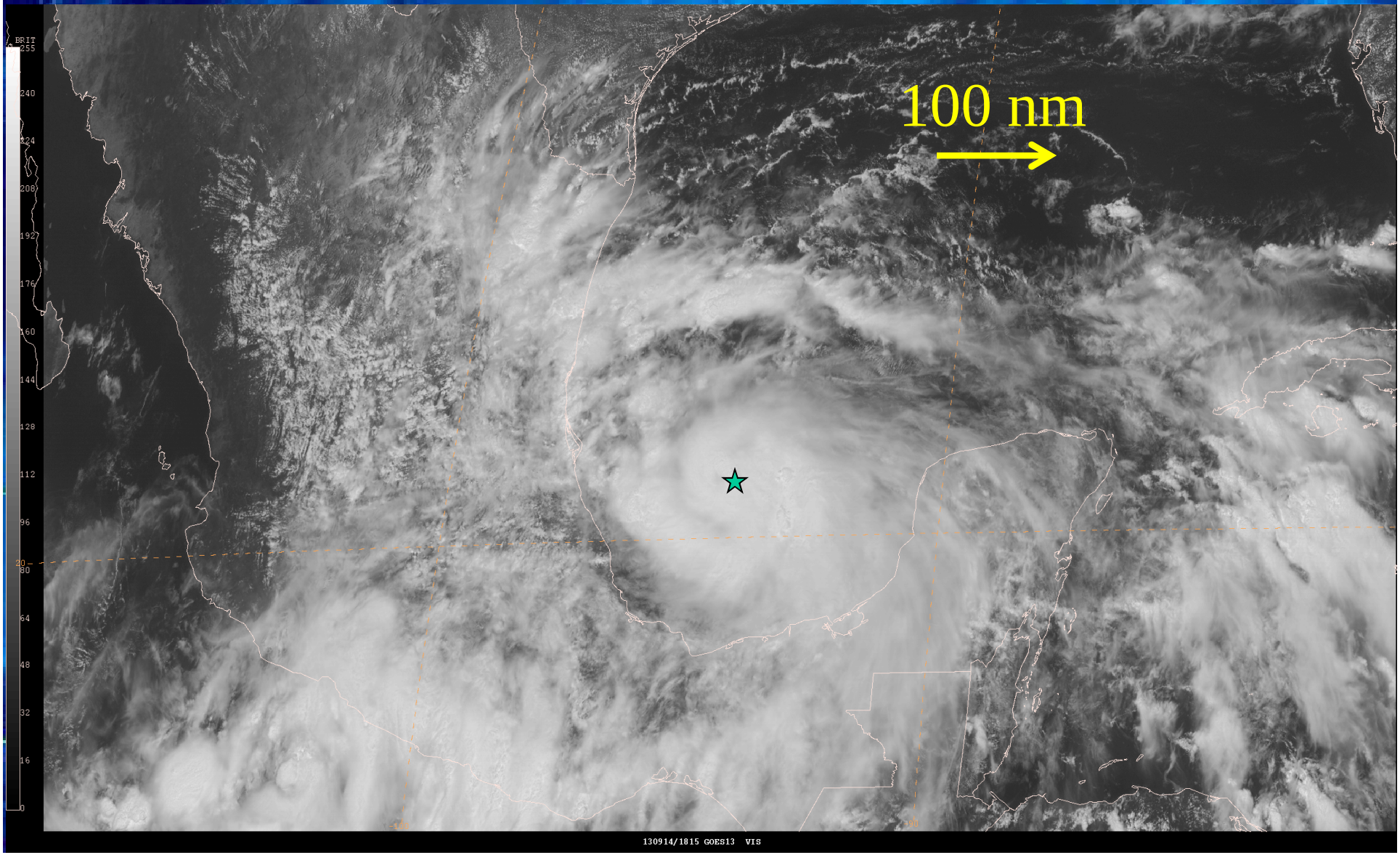
TC Size Analysis Exercise

What is the quadrant based (NE, SE, SW, NW) estimate of the farthest extent in nautical miles of 34 kt winds?

Answer will be in the format of:

34 kt (100 NE, 150 SE, 100 SW, 50 NW)

Ingrid – Sep. 14th, 18Z – 65 kt Intensity
How big is it?



