

### IR BT & Lightning

t: 2005100812 (8.1 LT)

Lightning: 8.1 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 30 kt SD

S: 3.7 m s<sup>-1</sup> (L) | H: 359°

Latitude

32

30

28

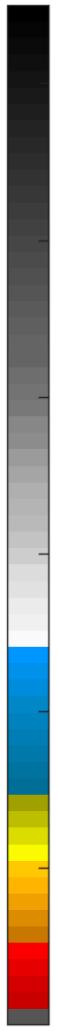
26

24

-62

-60

-58  
Longitude



### 6-h IR BT Differences & Lightning

$\Delta t$ : 2005100812 (8.1 LT) - 2005100806 (2.2 LT)

Lightning: 8.1 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 30 kt SD

S: 3.7 m s<sup>-1</sup> (L) | H: 359°

Latitude

32

30

28

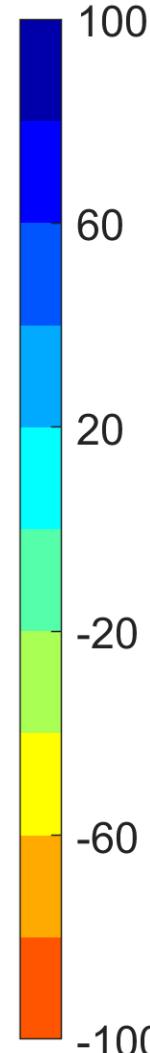
26

24

-62

-60

-58  
Longitude



### IR BT & Lightning

t: 2005100815 (11 LT)  
Lightning: 11 LT ± 1.5 h (dots)

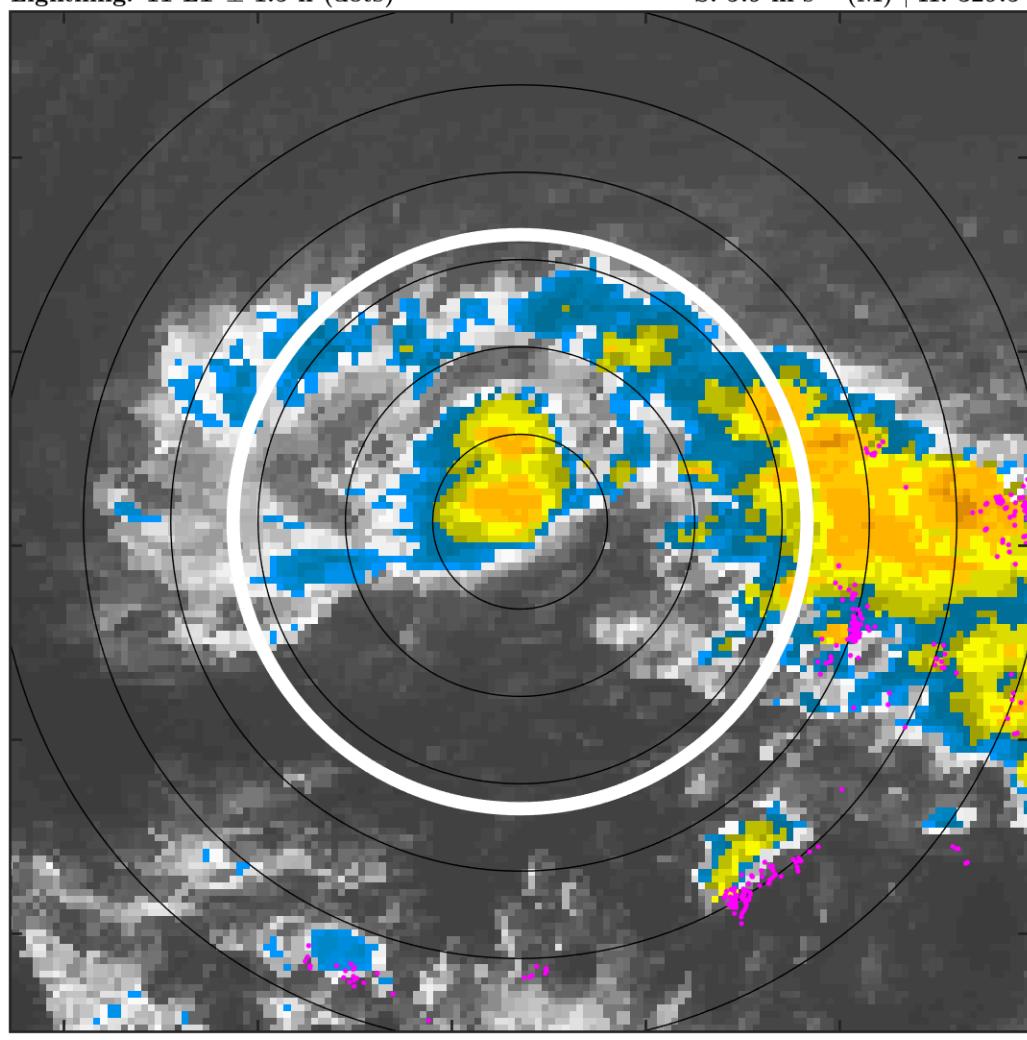
PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 30 kt SD  
S:  $5.9 \text{ m s}^{-1}$  (M) | H: 329.5°

Latitude

32  
30  
28  
26  
24

-64 -62 -60 -58 -56

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005100815 (11 LT) - 2005100809 (5.1 LT)  
Lightning: 11 LT ± 1.5 h (dots)

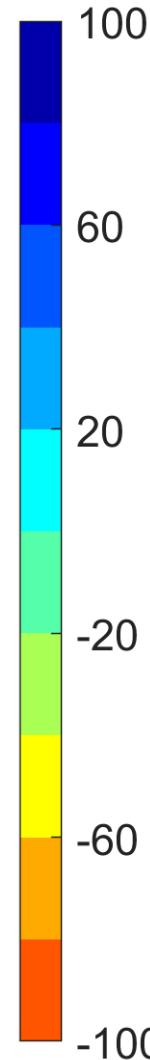
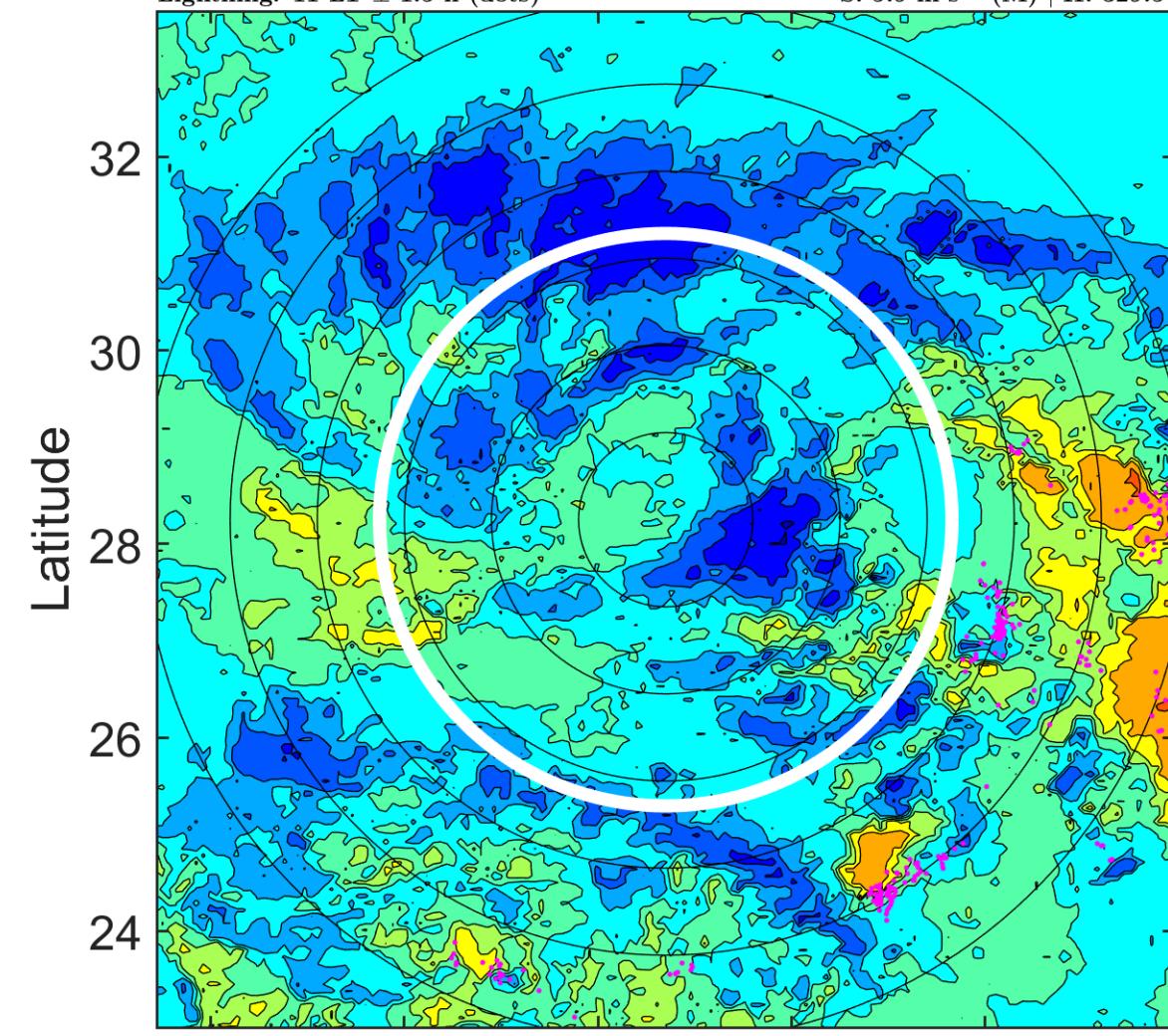
PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 30 kt SD  
S:  $5.9 \text{ m s}^{-1}$  (M) | H: 329.5°

Latitude

32  
30  
28  
26  
24

-64 -62 -60 -58 -56

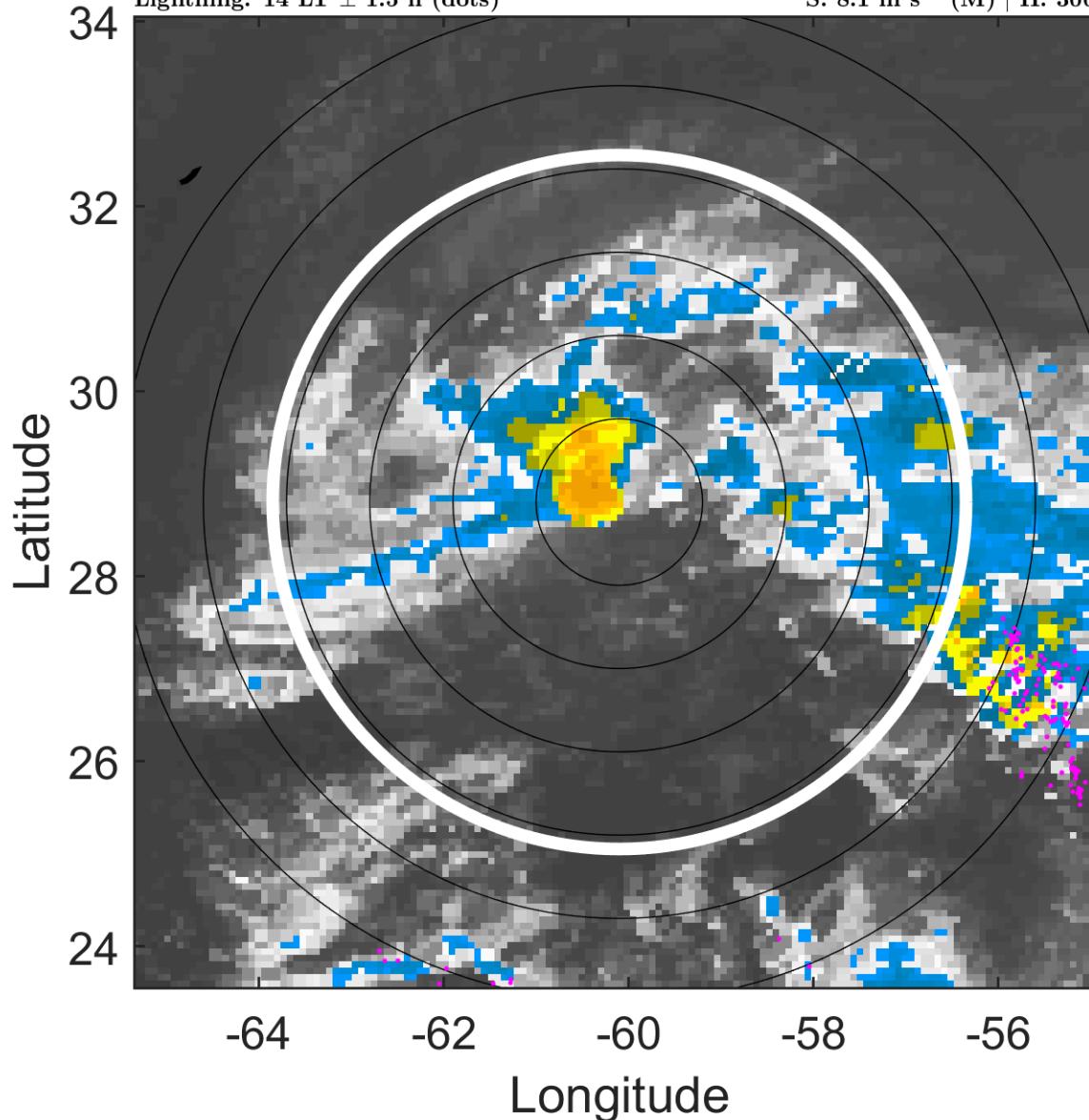
Longitude



### IR BT & Lightning

t: 2005100818 (14 LT)  
Lightning: 14 LT ± 1.5 h (dots)

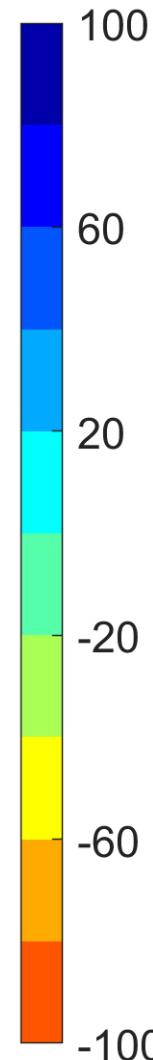
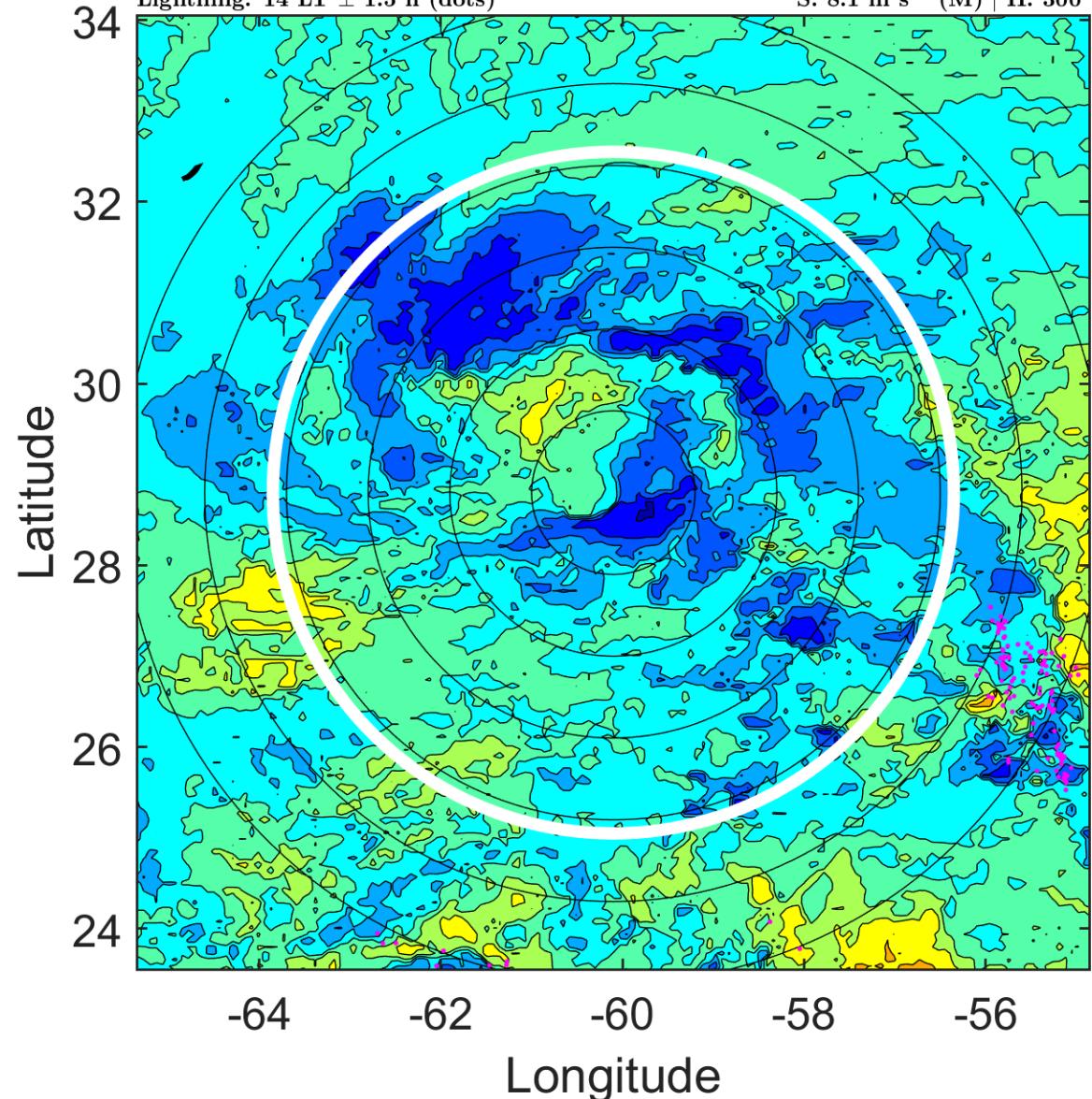
PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 30 kt SD  
S: 8.1 m s<sup>-1</sup> (M) | H: 300°



### 6-h IR BT Differences & Lightning

Δt: 2005100818 (14 LT) - 2005100812 (8.1 LT)  
Lightning: 14 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 30 kt SD  
S: 8.1 m s<sup>-1</sup> (M) | H: 300°



### IR BT & Lightning

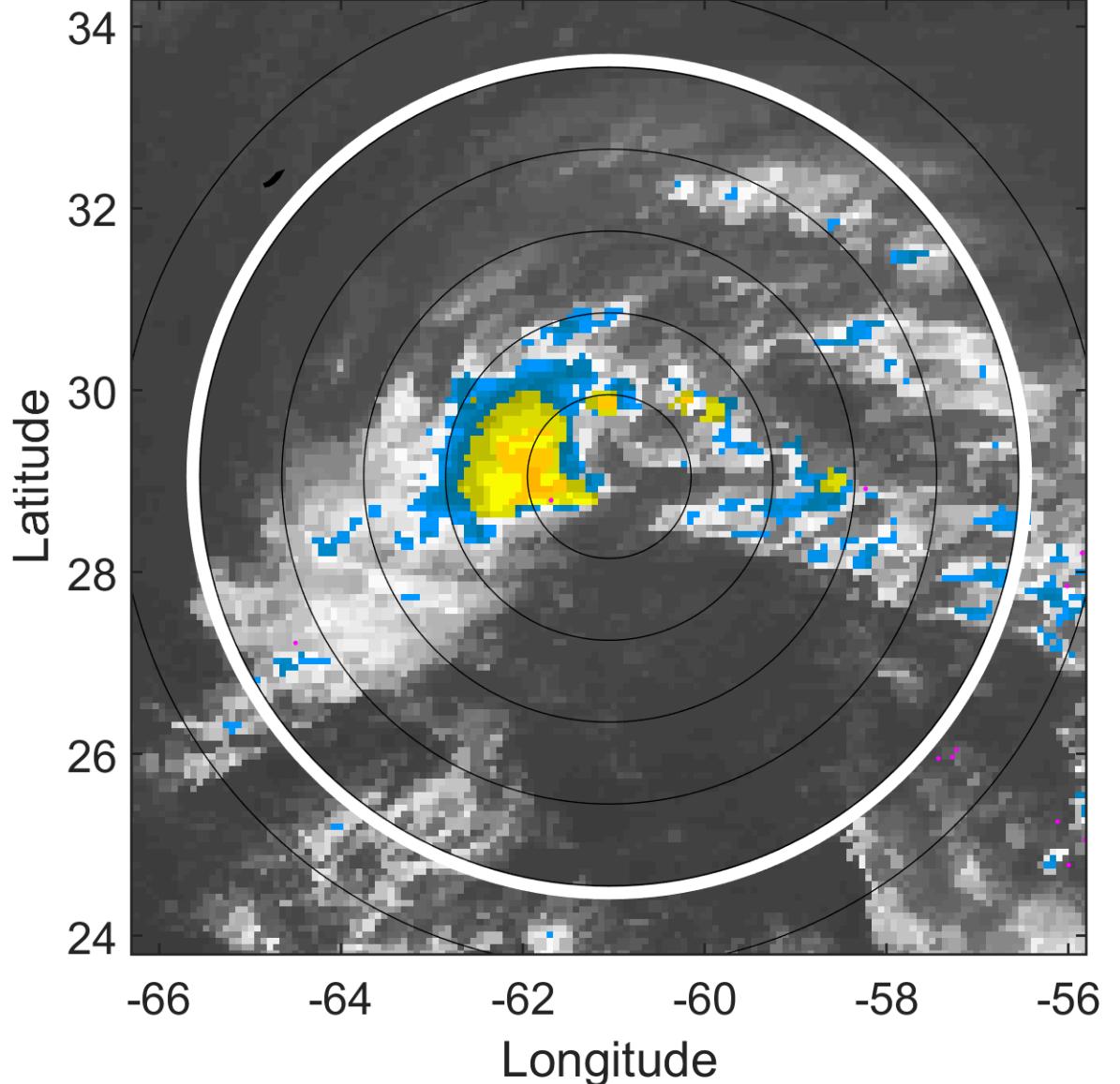
t: 2005100821 (16.9 LT)

Lightning: 16.9 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 27.5 kt SD

S: 7.3 m s<sup>-1</sup> (M) | H: 276°



### 6-h IR BT Differences & Lightning

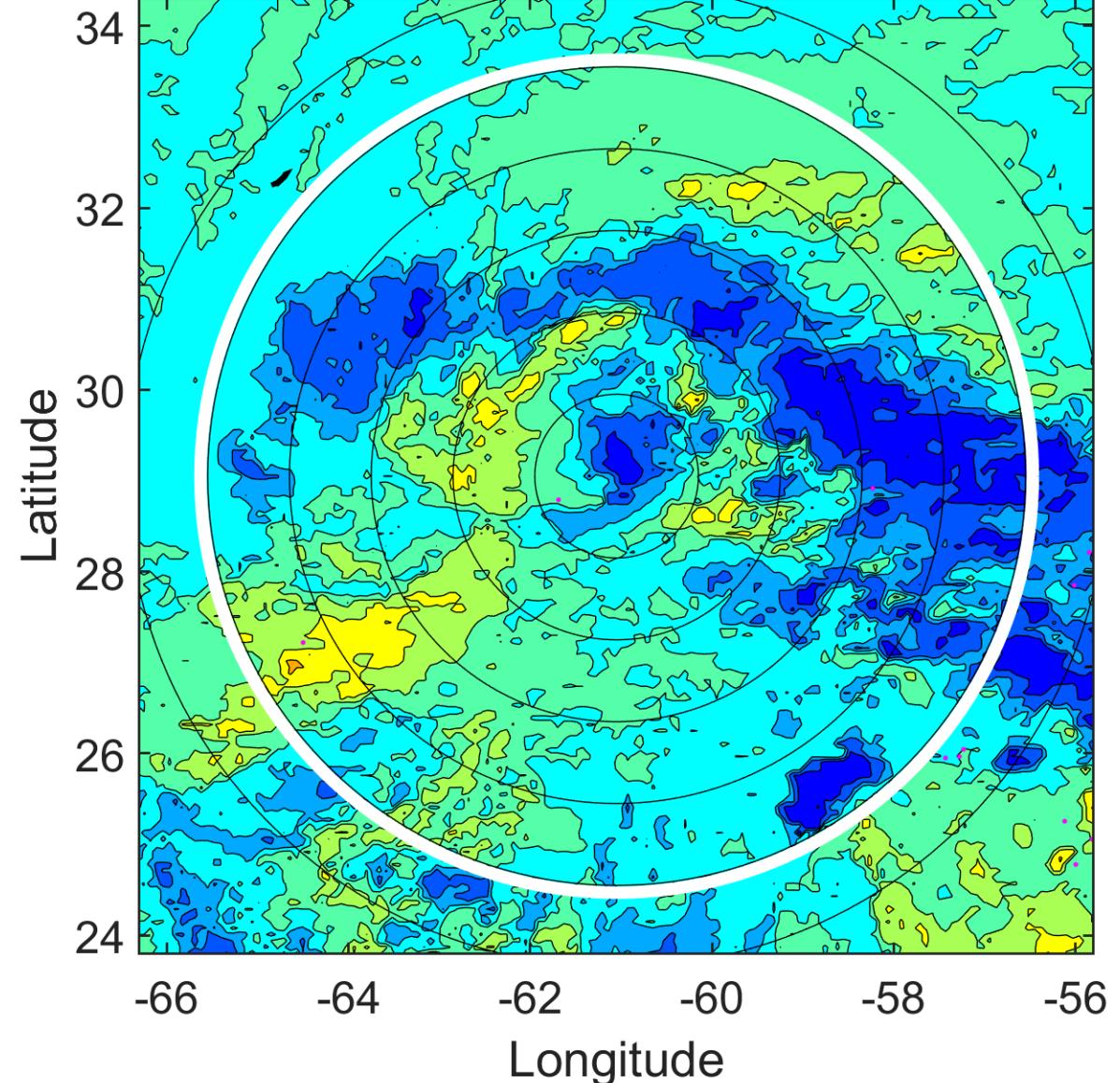
Δt: 2005100821 (16.9 LT) - 2005100815 (11 LT) 23L (TWENTY-TWO) | 27.5 kt SD

Lightning: 16.9 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 27.5 kt SD

S: 7.3 m s<sup>-1</sup> (M) | H: 276°



### IR BT & Lightning

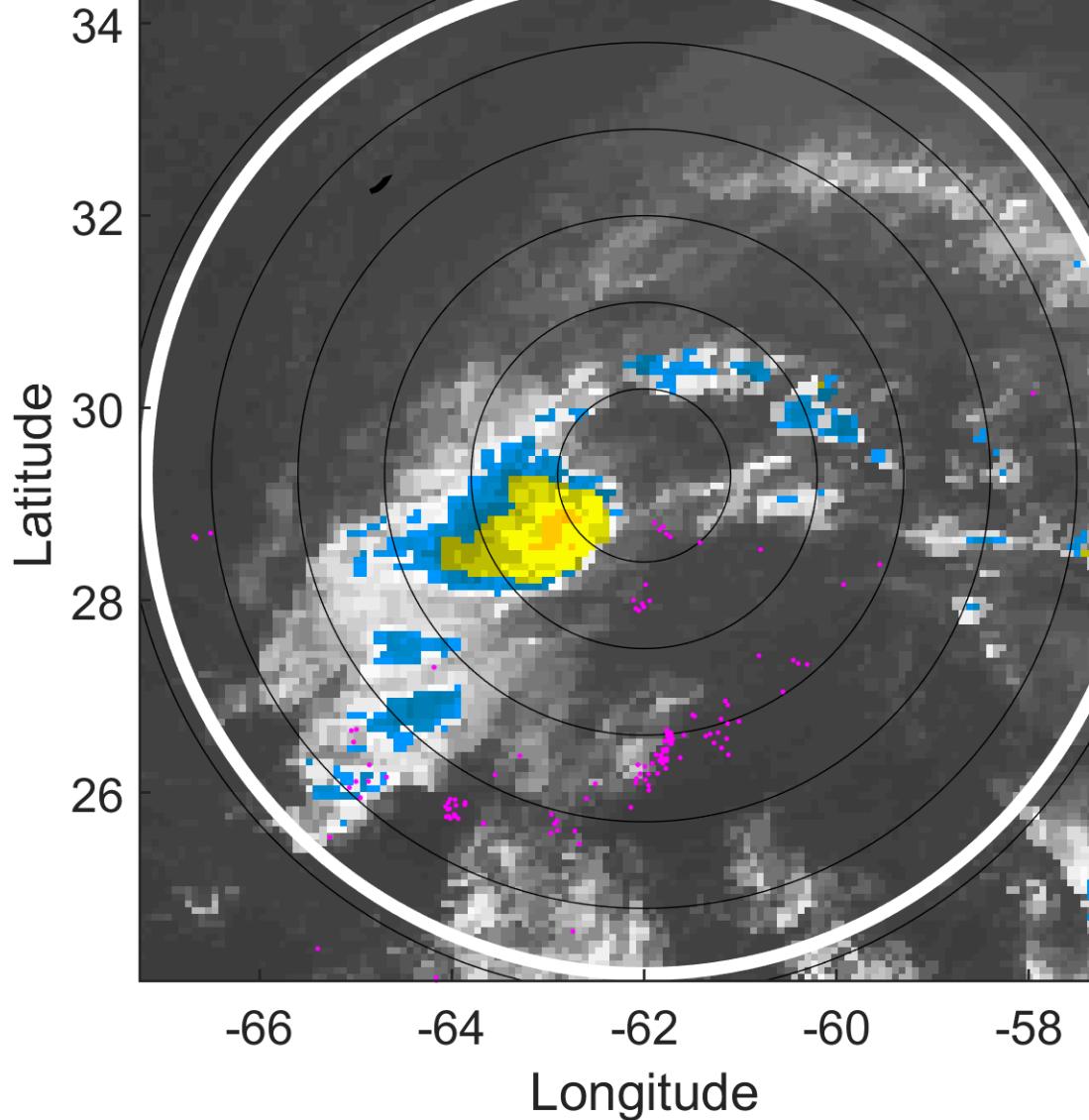
t: 2005100900 (19.9 LT)

Lightning: 19.9 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 6.4 m s<sup>-1</sup> (M) | H: 252°



