

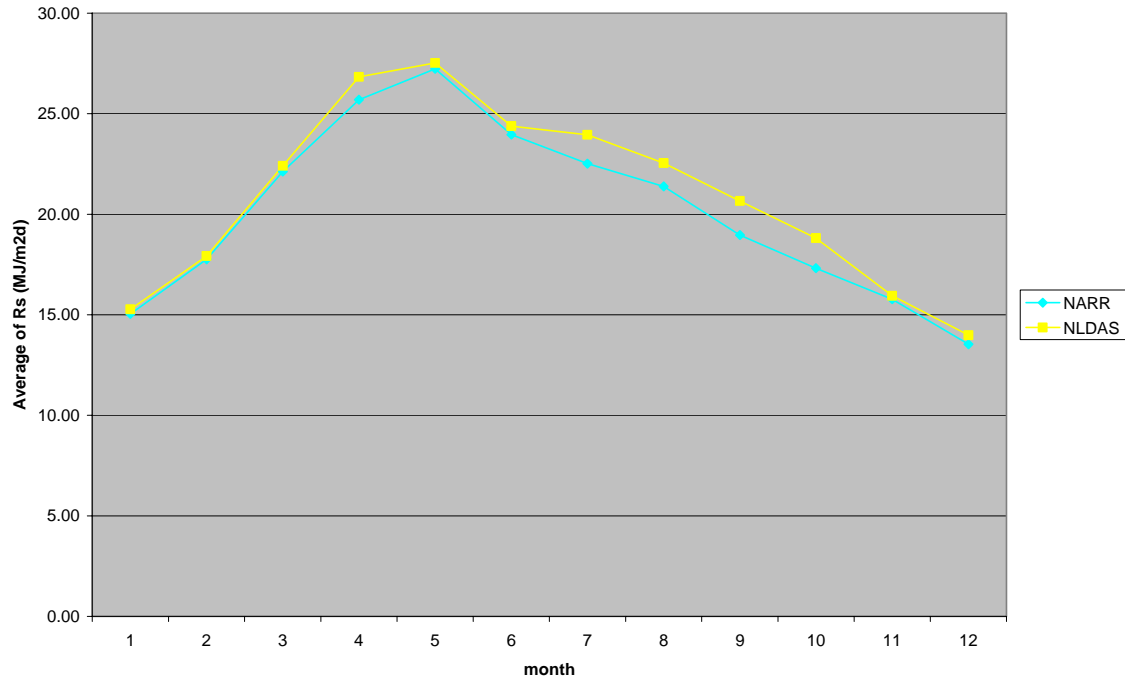
***Appendix C –Solar Radiation Graphics***

***Point Comparisons of Long-Term Monthly Mean and Daily  
Standard Deviation by Month***

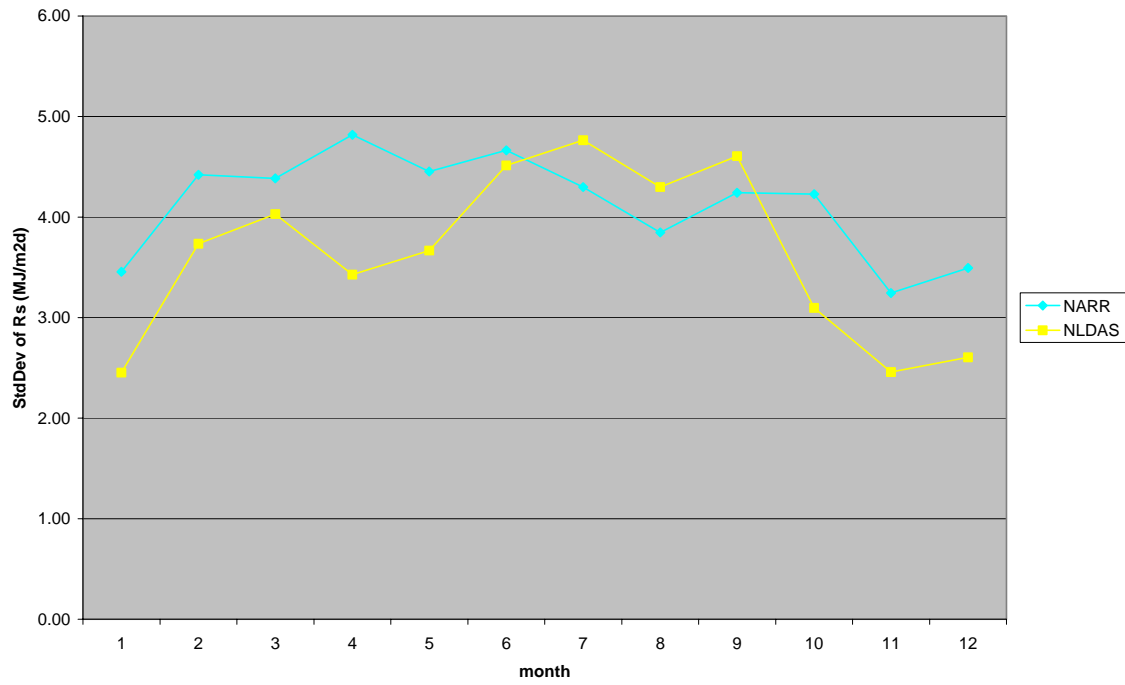
# TAMPA

## NARR vs NLDAS (1996-2005) – Solar radiation

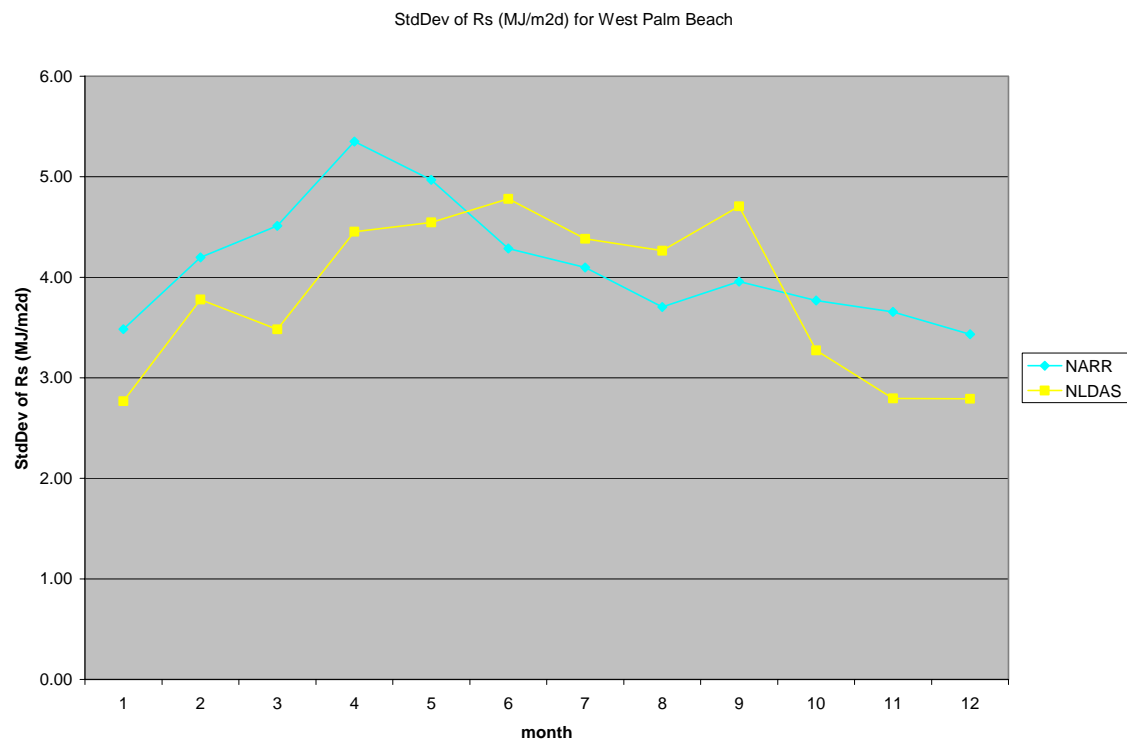
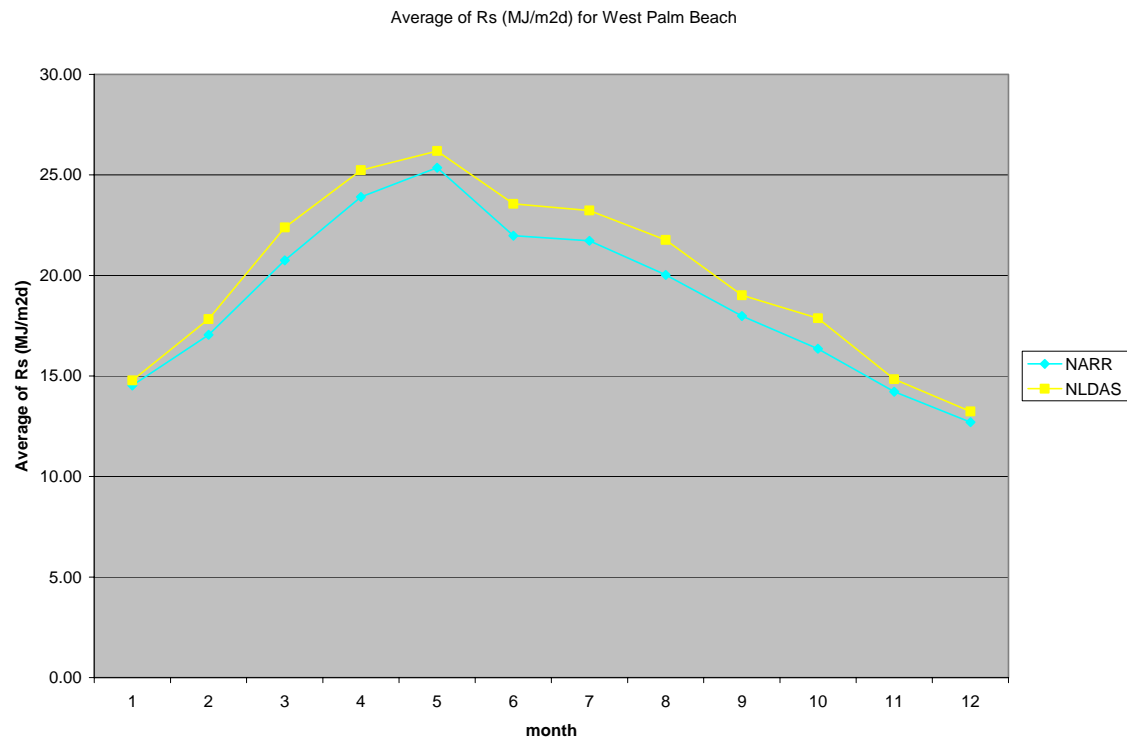
Average of Rs (MJ/m2d) for Tampa



