

IR BT & Lightning

t: 2017041612 (8.7 LT)

Lightning: 8.7 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 55 kt EX

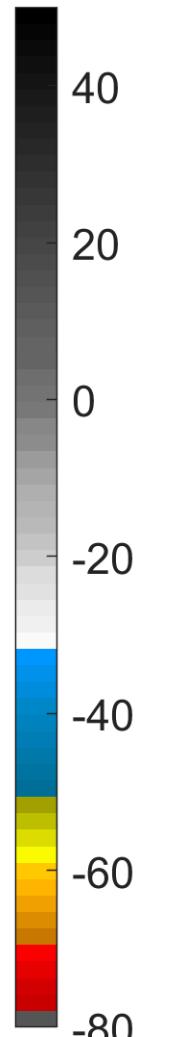
S: null | H: null

Latitude

40
38
36
34
32
30

-54 -52 -50 -48 -46

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041612 (8.7 LT) - 2017041606 (2.6 LT)

Lightning: 8.7 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 55 kt EX

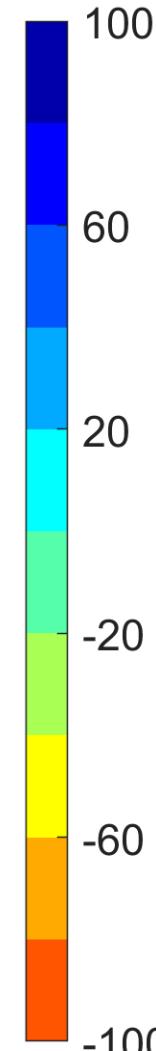
S: null | H: null

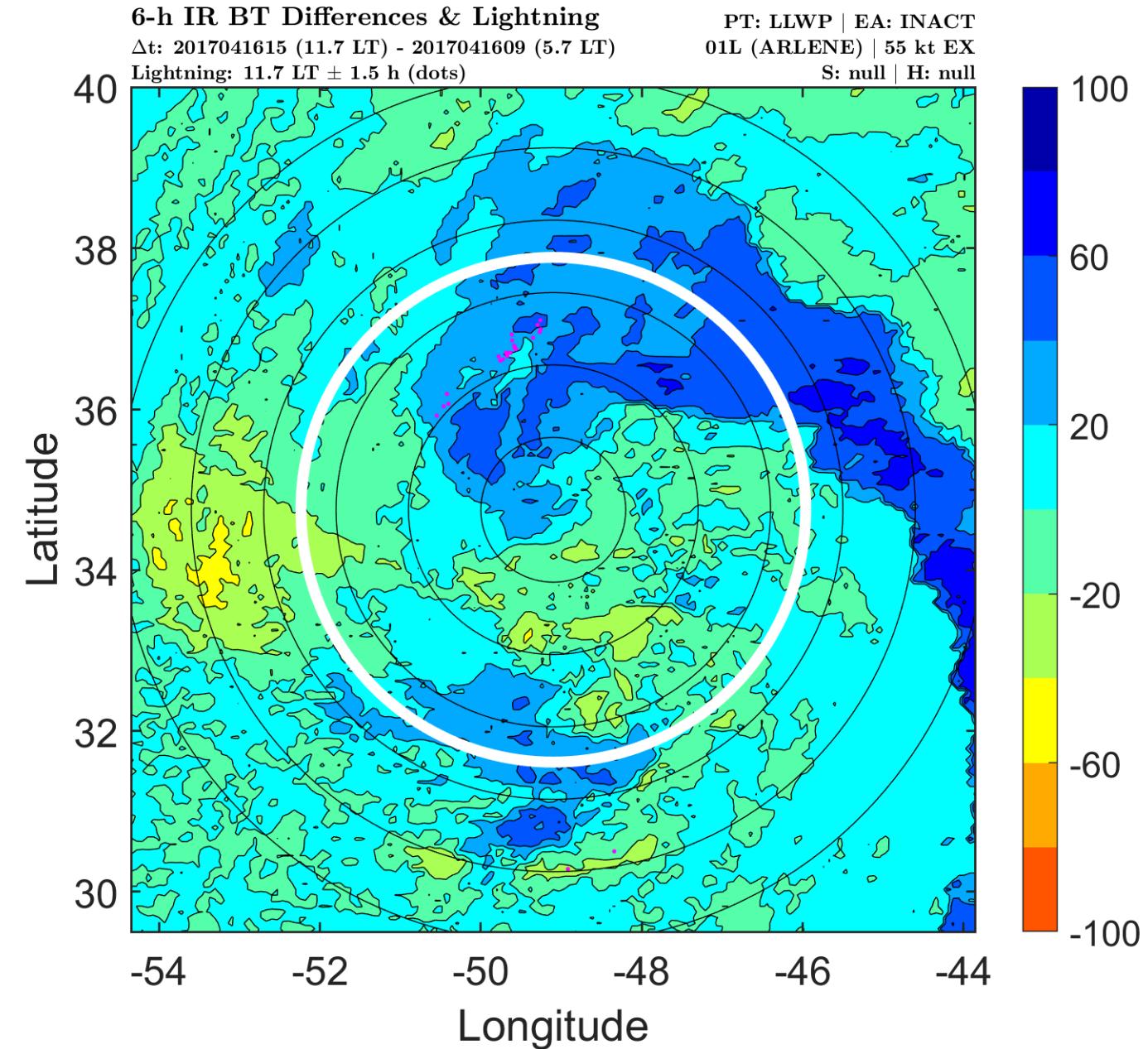
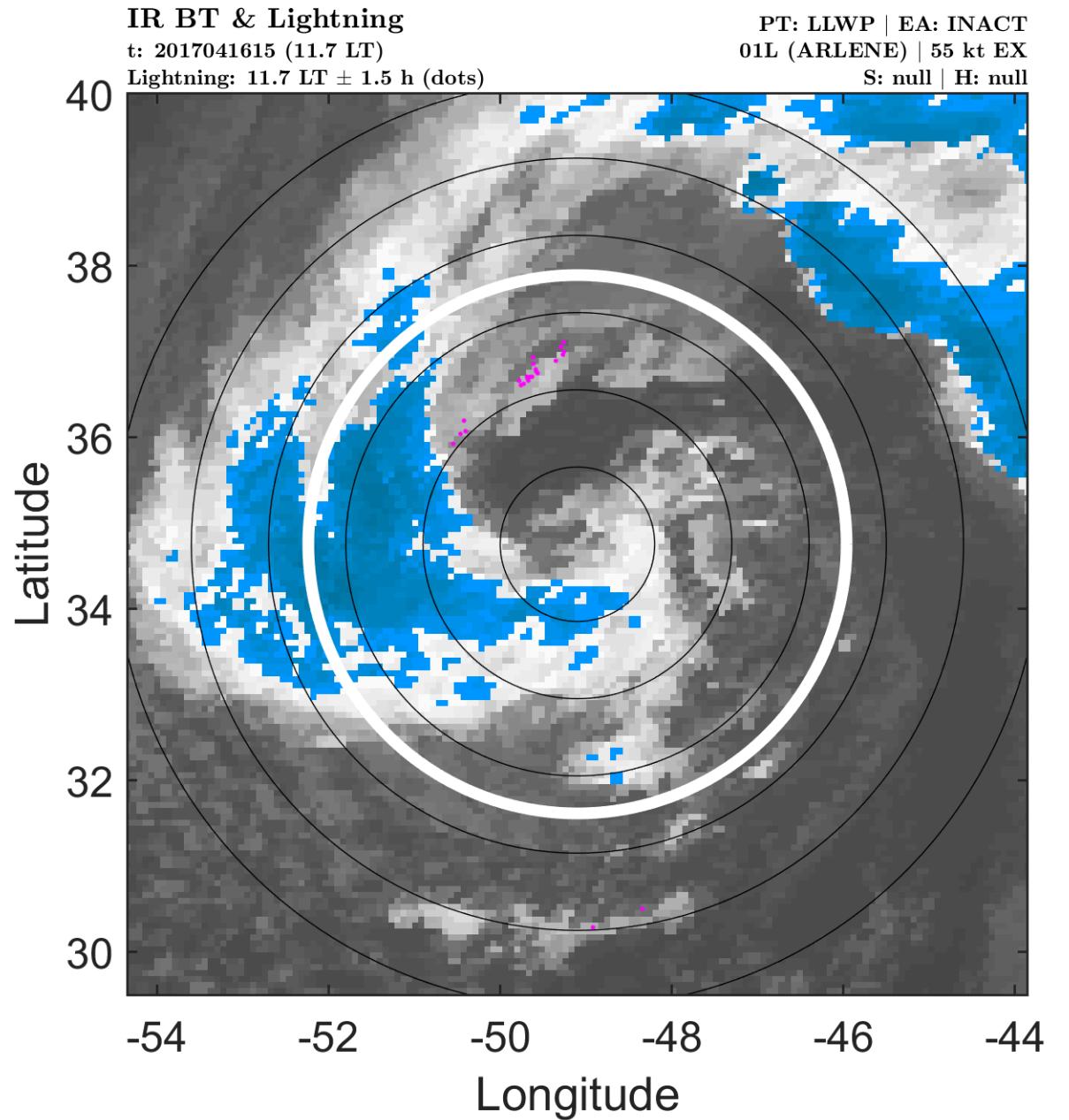
Latitude

40
38
36
34
32
30

-54 -52 -50 -48 -46

Longitude





IR BT & Lightning

t: 2017041618 (14.8 LT)

Lightning: 14.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 55 kt EX

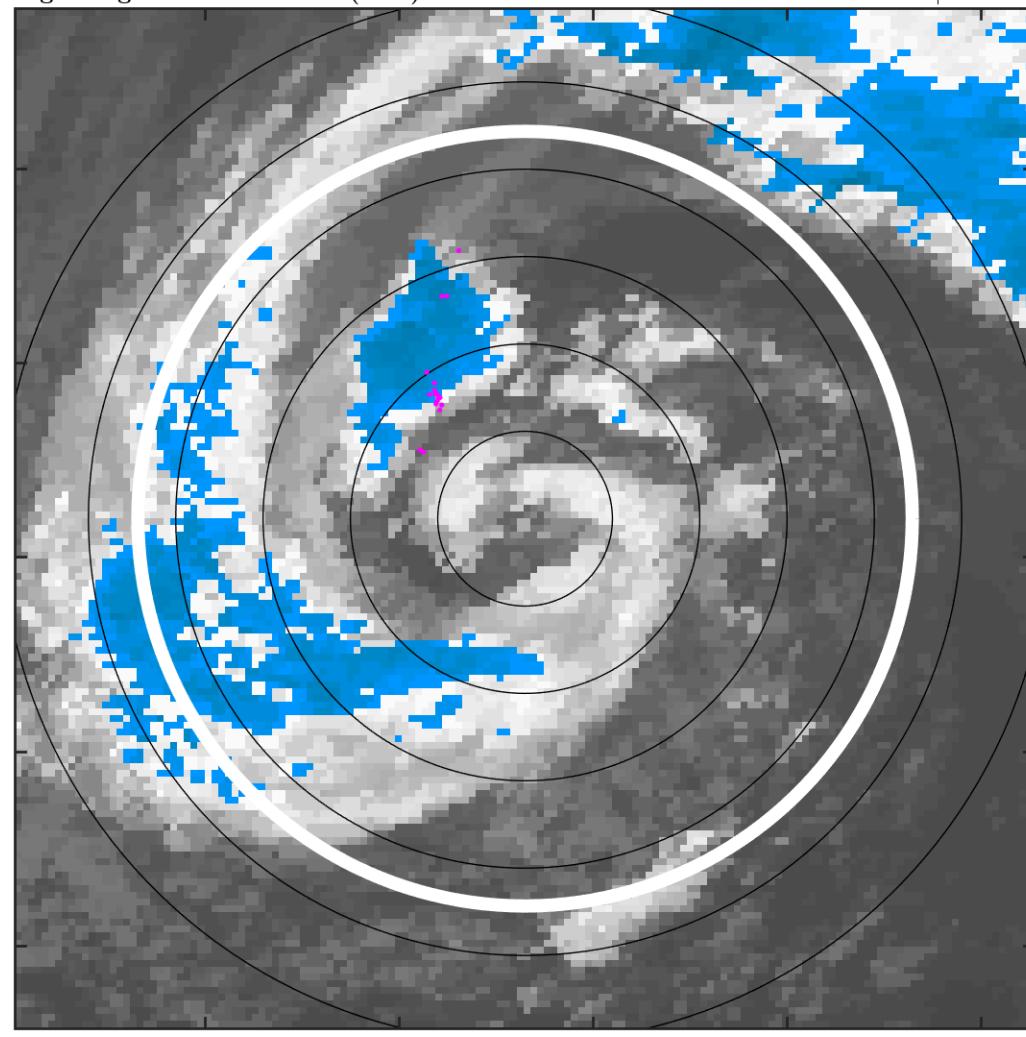
S: null | H: null

Latitude

38
36
34
32
30

-52 -50 -48 -46 -44

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041618 (14.8 LT) - 2017041612 (8.7 LT)

Lightning: 14.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 55 kt EX

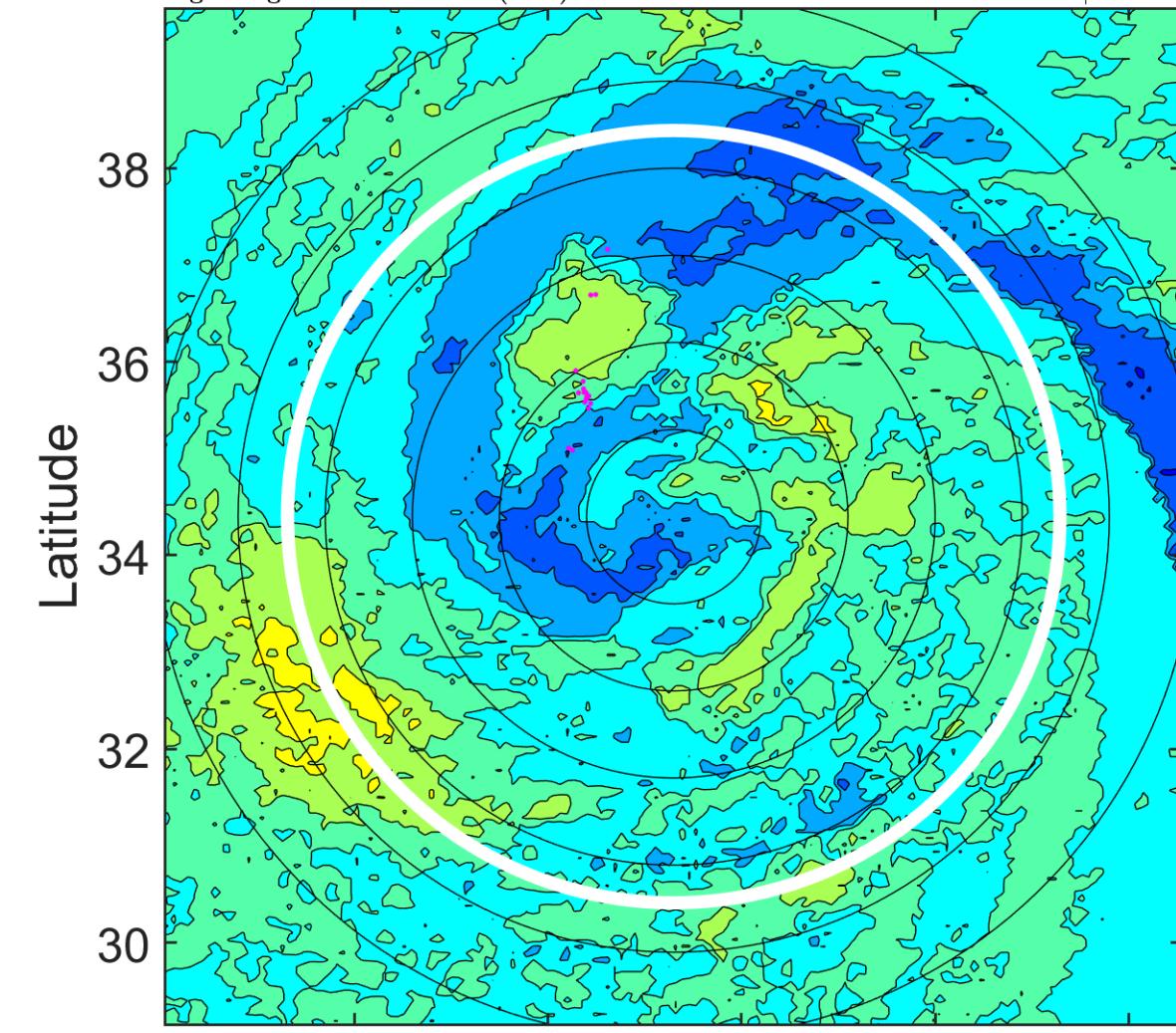
S: null | H: null

Latitude

38
36
34
32
30

-52 -50 -48 -46 -44

Longitude



IR BT & Lightning

t: 2017041621 (17.8 LT)

Lightning: 17.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 52.5 kt EX

S: null | H: null

Latitude

38

36

34

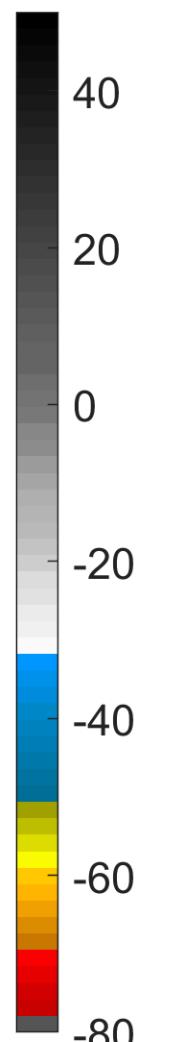
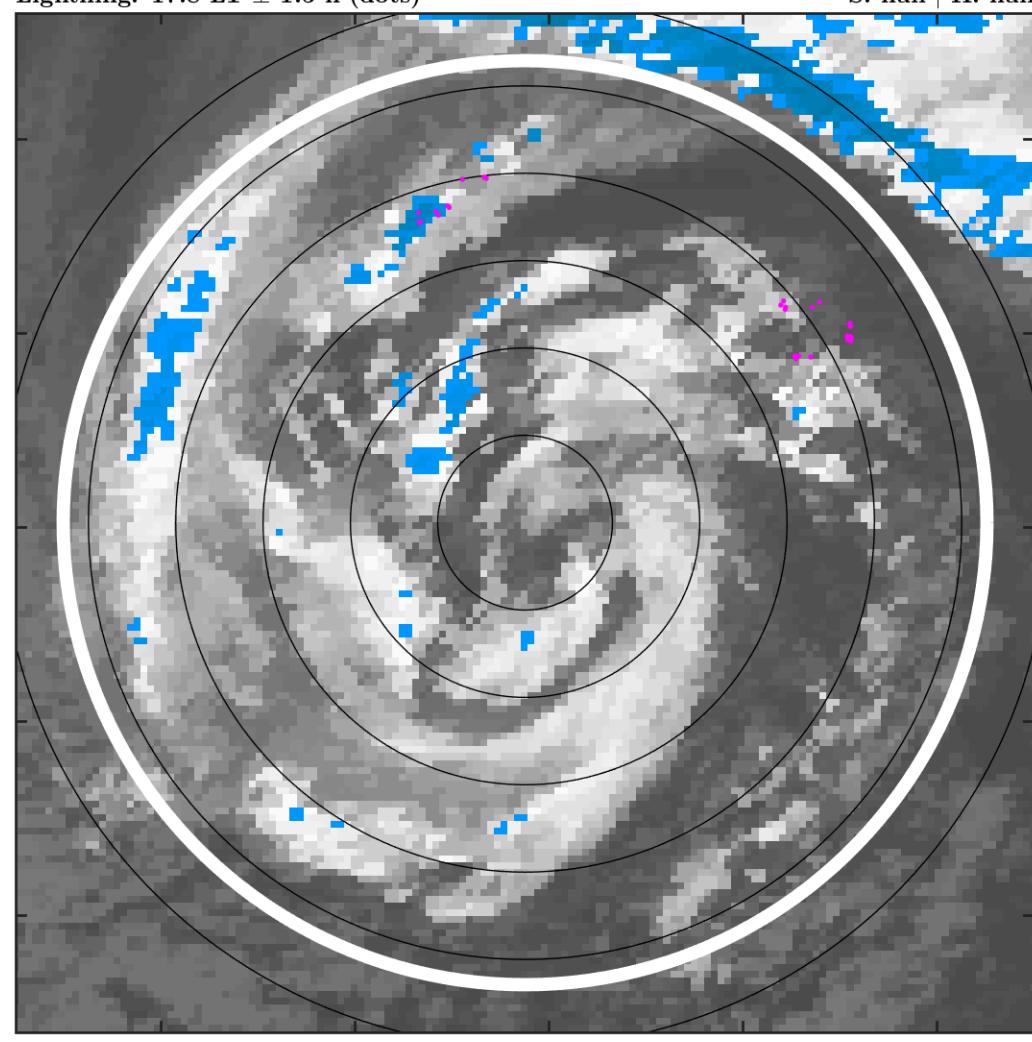
32

30

-52

-50

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041621 (17.8 LT) - 2017041615 (11.7 LT)

