

IR BT & Lightning

t: 2023082906 (2.6 LT)

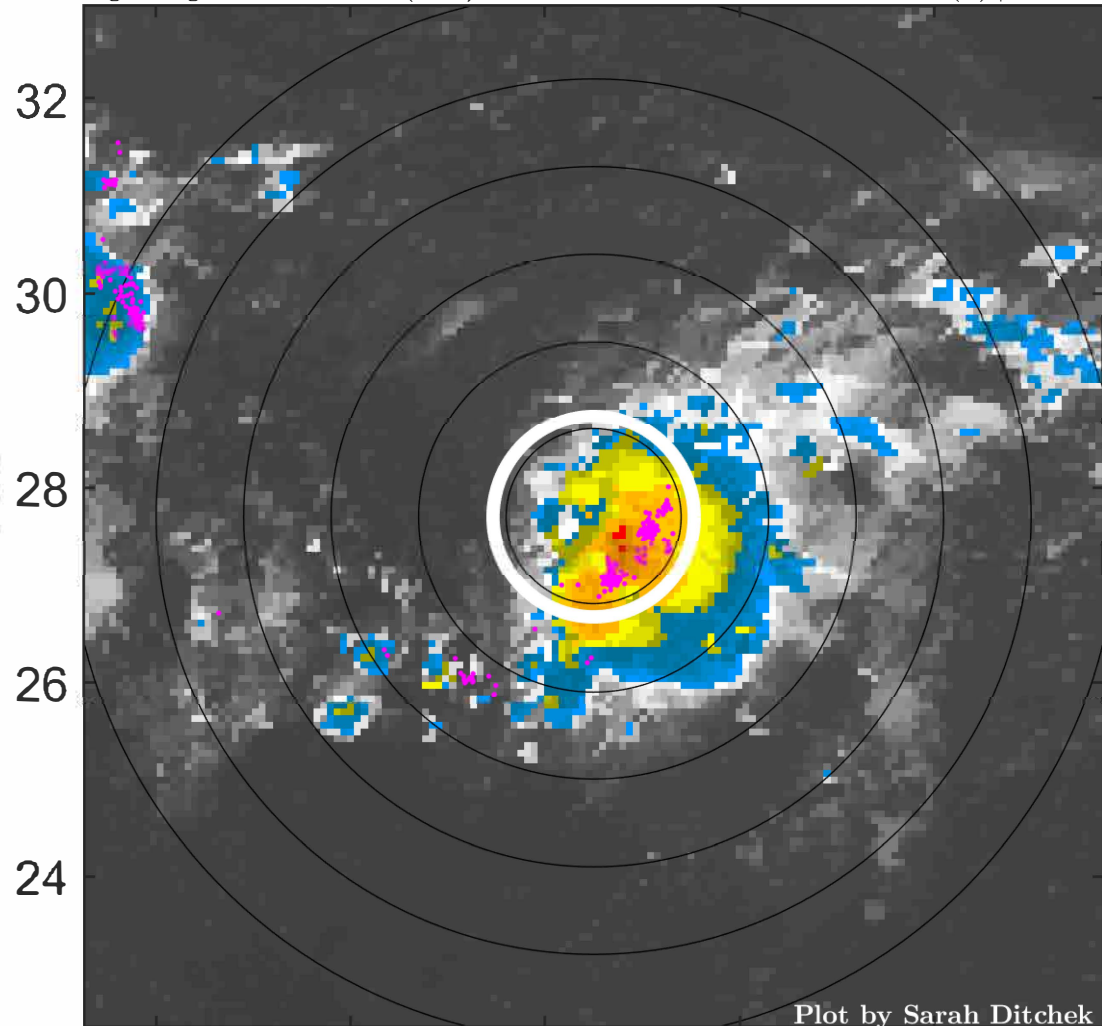
Lightning: 2.6 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.3 m s⁻¹ (L) | H: 112°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023082906 (2.6 LT) - 2023082900 (20.6 LT)

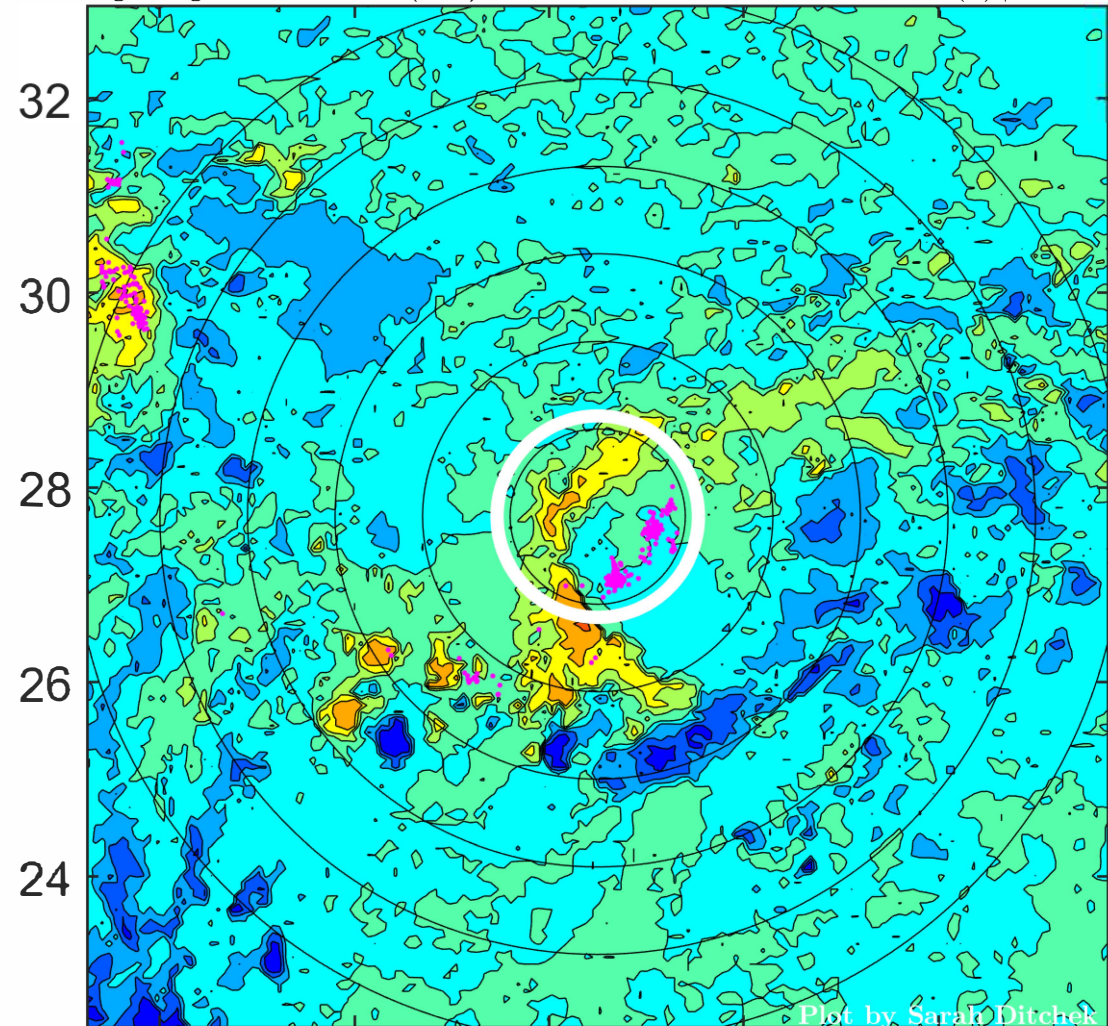
Lightning: 2.6 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.3 m s⁻¹ (L) | H: 112°

Latitude



Longitude

Longitude

IR BT & Lightning

t: 2023082909 (5.6 LT)

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

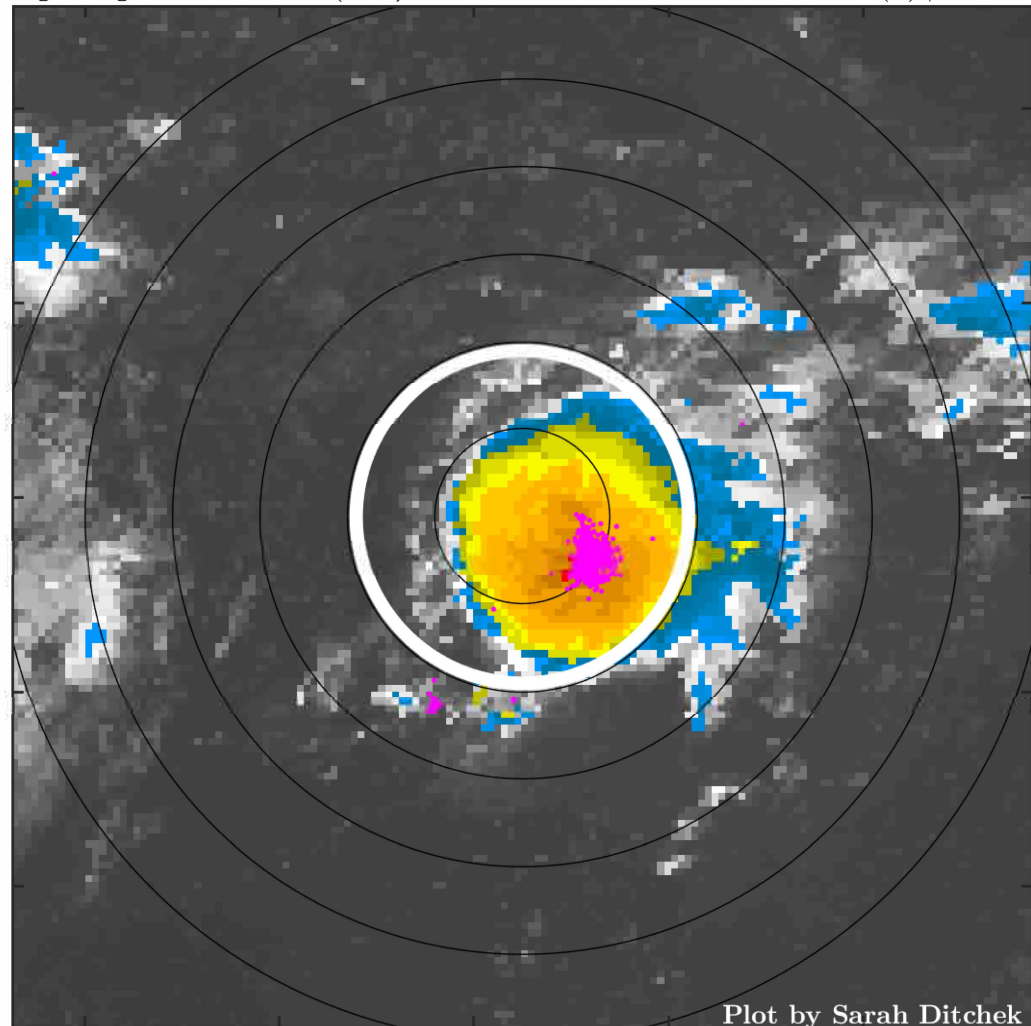
PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

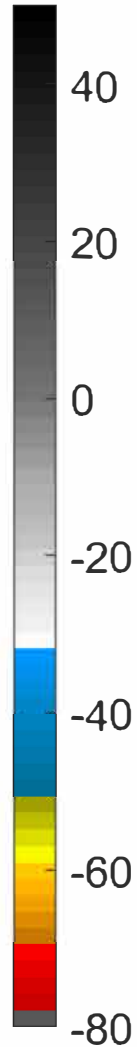
S: 2 m s⁻¹ (L) | H: 103°

Latitude

32
30
28
26
24



Plot by Sarah Ditchek



6-h IR BT Differences & Lightning

Δ t: 2023082909 (5.6 LT) - 2023082903 (23.6 LT)

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

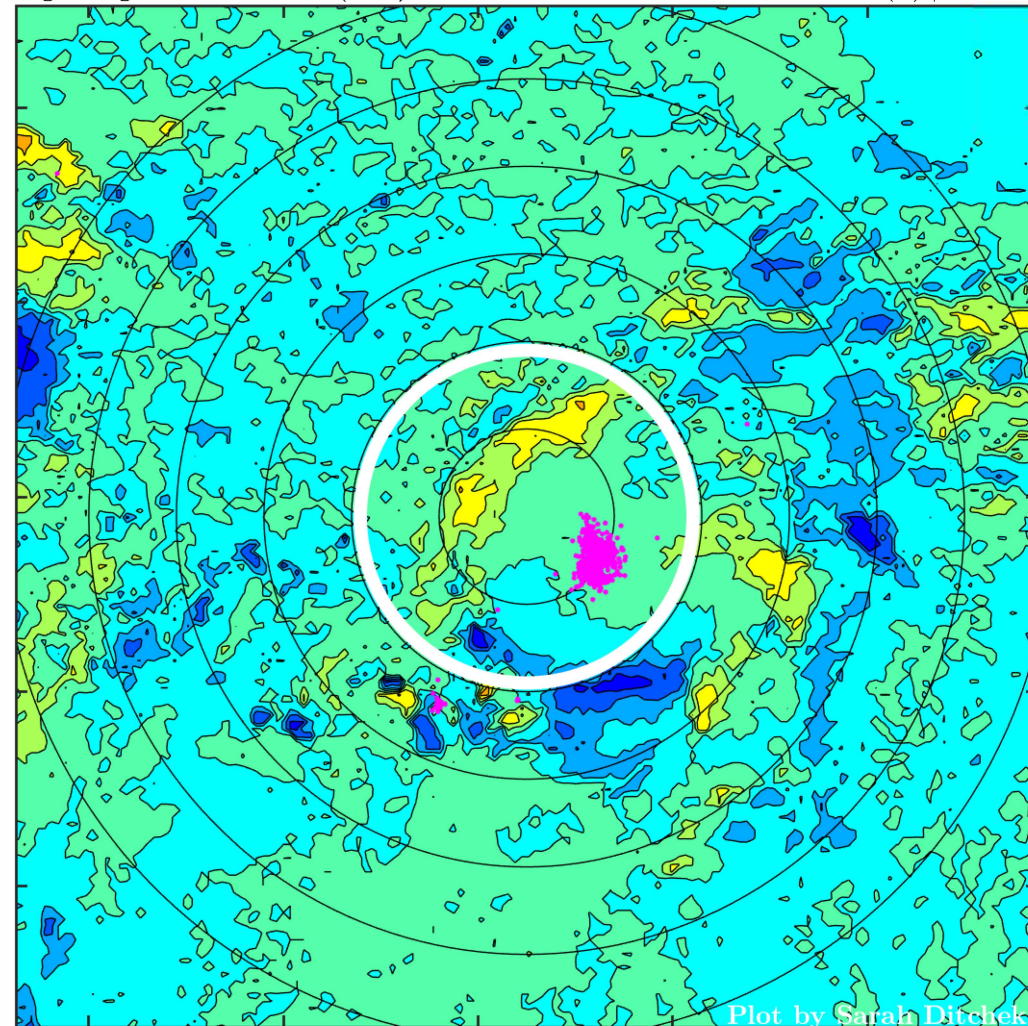
PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

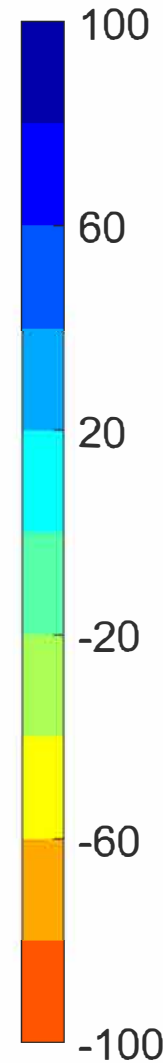
S: 2 m s⁻¹ (L) | H: 103°

Latitude

32
30
28
26
24



Plot by Sarah Ditchek



IR BT & Lightning

t: 2023082912 (8.6 LT)

Lightning: 8.6 LT $\pm$ 1.5 h (dots)

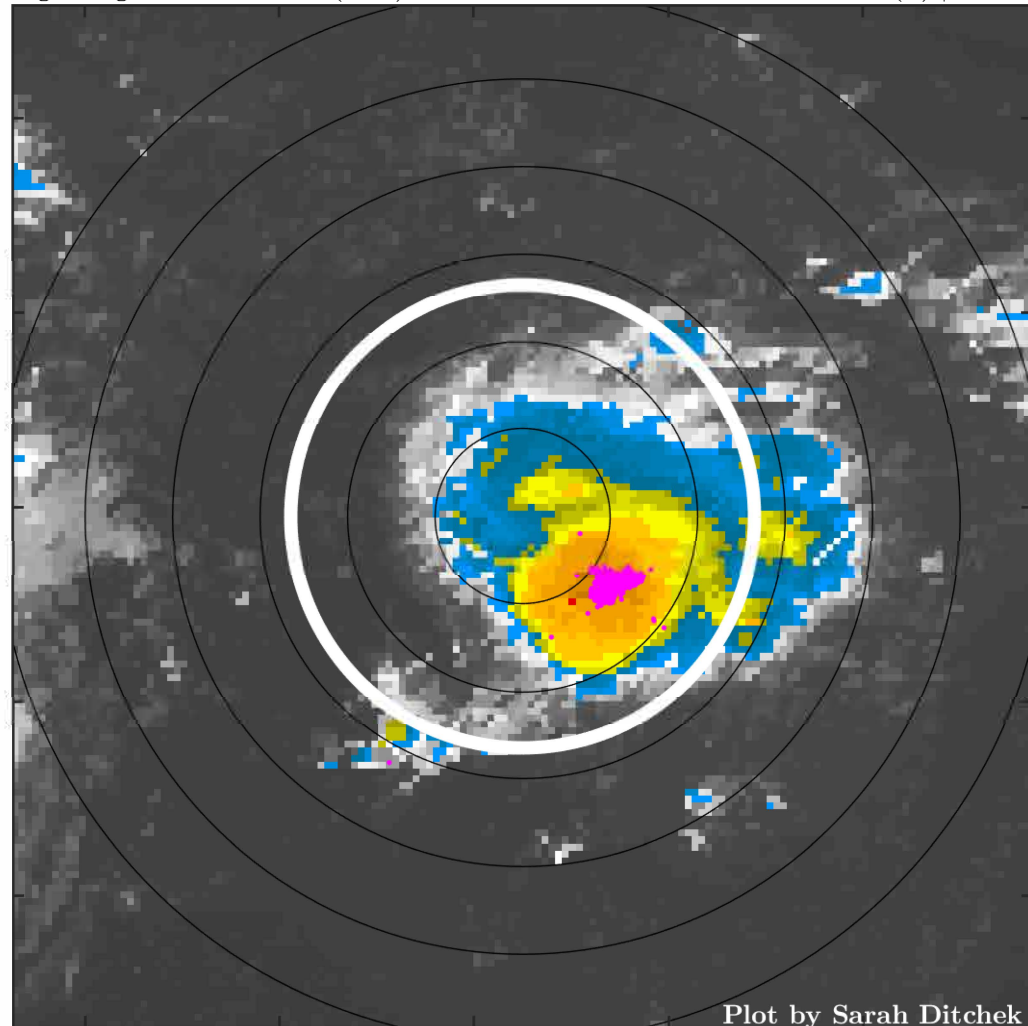
PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 1.8 m s⁻¹ (L) | H: 94°