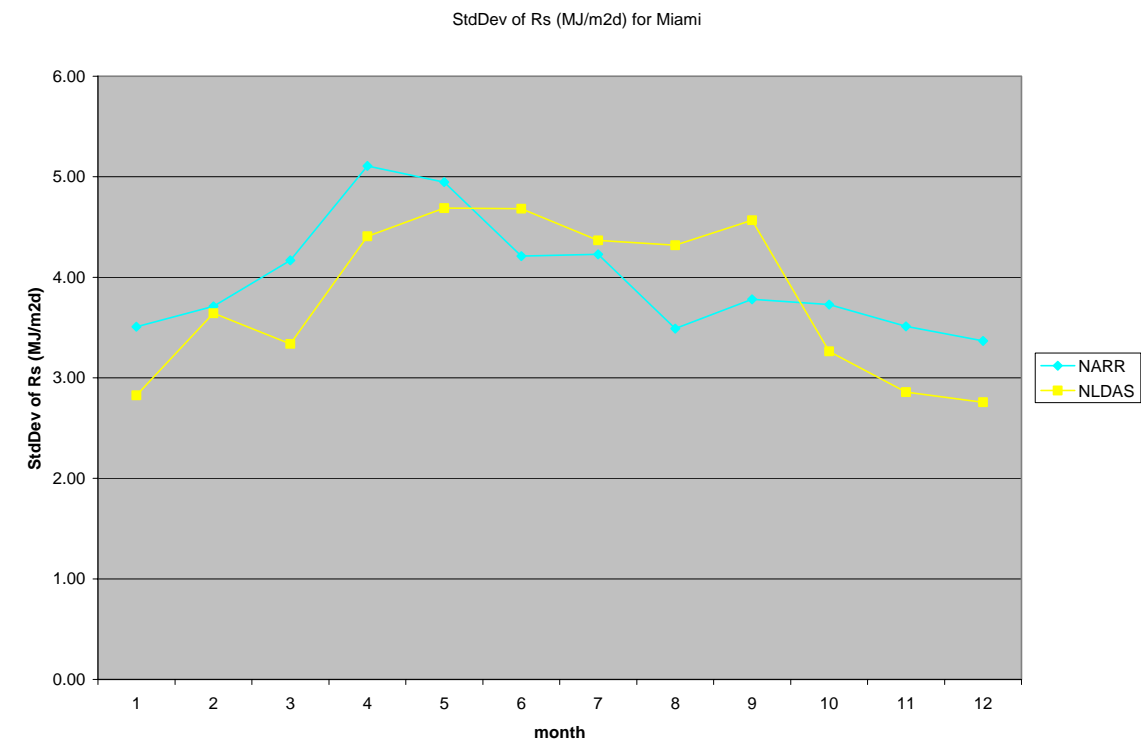
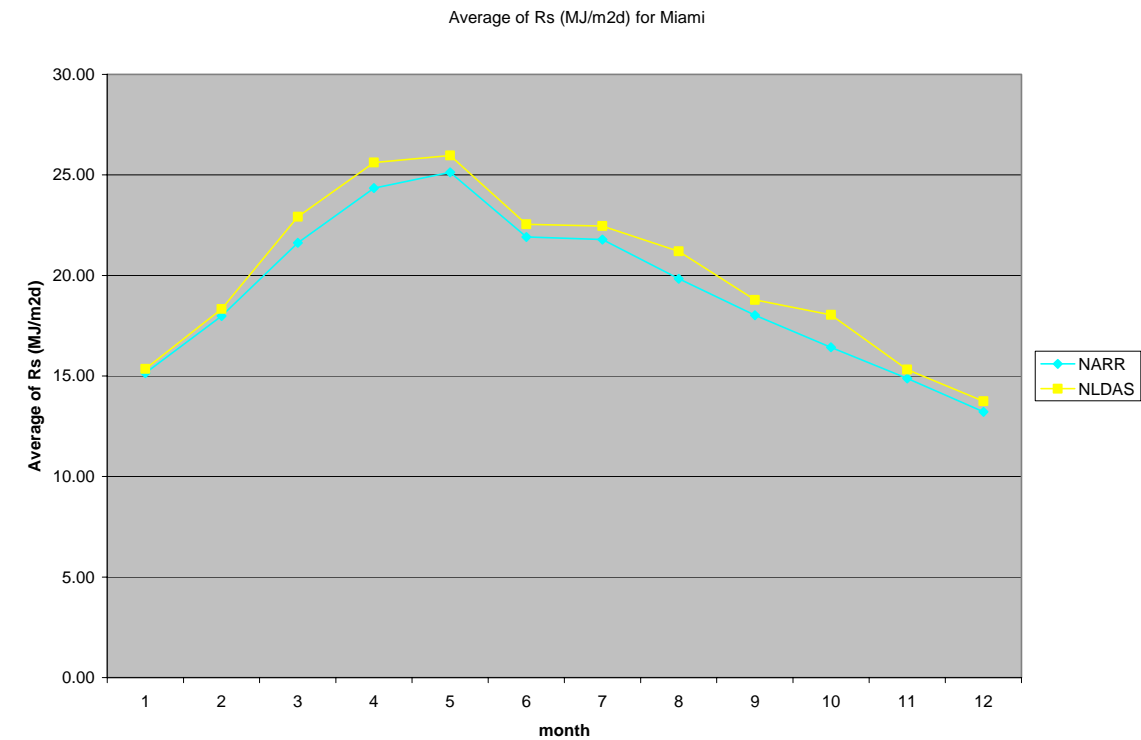
StdDev of Rs (MJ/m2d) for Tampa



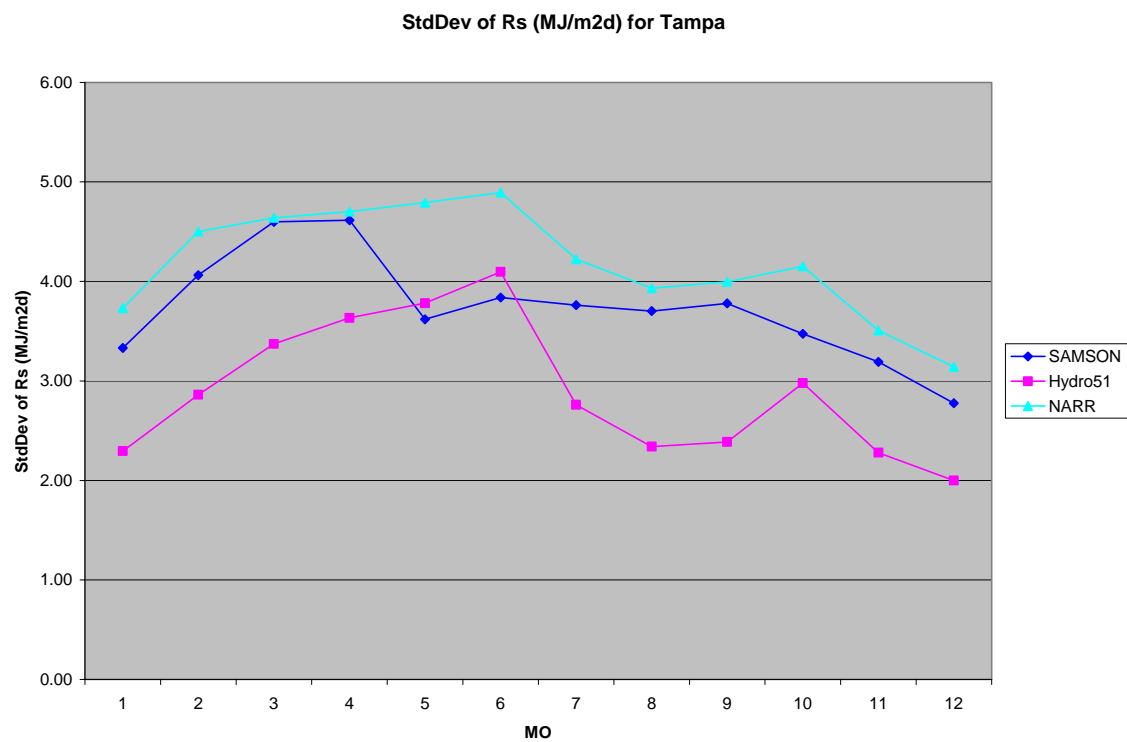
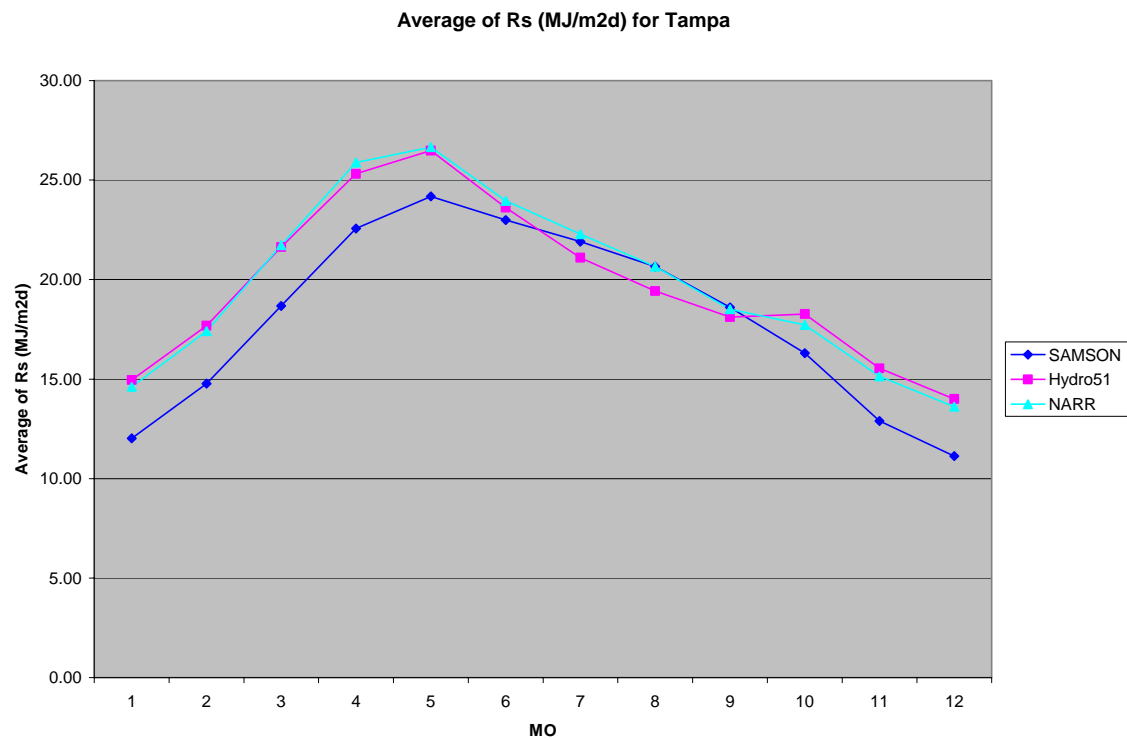
WEST PALM BEACH  
NARR vs NLDAS (1996-2005) – Solar radiation



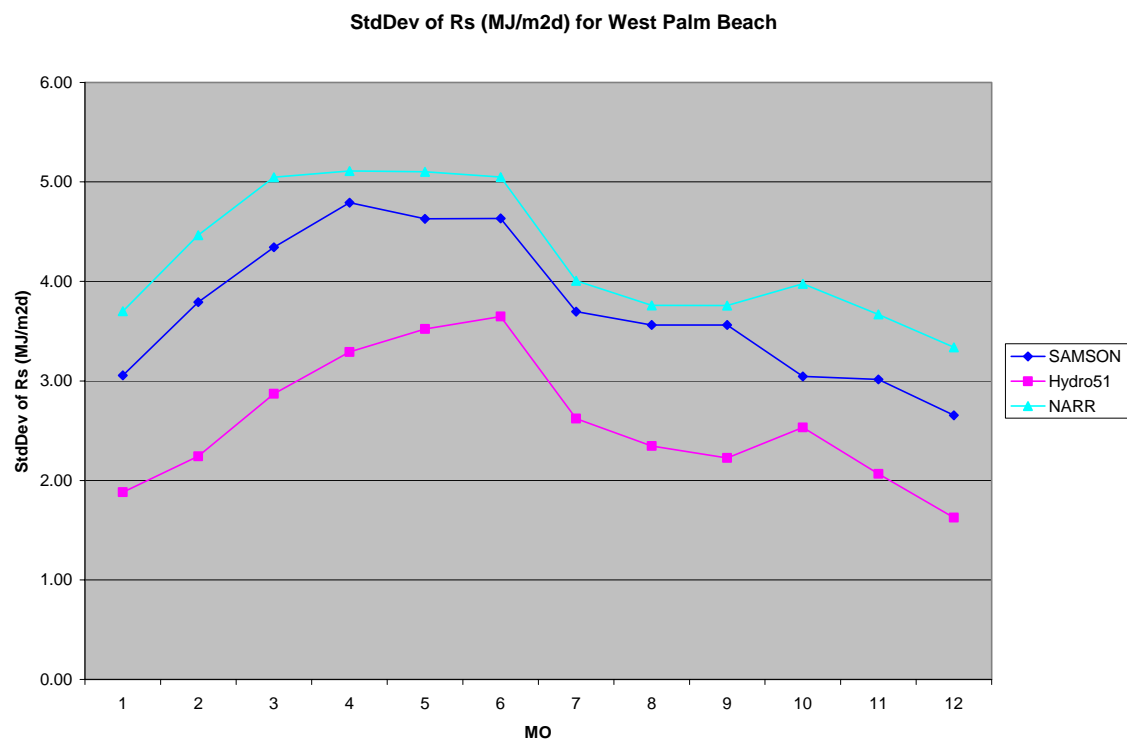
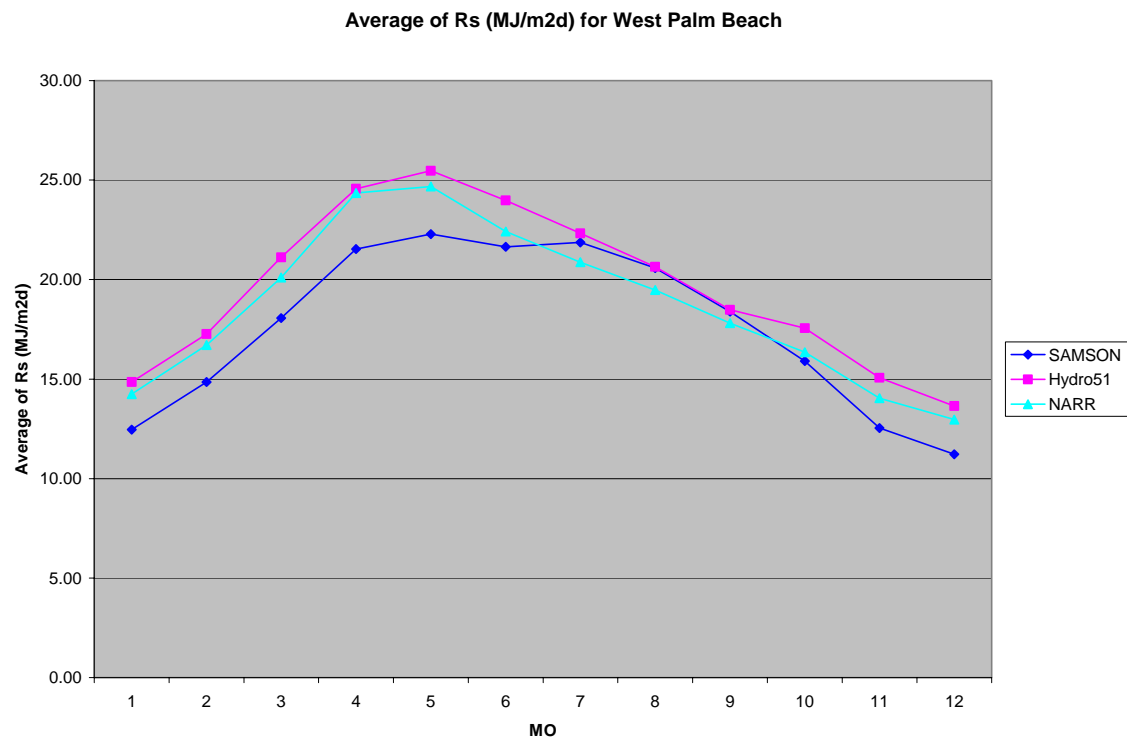
MIAMI  
NARR vs NLDAS (1996-2005) – Solar radiation



