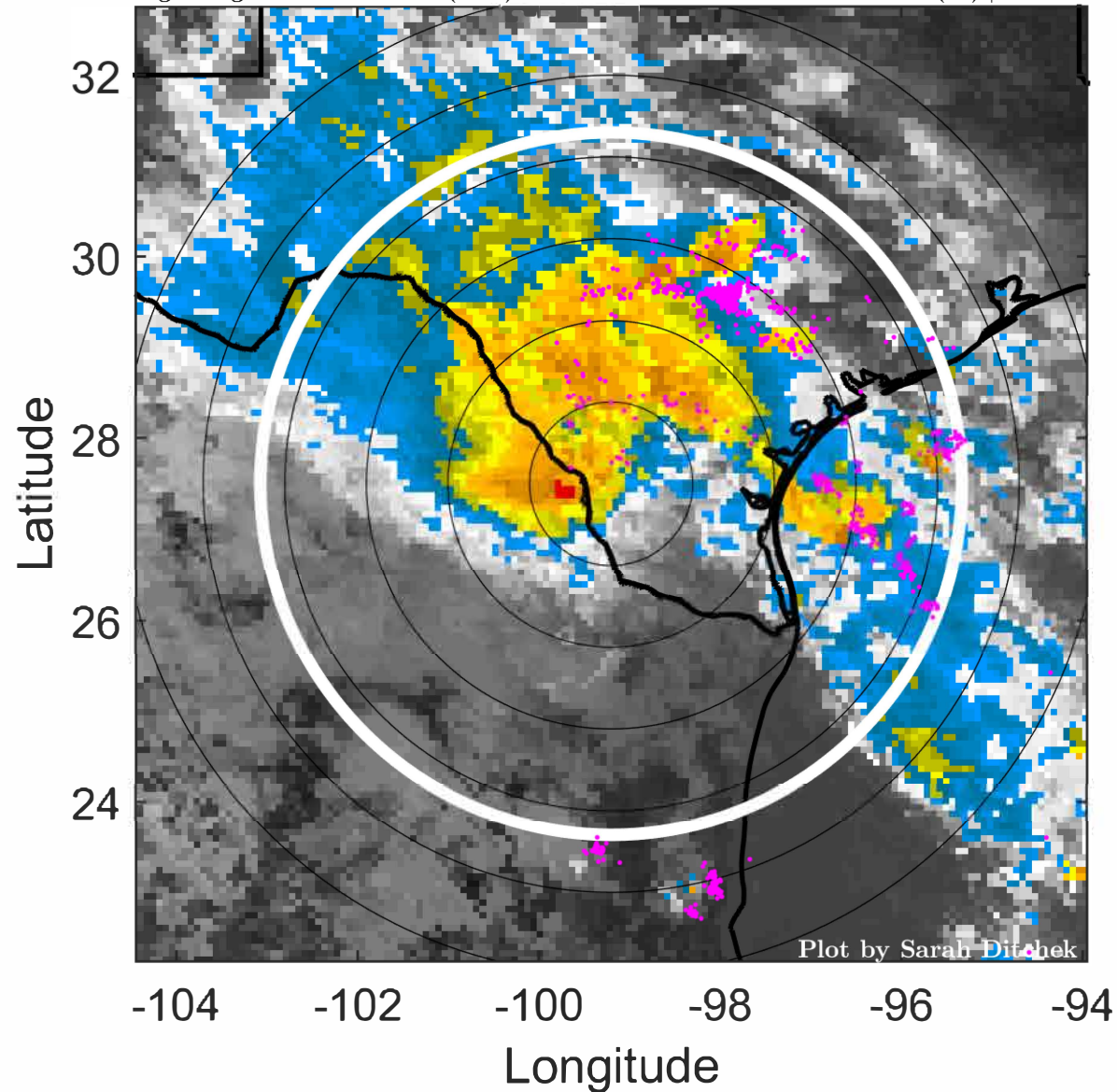
t: 2023082221 (14.4 LT)

Lightning: 14.4 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 35 kt TS

S: 5.9 m s⁻¹ (M) | H: 334°



6-h IR BT Differences & Lightning

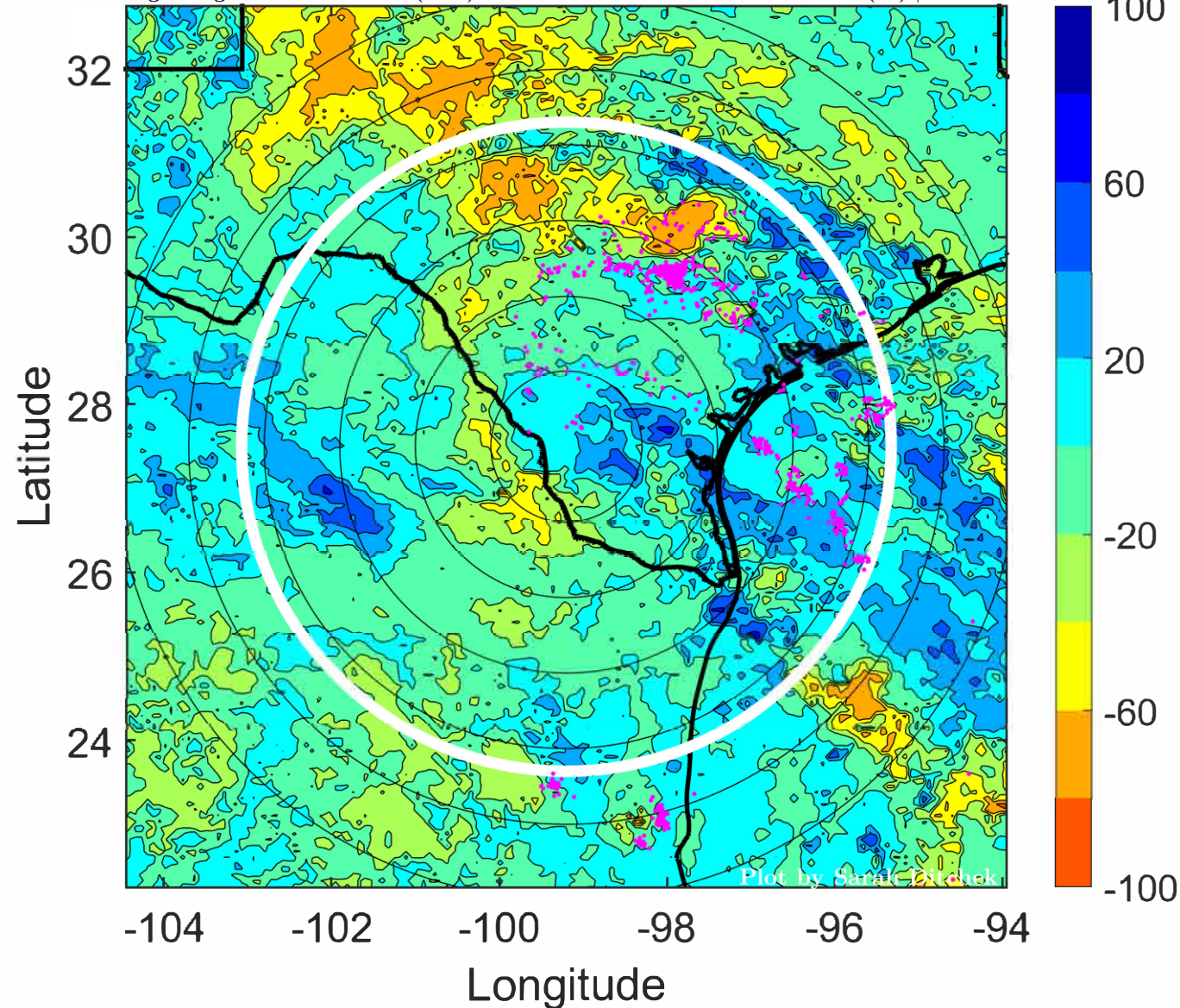
Δ t: 2023082221 (14.4 LT) - 2023082215 (8.5 LT)