Latitude

32
30
28
26
24



6-h IR BT Differences & Lightning

Δ t: 2023082912 (8.6 LT) - 2023082906 (2.6 LT)

Lightning: 8.6 LT $\pm$ 1.5 h (dots)

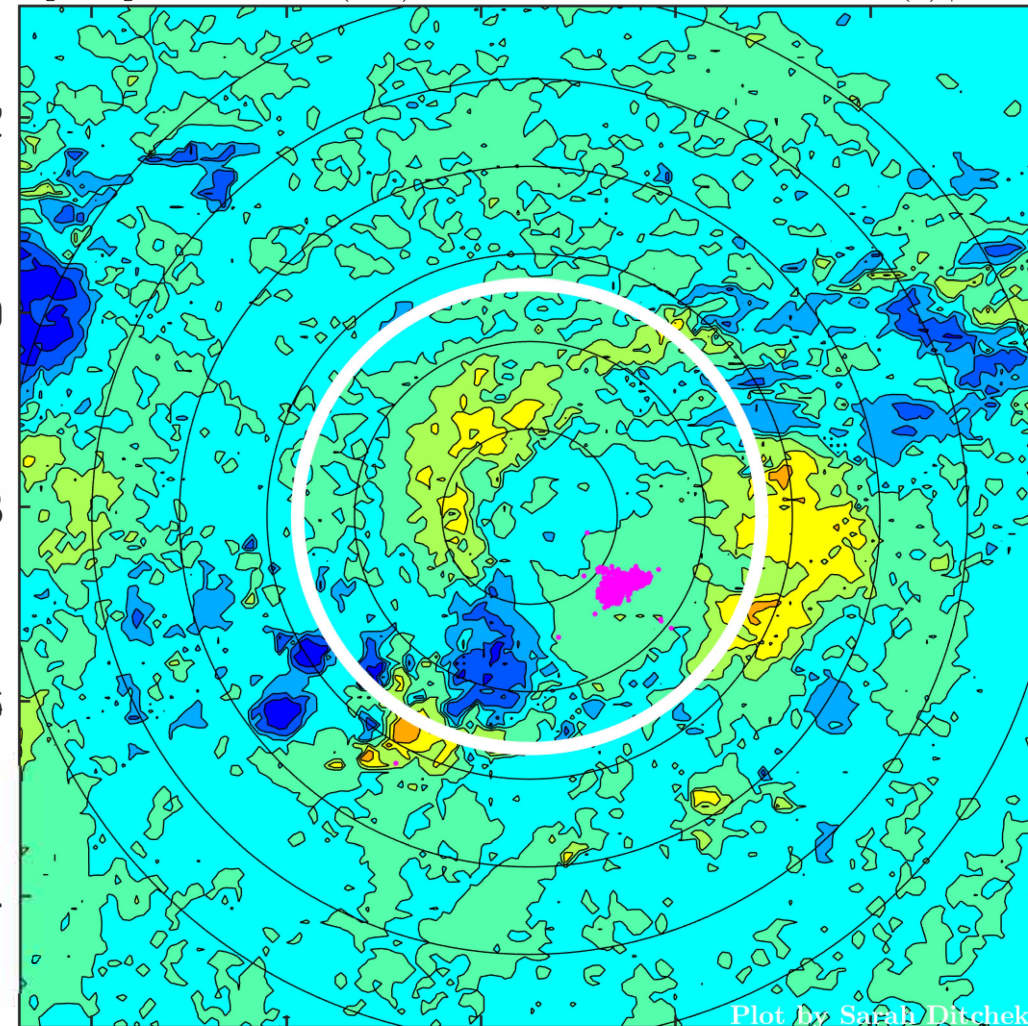
PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 1.8 m s⁻¹ (L) | H: 94°

Latitude

32
30
28
26
24



-56 -54 -52 -50 -48

Longitude

-56 -54 -52 -50 -48

Longitude

IR BT & Lightning

t: 2023082915 (11.6 LT)

Lightning: 11.6 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.3 m s⁻¹ (L) | H: 85.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023082915 (11.6 LT) - 2023082909 (5.6 LT)

Lightning: 11.6 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.3 m s⁻¹ (L) | H: 85.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023082918 (14.5 LT)

Lightning: 14.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.7 m s⁻¹ (L) | H: 77°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023082918 (14.5 LT) - 2023082912 (8.6 LT)

Lightning: 14.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.7 m s⁻¹ (L) | H: 77°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023082921 (17.5 LT)

Lightning: 17.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.4 m s⁻¹ (L) | H: 94.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023082921 (17.5 LT) - 2023082915 (11.6 LT)

Lightning: 17.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.4 m s⁻¹ (L) | H: 94.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083000 (20.5 LT)

Lightning: 20.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.1 m s⁻¹ (L) | H: 112°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083000 (20.5 LT) - 2023082918 (14.5 LT)

Lightning: 20.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 2.1 m s⁻¹ (L) | H: 112°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083003 (23.5 LT)

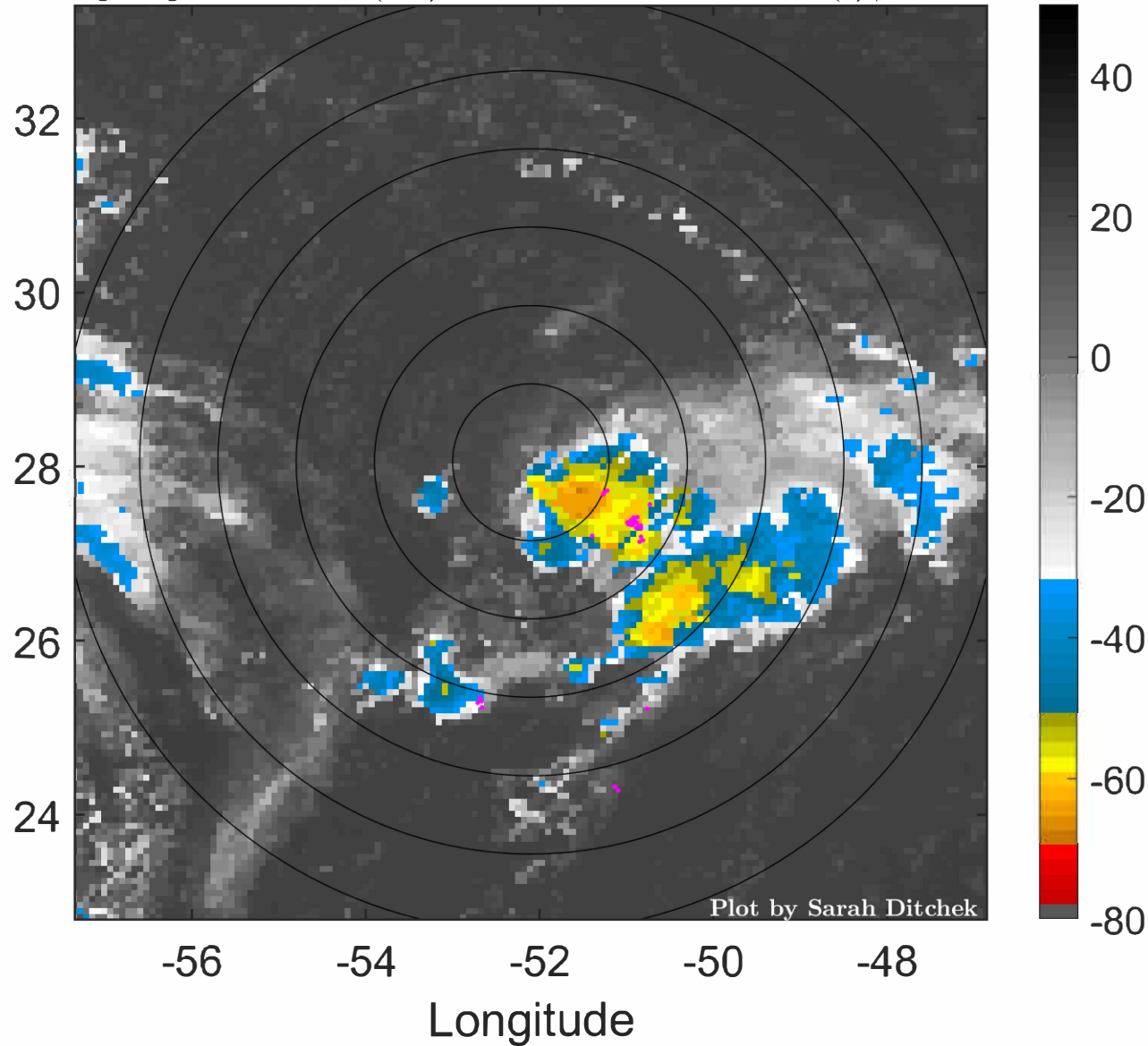
Lightning: 23.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 1.5 m s⁻¹ (L) | H: 124.5°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023083003 (23.5 LT) - 2023082921 (17.5 LT)

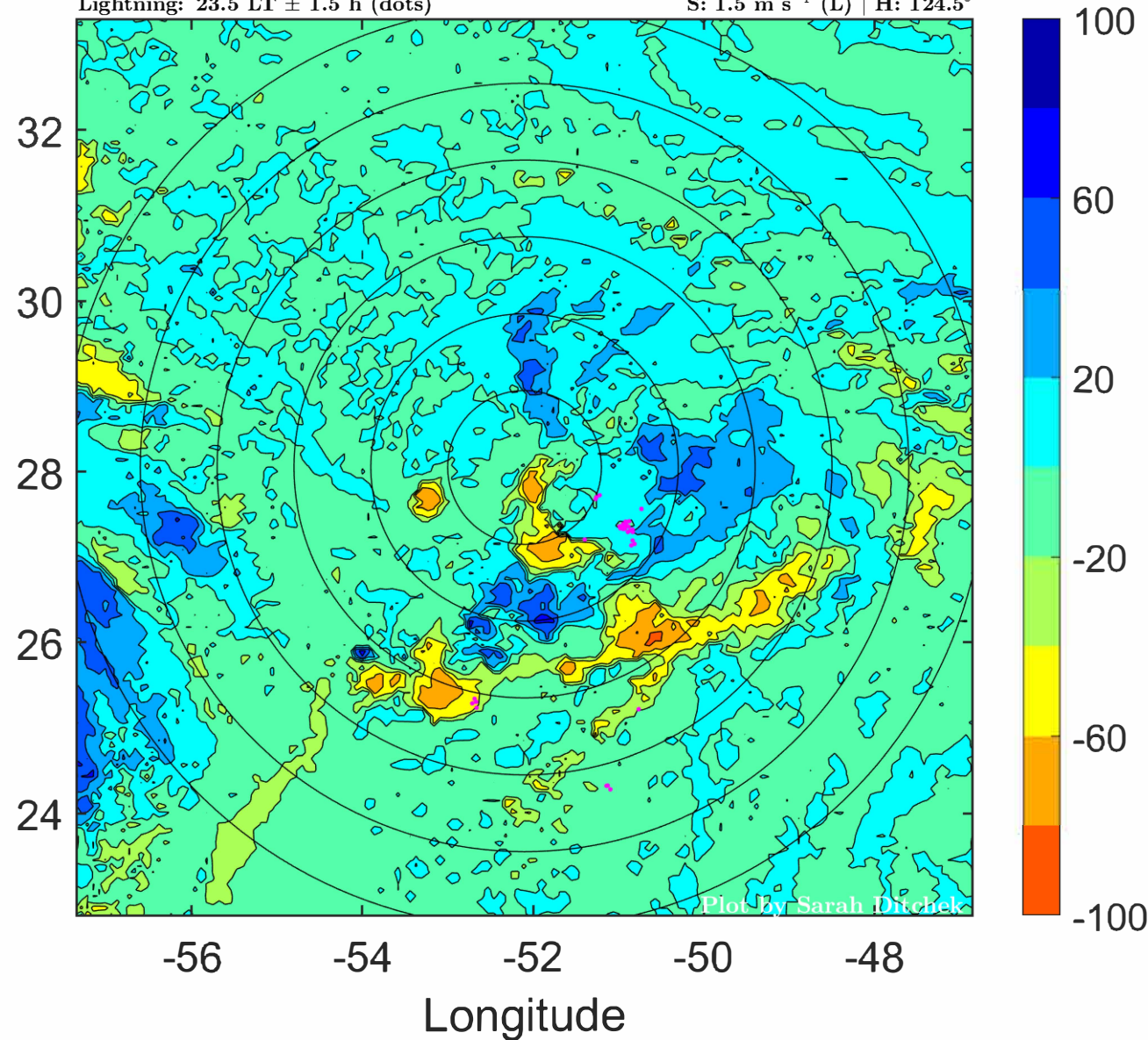
Lightning: 23.5 LT $\pm$ 1.5 h (dots)

PT: NP | EA: INACT

11L (JOSE) | 30 kt TD

S: 1.5 m s⁻¹ (L) | H: 124.5°

Latitude



IR BT & Lightning

t: 2023083006 (2.5 LT)

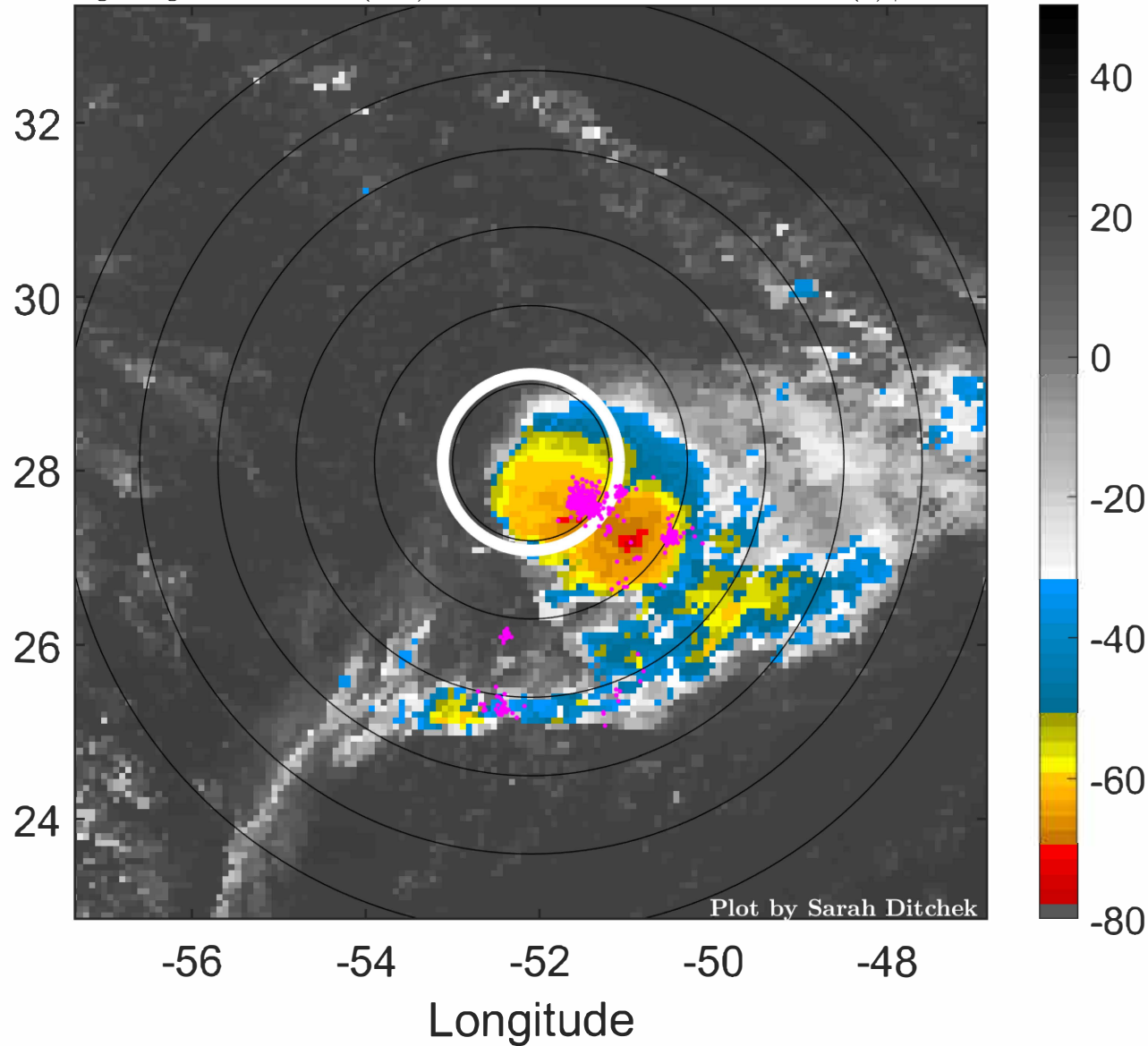
Lightning: 2.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 0.9 m s⁻¹ (L) | H: 137°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023083006 (2.5 LT) - 2023083000 (20.5 LT)