Lightning: 17.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 52.5 kt EX

S: null | H: null

Latitude

38

36

34

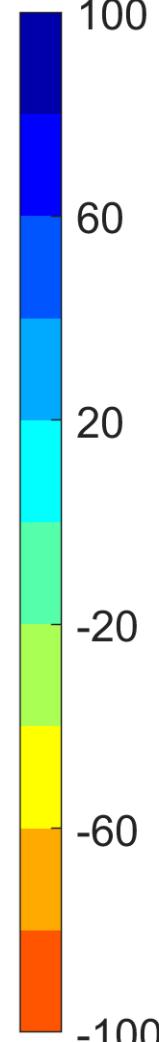
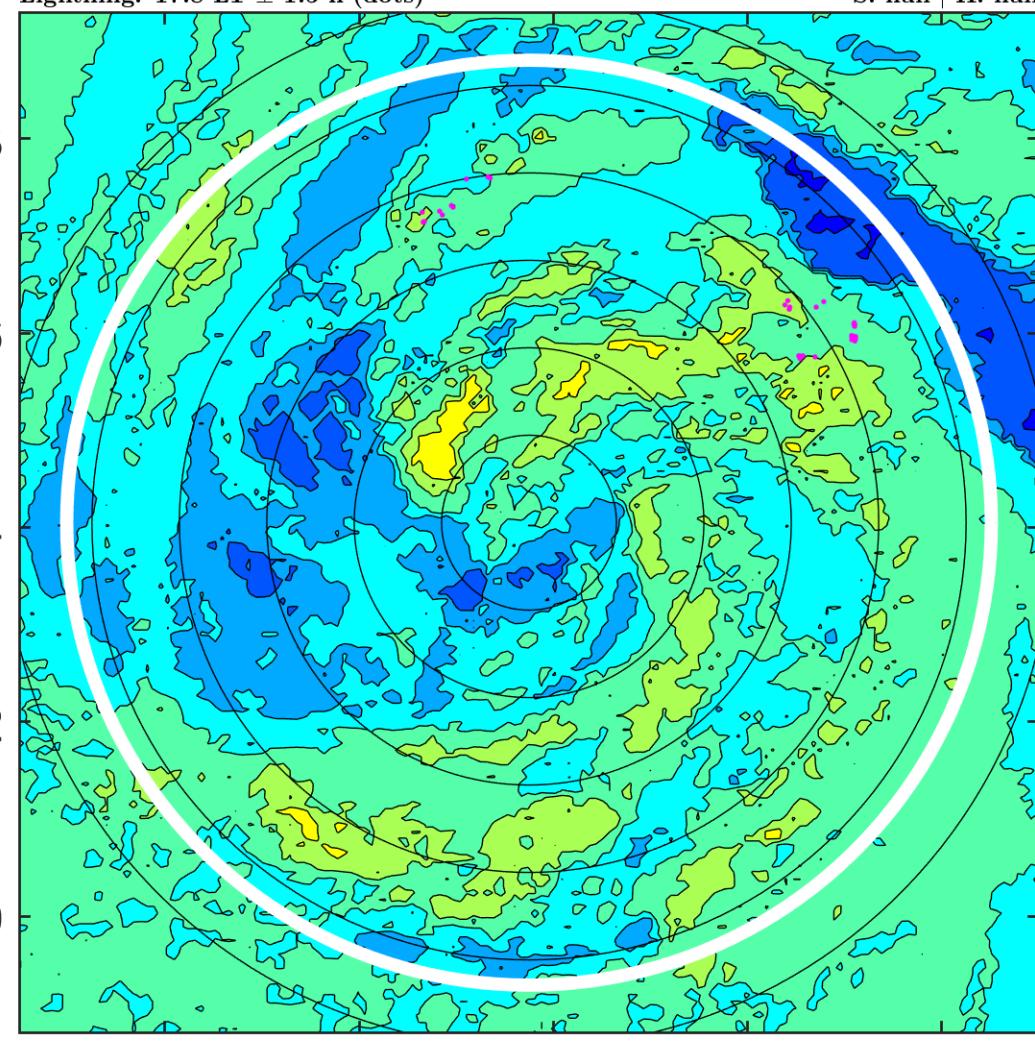
32

30

-52

-50

Longitude



IR BT & Lightning

t: 2017041700 (20.8 LT)

Lightning: 20.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 50 kt EX

S: null | H: null

Latitude

38

36

34

32

30

-52

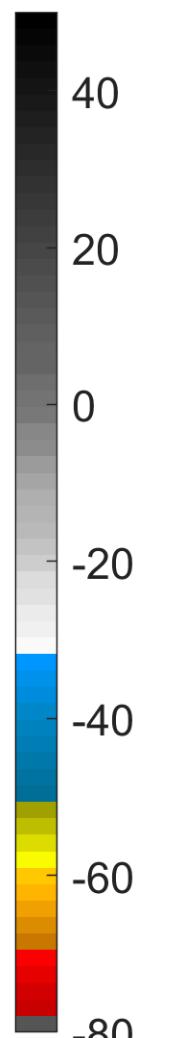
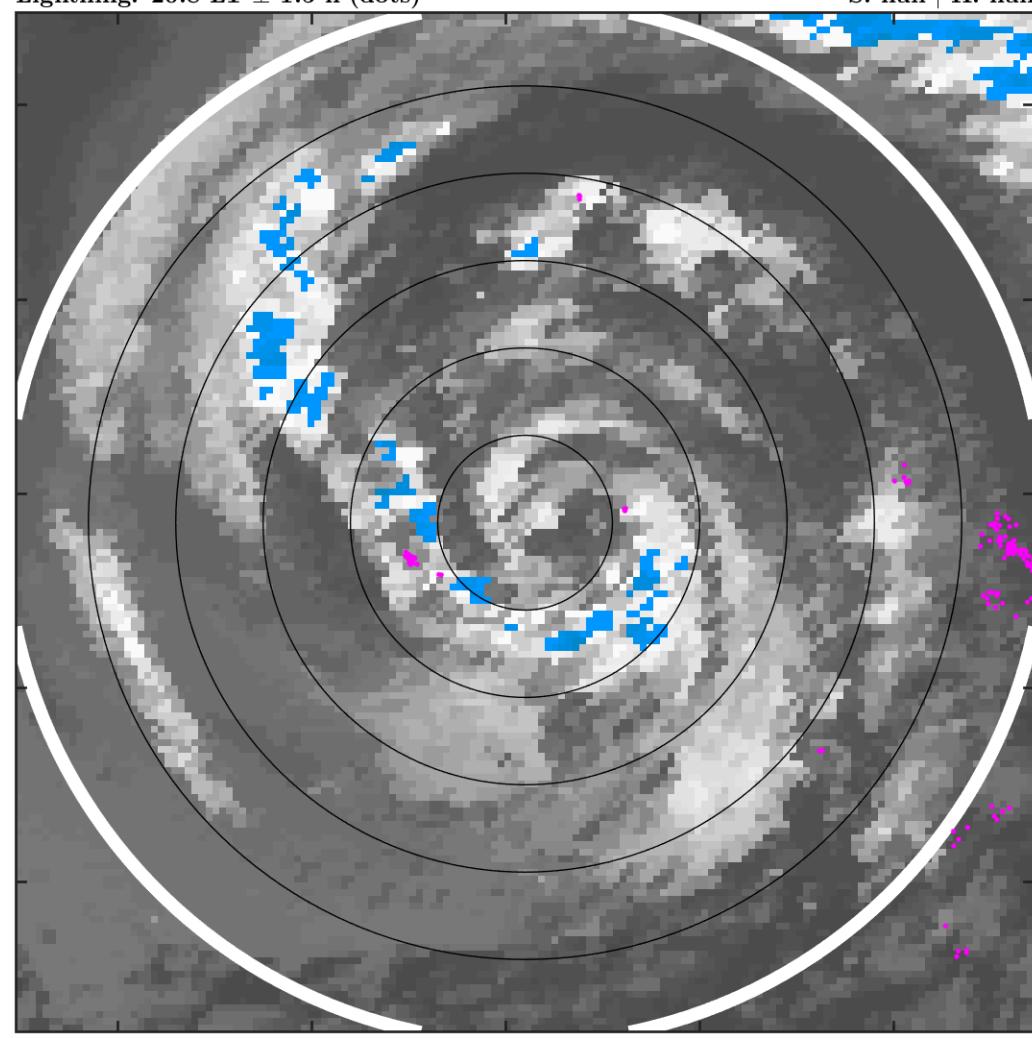
-50

-48

-46

-44

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041700 (20.8 LT) - 2017041618 (14.8 LT)

Lightning: 20.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 50 kt EX

S: null | H: null

Latitude

38

36

34

32

30

-52

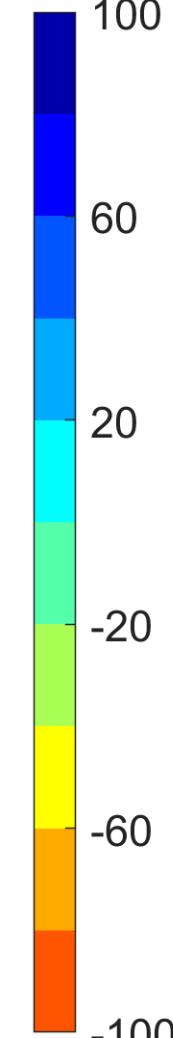
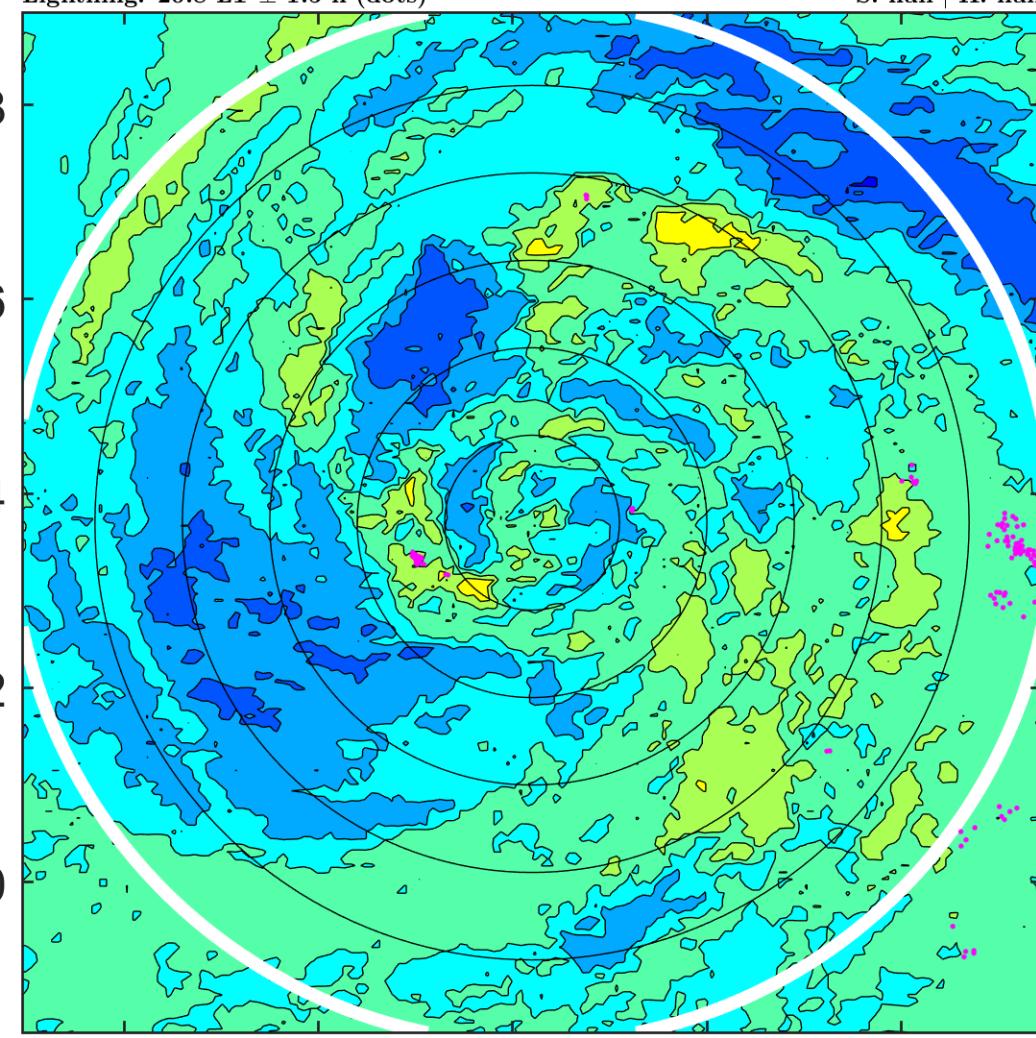
-50

-48

-46

-44

Longitude



IR BT & Lightning

t: 2017041703 (23.8 LT)

Lightning: 23.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 47.5 kt EX

S: null | H: null

Latitude

38

36

34

32

30

-52

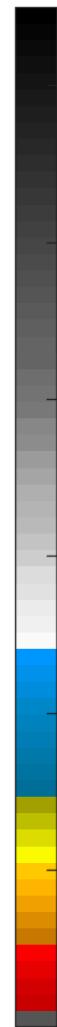
-50

-48

-46

-44

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041703 (23.8 LT) - 2017041621 (17.8 LT)

Lightning: 23.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 47.5 kt EX

S: null | H: null

Latitude

38

36

34

32

30

-52

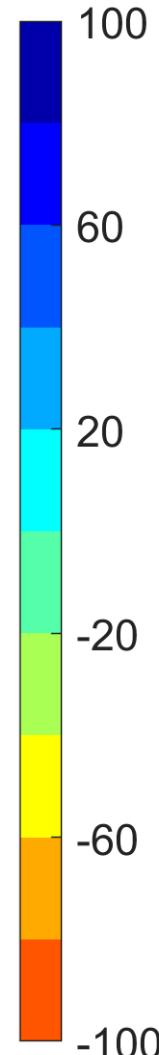
-50

-48

-46

-44

Longitude



IR BT & Lightning

t: 2017041706 (2.9 LT)

Lightning: 2.9 LT \pm 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 45 kt EX

S: null | H: null

Latitude

38

36

34

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30

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-52

-50

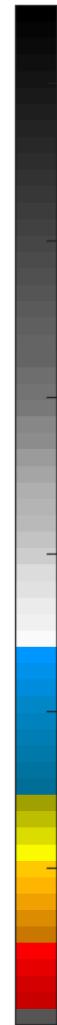
-48

-46

-44

-42

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041706 (2.9 LT) - 2017041700 (20.8 LT)

Lightning: 2.9 LT \pm 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 45 kt EX

S: null | H: null

Latitude

38

36

34

32

30

28

-52

-50

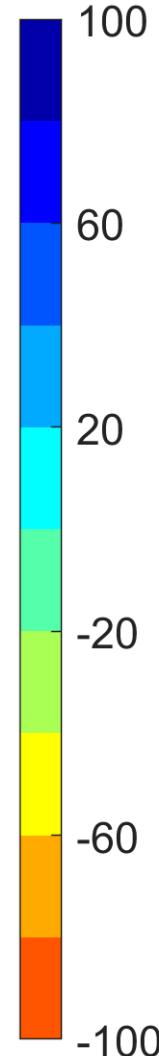
-48

-46

-44

-42

Longitude



IR BT & Lightning

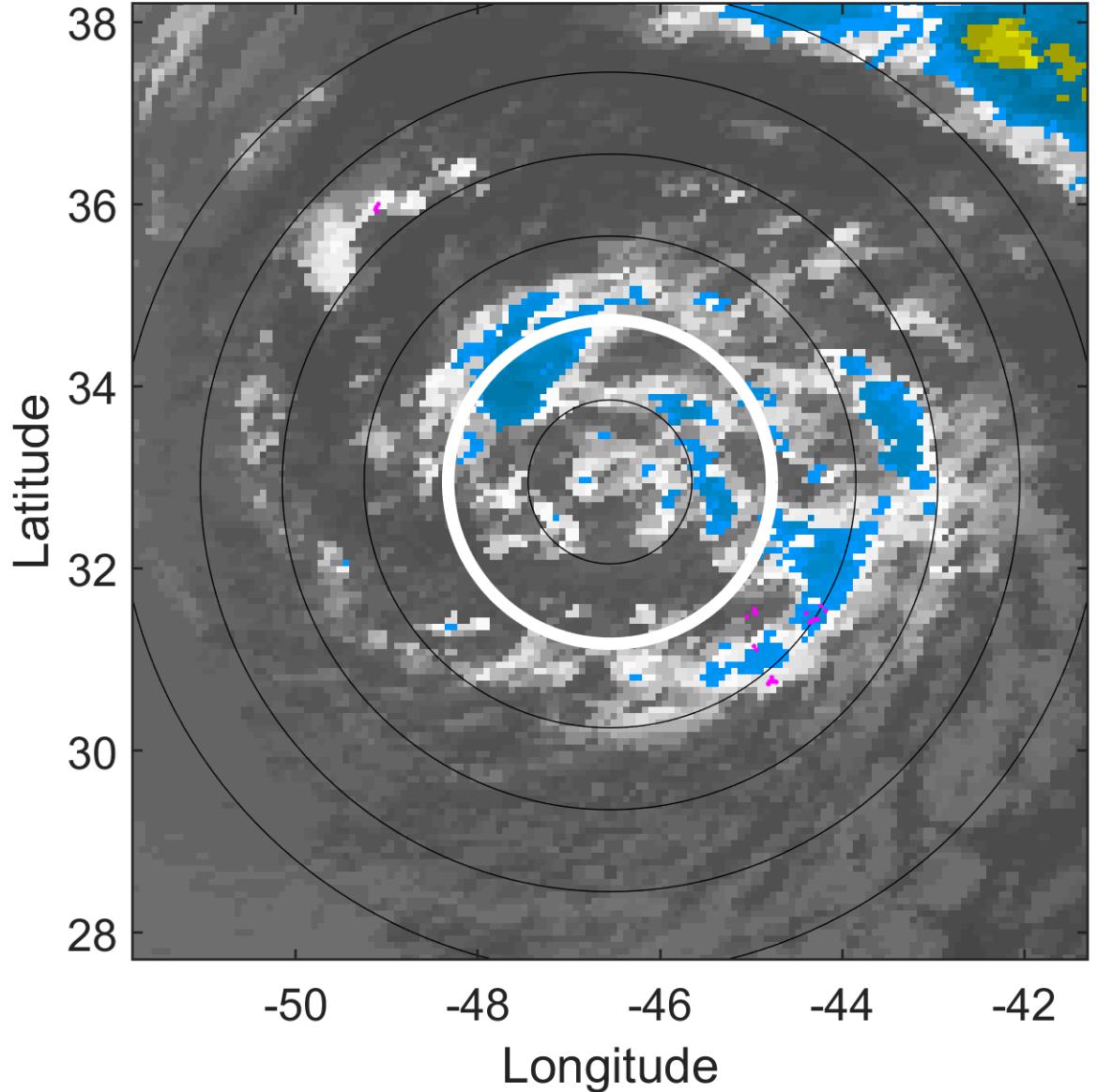
t: 2017041709 (5.9 LT)

Lightning: 5.9 LT \pm 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 45 kt EX

S: null | H: null



6-h IR BT Differences & Lightning

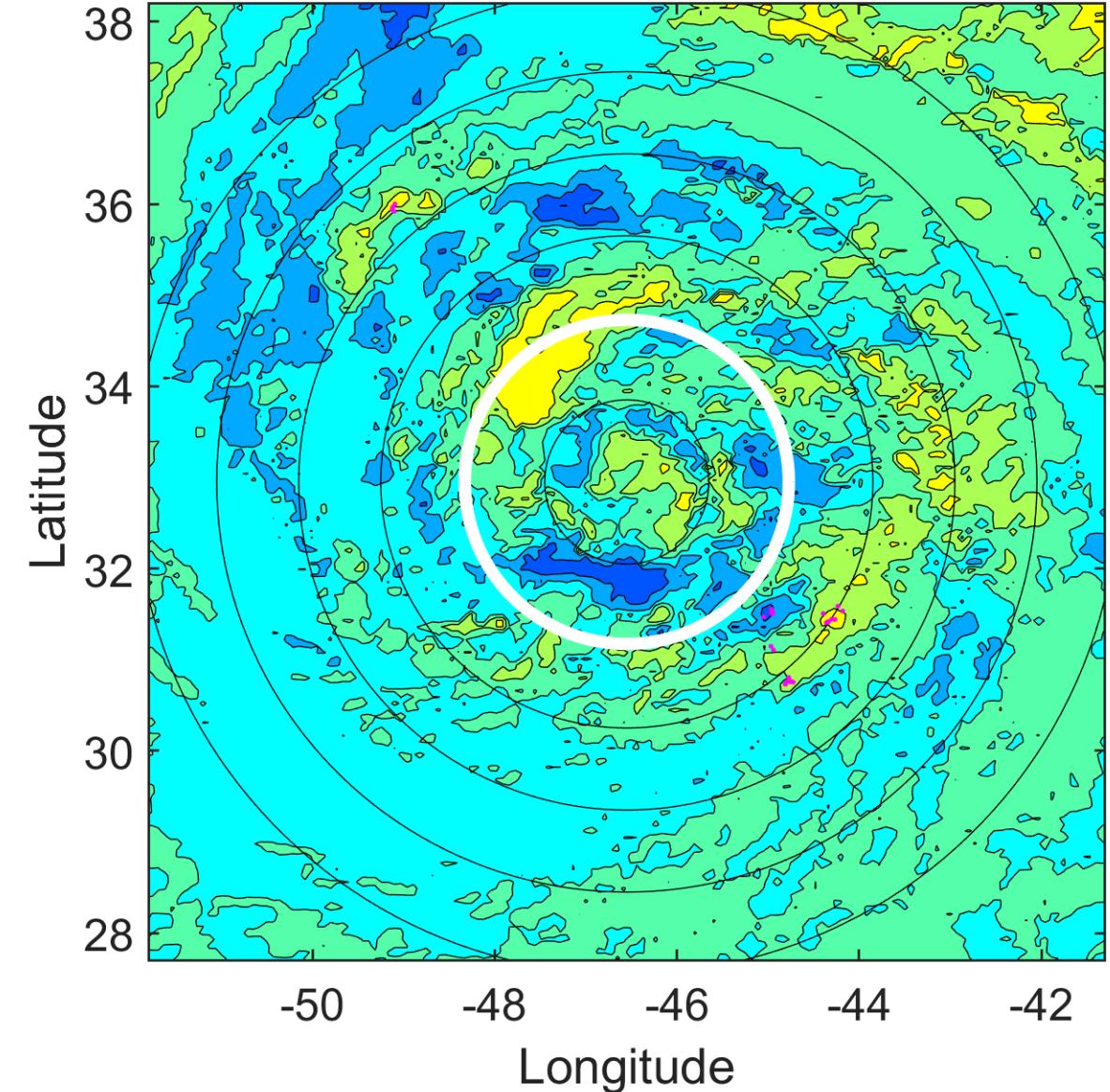
Δt : 2017041709 (5.9 LT) - 2017041703 (23.8 LT)