Lightning: 14.4 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 35 kt TS

S: 5.9 m s⁻¹ (M) | H: 334°



IR BT & Lightning

t: 2023082300 (17.3 LT)

Lightning: 17.3 LT $\pm$ 1.5 h (dots)

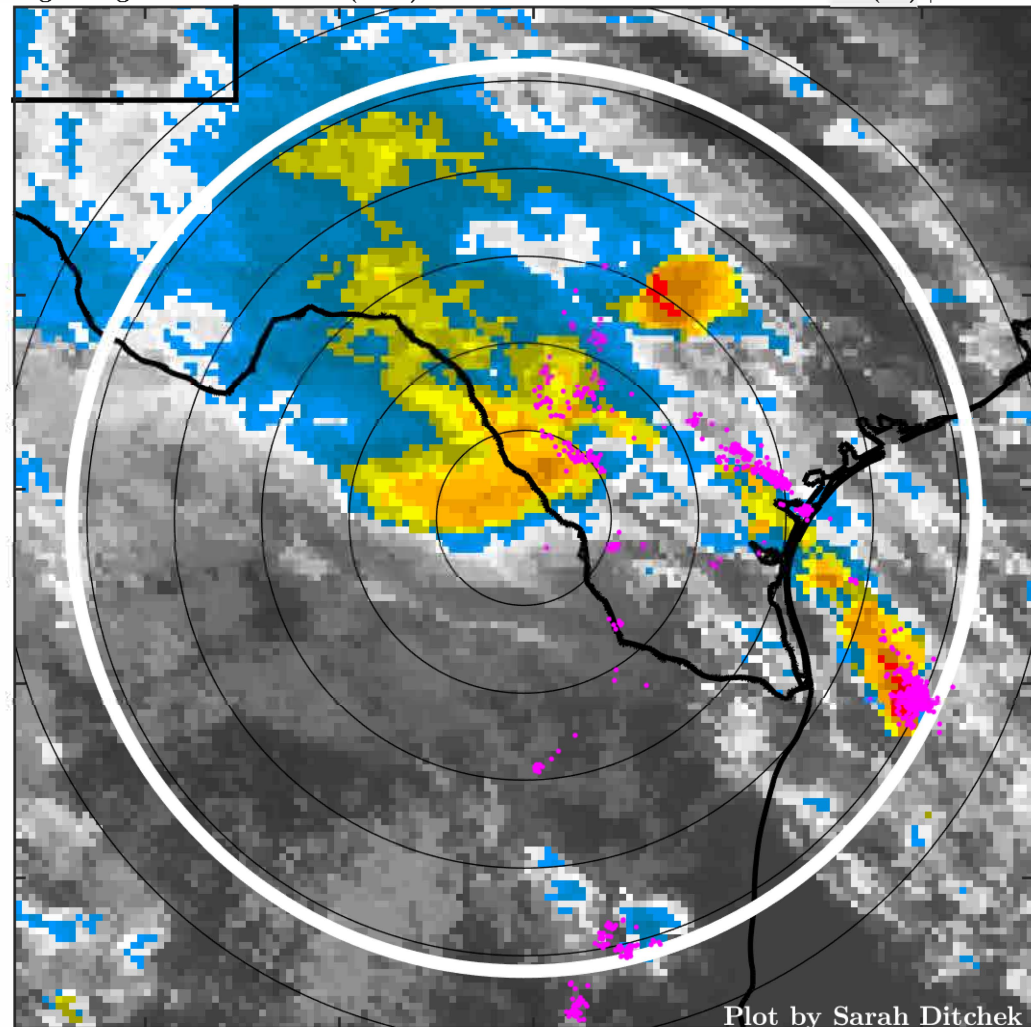
LAND EFFECTS

09L (HAROLD) | 30 kt TD

S: 5.9 m s⁻¹ (M) | H: 340°

Latitude

32
30
28
26
24



-104 -102 -100 -98 -96

Longitude



6-h IR BT Differences & Lightning

Δ t: 2023082300 (17.3 LT) - 2023082218 (11.4 LT)

Lightning: 17.3 LT $\pm$ 1.5 h (dots)