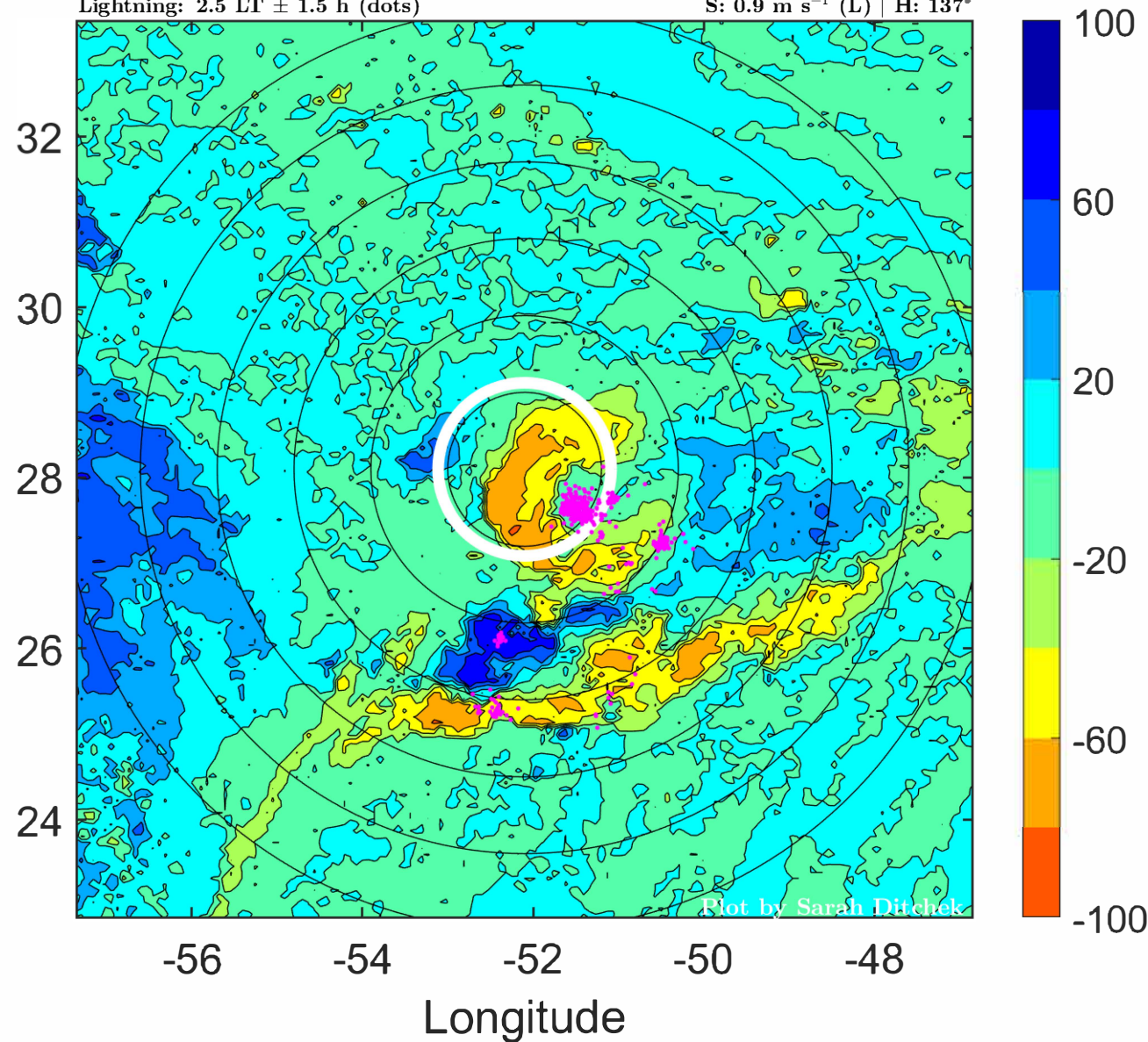
Lightning: 2.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 0.9 m s⁻¹ (L) | H: 137°

Latitude



IR BT & Lightning

t: 2023083009 (5.5 LT)

Lightning: 5.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 0.9 m s⁻¹ (L) | H: 111.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083009 (5.5 LT) - 2023083003 (23.5 LT)

Lightning: 5.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 0.9 m s⁻¹ (L) | H: 111.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083012 (8.5 LT)

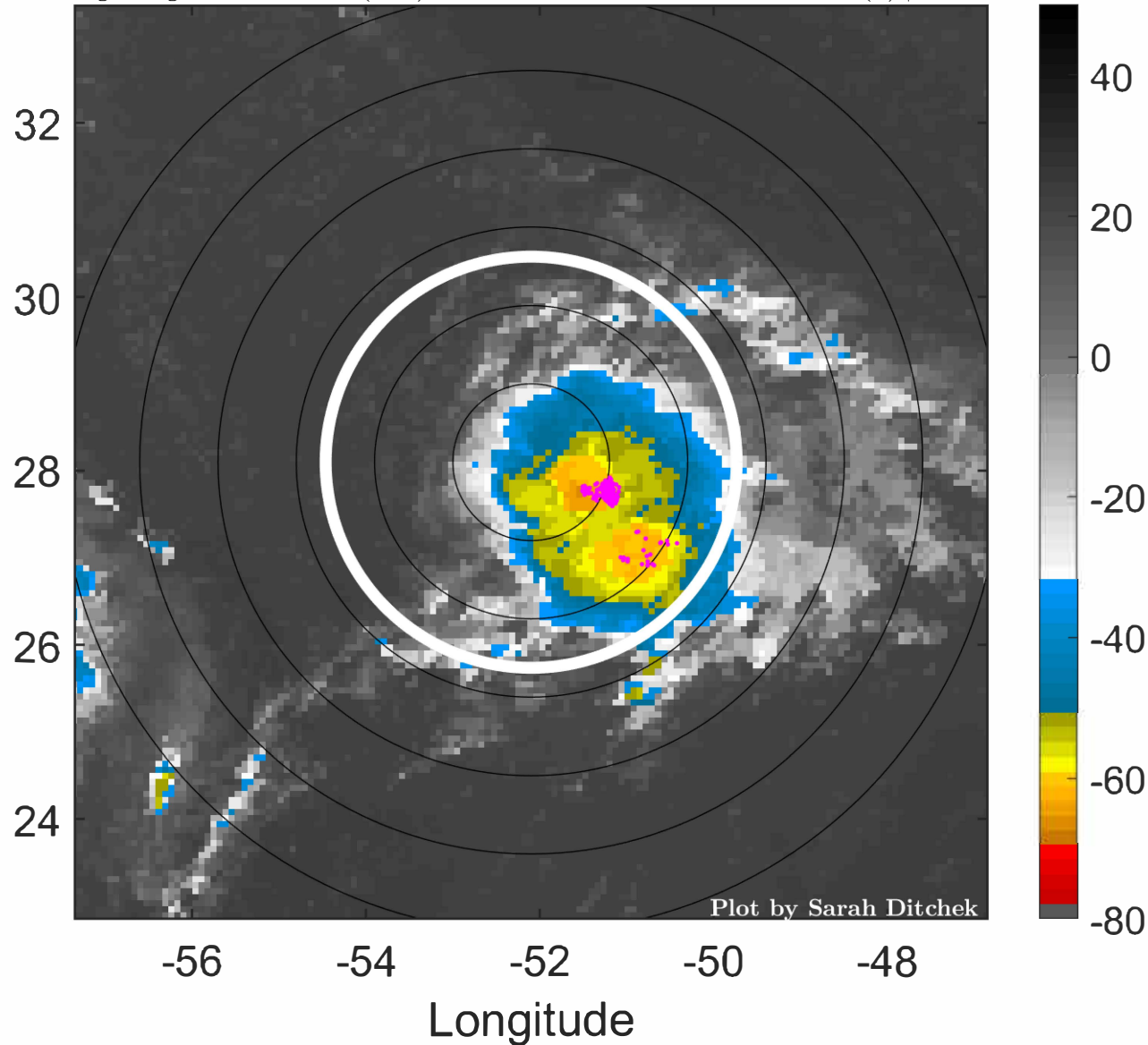
Lightning: 8.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 0.8 m s⁻¹ (L) | H: 86°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023083012 (8.5 LT) - 2023083006 (2.5 LT)

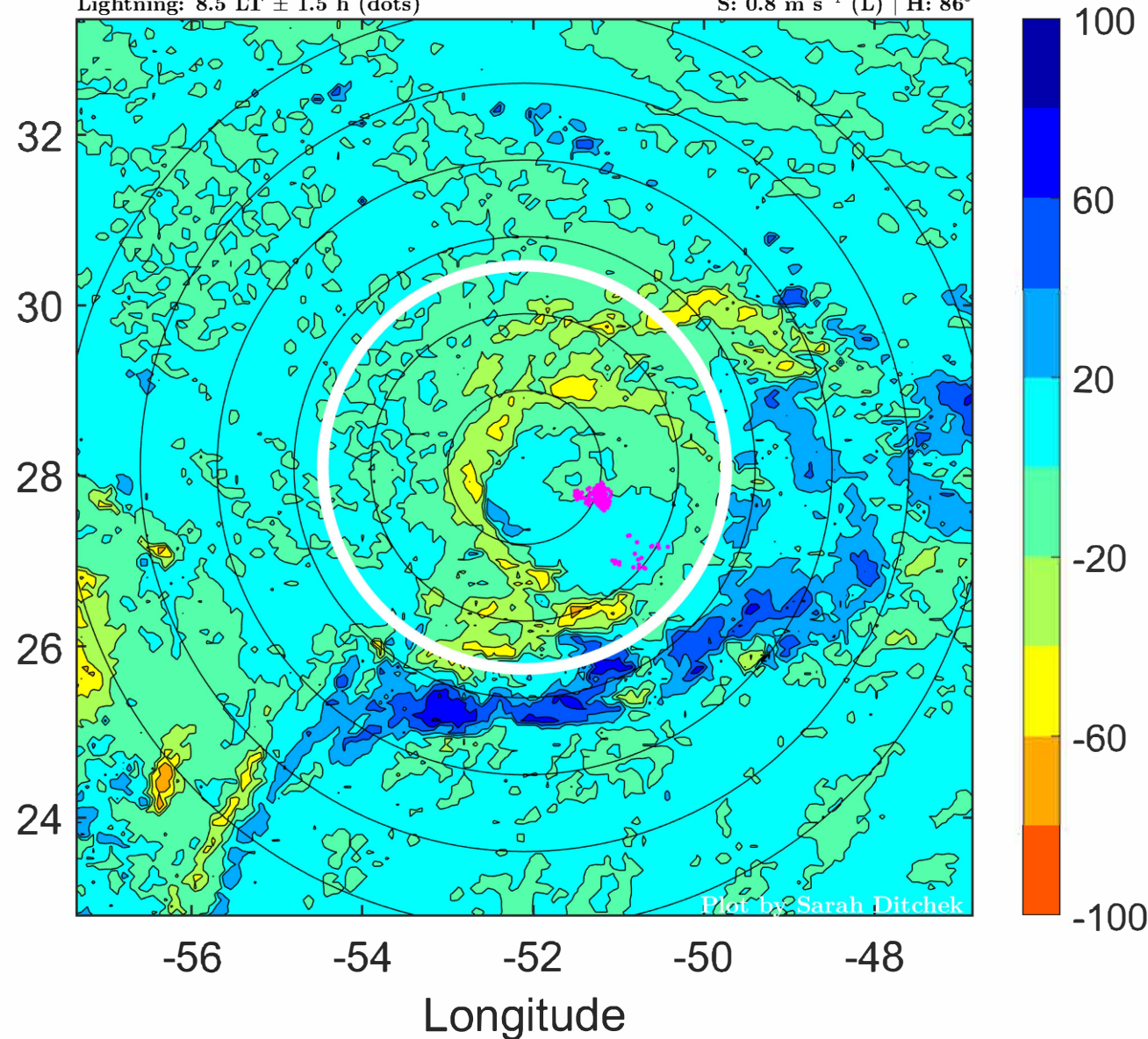
Lightning: 8.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 0.8 m s⁻¹ (L) | H: 86°

Latitude



IR BT & Lightning

t: 2023083015 (11.5 LT)

Lightning: 11.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 1.3 m s⁻¹ (L) | H: 101°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083015 (11.5 LT) - 2023083009 (5.5 LT)

Lightning: 11.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 1.3 m s⁻¹ (L) | H: 101°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083018 (14.5 LT)

Lightning: 14.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 1.7 m s⁻¹ (L) | H: 116°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083018 (14.5 LT) - 2023083012 (8.5 LT)

Lightning: 14.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 30 kt TD

S: 1.7 m s⁻¹ (L) | H: 116°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083021 (17.5 LT)

Lightning: 17.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 32.5 kt TD

S: 1.5 m s⁻¹ (L) | H: 148°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083021 (17.5 LT) - 2023083015 (11.5 LT)

Lightning: 17.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 32.5 kt TD

S: 1.5 m s⁻¹ (L) | H: 148°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083100 (20.5 LT)

Lightning: 20.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 35 kt TS

S: 1.3 m s⁻¹ (L) | H: 180°

Latitude

32

30

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26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083100 (20.5 LT) - 2023083018 (14.5 LT)

Lightning: 20.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 35 kt TS

S: 1.3 m s⁻¹ (L) | H: 180°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083103 (23.5 LT)

Lightning: 23.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 37.5 kt TS

S: 1.2 m s⁻¹ (L) | H: 187.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

Plot by Sarah Ditchek

6-h IR BT Differences & Lightning

Δ t: 2023083103 (23.5 LT) - 2023083021 (17.5 LT)

Lightning: 23.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 37.5 kt TS

S: 1.2 m s⁻¹ (L) | H: 187.5°

Latitude

32

30

28

26

24

-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

Plot by Sarah Ditchek

IR BT & Lightning

t: 2023083106 (2.5 LT)

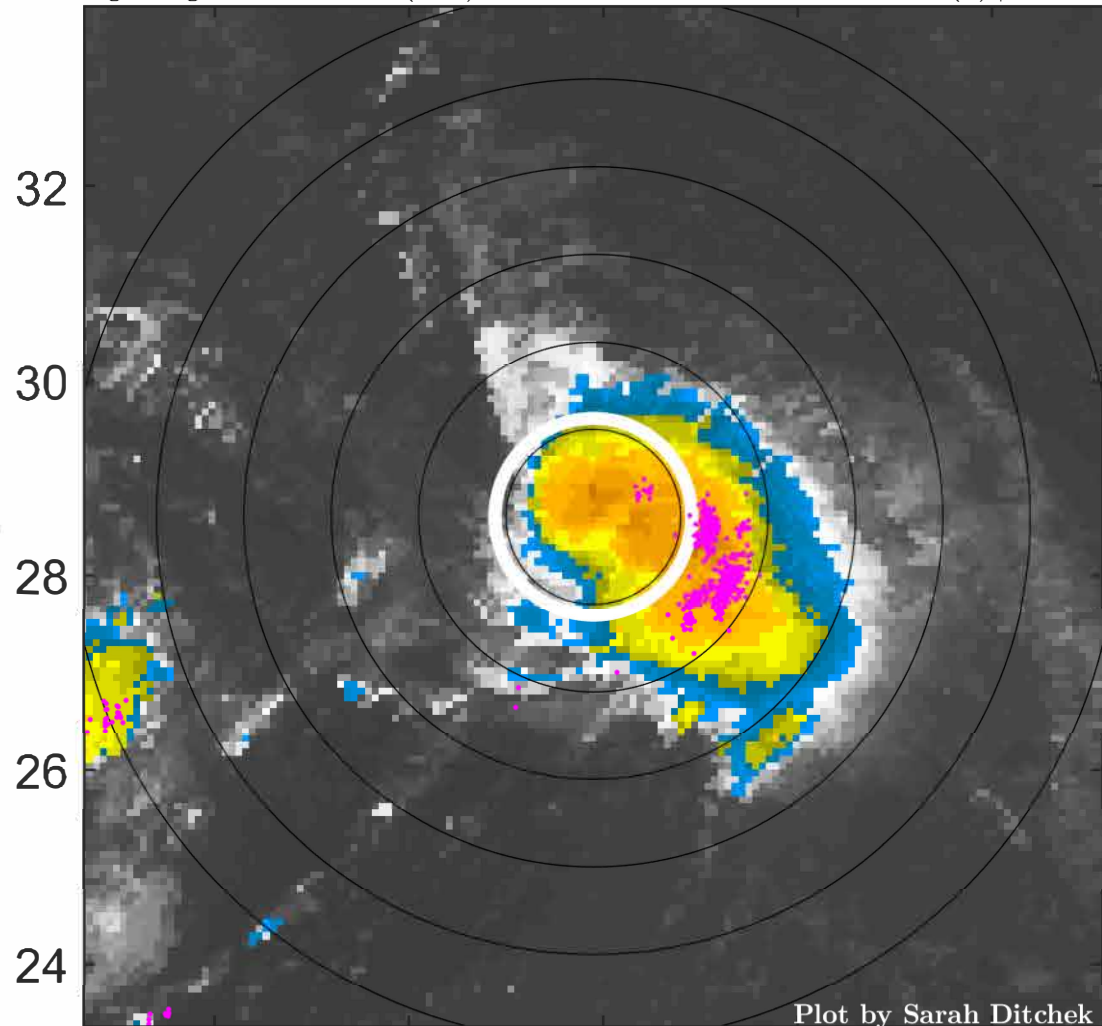
Lightning: 2.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 40 kt TS

S: 1.1 m s⁻¹ (L) | H: 195°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023083106 (2.5 LT) - 2023083100 (20.5 LT)

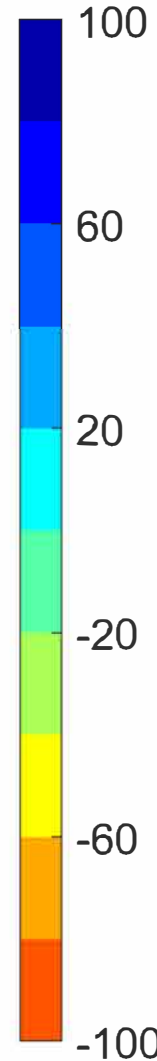
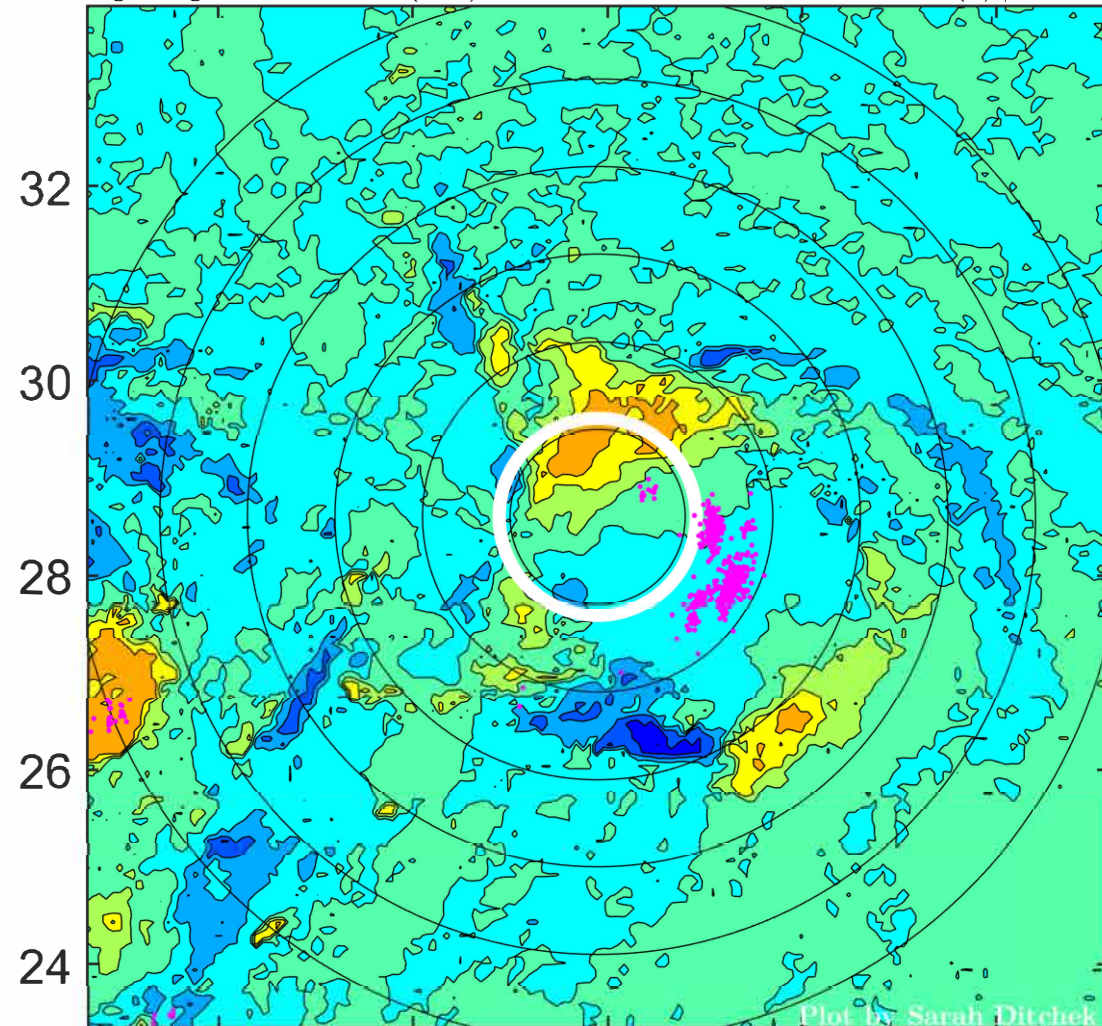
Lightning: 2.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 40 kt TS