Lightning: 5.9 LT \pm 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 45 kt EX

S: null | H: null



IR BT & Lightning

t: 2017041712 (8.9 LT)

Lightning: 8.9 LT \pm 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 45 kt EX

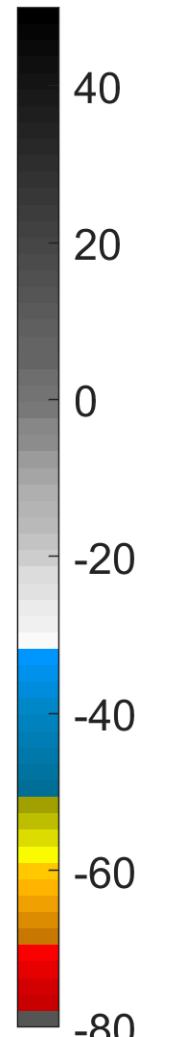
S: null | H: null

Latitude

36
34
32
30
28

-50 -48 -46 -44 -42

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041712 (8.9 LT) - 2017041706 (2.9 LT)

Lightning: 8.9 LT \pm 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 45 kt EX

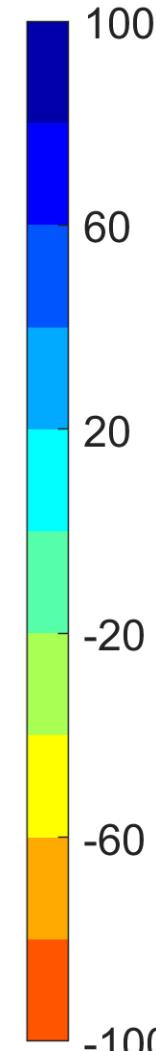
S: null | H: null

Latitude

36
34
32
30
28

-50 -48 -46 -44 -42

Longitude



IR BT & Lightning

t: 2017041715 (12 LT)

Lightning: 12 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 42.5 kt EX

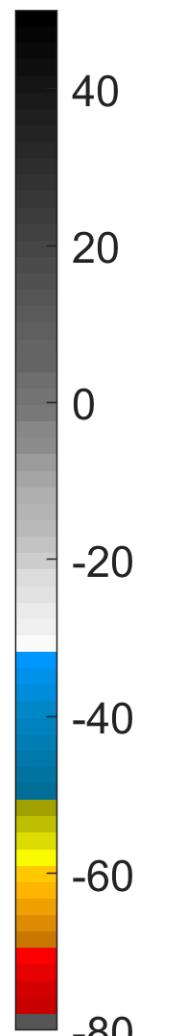
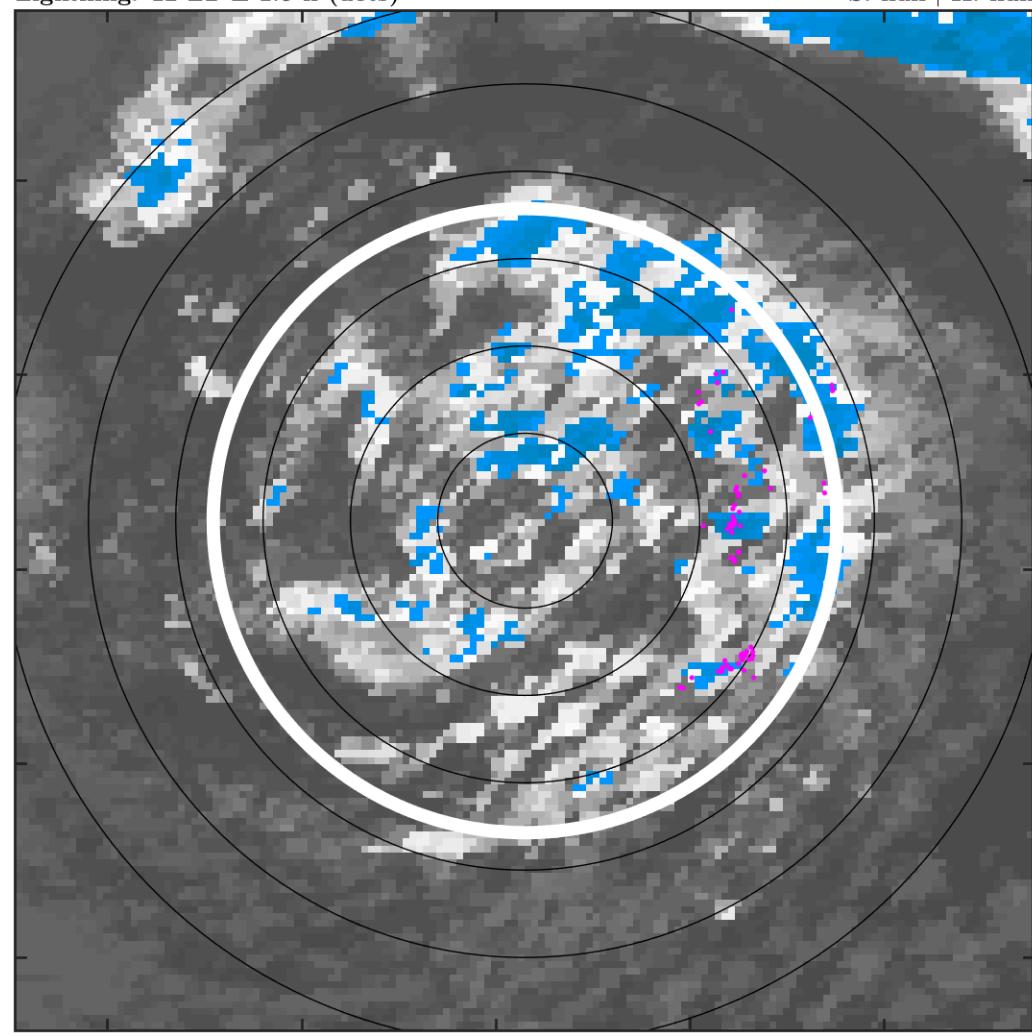
S: null | H: null

Latitude

36
34
32
30
28

-50 -48 -46 -44 -42

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041715 (12 LT) - 2017041709 (5.9 LT)

Lightning: 12 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 42.5 kt EX

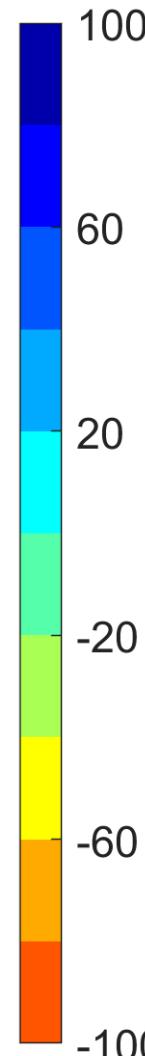
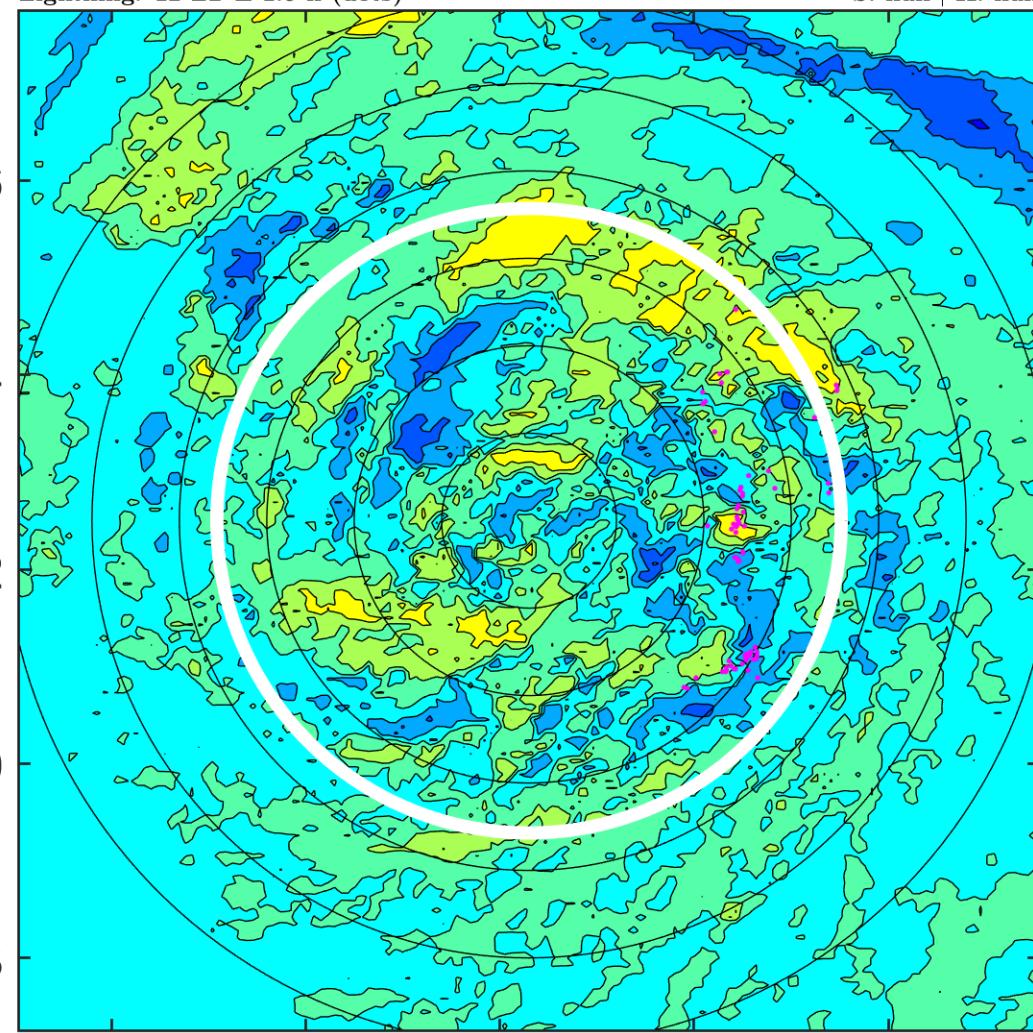
S: null | H: null

Latitude

36
34
32
30
28

-50 -48 -46 -44 -42

Longitude



IR BT & Lightning

t: 2017041718 (15 LT)

Lightning: 15 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-50

-48

-46 -44

-42

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041718 (15 LT) - 2017041712 (8.9 LT)

Lightning: 15 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

36

34

32

30

28

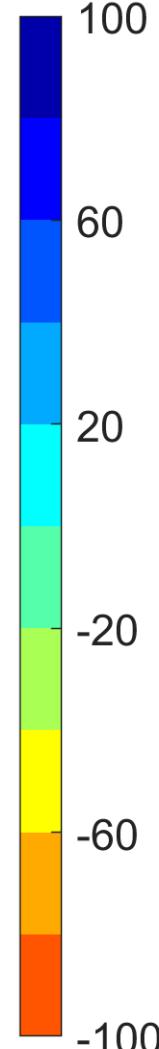
-50

-48

-46 -44

-42

Longitude



IR BT & Lightning

t: 2017041721 (18 LT)

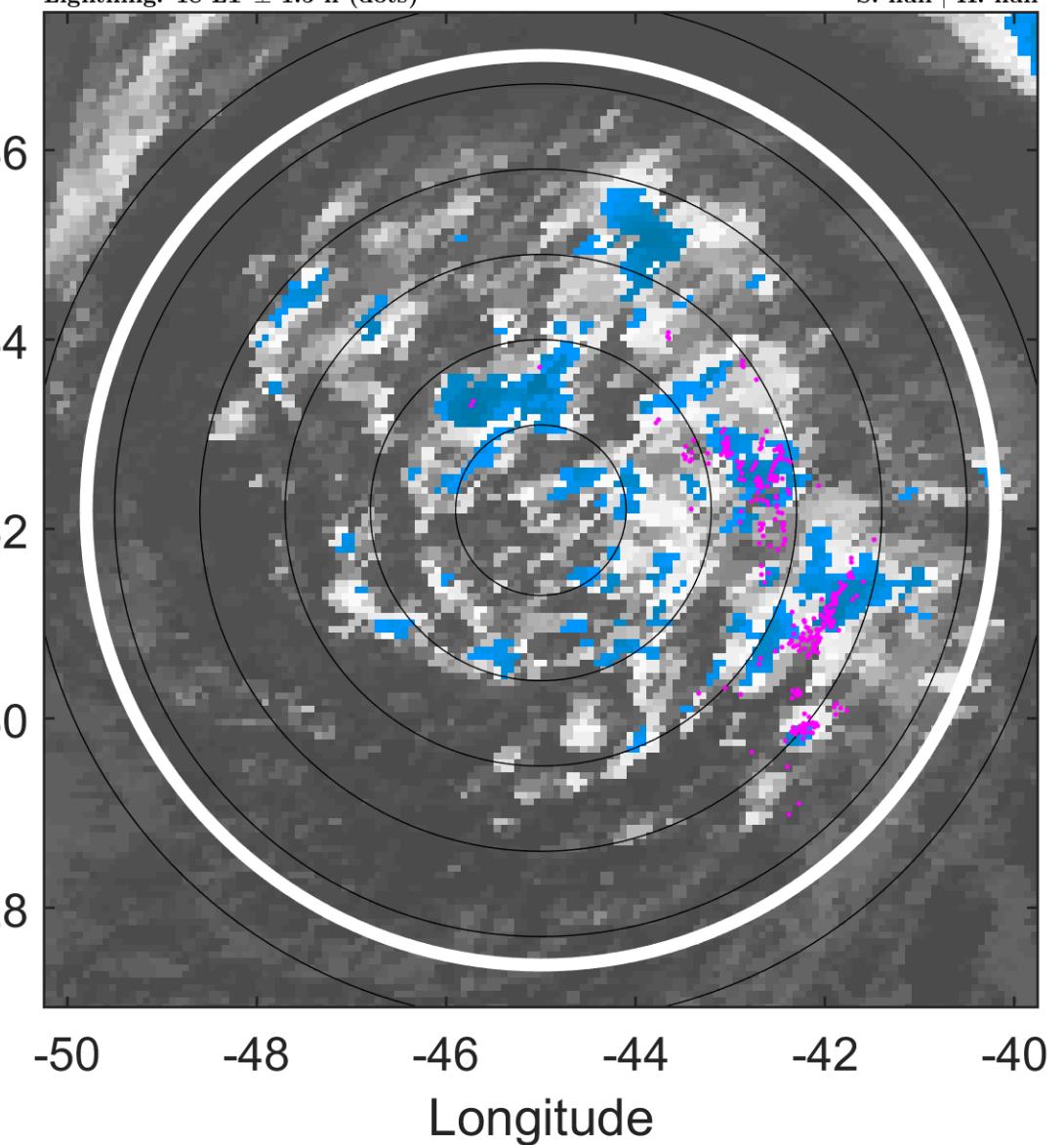
Lightning: 18 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude



6-h IR BT Differences & Lightning

Δt: 2017041721 (18 LT) - 2017041715 (12 LT)

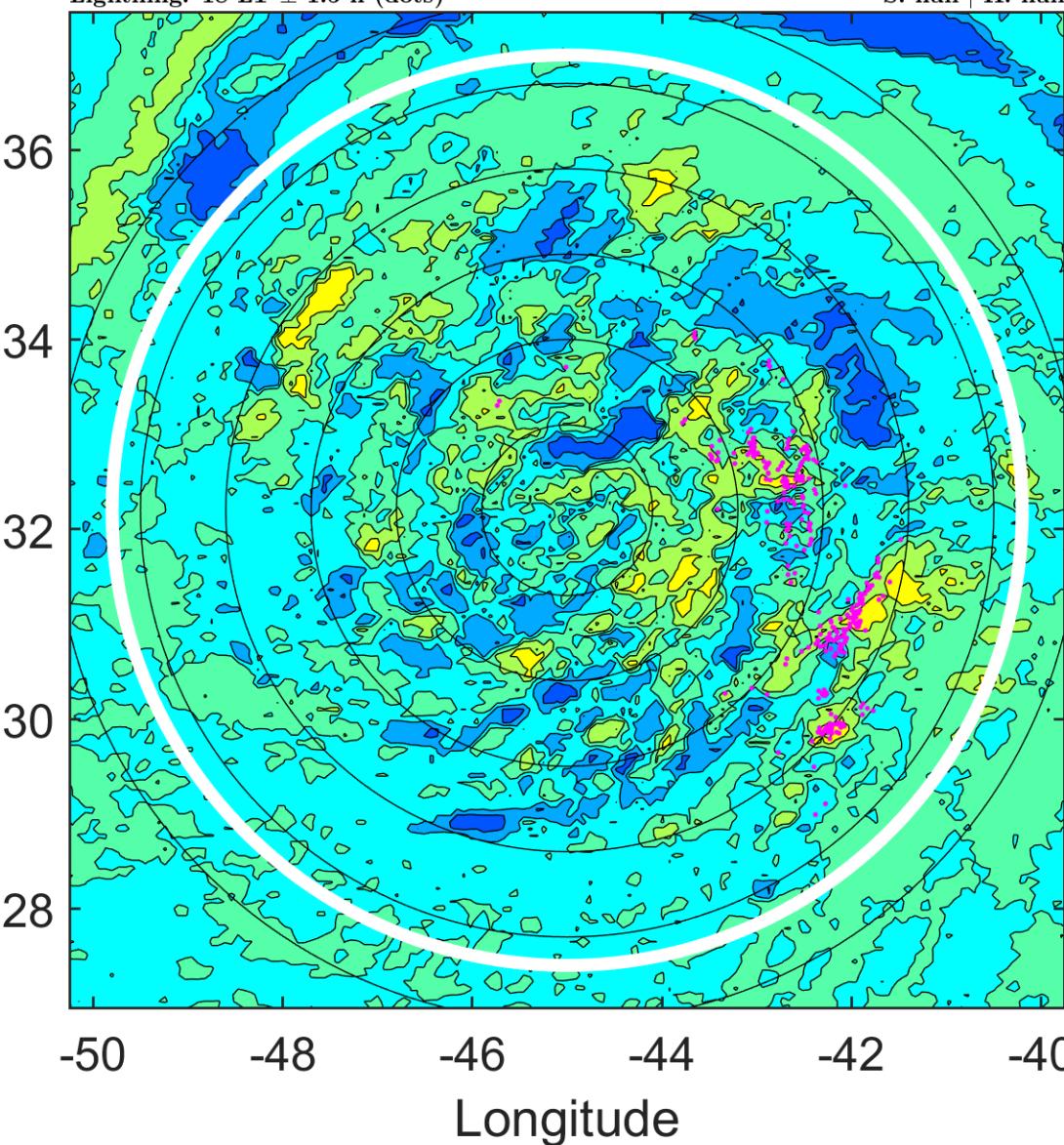
Lightning: 18 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude



IR BT & Lightning

t: 2017041800 (21 LT)

Lightning: 21 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

-46

-44

-42

-40

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041800 (21 LT) - 2017041718 (15 LT)

Lightning: 21 LT ± 1.5 h (dots)

PT: LLCP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

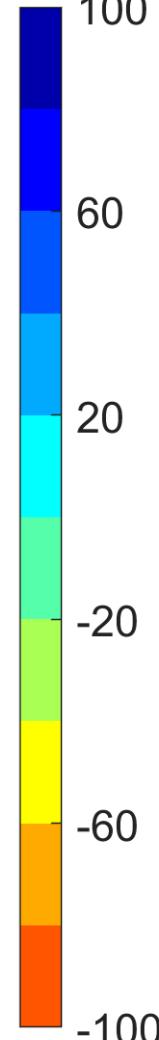
-46

-44

-42

-40

Longitude



IR BT & Lightning

t: 2017041803 (0 LT)