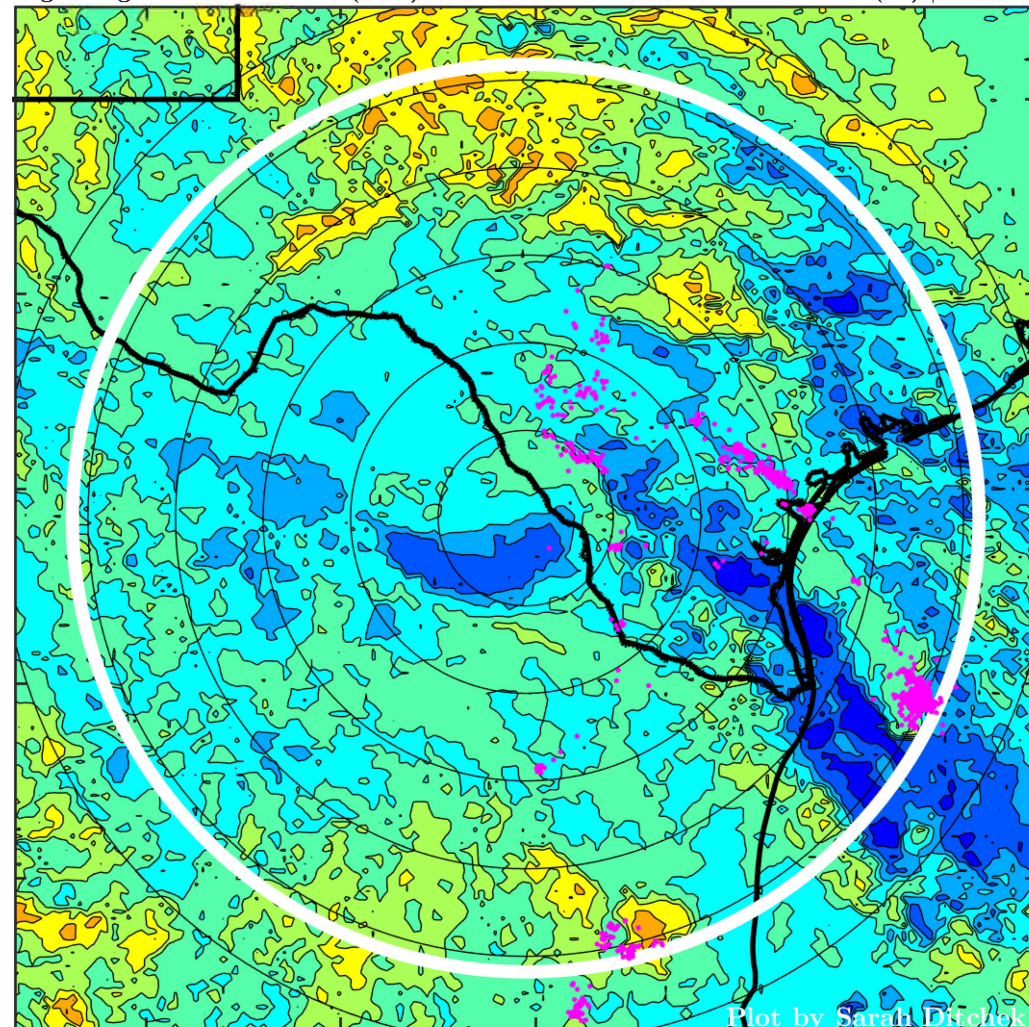
LAND EFFECTS

09L (HAROLD) | 30 kt TD

S: 5.9 m s⁻¹ (M) | H: 340°

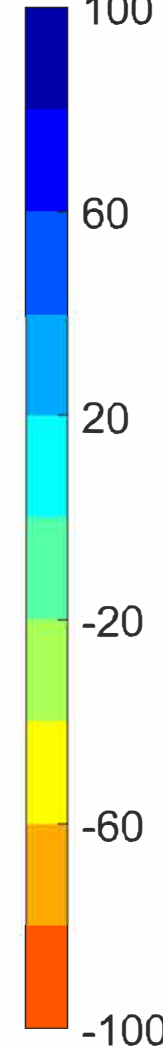
Latitude

32
30
28
26
24



-104 -102 -100 -98 -96

Longitude



IR BT & Lightning

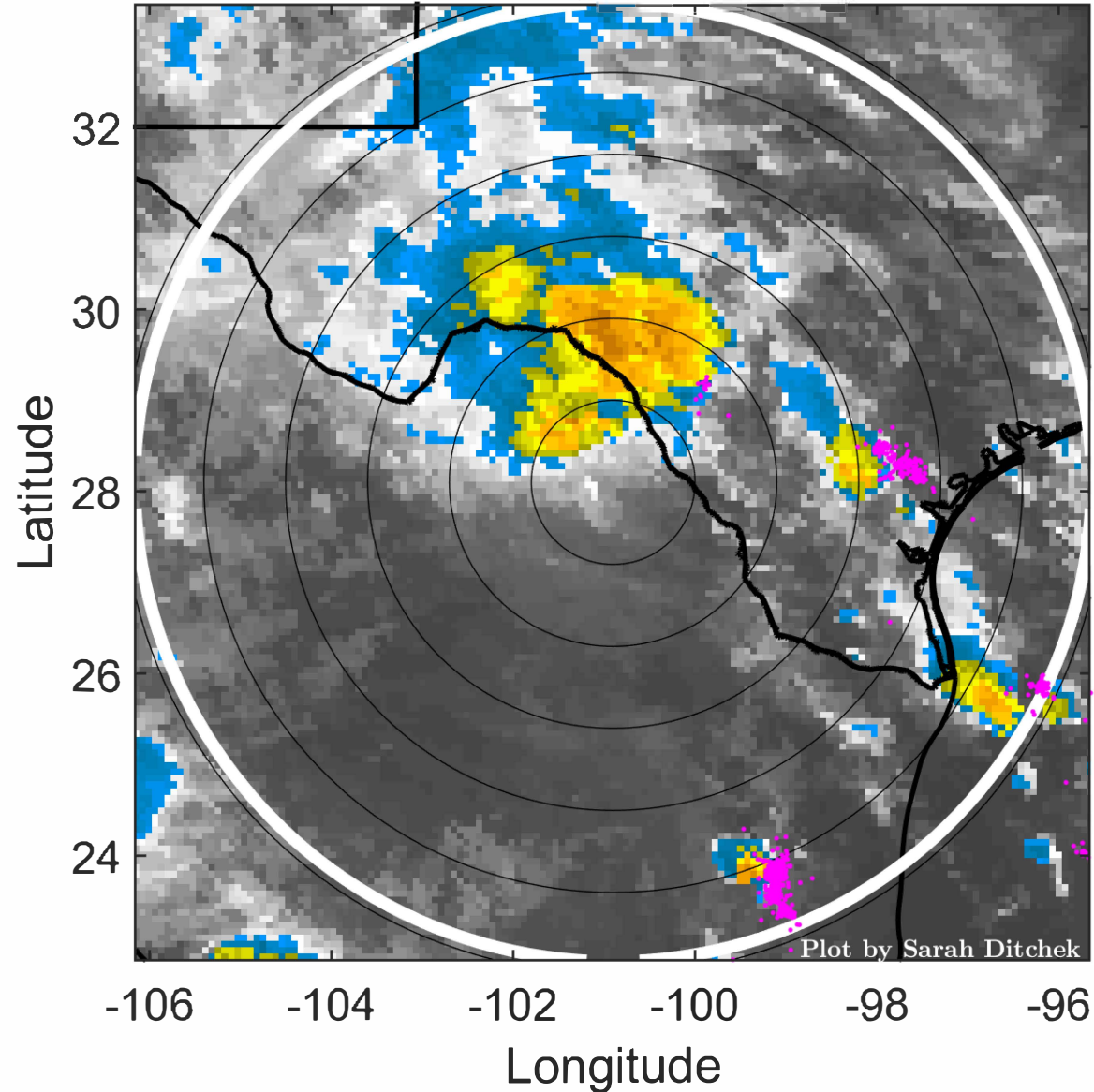
t: 2023082303 (20.3 LT)