TAMPA  
SAMSON versus Hydro51 (1980-1990) –Solar Radiation



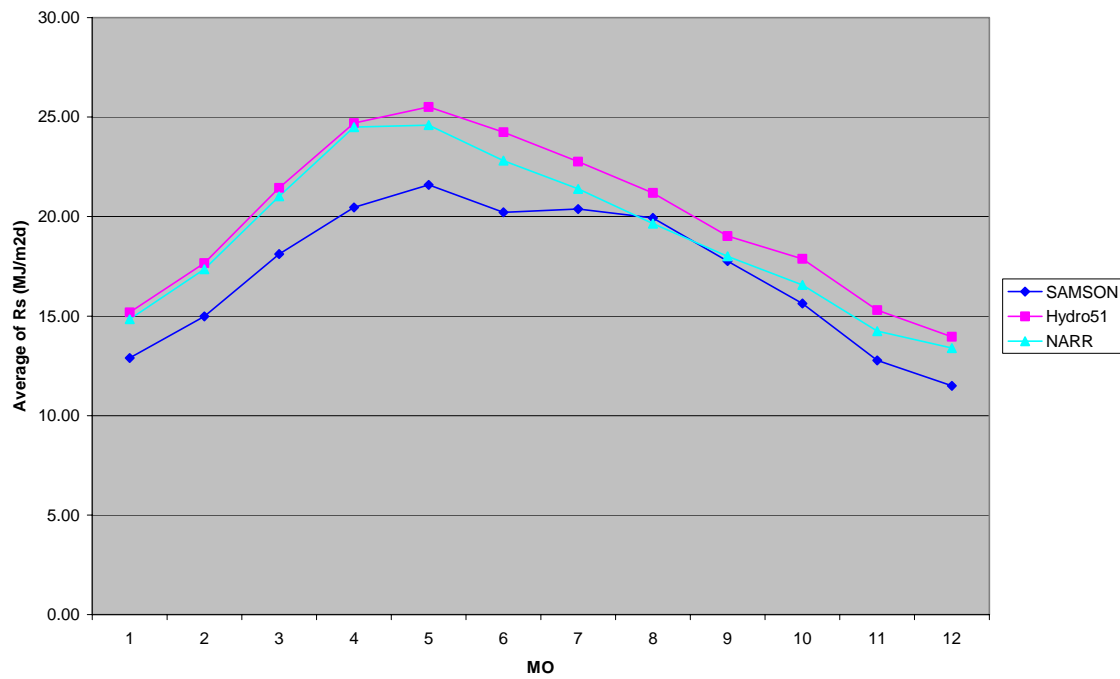
WEST PALM BEACH  
SAMSON versus Hydro51 (1980-1990) – Solar Radiation



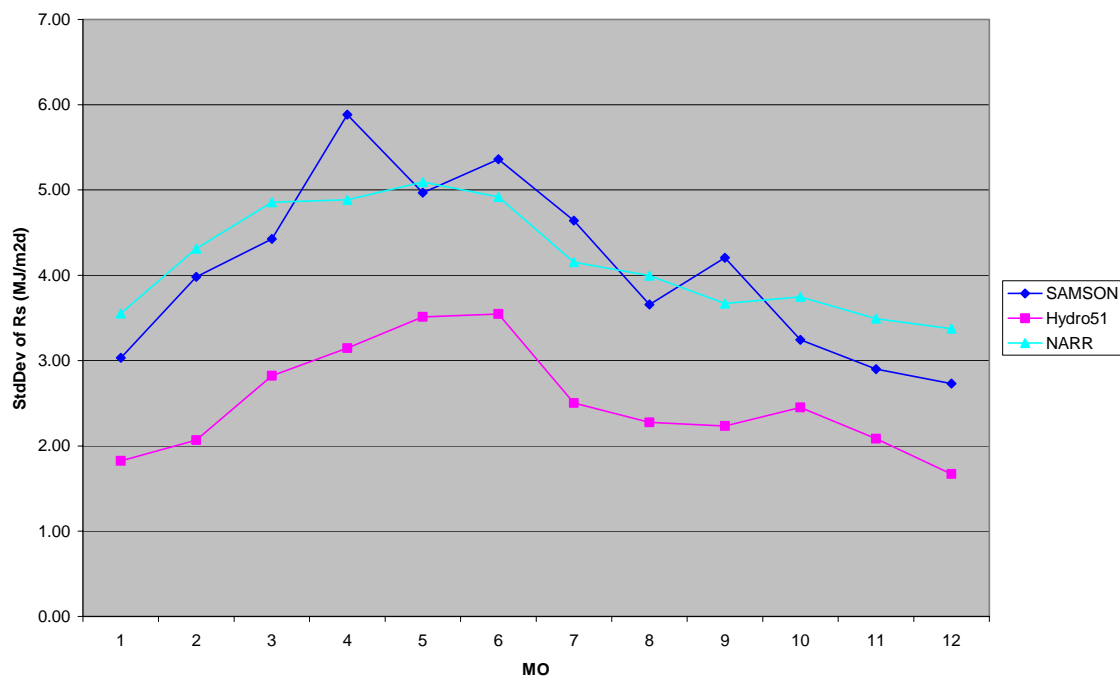
## MIAMI

### SAMSON versus Hydro51 (1980-1990) – Solar Radiation

Average of Rs (MJ/m2d) for Miami

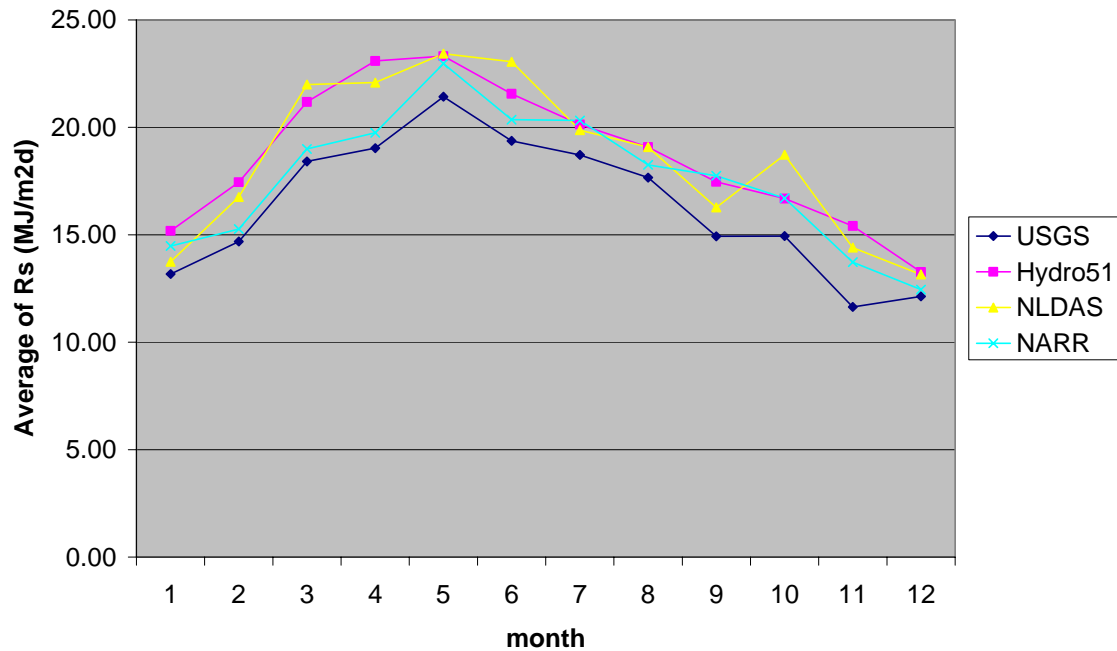


StdDev of Rs (MJ/m2d) for Miami

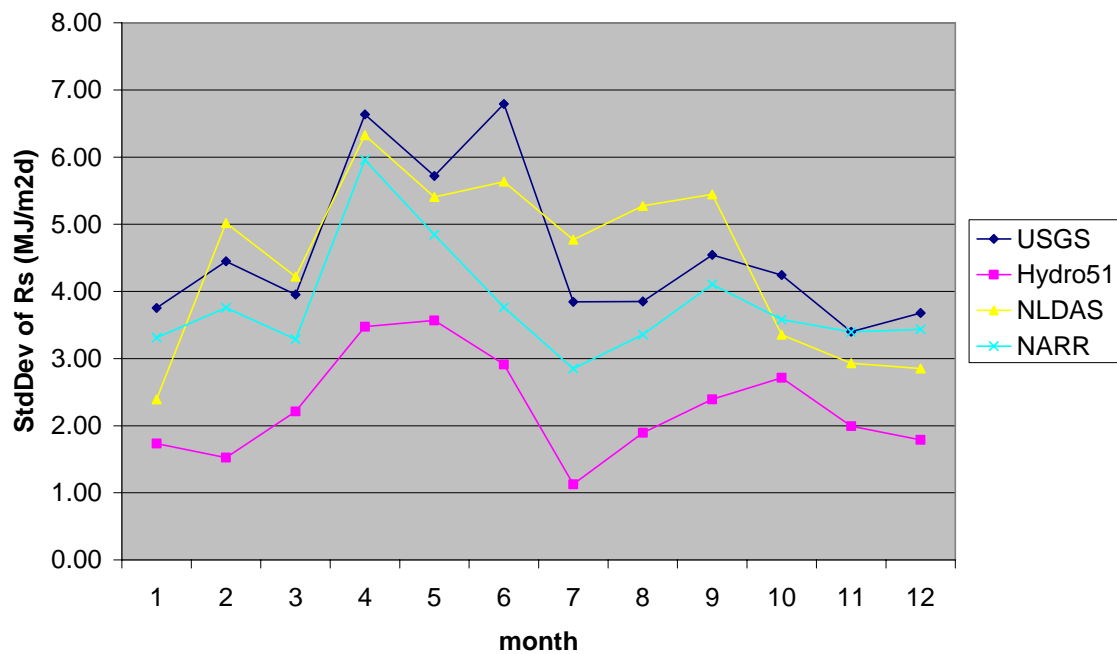


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1997)  
SITE#1 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #1**



