Current NWS ARH Satellite Capture System

Alaska, because of its remoteness, is highly dependent on environmental satellite data.

Two L & S tracking antennas located at the Anchorage NWS Weather Service Forecast Office (WFO).

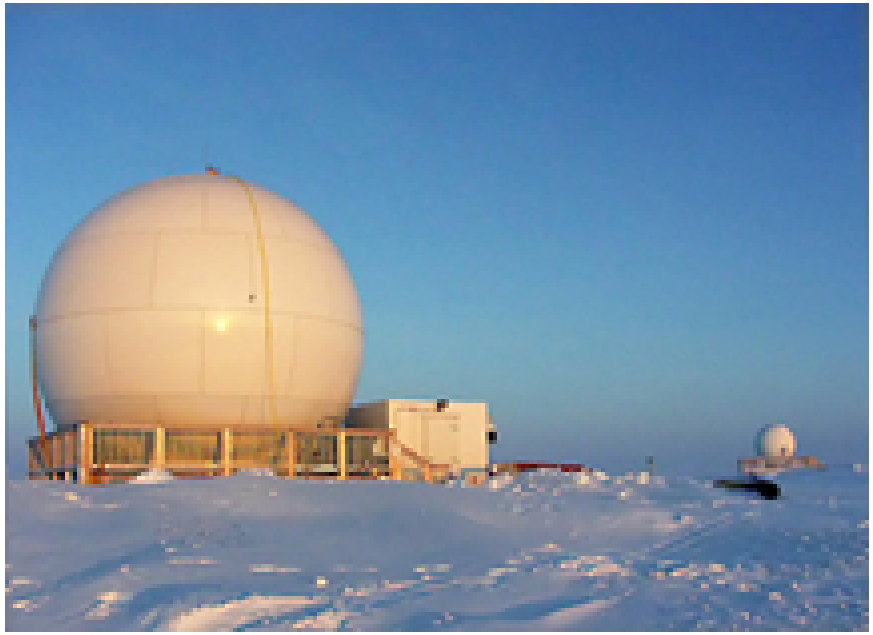
Multiple satellite downlink capabilities at NOAA NESDIS Fairbanks Command and Data Acquisitions Site (FCDAS)

Anchorage WFO

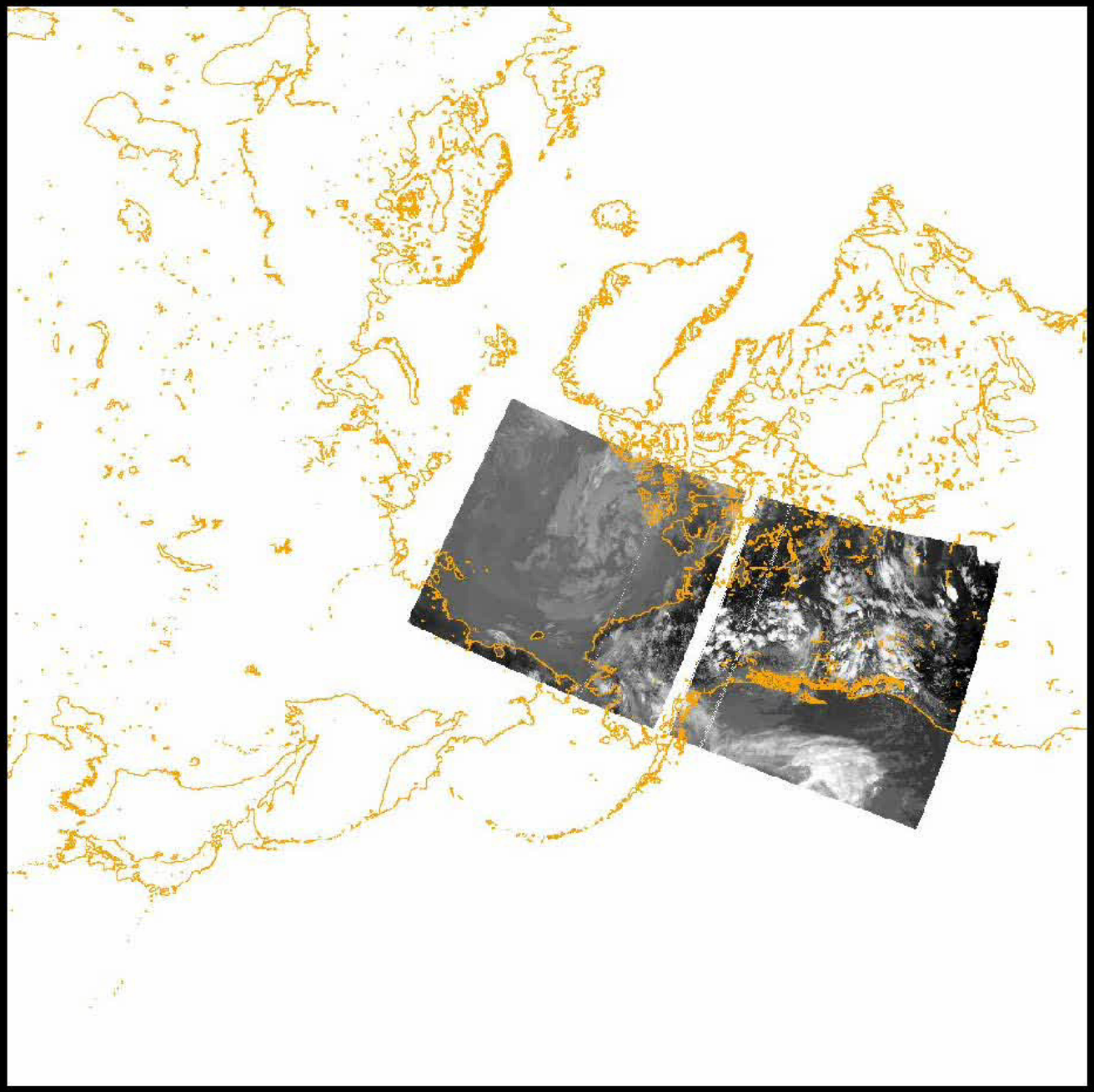
FCDAS

Fairbanks Command and Data Acquisition Site

Barrow Downlink Site



GINA/CIFAR UAF



INCREASING SATELLITE CAPABILITIES

NPP: OCTOBER 25 2011 LAUNCH
NPP PROVING GROUND

FENG YUN 3B: NOVEMBER 4 2010 LAUNCH
VIRR=10 CHANELS, 1km
MERSI=20 CHANELS, 250-1000 m

METEOR-M, N2: 2012 LAUNCH
BRLK=SAR, 400-700 m
MTVA=MICROWAVE, 12-75 km
KMSS=MULTISPECTRAL VIS, 60-100 m