Lightning: 20.3 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 27.5 kt TD

S: 5.2 m s⁻¹ (M) | H: 335°



6-h IR BT Differences & Lightning

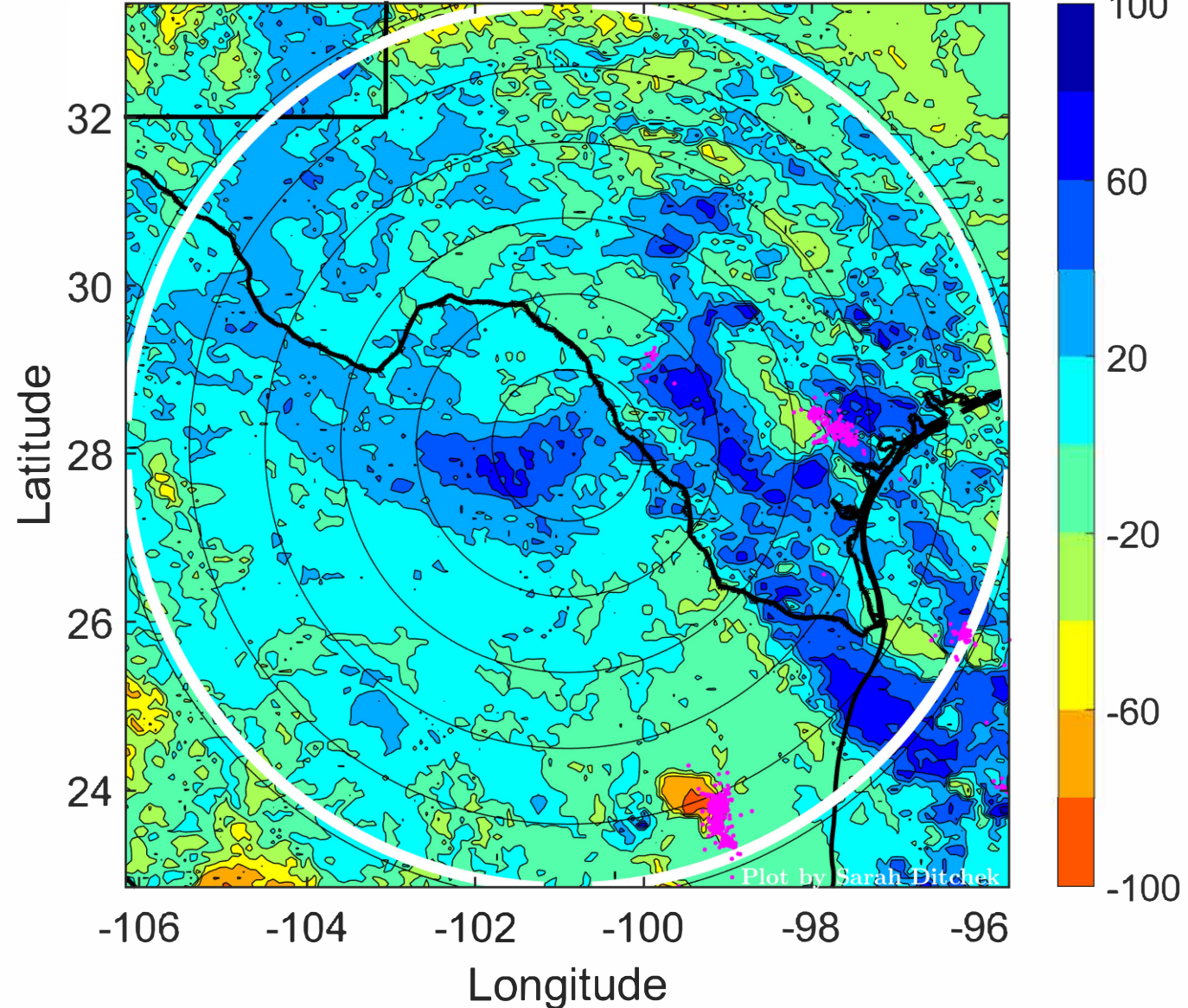
Δ t: 2023082303 (20.3 LT) - 2023082221 (14.4 LT)

Lightning: 20.3 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 27.5 kt TD

S: 5.2 m s⁻¹ (M) | H: 335°



IR BT & Lightning

t: 2023082306 (23.2 LT)