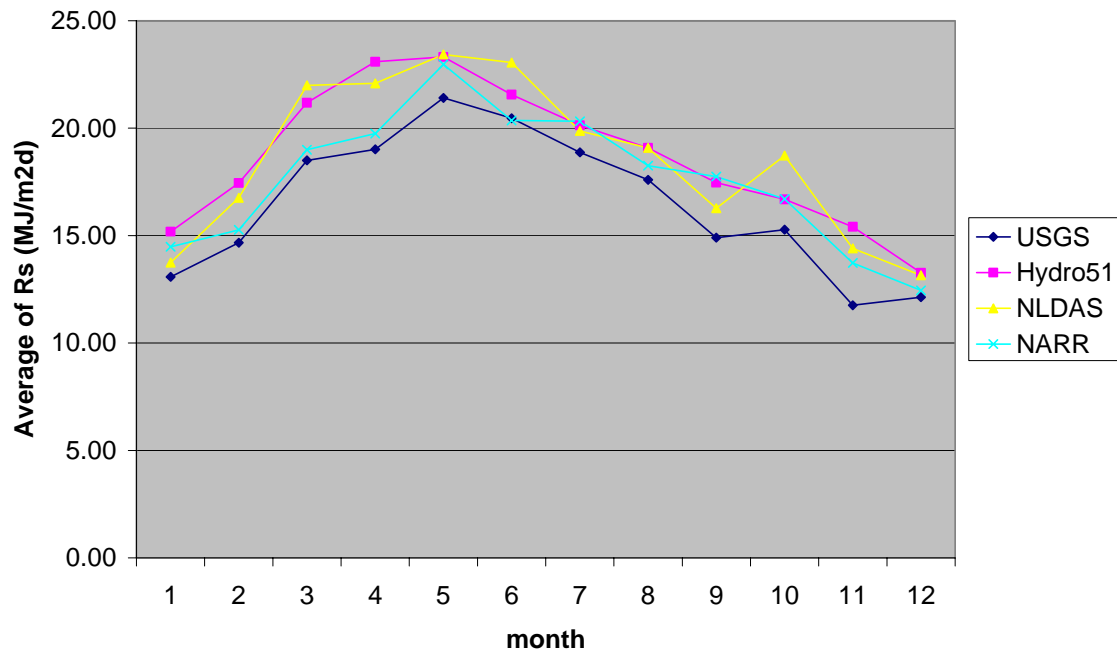
**StdDev of Rs (MJ/m2d) for Site #1**



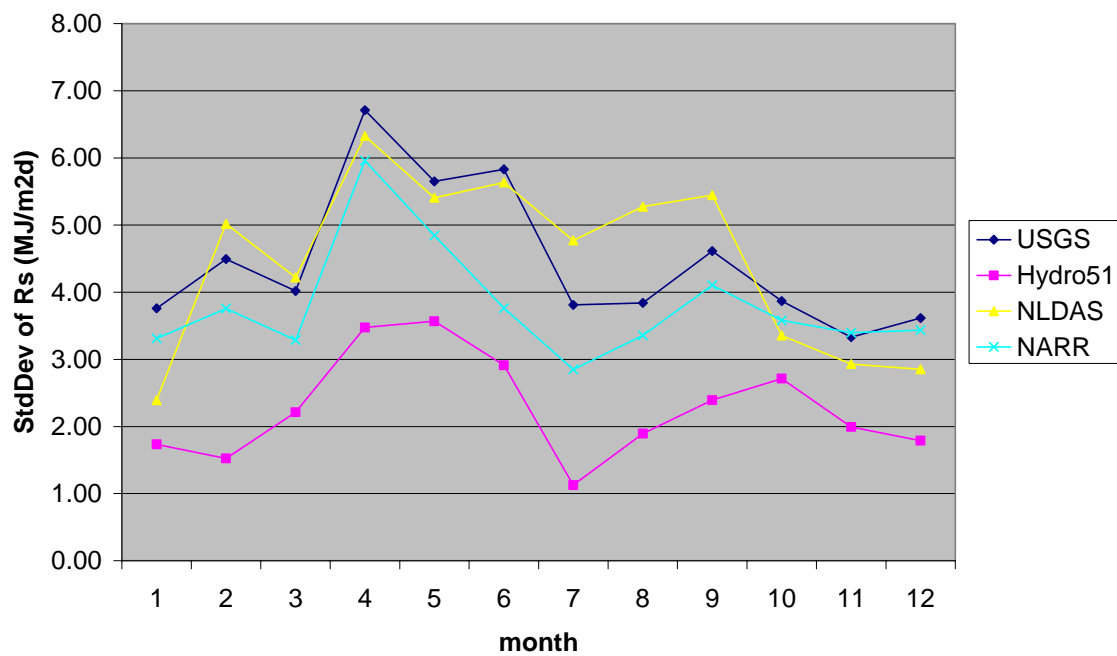


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1997)  
SITE#2 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #2**

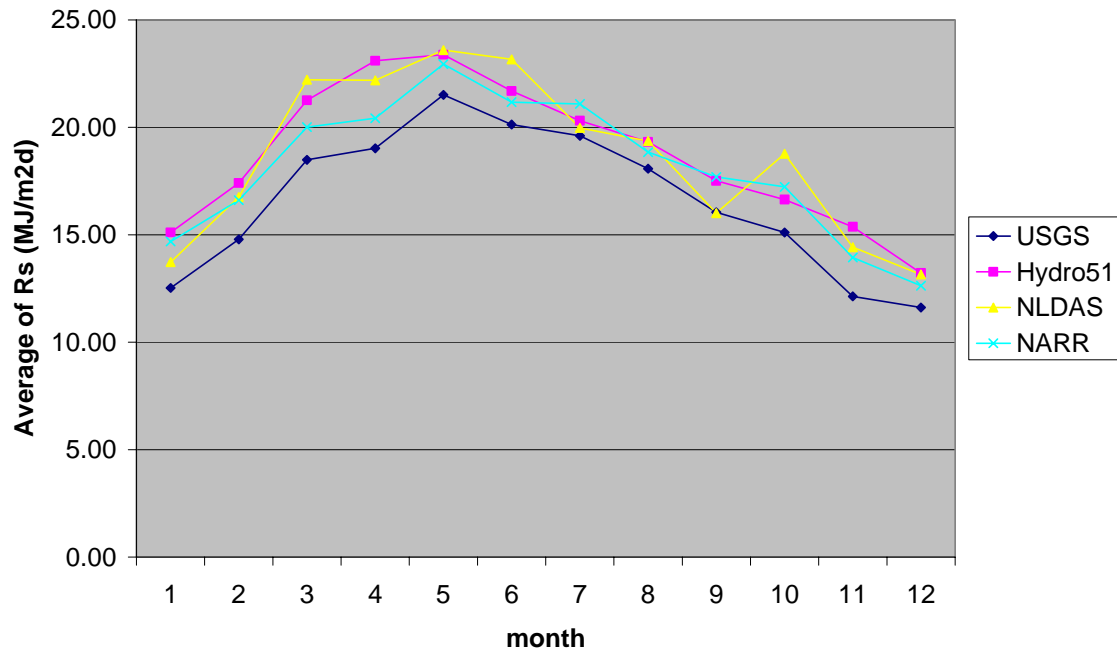


**StdDev of Rs (MJ/m2d) for Site #2**

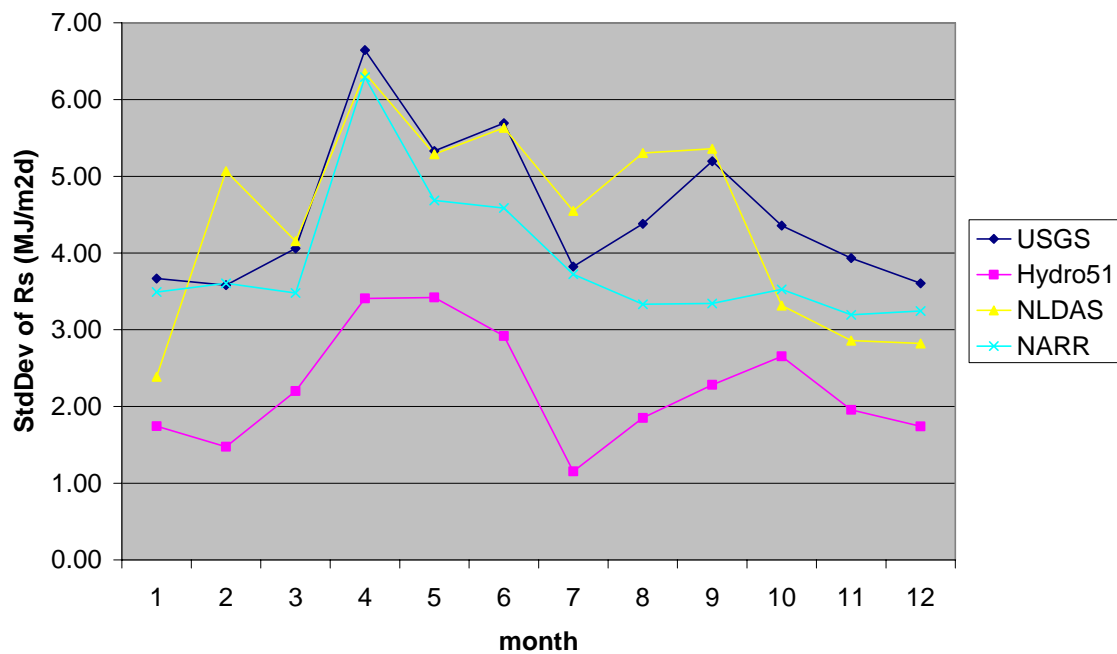


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1997)  
SITE#3 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #3**

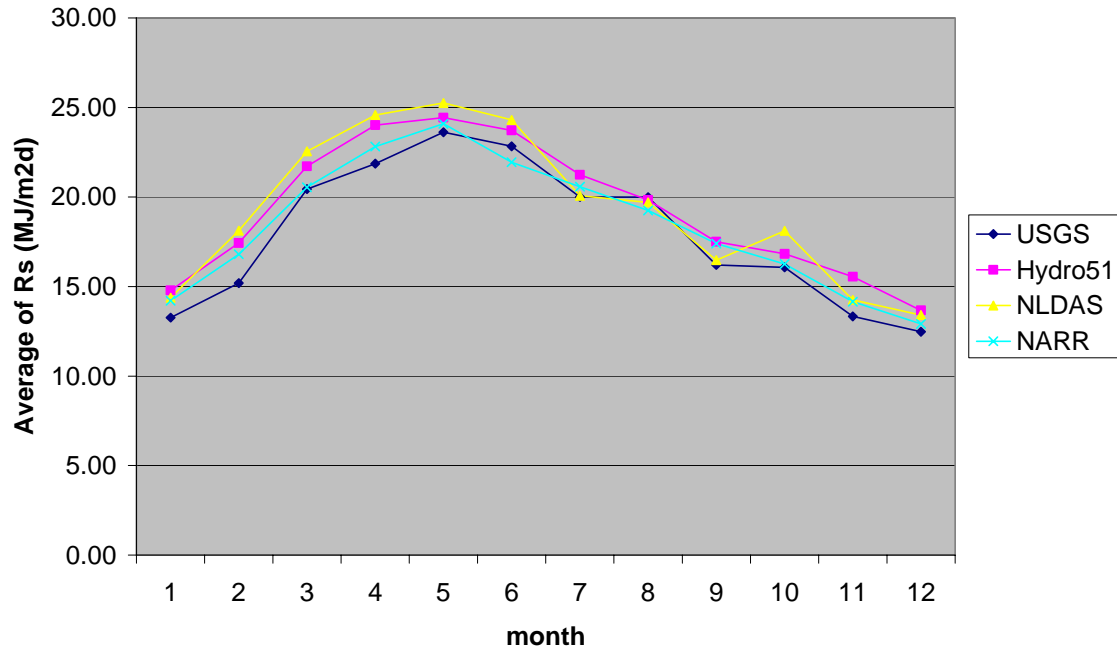


**StdDev of Rs (MJ/m2d) for Site #3**

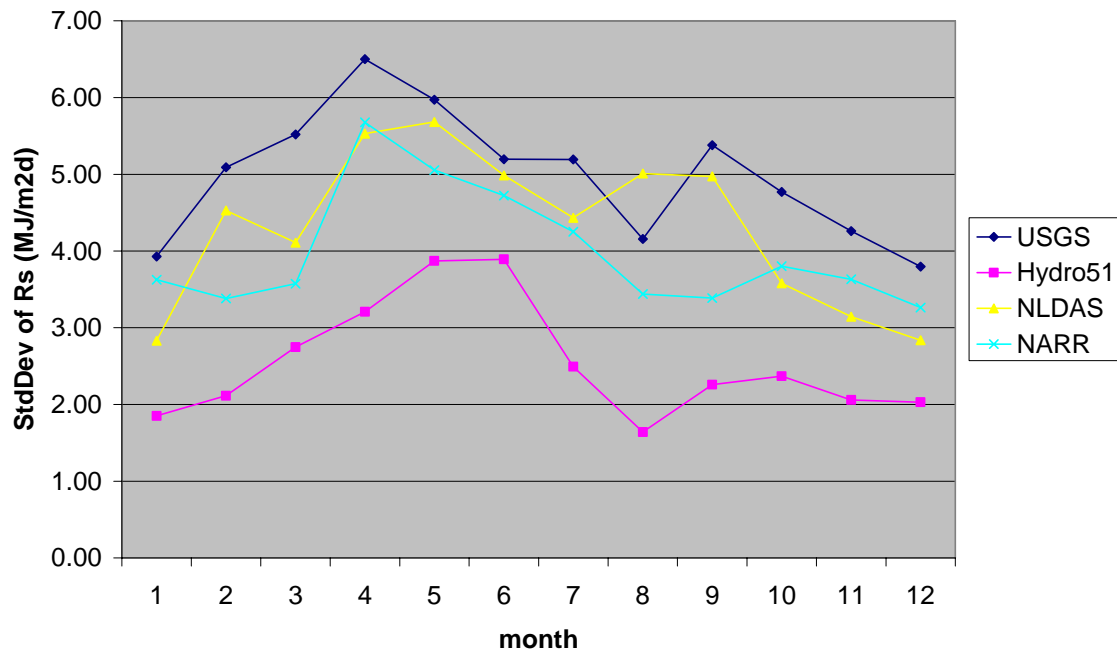


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1998)  
SITE#4 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #4**