Lightning: 0 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 37.5 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

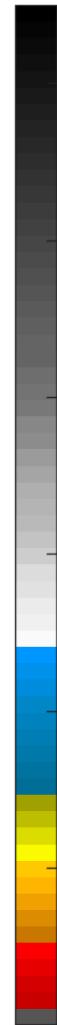
-46

-44

-42

-40

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041803 (0 LT) - 2017041721 (18 LT)

Lightning: 0 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 37.5 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

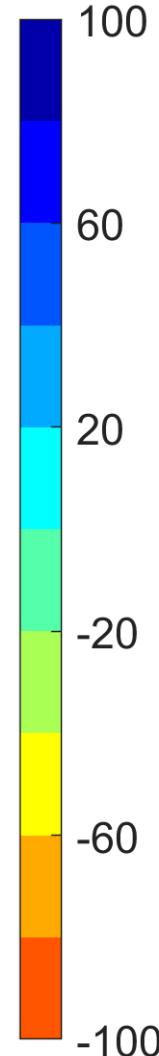
-46

-44

-42

-40

Longitude



IR BT & Lightning

t: 2017041806 (3 LT)

Lightning: 3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

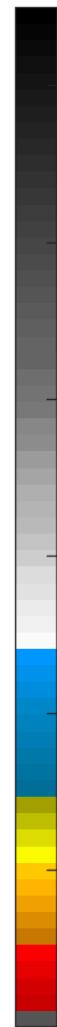
-46

-44

-42

-40

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041806 (3 LT) - 2017041800 (21 LT)

Lightning: 3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

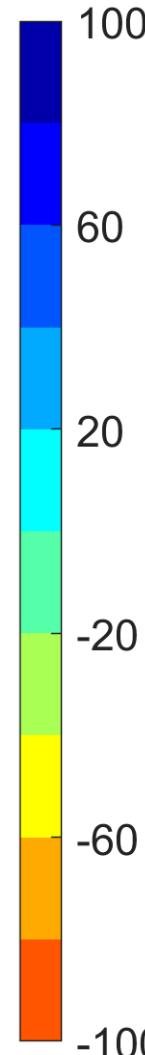
-46

-44

-42

-40

Longitude



IR BT & Lightning

t: 2017041809 (6.1 LT)

Lightning: 6.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

-46

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041809 (6.1 LT) - 2017041803 (0 LT)

Lightning: 6.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

36

34

32

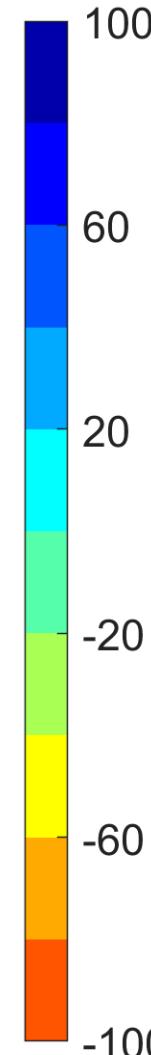
30

28

-48

-46

Longitude



IR BT & Lightning

t: 2017041812 (9.1 LT)

Lightning: 9.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

-46

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041812 (9.1 LT) - 2017041806 (3 LT)

Lightning: 9.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

36

34

32

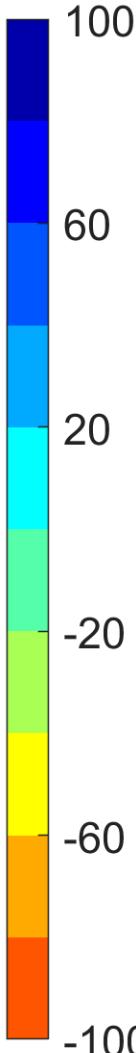
30

28

-48

-46

Longitude



IR BT & Lightning

t: 2017041815 (12.1 LT)

Lightning: 12.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 32.5 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

-46

-44

-42

-40

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041815 (12.1 LT) - 2017041809 (6.1 LT)

Lightning: 12.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 32.5 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-48

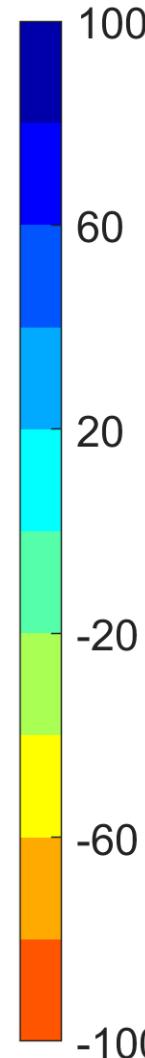
-46

-44

-42

-40

Longitude



IR BT & Lightning

t: 2017041818 (15.1 LT)

Lightning: 15.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt EX

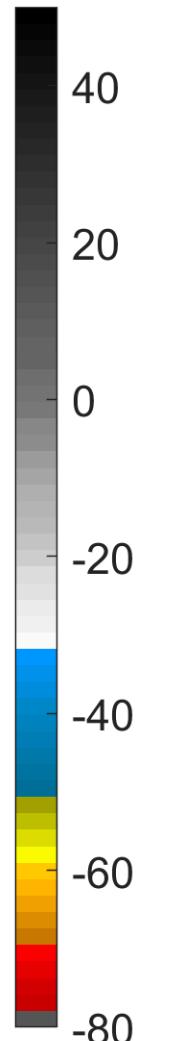
S: null | H: null

Latitude

36
34
32
30
28
26

-48 -46 -44 -42 -40

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041818 (15.1 LT) - 2017041812 (9.1 LT)

Lightning: 15.1 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt EX

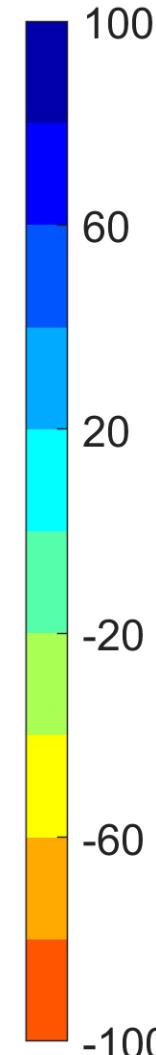
S: null | H: null

Latitude

36
34
32
30
28
26

-48 -46 -44 -42 -40

Longitude



IR BT & Lightning

t: 2017041821 (18.1 LT)

Lightning: 18.1 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt EX

S: null | H: null

Latitude

36

34

32

30

28

26

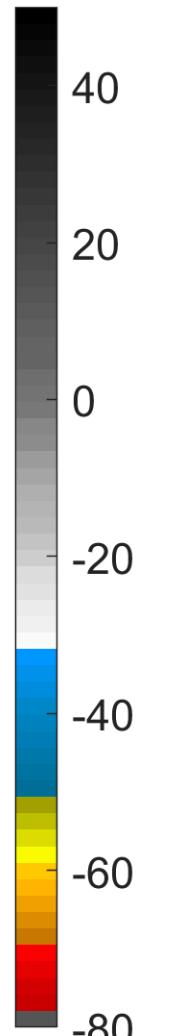
-48

-46

-44 -42

-40 -38

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041821 (18.1 LT) - 2017041815 (12.1 LT)

Lightning: 18.1 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt EX

S: null | H: null

Latitude

36

34

32

30

28

26

-48

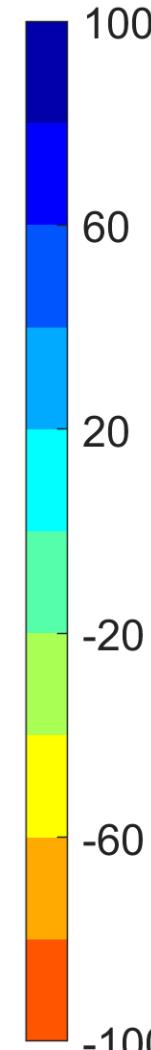
-46

-44 -42

-40

-38

Longitude



IR BT & Lightning

t: 2017041900 (21.2 LT)

Lightning: 21.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.8 m s⁻¹ (H) | H: 104°

Latitude

36

34

32

30

28

26

-46

-44

-42

-40

-38

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041900 (21.2 LT) - 2017041818 (15.1 LT)

Lightning: 21.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.8 m s⁻¹ (H) | H: 104°

Latitude

36

34

32

30

28

26

-46

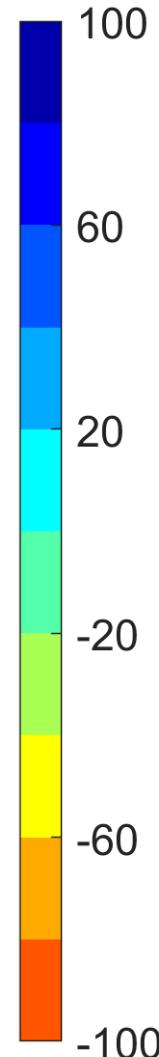
-44

-42

-40

-38

Longitude



IR BT & Lightning

t: 2017041903 (0.2 LT)

Lightning: 0.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 13 m s⁻¹ (H) | H: 105.5°

Latitude

36

34

32

30

28

26

-46

-44

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041903 (0.2 LT) - 2017041821 (18.1 LT)

Lightning: 0.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 13 m s⁻¹ (H) | H: 105.5°

Latitude

36

34

32

30

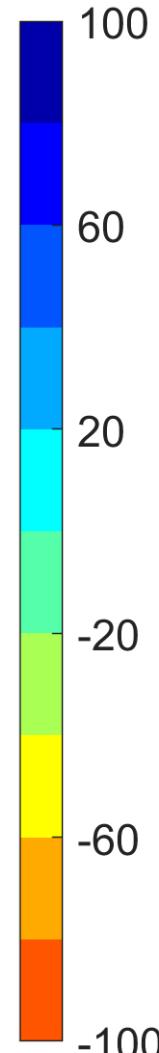
28

26

-46

-44

Longitude



IR BT & Lightning

t: 2017041906 (3.2 LT)

Lightning: 3.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 13.1 m s⁻¹ (H) | H: 107°

Latitude

36

34

32

30

28

-46

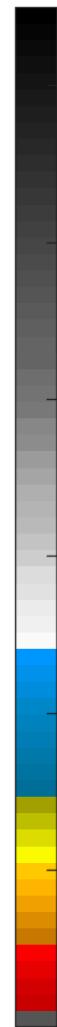
-44

-42

-40

-38

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041906 (3.2 LT) - 2017041900 (21.2 LT)

Lightning: 3.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 13.1 m s⁻¹ (H) | H: 107°

Latitude

36

34

32

30

28

-46

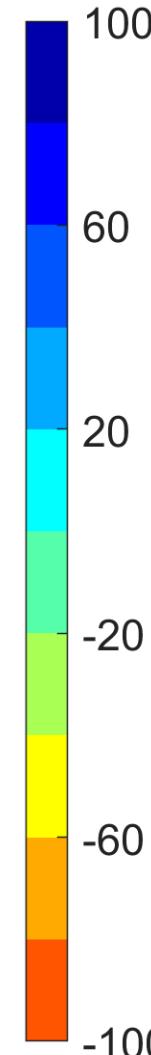
-44

-42

-40

-38

Longitude



IR BT & Lightning

t: 2017041909 (6.2 LT)

Lightning: 6.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 13 m s⁻¹ (H) | H: 105.5°

Latitude

36

34

32

30

28

-46

-44

-42

-40

-38

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041909 (6.2 LT) - 2017041903 (0.2 LT)

Lightning: 6.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 13 m s⁻¹ (H) | H: 105.5°

Latitude

36

34

32

30

28

-46

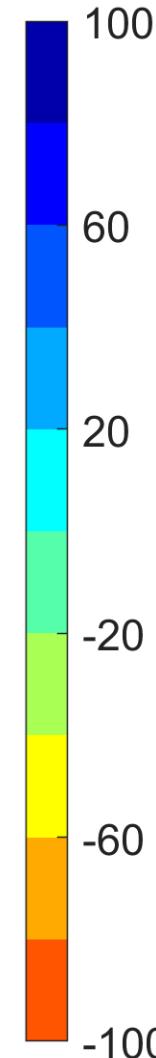
-44

-42

-40

-38

Longitude



IR BT & Lightning

t: 2017041912 (9.3 LT)

Lightning: 9.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.8 m s⁻¹ (H) | H: 104°

Latitude

36

34

32

30

28

-46

-44

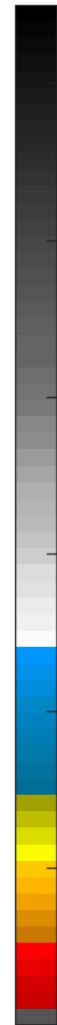
-42

-40

-38

-36

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041912 (9.3 LT) - 2017041906 (3.2 LT)

Lightning: 9.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.8 m s⁻¹ (H) | H: 104°

Latitude

36

34

32

30

28

-46

-44

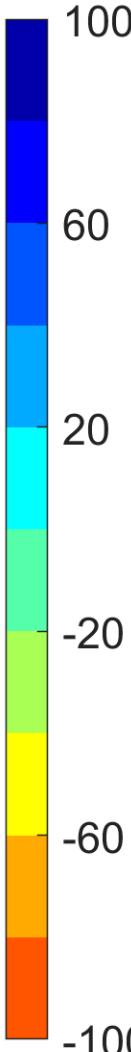
-42

-40

-38

-36

Longitude



IR BT & Lightning

t: 2017041915 (12.3 LT)

Lightning: 12.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.6 m s⁻¹ (H) | H: 106°

Latitude

36

34

32

30

28

-46

-44

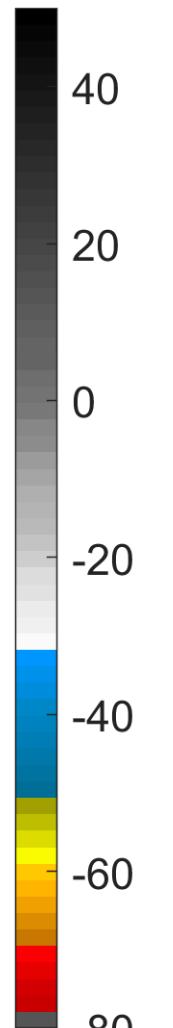
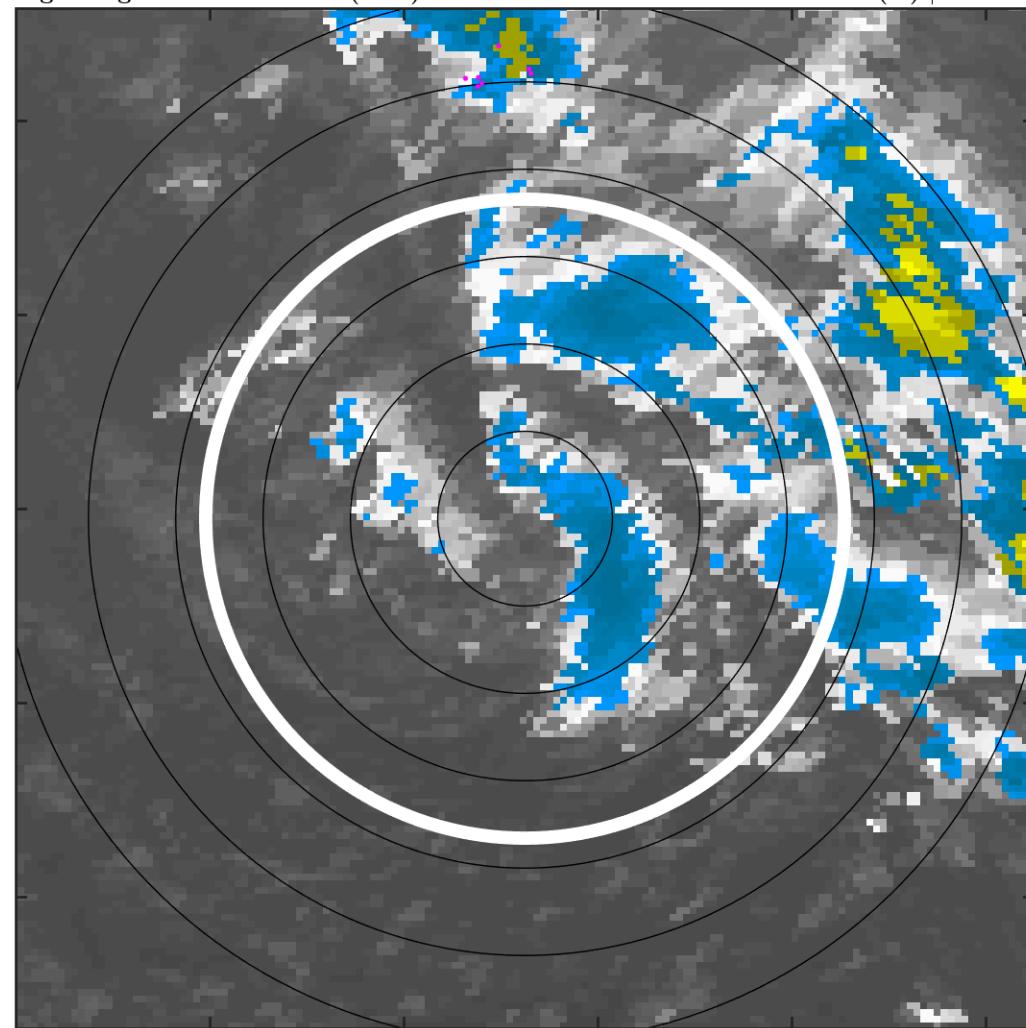
-42

-40

-38

-36

Longitude



6-h IR BT Differences & Lightning

Δt: 2017041915 (12.3 LT) - 2017041909 (6.2 LT)

Lightning: 12.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.6 m s⁻¹ (H) | H: 106°

Latitude

36

34

32

30

28

-46

-44

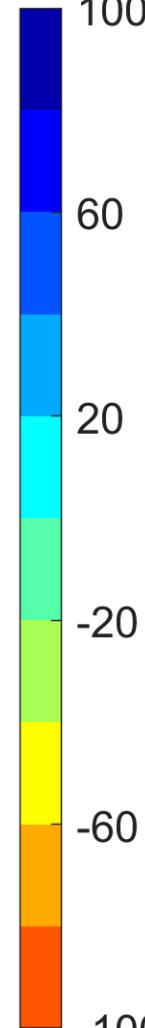
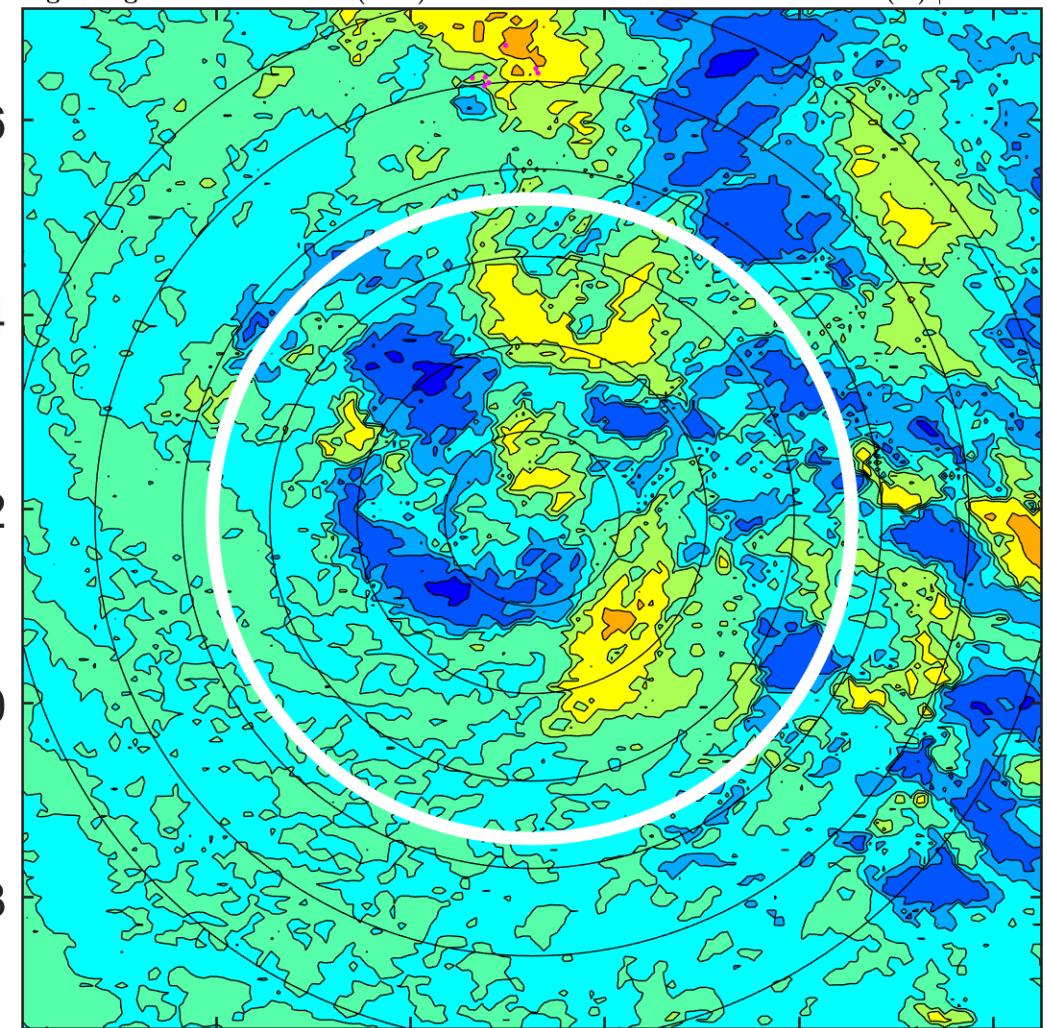
-42