S: 1.1 m s⁻¹ (L) | H: 195°

Latitude



Longitude

Longitude

IR BT & Lightning

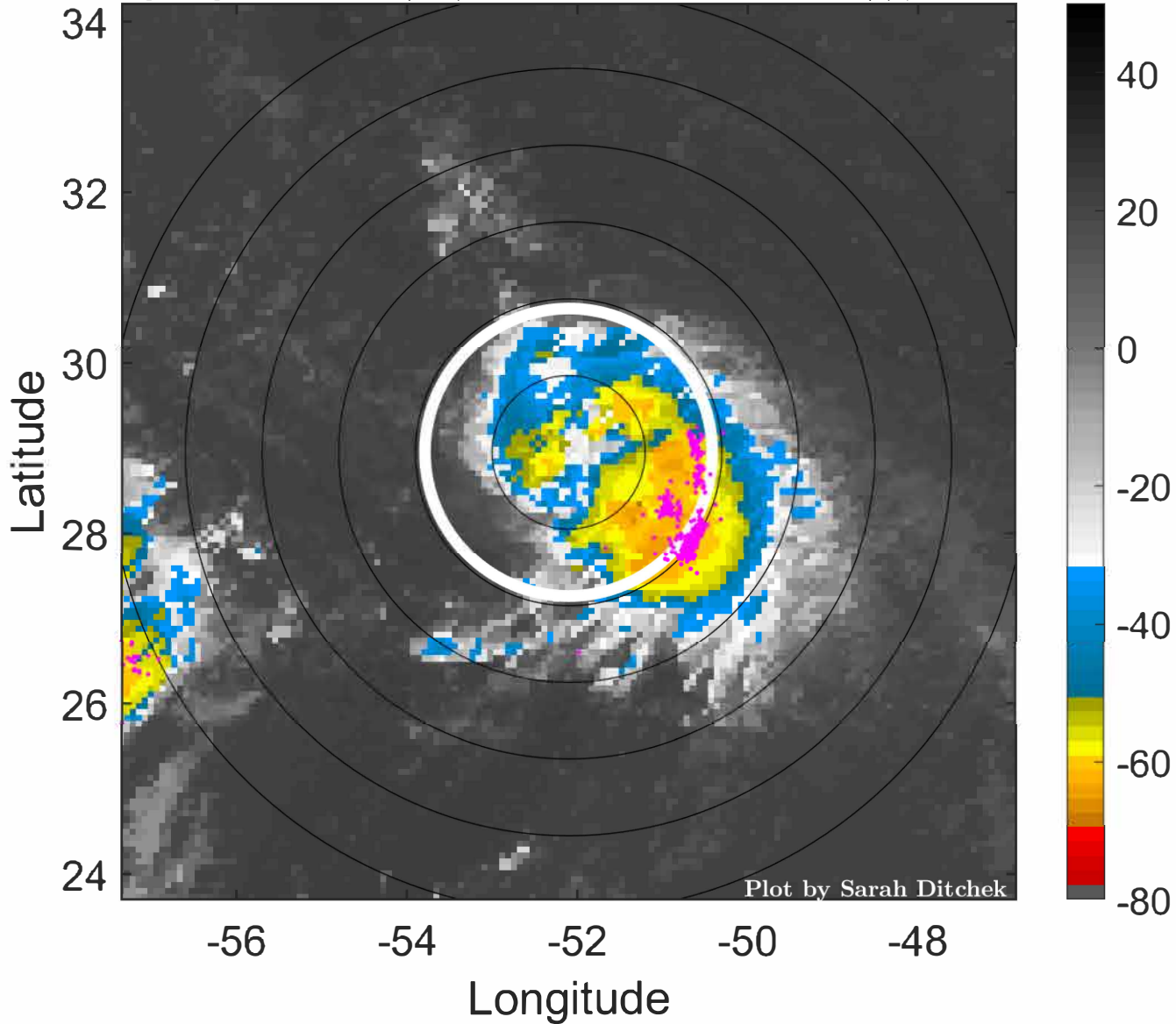
t: 2023083109 (5.5 LT)

Lightning: 5.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 42.5 kt TS

S: 1.8 m s⁻¹ (L) | H: 183.5°



6-h IR BT Differences & Lightning

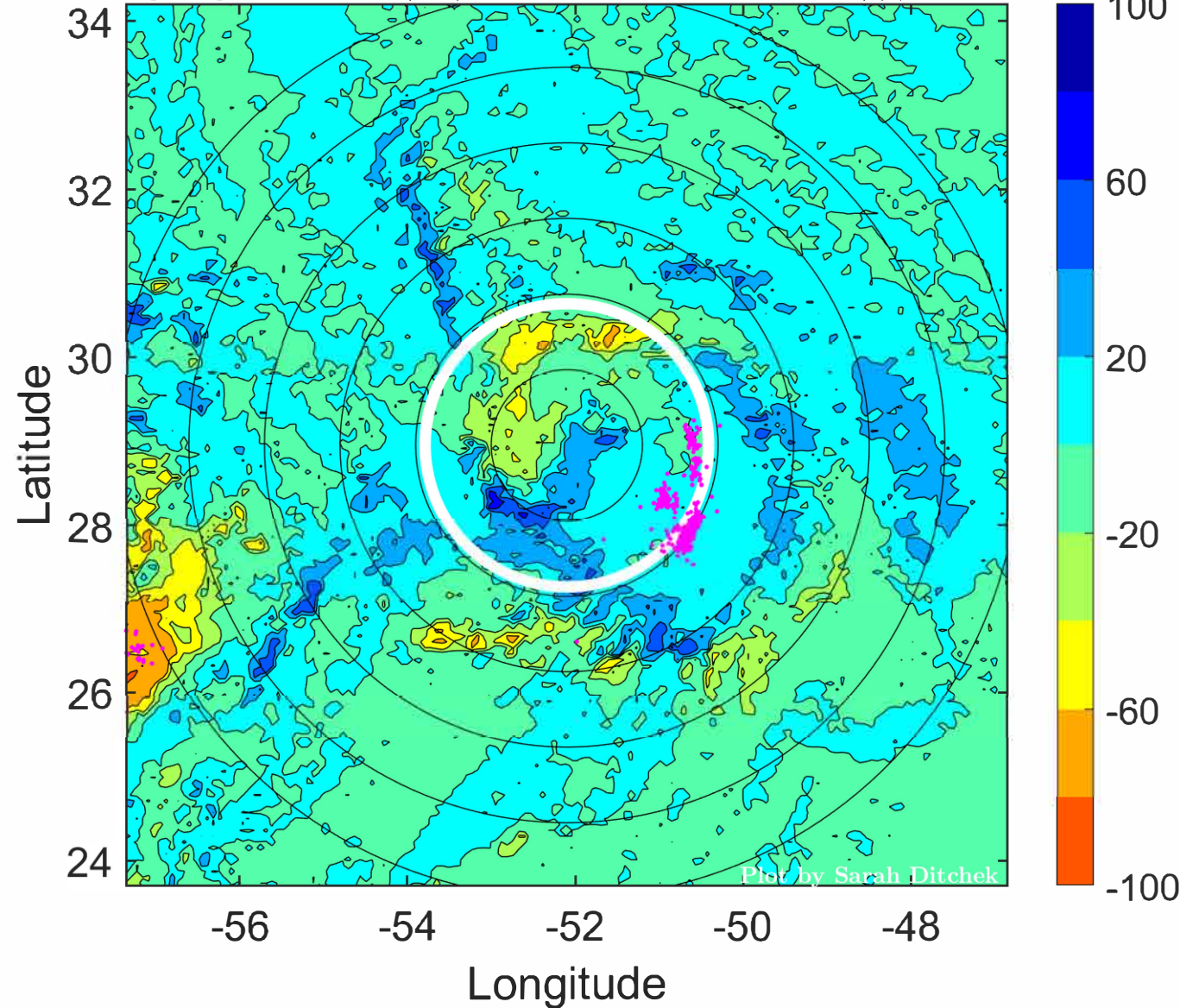
Δ t: 2023083109 (5.5 LT) - 2023083103 (23.5 LT)

Lightning: 5.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 42.5 kt TS

S: 1.8 m s⁻¹ (L) | H: 183.5°



IR BT & Lightning

t: 2023083112 (8.5 LT)

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

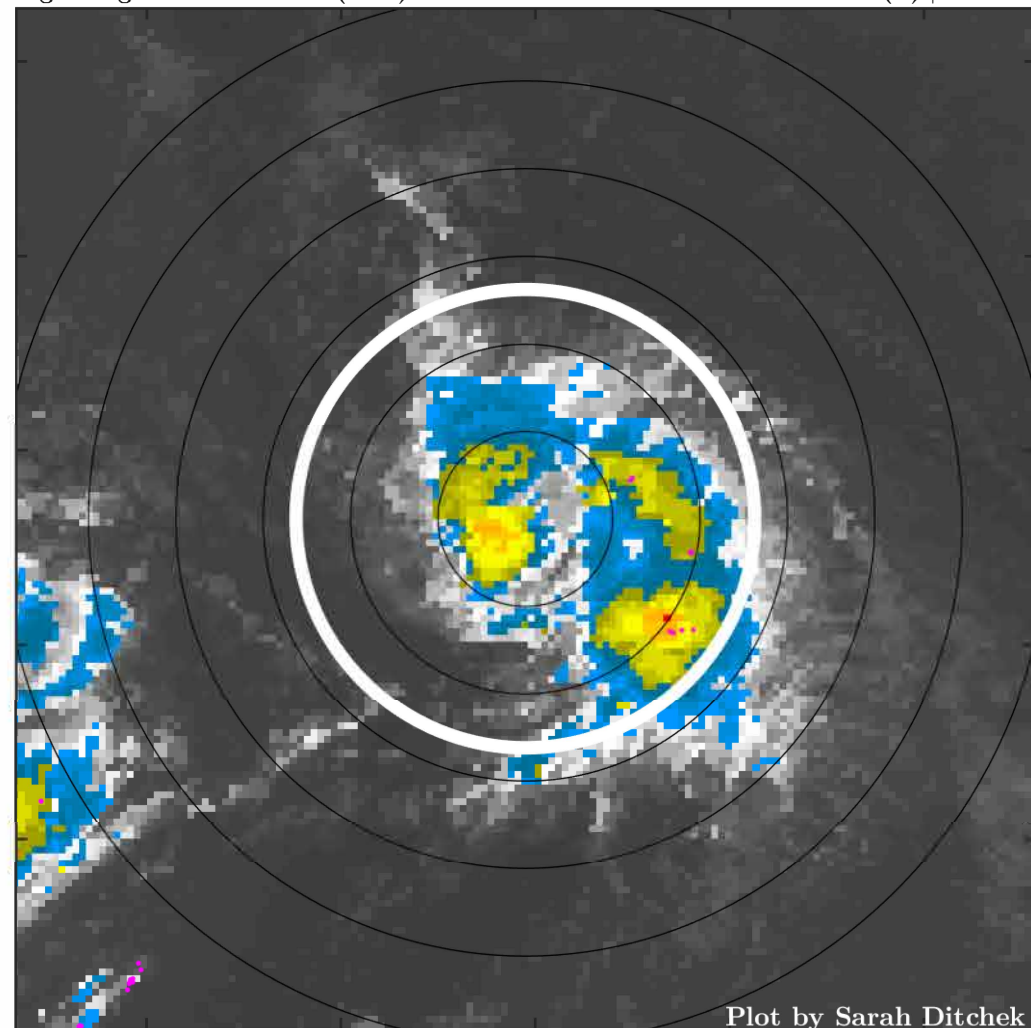
PT: SLCP | EA: QUASI

11L (JOSE) | 45 kt TS

S: 2.5 m s⁻¹ (L) | H: 172°

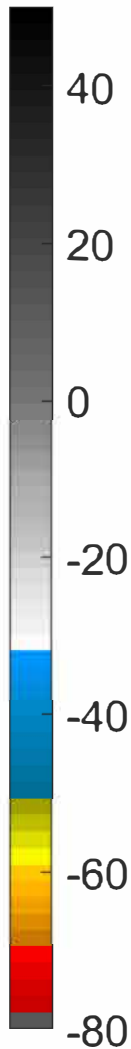
Latitude

34
32
30
28
26



-56 -54 -52 -50 -48

Longitude



6-h IR BT Differences & Lightning

Δ t: 2023083112 (8.5 LT) - 2023083106 (2.5 LT)

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

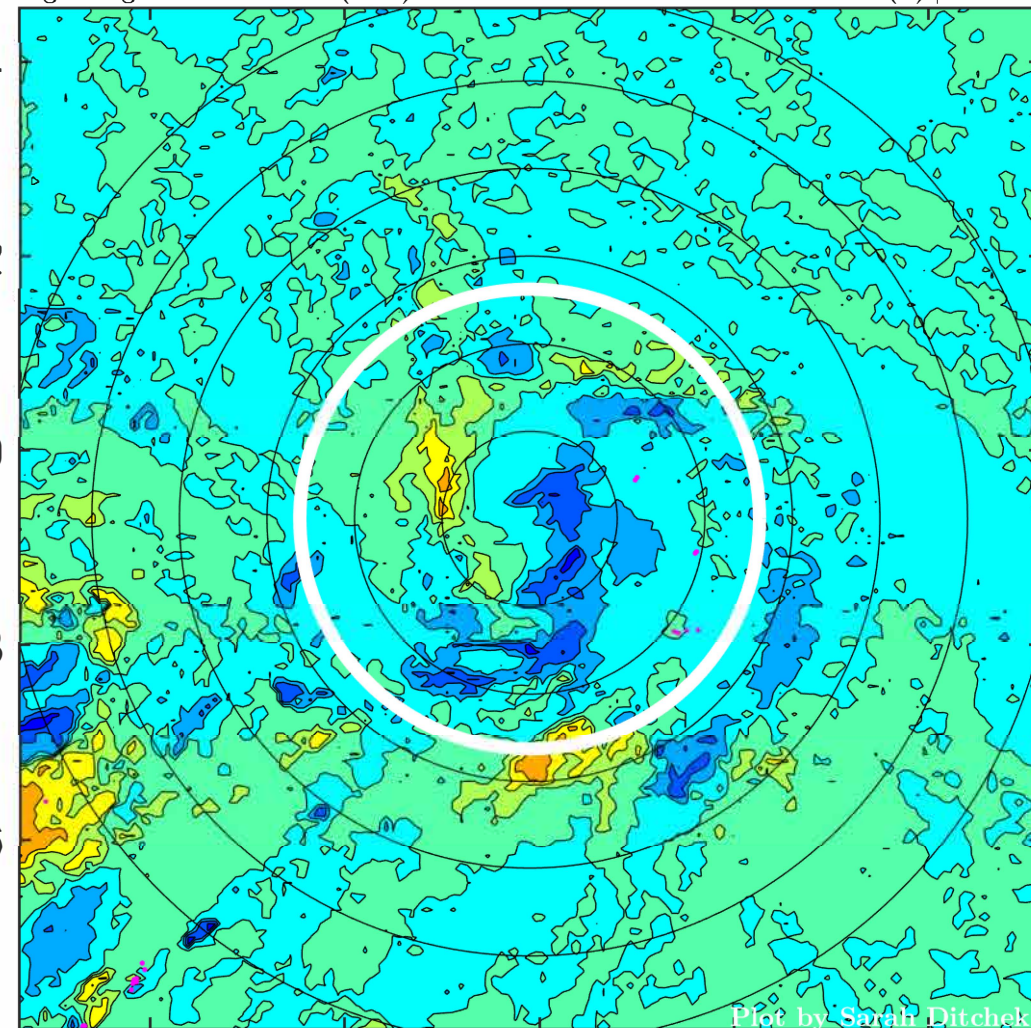
PT: SLCP | EA: QUASI

11L (JOSE) | 45 kt TS

S: 2.5 m s⁻¹ (L) | H: 172°

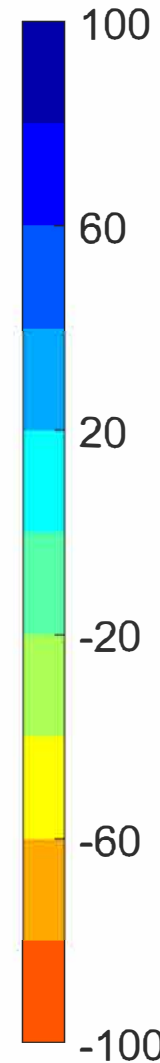
Latitude

34
32
30
28
26



-56 -54 -52 -50 -48

Longitude



IR BT & Lightning

t: 2023083115 (11.5 LT)

