

Table 1: July 19, 2000 - Subsystem Status.

| SS No. | SS Lead | Status | Problems |
|--------|------------------|--|----------|
| 1.0 | Escuadra /Cooper | <ul style="list-style-type: none">Continued to maintain the TRMM housekeeping data plots on the web. (Cooper, Spence)Working to streamline the process for getting the TRMM Housekeeping plots onto the web, duplicate files, etc. are being reviewed to determine if they are necessary. (Filer)Continuing analysis of the TRMM data to determine a method to extract the radiometric data from the noisy data stream. (Spence)Continuing integration of the SS1 code updates to support the delivery. (Cooper, Escuadra)Getting TRMM covers on data and processing for Task 37 as time permits. (Cooper)Continued monitoring Terra data production/ processing and providing data analysis support. (Cooper)MODIS subsetted files sent on to Clouds for their review. Working with Clouds to resolve any problems that might be found. (Szewczyk)Continued TRMM/Terra operations/analysis support. (Weaver) | |

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| 2.0 | Kizer | <ul style="list-style-type: none">• Working with instrument group on problem with ERBE-like runs at the DAAC. Bad FOV values are not flagged bad in PRES8. (Kizer)• Preparing the ERBE-like software for a CM delivery. (Kizer)• Completed updating the mtsa code by incorporating F90 modules. Incorporated cereslib Openfile and Closefile subroutines and new msg_util subroutine. Writing prologues for new modules. (Kizer)• Completed updating the inversion code by incorporating F90 modules. Call to sysmsg subroutines have been replaced with a single msg_util subroutine. (Kizer)• Continue with creating a program that will check multiple ascii QC reports. Additional changes made to input parameter file to ease user interface. Working on User's Manual and test examples. (Walikainen)• QC software was added to a test version of SS2 and SS3 production software. Continuing to make changes to adhere to production software rules. (Walikainen, Kizer)• Continuing to inspect ERBE-like Terra and TRMM output plots and QC reports on the Web. (Walikainen, Kizer) | |
| 3.0 | Kizer | <ul style="list-style-type: none">• Combined with above. | |

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| 4.1 | Murray | <ul style="list-style-type: none">• Worked on setting up the Gif File Generator and writing a script to produce web pages in new format. (R. Brown)• Continued to work on the automation process for Cloudvis web pages. (R. Brown)• Loaded one day of MODIS radiance and geolocation data and ran the data with clear sky related algorithms on. (Sun-Mack/Murray)• Worked to produce TRMM and Terra ground track plots for June 23, 2000 to identify overlapping areas. (Sun-Mack/Chen)• Began preparations for the IRS conference in St. Petersburg. Selected good regions, ran the data and produced vu-graphs for use. (Sun-Mack)• Modified the code to allow, if needed, use the ERBE and VIRS directional models at the same time. (Murray)• Made modifications to the production code and scripts to allow for processing of AVHRR data again. Loaded and ran several days of data to identify some valid hours for processing. (Trepte/Murray)• Made modifications to the Subset CloudVis algorithm to take into account the reduced area coverage for the files that are desired by the Science Team. (Murray)• Made modifications to the Clouds Code to facilitate processing of the Cloud algorithms through the TiSA Subsystem. (Murray/Stassi) | |
| 4.2 | Murray | Combined with above. | |
| 4.3 | Murray | Combined with above. | |

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| 4.4 | Miller | <ul style="list-style-type: none"> Analyzed results from new algorithm to extend known cloud properties to entire cloud fraction. (Miller, Rapp) Implemented and tested new ssf_typdef that provided new variable for percent cloud property extrapolation. (Miller) Updated SSF_Compare program. (Rapp) Continued development on IDL routine to produce broadband vs. narrowband regressions. (Rapp) | |
| 4.5 | Nolan | <ul style="list-style-type: none"> Updated and tested inversion software, using ssf_typdef module, Version 117 and the latest version of ssfqc_typdef. (Nolan) Initiated work to update all inversion software which uses the binary SSF QC report and/or ssfqc_typdef. (Whitley, Franklin and Nolan) Completed work to regenerate 8 months of TRMM SSF subset files, using new SSF subset type 114 definition. (Whitley and Nolan) Initiated work to create TRMM SSF subset files, using new SSF subset type 115 definition. (Whitley and Nolan) Continued work to update SSF HDF code to match latest version of the SSF DPC pages. (Franklin) | |
| 4.6 | Nolan | Combined with above. | |
| 5.0 | Coleman | <ul style="list-style-type: none"> Continued work on the surface albedo pre-processor. (Coleman) Provided timing estimates to Maria Mitchum. (Coleman) Incorporating new window response function coefficients as a result of the revised response function incorporated upstream from SARB. (Coleman) | |
| 7.2 | Coleman | Combined with above. | |
| 12.0 | Coleman | <ul style="list-style-type: none"> Found and fixed cause of warning messages encountered in CM testing that were not encountered prior to delivery. (Caldwell) Investigating problems encountered at DAAC with ECMWF subsetting software. (Caldwell) | |

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| 7.1 | Nguyen/Raju | <ul style="list-style-type: none"> No new updates | |
| 8.0 | Raju/Nguyen | <ul style="list-style-type: none"> No new updates | |
| 10.0 | Nguyen/Raju | <ul style="list-style-type: none"> Continued to help Cynthia (summer intern) to write TISA Averaging output HDF products similar to Erbe-Like HDF products. Validated overlap hours data on January and February PMOA files. Comparing eight months of CAVE data with SSF, SFC and SRBAVG outputs. Searching for the causes of the bad measured data. | |
| 6.0 | McKoy | <ul style="list-style-type: none"> No new updates. | |
| 9.0 | McKoy | Combined with above. | |
| 11.0 | Stassi/Fan | <ul style="list-style-type: none"> The LBTM routines for GEO pixels were put into the Clouds code and are accessible for GGEO/ Clouds processing. There is still a core dump during processing that is being investigated. (Murray, Stassi, Sun-Mack) Completed modifications to the generator scripts to include the cloud information in the GGEO PCF and its input file. The process uses the input file generator from Clouds to add the cloud information. (Stassi) | |
| CERESlib Stassi/ Fan | | <ul style="list-style-type: none"> Sent small test program to SGI demonstrating the problem that the <code>c_getenv()</code> function has when it interacts with Fortran code compiled with the SGI F90 compiler. (Stassi) | |
| CM | Ayers | <ul style="list-style-type: none"> Tested and released Regrid MOA to the Langley DAAC. (Ayers) Waiting for the Instrument delivery. (Ayers) Met with Jim Kibler and Maria Mitchum to discuss the Document Plan. (Robbins, McKoy, Ayers) | |
| IST | Flug | <ul style="list-style-type: none"> No new updates. | |