-40

-38

-36

Longitude



IR BT & Lightning

t: 2017041918 (15.3 LT)

Lightning: 15.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.4 m s⁻¹ (H) | H: 108°

Latitude

36

34

32

30

28

-44

-42

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041918 (15.3 LT) - 2017041912 (9.3 LT)

Lightning: 15.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.4 m s⁻¹ (H) | H: 108°

Latitude

36

34

32

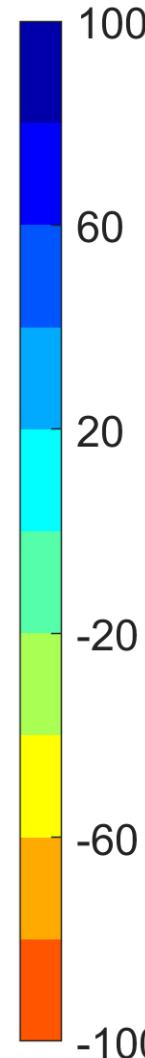
30

28

-44

-42

Longitude



IR BT & Lightning

t: 2017041921 (18.3 LT)

Lightning: 18.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.1 m s⁻¹ (H) | H: 102°

Latitude

36

34

32

30

28

-44

-42

Longitude



6-h IR BT Differences & Lightning

Δt : 2017041921 (18.3 LT) - 2017041915 (12.3 LT)

Lightning: 18.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt SD

S: 12.1 m s⁻¹ (H) | H: 102°

Latitude

36

34

32

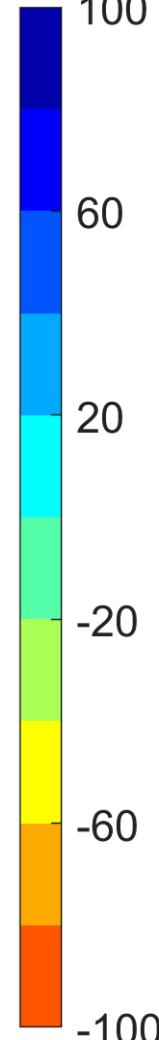
30

28

-44

-42

Longitude



IR BT & Lightning

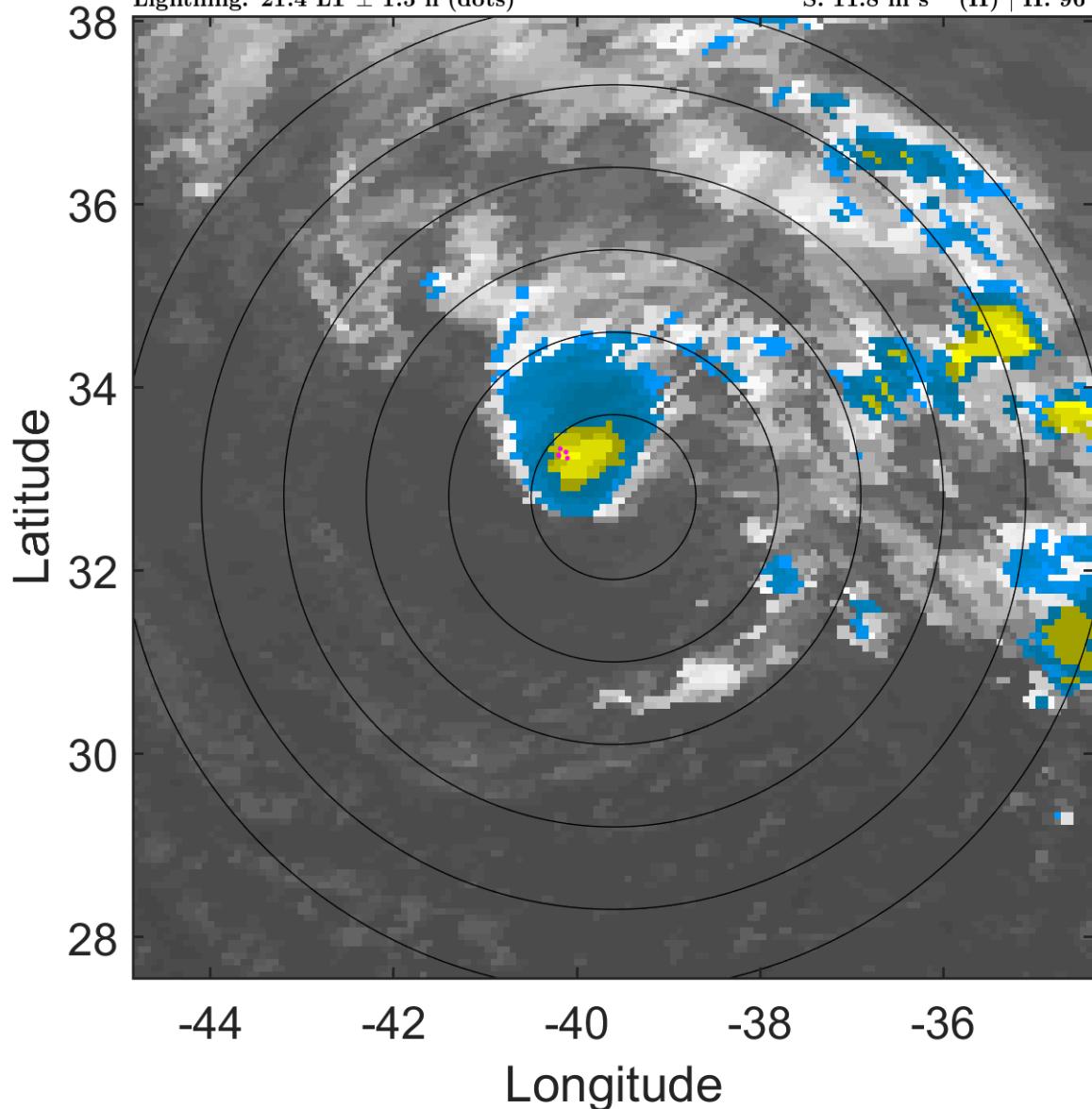
t: 2017042000 (21.4 LT)

Lightning: 21.4 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt TD

S: 11.8 m s⁻¹ (H) | H: 96°



6-h IR BT Differences & Lightning

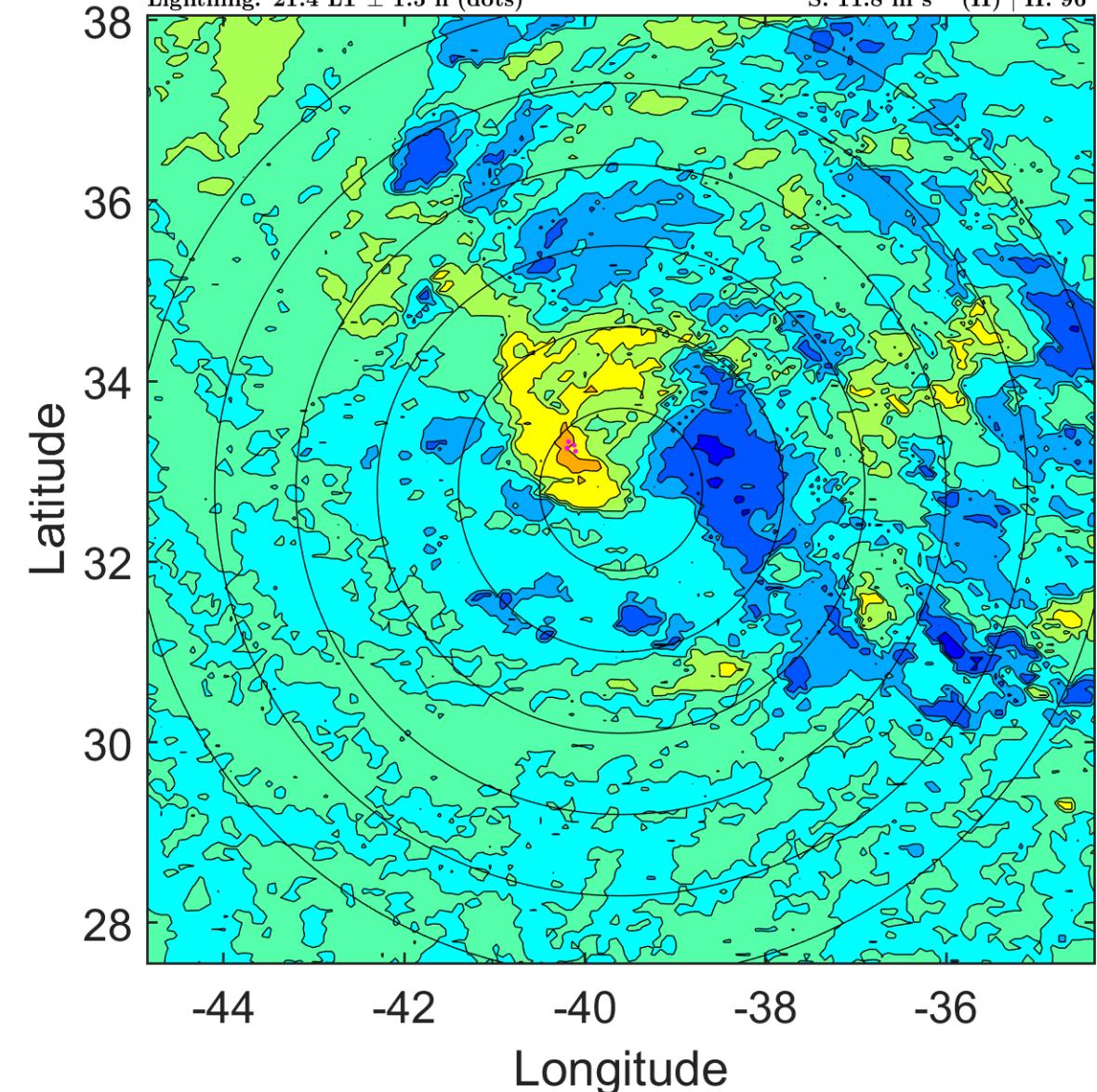
Δt: 2017042000 (21.4 LT) - 2017041918 (15.3 LT)

Lightning: 21.4 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 30 kt TD

S: 11.8 m s⁻¹ (H) | H: 96°



IR BT & Lightning

t: 2017042003 (0.4 LT)

Lightning: 0.4 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 32.5 kt TD

S: 11.7 m s⁻¹ (H) | H: 92°

Latitude

38

36

34

32

30

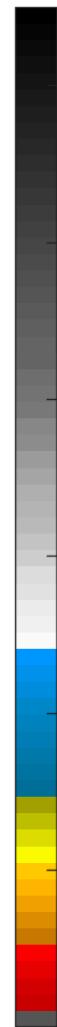
-44

-42

-40 -38

-36

Longitude



6-h IR BT Differences & Lightning

Δt : 2017042003 (0.4 LT) - 2017041921 (18.3 LT)

Lightning: 0.4 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 32.5 kt TD

S: 11.7 m s⁻¹ (H) | H: 92°

Latitude

38

36

34

32

30

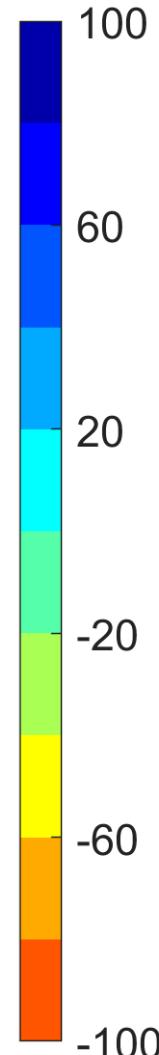
-44

-42

-40 -38

-36

Longitude



IR BT & Lightning

t: 2017042006 (3.4 LT)

Lightning: 3.4 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 11.7 m s⁻¹ (H) | H: 88°

Latitude

38

36

34

32

30

-44

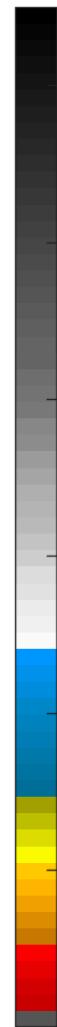
-42

-40 -38

-36

-34

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042006 (3.4 LT) - 2017042000 (21.4 LT)

Lightning: 3.4 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 11.7 m s⁻¹ (H) | H: 88°

Latitude

38

36

34

32

30

-44

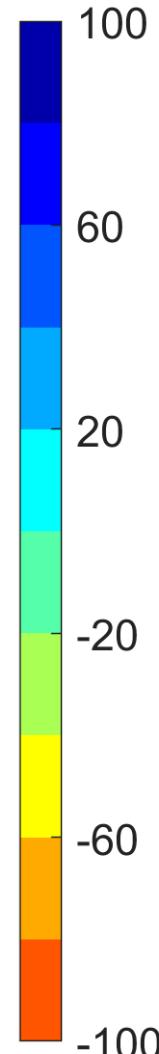
-42

-40 -38

-36

-34

Longitude



IR BT & Lightning

t: 2017042009 (6.4 LT)

Lightning: 6.4 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 10 m s⁻¹ (M) | H: 87.5°

Latitude

38

36

34

32

30

-44

-42

-40 -38

-36

Longitude



6-h IR BT Differences & Lightning

Δt : 2017042009 (6.4 LT) - 2017042003 (0.4 LT)

Lightning: 6.4 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 10 m s⁻¹ (M) | H: 87.5°

Latitude

38

36

34

32

30

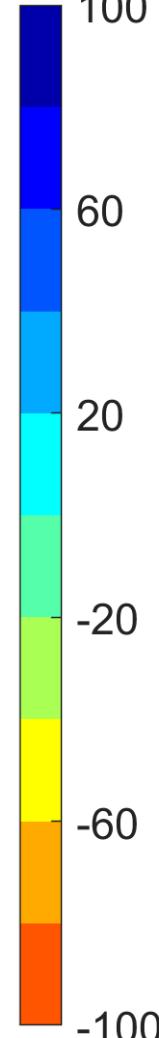
-44

-42

-40 -38

-36

Longitude



IR BT & Lightning

t: 2017042012 (9.4 LT)

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

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 8.2 m s^{-1} (M) | H: 87°

Latitude

40

38

36

34

32

-44

-42

Longitude



6-h IR BT Differences & Lightning

$\Delta t: 2017042012 (9.4 \text{ LT}) - 2017042006 (3.4 \text{ LT})$

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

PT: SLCP | EA: INACT

01L (ARLENE) | 35 kt TS

S: 8.2 m s^{-1} (M) | H: 87°

Latitude

40

38

36

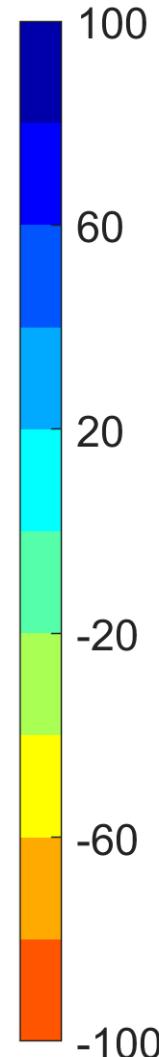
34

32

-44

-42

Longitude



IR BT & Lightning

t: 2017042015 (12.3 LT)

Lightning: 12.3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 37.5 kt TS

S: 5.2 m s⁻¹ (M) | H: 63°

Latitude

40

38

36

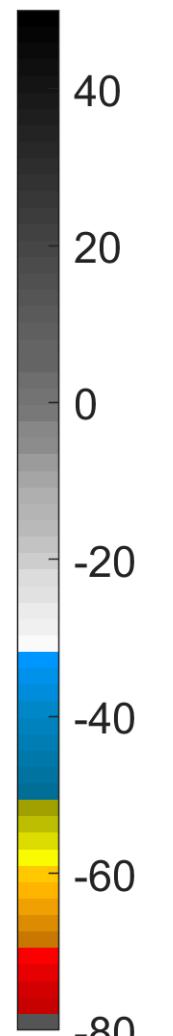
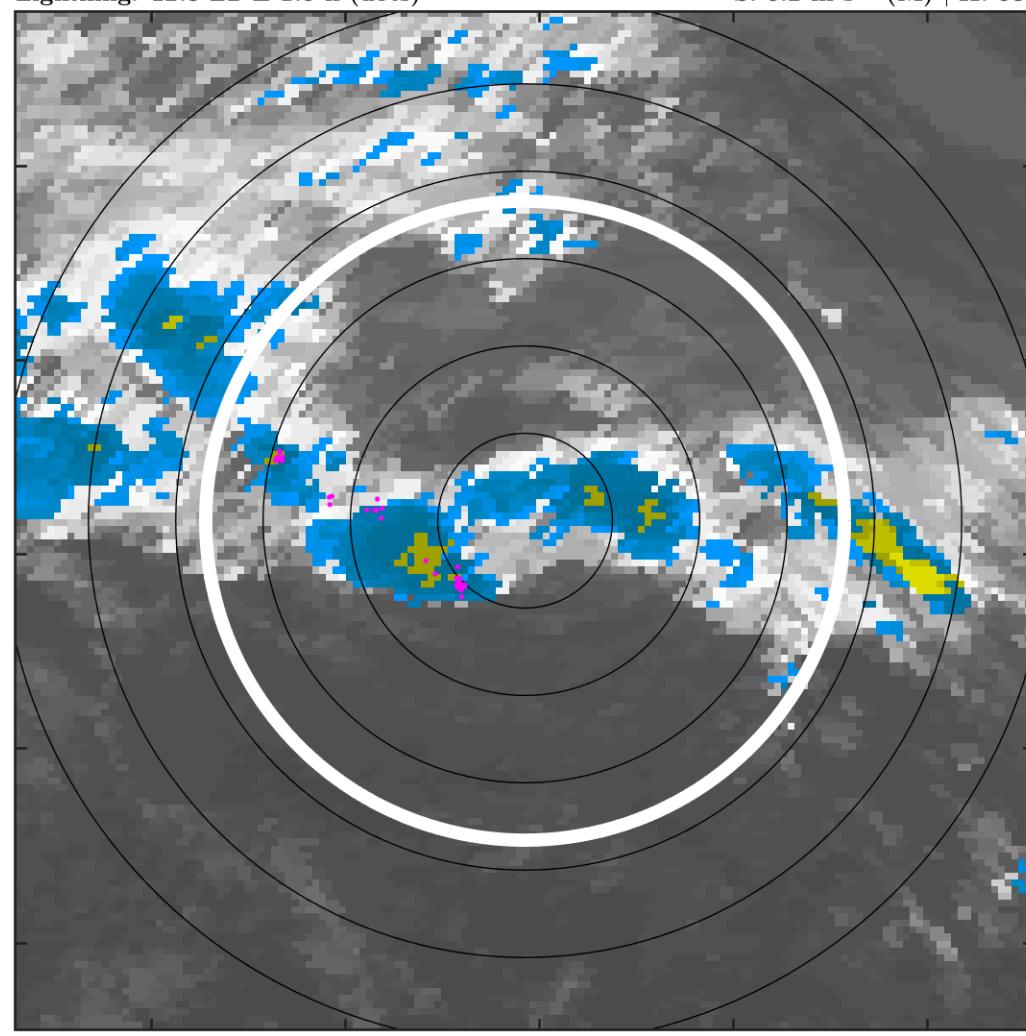
34

32

-44

-42

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042015 (12.3 LT) - 2017042009 (6.4 LT)

