This presentation describes the methodologies used to produce sea surface temperatures from the geostationary sensors processed in the NOAA operational environment, including GOES-East & West, Meteosat and MTSAT. We also describe the methodology for combining these data with SST retrievals from polar-orbiting sensors to produce a daily global analysis at 1/20 degree spatial resolution. Some applications of the data are also discussed, along with future enhancements for the products.