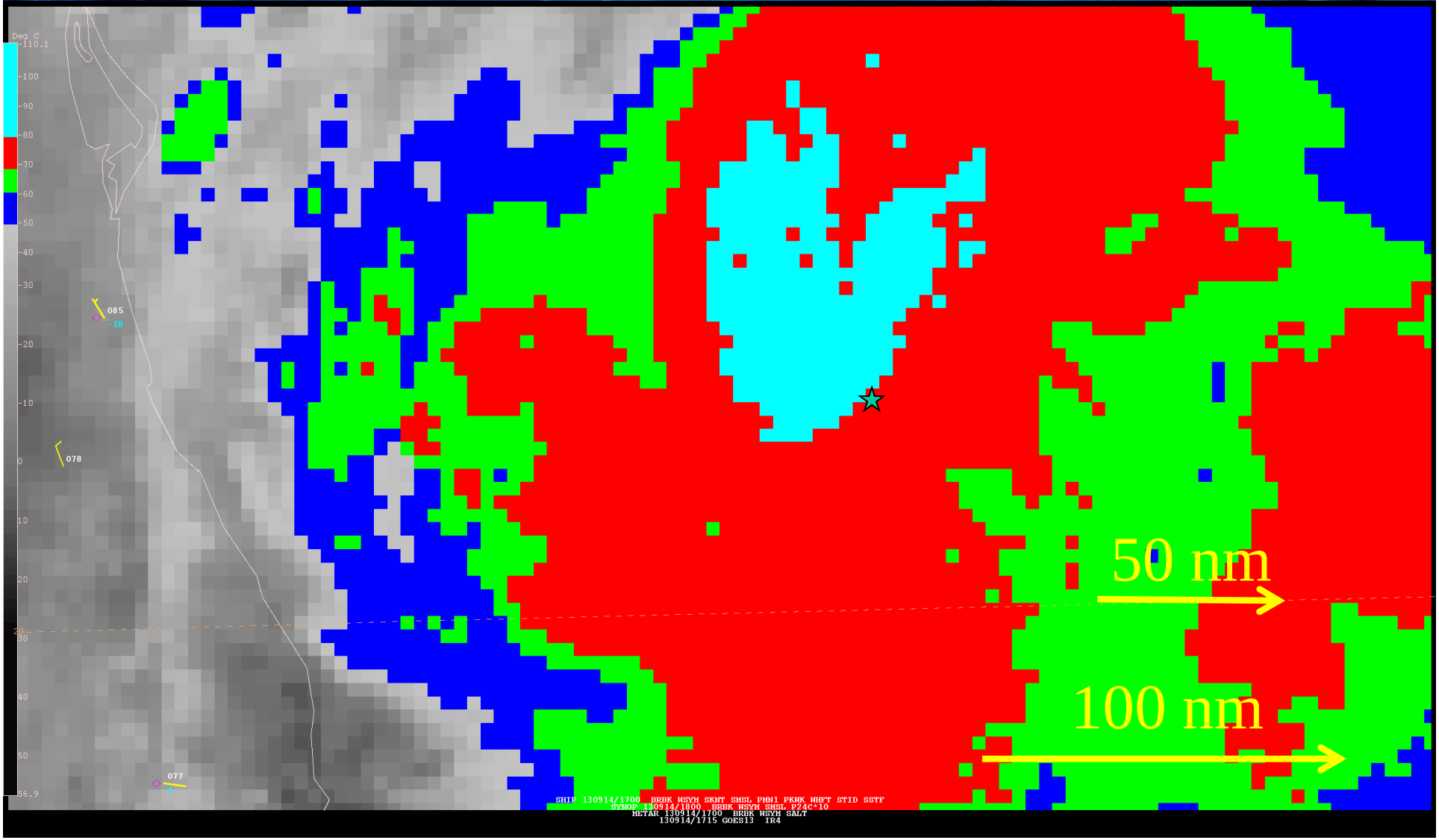
Ingrid

Sep. 14th, 18Z

65 kt intensity

CIRA AMSU:

34 kt (113 NE, 124 SE, 98 SW, 90 NW)