Lightning: 12.3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 37.5 kt TS

S: 5.2 m s⁻¹ (M) | H: 63°

Latitude

40

20

0

-20

-40

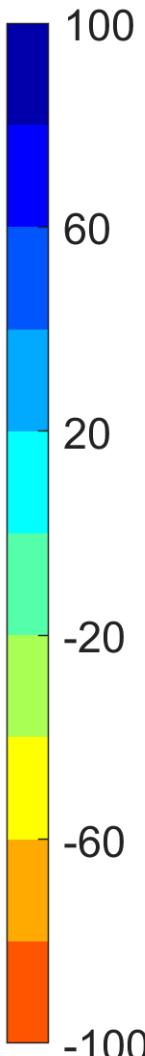
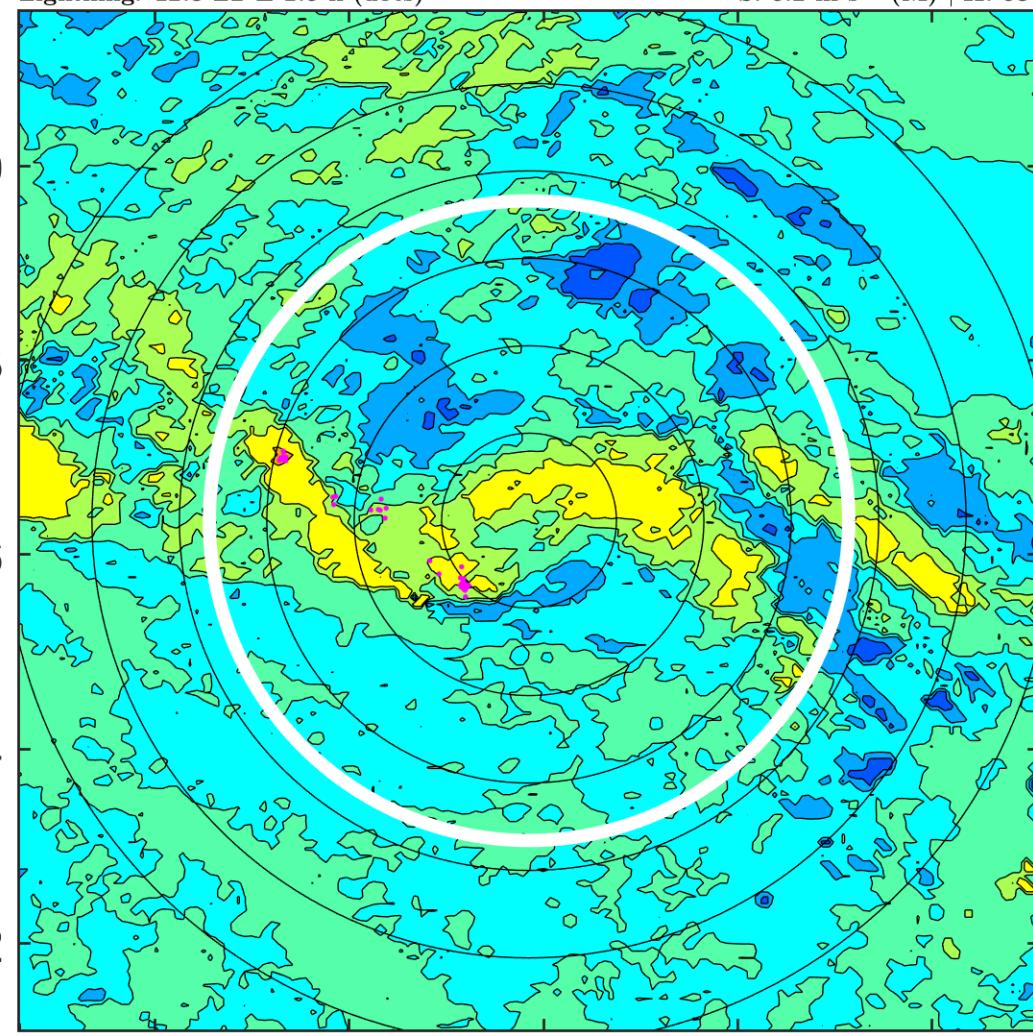
-60

-80

-44

-42

Longitude



IR BT & Lightning

t: 2017042018 (15.3 LT)

Lightning: 15.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 40 kt TS

S: 2.2 m s⁻¹ (L) | H: 39°

Latitude

42

40

38

36

34

-44

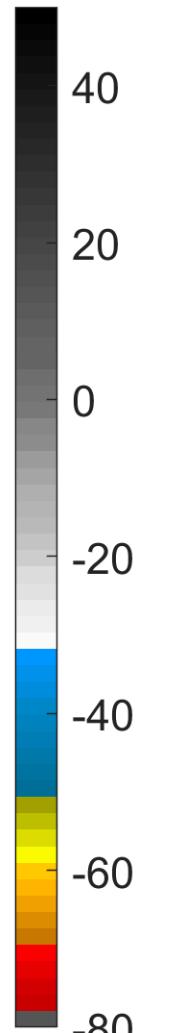
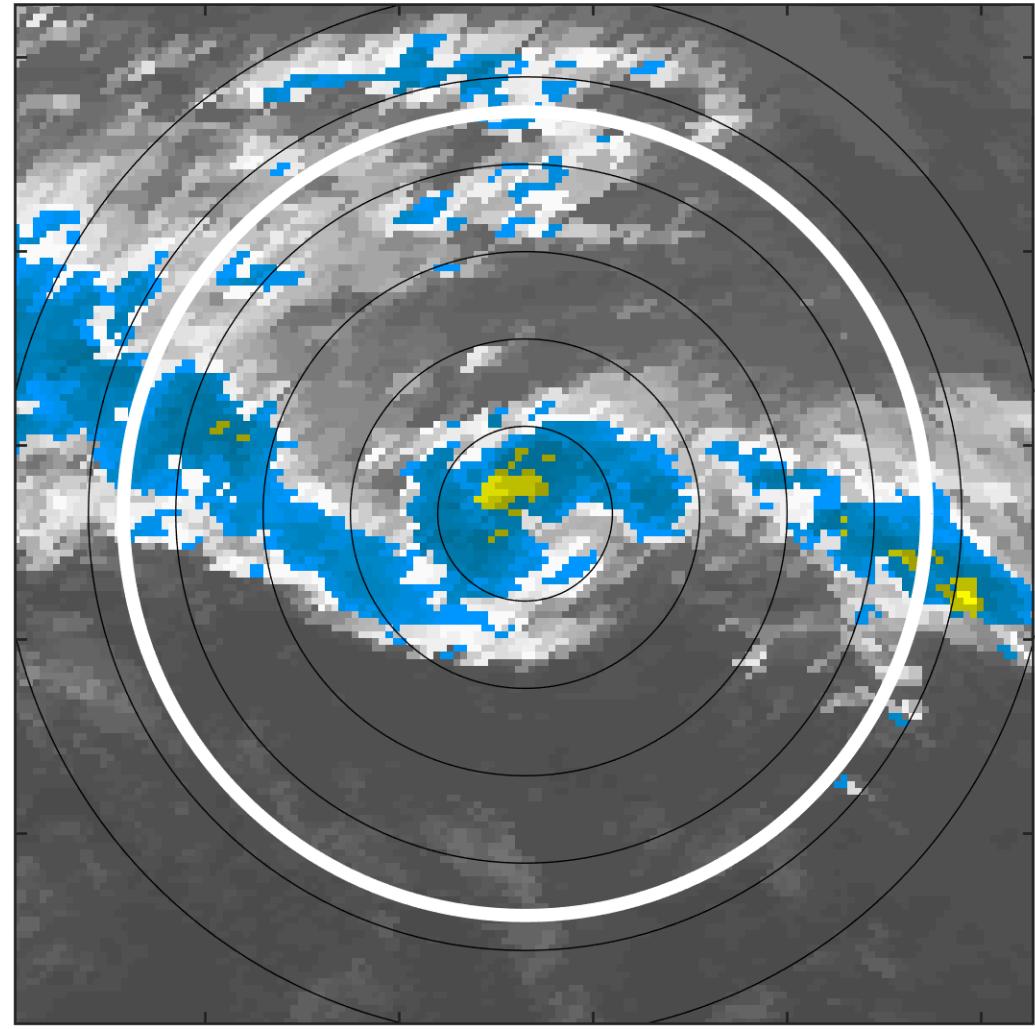
-42

-40

-38

-36

Longitude



6-h IR BT Differences & Lightning

Δt : 2017042018 (15.3 LT) - 2017042012 (9.4 LT)

Lightning: 15.3 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 40 kt TS

S: 2.2 m s⁻¹ (L) | H: 39°

Latitude

42

40

38

36

34

-44

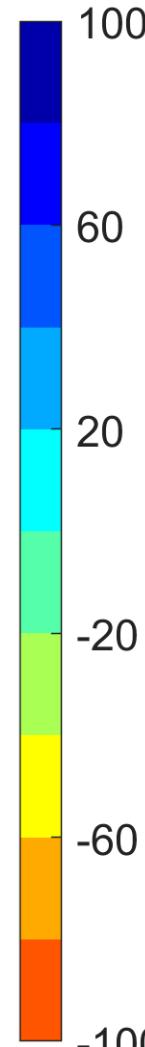
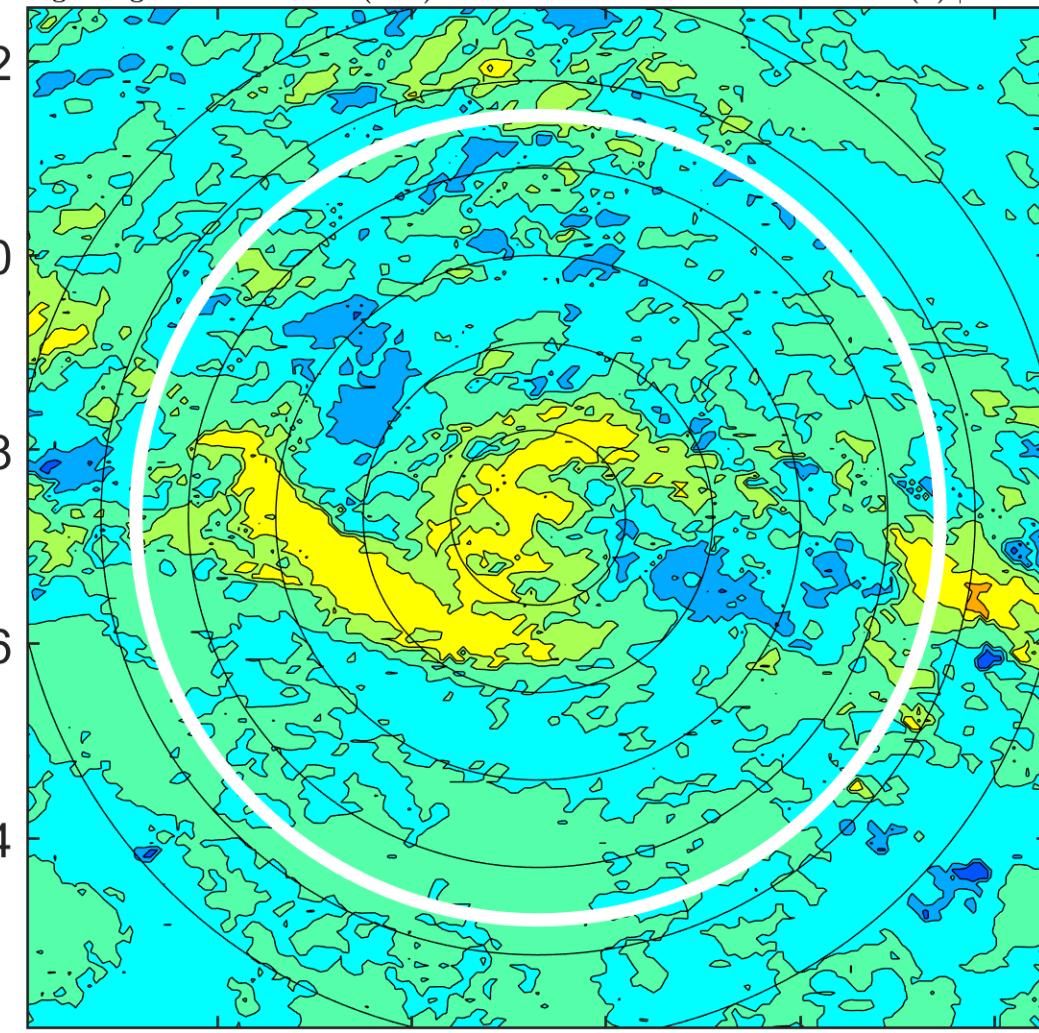
-42

-40

-38

-36

Longitude



IR BT & Lightning

t: 2017042021 (18.2 LT)

Lightning: 18.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 42.5 kt TS

S: 3 m s⁻¹ (L) | H: 68°

Latitude

42

40

38

36

34

-46

-44

-42

-40

-38

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042021 (18.2 LT) - 2017042015 (12.3 LT)

Lightning: 18.2 LT \pm 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 42.5 kt TS

S: 3 m s⁻¹ (L) | H: 68°

Latitude

42

40

38

36

34

-46

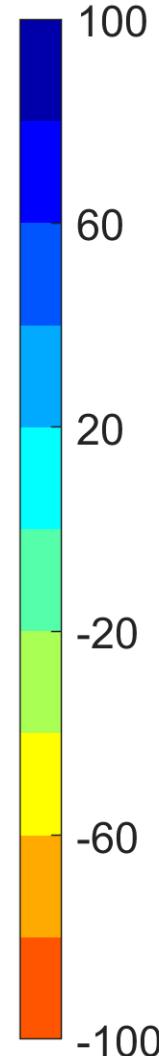
-44

-42

-40

-38

Longitude



IR BT & Lightning

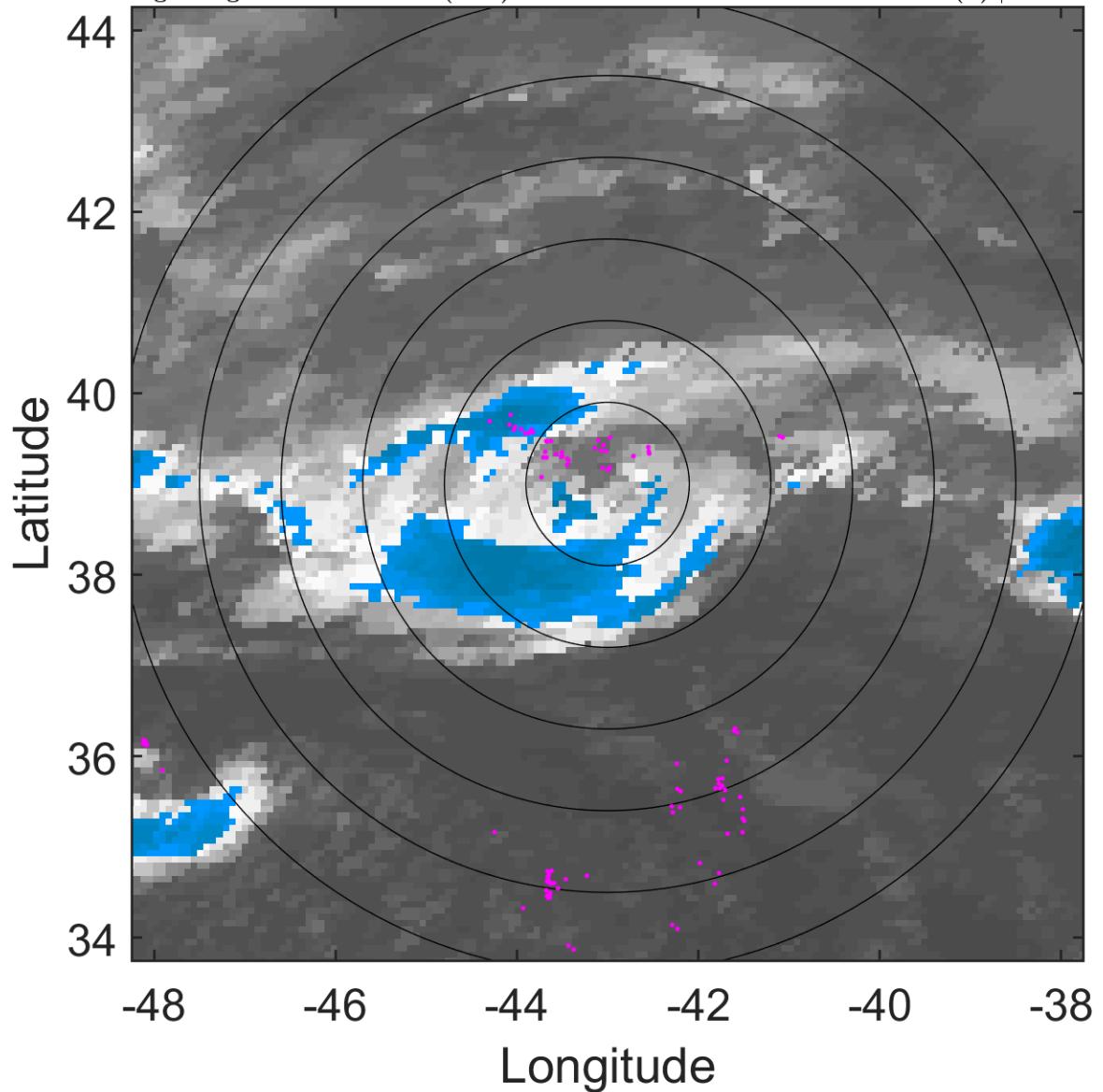
t: 2017042100 (21.1 LT)

Lightning: 21.1 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 45 kt TS

S: 3.8 m s^{-1} (L) | H: 97°



6-h IR BT Differences & Lightning

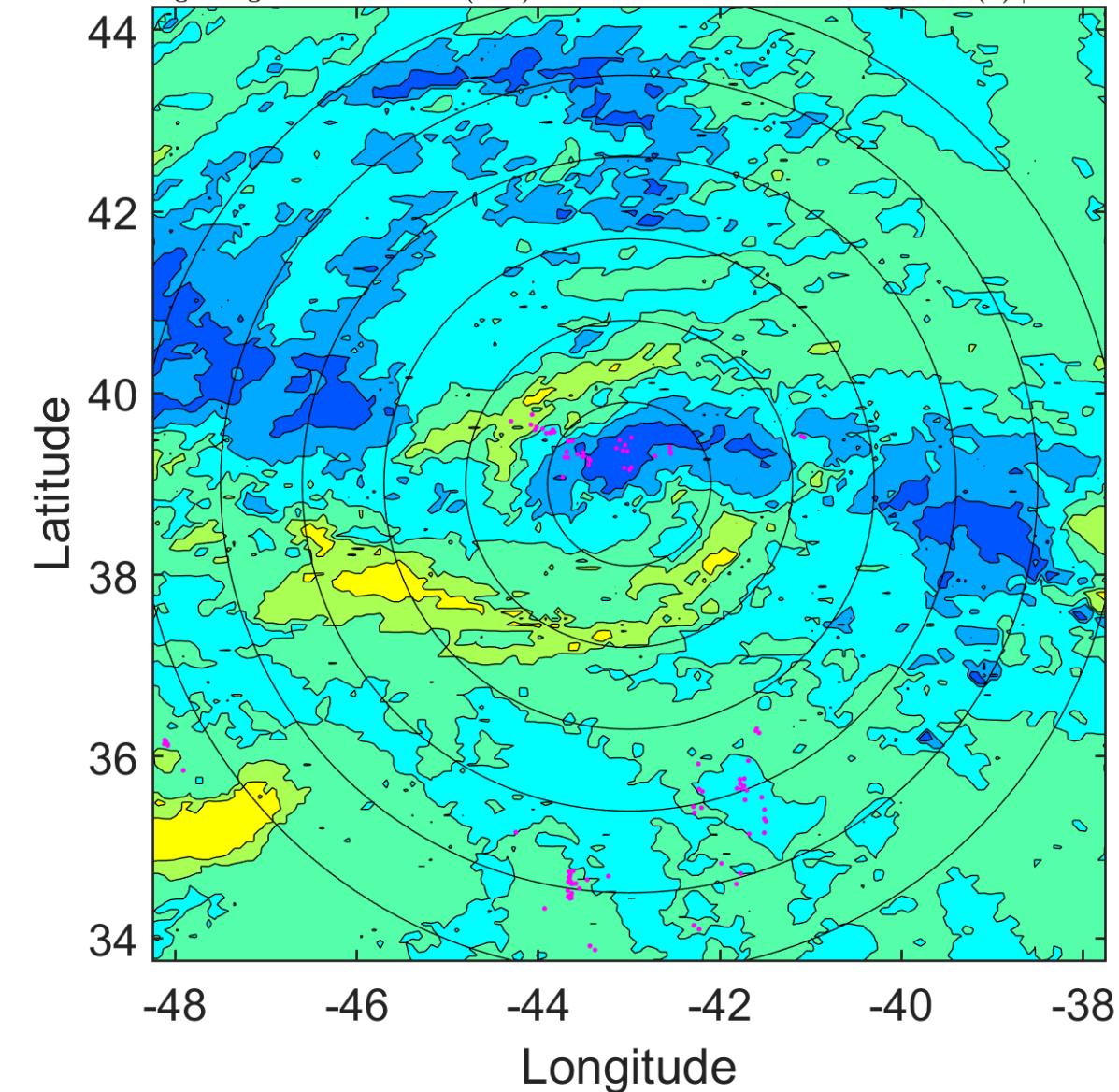
Δt: 2017042100 (21.1 LT) - 2017042018 (15.3 LT)

Lightning: 21.1 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

01L (ARLENE) | 45 kt TS

S: 3.8 m s^{-1} (L) | H: 97°



IR BT & Lightning

t: 2017042103 (0 LT)