### 6-h IR BT Differences & Lightning

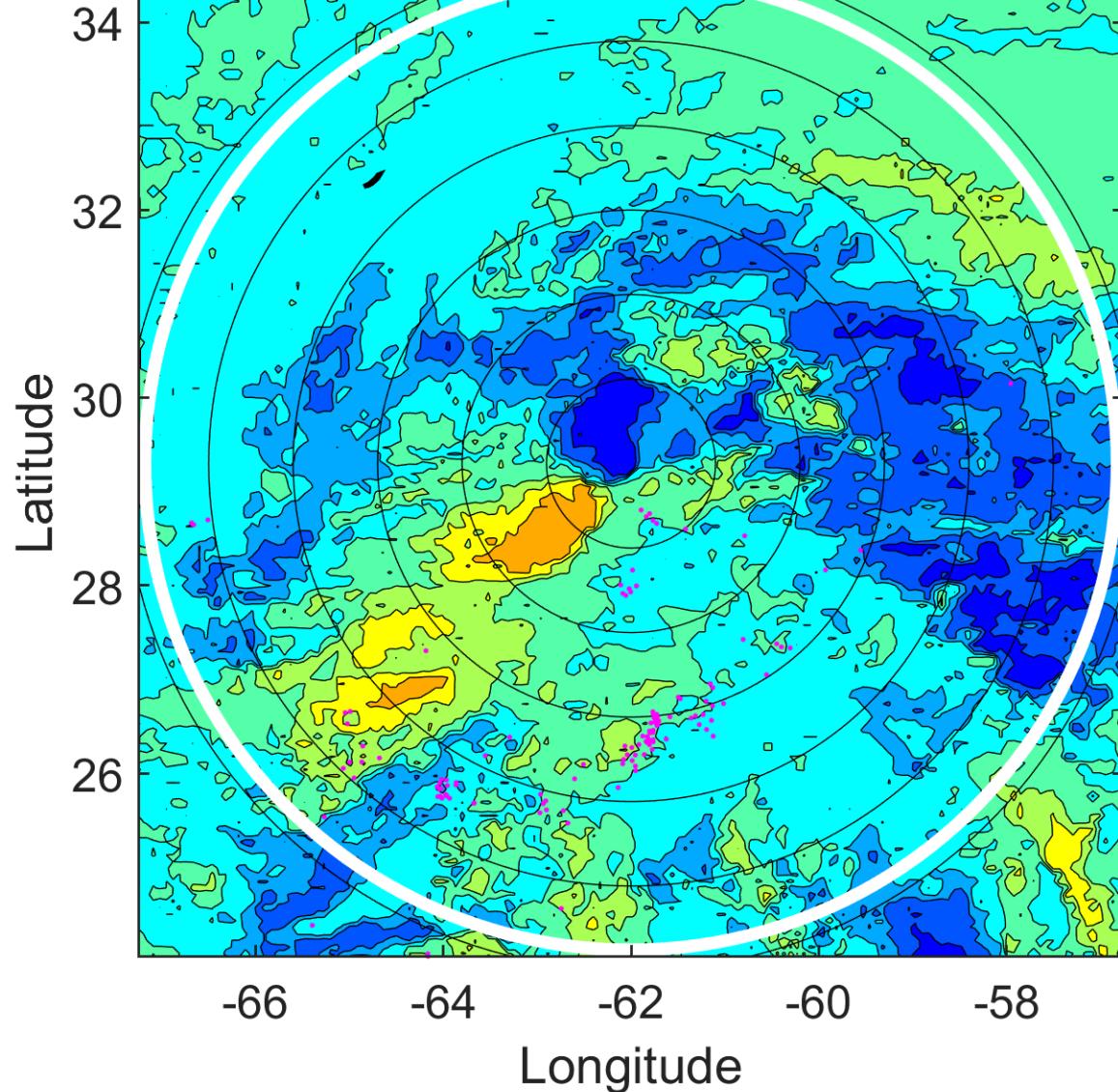
Δt: 2005100900 (19.9 LT) - 2005100818 (14 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 19.9 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 6.4 m s<sup>-1</sup> (M) | H: 252°



### IR BT & Lightning

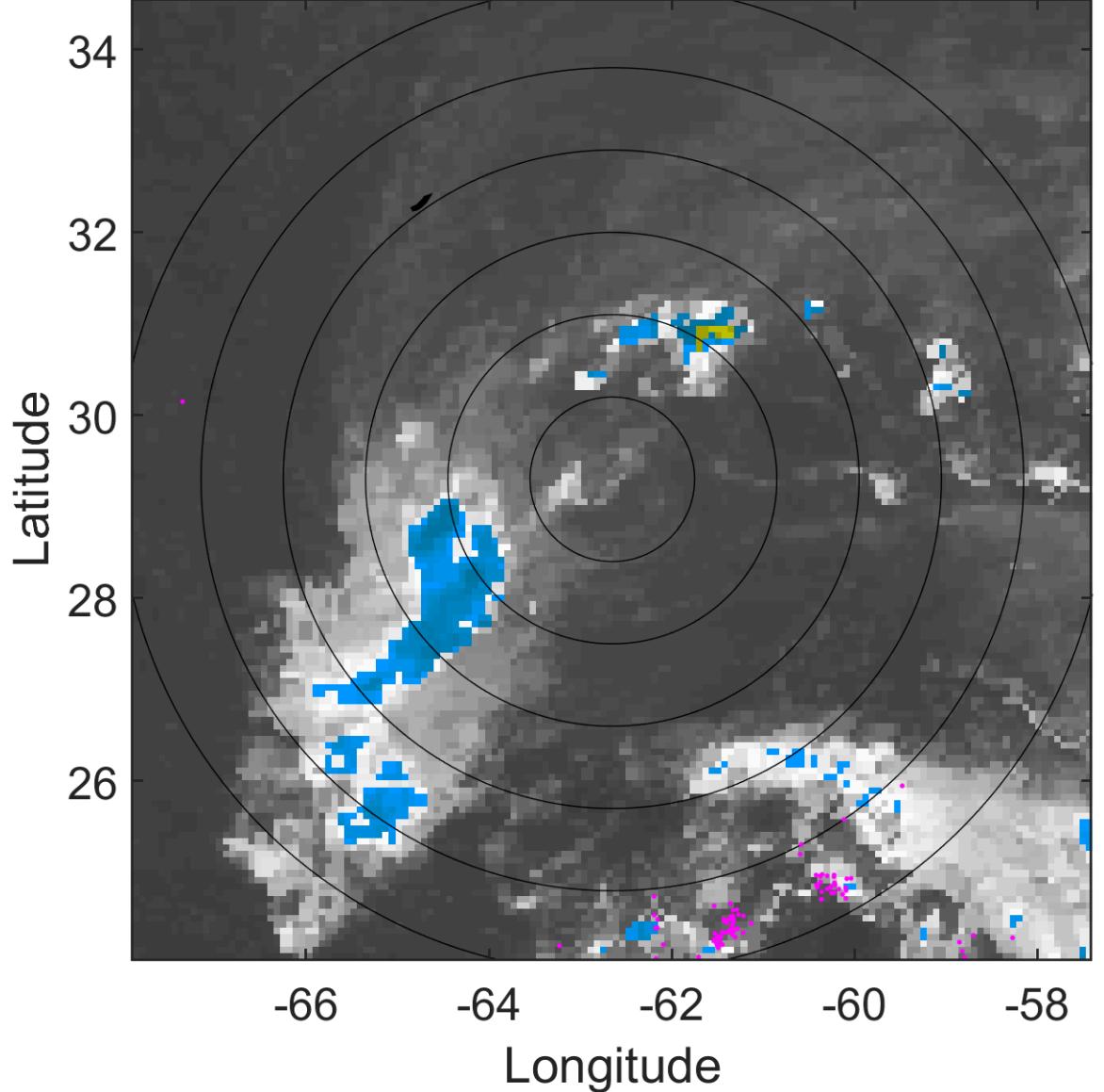
t: 2005100903 (22.8 LT)

Lightning: 22.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 9.1 m s<sup>-1</sup> (M) | H: 249°



### 6-h IR BT Differences & Lightning

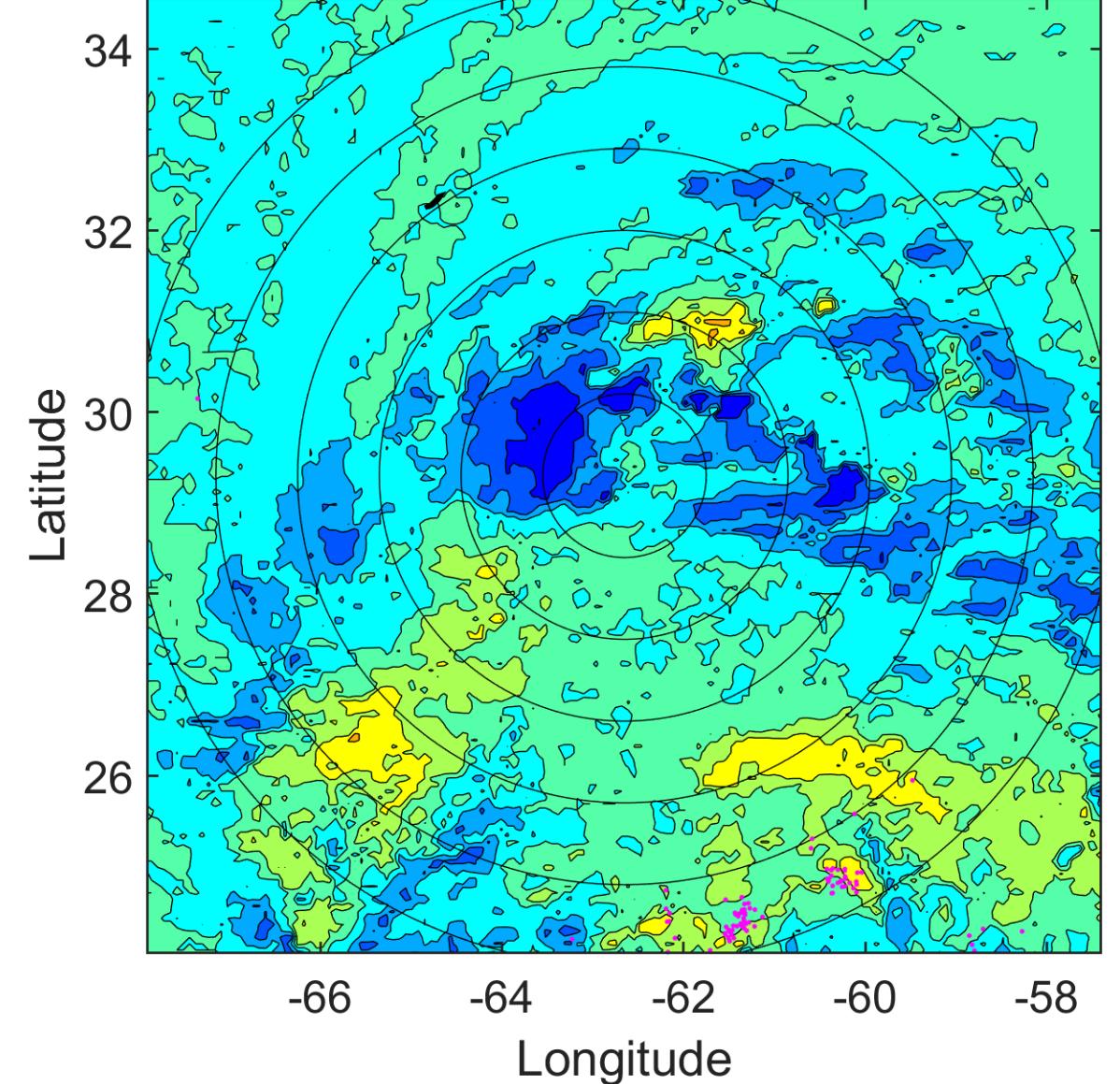
Δt: 2005100903 (22.8 LT) - 2005100821 (16.9 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 22.8 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 9.1 m s<sup>-1</sup> (M) | H: 249°



### IR BT & Lightning

t: 2005100906 (1.8 LT)

Lightning: 1.8 LT ± 1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.7 m s<sup>-1</sup> (H) | H: 246°

Latitude

34

32

30

28

26

-68

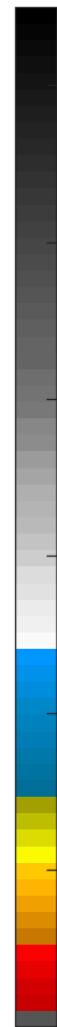
-66

-64

-62

-60

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005100906 (1.8 LT) - 2005100900 (19.9 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 1.8 LT ± 1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.7 m s<sup>-1</sup> (H) | H: 246°

Latitude

34

32

30

28

26

-68

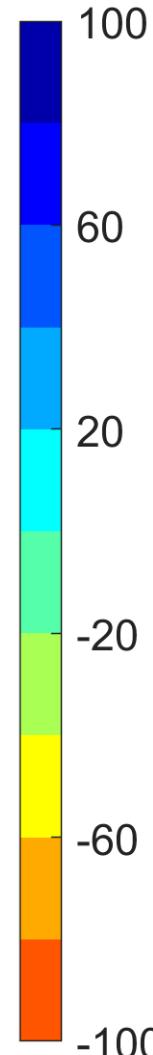
-66

-64

-62

-60

Longitude



### IR BT & Lightning

t: 2005100909 (4.7 LT)

Lightning: 4.7 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.5 m s<sup>-1</sup> (H) | H: 240°

Latitude

34

32

30

28

26

-68

-66

Longitude



40

20

0

-20

-40

-60

-80

### 6-h IR BT Differences & Lightning

Δt: 2005100909 (4.7 LT) - 2005100903 (22.8 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 4.7 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.5 m s<sup>-1</sup> (H) | H: 240°

Latitude

34

32

30

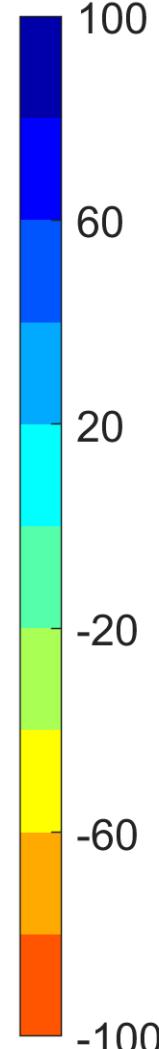
28

26

-68

-66

Longitude



### IR BT & Lightning

t: 2005100912 (7.7 LT)

Lightning: 7.7 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.4 m s<sup>-1</sup> (H) | H: 234°

Latitude

34

32

30

28

26

-68

-66

Longitude



-80  
-60  
-40  
-20  
0  
20  
40

### 6-h IR BT Differences & Lightning

Δt: 2005100912 (7.7 LT) - 2005100906 (1.8 LT)

Lightning: 7.7 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.4 m s<sup>-1</sup> (H) | H: 234°

Latitude

34

32

30

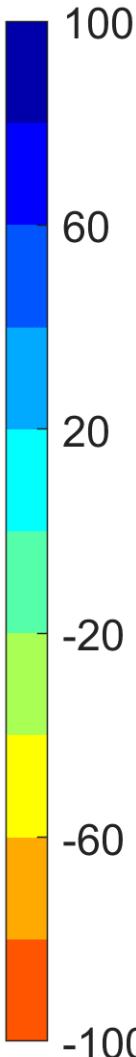
28

26

-68

-66

Longitude



100  
60  
20  
-20  
-60  
-100

### IR BT & Lightning

t: 2005100915 (10.7 LT)

Lightning: 10.7 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 12.3 m s<sup>-1</sup> (H) | H: 233°

Latitude

34

32

30

28

26

-70

-68

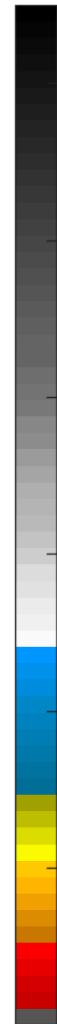
-66

-64

-62

-60

Longitude



40  
20  
0  
-20  
-40  
-60  
-80

### 6-h IR BT Differences & Lightning

Δt: 2005100915 (10.7 LT) - 2005100909 (4.7 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 10.7 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 12.3 m s<sup>-1</sup> (H) | H: 233°

Latitude

34

32

30

28

26

-70

-68

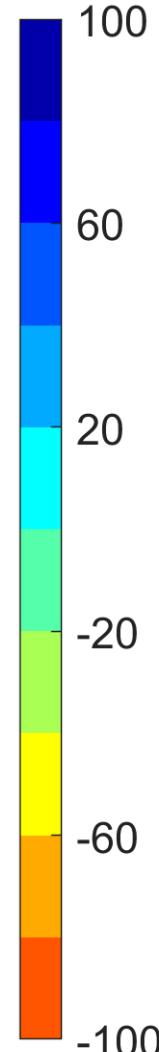
-66

-64

-62

-60

Longitude



100  
60  
20  
-20  
-60  
-100

### IR BT & Lightning

t: 2005100918 (13.7 LT)

Lightning: 13.7 LT ± 1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S:  $13.3 \text{ m s}^{-1}$  (H) | H:  $232^\circ$

Latitude

34

32

30

28

26

-70

-68

-66 -64

-62

-60

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005100918 (13.7 LT) - 2005100912 (7.7 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 13.7 LT ± 1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S:  $13.3 \text{ m s}^{-1}$  (H) | H:  $232^\circ$

Latitude

34

32

30

28

26

-70

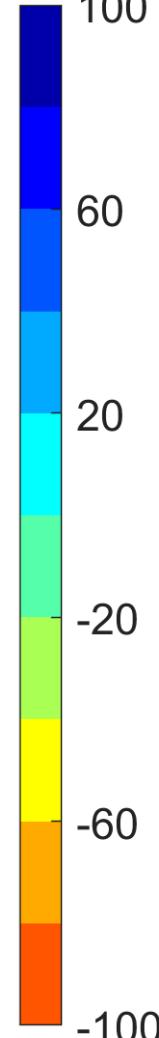
-68

-66 -64

-62

-60

Longitude



### IR BT & Lightning

t: 2005100921 (16.6 LT)

Lightning: 16.6 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

S: 11.3 m s<sup>-1</sup> (H) | H: 217°

Latitude

34

32

30

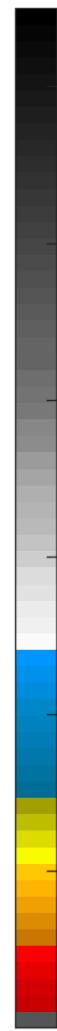
28

26

-70

-68

Longitude



40

20

0

-20

-40

-60

-80

### 6-h IR BT Differences & Lightning

PT: SLWP | EA: INACT

Δt: 2005100921 (16.6 LT) - 2005100915 (10.7 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 16.6 LT  $\pm$  1.5 h (dots)

100

60

20

-20

-60

-100

Latitude

34

32

30

28

26

-70

-68

Longitude

### IR BT & Lightning

t: 2005101000 (19.6 LT)

Lightning: 19.6 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

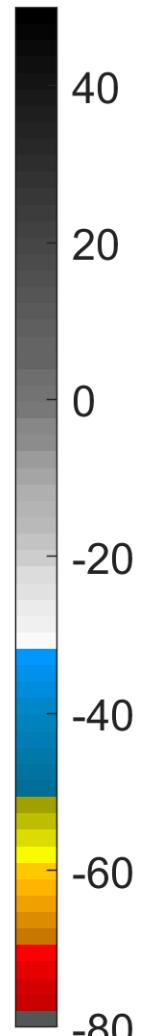
S: 9.3 m s<sup>-1</sup> (M) | H: 202°

Latitude

34  
32  
30  
28  
26

-70 -68 -66 -64 -62

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101000 (19.6 LT) - 2005100918 (13.7 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 19.6 LT  $\pm$  1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

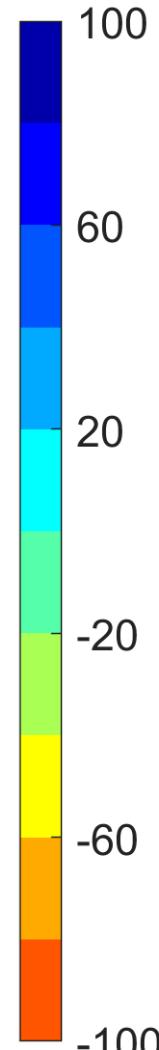
S: 9.3 m s<sup>-1</sup> (M) | H: 202°

Latitude

34  
32  
30  
28  
26

-70 -68 -66 -64 -62

Longitude



### IR BT & Lightning

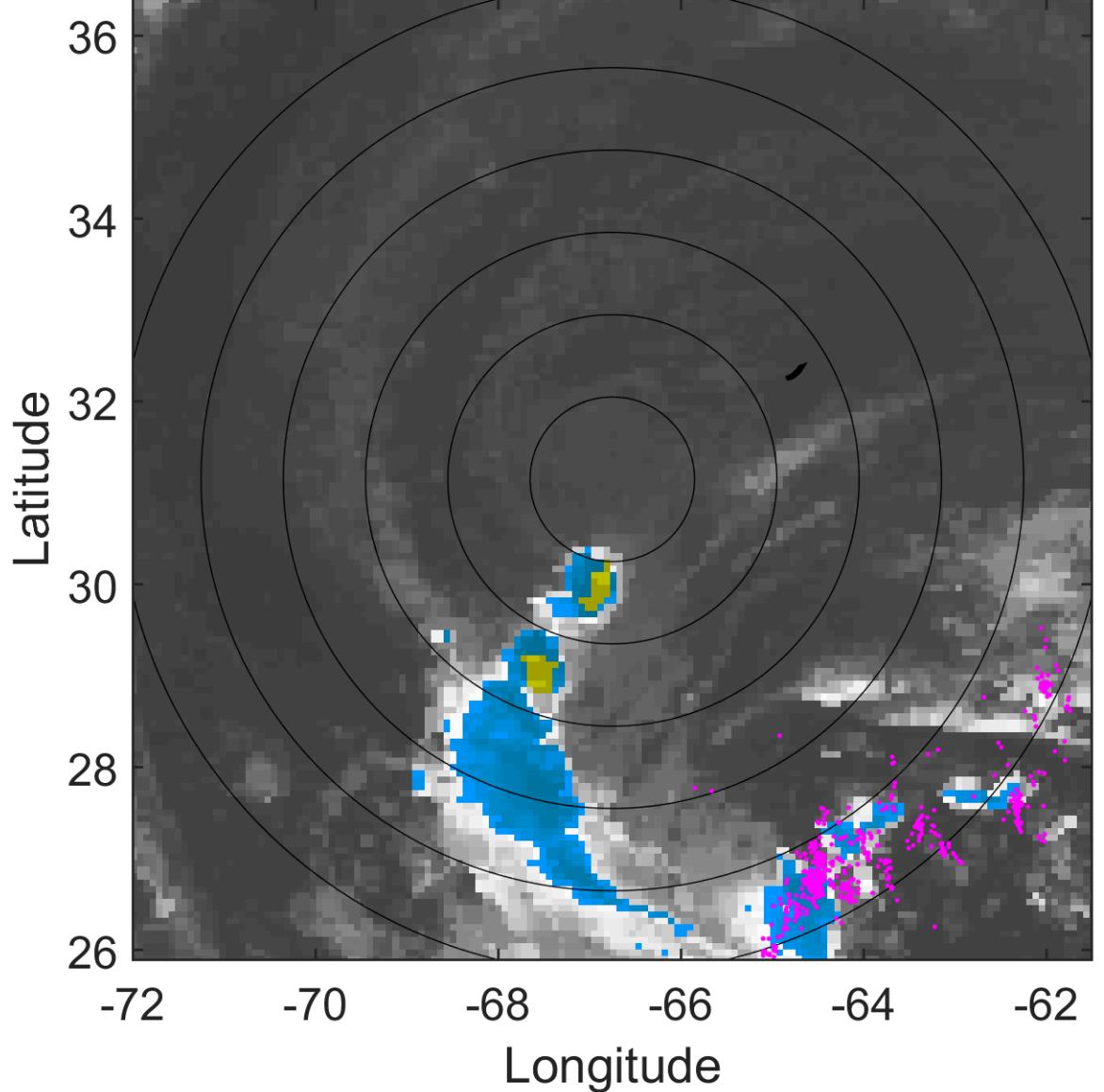
t: 2005101003 (22.6 LT)

Lightning: 22.6 LT ± 1.5 h (dots)

PT: SLWP | EA: INACT

23L (TWENTY-TWO) | 25 kt SD

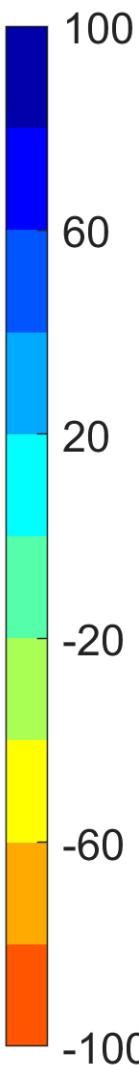
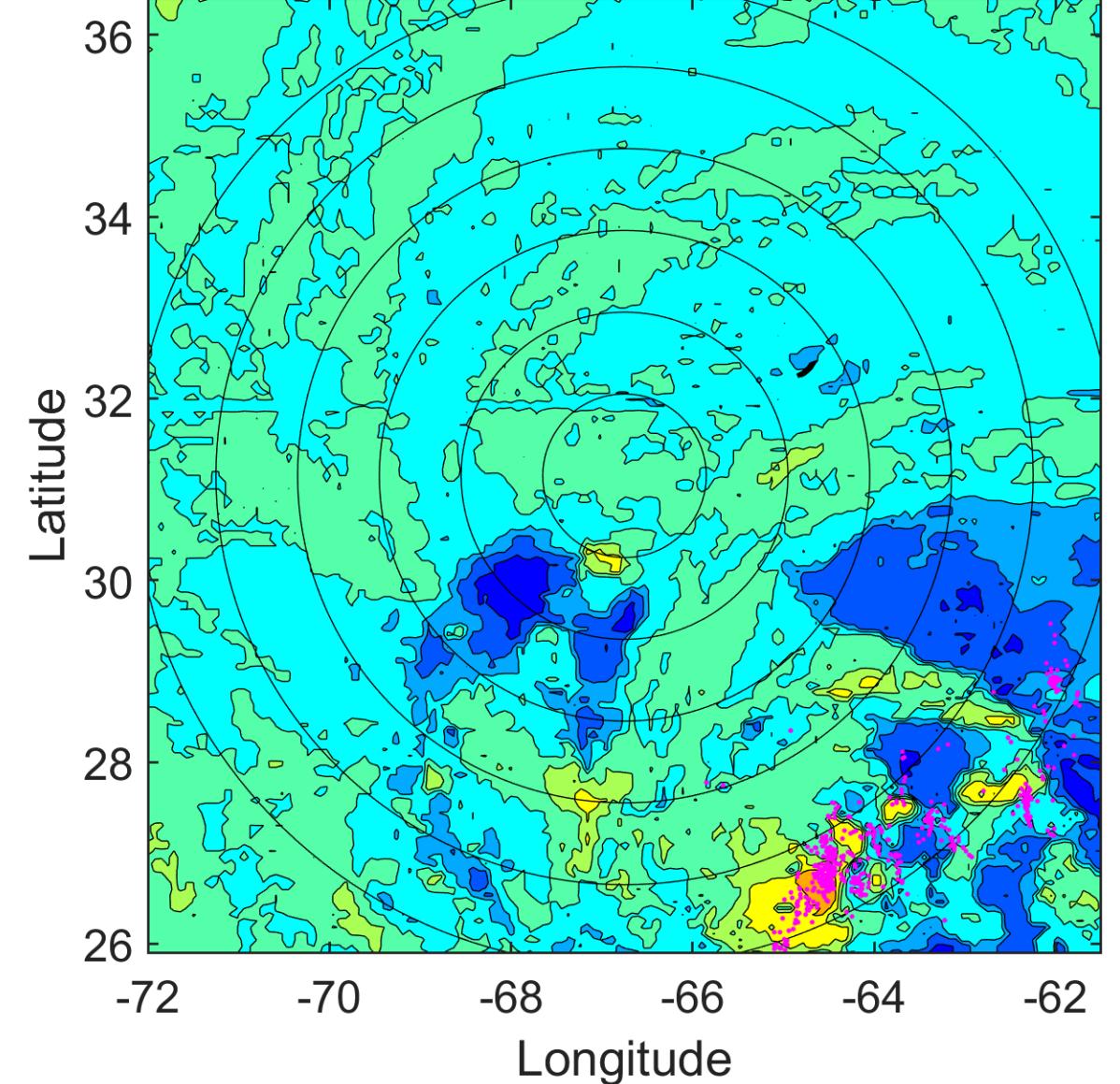
S: null | H: null



### 6-h IR BT Differences & Lightning

PT: SLWP | EA: INACT  
Δt: 2005101003 (22.6 LT) - 2005100921 (16.6 LT) 23L (TWENTY-TWO) | 25 kt SD

Lightning: 22.6 LT ± 1.5 h (dots)  
S: null | H: null



### IR BT & Lightning

t: 2005101006 (1.5 LT)

Lightning: 1.5 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 25 kt LO

S: null | H: null

Latitude

36

34

32

30

28

-72

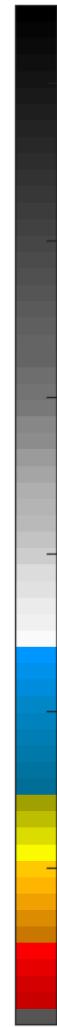
-70

-68

-66

-64

Longitude



40  
20  
0  
-20  
-40  
-60  
-80

### 6-h IR BT Differences & Lightning

Δt: 2005101006 (1.5 LT) - 2005101000 (19.6 LT) 23L (TWENTY-TWO) | 25 kt LO

Lightning: 1.5 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 25 kt LO

S: null | H: null

Latitude

36

34

32

30

28

-72

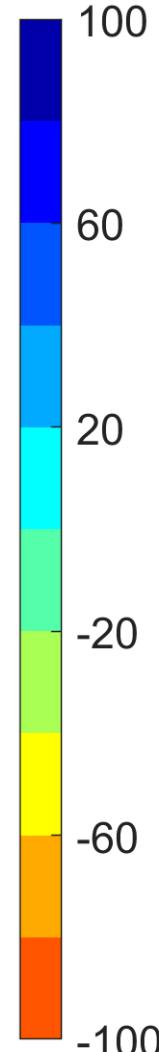
-70

-68

-66

-64

Longitude



### IR BT & Lightning

t: 2005101009 (4.5 LT)