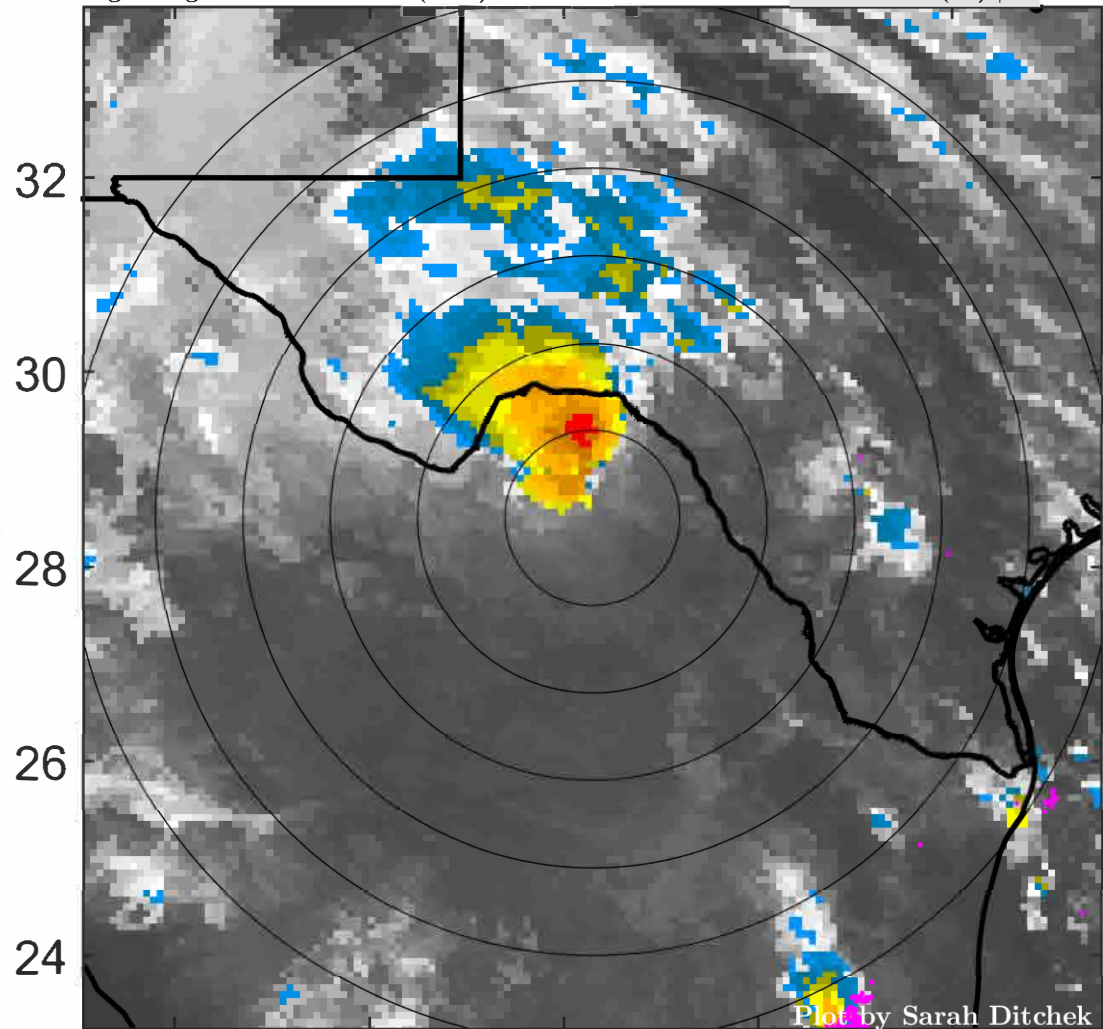
Lightning: 23.2 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 25 kt TD

S: 4.4 m s⁻¹ (M) | H: 330°

Latitude



-106

-104

-102

-100

-98

Longitude

40

20

0

-20

-40

-60

-80

6-h IR BT Differences & Lightning

Δ t: 2023082306 (23.2 LT) - 2023082300 (17.3 LT)

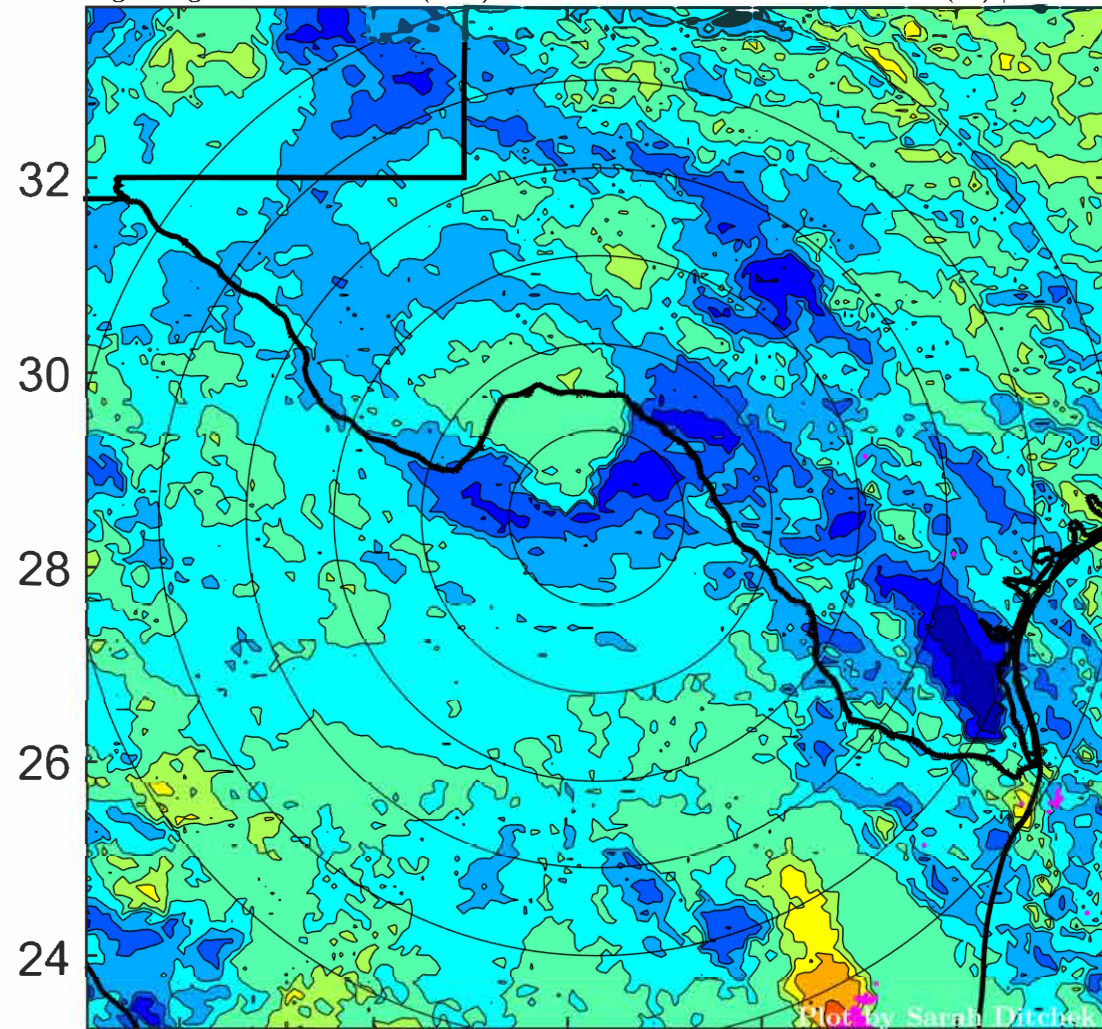
Lightning: 23.2 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 25 kt TD