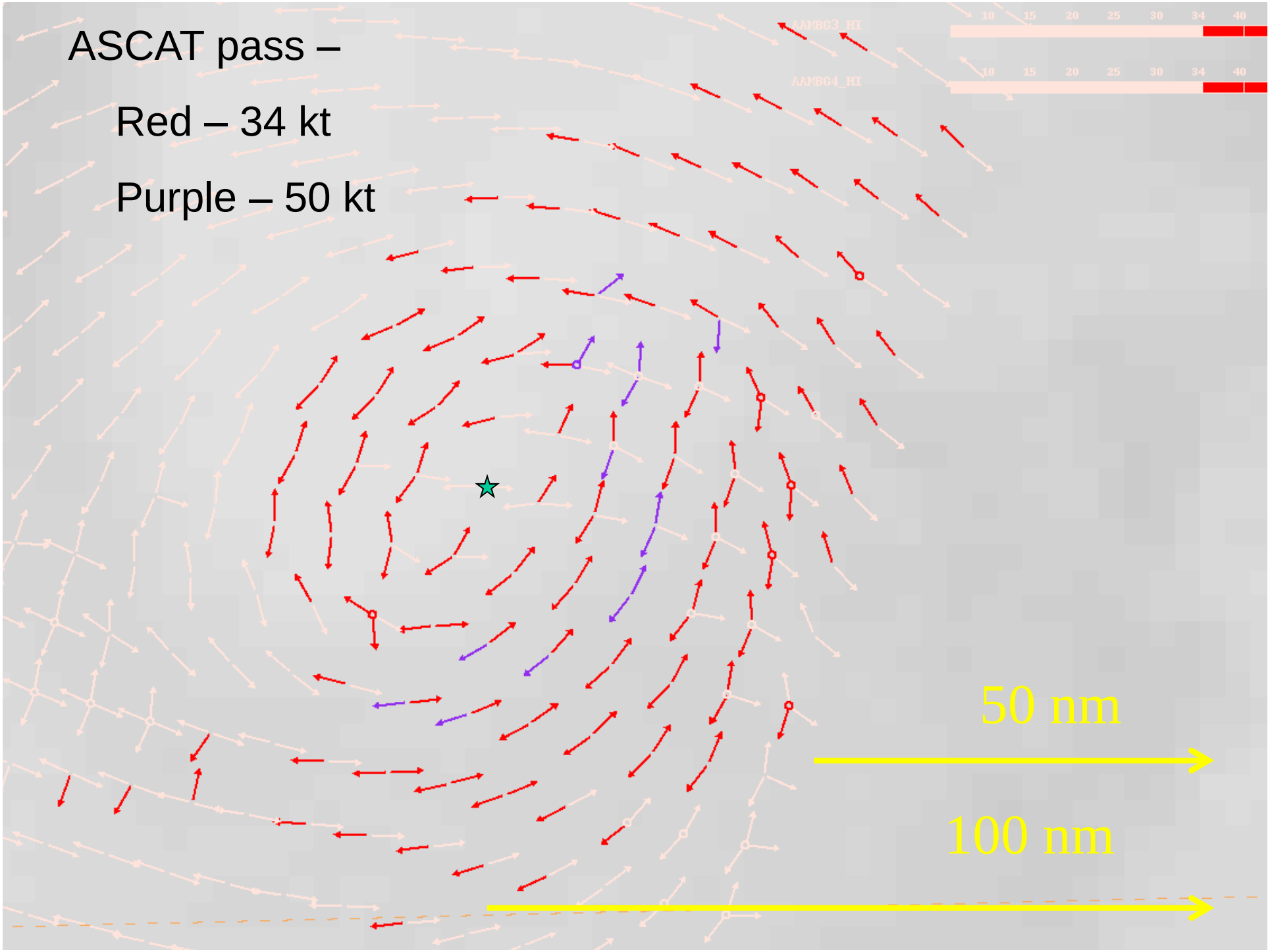


Ingrid – Sep. 14th, 18Z – 65 kt intensity

Visible and infrared imagery, in situ obs, AMSU

What is the quadrant based (NE, SE, SW, NW) estimate of the farthest extent in nautical miles of 34 kt winds?