Lightning: 4.5 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 27.5 kt LO

S: null | H: null

Latitude

36

34

32

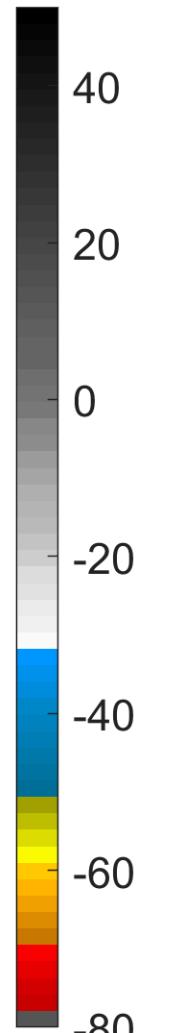
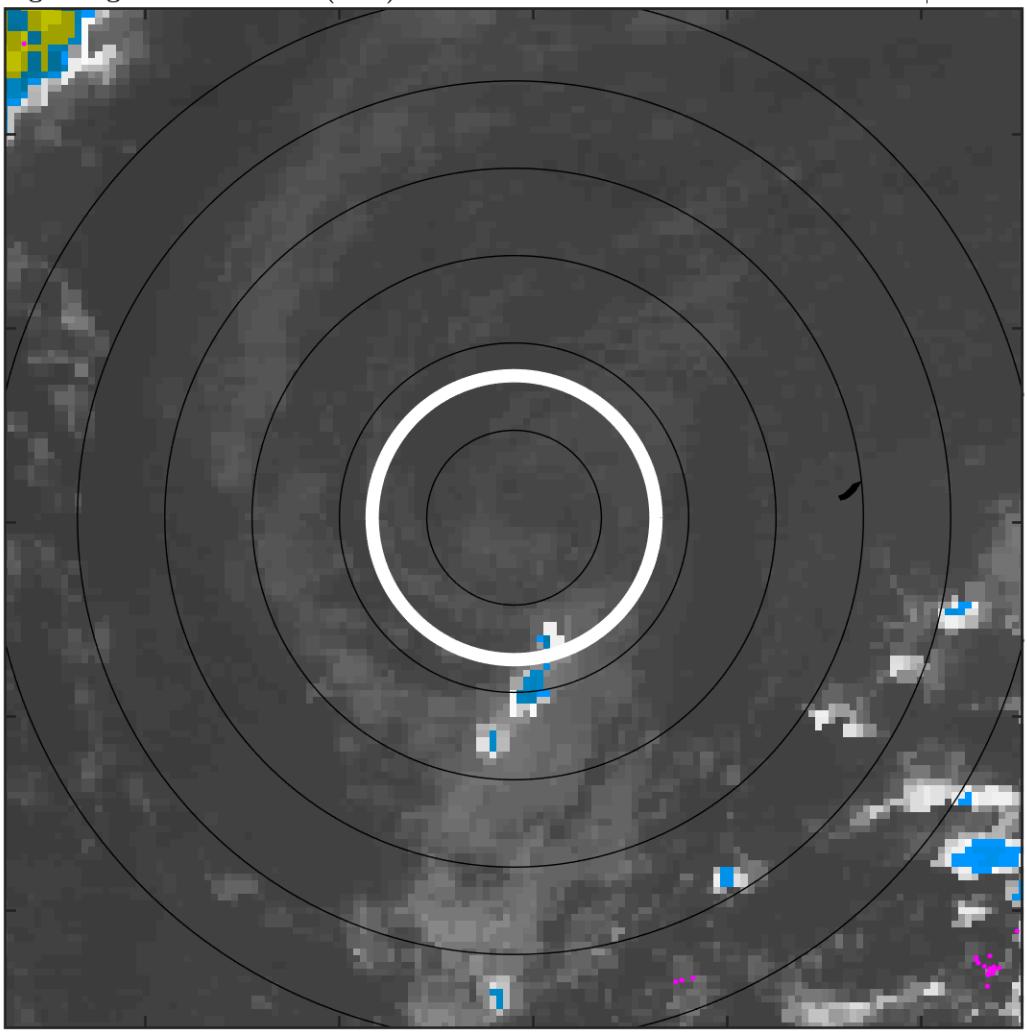
30

28

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101009 (4.5 LT) - 2005101003 (22.6 LT) | 23L (TWENTY-TWO) | 27.5 kt LO

Lightning: 4.5 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

S: null | H: null

Latitude

36

34

32

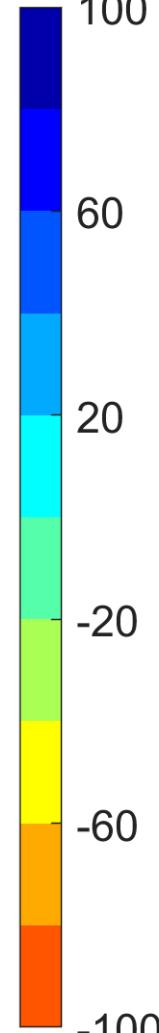
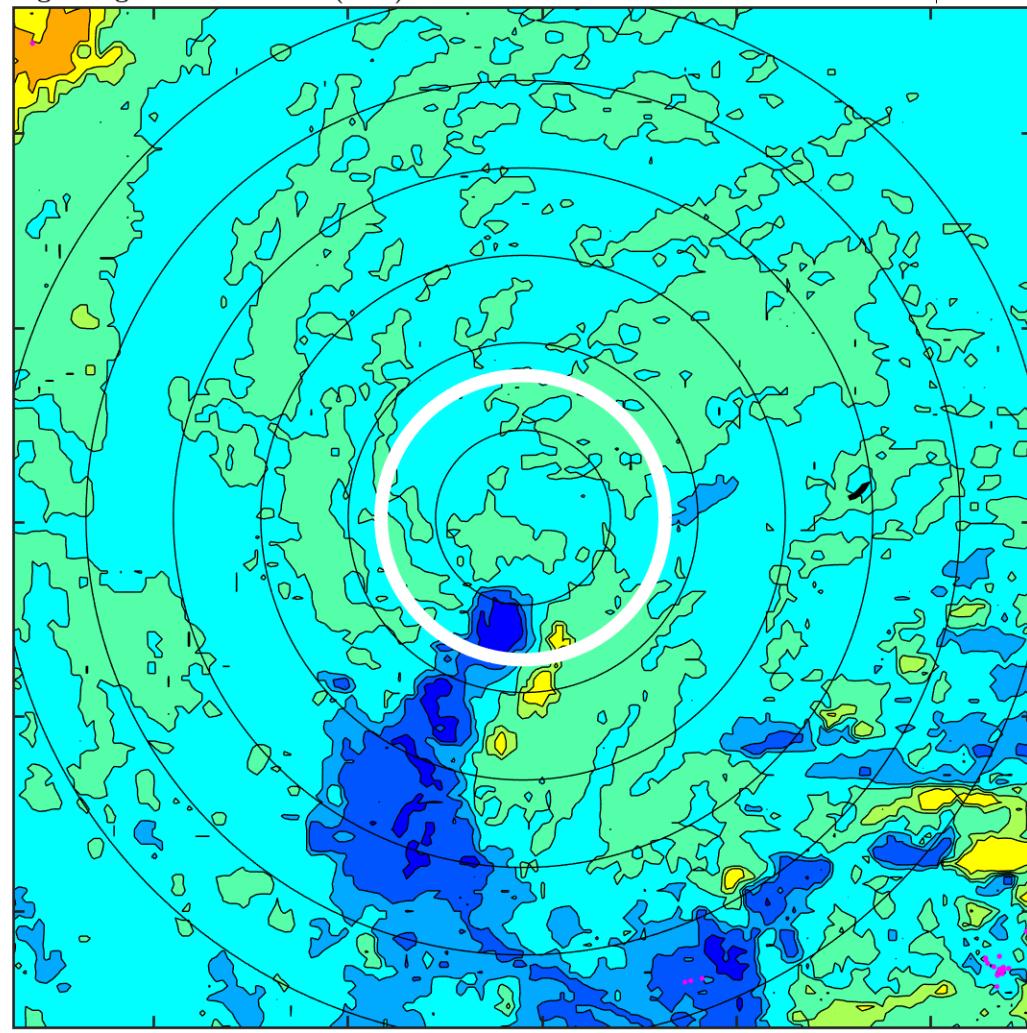
30

28

-72

-70

Longitude



### IR BT & Lightning

t: 2005101012 (7.4 LT)

Lightning: 7.4 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

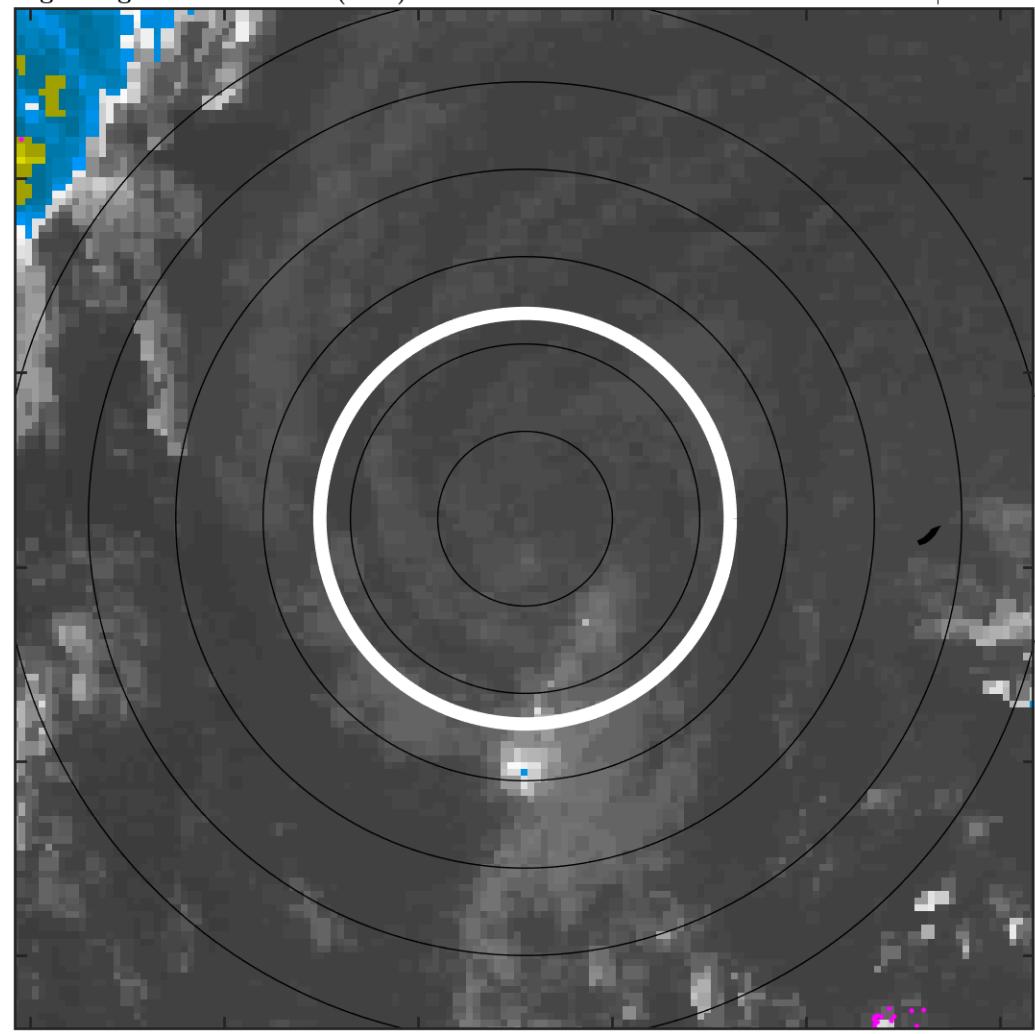
S: null | H: null

Latitude

36  
34  
32  
30  
28

-74 -72 -70 -68 -66 -64

Longitude



### 6-h IR BT Differences & Lightning

$\Delta t$ : 2005101012 (7.4 LT) - 2005101006 (1.5 LT)

Lightning: 7.4 LT  $\pm$  1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

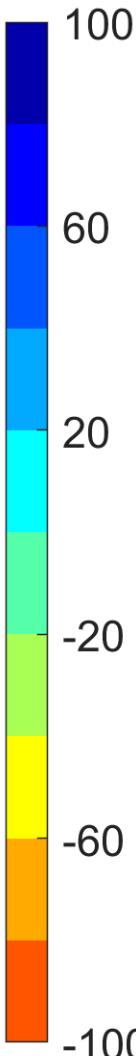
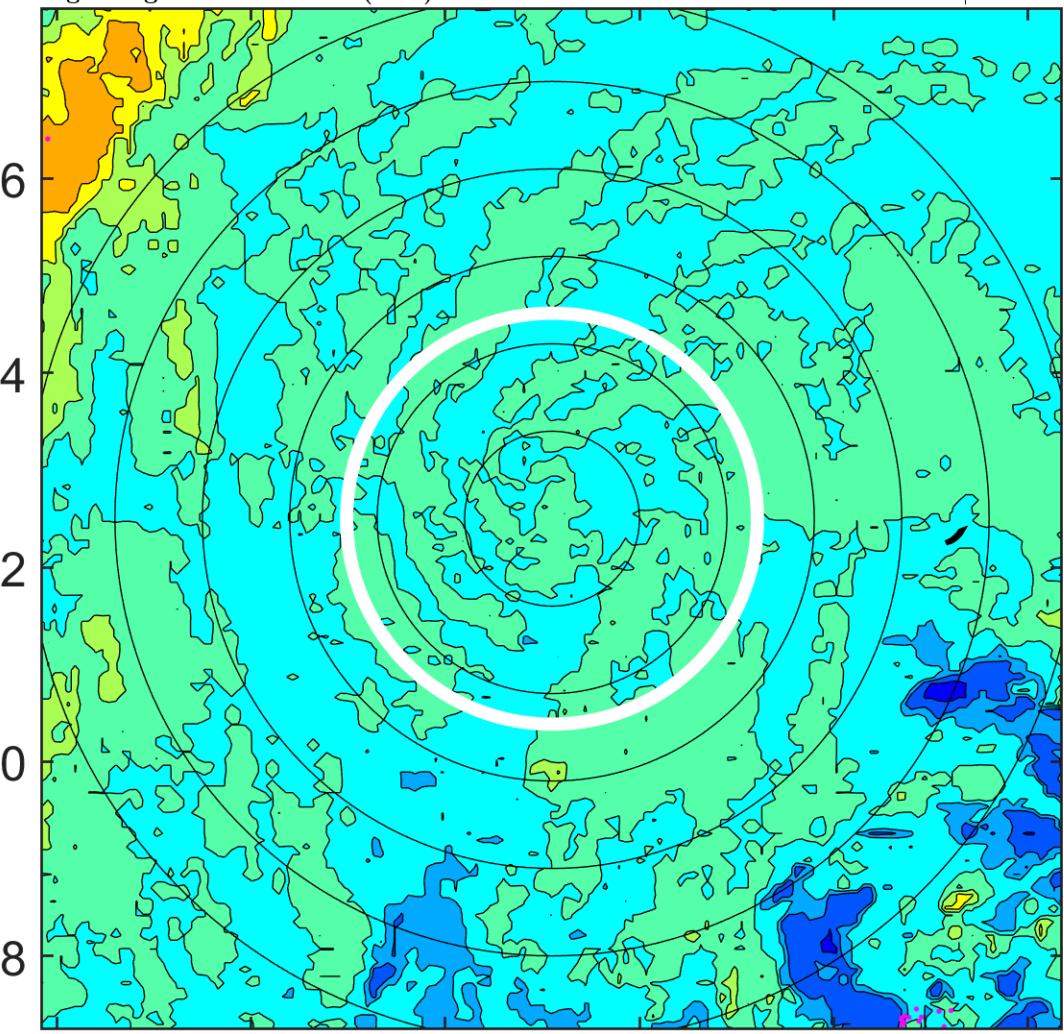
S: null | H: null

Latitude

36  
34  
32  
30  
28

-74 -72 -70 -68 -66 -64

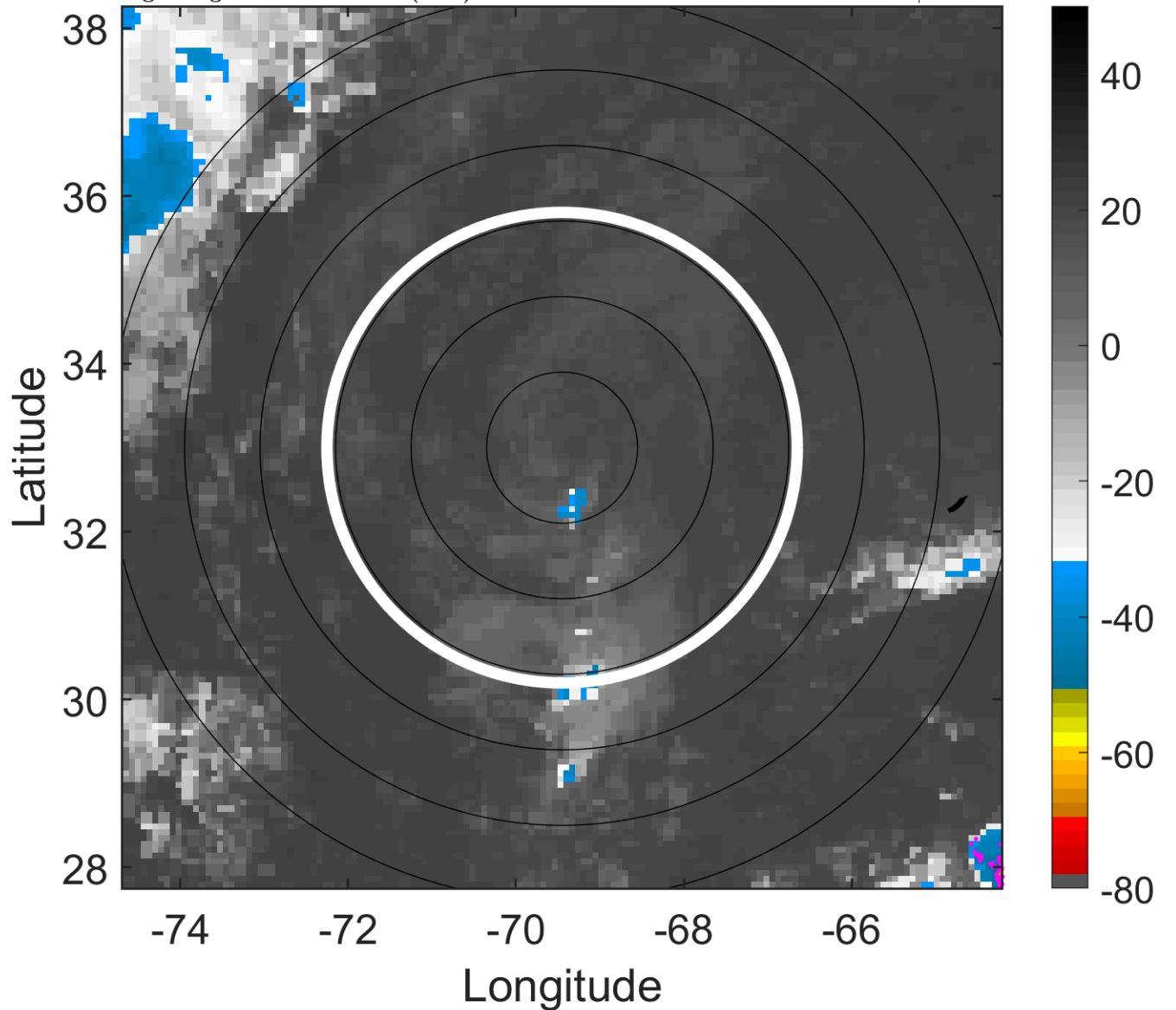
Longitude



### IR BT & Lightning

t: 2005101015 (10.4 LT)  
Lightning: 10.4 LT ± 1.5 h (dots)

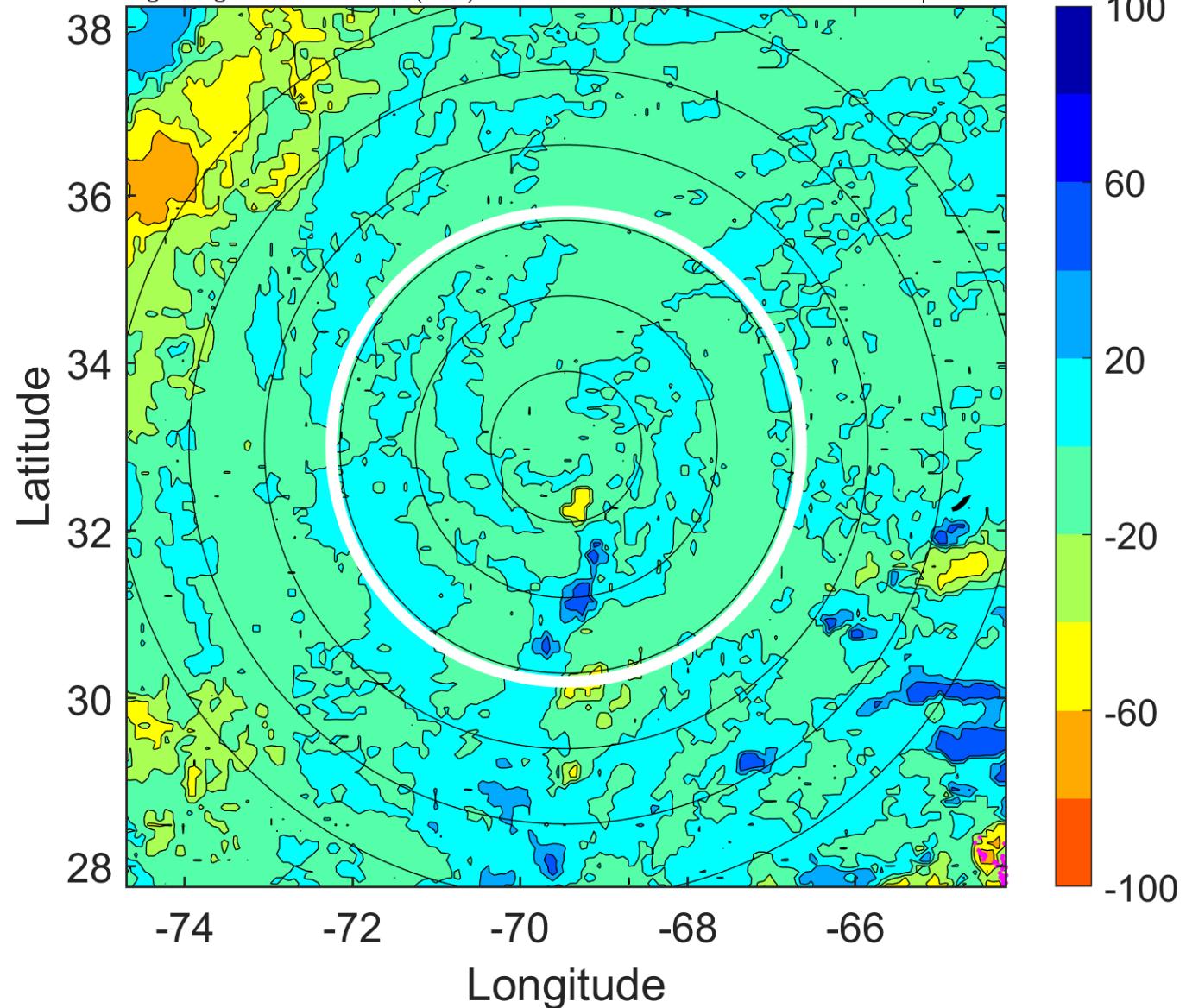
PT: SLC | EA: INACT  
23L (TWENTY-TWO) | 30 kt LO  
S: null | H: null



### 6-h IR BT Differences & Lightning

Δt: 2005101015 (10.4 LT) - 2005101009 (4.5 LT) 23L (TWENTY-TWO) | 30 kt LO  
Lightning: 10.4 LT ± 1.5 h (dots)

PT: SLC | EA: INACT  
23L (TWENTY-TWO) | 30 kt LO  
S: null | H: null



### IR BT & Lightning

t: 2005101018 (13.3 LT)

Lightning: 13.3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

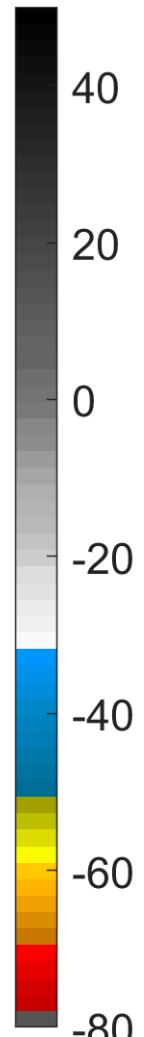
S: null | H: null

Latitude

38  
36  
34  
32  
30

-74 -72 -70 -68 -66

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101018 (13.3 LT) - 2005101012 (7.4 LT) 23L (TWENTY-TWO) | 30 kt LO

Lightning: 13.3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

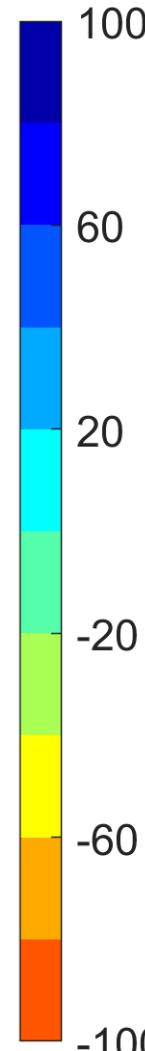
S: null | H: null

Latitude

38  
36  
34  
32  
30

-74 -72 -70 -68 -66

Longitude



### IR BT & Lightning

t: 2005101021 (16.3 LT)

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

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude

38

36

34

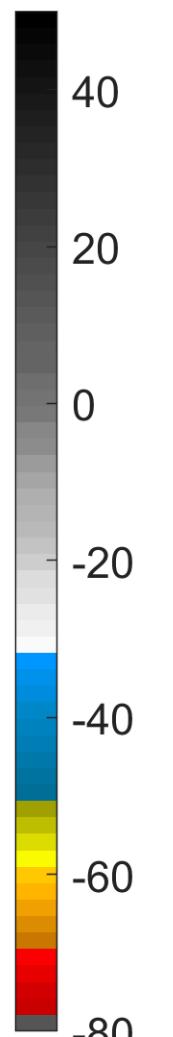
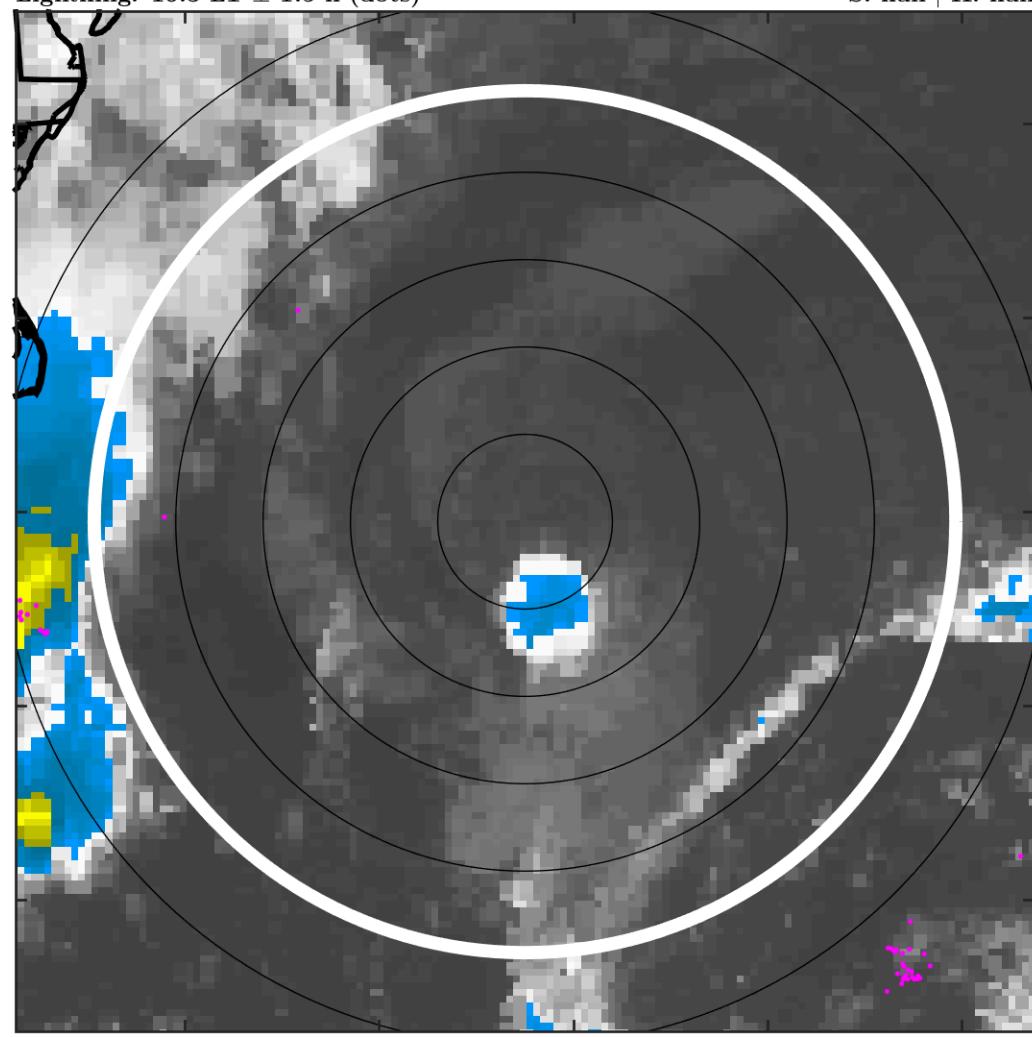
32

30

-74

-72

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101021 (16.3 LT) - 2005101015 (10.4 LT) 23L (TWENTY-TWO) | 30 kt LO