S: 4.4 m s⁻¹ (M) | H: 330°

Latitude



-106

-104

-102

-100

-98

Longitude

100

60

20

-20

-60

-100

IR BT & Lightning

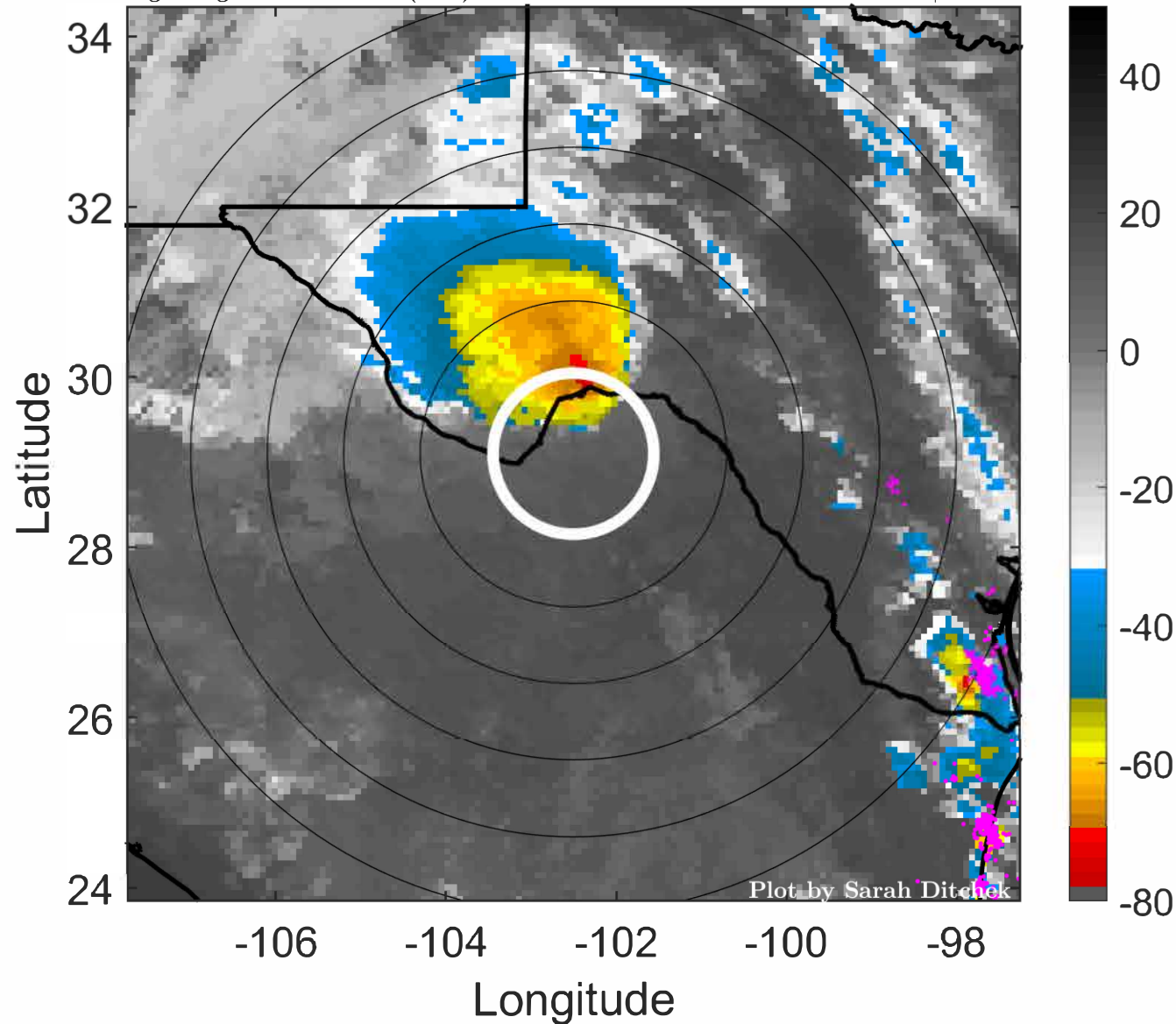
t: 2023082309 (2.2 LT)