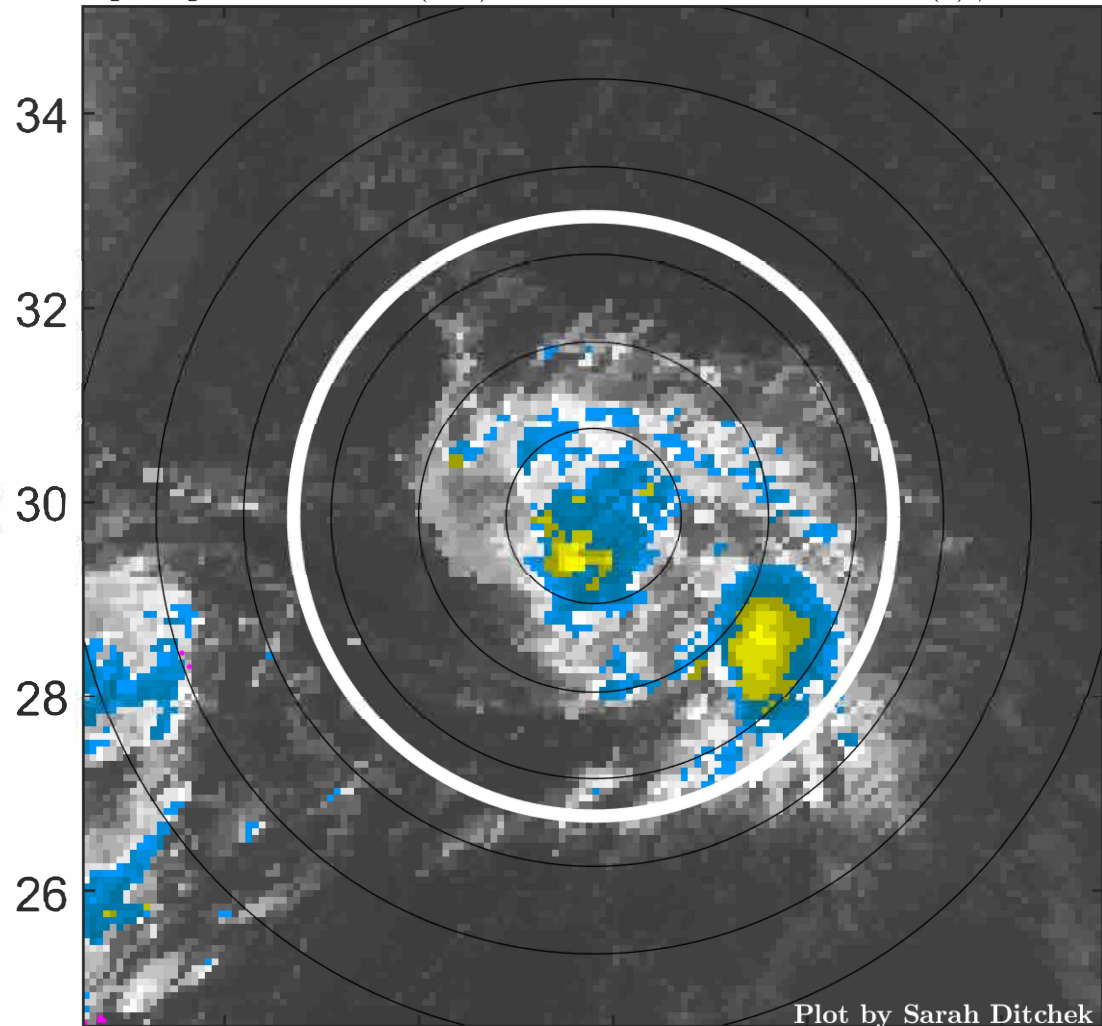
Lightning: 11.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 47.5 kt TS

S: 3.9 m s⁻¹ (L) | H: 176.5°

Latitude



-56

-54

-52

-50

-48

Longitude

40

20

0

-20

-40

-60

-80

6-h IR BT Differences & Lightning

Δ t: 2023083115 (11.5 LT) - 2023083109 (5.5 LT)

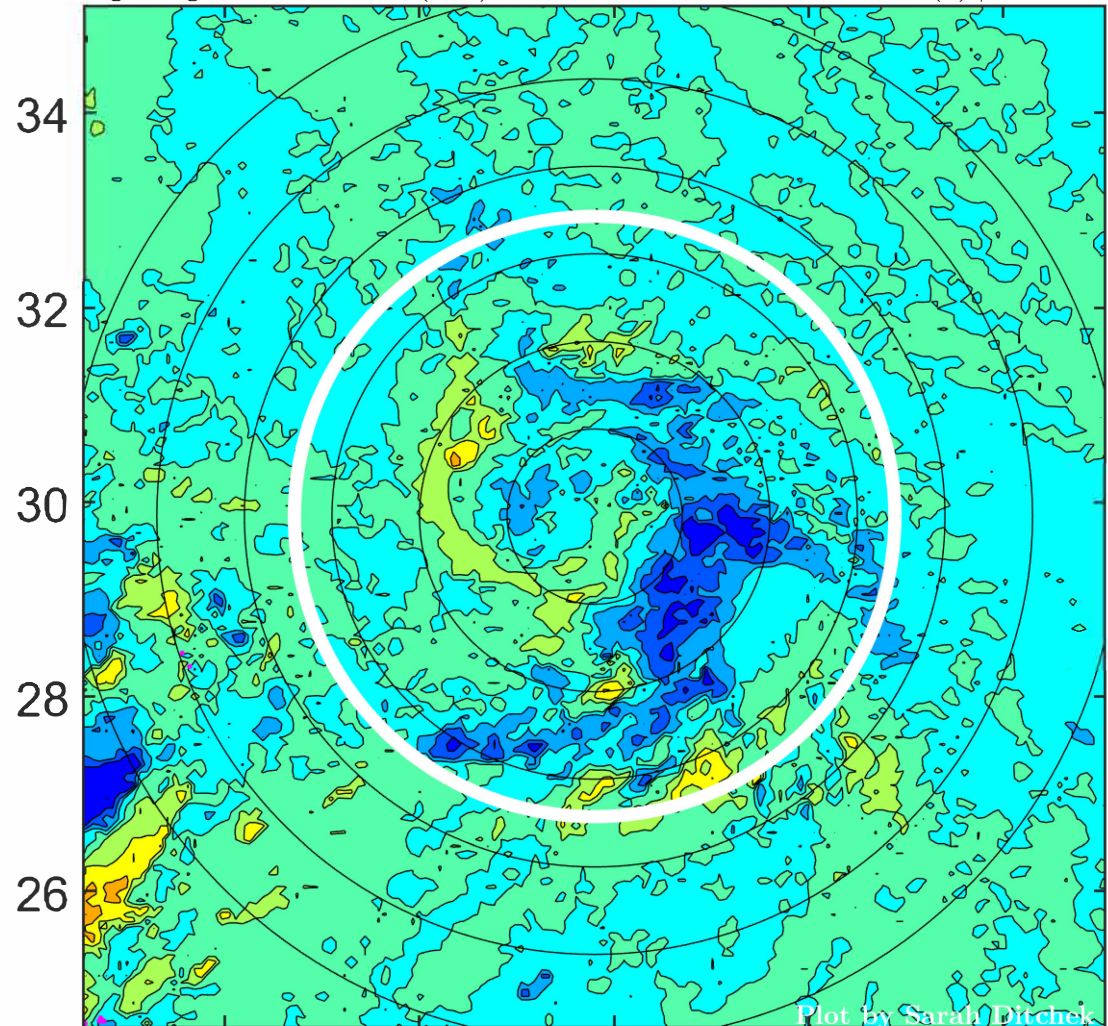
Lightning: 11.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 47.5 kt TS

S: 3.9 m s⁻¹ (L) | H: 176.5°

Latitude



-56

-54

-52

-50

-48

Longitude

100

60

20

-20

-60

-100

IR BT & Lightning

t: 2023083118 (14.5 LT)

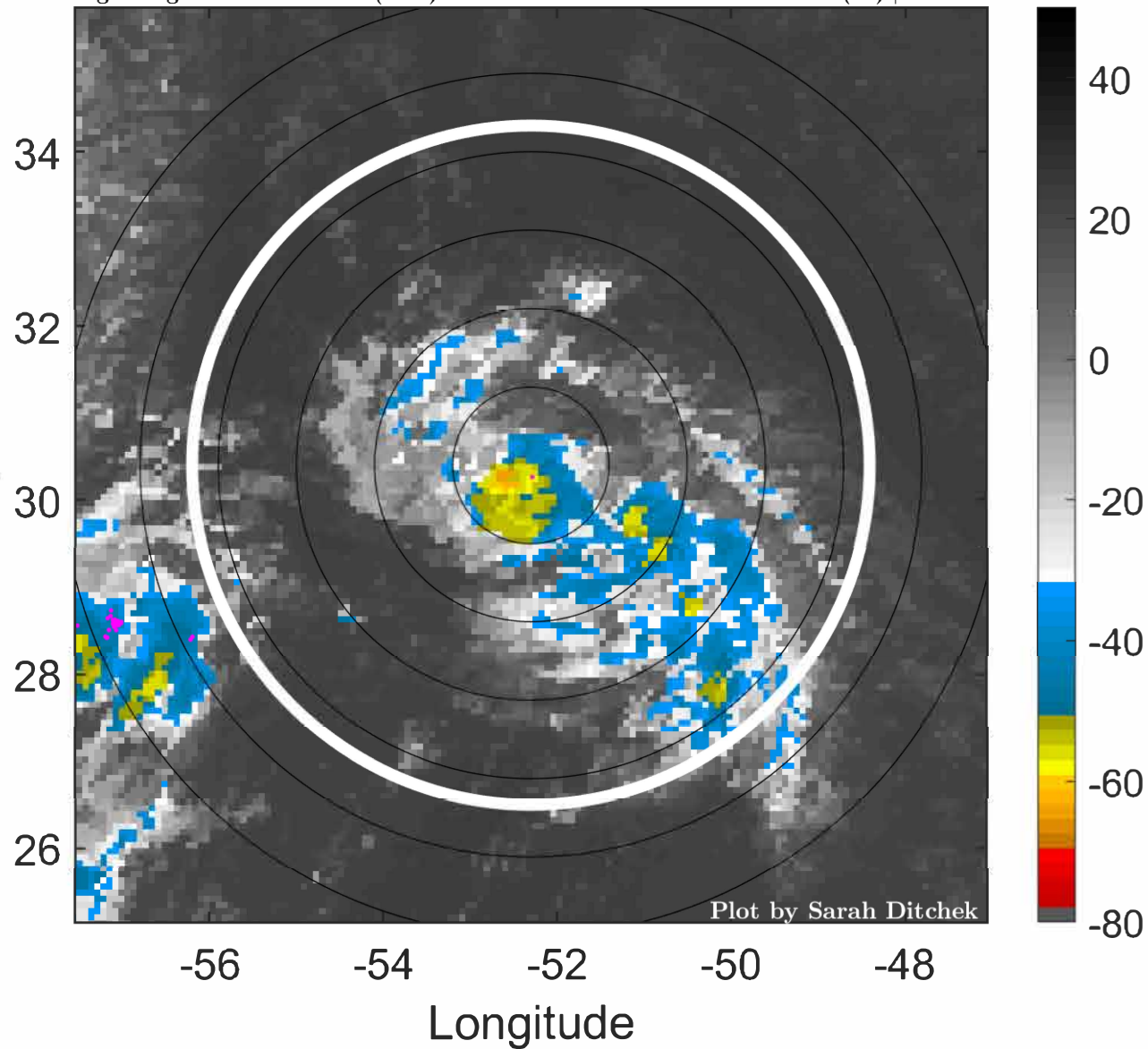
Lightning: 14.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 50 kt TS

S: 5.4 m s⁻¹ (M) | H: 181°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023083118 (14.5 LT) - 2023083112 (8.5 LT)

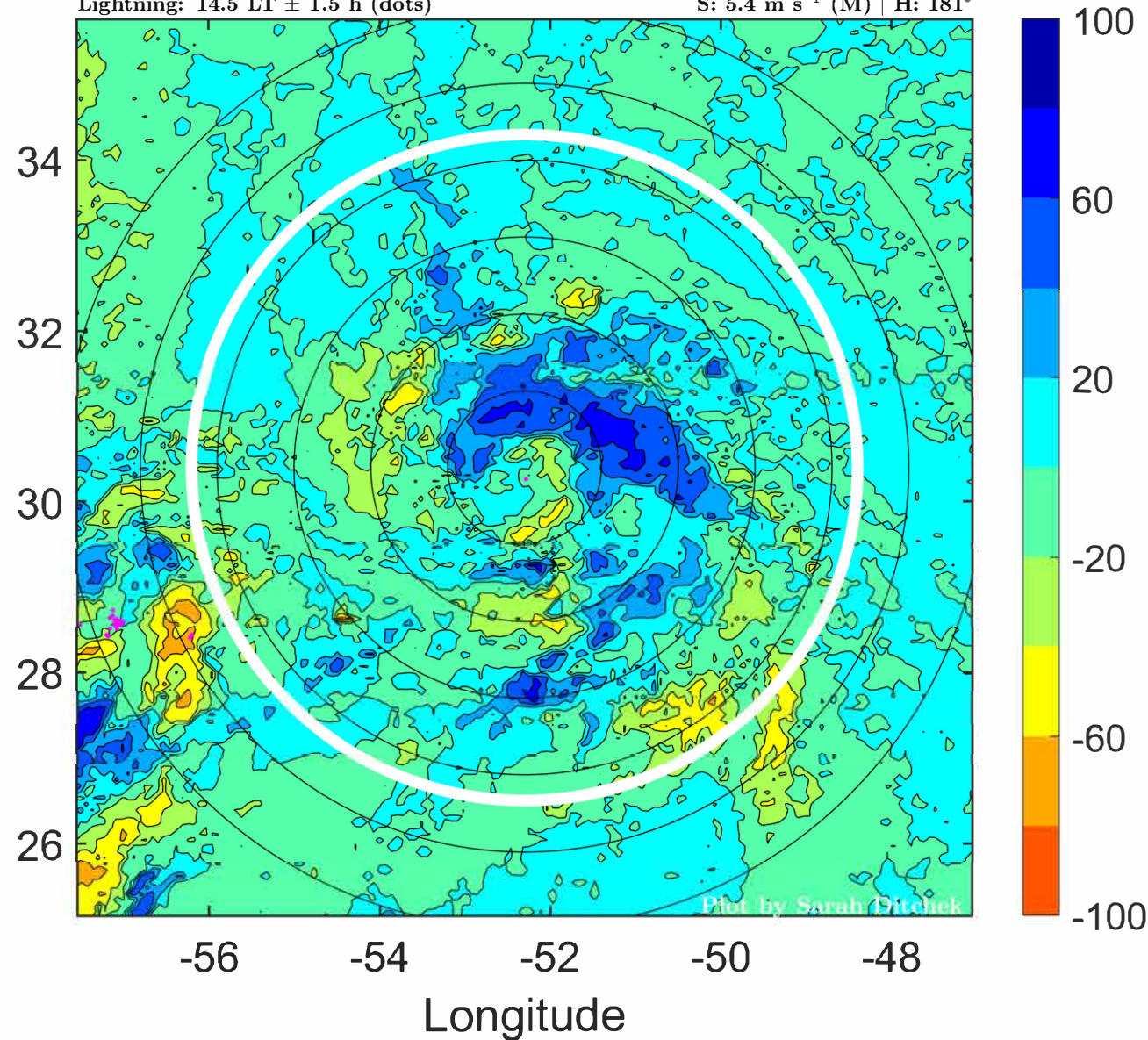
Lightning: 14.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 50 kt TS

S: 5.4 m s⁻¹ (M) | H: 181°

Latitude



IR BT & Lightning

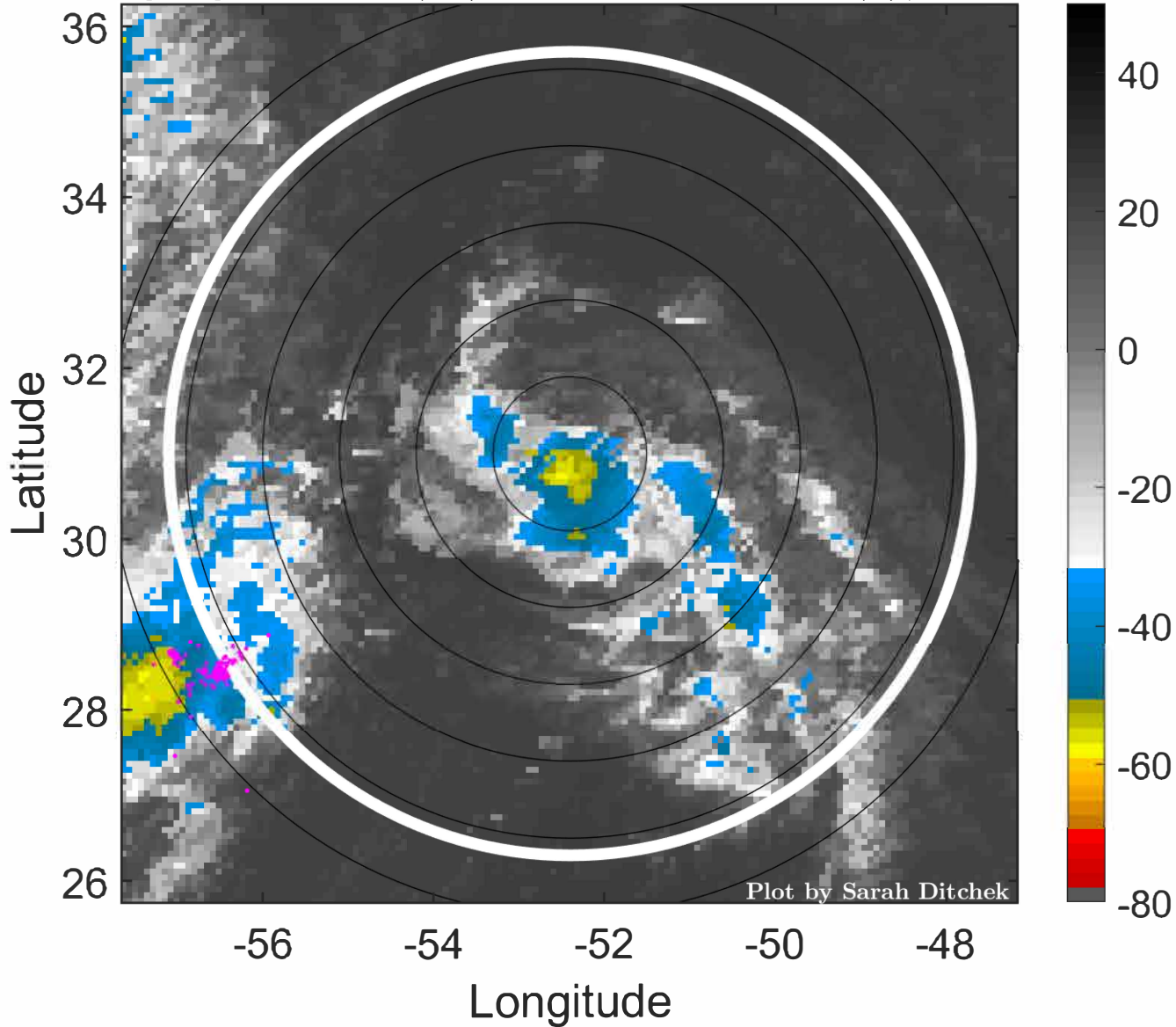
t: 2023083121 (17.5 LT)