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

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude

38

36

34

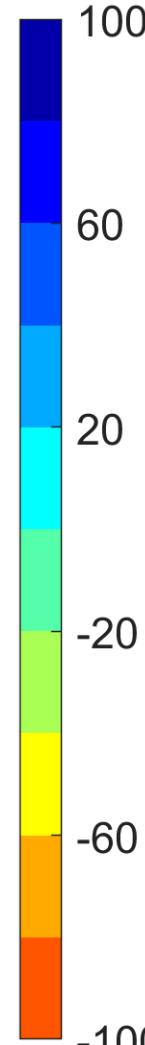
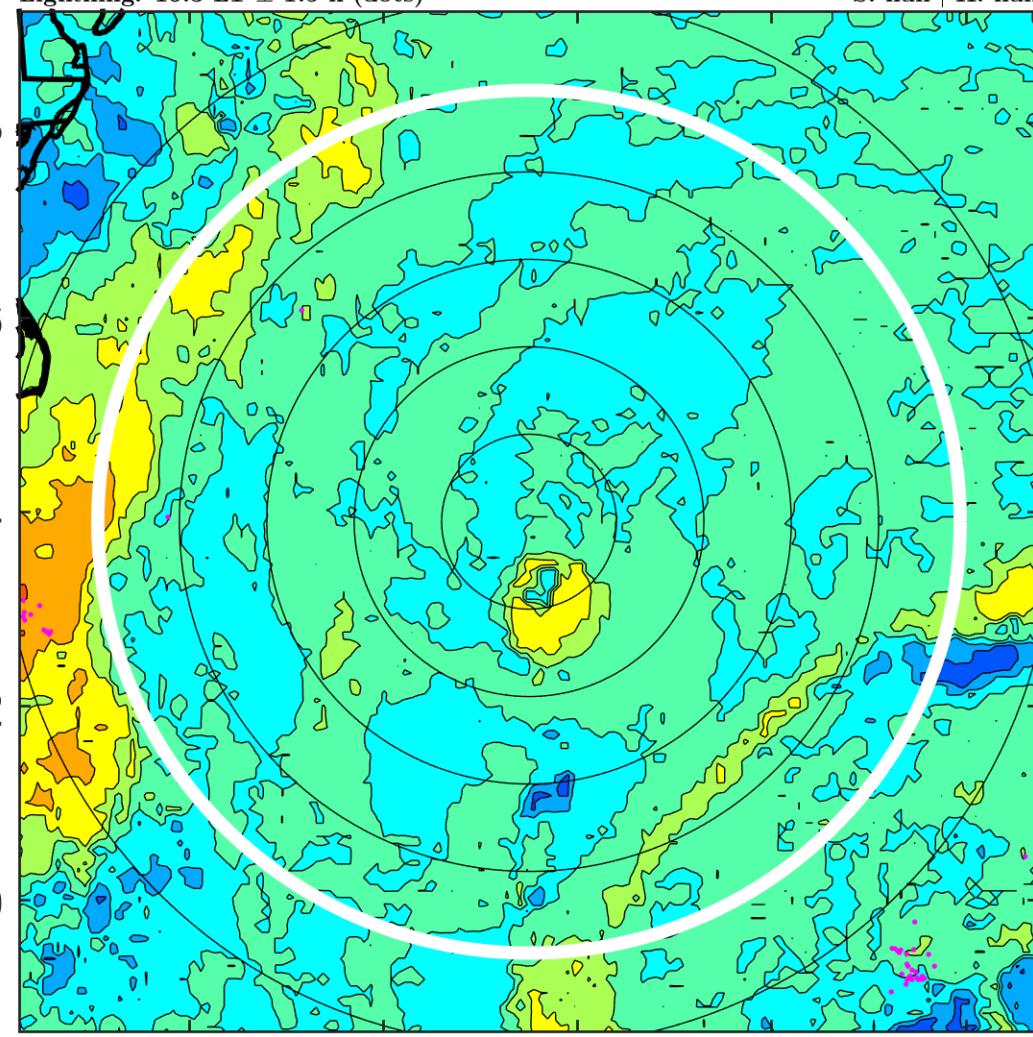
32

30

-74

-72

Longitude



### IR BT & Lightning

t: 2005101100 (19.3 LT)

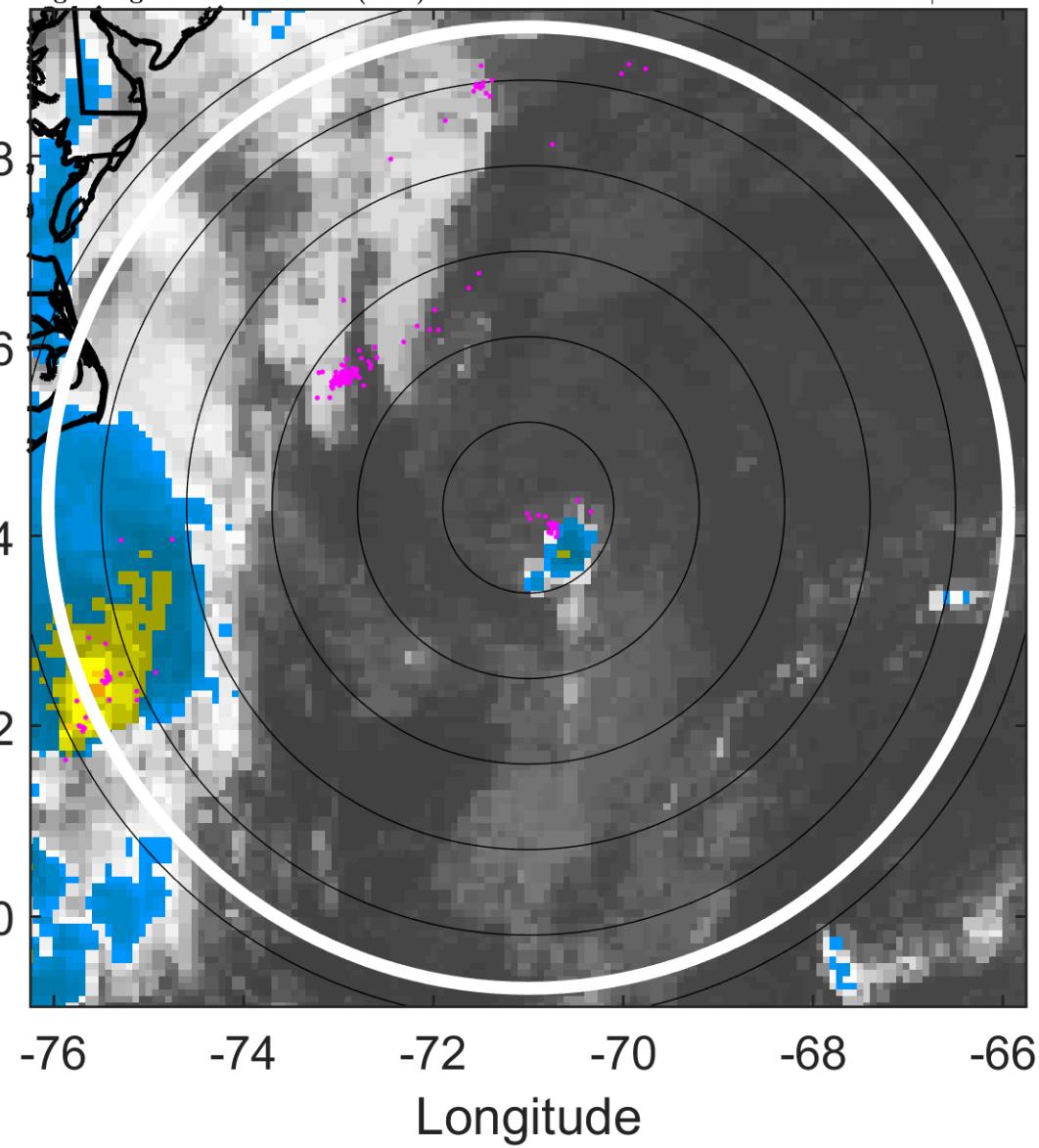
Lightning: 19.3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude



### 6-h IR BT Differences & Lightning

Δt: 2005101100 (19.3 LT) - 2005101018 (13.3 LT) 23L (TWENTY-TWO) | 30 kt LO

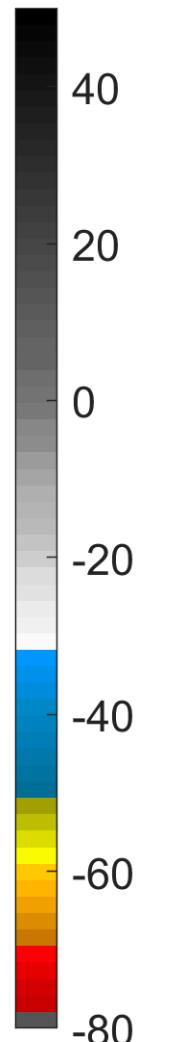
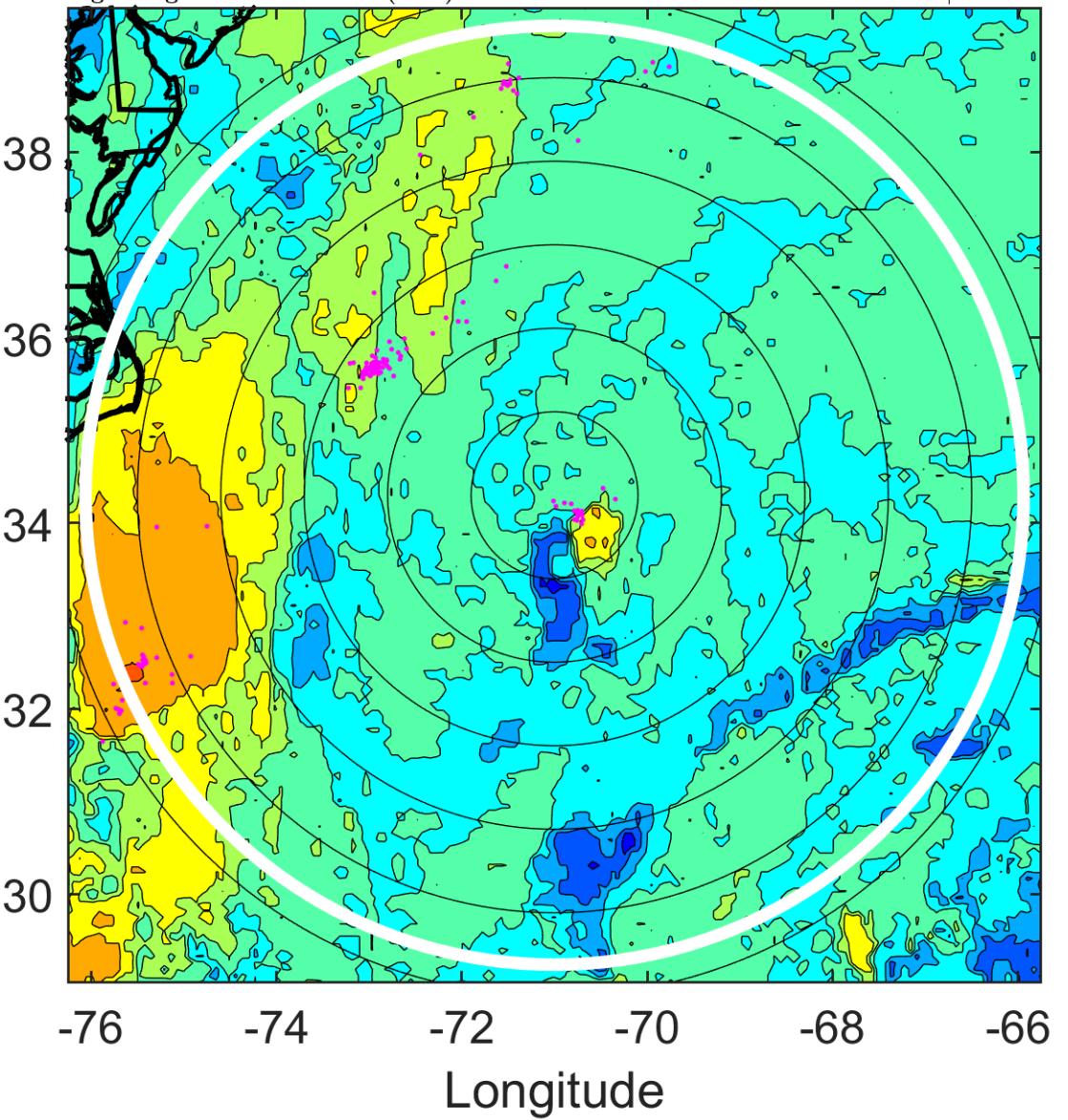
Lightning: 19.3 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude



### IR BT & Lightning

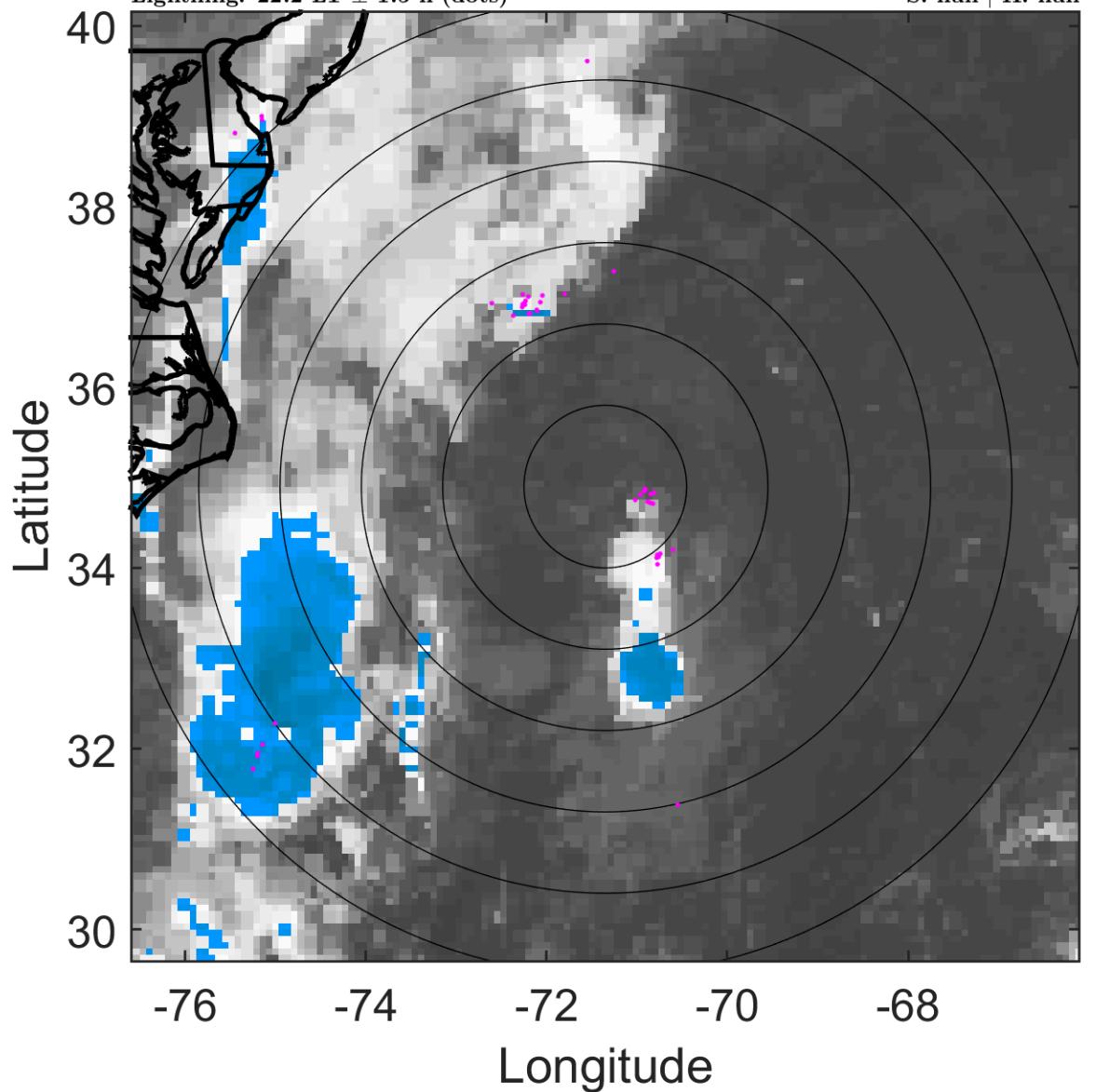
t: 2005101103 (22.2 LT)

Lightning: 22.2 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null



### 6-h IR BT Differences & Lightning

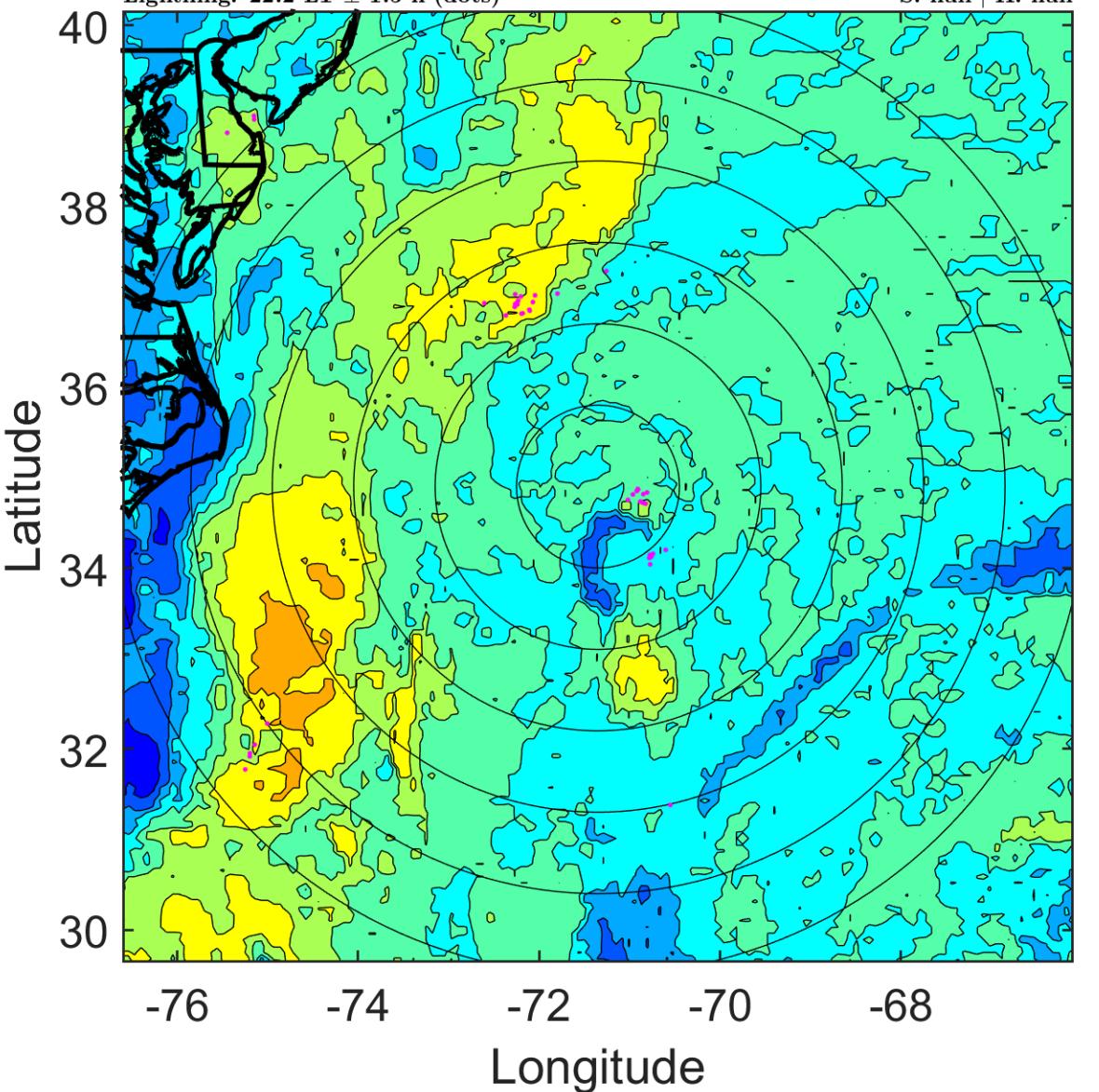
Δt: 2005101103 (22.2 LT) - 2005101021 (16.3 LT) 23L (TWENTY-TWO) | 30 kt LO

Lightning: 22.2 LT ± 1.5 h (dots)

PT: SLCP | EA: INACT

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null



### IR BT & Lightning

t: 2005101106 (1.2 LT)

Lightning: 1.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude

40

38

36

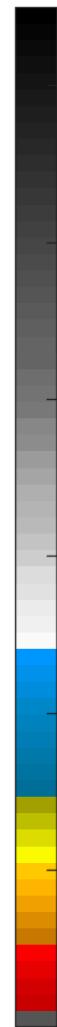
34

32

-76

-74

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101106 (1.2 LT) - 2005101100 (19.3 LT) 23L (TWENTY-TWO) | 30 kt LO

Lightning: 1.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude

40

38

36

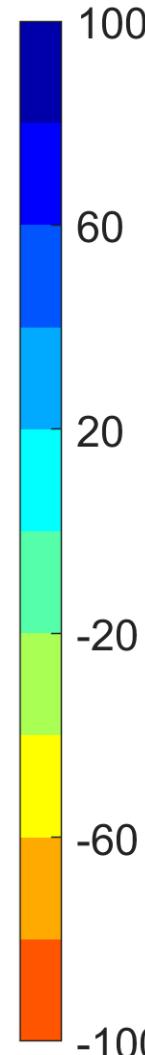
34

32

-76

-74

Longitude



### IR BT & Lightning

t: 2005101109 (4.2 LT)

Lightning: 4.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude

40

38

36

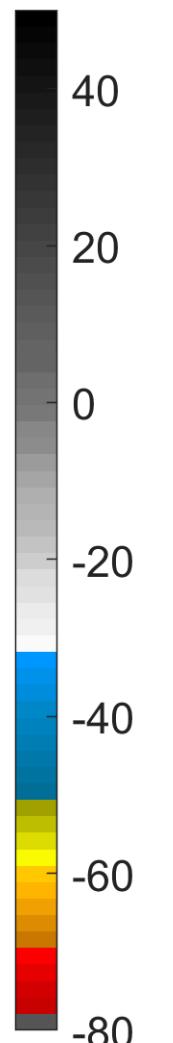
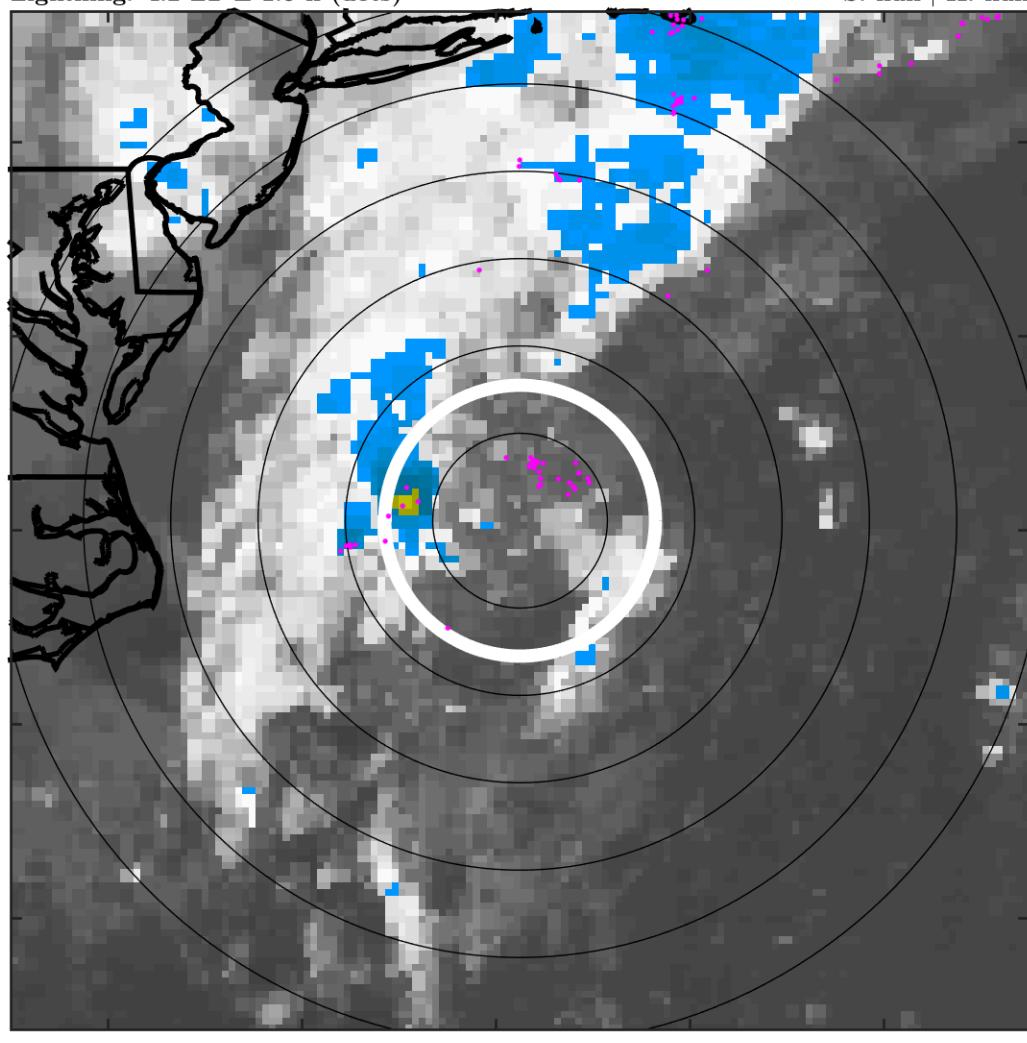
34

32

-76

-74

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101109 (4.2 LT) - 2005101103 (22.2 LT) 23L (TWENTY-TWO) | 30 kt LO

Lightning: 4.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt LO

S: null | H: null

Latitude

40

20

0

-20

-40

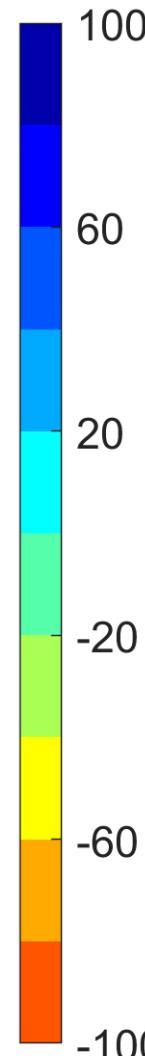
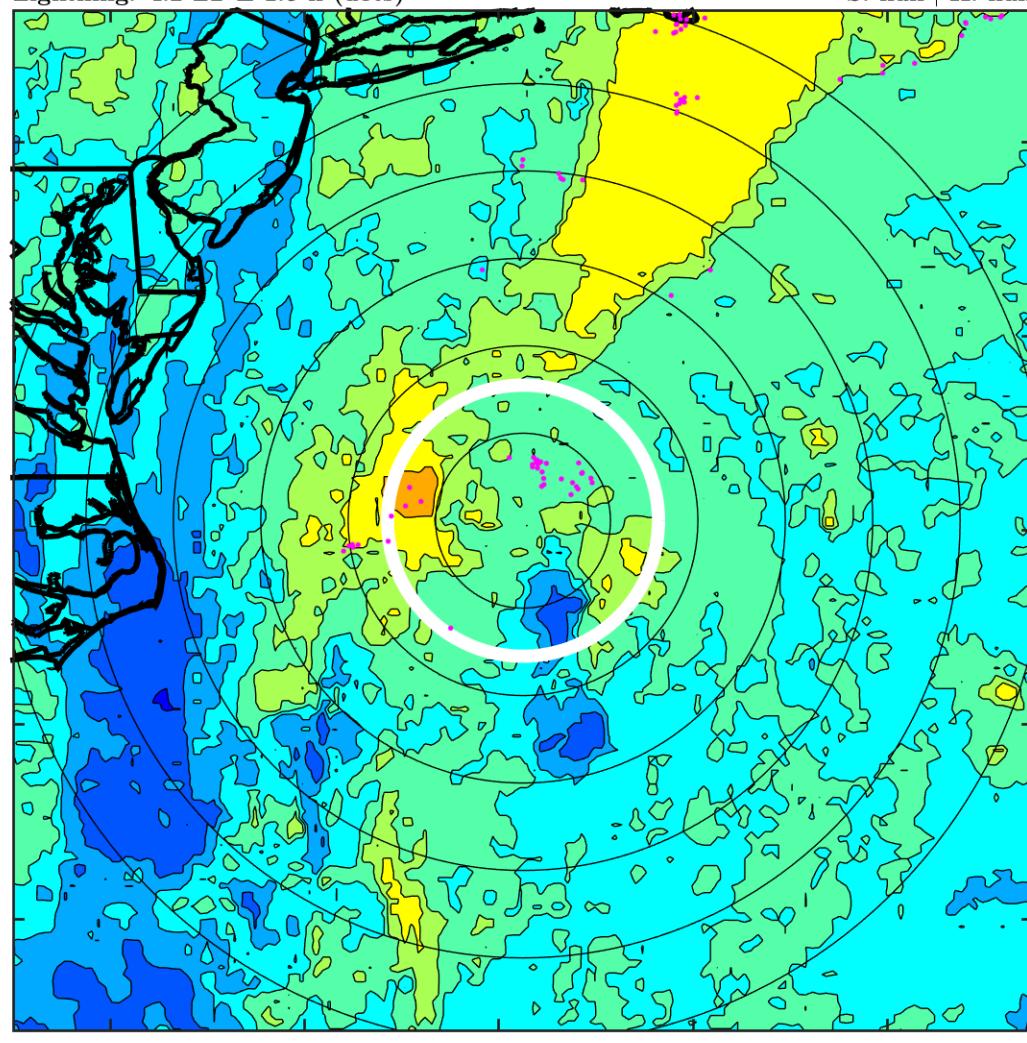
-60

-80

-76

-74

Longitude



### IR BT & Lightning

t: 2005101112 (7.2 LT)