Lightning: 2.2 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 22.5 kt TD

S: null | H: null



6-h IR BT Differences & Lightning

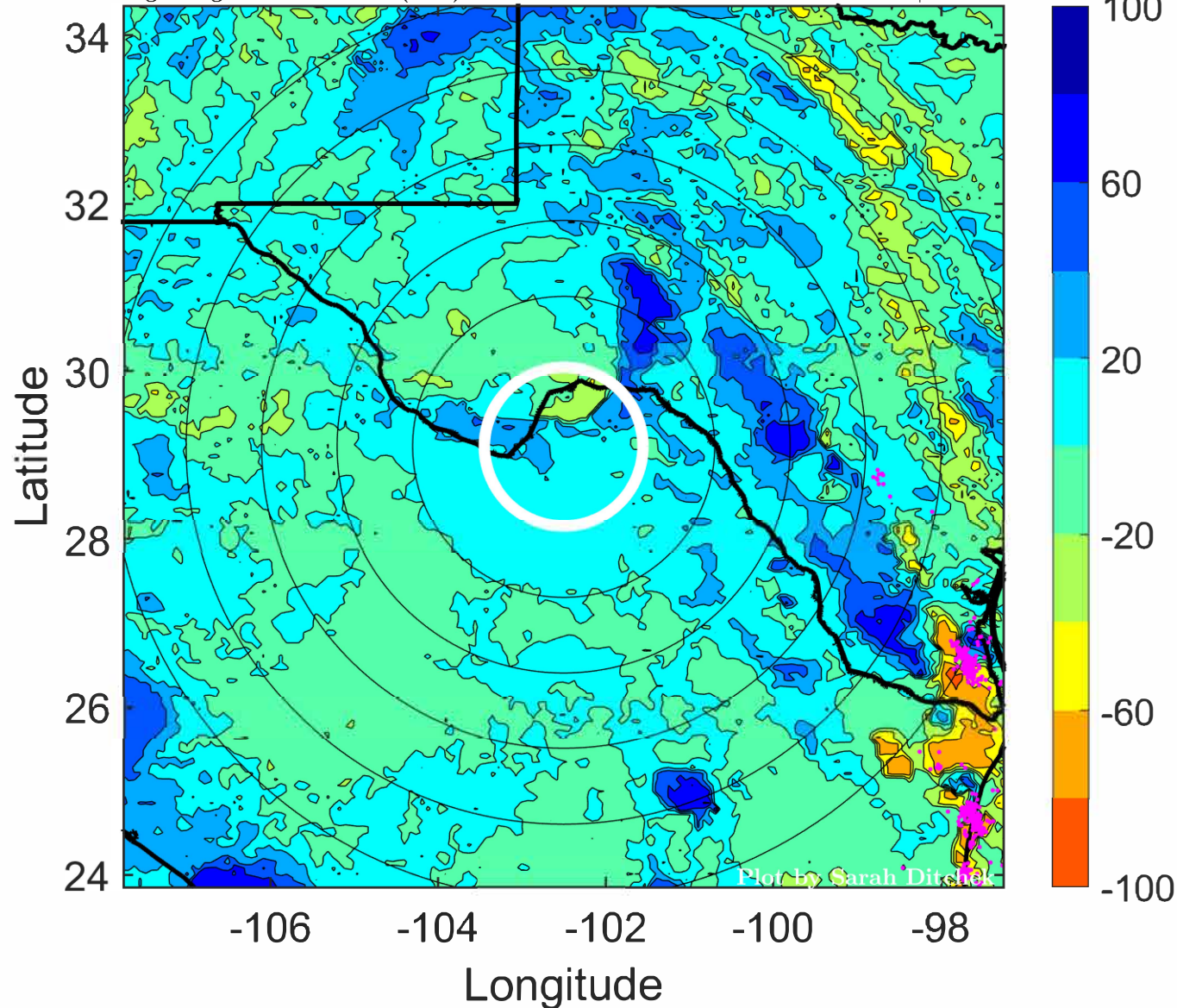
Δ t: 2023082309 (2.2 LT) - 2023082303 (20.3 LT)

Lightning: 2.2 LT $\pm$ 1.5 h (dots)

LAND EFFECTS

09L (HAROLD) | 22.5 kt TD

S: null | H: null



IR BT & Lightning

t: 2023082312 (5.1 LT)

Lightning: 5.1 LT $\pm$ 1.5 h (dots)

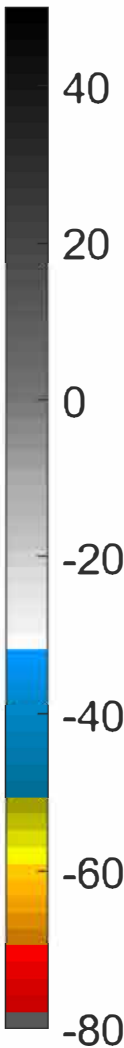
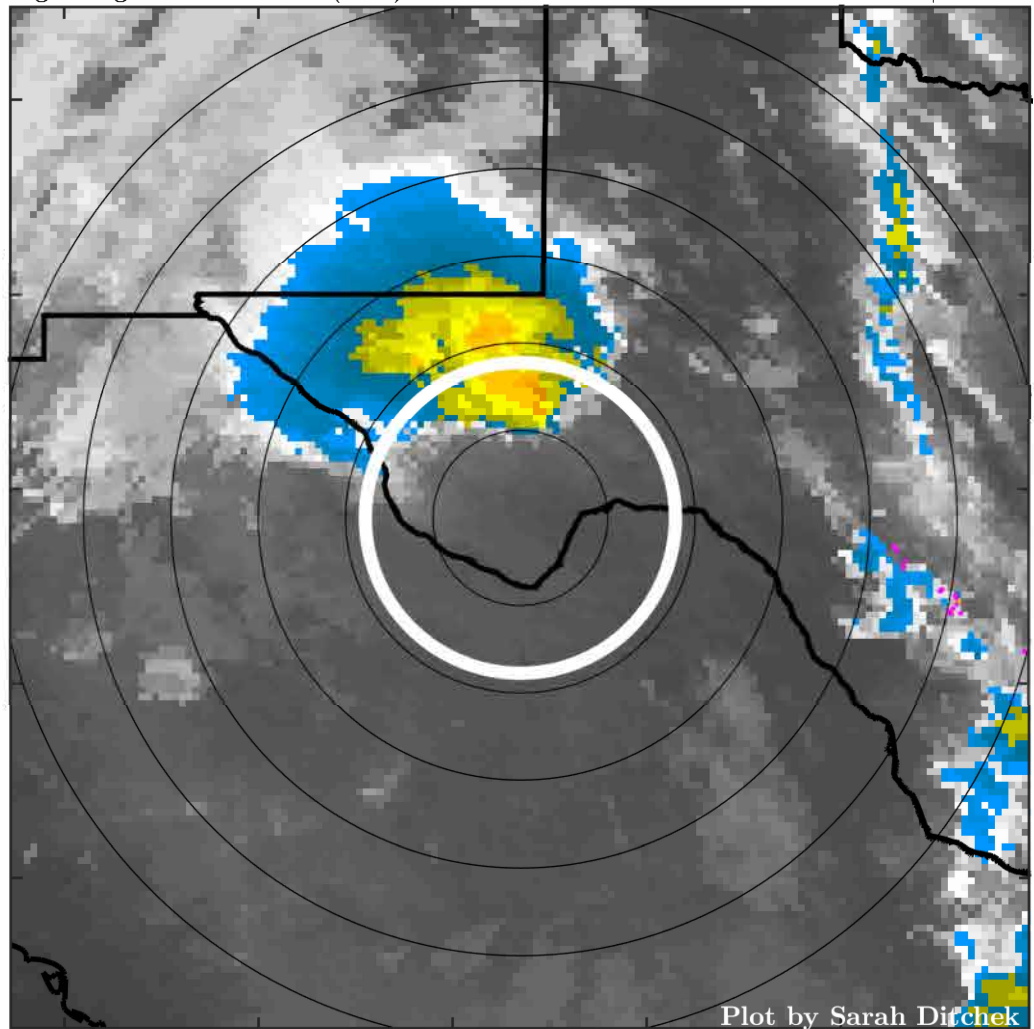
LAND EFFECTS