34 kt (___NE, ___SE, ___SW, ___NW)


ASCAT pass –
Red – 34 kt
Purple – 50 kt
50 nm
100 nm

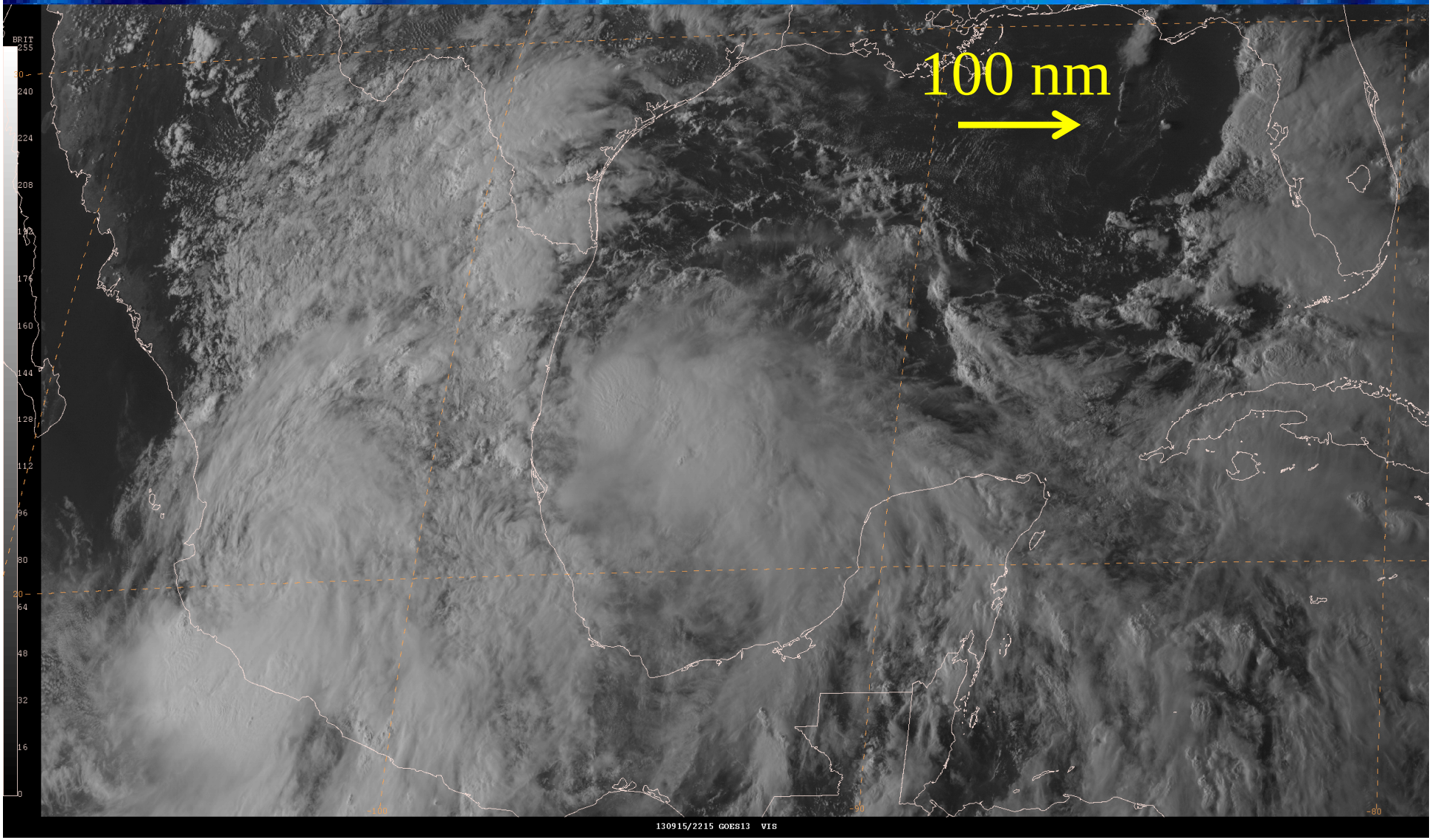
Ingrid – Sep. 14th, 18Z – 65 kt intensity