Lightning: 7.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

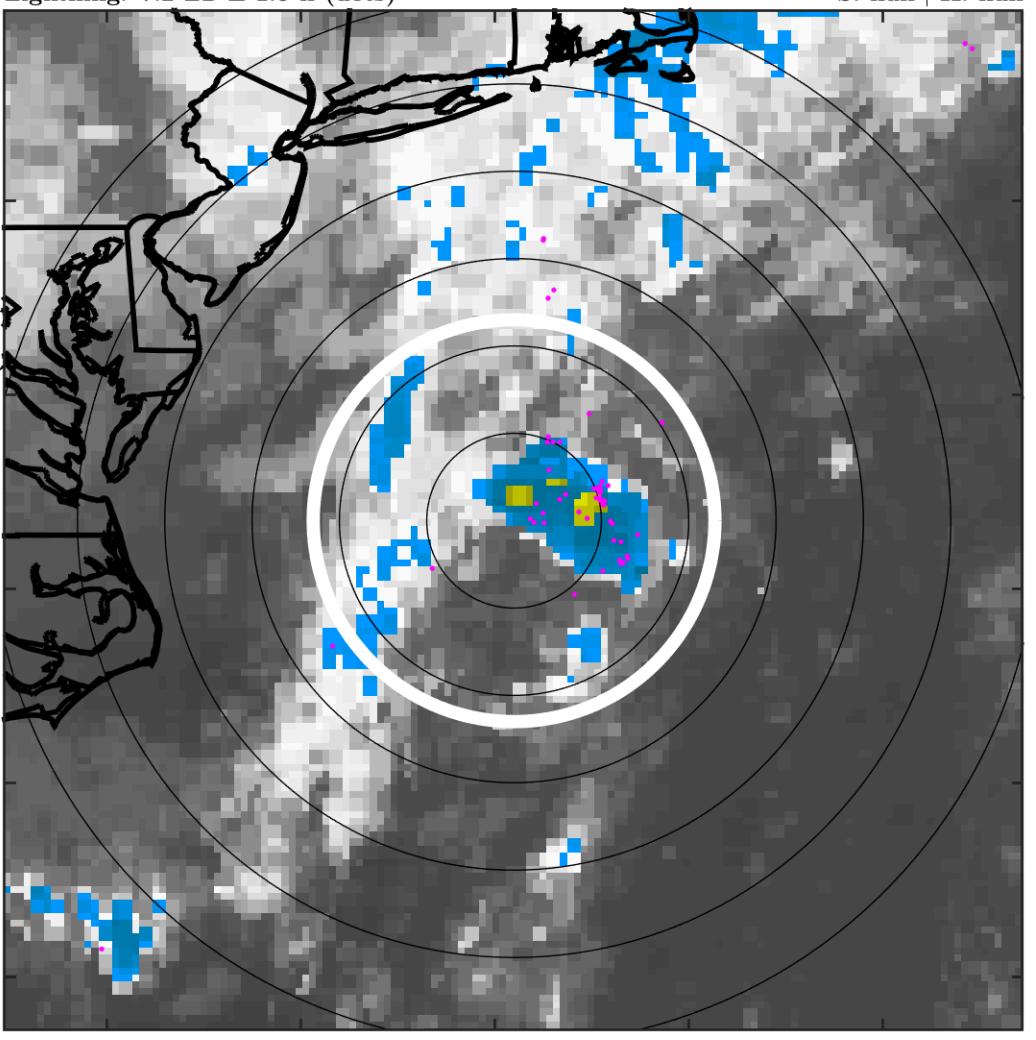
S: null | H: null

Latitude

40  
38  
36  
34  
32

-76 -74 -72 -70 -68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101112 (7.2 LT) - 2005101106 (1.2 LT)

Lightning: 7.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

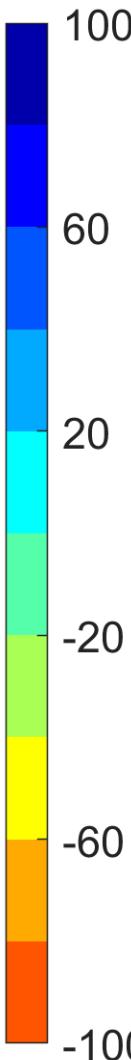
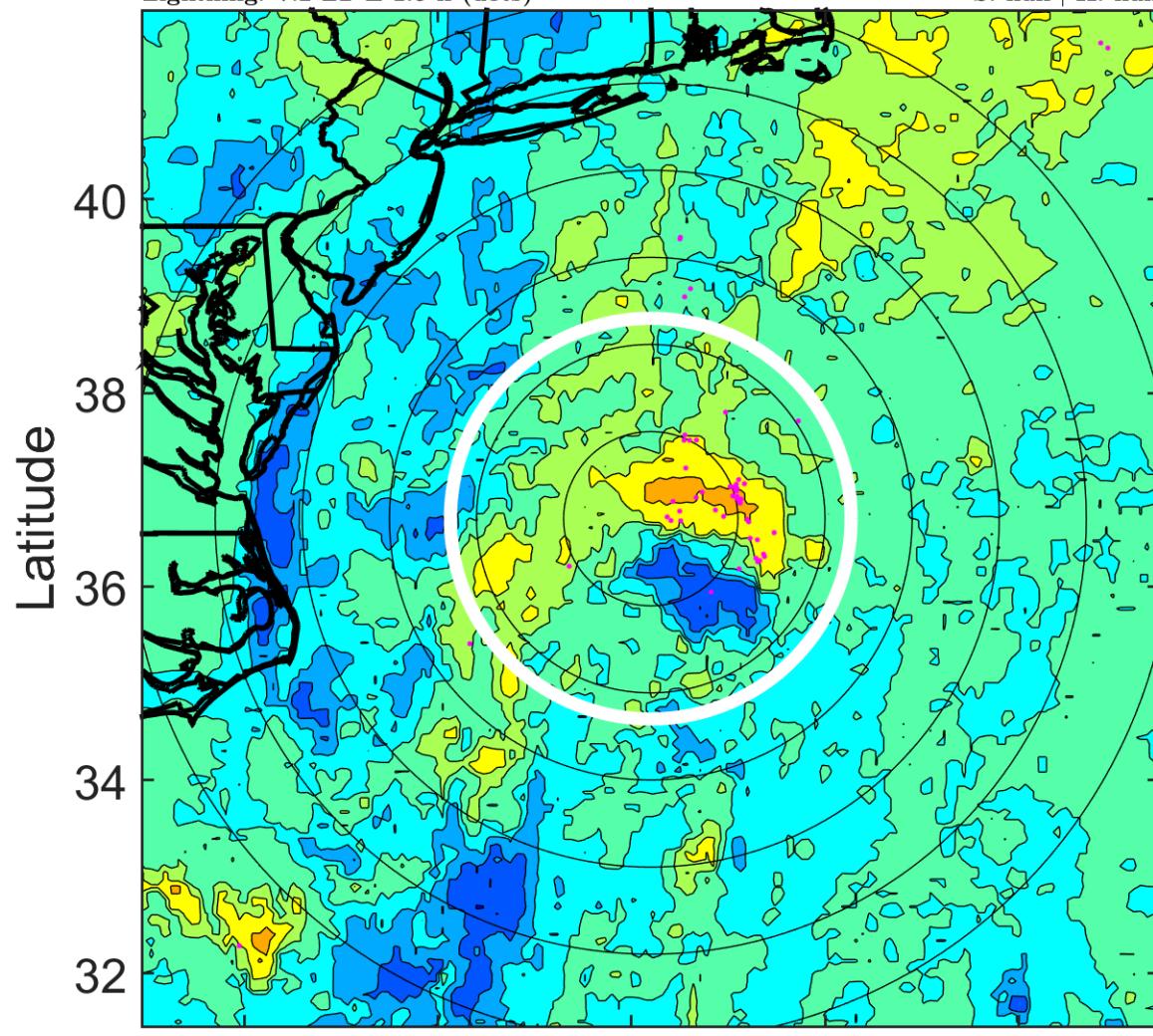
S: null | H: null

Latitude

40  
38  
36  
34  
32

-76 -74 -72 -70 -68

Longitude



### IR BT & Lightning

t: 2005101115 (10.2 LT)

Lightning: 10.2 LT  $\pm$  1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null

Latitude

42

40

38

36

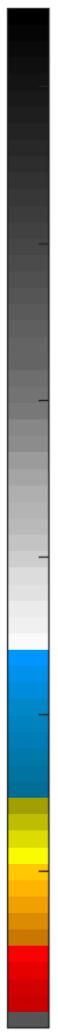
34

32

-76

-74

-72  
Longitude



### 6-h IR BT Differences & Lightning

$\Delta t$ : 2005101115 (10.2 LT) - 2005101109 (4.2 LT)

23L (TWENTY-TWO) | 30 kt EX

PT: LLCP | EA: QUASI

S: null | H: null

Latitude

42

40

38

36

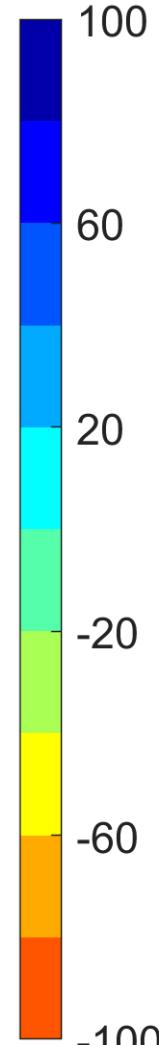
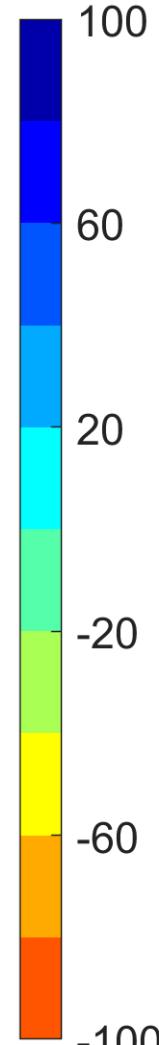
34

32

-76

-74

-72  
Longitude



### IR BT & Lightning

t: 2005101118 (13.2 LT)

Lightning: 13.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

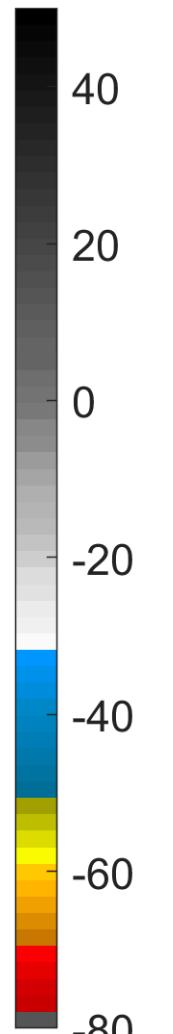
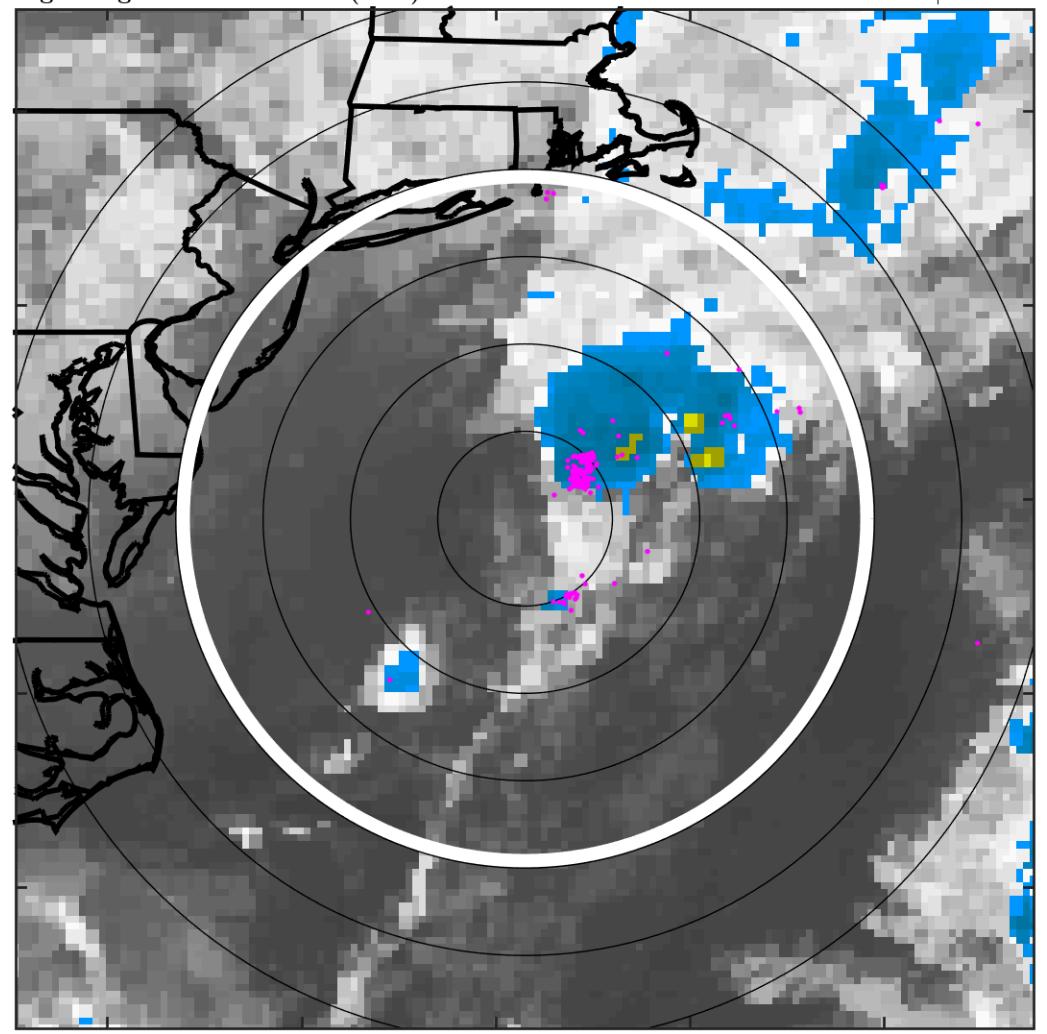
S: null | H: null

Latitude

42  
40  
38  
36  
34

-76 -74 -72 -70 -68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101118 (13.2 LT) - 2005101112 (7.2 LT)

23L (TWENTY-TWO) | 30 kt EX

PT: LLCP | EA: QUASI

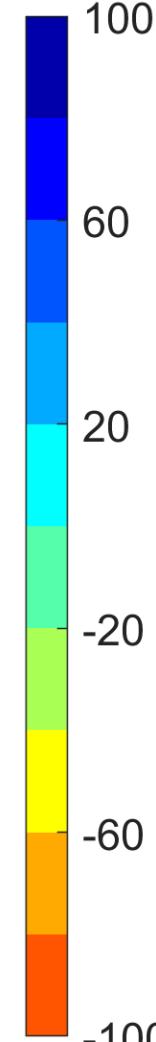
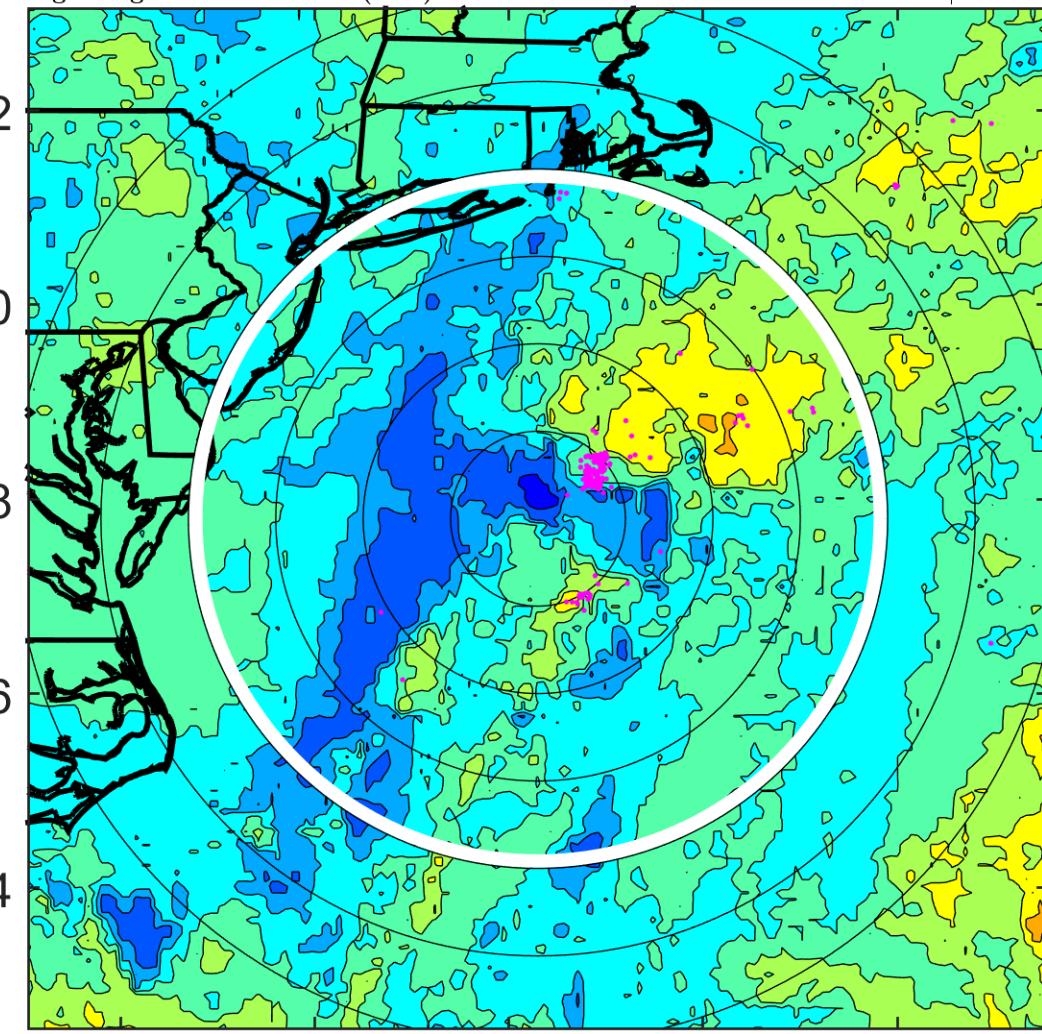
S: null | H: null

Latitude

42  
40  
38  
36  
34

-76 -74 -72 -70 -68

Longitude



### IR BT & Lightning

t: 2005101121 (16.2 LT)

Lightning: 16.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-76

-74

-72

-70

-68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101121 (16.2 LT) - 2005101115 (10.2 LT) 23L (TWENTY-TWO) | 30 kt EX

Lightning: 16.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

S: null | H: null

Latitude

42

40

38

36

34

-76

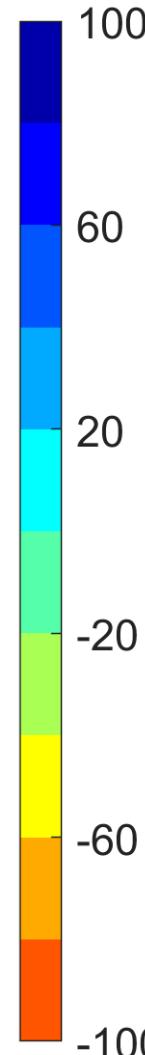
-74

-72

-70

-68

Longitude



### IR BT & Lightning

t: 2005101200 (19.2 LT)

Lightning: 19.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-76

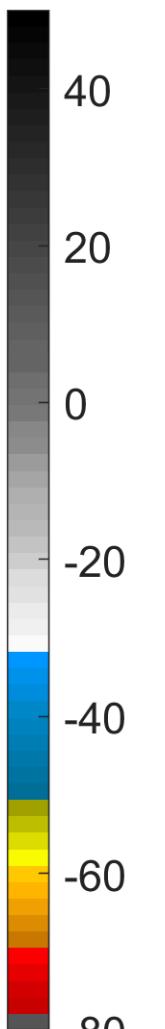
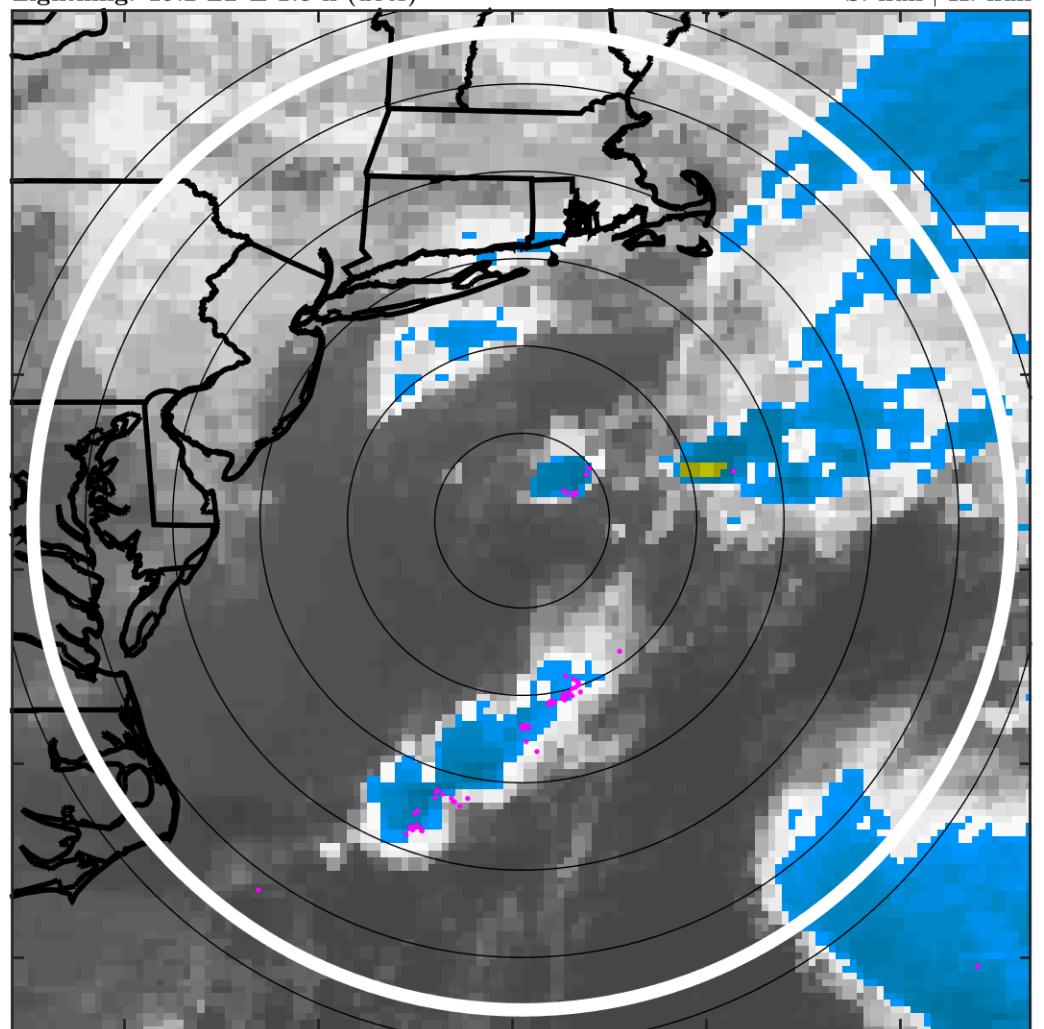
-74

-72

-70

-68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101200 (19.2 LT) - 2005101118 (13.2 LT) 23L (TWENTY-TWO) | 30 kt EX

Lightning: 19.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-76

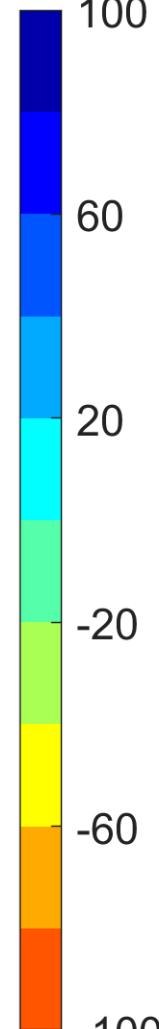
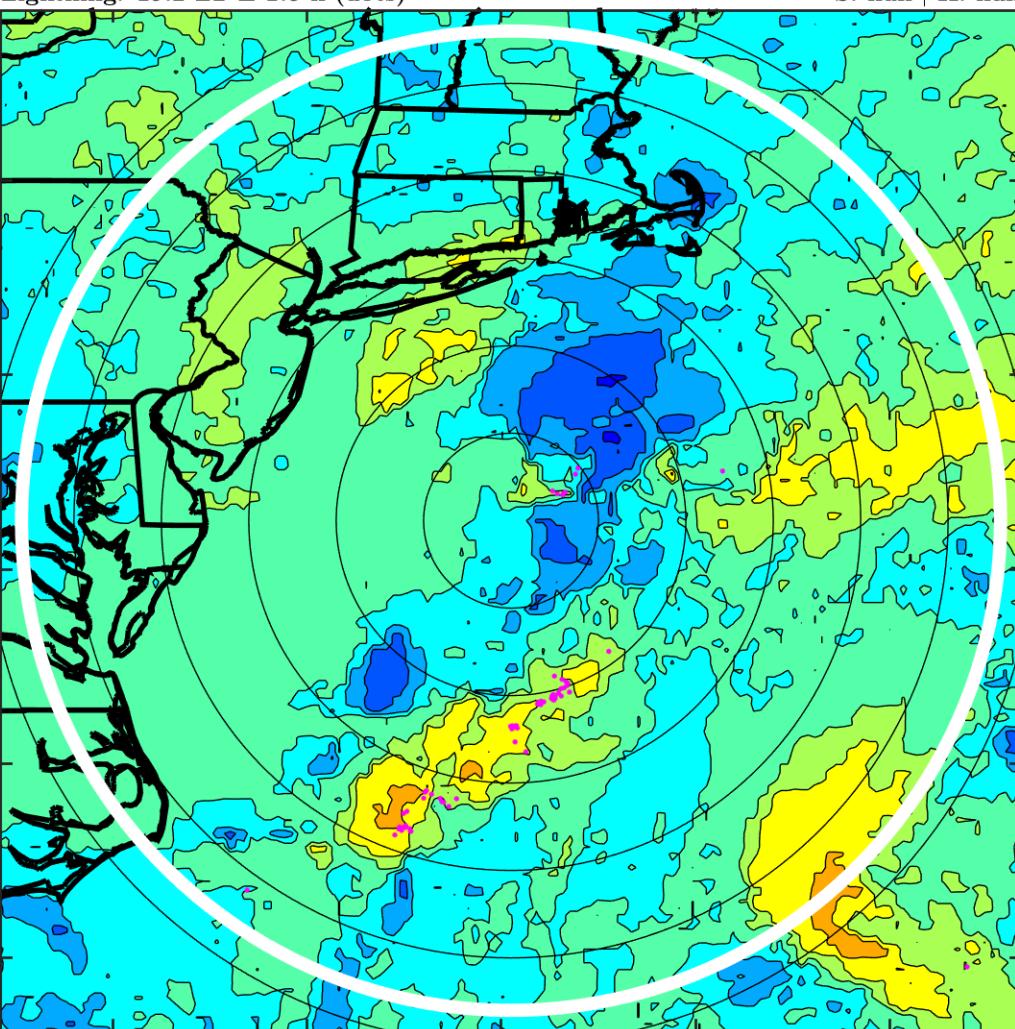
-74

-72

-70

-68

Longitude



### IR BT & Lightning

t: 2005101203 (22.2 LT)

Lightning: 22.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-76

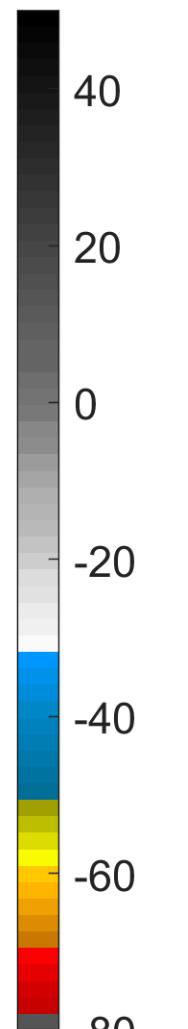
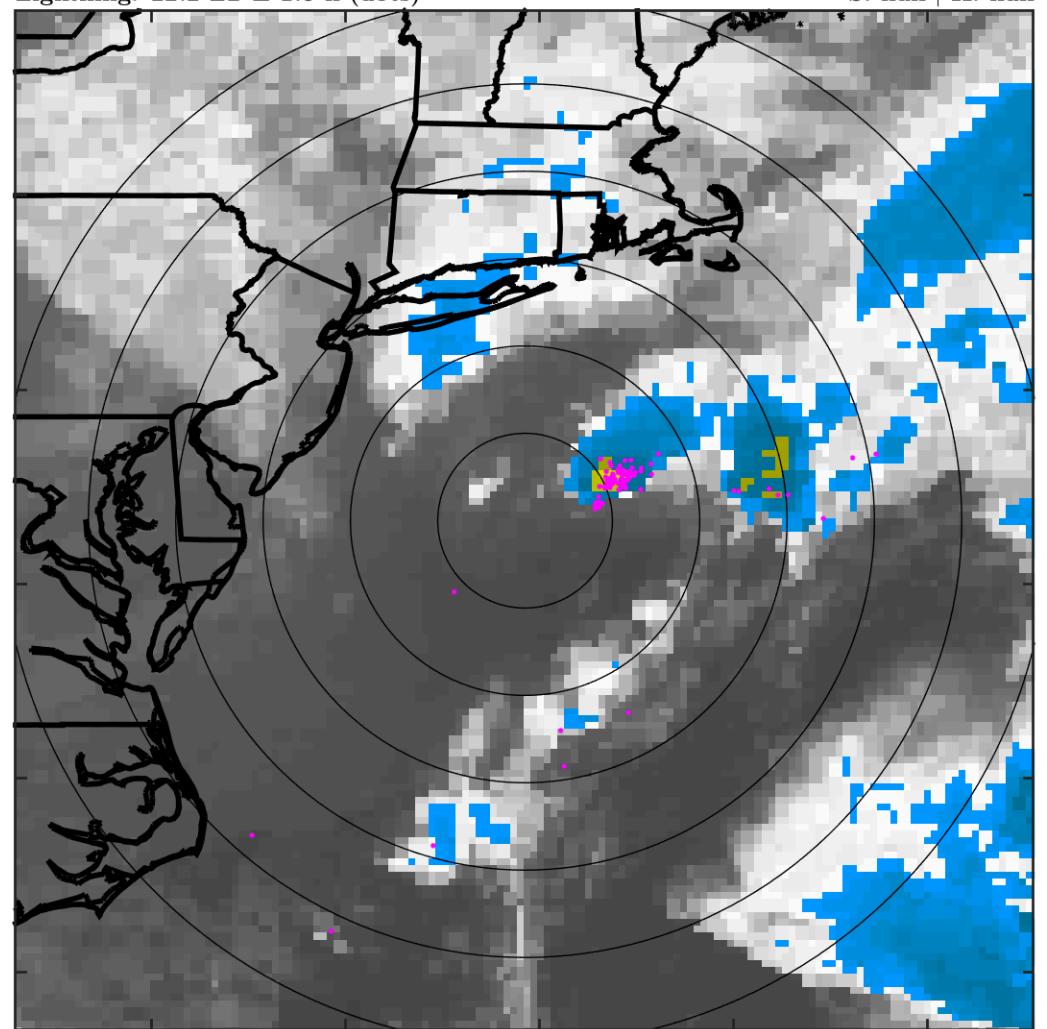
-74

-72

-70

-68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101203 (22.2 LT) - 2005101121 (16.2 LT) 23L (TWENTY-TWO) | 30 kt EX

Lightning: 22.2 LT ± 1.5 h (dots)