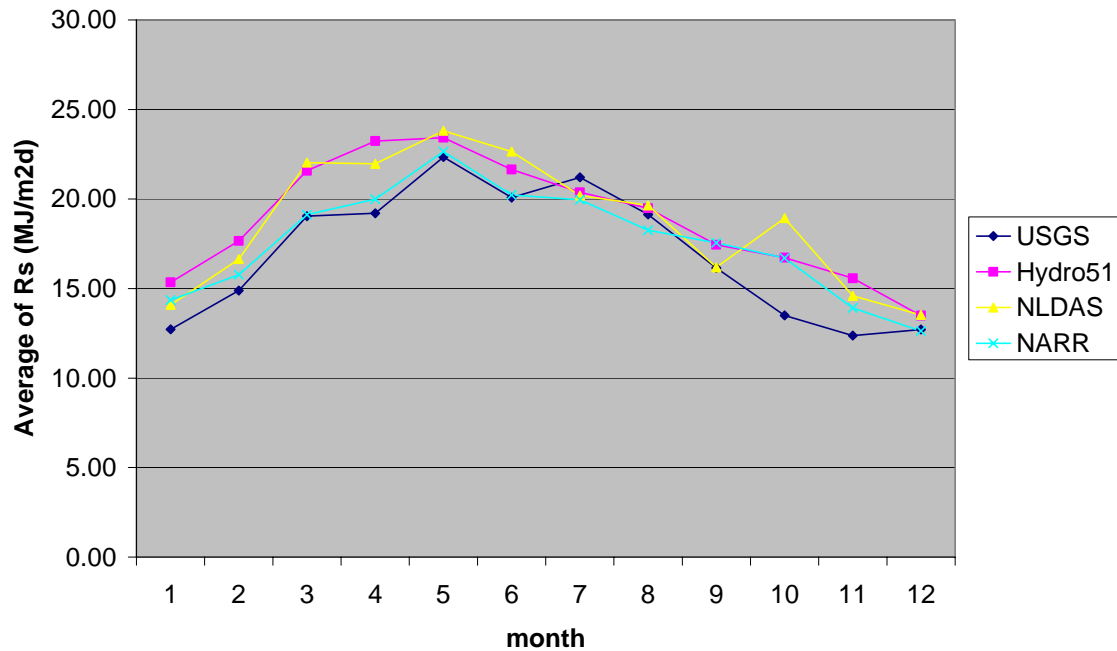


**StdDev of Rs (MJ/m2d) for Site #4**

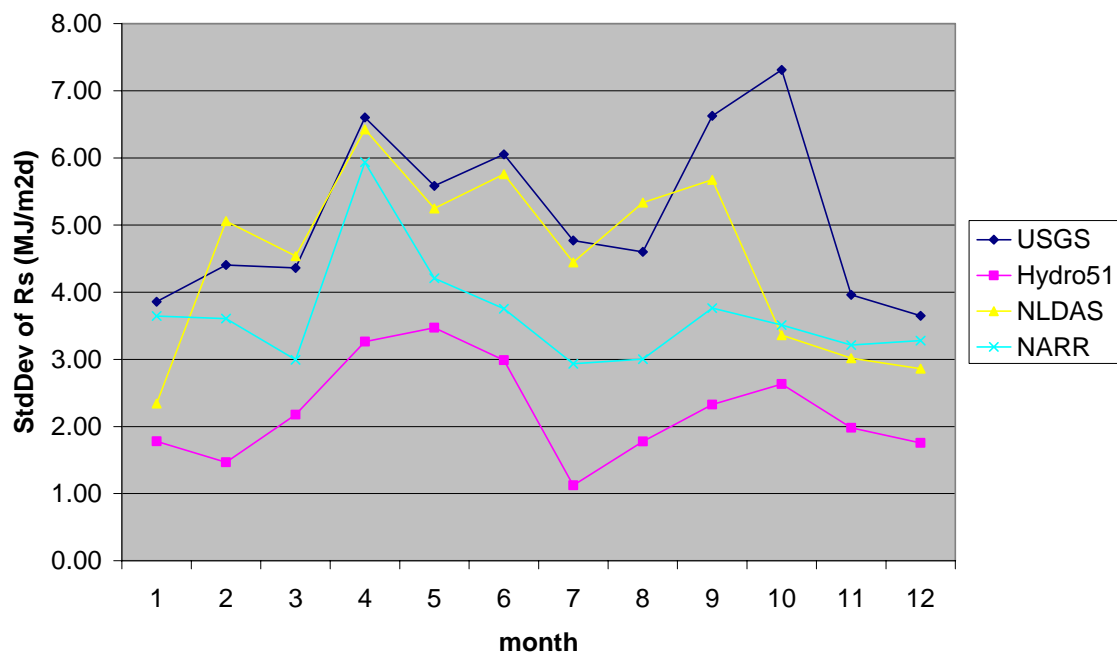


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1997)  
SITE#5 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #5**

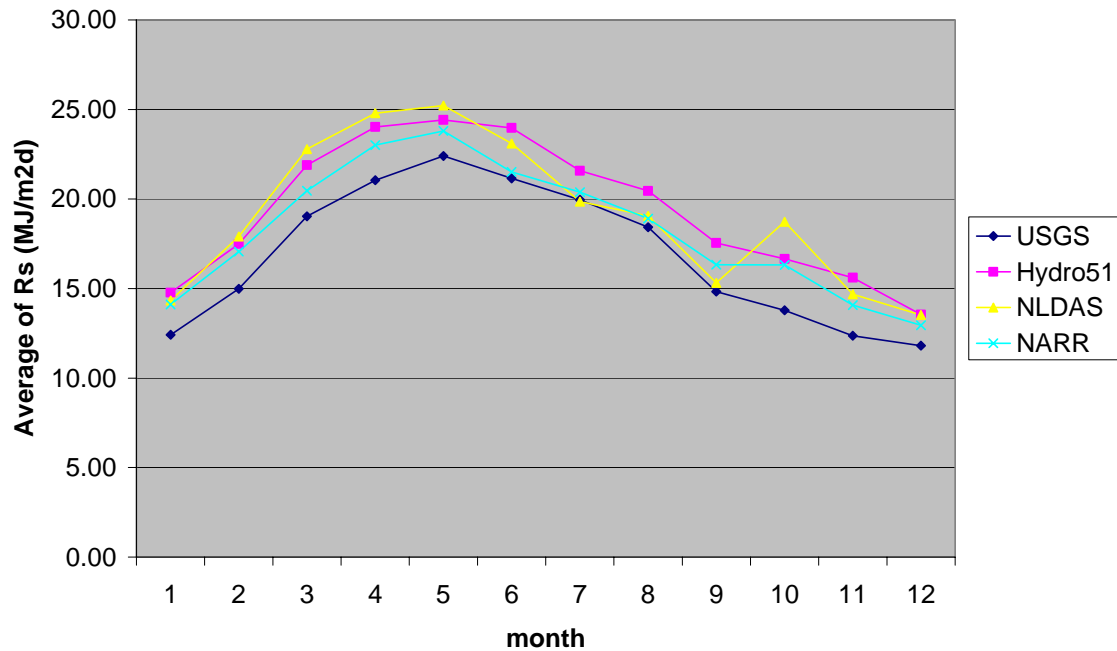


**StdDev of Rs (MJ/m2d) for Site #5**

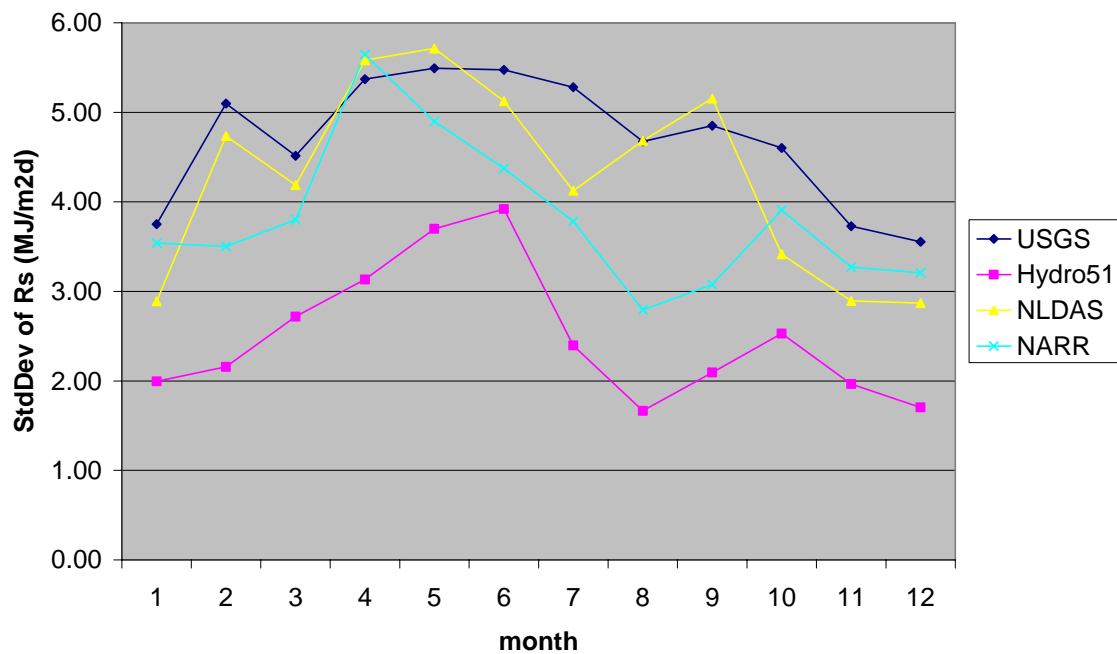


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1998)  
SITE#6 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #6**

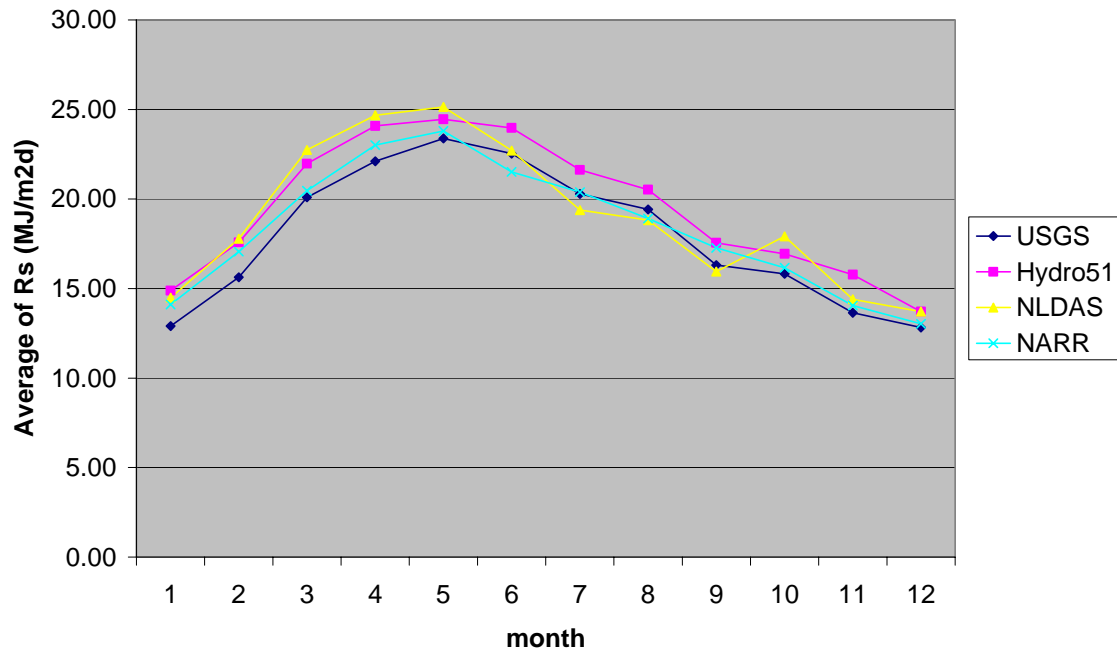


**StdDev of Rs (MJ/m2d) for Site #6**

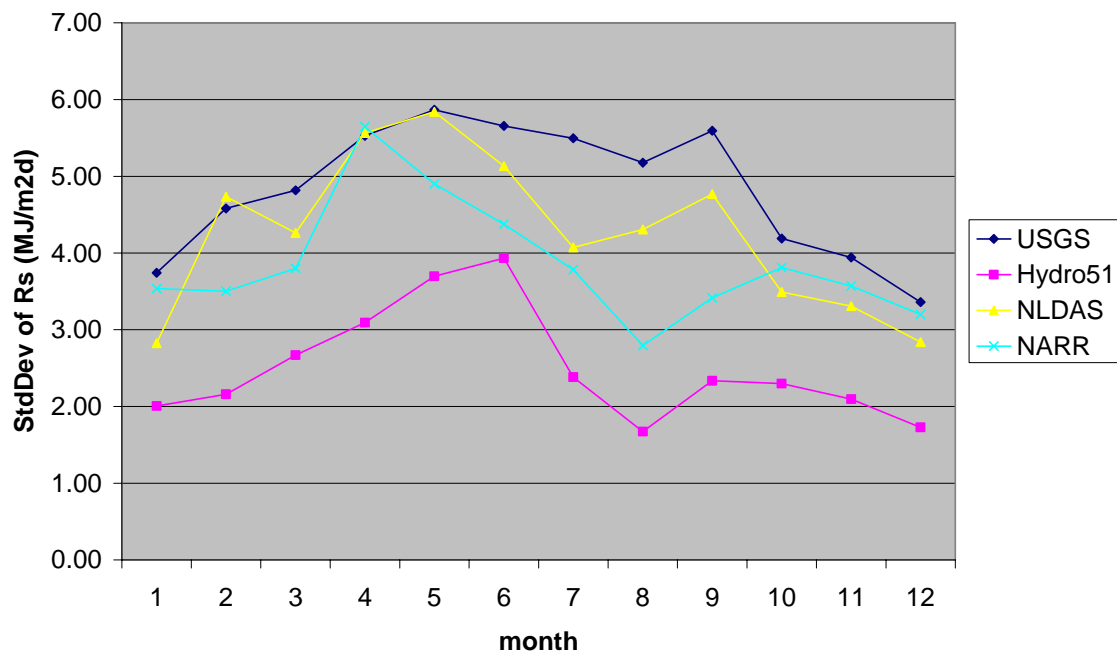


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1998)  
SITE#7 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #7**