09L (HAROLD) | 20 kt LO

S: null | H: null

Latitude

34
32
30
28
26



Plot by Sarah Ditchek

-108 -106 -104 -102 -100

Longitude

6-h IR BT Differences & Lightning

Δ t: 2023082312 (5.1 LT) - 2023082306 (23.2 LT)

Lightning: 5.1 LT $\pm$ 1.5 h (dots)

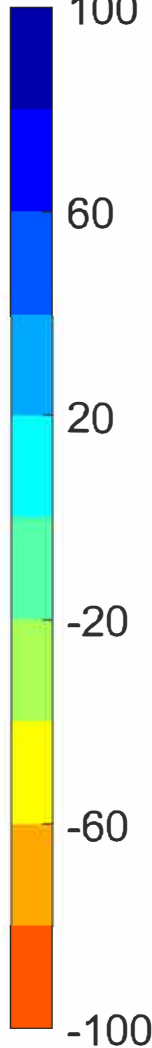
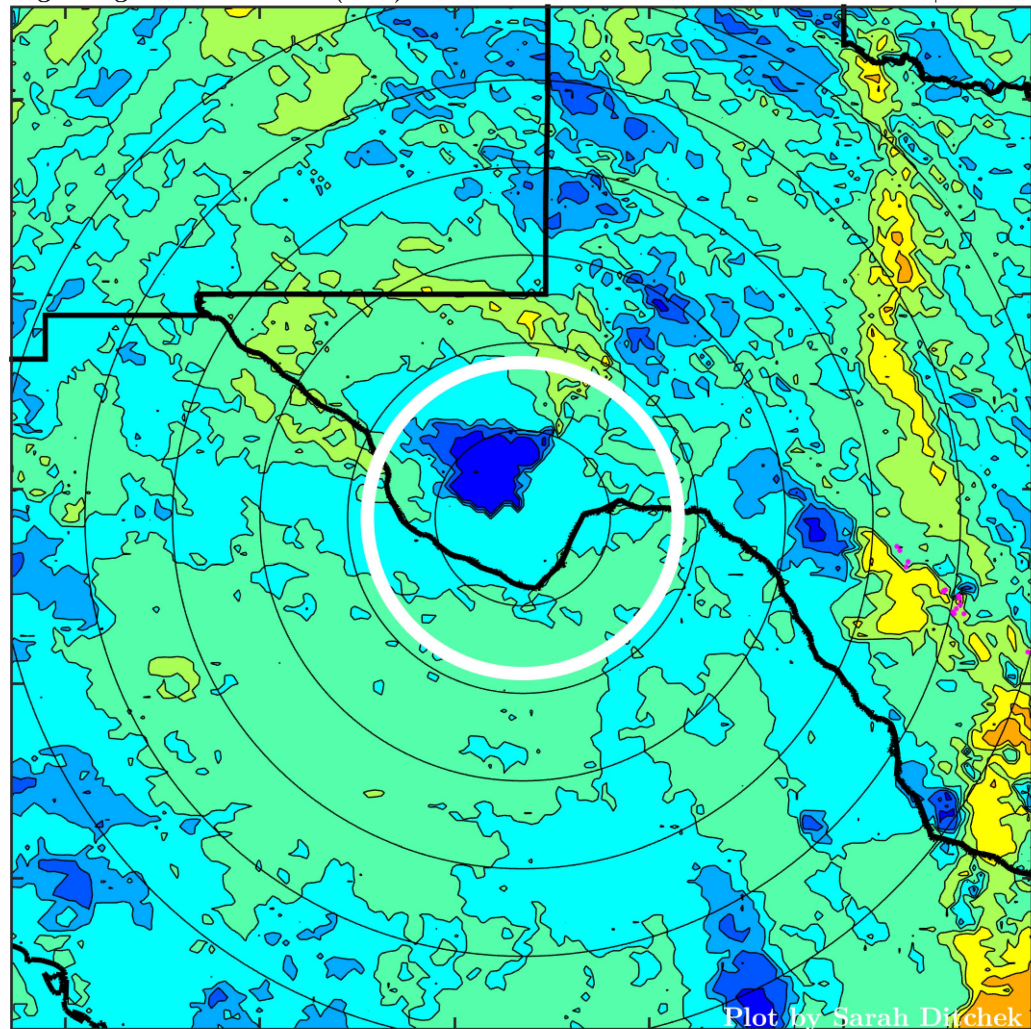
LAND EFFECTS

09L (HAROLD) | 20 kt LO

S: null | H: null

Latitude

34
32
30
28
26



Plot by Sarah Ditchek

-108 -106 -104 -102 -100

Longitude