PT: LLCP | EA: QUASI

S: null | H: null

Latitude

42

40

38

36

34

-76

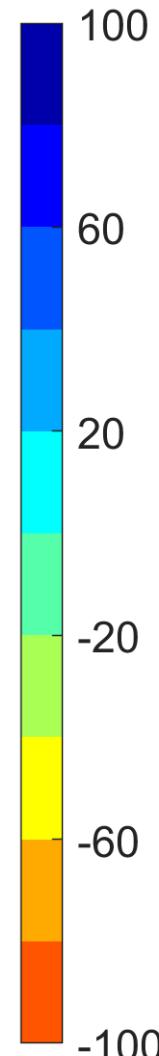
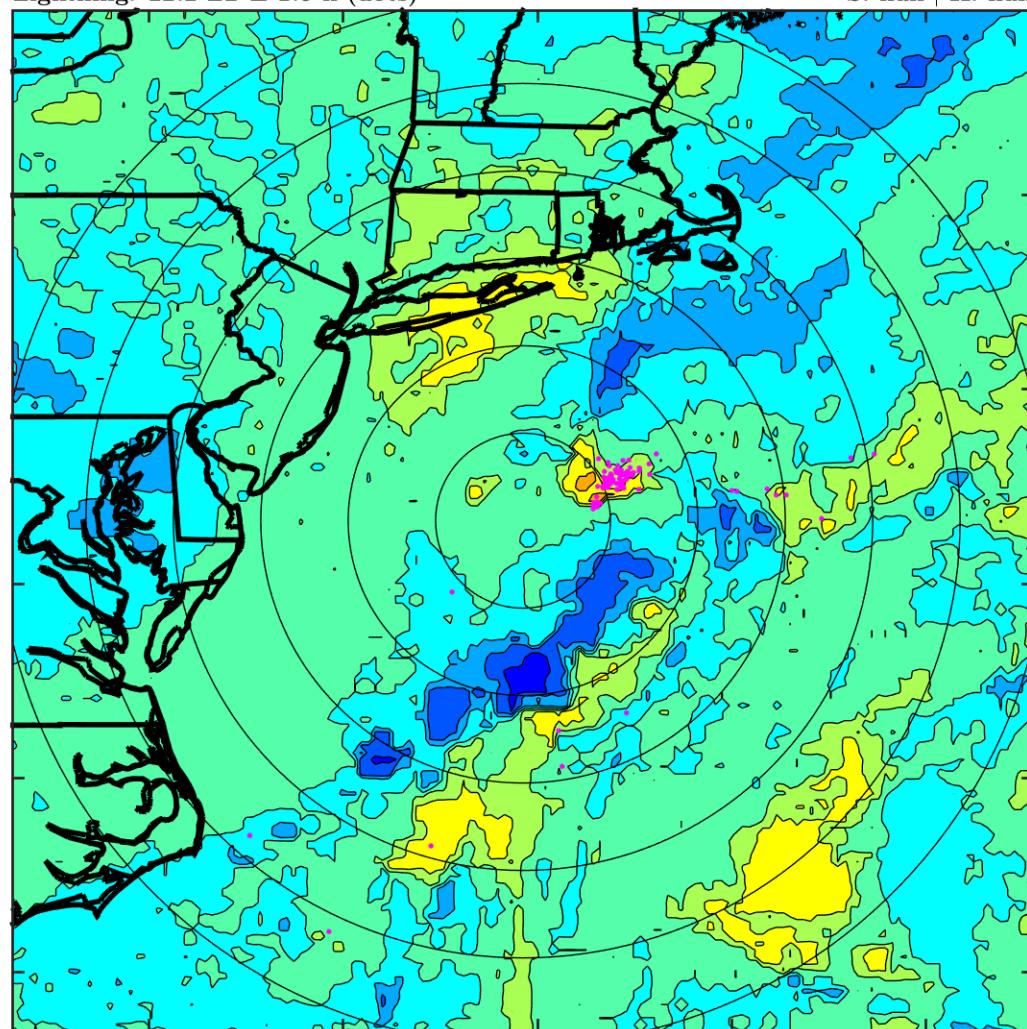
-74

-72

-70

-68

Longitude



### IR BT & Lightning

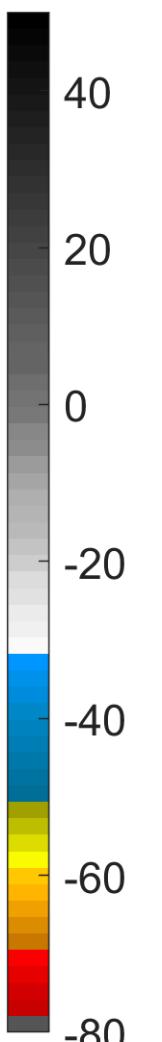
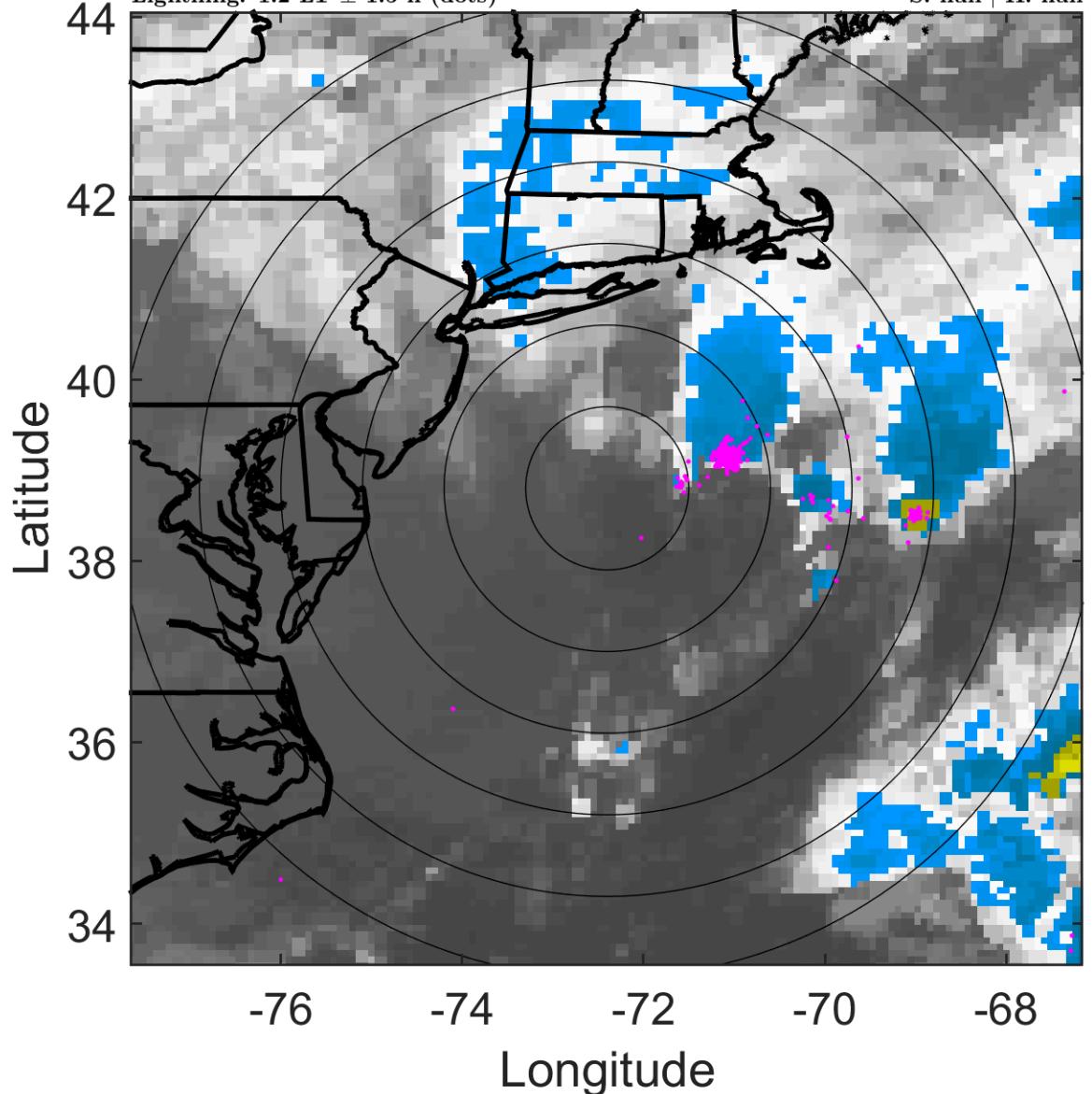
t: 2005101206 (1.2 LT)

Lightning: 1.2 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null



### 6-h IR BT Differences & Lightning

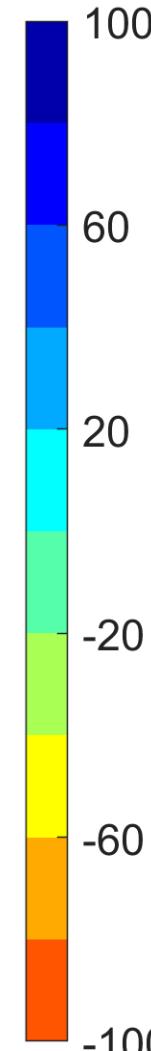
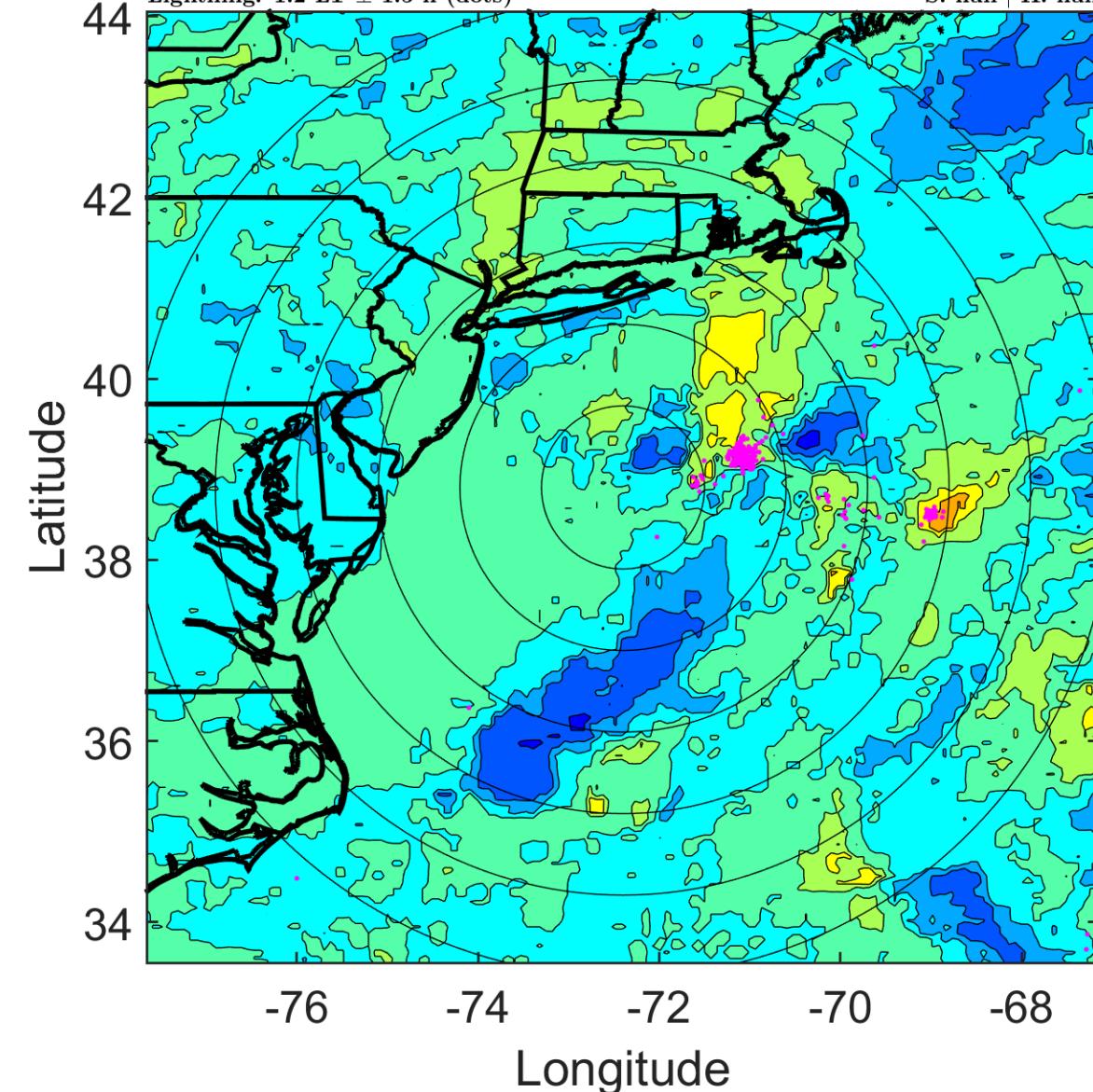
Δt: 2005101206 (1.2 LT) - 2005101200 (19.2 LT) 23L (TWENTY-TWO) | 30 kt EX

Lightning: 1.2 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null



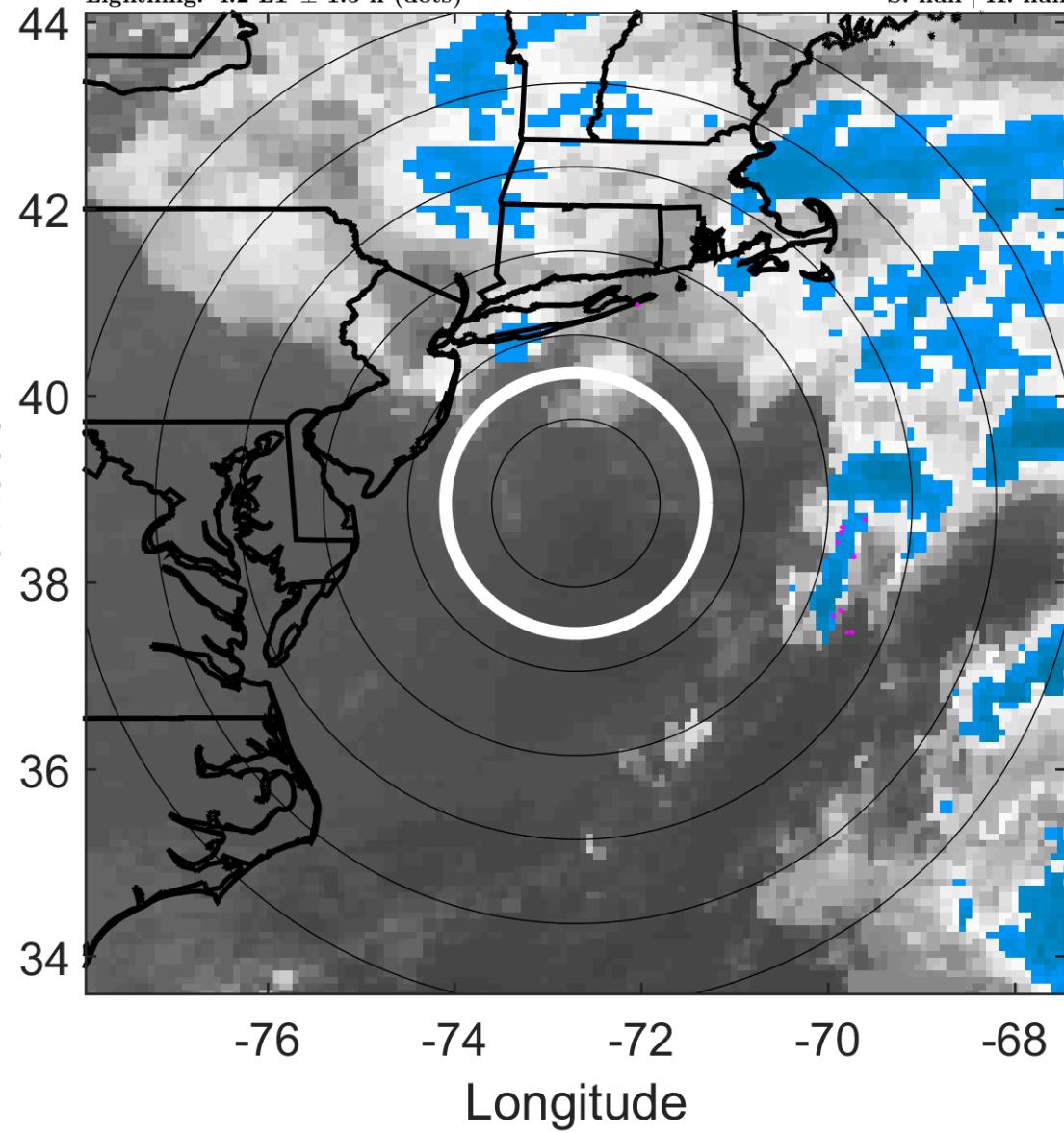
### IR BT & Lightning

t: 2005101209 (4.2 LT)

Lightning: 4.2 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 32.5 kt EX  
S: null | H: null

Latitude

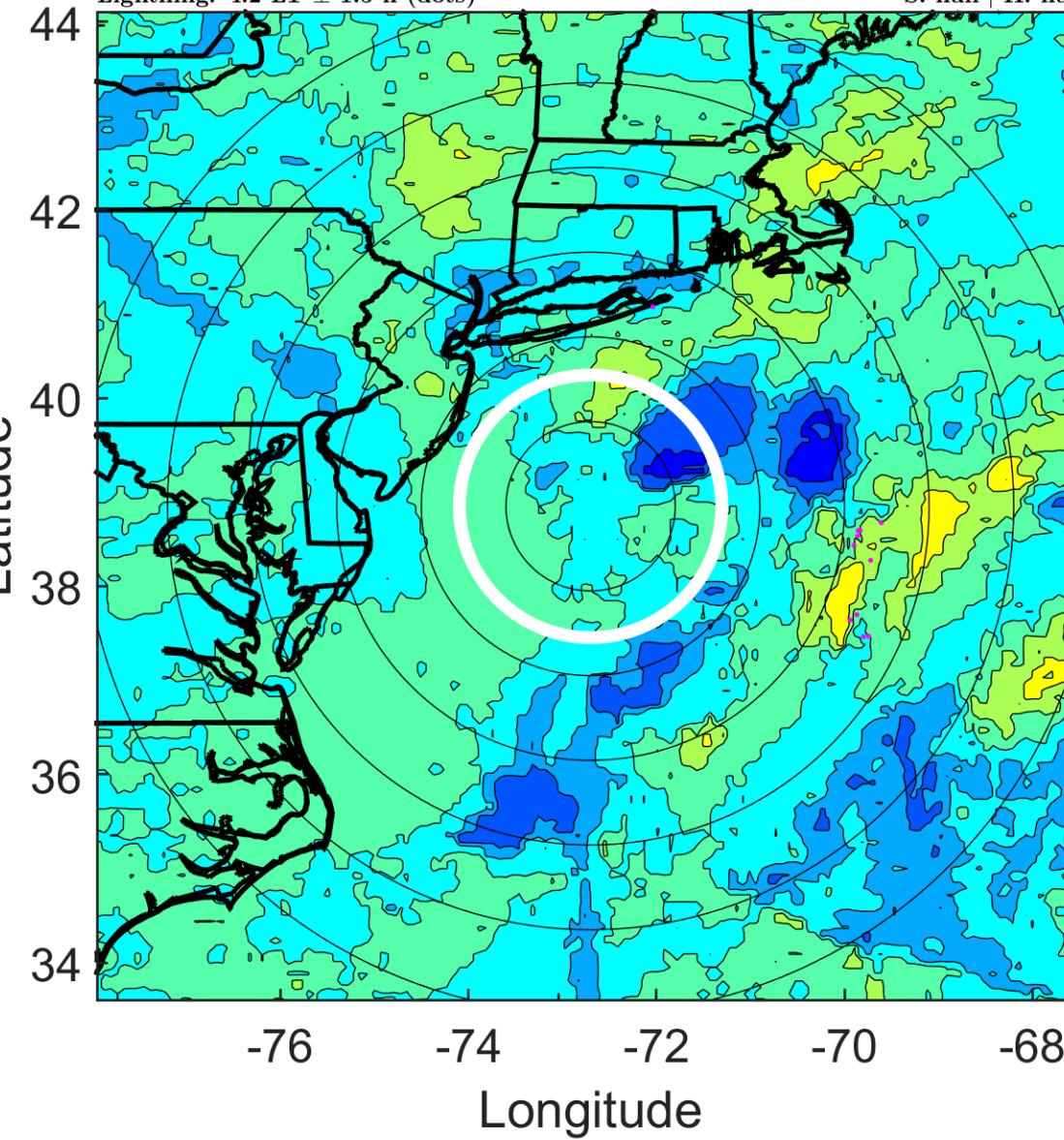


### 6-h IR BT Differences & Lightning

Δt: 2005101209 (4.2 LT) - 2005101203 (22.2 LT)  
Lightning: 4.2 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 32.5 kt EX  
S: null | H: null

Latitude



100

60

20

-20

-60

-100

### IR BT & Lightning

t: 2005101212 (7.1 LT)

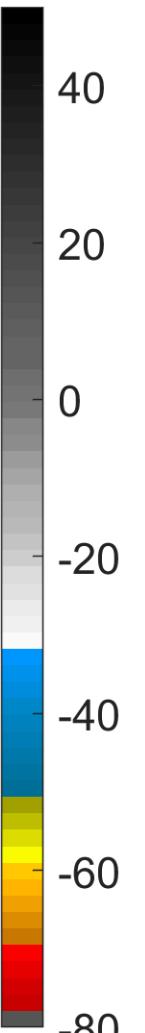
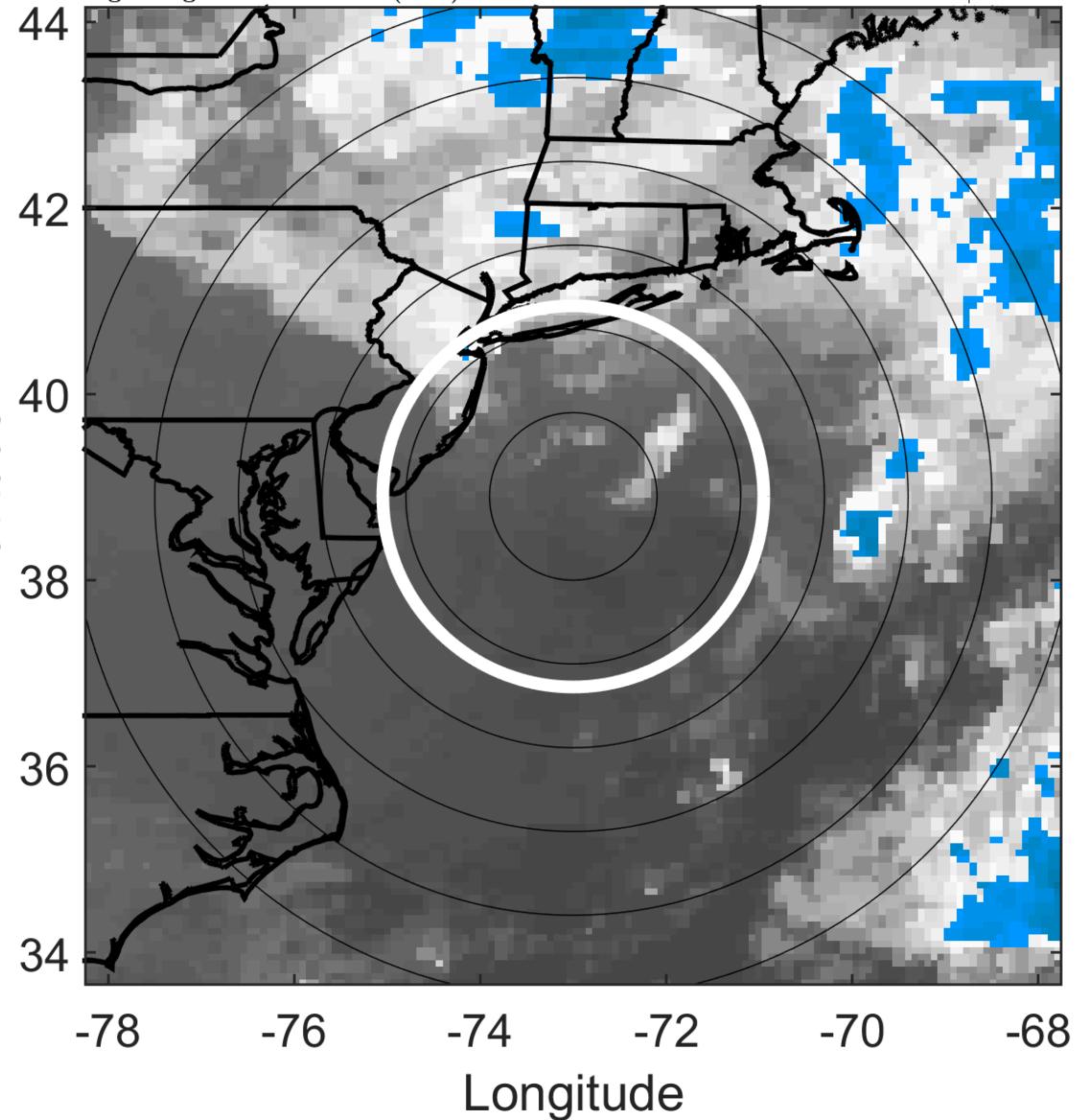
Lightning: 7.1 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 35 kt EX

S: null | H: null

Latitude



### 6-h IR BT Differences & Lightning

Δt: 2005101212 (7.1 LT) - 2005101206 (1.2 LT)

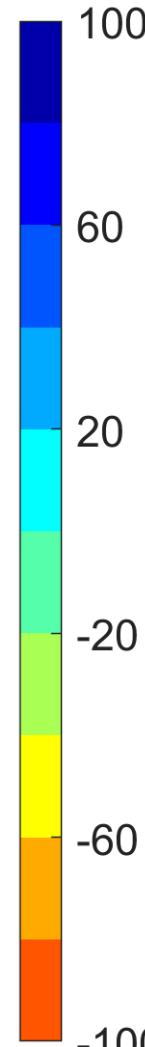
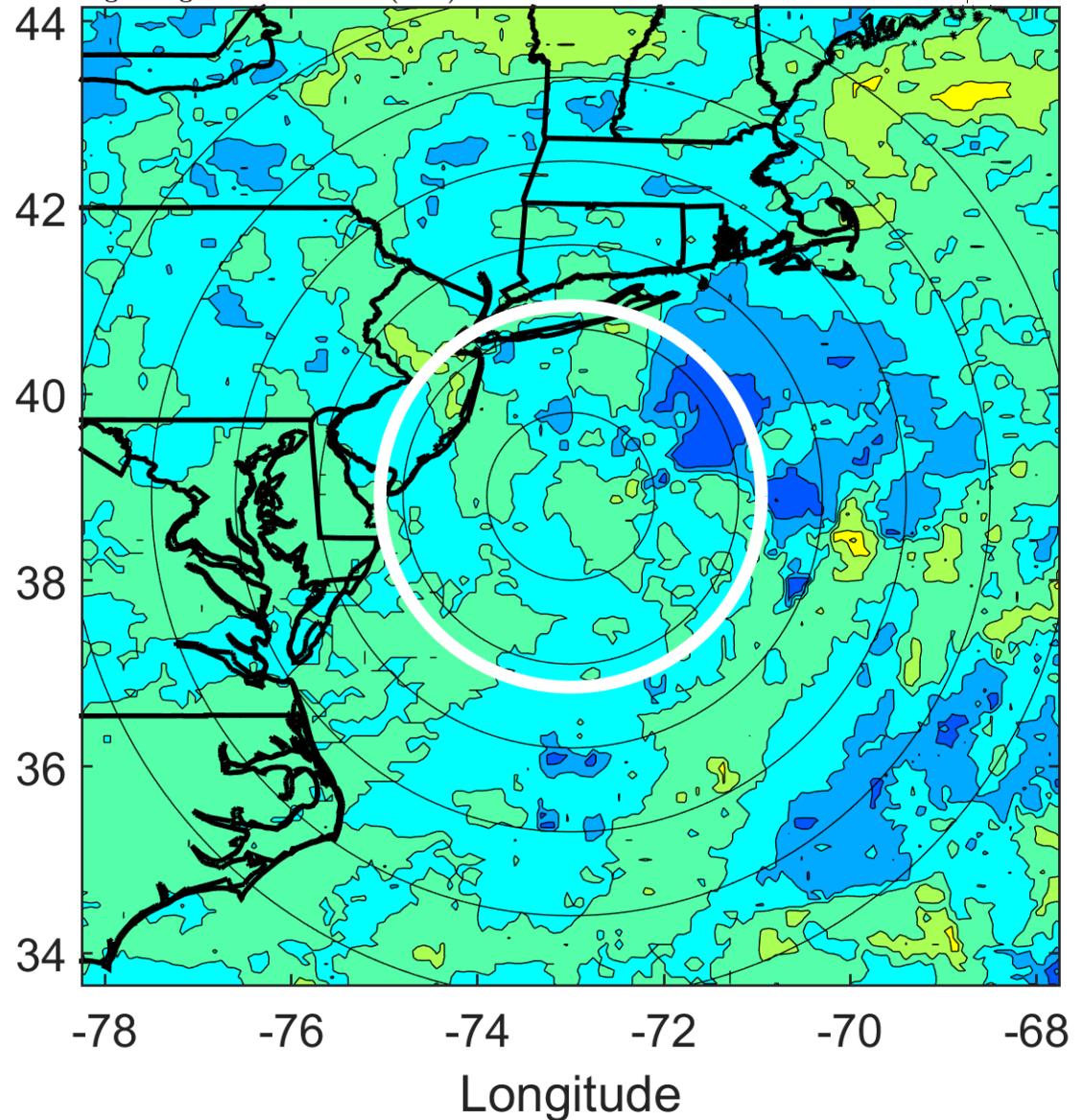
Lightning: 7.1 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 35 kt EX