Lightning: 0 LT \pm 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt TS

S: 4.3 m s^{-1} (L) | H: 108°

Latitude

44

42

40

38

36

-48

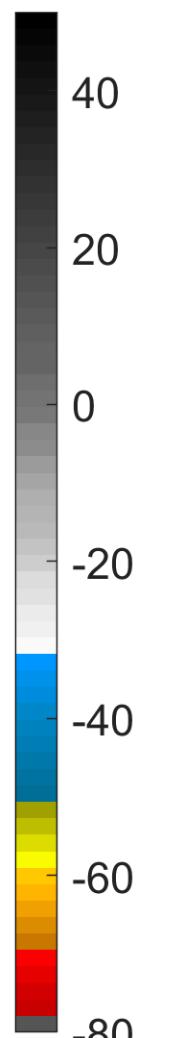
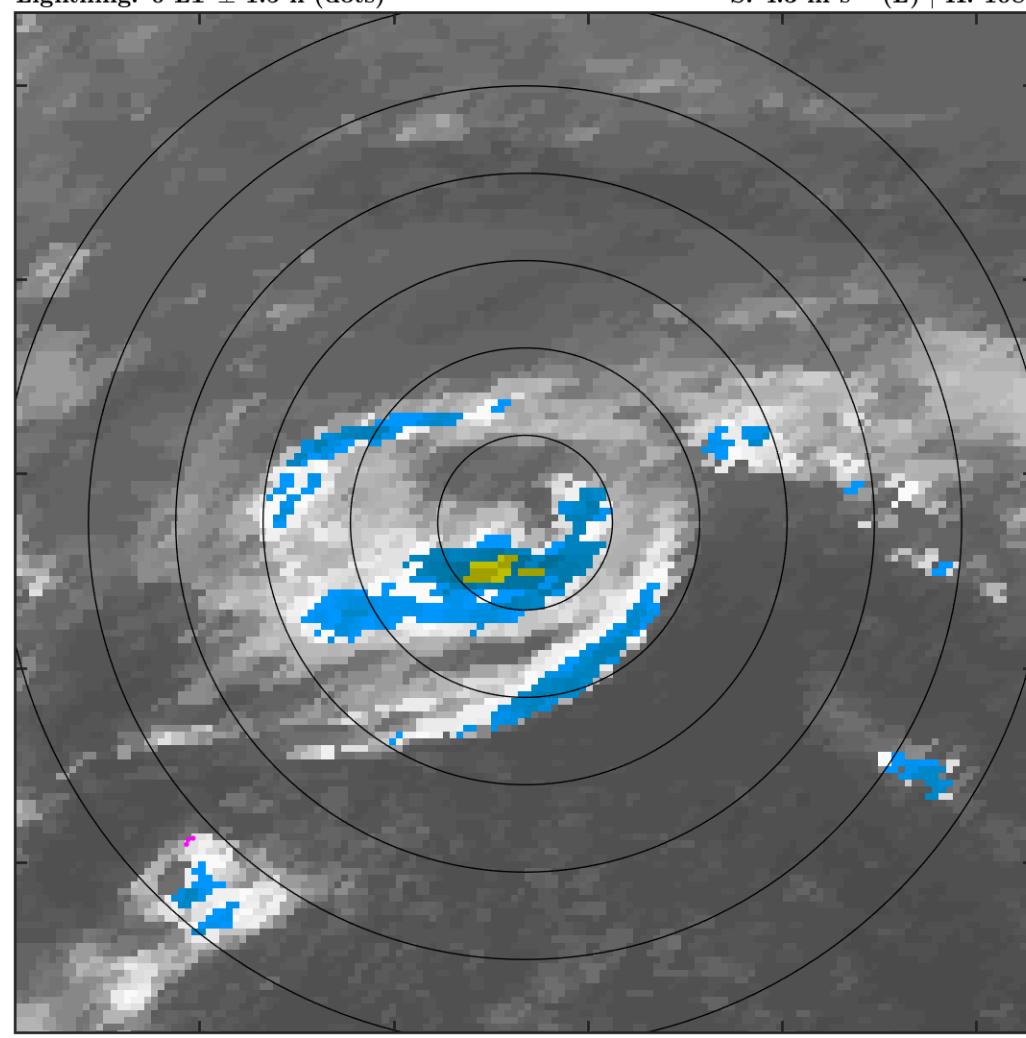
-46

-44

-42

-40

Longitude



6-h IR BT Differences & Lightning

Δt : 2017042103 (0 LT) - 2017042021 (18.2 LT)

Lightning: 0 LT \pm 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt TS

S: 4.3 m s^{-1} (L) | H: 108°

Latitude

44

42

40

38

36

-48

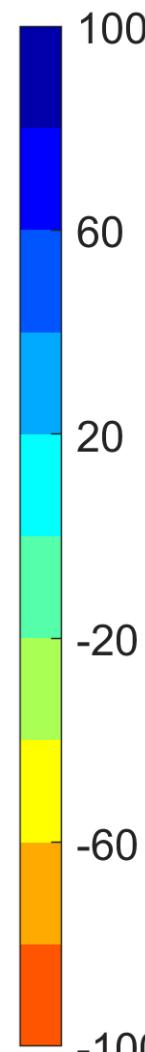
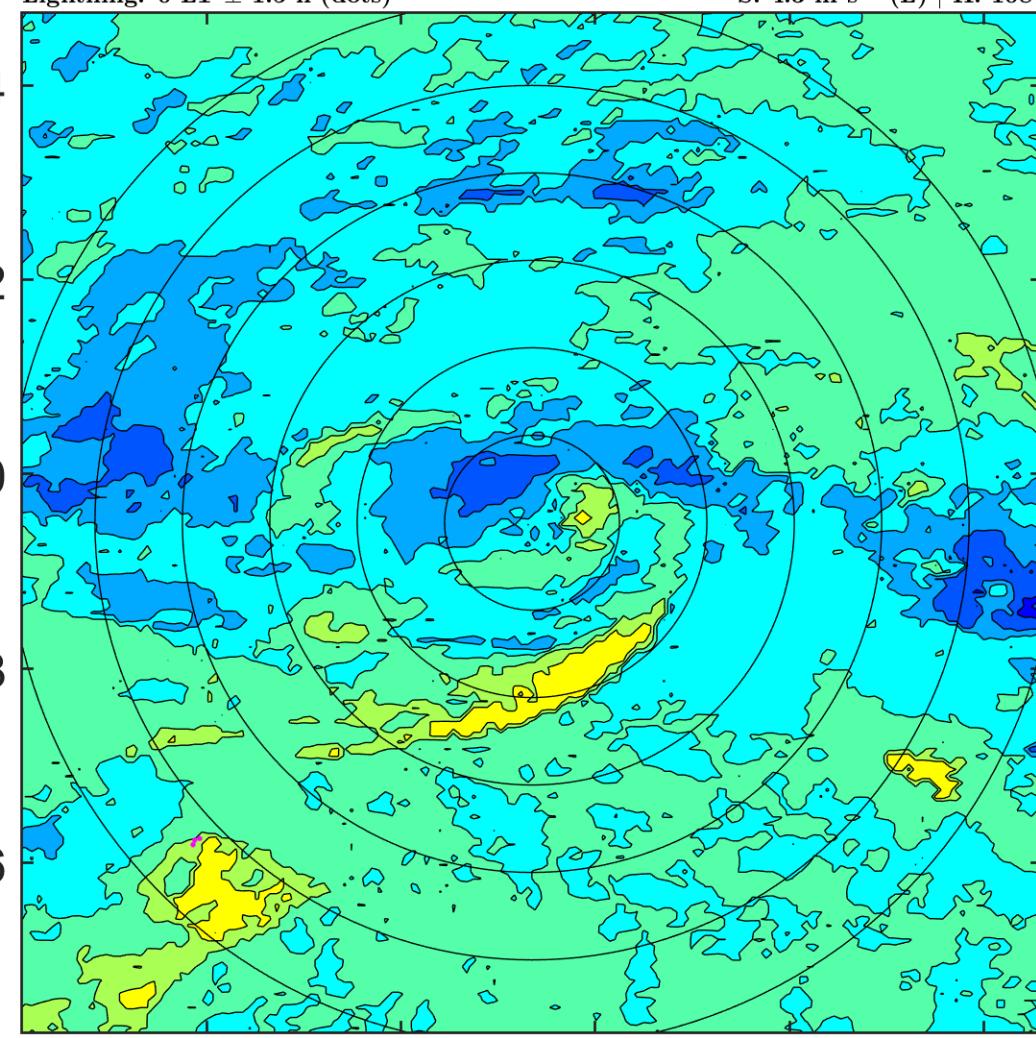
-46

-44

-42

-40

Longitude



IR BT & Lightning

t: 2017042106 (2.9 LT)

Lightning: 2.9 LT \pm 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt TS

S: 4.8 m s⁻¹ (M) | H: 119°

Latitude

44

42

40

38

36

-50

-48

Longitude



6-h IR BT Differences & Lightning

Δt : 2017042106 (2.9 LT) - 2017042100 (21.1 LT)

Lightning: 2.9 LT \pm 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt TS

S: 4.8 m s⁻¹ (M) | H: 119°

Latitude

44

42

40

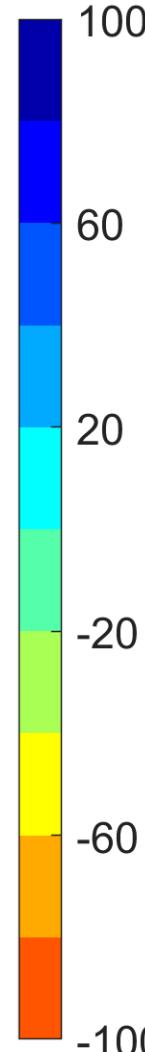
38

36

-50

-48

Longitude



IR BT & Lightning

t: 2017042109 (5.8 LT)

Lightning: 5.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt TS

S: null | H: null

Latitude

44

42

40

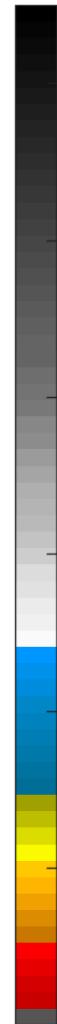
38

36

-52

-50

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042109 (5.8 LT) - 2017042103 (0 LT)

Lightning: 5.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt TS

S: null | H: null

Latitude

44

42

40

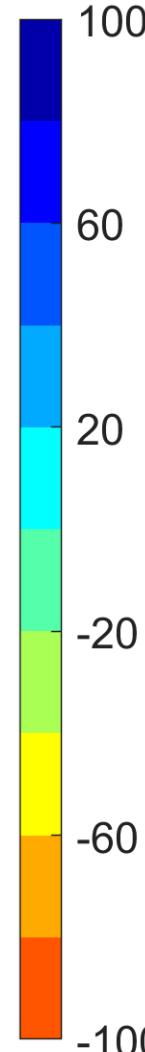
38

36

-52

-50

Longitude



IR BT & Lightning

t: 2017042112 (8.7 LT)

Lightning: 8.7 LT \pm 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt EX

S: null | H: null

Latitude

44

42

40

38

36

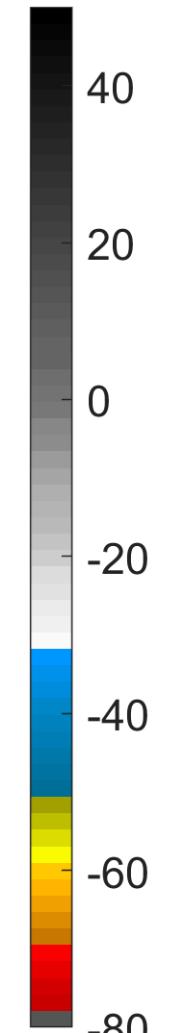
-54

-52

-50 -48

-46

Longitude



6-h IR BT Differences & Lightning

Δt : 2017042112 (8.7 LT) - 2017042106 (2.9 LT)

Lightning: 8.7 LT \pm 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 45 kt EX

S: null | H: null

Latitude

44

20

0

-20

-40

-60

-80

-54

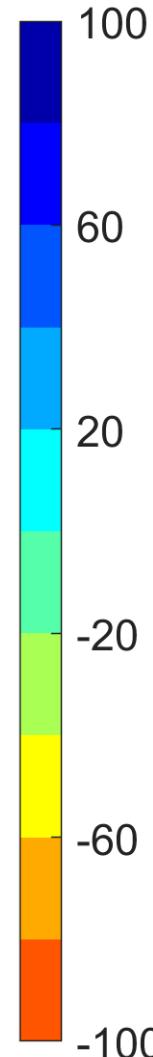
-52

-50

-48

-46

Longitude



IR BT & Lightning

t: 2017042115 (11.7 LT)

Lightning: 11.7 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 42.5 kt EX

S: null | H: null

Latitude

44

42

40

38

36

34

-54

-52

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042115 (11.7 LT) - 2017042109 (5.8 LT)

Lightning: 11.7 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 42.5 kt EX

S: null | H: null

Latitude

44

42

40

38

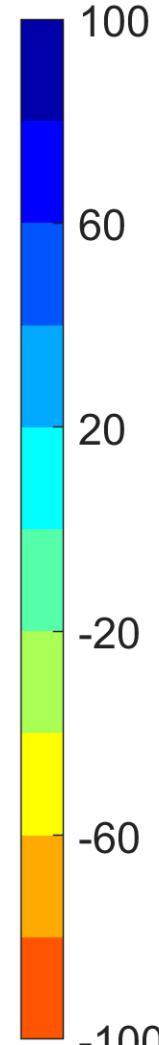
36

34

-54

-52

Longitude



IR BT & Lightning

t: 2017042118 (14.6 LT)

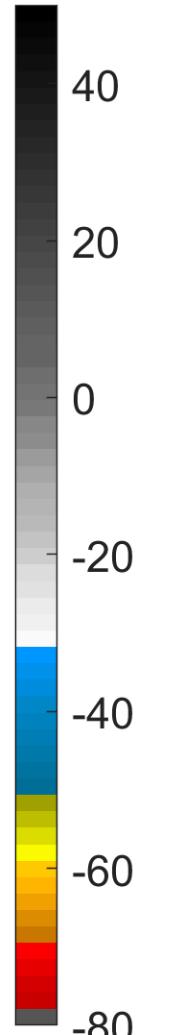
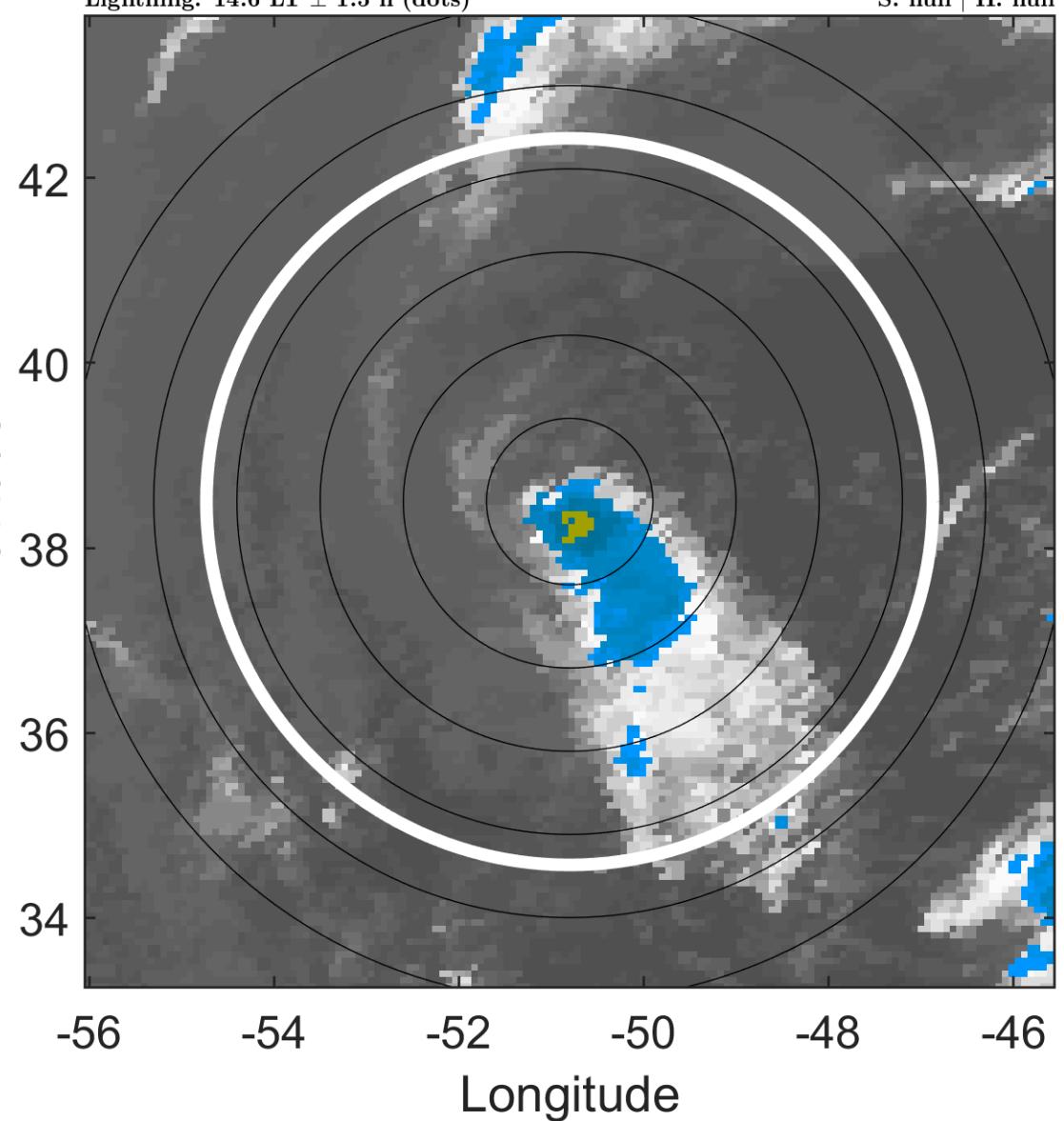
Lightning: 14.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude



6-h IR BT Differences & Lightning

Δt: 2017042118 (14.6 LT) - 2017042112 (8.7 LT)

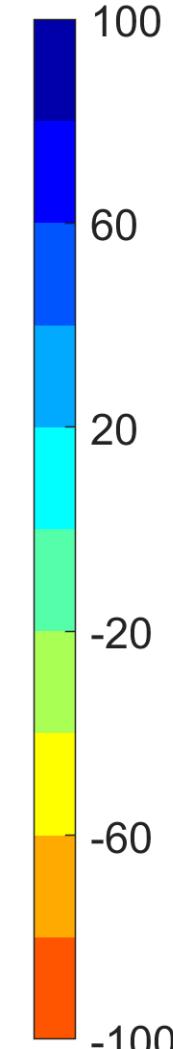
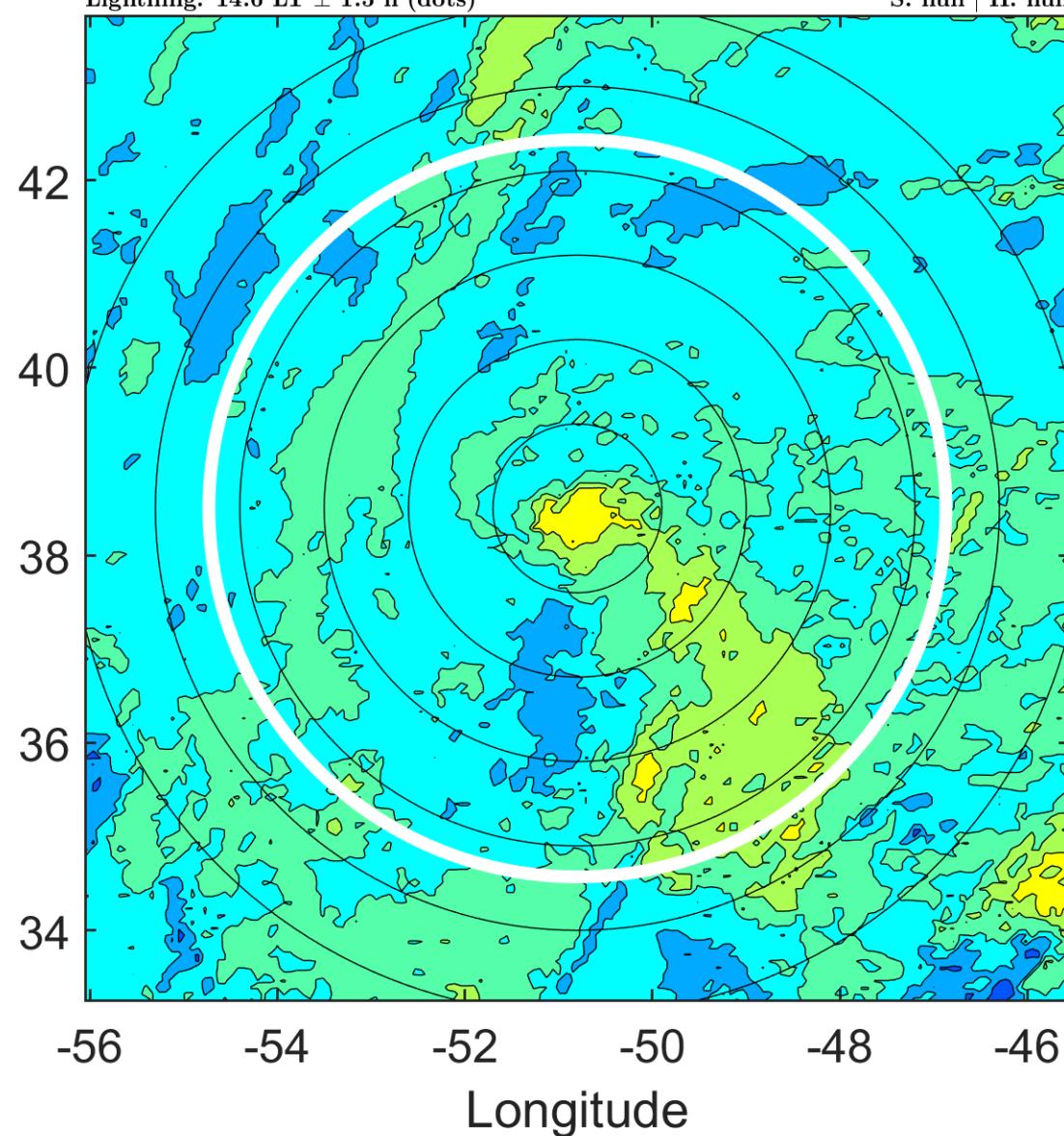
Lightning: 14.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude