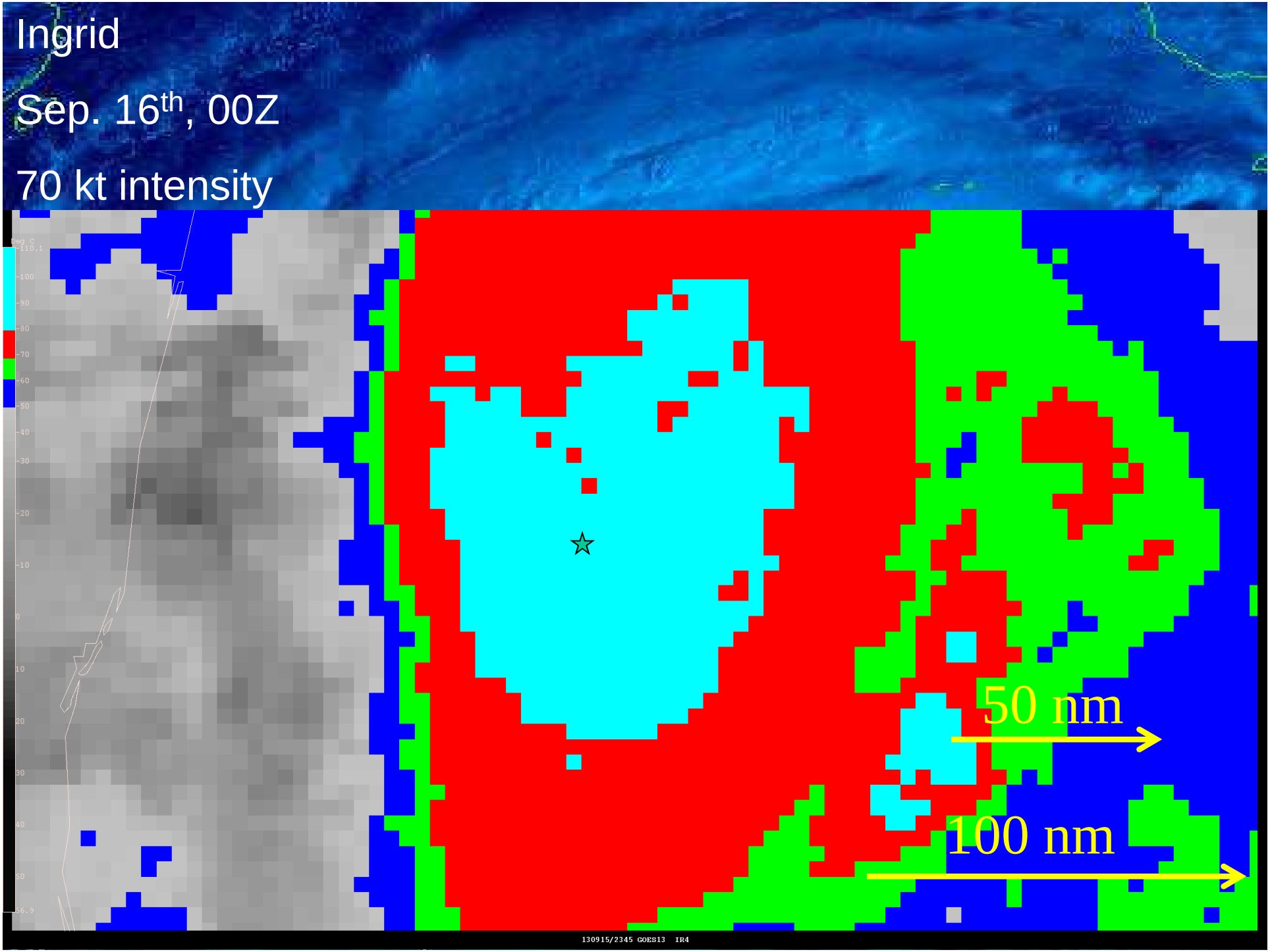
- Visible and infrared imagery, in situ obs, AMSU, and ASCAT