S: null | H: null

Latitude

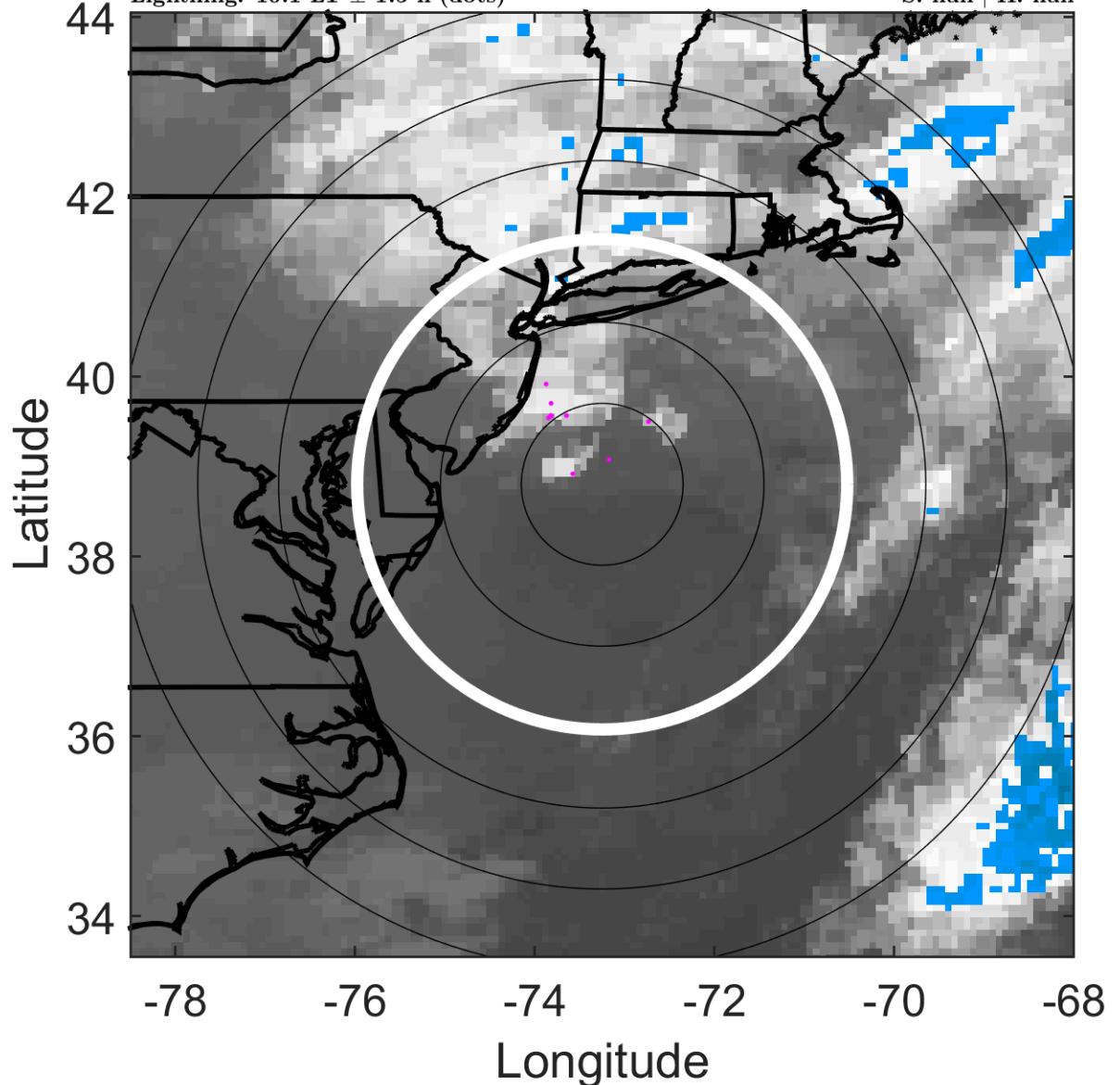


### IR BT & Lightning

t: 2005101215 (10.1 LT)

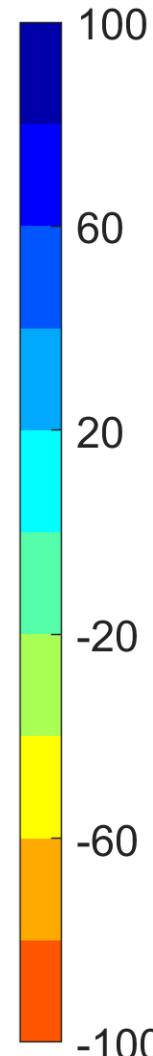
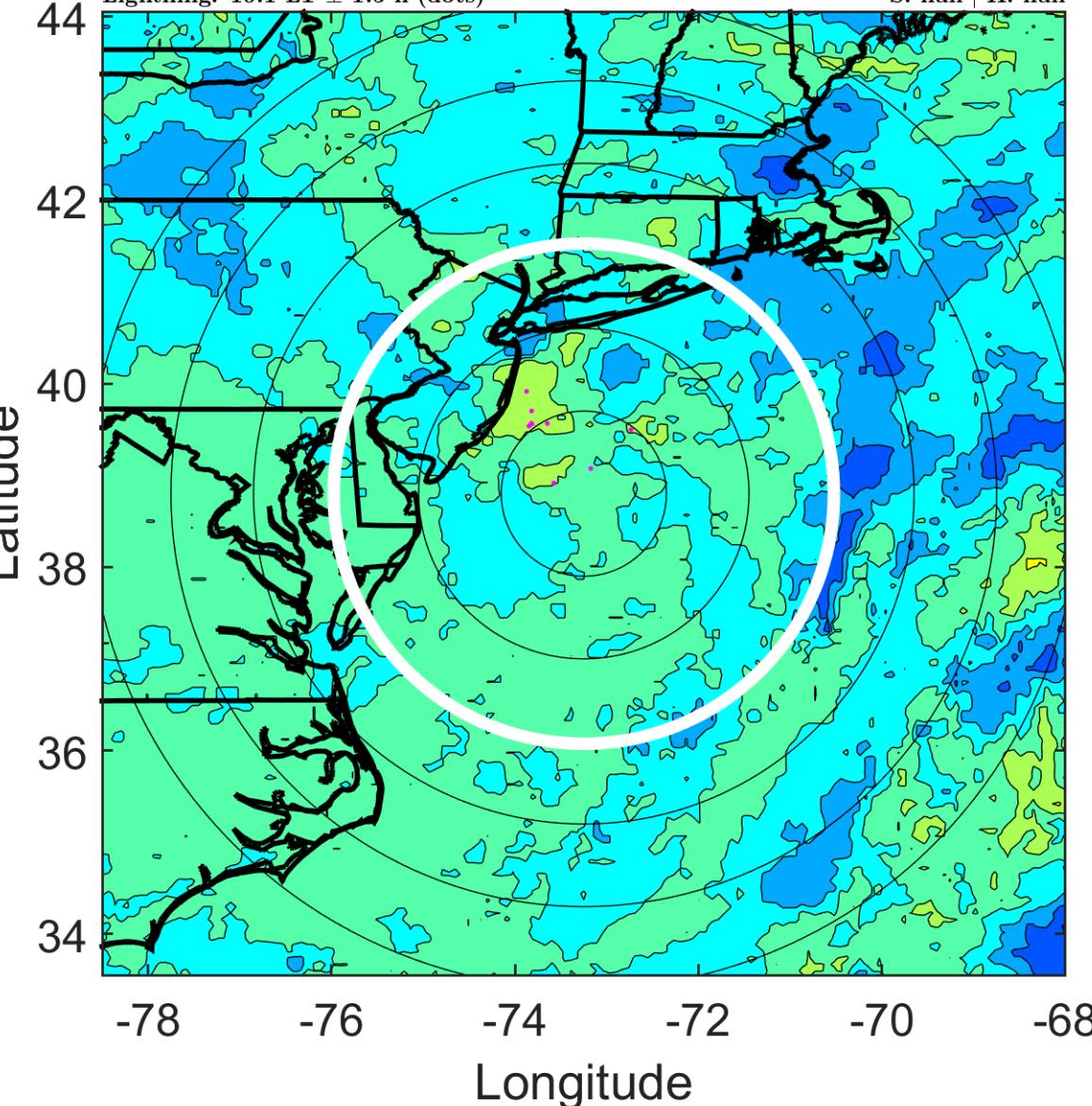
Lightning: 10.1 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT  
23L (TWENTY-TWO) | 37.5 kt EX  
S: null | H: null



### 6-h IR BT Differences & Lightning

Δt: 2005101215 (10.1 LT) - 2005101209 (4.2 LT)  
23L (TWENTY-TWO) | 37.5 kt EX  
Lightning: 10.1 LT ± 1.5 h (dots)  
S: null | H: null



### IR BT & Lightning

t: 2005101218 (13.1 LT)

Lightning: 13.1 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101218 (13.1 LT) - 2005101212 (7.1 LT)

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

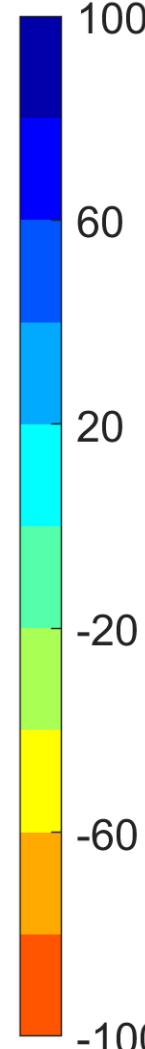
-76

-74

-72

-70

Longitude



### IR BT & Lightning

t: 2005101221 (16.1 LT)

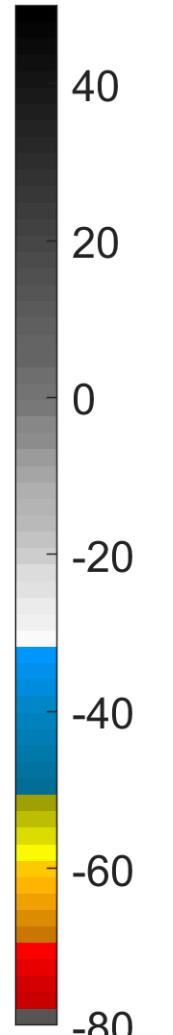
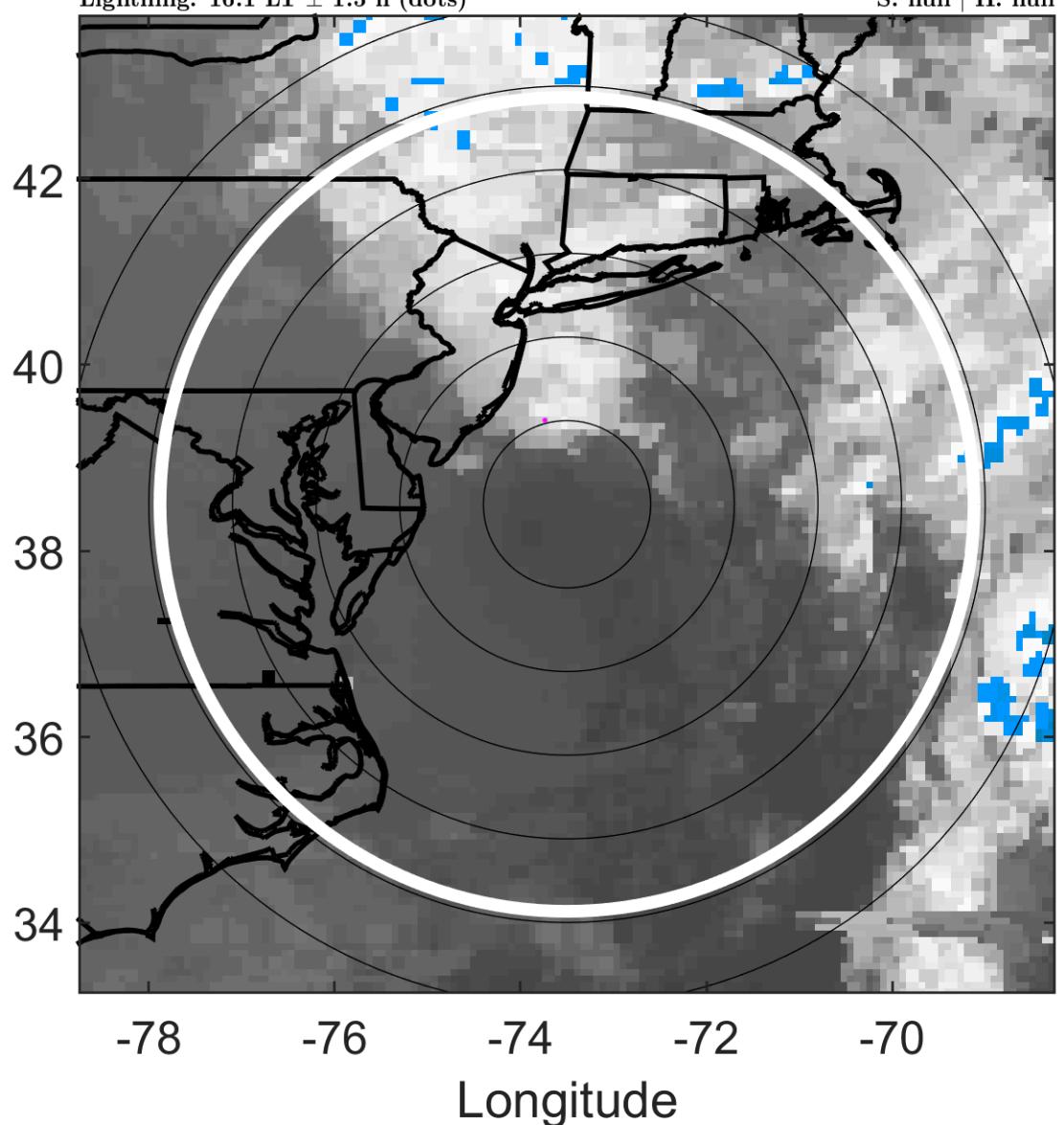
Lightning: 16.1 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude



### 6-h IR BT Differences & Lightning

Δt: 2005101221 (16.1 LT) - 2005101215 (10.1 LT) 23L (TWENTY-TWO) | 40 kt EX

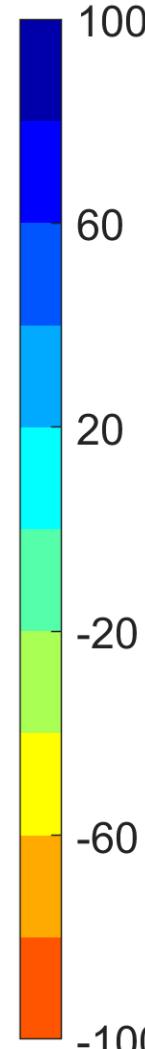
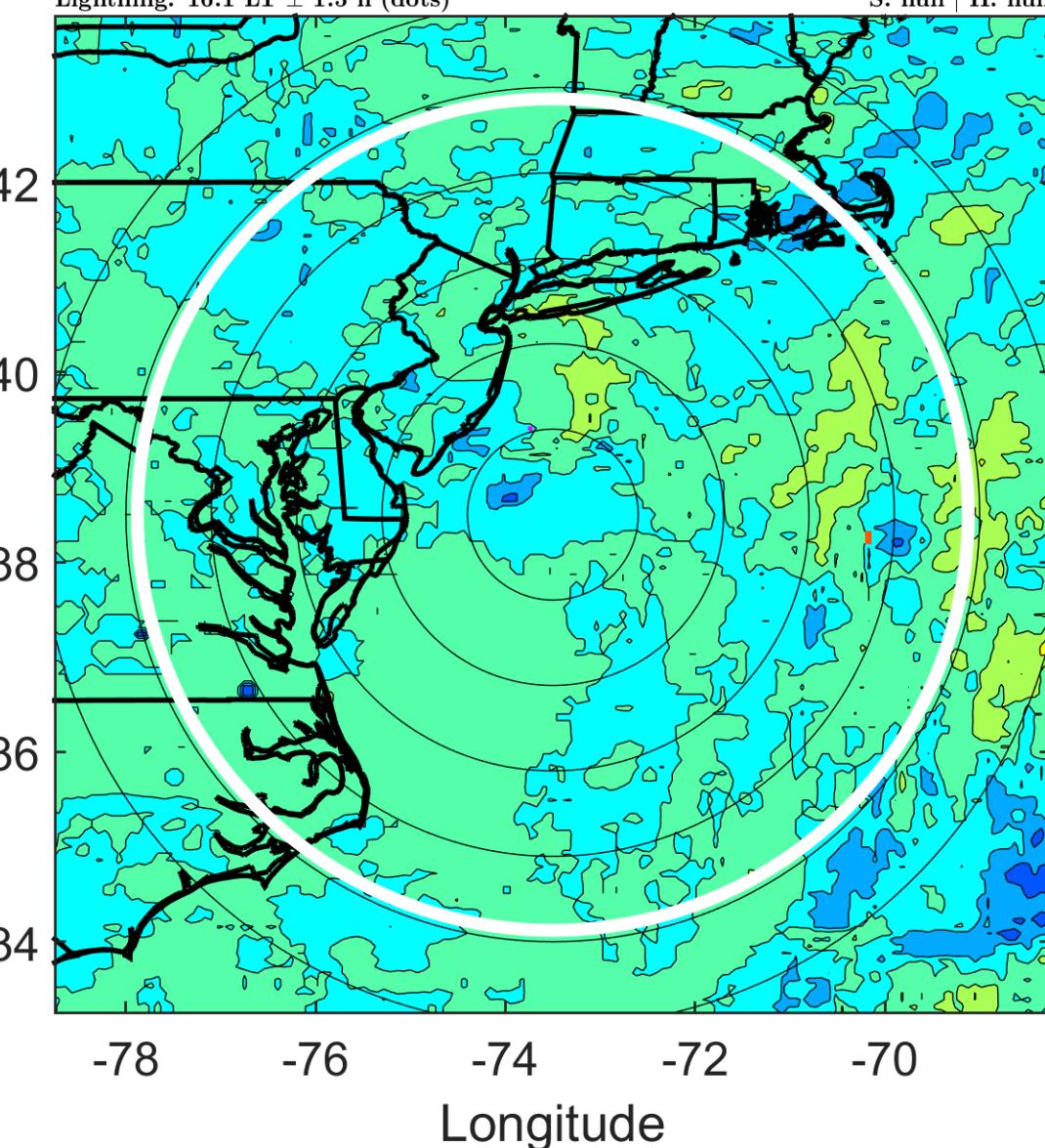
Lightning: 16.1 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude



### IR BT & Lightning

t: 2005101300 (19.1 LT)

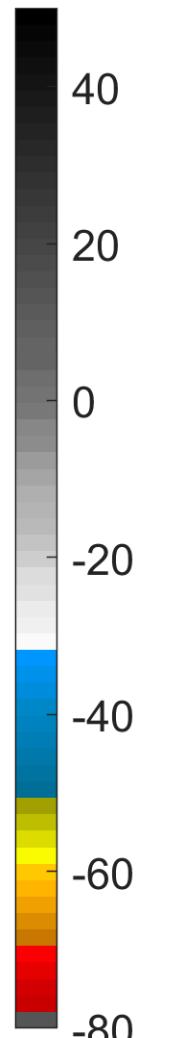
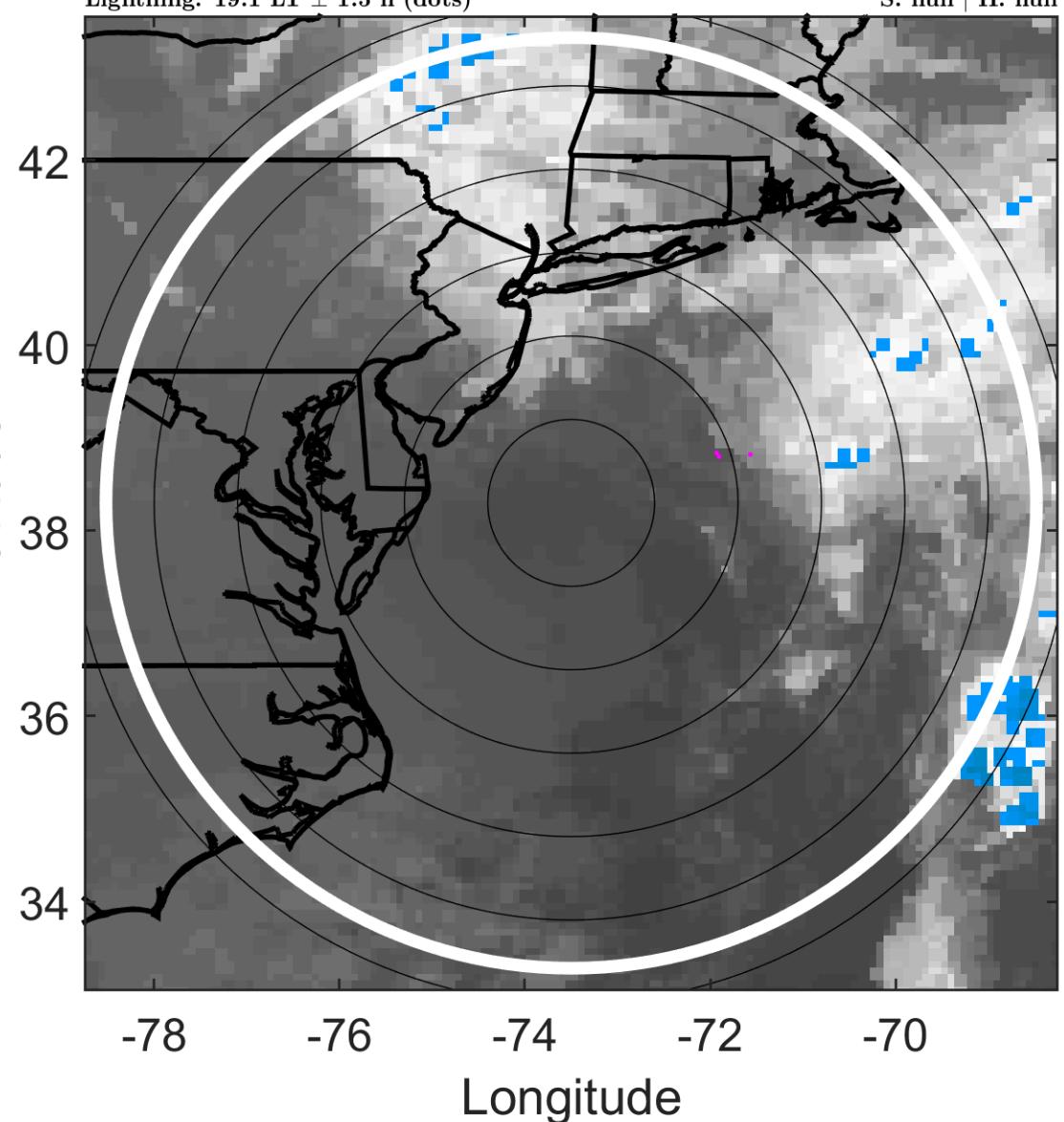
Lightning: 19.1 LT  $\pm$  1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude



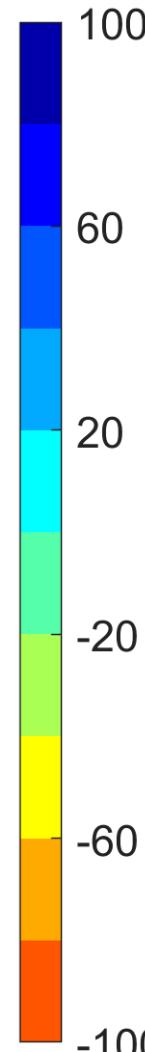
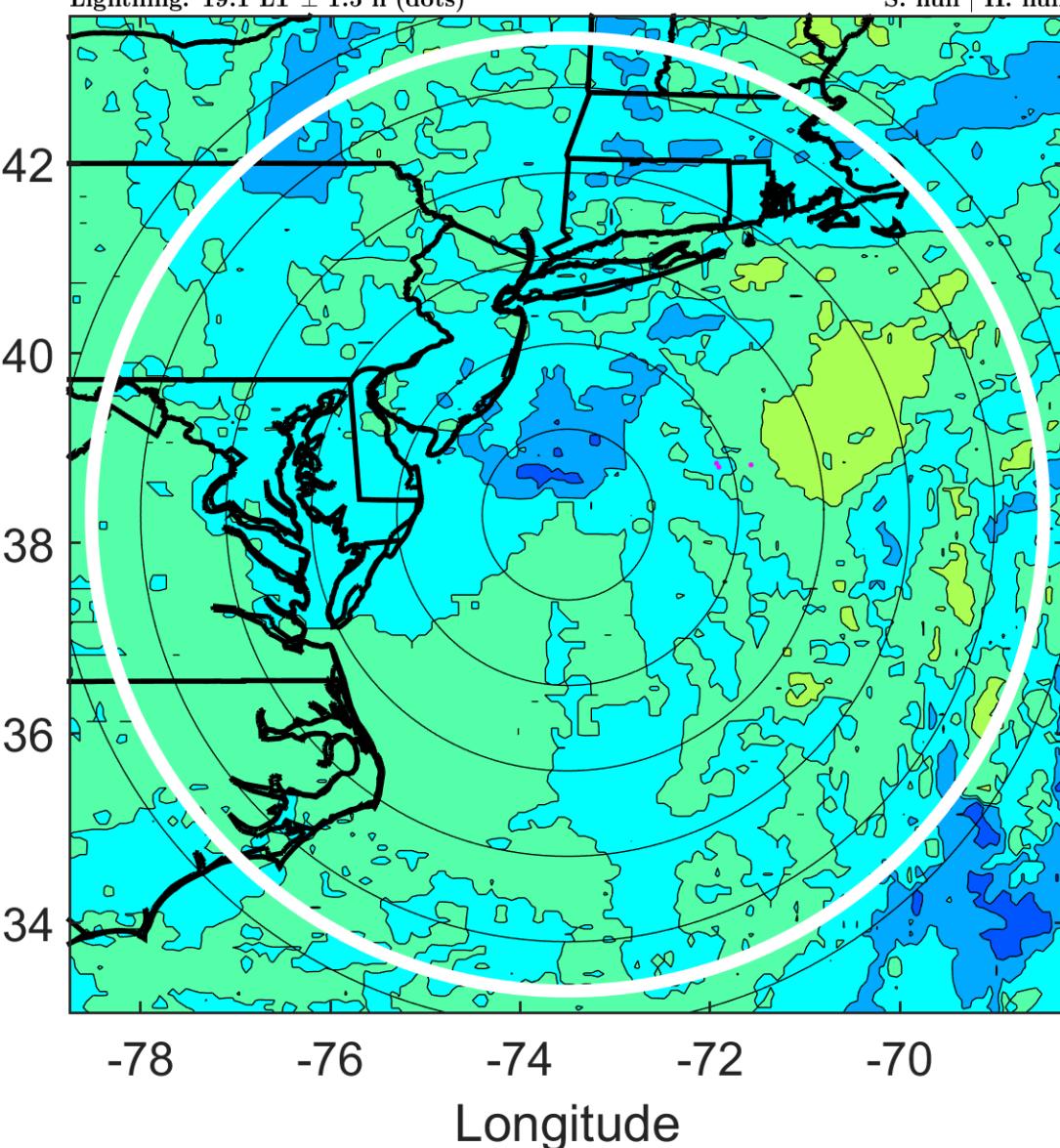
### 6-h IR BT Differences & Lightning

PT: LLWP | EA: INACT

$\Delta t$ : 2005101300 (19.1 LT) - 2005101218 (13.1 LT) 23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude



### IR BT & Lightning

t: 2005101303 (22.1 LT)

Lightning: 22.1 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

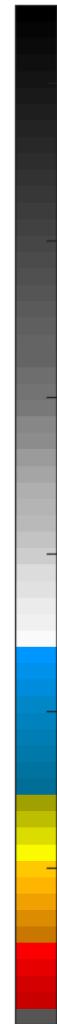
-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101303 (22.1 LT) - 2005101221 (16.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 22.1 LT ± 1.5 h (dots)

PT: LLWP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

40

20

0

-20

-40

-60

-80

-78

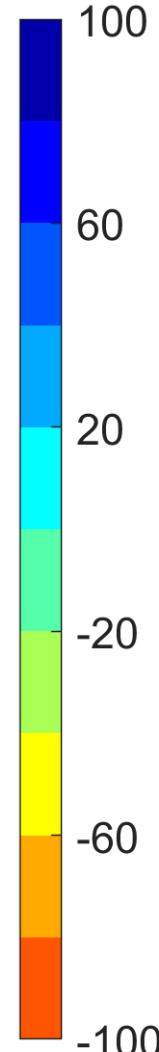
-76

-74

-72

-70

Longitude



### IR BT & Lightning

t: 2005101306 (1.1 LT)

Lightning: 1.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

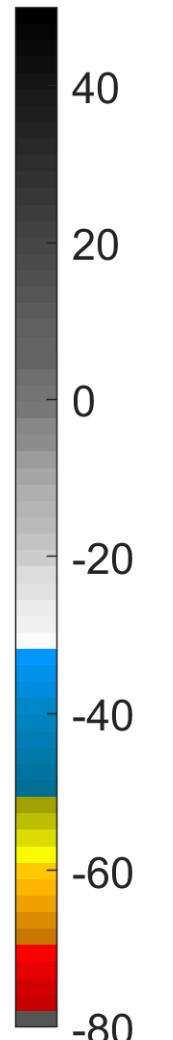
S: null | H: null

Latitude

42  
40  
38  
36  
34

-78 -76 -74 -72 -70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101306 (1.1 LT) - 2005101300 (19.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 1.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

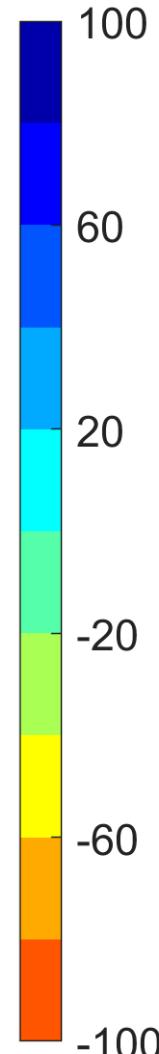
S: null | H: null

Latitude

42  
40  
38  
36  
34

-78 -76 -74 -72 -70

Longitude



### IR BT & Lightning

t: 2005101309 (4.1 LT)

Lightning: 4.1 LT  $\pm$  1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

-76

-74

-72

-70

-68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101309 (4.1 LT) - 2005101303 (22.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 4.1 LT  $\pm$  1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

42

40

38

36

34

-78

-76

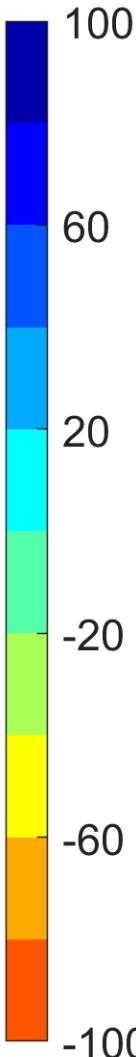
-74

-72

-70

-68

Longitude



### IR BT & Lightning

t: 2005101312 (7.1 LT)