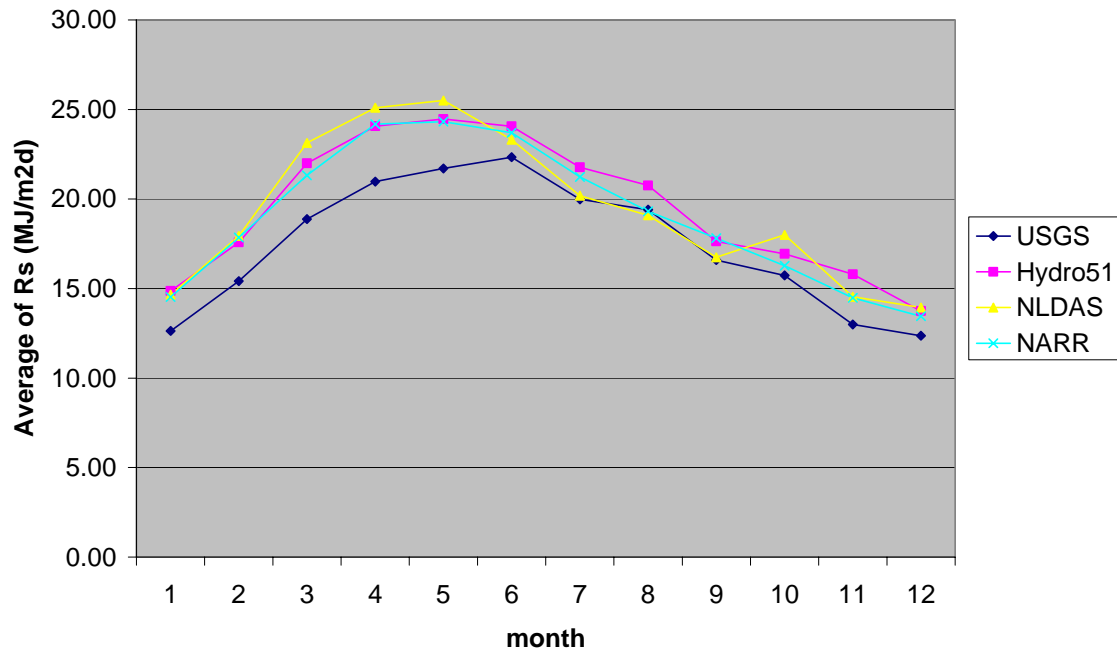


**StdDev of Rs (MJ/m2d) for Site #7**

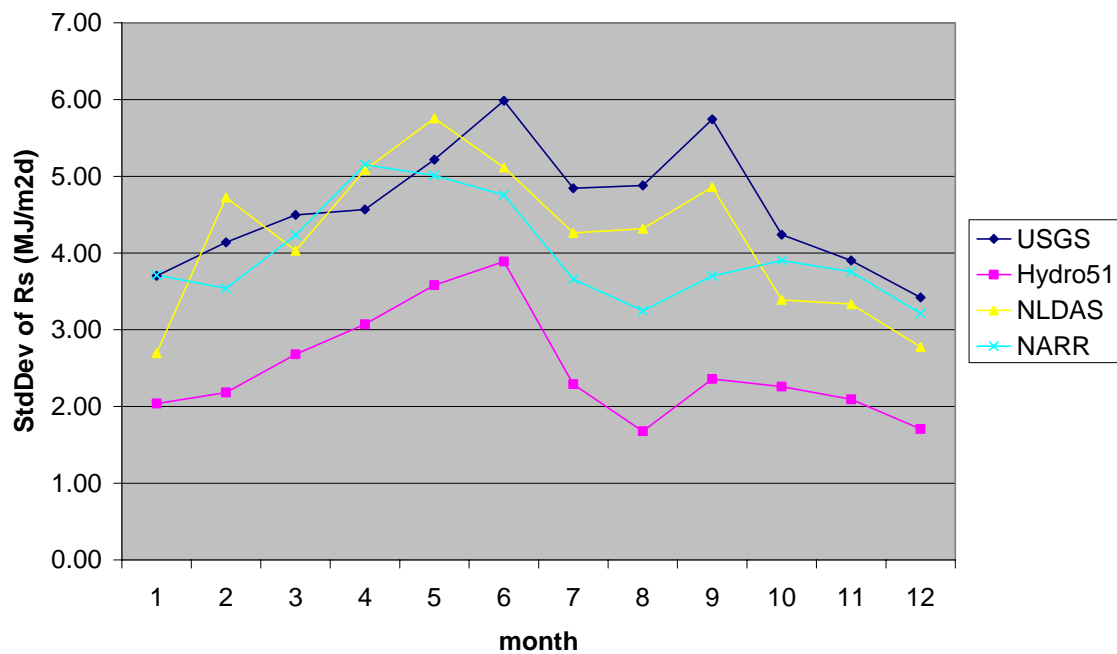


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1996-1998)  
SITE#8 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #8**

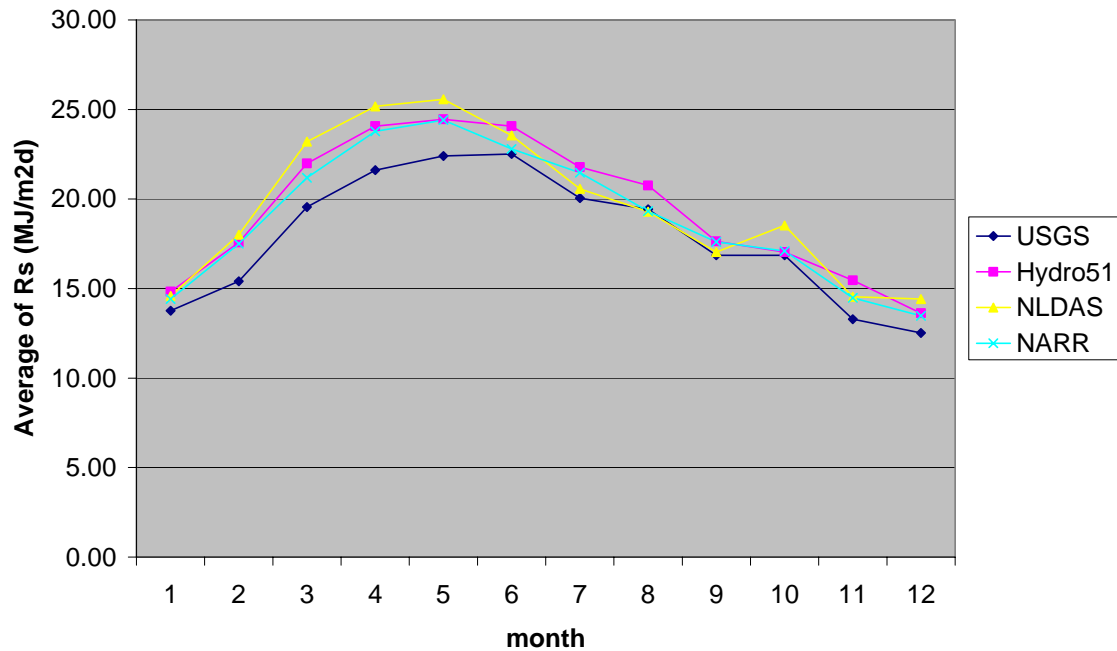


**StdDev of Rs (MJ/m2d) for Site #8**

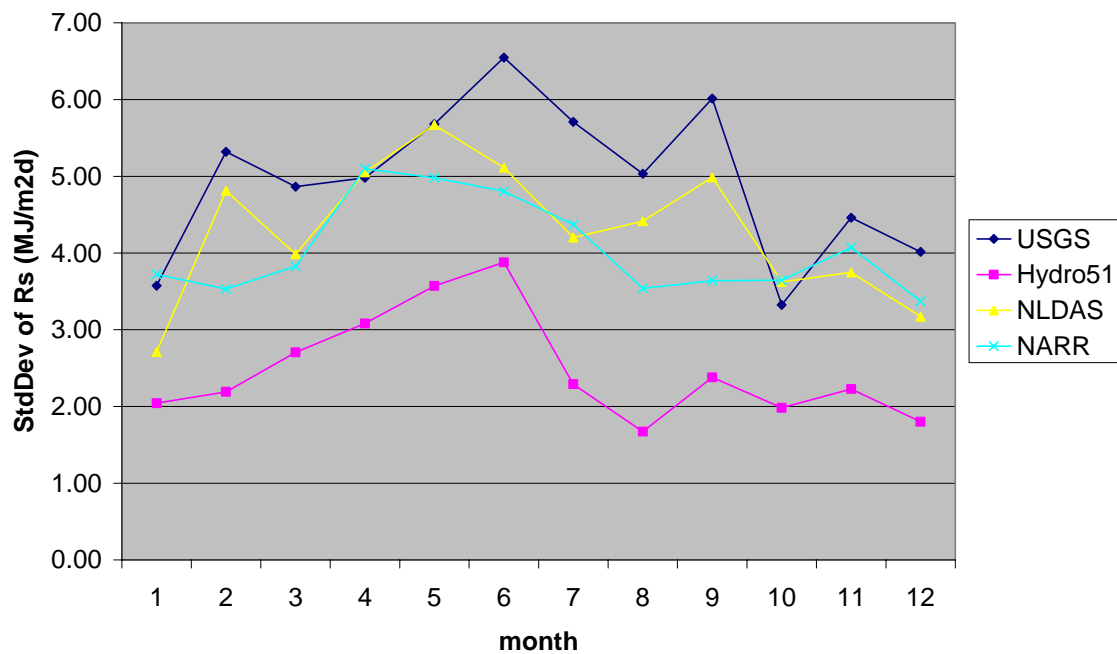


USGS (E. German) versus NARR versus NLDAS versus Hydro51 (1997-1998)  
SITE#9 -- Solar Radiation