Lightning: 17.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 52.5 kt TS

S: 5.9 m s⁻¹ (M) | H: 186.5°



6-h IR BT Differences & Lightning

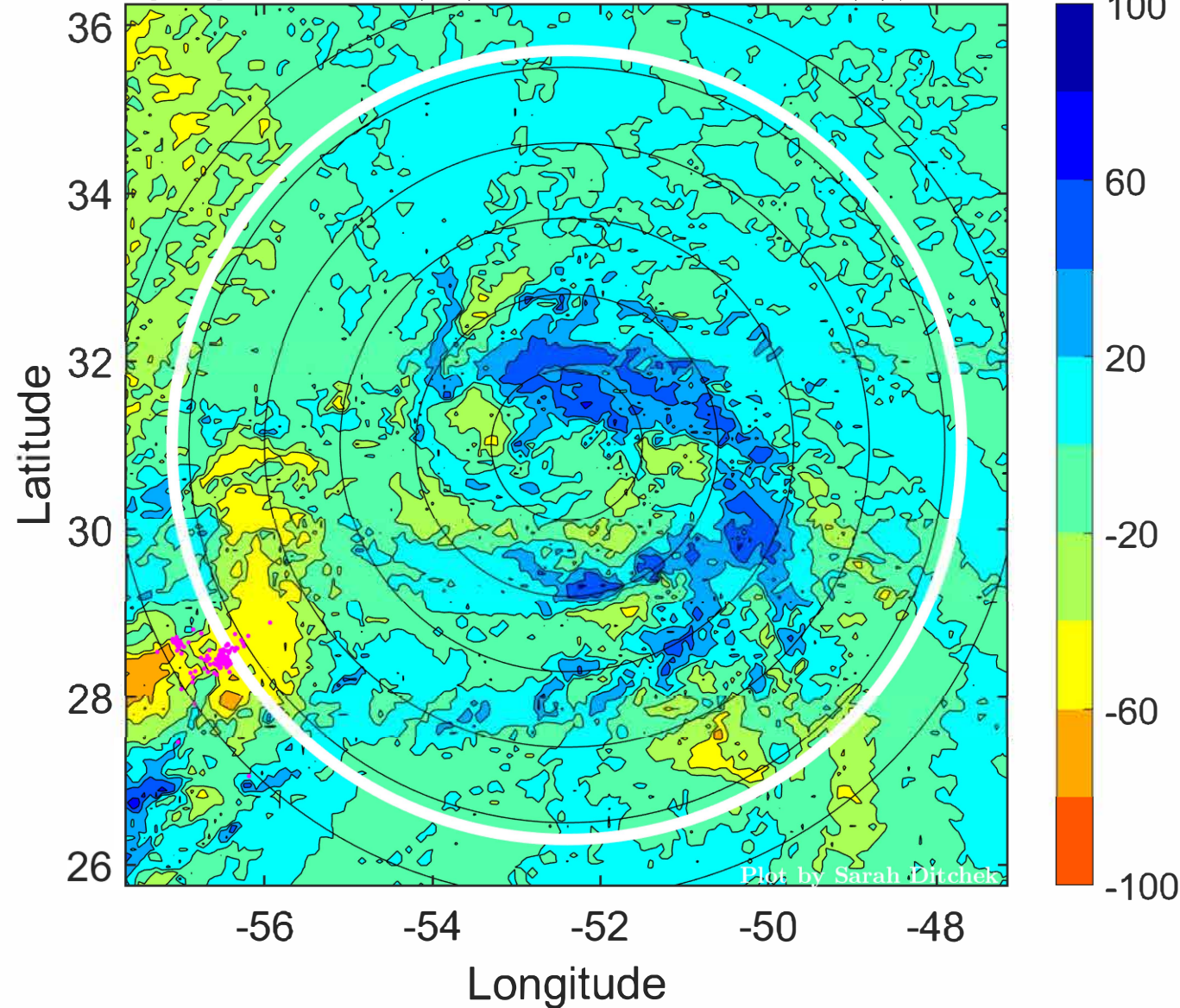
Δ t: 2023083121 (17.5 LT) - 2023083115 (11.5 LT)

Lightning: 17.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 52.5 kt TS

S: 5.9 m s⁻¹ (M) | H: 186.5°



IR BT & Lightning

t: 2023090100 (20.5 LT)

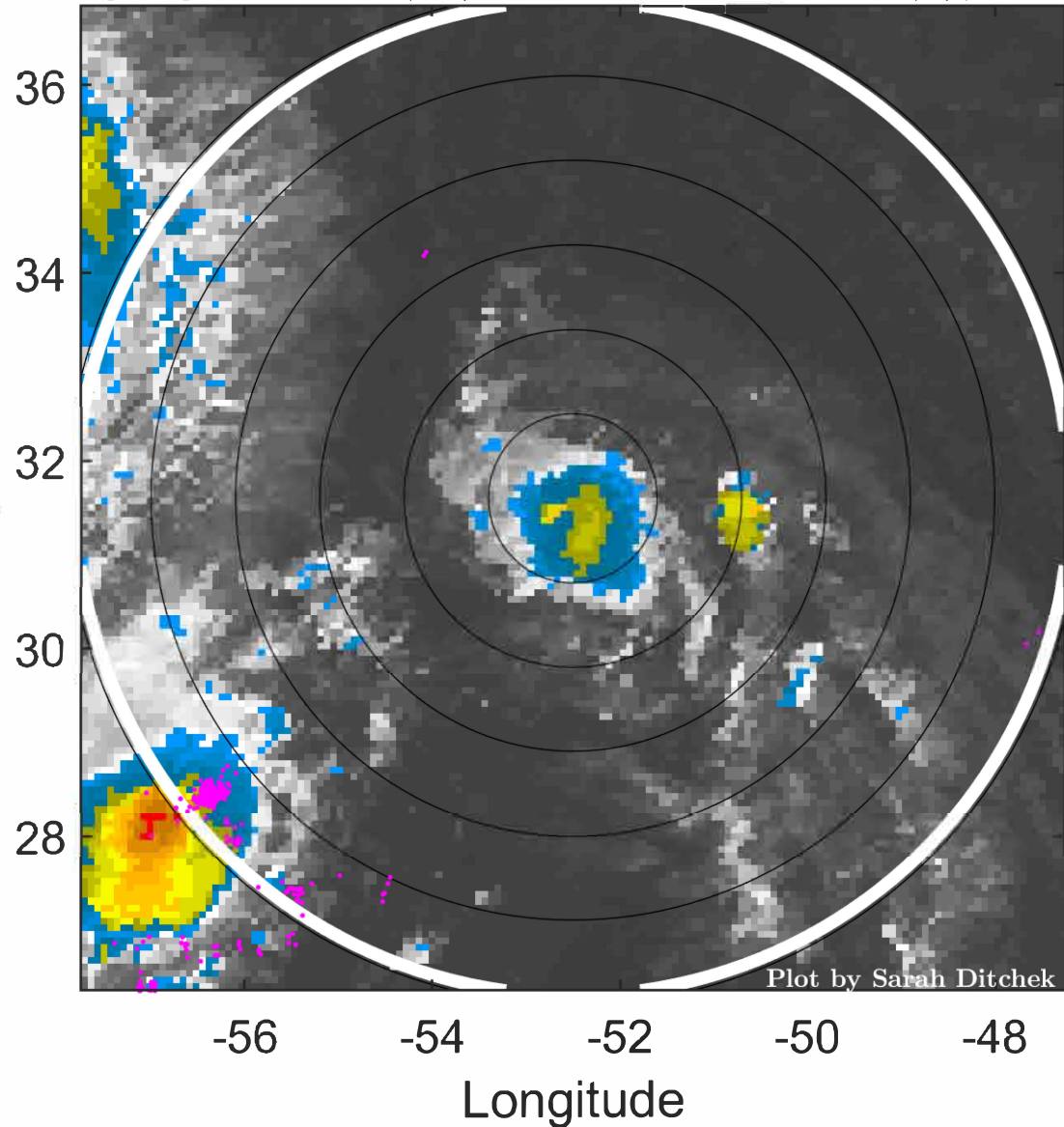
Lightning: 20.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 55 kt TS

S: 6.4 m s⁻¹ (M) | H: 192°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023090100 (20.5 LT) - 2023083118 (14.5 LT)

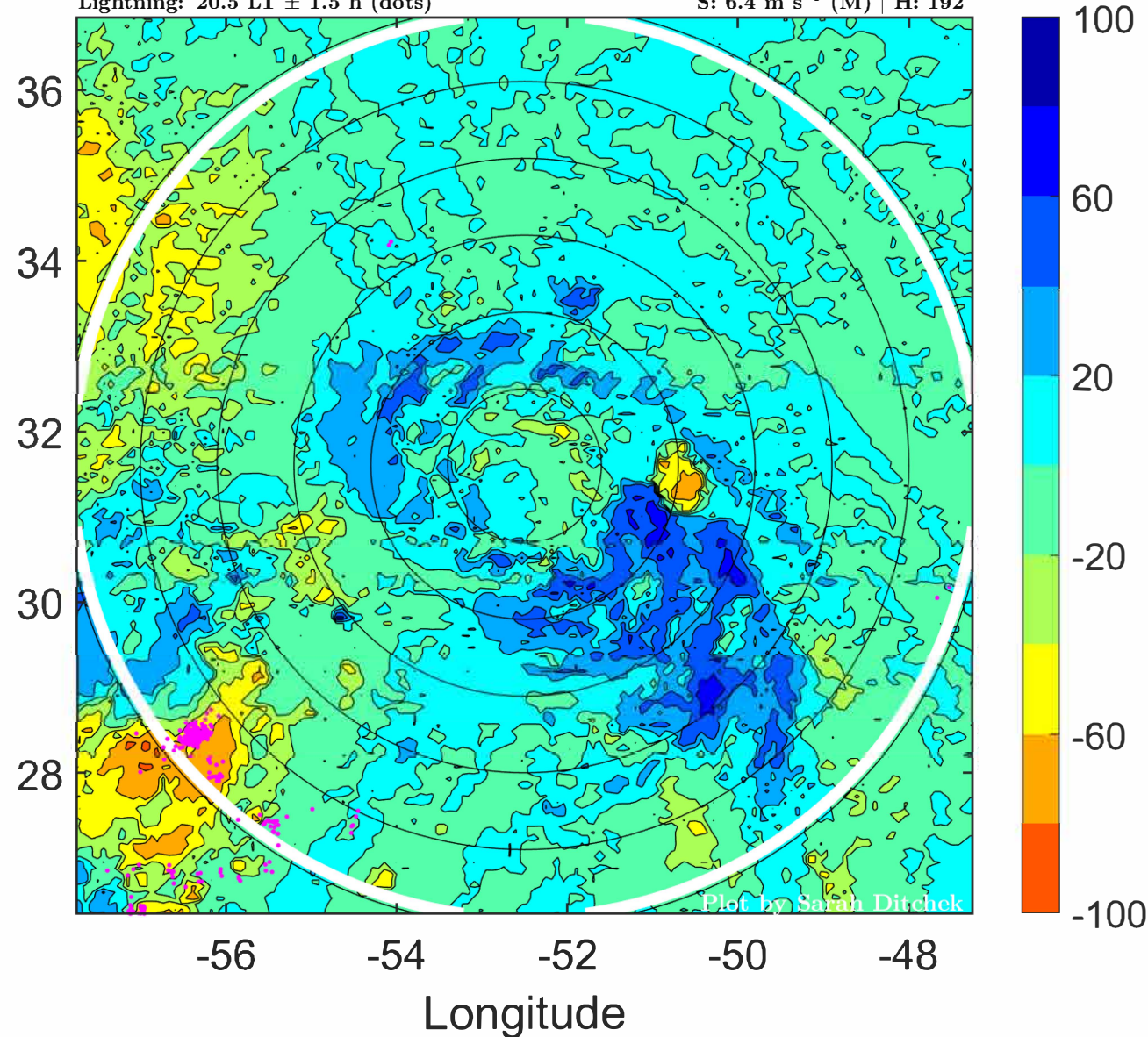
Lightning: 20.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 55 kt TS

S: 6.4 m s⁻¹ (M) | H: 192°

Latitude



IR BT & Lightning

t: 2023090103 (23.5 LT)

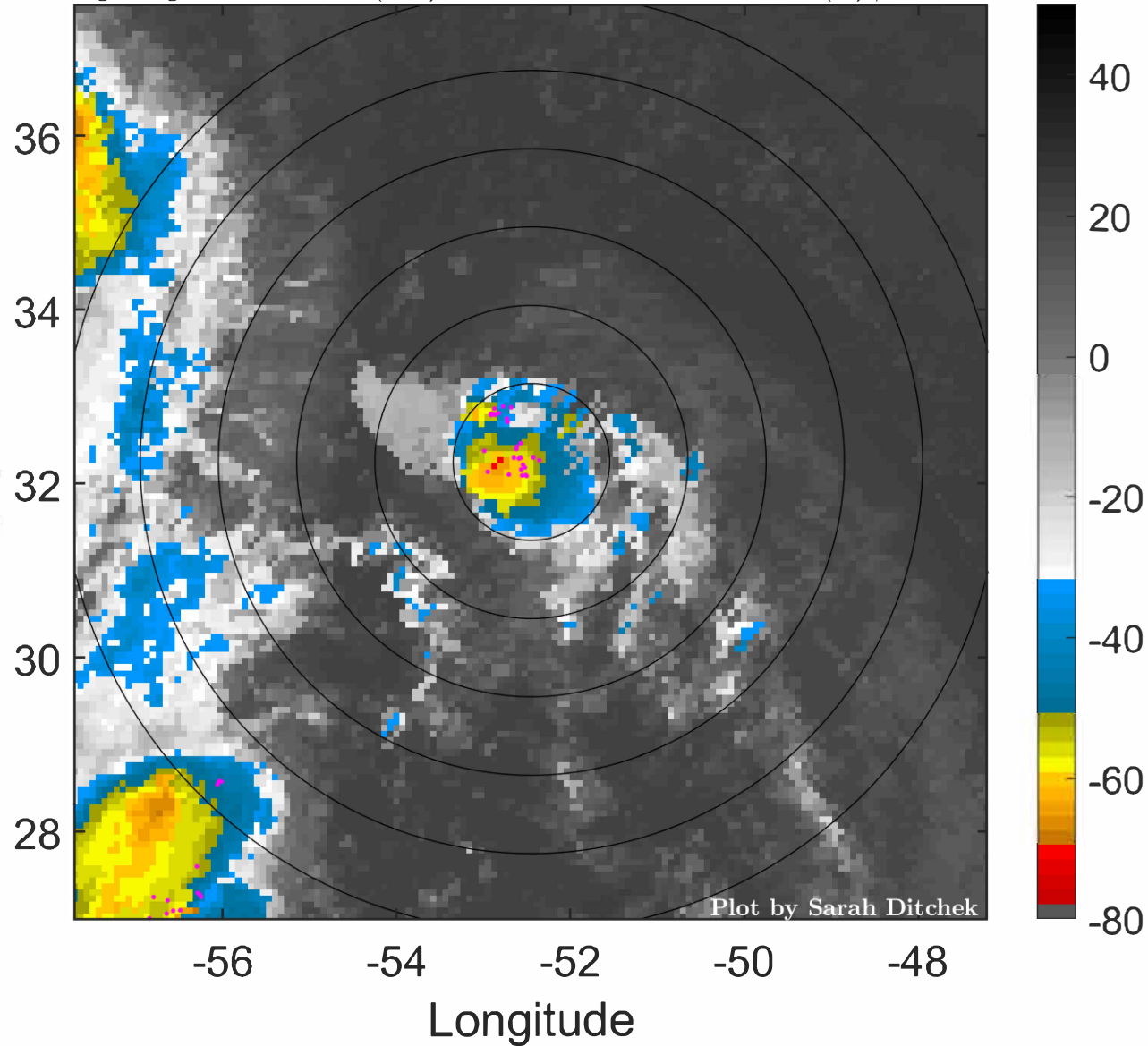
Lightning: 23.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 55 kt TS

S: 6.6 m s⁻¹ (M) | H: 194.5°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023090103 (23.5 LT) - 2023083121 (17.5 LT)

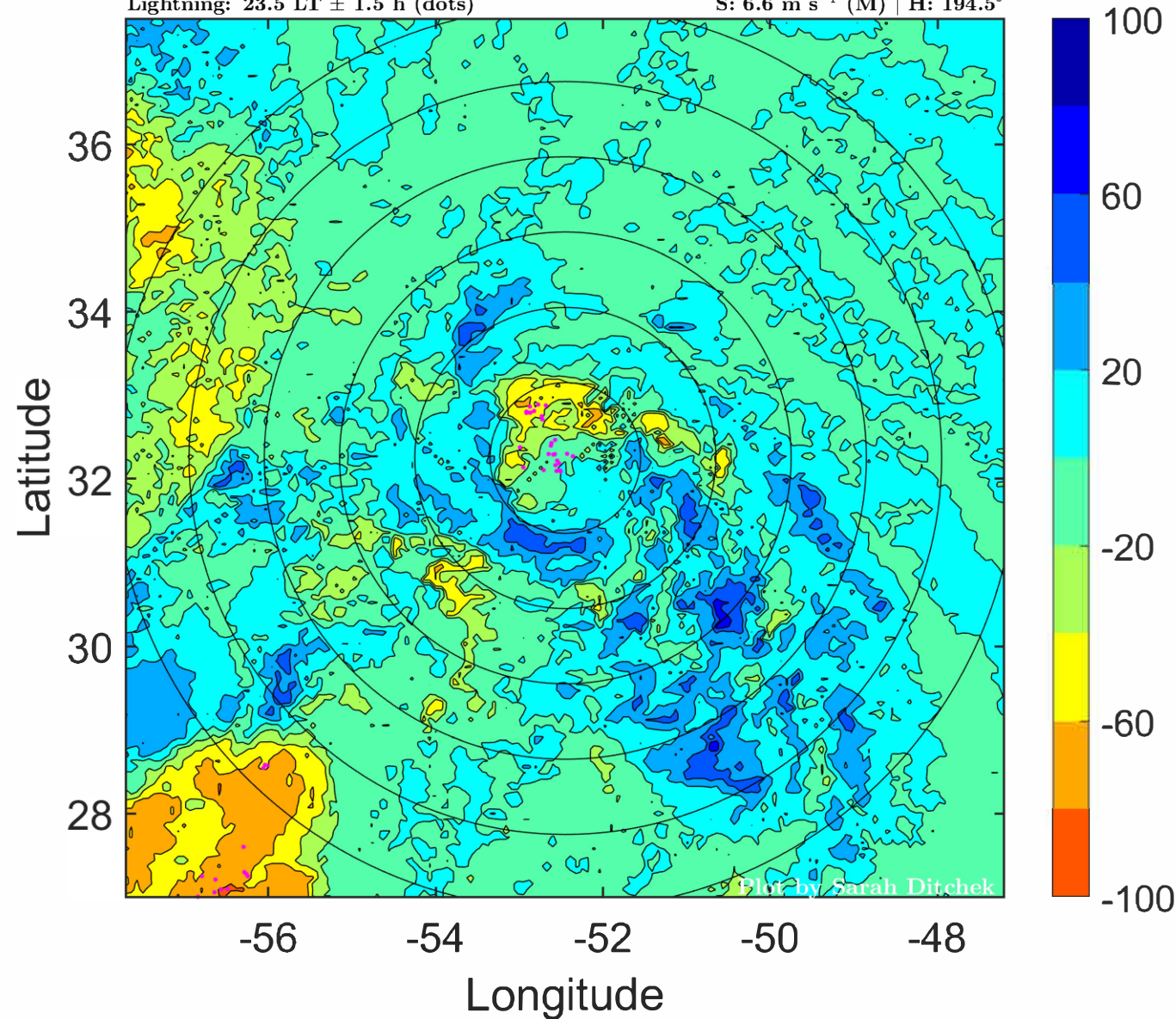
Lightning: 23.5 LT $\pm$ 1.5 h (dots)