Lightning: 7.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

32

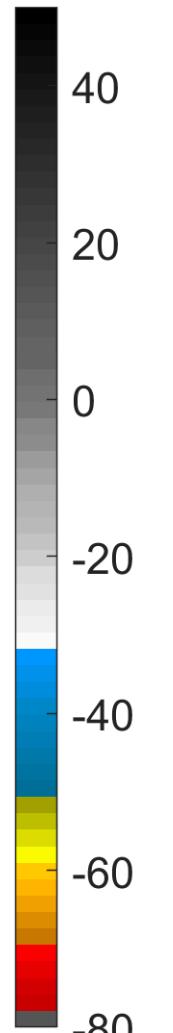
-78

-76

-74 -72

-70 -68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101312 (7.1 LT) - 2005101306 (1.1 LT)

Lightning: 7.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

32

-78

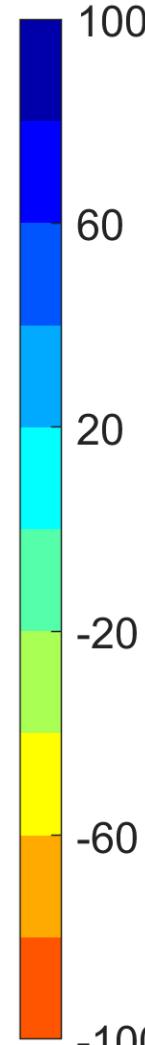
-76

-74 -72

-70

-68

Longitude



### IR BT & Lightning

t: 2005101315 (10.1 LT)

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

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

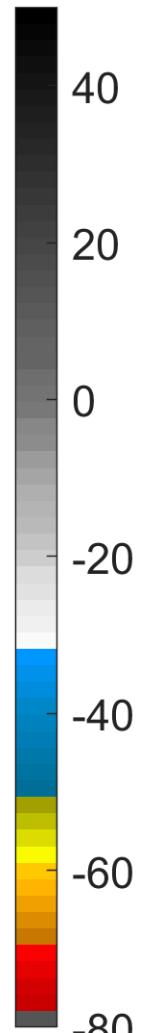
S: null | H: null

Latitude

42  
40  
38  
36  
34

-78 -76 -74 -72 -70 -68

Longitude



### 6-h IR BT Differences & Lightning

PT: NP | EA: INACT

$\Delta t$ : 2005101315 (10.1 LT) - 2005101309 (4.1 LT) 23L (TWENTY-TWO) | 40 kt EX

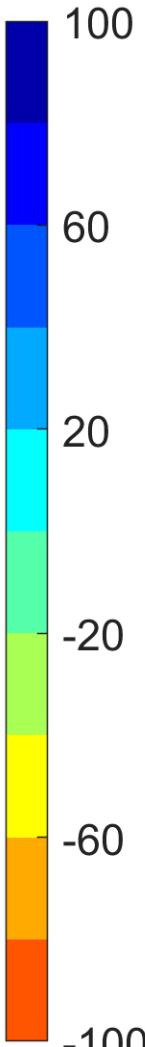
S: null | H: null

Latitude

42  
40  
38  
36  
34

-78 -76 -74 -72 -70 -68

Longitude



### IR BT & Lightning

t: 2005101318 (13.1 LT)

Lightning: 13.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

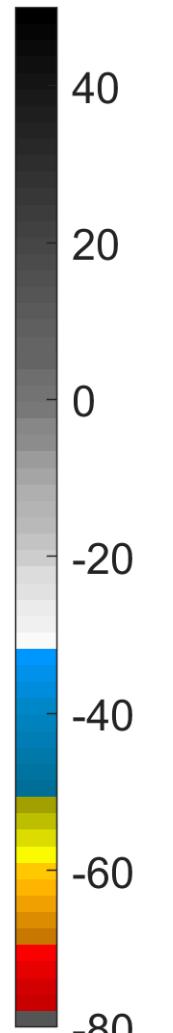
-78

-76

-74 -72

-70 -68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101318 (13.1 LT) - 2005101312 (7.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 13.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

42

40

38

36

34

-78

-76

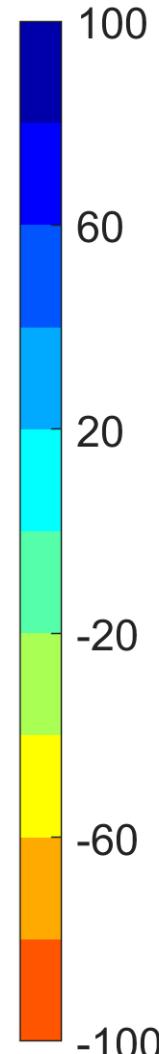
-74

-72

-70

-68

Longitude



### IR BT & Lightning

t: 2005101321 (16.1 LT)

Lightning: 16.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

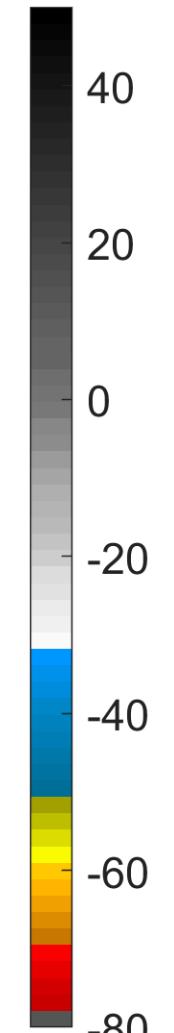
-76

-74 -72

-70

-68

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101321 (16.1 LT) - 2005101315 (10.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 16.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

42

20

0

-20

-40

-60

-80

-78

-76

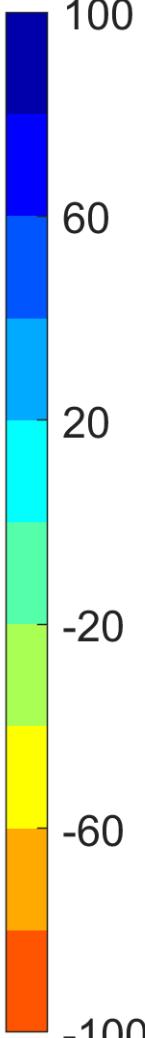
-74

-72

-70

-68

Longitude



### IR BT & Lightning

t: 2005101400 (19.1 LT)

Lightning: 19.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

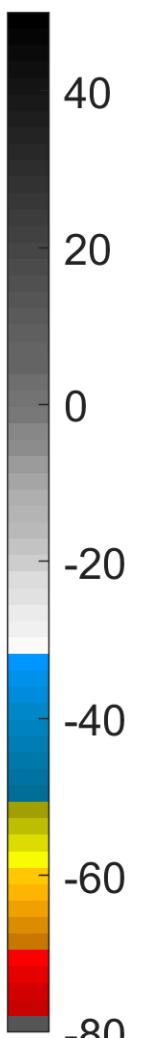
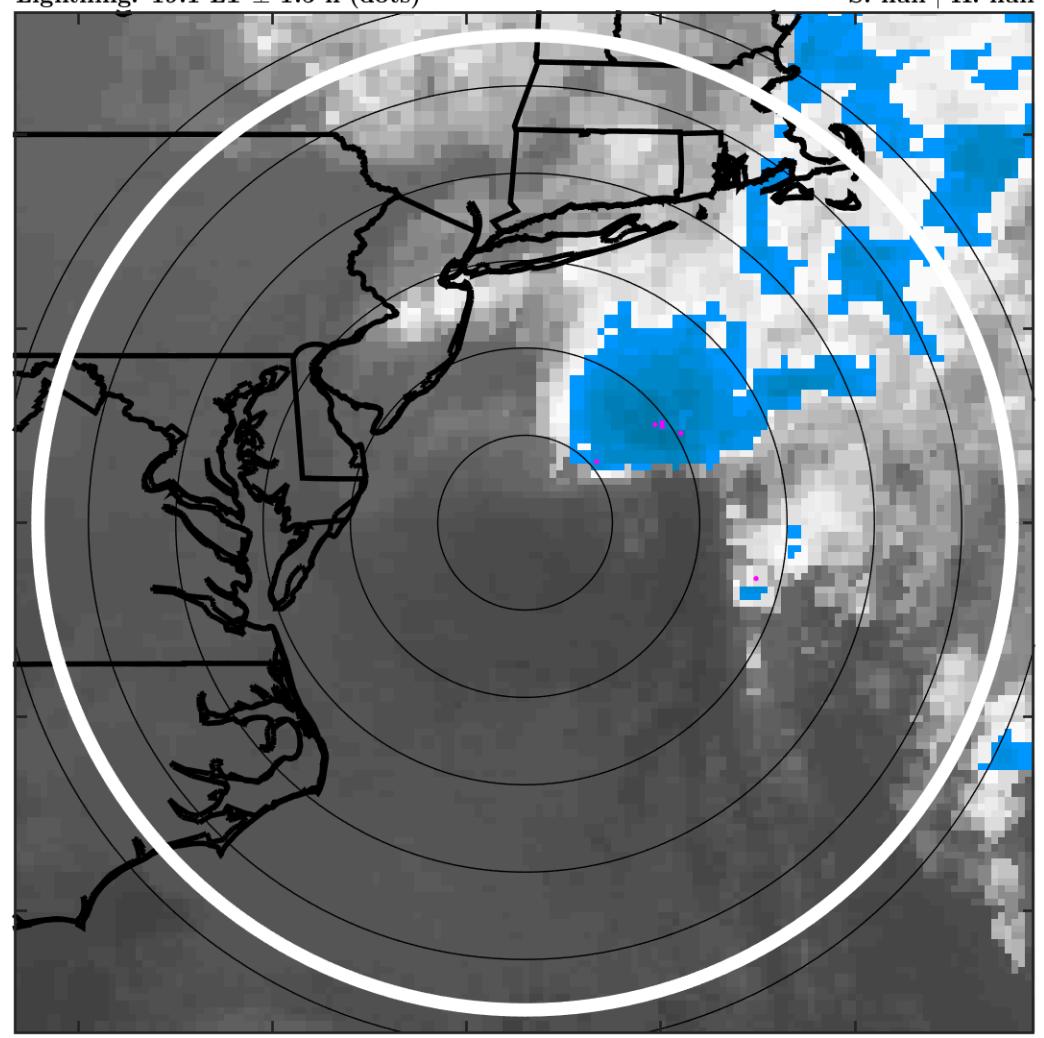
-78

-76

-74 -72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101400 (19.1 LT) - 2005101318 (13.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 19.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

40

20

0

-20

-40

-60

-80

-78

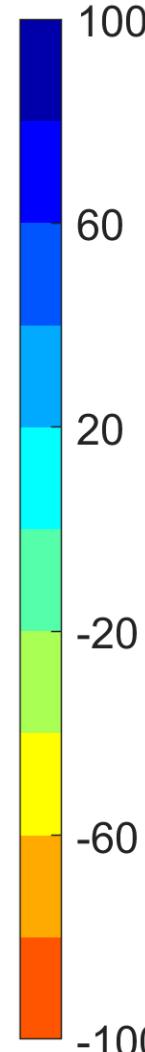
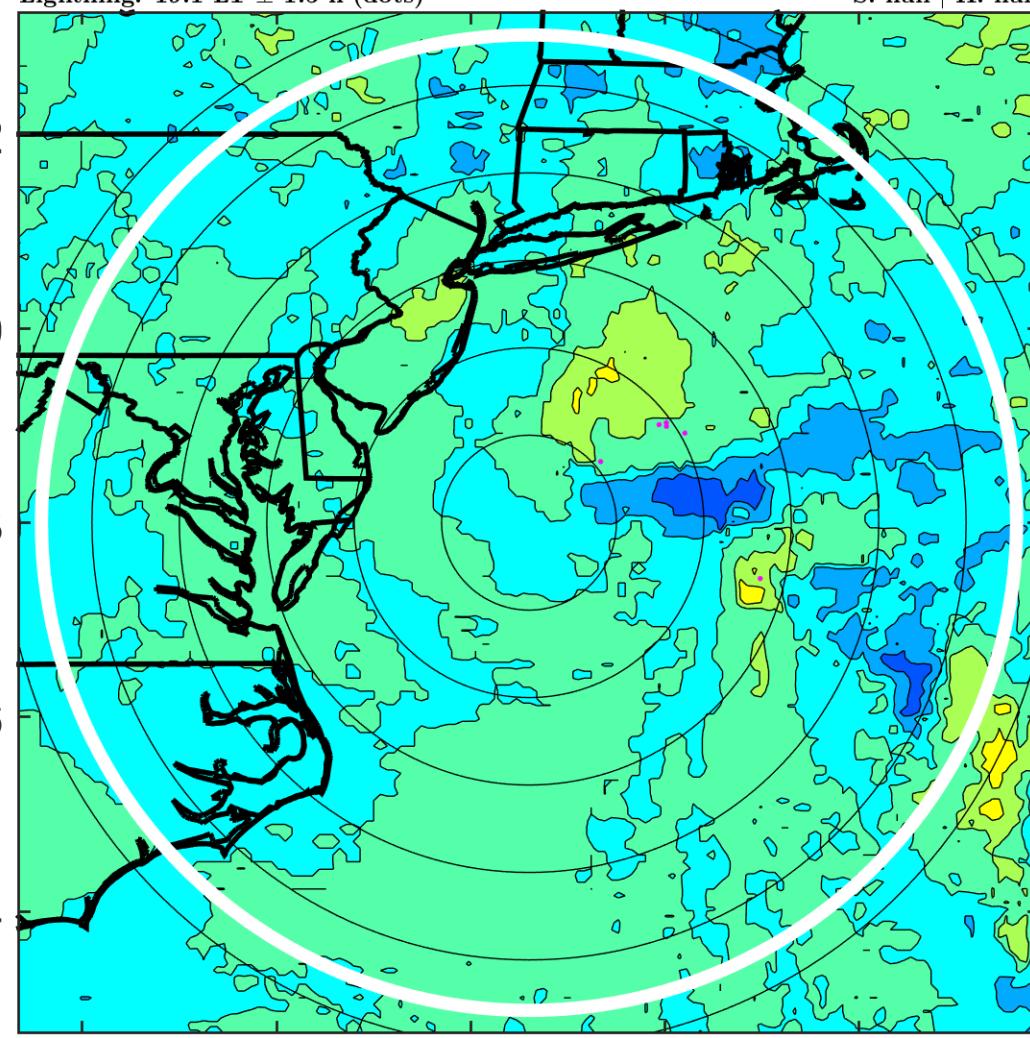
-76

-74

-72

-70

Longitude



### IR BT & Lightning

t: 2005101403 (22.1 LT)

Lightning: 22.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101403 (22.1 LT) - 2005101321 (16.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 22.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

42

40

38

36

34

-78

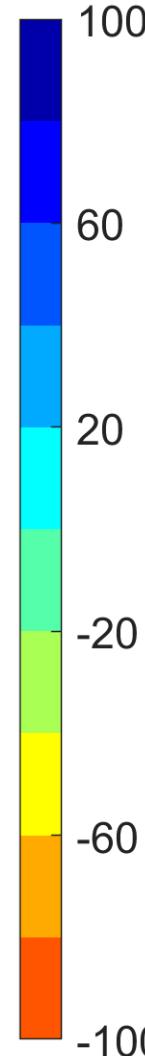
-76

-74

-72

-70

Longitude



### IR BT & Lightning

t: 2005101406 (1.1 LT)

Lightning: 1.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 40 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

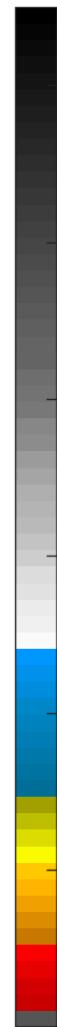
-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101406 (1.1 LT) - 2005101400 (19.1 LT) 23L (TWENTY-TWO) | 40 kt EX

Lightning: 1.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

42

40

38

36

34

-78

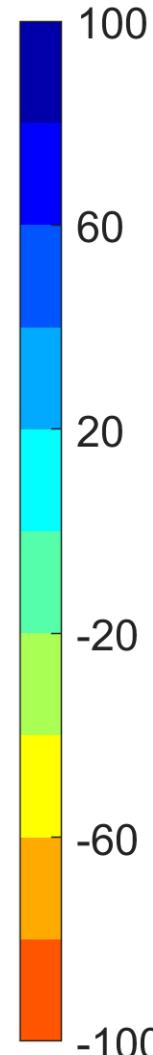
-76

-74

-72

-70

Longitude



### IR BT & Lightning

t: 2005101409 (4.1 LT)

Lightning: 4.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 37.5 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

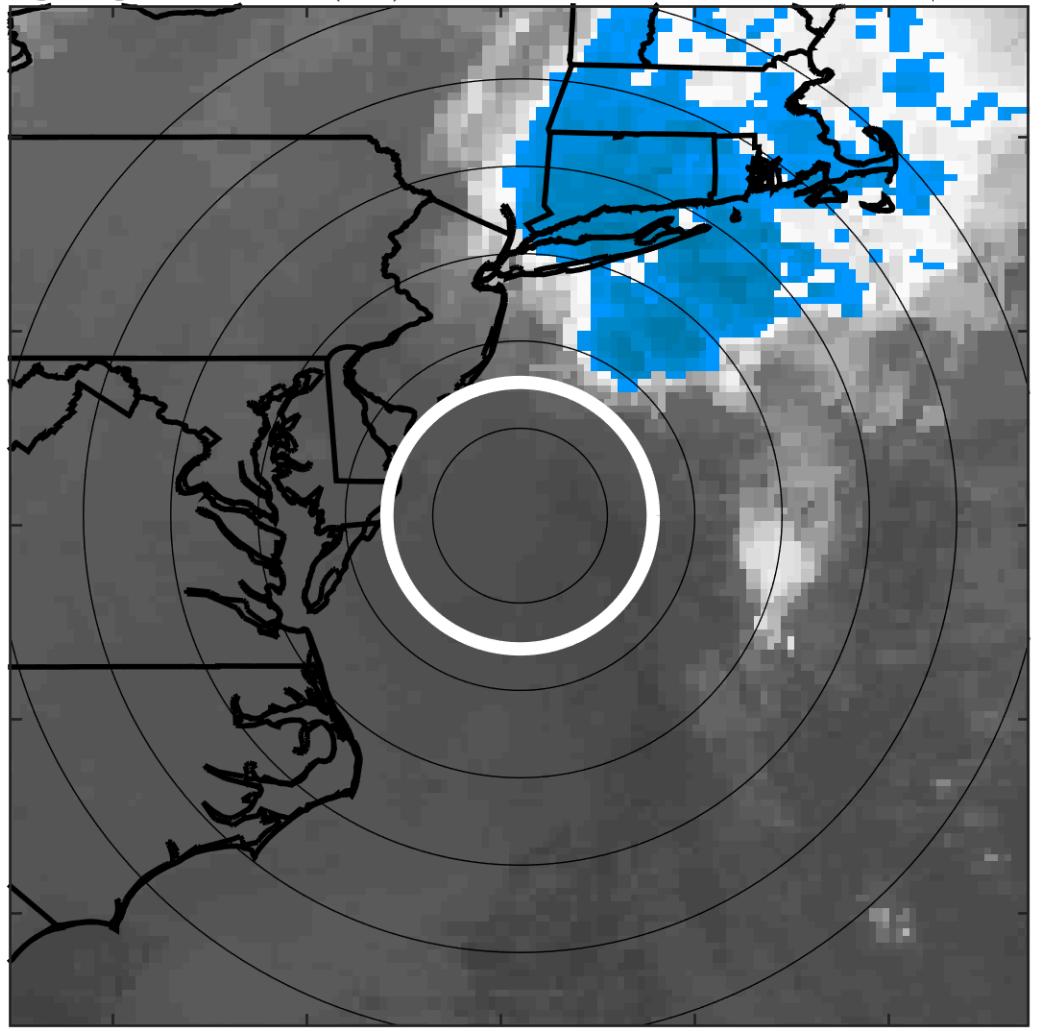
-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101409 (4.1 LT) - 2005101403 (22.1 LT)

23L (TWENTY-TWO) | 37.5 kt EX

PT: NP | EA: INACT

S: null | H: null

Latitude

42

40

38

36

34

-78

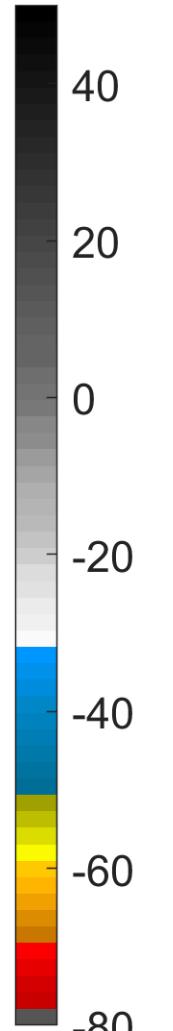
-76

-74

-72

-70

Longitude



### IR BT & Lightning

t: 2005101412 (7.1 LT)

Lightning: 7.1 LT  $\pm$  1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 35 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

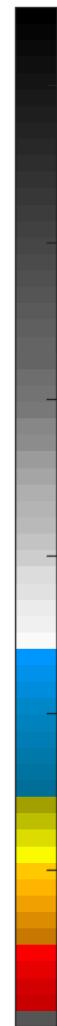
-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

$\Delta t$ : 2005101412 (7.1 LT) - 2005101406 (1.1 LT)

Lightning: 7.1 LT  $\pm$  1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 35 kt EX

S: null | H: null

Latitude

42

40

38

36

34

-78

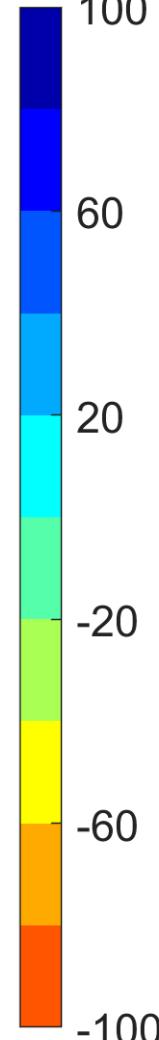
-76

-74

-72

-70

Longitude



### IR BT & Lightning

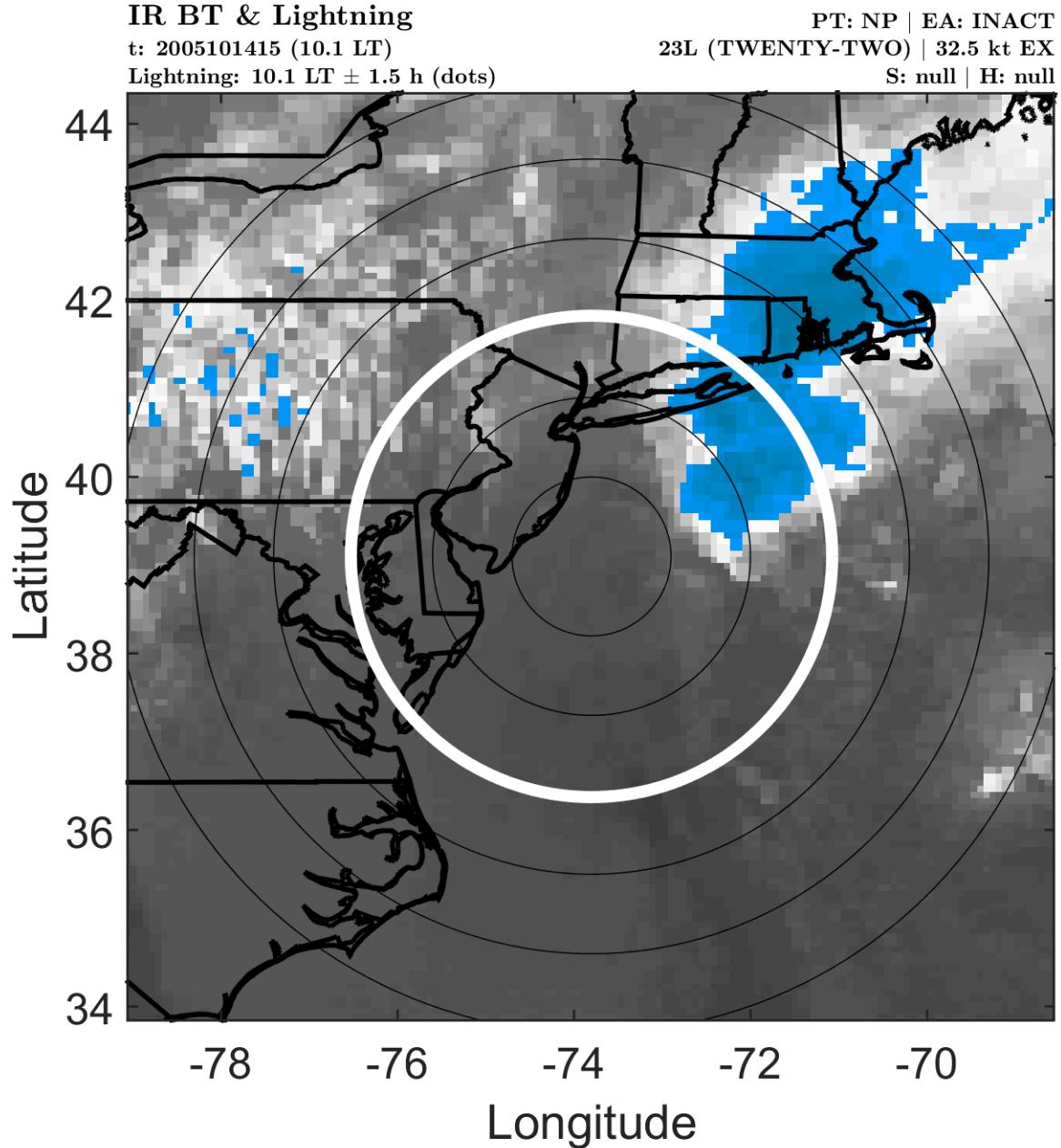
t: 2005101415 (10.1 LT)

Lightning: 10.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 32.5 kt EX

S: null | H: null



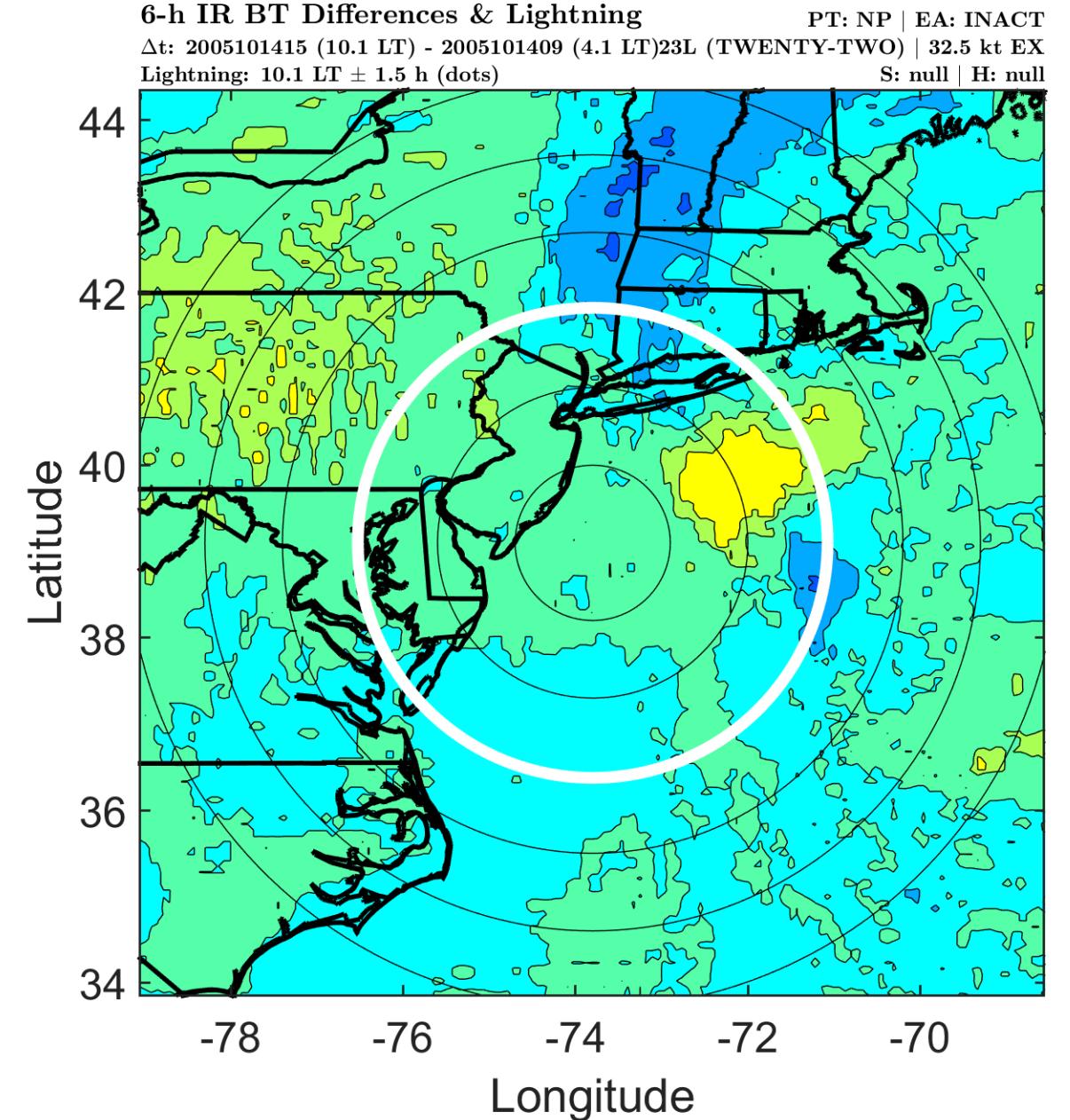
### 6-h IR BT Differences & Lightning

Δt: 2005101415 (10.1 LT) - 2005101409 (4.1 LT)

23L (TWENTY-TWO) | 32.5 kt EX

PT: NP | EA: INACT

S: null | H: null



### IR BT & Lightning

t: 2005101418 (13.1 LT)

Lightning: 13.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

23L (TWENTY-TWO) | 30 kt EX

S: null | H: null

Latitude

44

42

40

38

36

-78

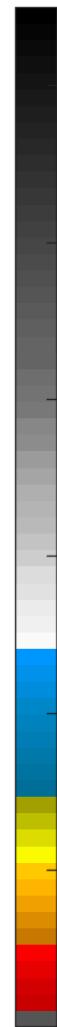
-76

-74

-72

-70

Longitude



### 6-h IR BT Differences & Lightning

Δt: 2005101418 (13.1 LT) - 2005101412 (7.1 LT) 23L (TWENTY-TWO) | 30 kt EX

Lightning: 13.1 LT ± 1.5 h (dots)

PT: NP | EA: INACT

S: null | H: null

Latitude

44

42

40

38

36

-78

-76

-74

-72

-70

Longitude

