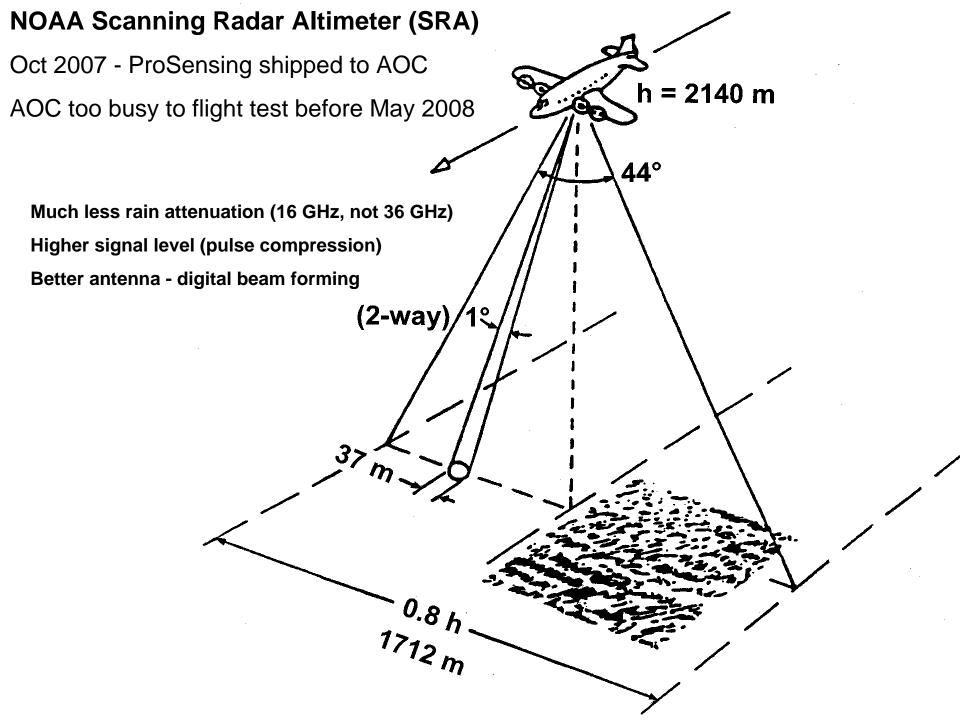
Operational Use of Near-Real-Time Sea Surface Directional Wave Spectra Generated from NOAA Scanning Radar Altimeter Range Measurements

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System : 1 (972.7527, -1879.5701) noaawaveformsim.i m=0, SWH(m)=11.56 2000along-track distance (m) -2000 ---

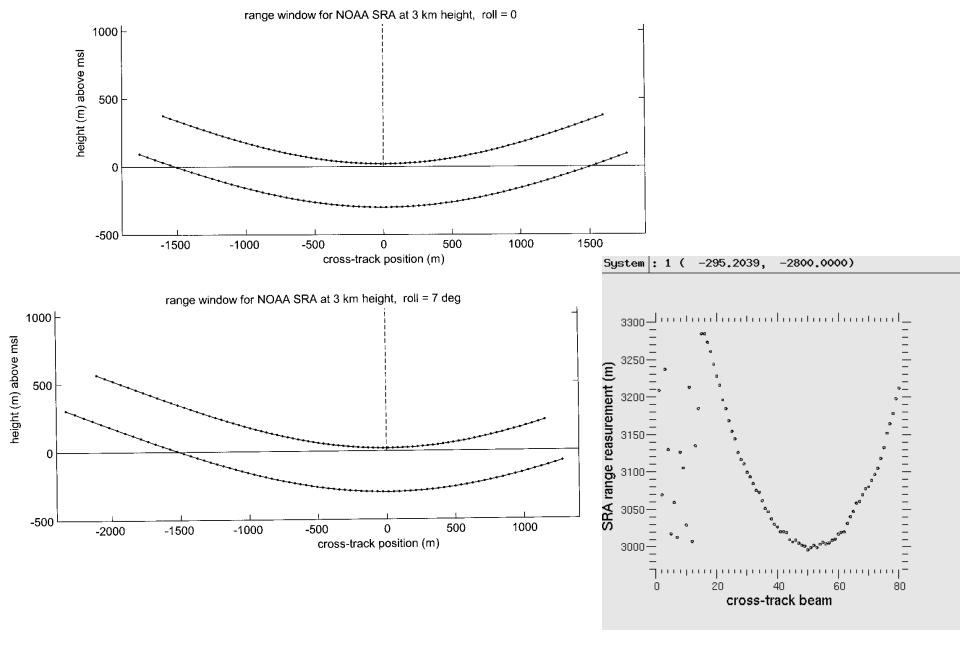
cross-track distance from nadir (m)

