

# VEFI Summary Plot Panel Descriptions

C/NOFS Orbit XXXXX -- Month Day, Year (Day DOY)

## VEFI Observations

HF Electric Fields (if available)  
Spectrogram of FFT data for V34 or V56

VLF Electric Fields (if available)  
Spectrogram of FFT data for V34 or V56

ELF Electric Fields (if available)  
Spectrogram of FFT data for V34, V56, or Ni

Electric Field E34, E56 (mV/m) in sensor coordinates,  
with **VxB** subtracted (Note: if no OA data, raw E12, E34, and E56 are shown)

E quality Flag

OA quality Flag

Magnetic Field  $\Delta B_n$ ,  $\Delta B_w$ ,  $\Delta B_u$  (nT) in geographic coordinates,  
POMME model magnetic field subtracted

AC Magnetic field  
Spectrogram of B3 in the 0.1 to 8 Hz frequency range

DC Electric Field  
Spectrogram of E34 in the 0.1 to 8 Hz frequency range

VEFI Langmuir Probe (Trigger Probe)  
Spectrogram of ICurr in the 0.1 to 8 Hz frequency range

VEFI Langmuir Probe (Trigger Probe)  
Profile in nA, conversion to density

Lightning activity index for data from North (black) and South (Red) detectors

Eclipse Bar: Black- satellite in shadow, White- satellite in sun

Burst Mode Indicator

Ephemeris data map: latitude, longitude, altitude profiles and magnetic equator

U.T. time, HHMM 

Plots are centered on midnight