

SPoRT / JPSS (VIIRS)

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The JPSS poster will feature ongoing and future work with *Visible Infrared Imager Radiometer Suite* for JPSS. SPoRT will work to evaluate various VIIRS products (SDRs, EDRs, and other derived products) and assess their ability to improve short-term forecasts operationally at WFOs. Plans are to provide data in AWIPS, and AWIPS II as partnering WFOs are transitioned. Various data flow options (from Direct Broadcast sites, processed at SPoRT, delivered to WFOs) will be assessed and the best option implemented. SPoRT will tackle many WFO forecast challenges – looking to VIIRS SDRs, EDRs, and other derived products for solution scenarios. For example, OCONUS WFOs (Alaska and Pacific regions) have many data-void areas of responsibility. Providing *Air mass RGB* products in AWIPS II will allow for quick assessment of the weather situation by the incorporation of several pieces of current information, all within AWIPS II. This aggregation of data can also mitigate the bandwidth issues prevalent at OCONUS sites. SPoRT's expertise and infrastructure will be leveraged in the entire evaluation process –with WFOs in the Southern Region, Western and Central Regions, and ultimately OCONUS partners in Alaska. Assessment and training components will be created, collaborating with WFOs as needed.