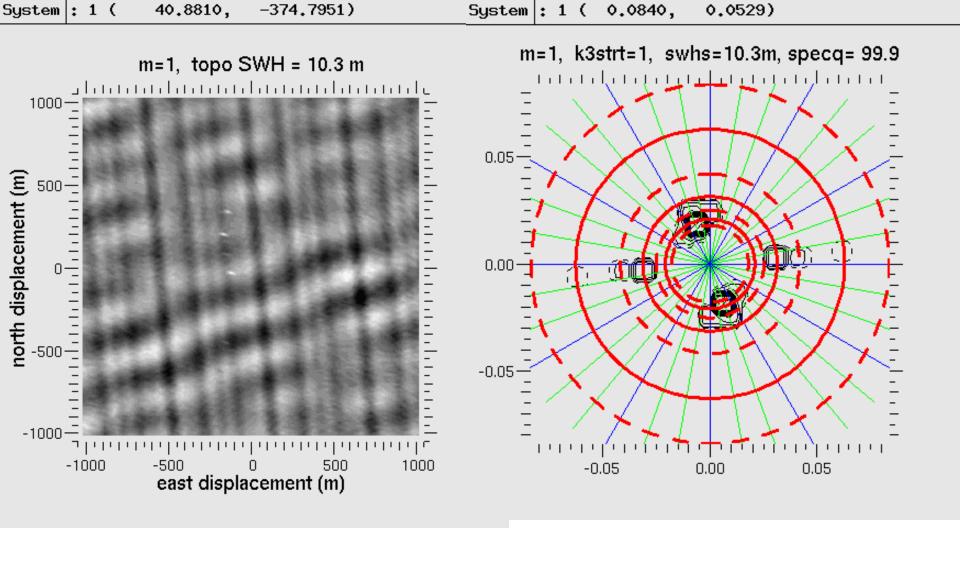
1000

2000

-1000

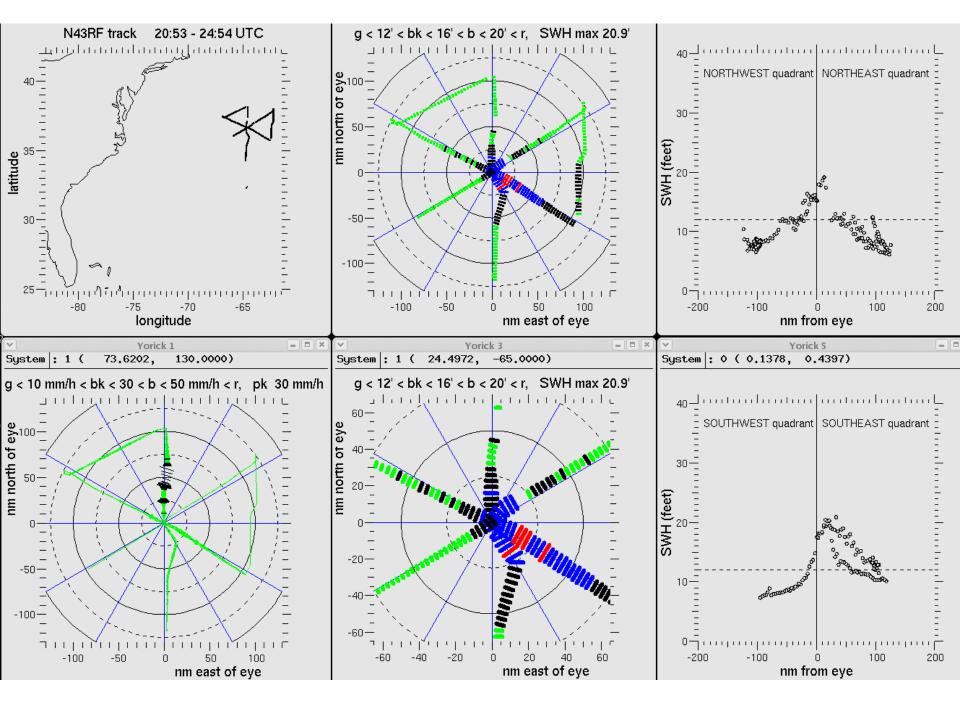
-2000

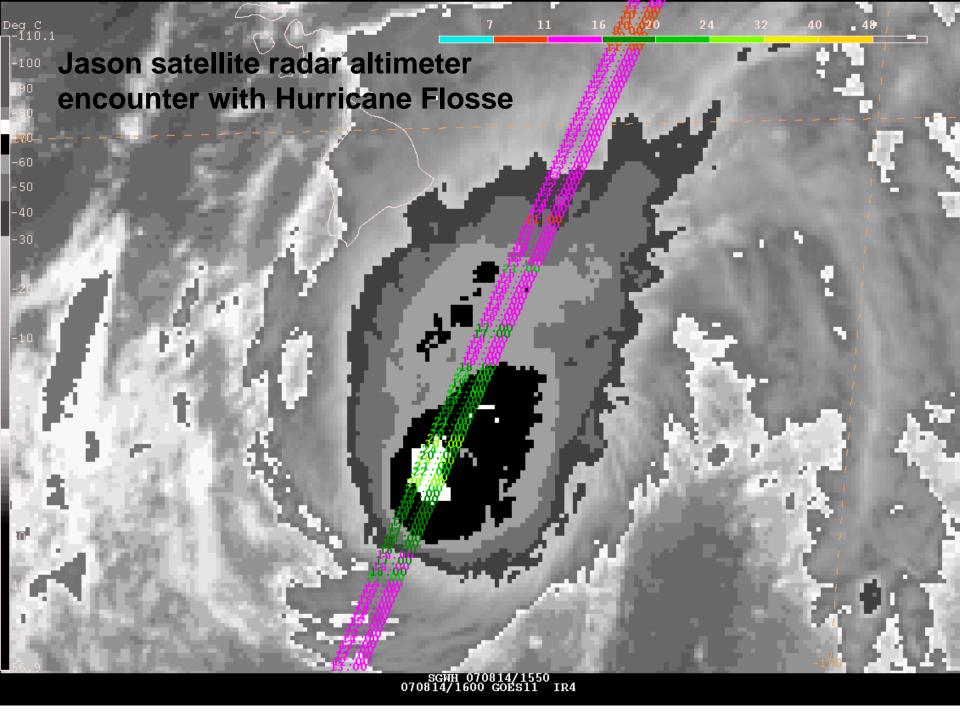




The new aircraft data communication network AOC is developing will undergo initial testing during the 2008 hurricane season. It will not be available to transmit the high volume SRA directional wave spectra until it is fully operational in the 2009 season.

During the 2008 season flights the low volume SRA header files will be transmitted using an existing aircraft satcom data link to an AOC server which will relay them to NHC.





SRA NAWIPS display based on JASON satellite radar altimeter display

