

Title: Transfer of NOAA/NASA AVHRR Pathfinder SST Processing to NODC

Investigator(s): Robert Evans (PI)

Institution: University of Miami, Rosenstiel School of Marine and Atmospheric Science

Background

This activity will transfer processing of the highly successful NOAA/NASA AVHRR Pathfinder sea surface temperature fields (PFSST) to the NOAA National Oceanographic Data center (NODC), where their long term availability, survivability, and provenance will be ensured.

The work is focused on the Research Theme: “Climate and Satellite Observations and Monitoring” and the NOAA GOAL to “understand climate variability” by providing the ability to assemble and continue the long-term Climate Data Record provided by the Pathfinder AVHRR Sea Surface Temperature record. This record begins with the 1981 NOAA-7 time series and continues to the present using the NOAA-17 and -18 sensors and provides a consistent SST record on which many investigations are based.

Additional Information may be located at:

<http://cicsnc.org/projects/robert-evans.html>