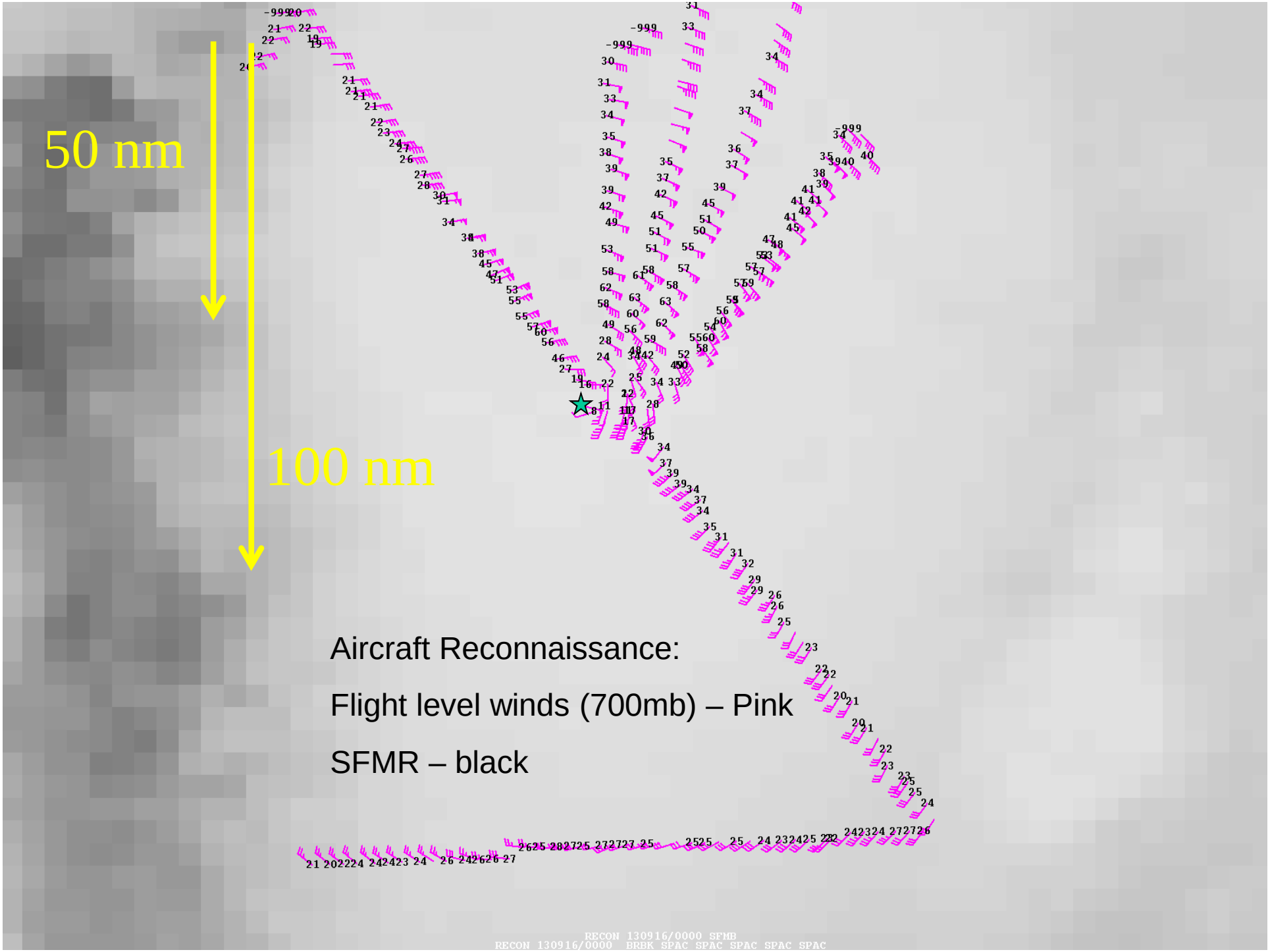
What is the quadrant based (NE, SE, SW, NW) estimate of the farthest extent in nautical miles of 34 kt winds?

34 kt (___NE, ___SE, ___SW, ___NW)

Ingrid – Sep. 16th, 00Z – 70 kt Intensity
How big is it?




Ingrid
Sep. 16th, 00Z
70 kt intensity
50 nm
100 nm
130915/2345 GOES13 IR4


50 nm
100 nm
Aircraft Reconnaissance:
Flight level winds (700mb) – Pink
SFMR – black
RECON 130916/0000 SFMB
RECON 130916/0000 BRBK SPAC SPAC SPAC SPAC SPAC

Ingrid – Sep. 16th, 00Z – 70 kt intensity

Visible and infrared imagery, in situ obs, and aircraft reconnaissance

What is the quadrant based (NE, SE, SW, NW) estimate of the farthest extent in nautical miles of 34 kt winds?