**Average of Rs (MJ/m2d) for Site #9**



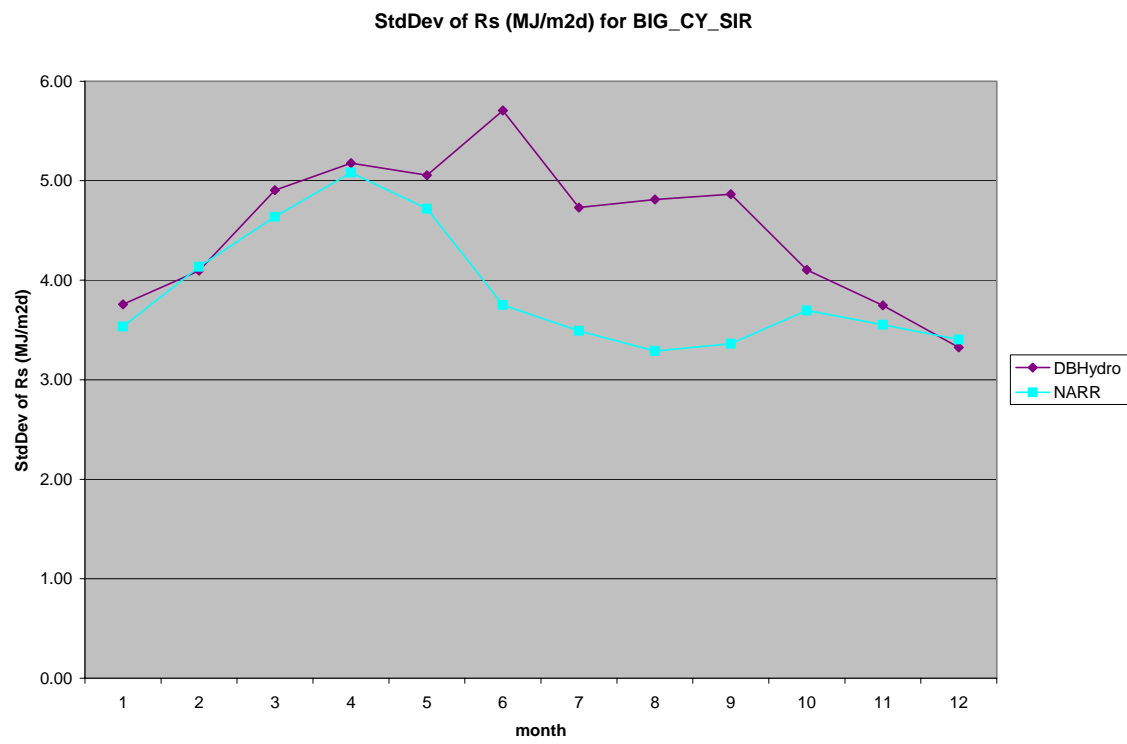
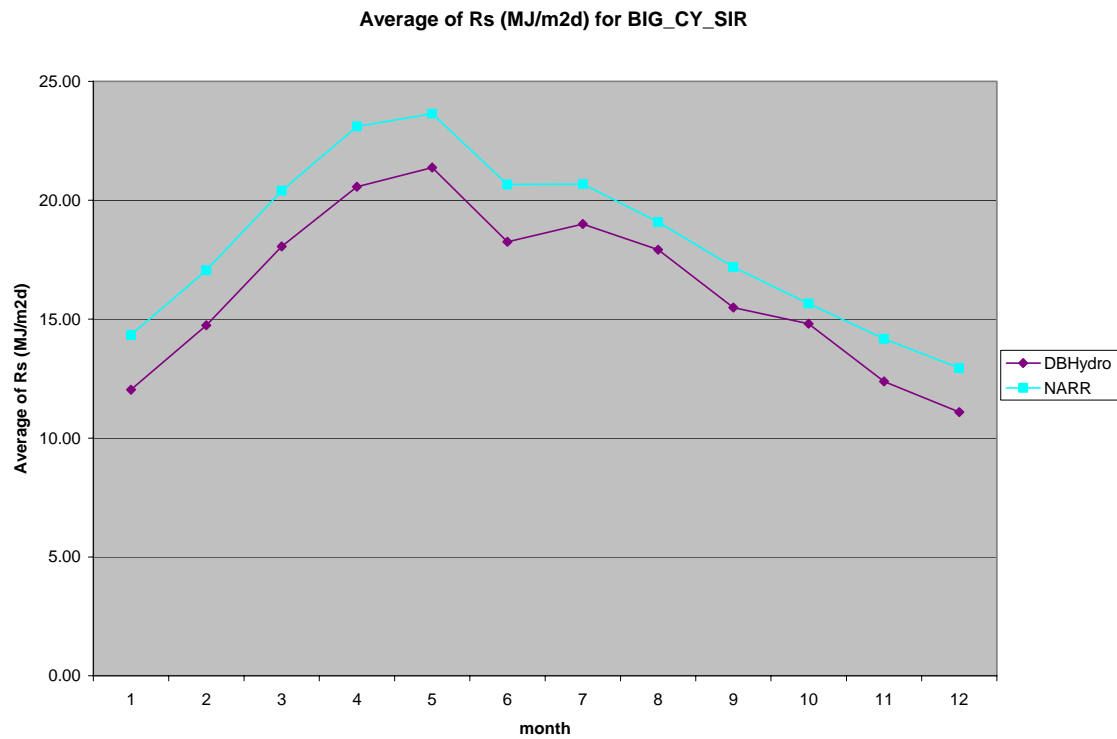
**StdDev of Rs (MJ/m2d) for Site #9**





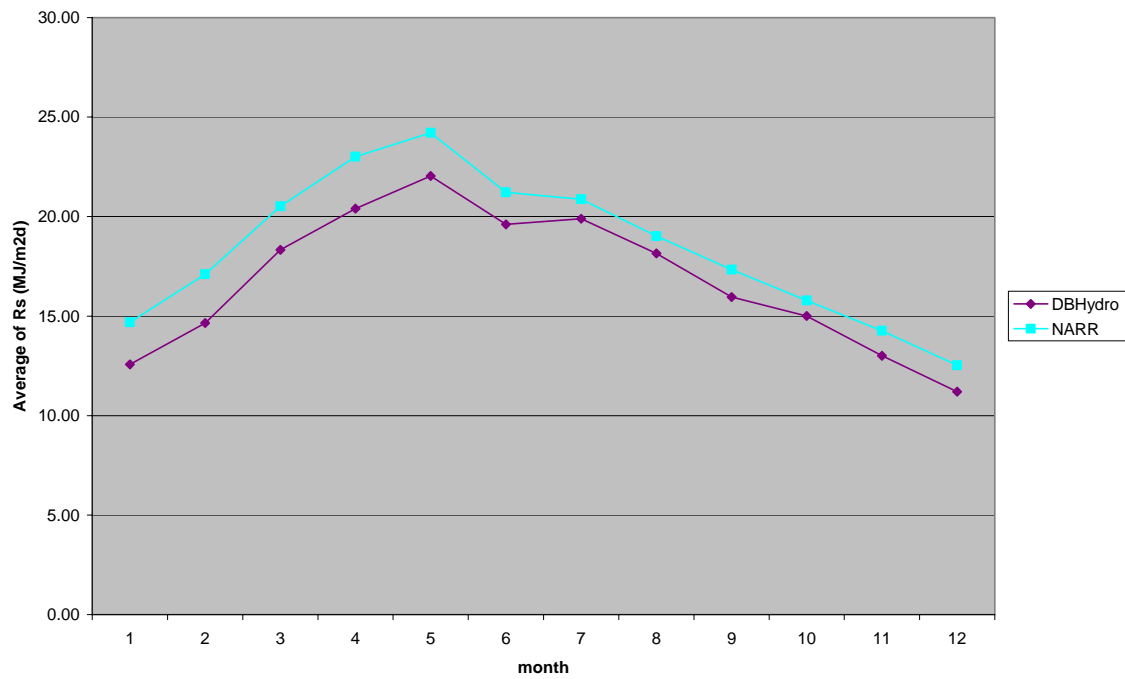
BCSI (point 107 in NARR)