IR BT & Lightning

t: 2017042121 (17.6 LT)

Lightning: 17.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-56

-54

-52 -50

-48

-46

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042121 (17.6 LT) - 2017042115 (11.7 LT)

Lightning: 17.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

42

20

0

-20

-40

-60

-80

-56

-54

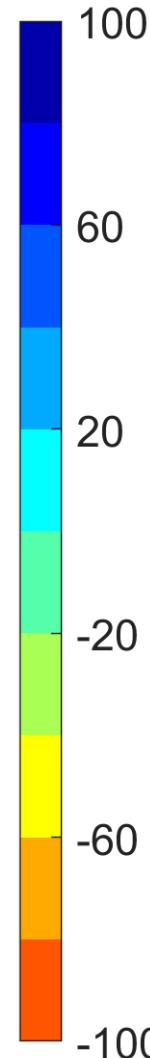
-52

-50

-48

-46

Longitude



IR BT & Lightning

t: 2017042200 (20.6 LT)

Lightning: 20.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

40

38

36

34

32

-56

-54

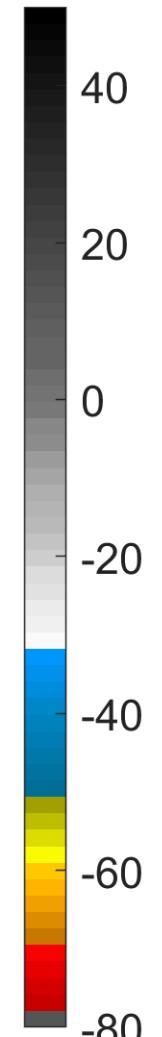
-52

-50

-48

-46

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042200 (20.6 LT) - 2017042118 (14.6 LT)

Lightning: 20.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

40

38

36

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-56

-54

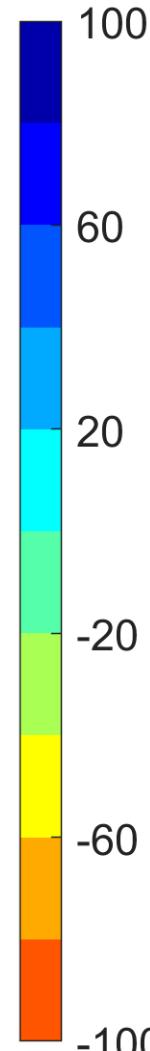
-52

-50

-48

-46

Longitude



IR BT & Lightning

t: 2017042203 (23.6 LT)

Lightning: 23.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

40

38

36

34

32

-54

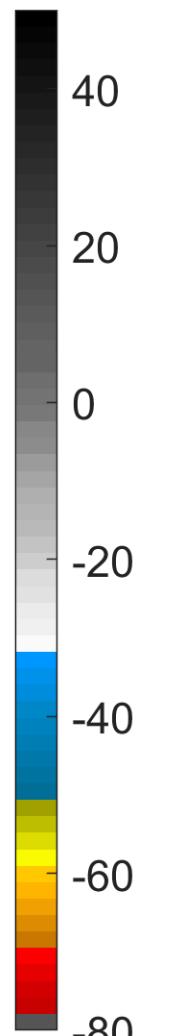
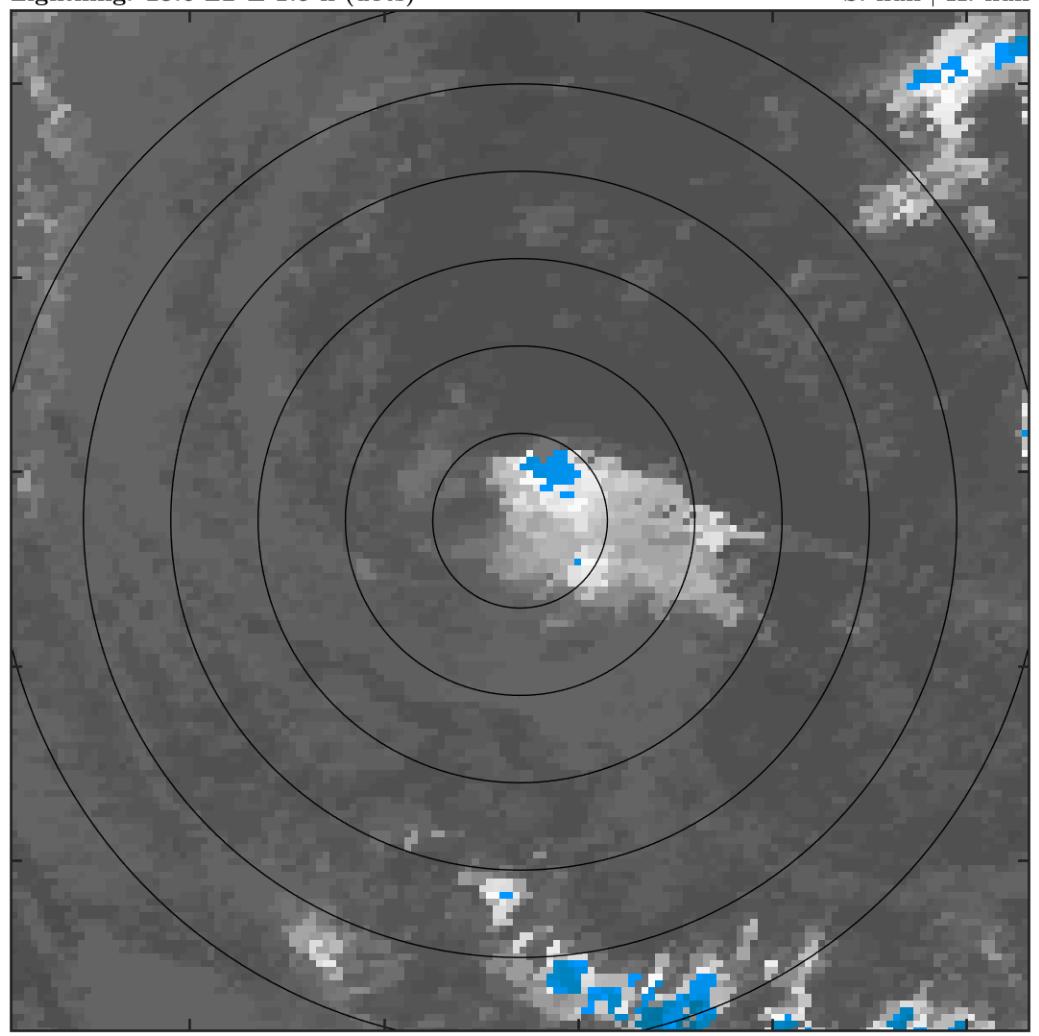
-52

-50

-48

-46

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042203 (23.6 LT) - 2017042121 (17.6 LT)

Lightning: 23.6 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

01L (ARLENE) | 40 kt EX

S: null | H: null

Latitude

40

38

36

34

32

-54

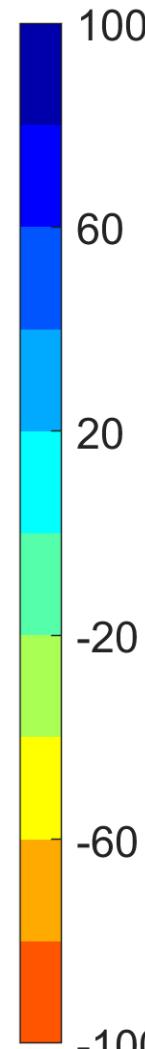
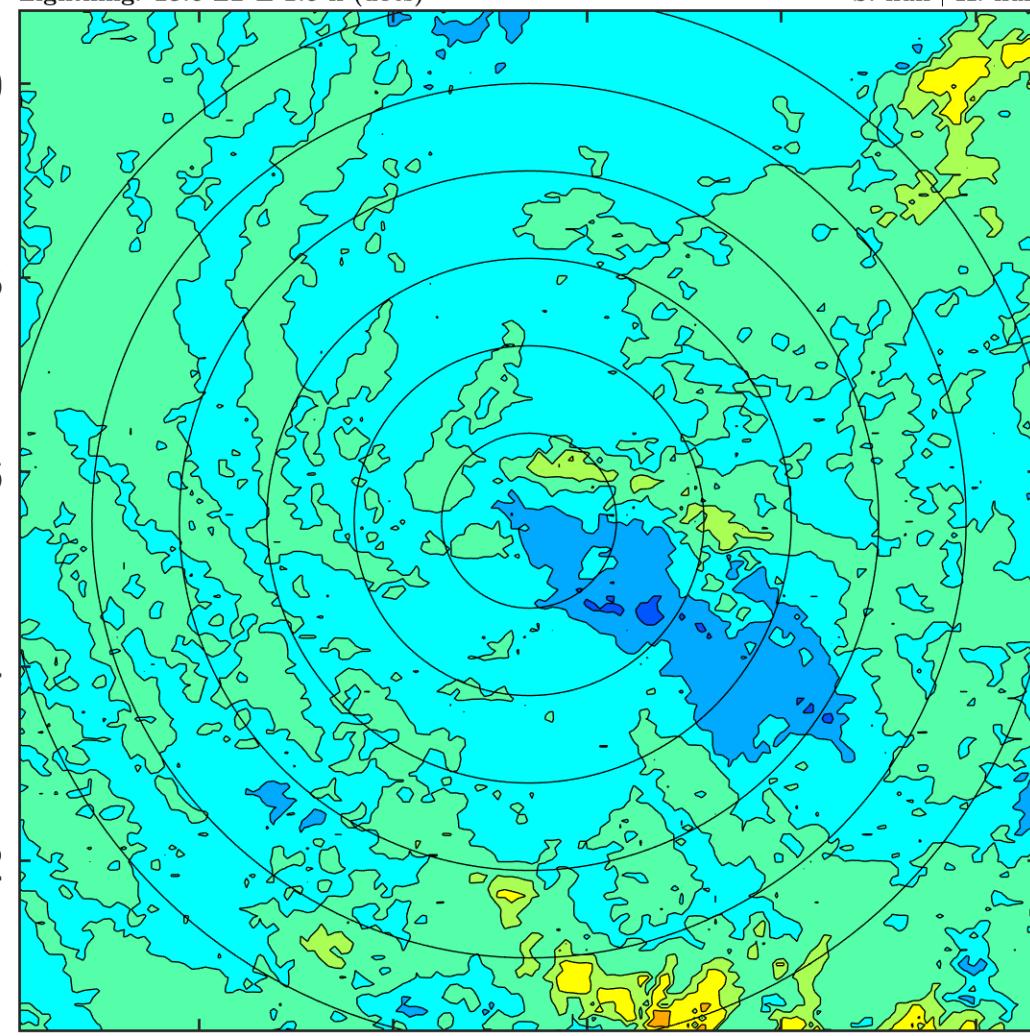
-52

-50

-48

-46

Longitude



IR BT & Lightning

t: 2017042206 (2.7 LT)

Lightning: 2.7 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 40 kt EX

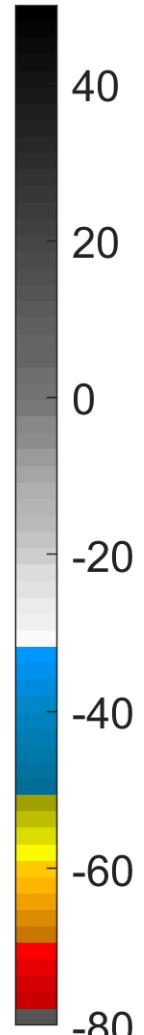
S: null | H: null

Latitude

38
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32
30

-54 -52 -50 -48 -46

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042206 (2.7 LT) - 2017042200 (20.6 LT)

Lightning: 2.7 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 40 kt EX

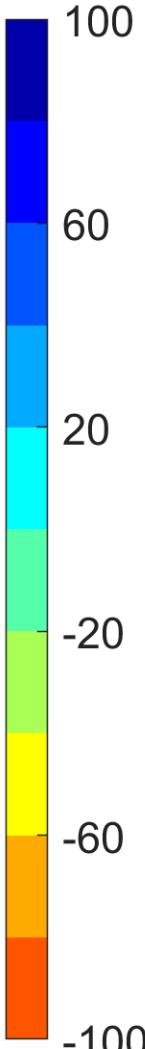
S: null | H: null

Latitude

38
36
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32
30

-54 -52 -50 -48 -46

Longitude



IR BT & Lightning

t: 2017042209 (5.7 LT)

Lightning: 5.7 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 37.5 kt EX

S: null | H: null

Latitude

38

36

34

32

30

-54

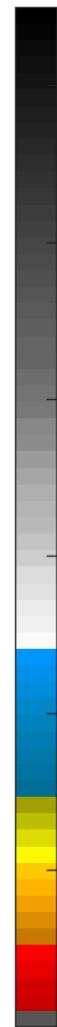
-52

-50

-48

-46

Longitude



40

20

0

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-40

-60

-80

6-h IR BT Differences & Lightning

Δt: 2017042209 (5.7 LT) - 2017042203 (23.6 LT)

Lightning: 5.7 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 37.5 kt EX

S: null | H: null

Latitude

38

36

34

32

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-54

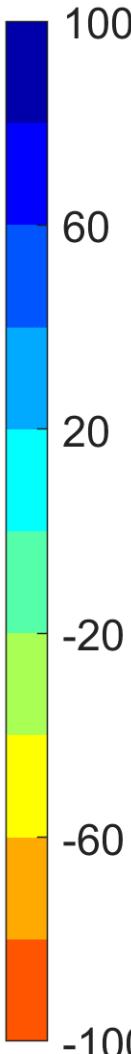
-52

-50

-48

-46

Longitude



IR BT & Lightning

t: 2017042212 (8.8 LT)

Lightning: 8.8 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

38

36

34

32

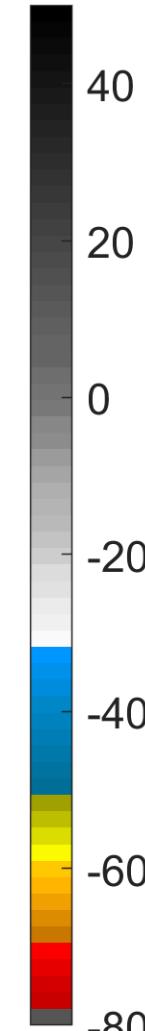
30

28

-52

-50

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042212 (8.8 LT) - 2017042206 (2.7 LT)

Lightning: 8.8 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 35 kt EX

S: null | H: null

Latitude

38

36

34

32

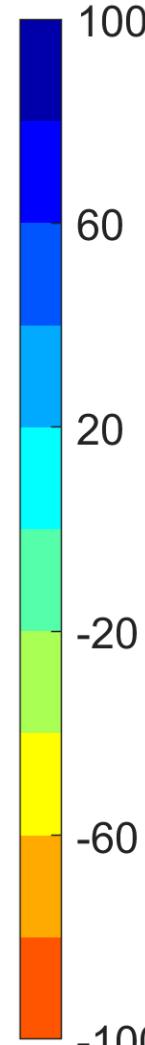
30

28

-52

-50

Longitude



IR BT & Lightning

t: 2017042215 (11.8 LT)

Lightning: 11.8 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 32.5 kt EX

S: null | H: null

Latitude

36

34

32

30

28

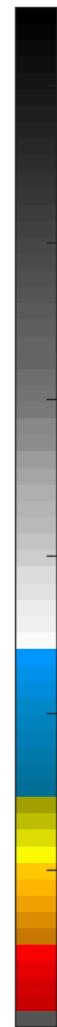
-52

-50

-48 -46

-44

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042215 (11.8 LT) - 2017042209 (5.7 LT)

Lightning: 11.8 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 32.5 kt EX

S: null | H: null

Latitude

36

34

32

30

28

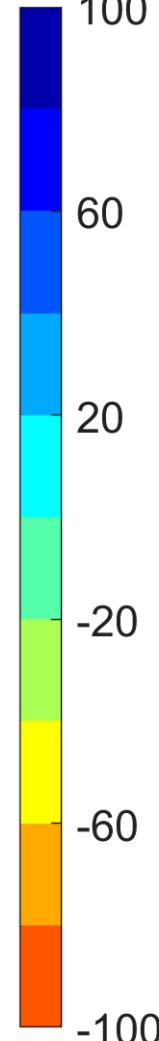
-52

-50

-48 -46

-44

Longitude



IR BT & Lightning

t: 2017042218 (14.9 LT)

Lightning: 14.9 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 30 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-50

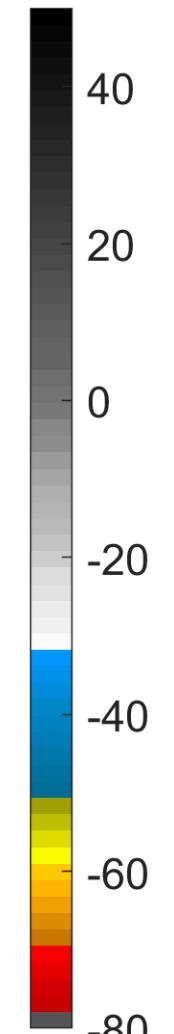
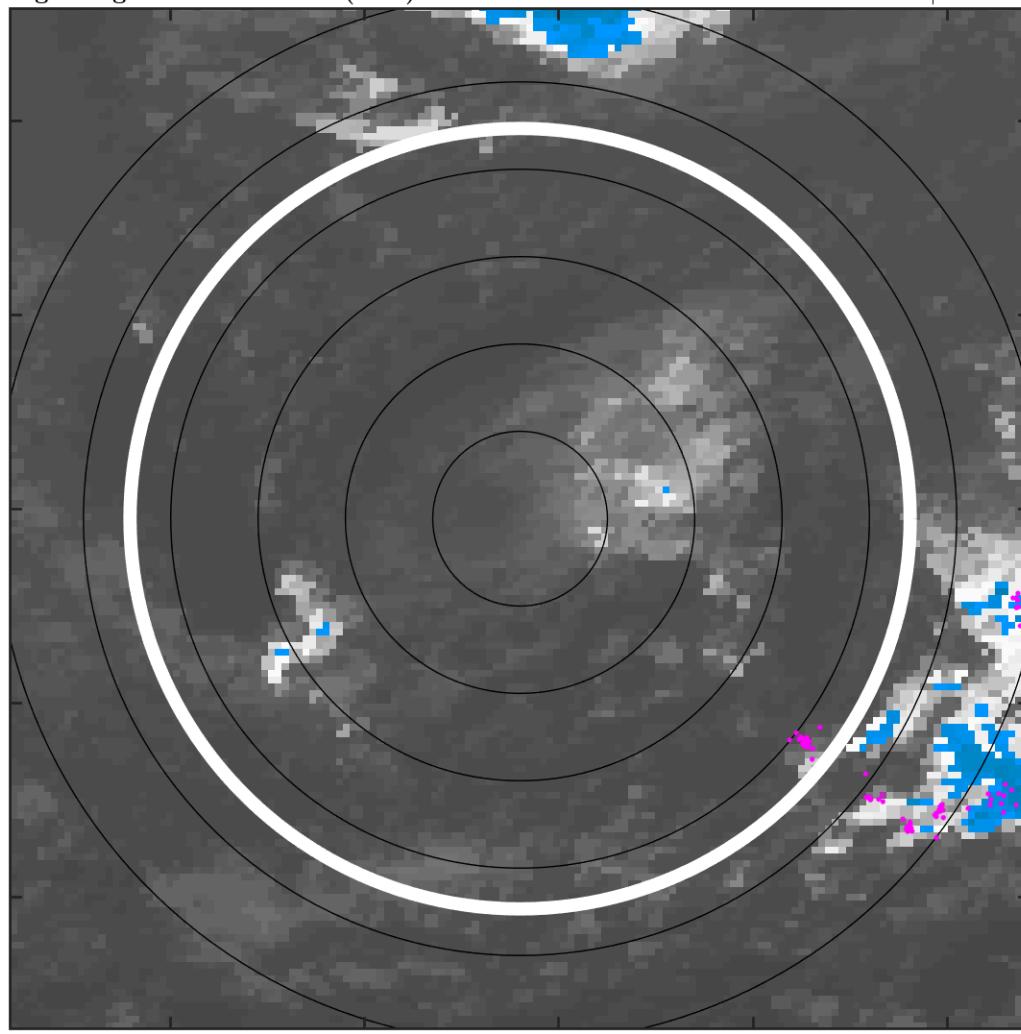
-48

-46

-44

-42

Longitude



6-h IR BT Differences & Lightning

Δt: 2017042218 (14.9 LT) - 2017042212 (8.8 LT)

Lightning: 14.9 LT ± 1.5 h (dots)

PT: NP | EA: INACT

01L (ARLENE) | 30 kt EX

S: null | H: null

Latitude

36

34

32

30

28

-50

-48

-46

-44

-42

Longitude