PT: SLCP | EA: QUASI

11L (JOSE) | 55 kt TS

S: 6.6 m s⁻¹ (M) | H: 194.5°

Latitude



IR BT & Lightning

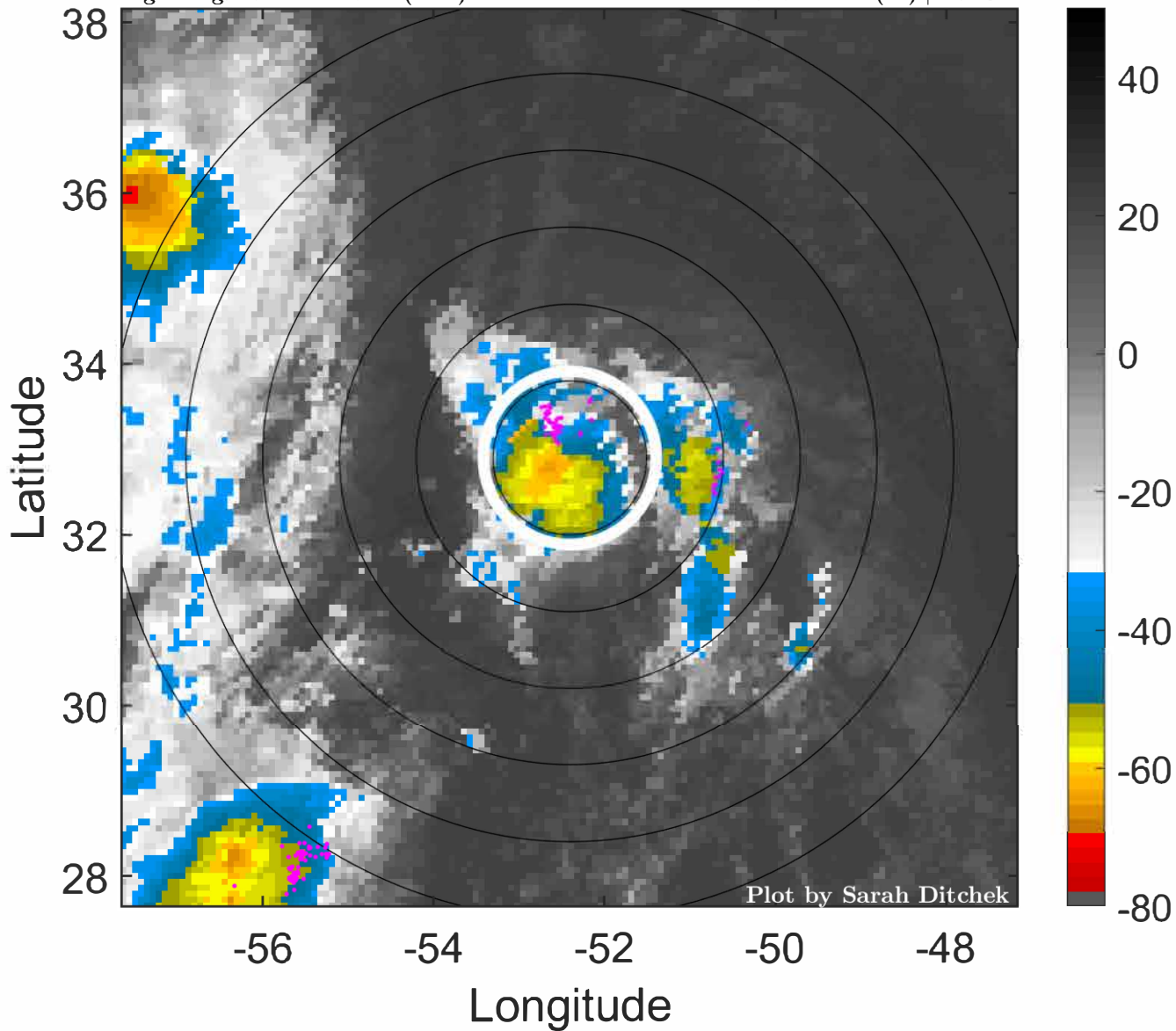
t: 2023090106 (2.5 LT)

Lightning: 2.5 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 55 kt TS

S: 6.8 m s⁻¹ (M) | H: 197°



6-h IR BT Differences & Lightning

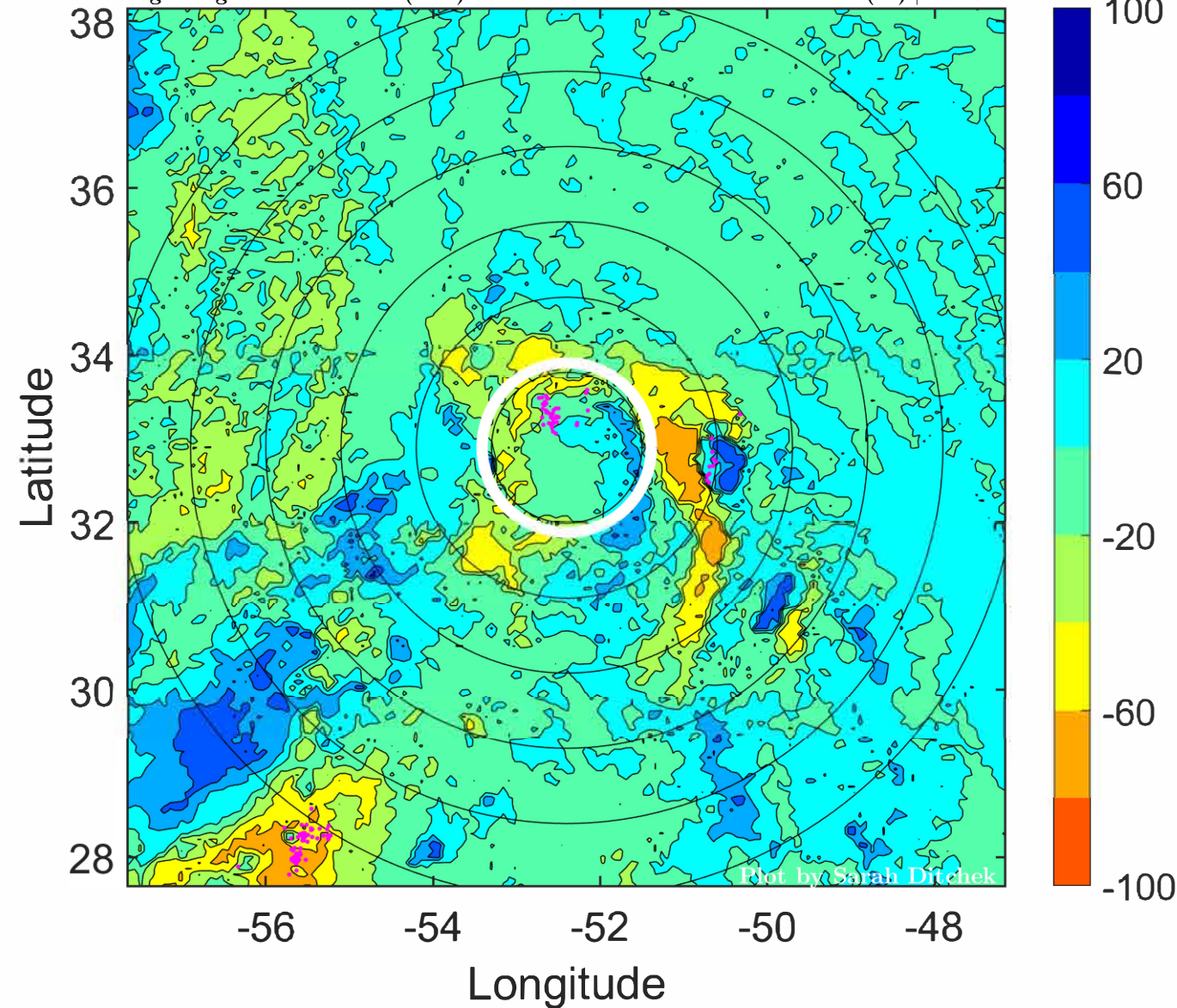
Δ t: 2023090106 (2.5 LT) - 2023090100 (20.5 LT)

Lightning: 2.5 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 55 kt TS

S: 6.8 m s⁻¹ (M) | H: 197°



IR BT & Lightning

t: 2023090109 (5.5 LT)

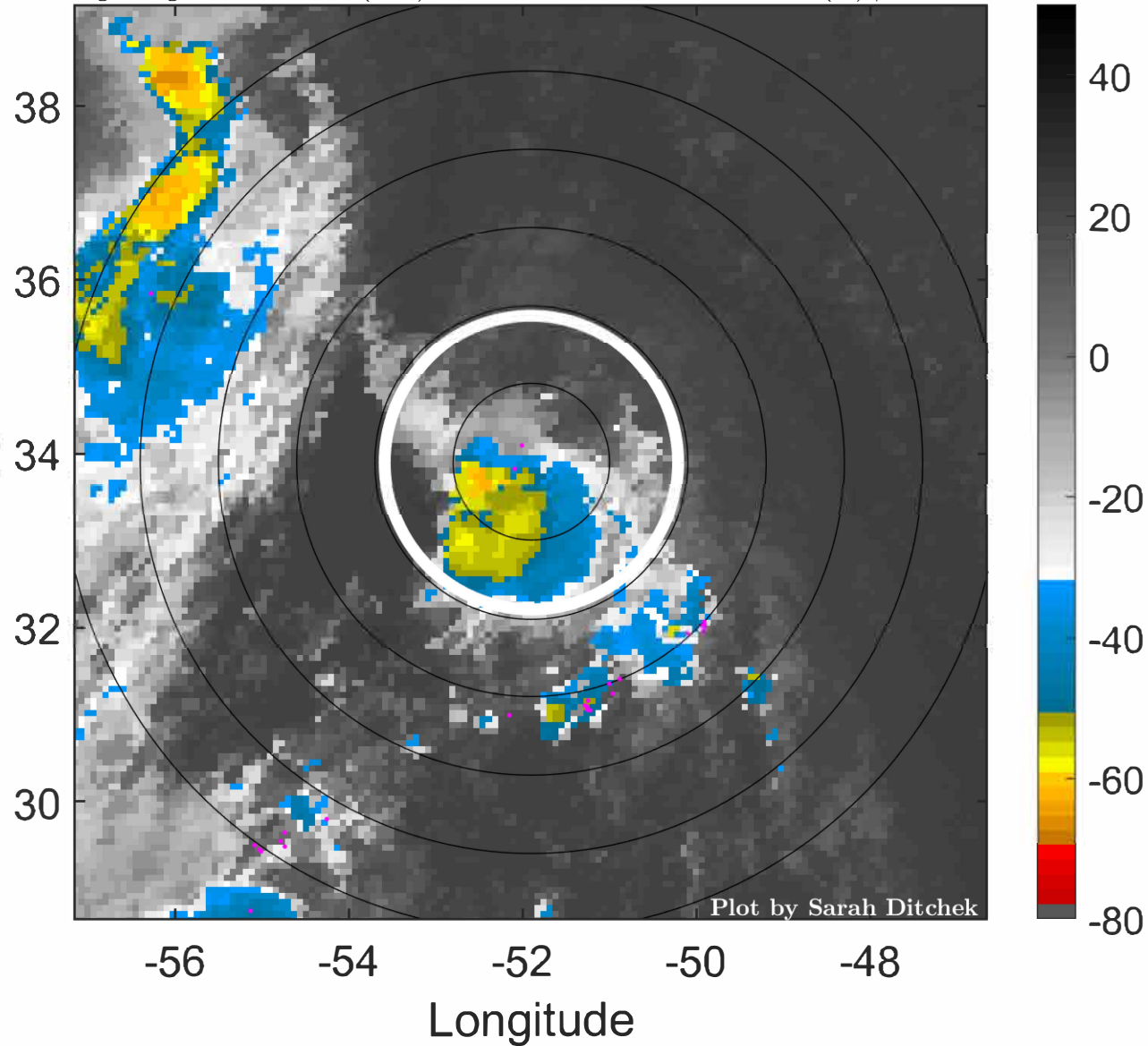
Lightning: 5.5 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 52.5 kt TS

S: 7.3 m s⁻¹ (M) | H: 191.5°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023090109 (5.5 LT) - 2023090103 (23.5 LT)

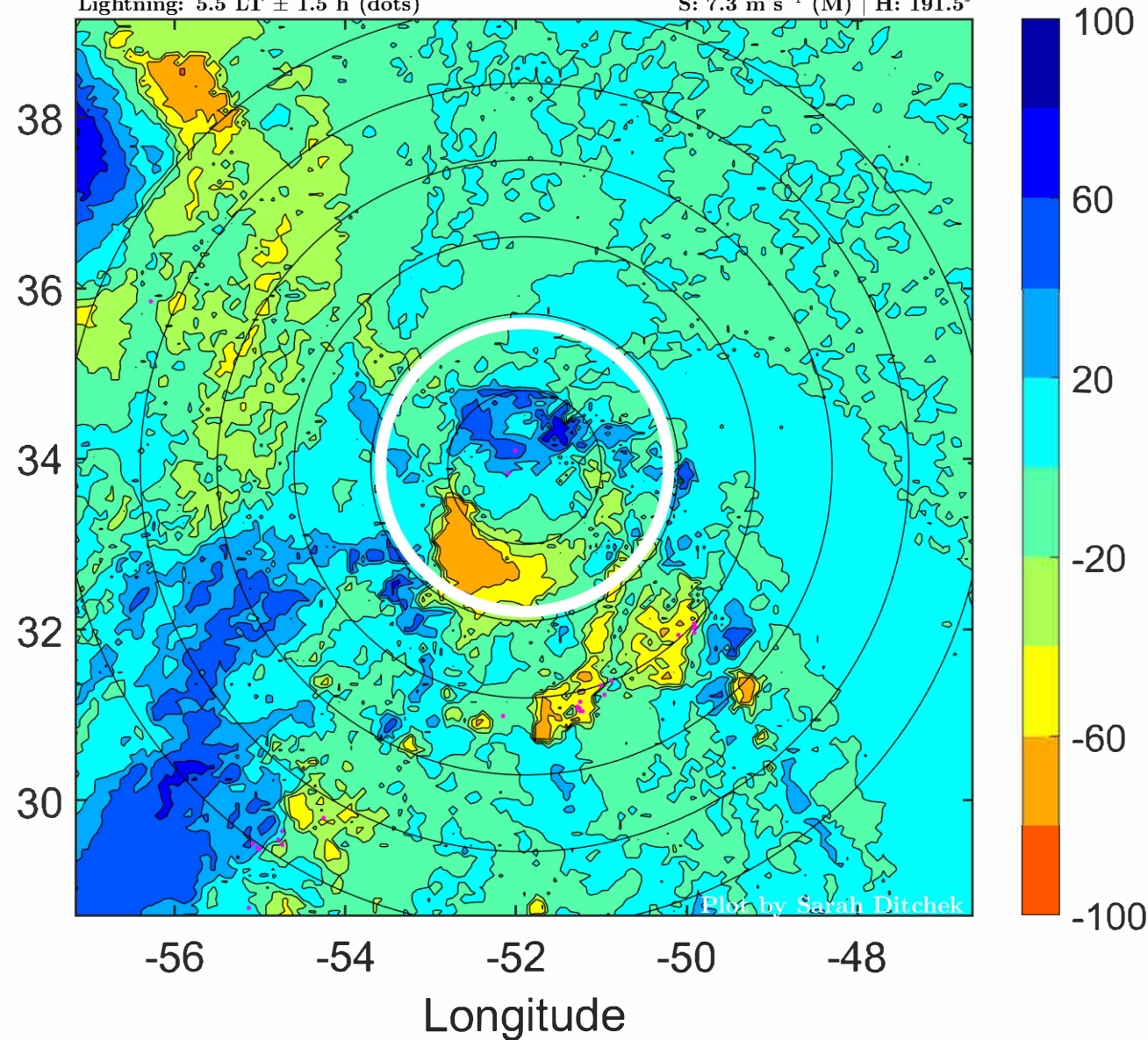
Lightning: 5.5 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 52.5 kt TS