DBHydro versus NARR (1992-2005) -- Solar Radiation

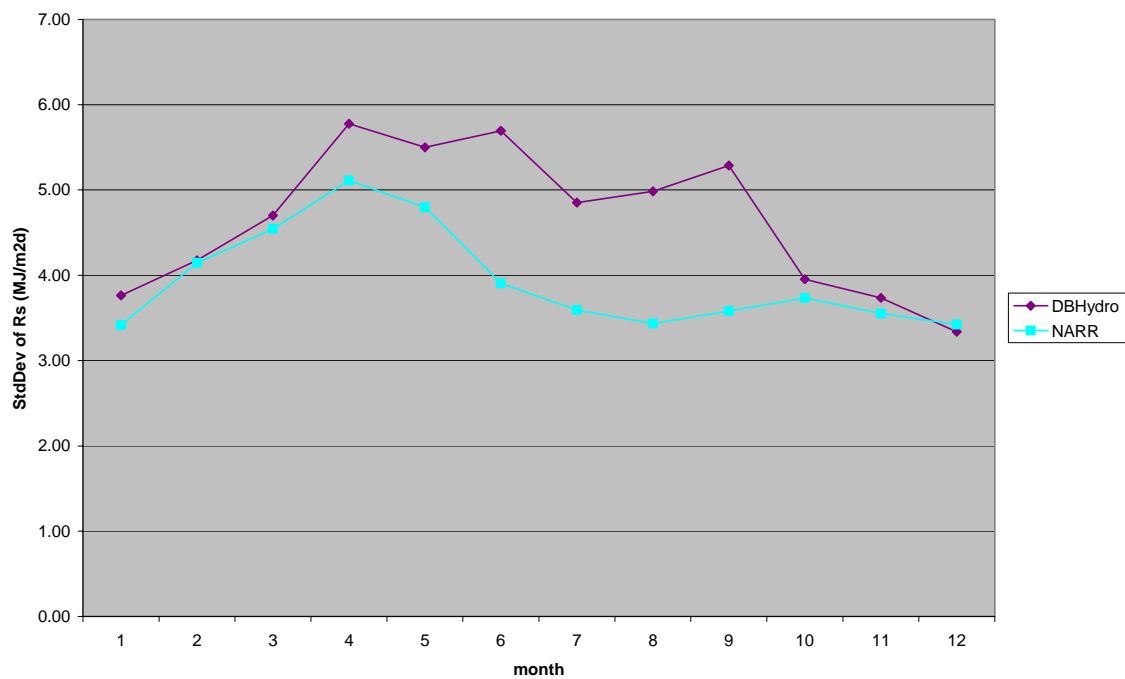


ENR308 (point 94 in NARR)  
DBHydro versus NARR (1994-2004) -- Solar Radiation

Average of Rs (MJ/m2d) for ENR308

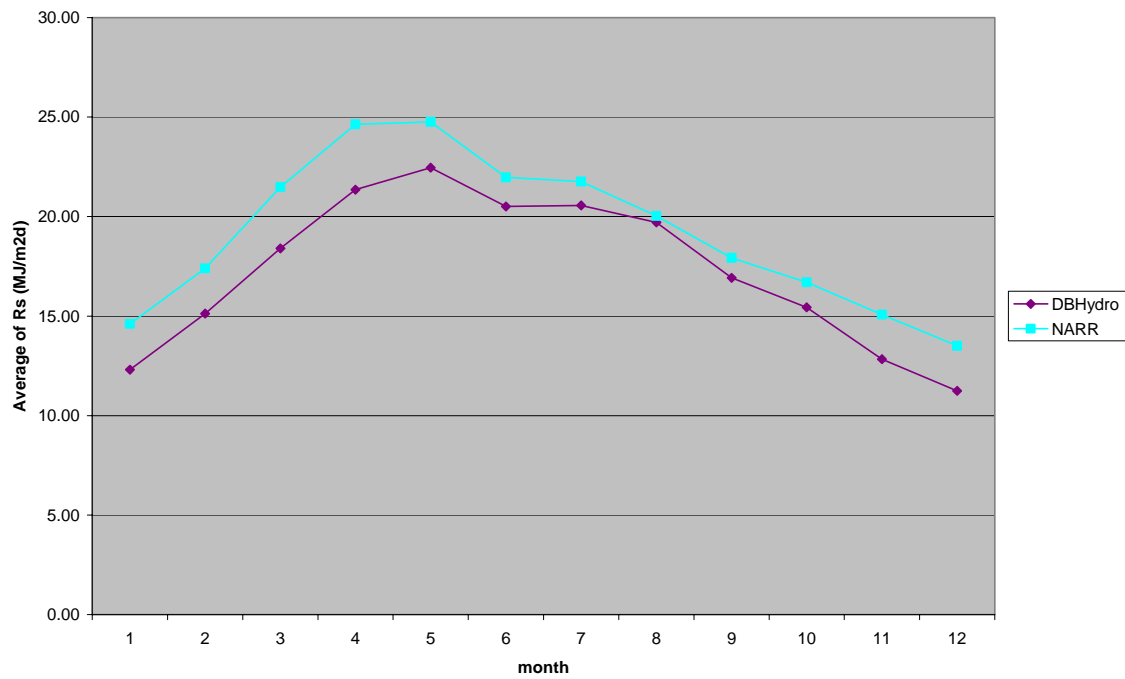


StdDev of Rs (MJ/m2d) for ENR308

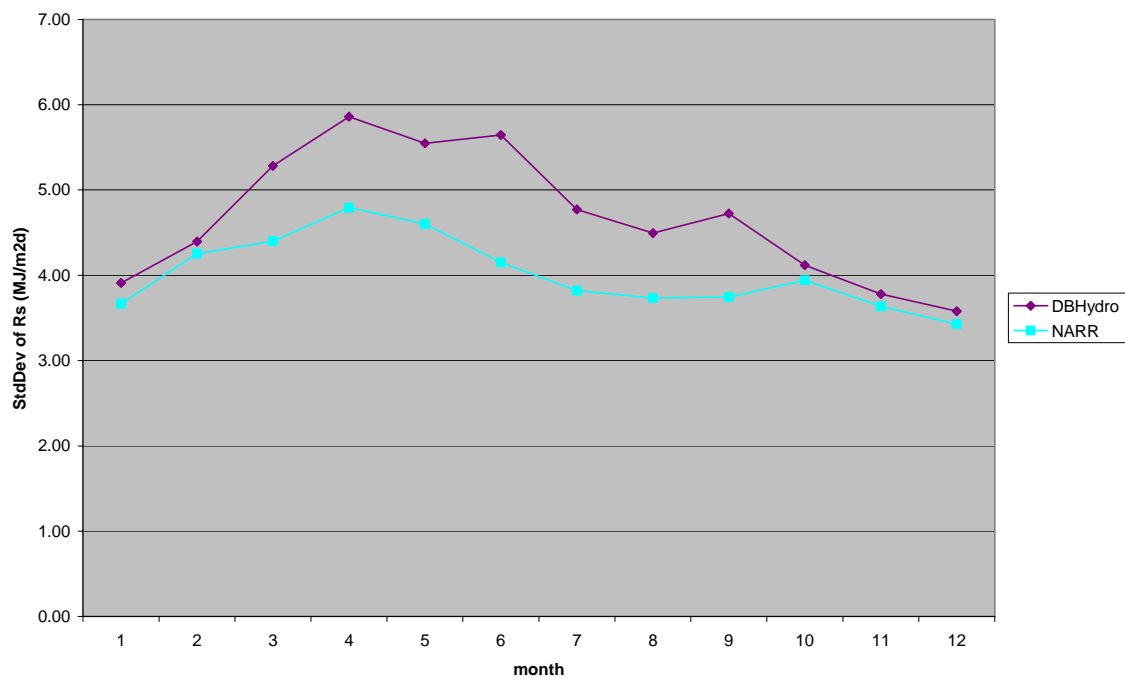


S65CW (point 63 in NARR)  
DBHydro versus NARR (1992-2005) -- Solar Radiation

Average of Rs (MJ/m2d) for S65CW



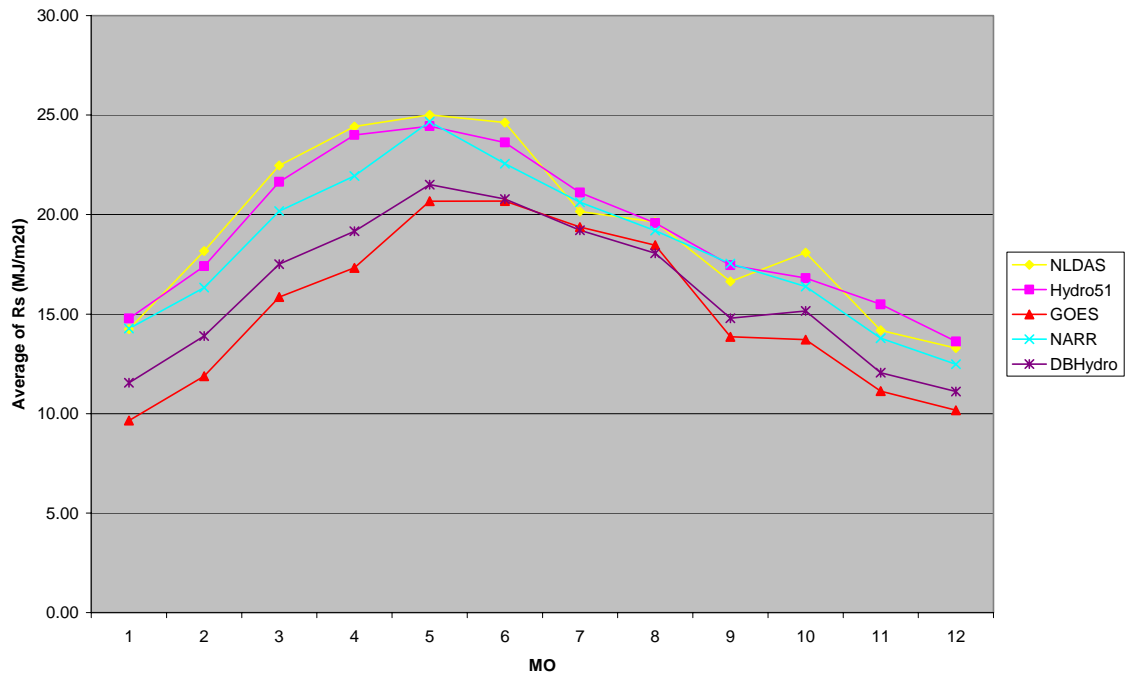
StdDev of Rs (MJ/m2d) for S65CW



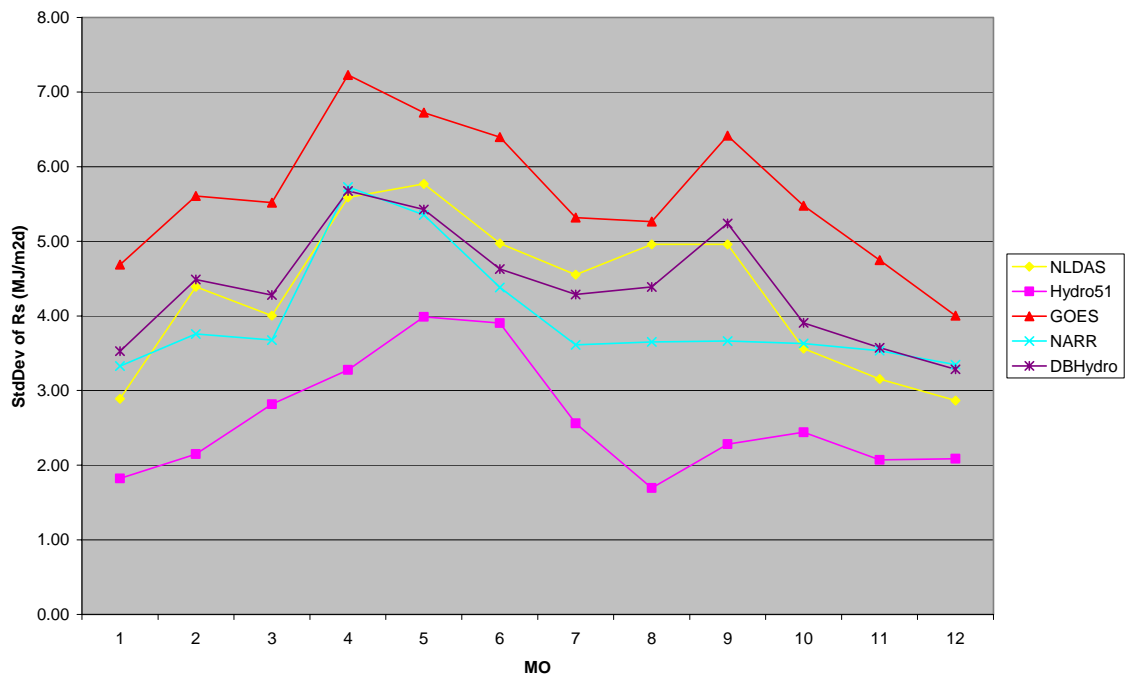
## ENR308 Solar Radiation

NLDAS versus Hydro51 versus GOES versus NARR versus DBHYdro (1996-1998)–

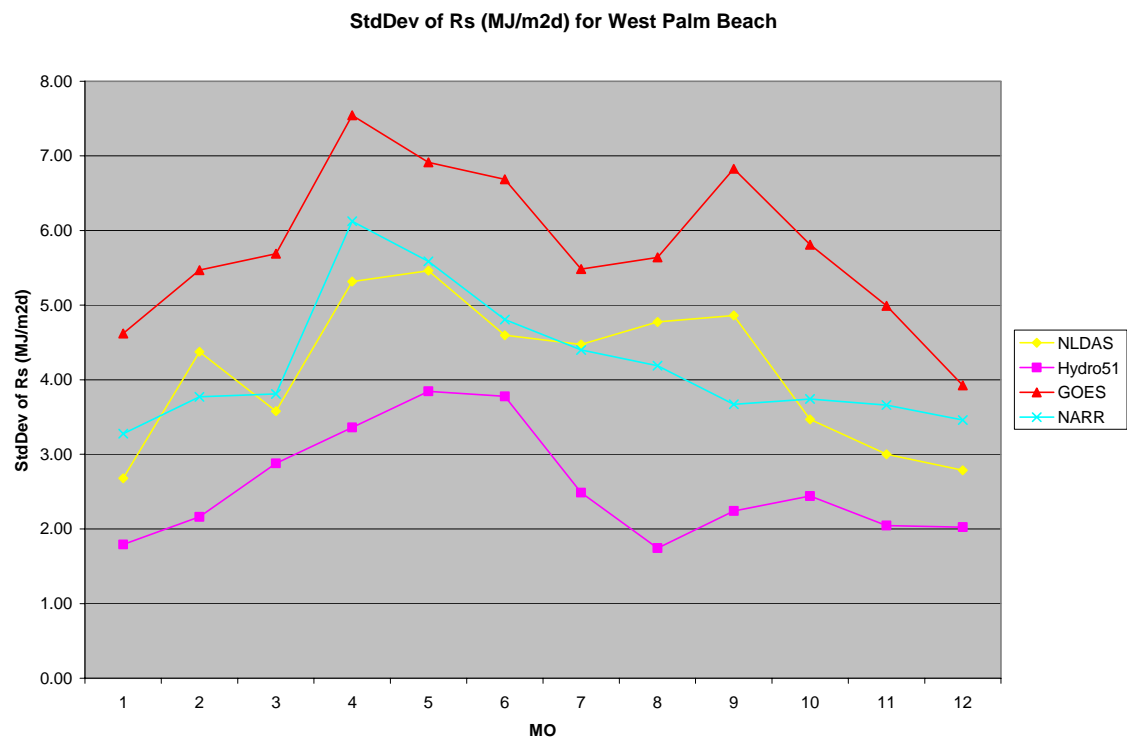
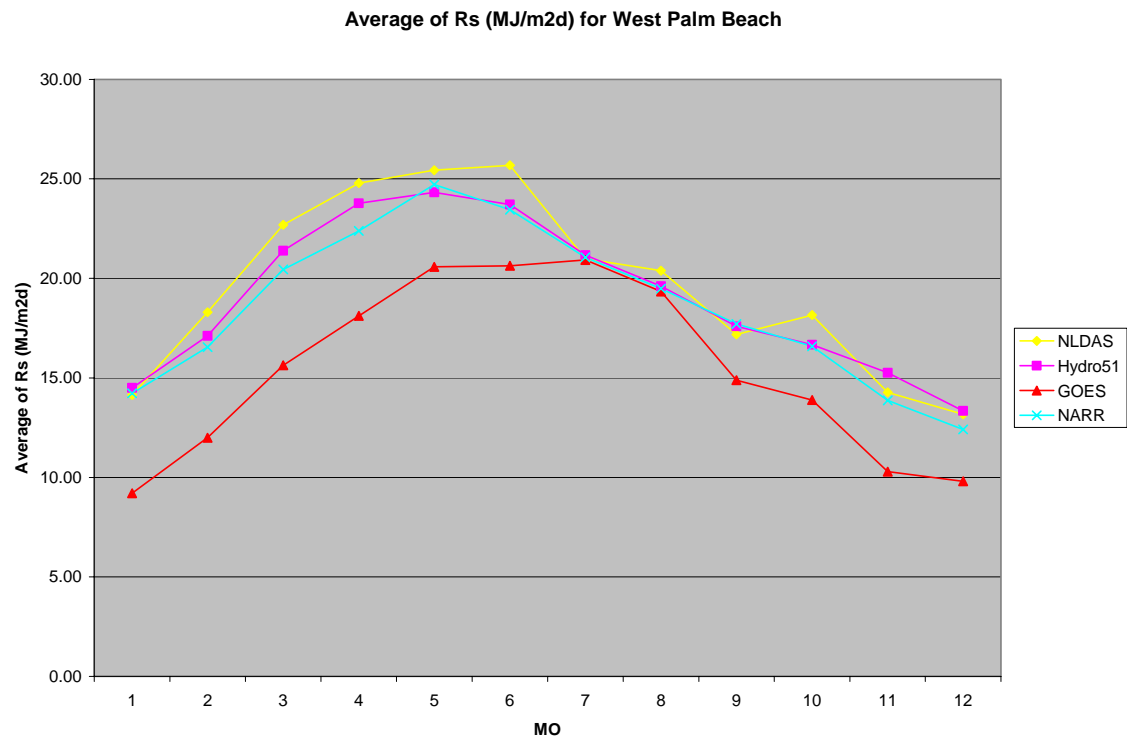
Average of Rs (MJ/m2d) for ENR308



StdDev of Rs (MJ/m2d) for ENR308



WEST PALM BEACH  
NLDAS versus Hydro51 versus GOES versus NARR (1996-1998)– Solar Radiation



## MIAMI

NLDAS versus Hydro51 versus GOES versus NARR(1996-1998)– Solar Radiation