S: 7.3 m s⁻¹ (M) | H: 191.5°

Latitude



IR BT & Lightning

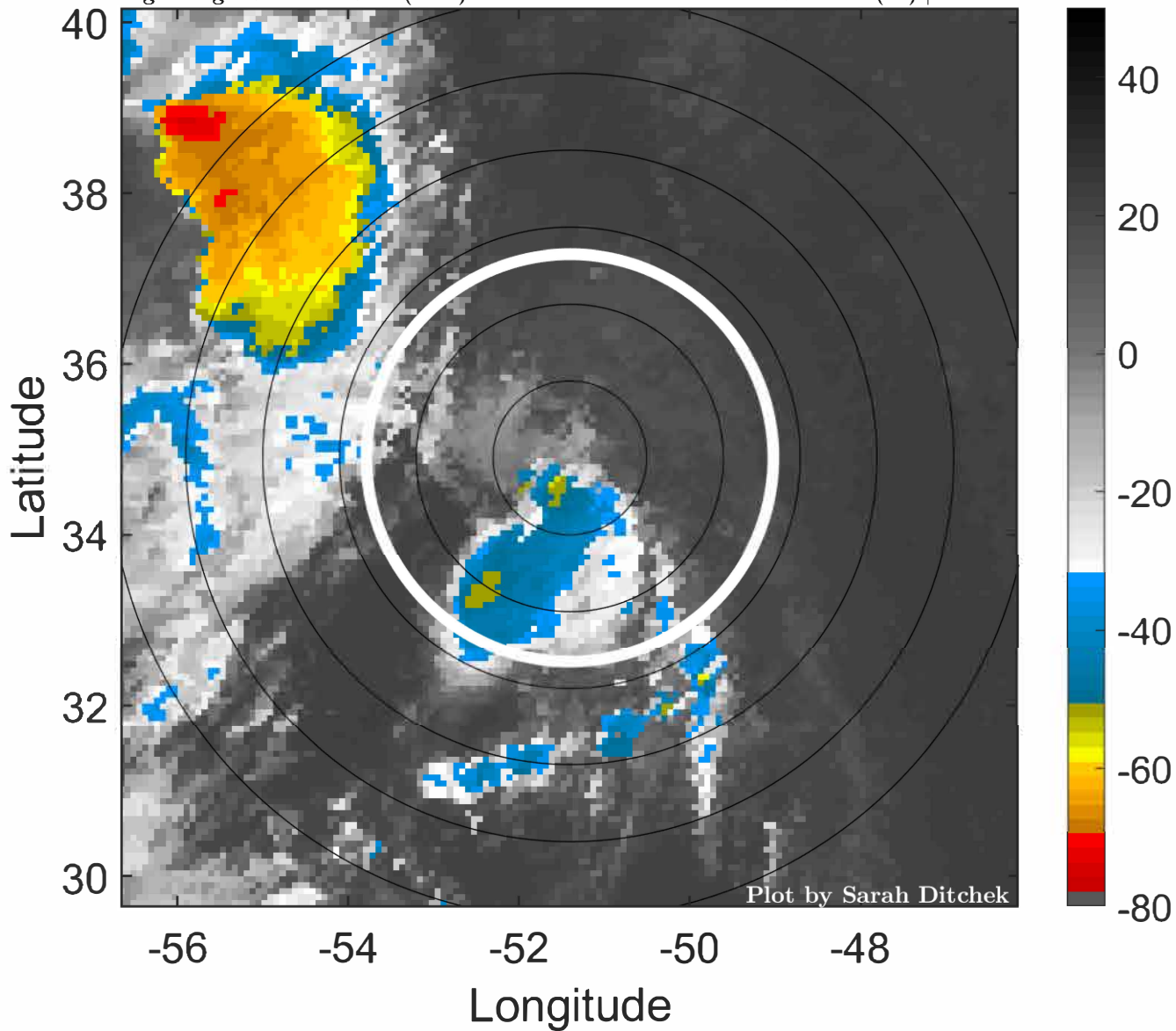
t: 2023090112 (8.6 LT)

Lightning: 8.6 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 50 kt TS

S: 7.8 m s⁻¹ (M) | H: 186°



6-h IR BT Differences & Lightning

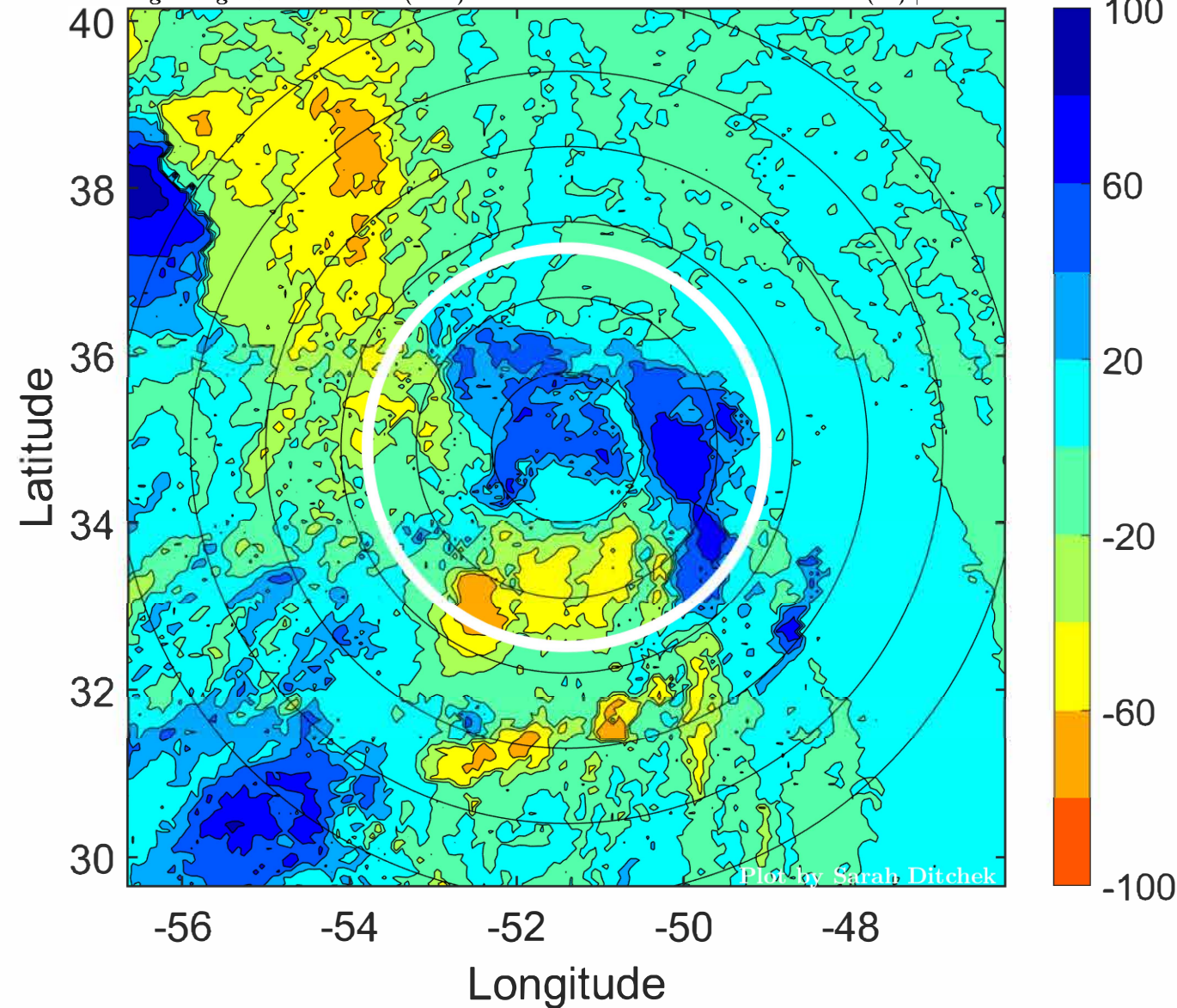
Δ t: 2023090112 (8.6 LT) - 2023090106 (2.5 LT)

Lightning: 8.6 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 50 kt TS

S: 7.8 m s⁻¹ (M) | H: 186°



IR BT & Lightning

t: 2023090115 (11.6 LT)

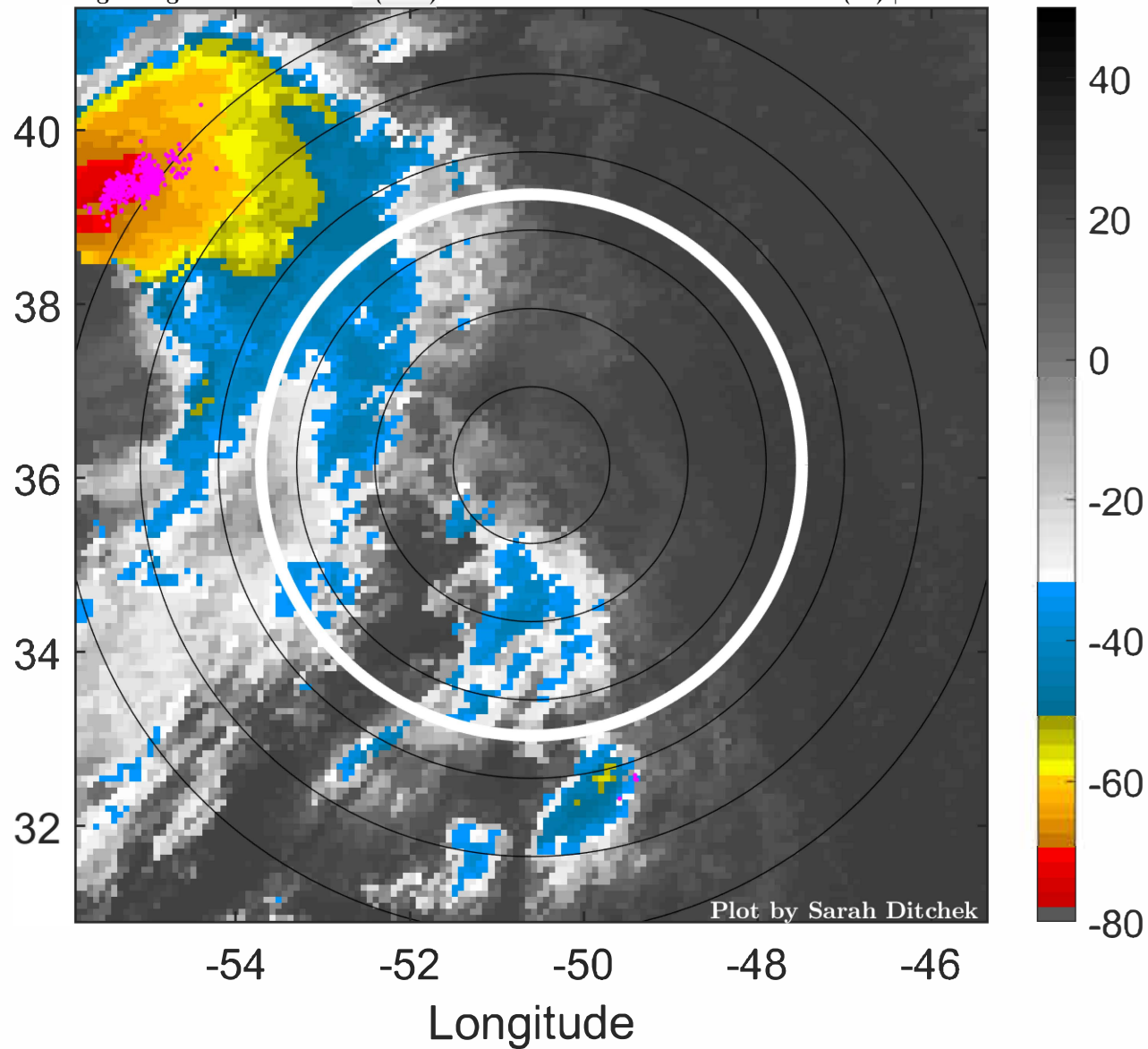
Lightning: 11.6 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 50 kt TS

S: 6.2 m s⁻¹ (M) | H: 171°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023090115 (11.6 LT) - 2023090109 (5.5 LT)

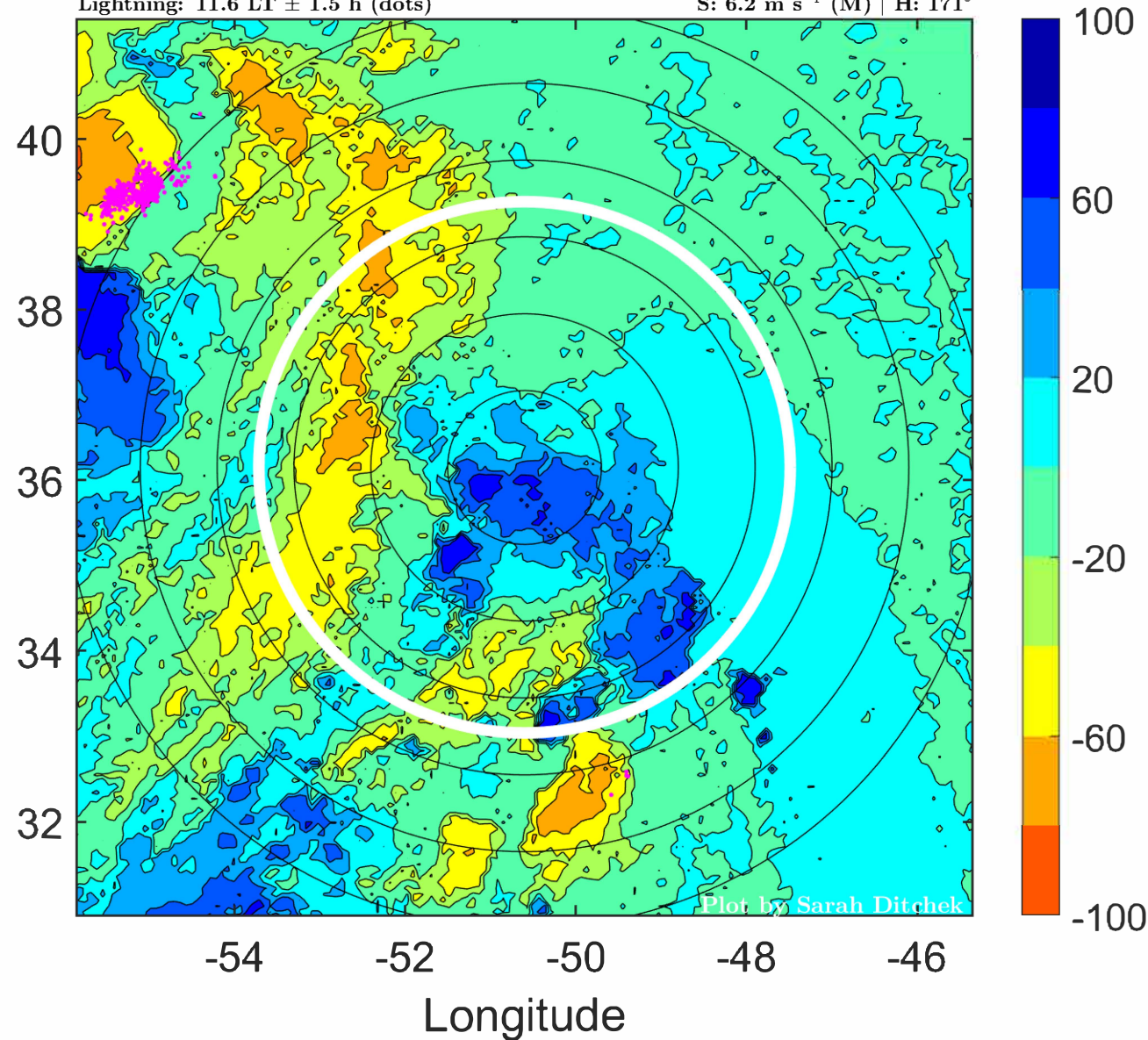
Lightning: 11.6 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 50 kt TS

S: 6.2 m s⁻¹ (M) | H: 171°

Latitude



IR BT & Lightning

t: 2023090118 (14.7 LT)

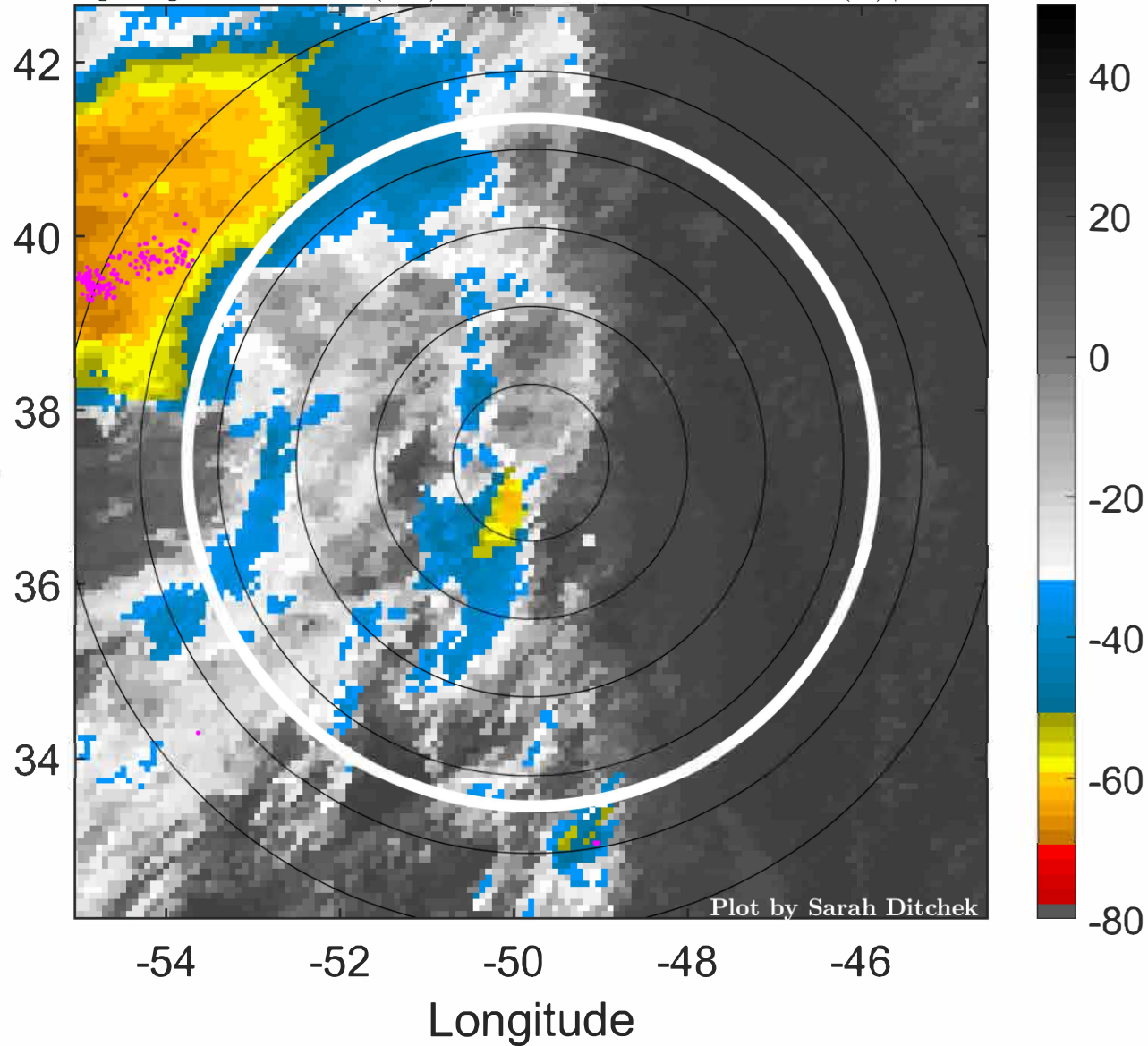
Lightning: 14.7 LT $\pm$ 1.5 h (dots)

PT: LLCP | EA: INACT

11L (JOSE) | 50 kt TS

S: 4.6 m s⁻¹ (M) | H: 156°

Latitude



6-h IR BT Differences & Lightning

Δ t: 2023090118 (14.7 LT) - 2023090112 (8.6 LT)

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

PT: LLCP | EA: INACT

11L (JOSE) | 50 kt TS

S: 4.6 m s⁻¹ (M) | H: 156°

Latitude

