NEW! TRMM Version 7 Products

Precipitation datasets (left):
- Standard TRMM products
- Ancillary products (e.g., merged IR)
- Ground based instruments
- Other precipitation products in TOVAS (e.g., WRF-Chem, GPCP)

Other data products:
- Other remote sensing products from different missions (e.g., ARES, A-Train)
- Modeling products (e.g., MERRA, GLDAS)

NEW! GPCP Version 2.2 Precipitation Dataset in TOVAS Now

The Global Precipitation Climatology Project (GPCP) has released its latest version, 2.2.

Temporal Coverage:
- Long term monthly means, derived from the monthly data

Spatial Coverage:
- 2.5 degrees latitude x 2.5 degrees longitude grid
- 88.75°N – 88.75°S
- 1.25°E – 358.75°E

Value-added Products and Services:
- Ensuring the unimpeded data flow is directed at actual user needs, helping to solve user problems.

New in TOVAS: Inter-comparison of V6 and V7 TRMM

Provides application users the ability to inter-compare near-real-time (3B42RT) and research quality (3B42) rainfall products for product adjustments (i.e., biases).

New in TOVAS: Inter-comparison of 3B42 and 3B42RT

Large differences between 3B42 and 3B42RT are found over the "Big Island" of Hawaii during the wet and dry seasons of 2009.

Value-added in TOVAS:
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of actual rainfall products (to be released in 2013)

Ongoing:
- Integrate IPWG Validation Algorithms into TRMM Online Visualization and Analysis System (TOVAS)
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Example Applications (Agriculture): United Nations World Food Programme

Acknowledgement: “Integrating NASA Earth Science Enterprise Data into Global Agricultural Decision Support Systems.” This project is part of the Earth Science Education, and Applications Solutions Network (REASoN CAN-02-OES-01).

Example Applications (Emergency Management): U.S. National Oceanic and Atmospheric Administration (NOAA) - National Oceanic and Atmospheric Administration (NOAA)

Email: Zhong.Liu@nasa.gov

New in TOVAS: Inter-comparison of V6 and V7 TRMM

Provides application users the ability to inter-compare near-real-time (3B42RT) and research quality (3B42) rainfall products for product adjustments (i.e., biases).

New in TOVAS: Inter-comparison of 3B42 and 3B42RT

Large differences between 3B42 and 3B42RT are found over the "Big Island" of Hawaii during the wet and dry seasons of 2009.

Value-added in TOVAS:
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Ongoing:
- Integrate IPWG Validation Algorithms into TRMM Online Visualization and Analysis System (TOVAS)
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Example Applications (Agriculture): United Nations World Food Programme

Acknowledgement: “Integrating NASA Earth Science Enterprise Data into Global Agricultural Decision Support Systems.” This project is part of the Earth Science Education, and Applications Solutions Network (REASoN CAN-02-OES-01).

Example Applications (Emergency Management): U.S. National Oceanic and Atmospheric Administration (NOAA) - National Oceanic and Atmospheric Administration (NOAA)

Email: Zhong.Liu@nasa.gov

The Global Precipitation Climatology Project (GPCP) has released its latest version, 2.2.

Temporal Coverage:
- Long term monthly means, derived from the monthly data

Spatial Coverage:
- 2.5 degrees latitude x 2.5 degrees longitude grid
- 88.75°N – 88.75°S
- 1.25°E – 358.75°E

Value-added Products and Services:
- Ensuring the unimpeded data flow is directed at actual user needs, helping to solve user problems.

New in TOVAS: Inter-comparison of V6 and V7 TRMM

Provides application users the ability to inter-compare near-real-time (3B42RT) and research quality (3B42) rainfall products for product adjustments (i.e., biases).

New in TOVAS: Inter-comparison of 3B42 and 3B42RT

Large differences between 3B42 and 3B42RT are found over the "Big Island" of Hawaii during the wet and dry seasons of 2009.

Value-added in TOVAS:
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Ongoing:
- Integrate IPWG Validation Algorithms into TRMM Online Visualization and Analysis System (TOVAS)
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Example Applications (Agriculture): United Nations World Food Programme

Acknowledgement: “Integrating NASA Earth Science Enterprise Data into Global Agricultural Decision Support Systems.” This project is part of the Earth Science Education, and Applications Solutions Network (REASoN CAN-02-OES-01).

Example Applications (Emergency Management): U.S. National Oceanic and Atmospheric Administration (NOAA) - National Oceanic and Atmospheric Administration (NOAA)

Email: Zhong.Liu@nasa.gov

The Global Precipitation Climatology Project (GPCP) has released its latest version, 2.2.

Temporal Coverage:
- Long term monthly means, derived from the monthly data

Spatial Coverage:
- 2.5 degrees latitude x 2.5 degrees longitude grid
- 88.75°N – 88.75°S
- 1.25°E – 358.75°E

Value-added Products and Services:
- Ensuring the unimpeded data flow is directed at actual user needs, helping to solve user problems.

New in TOVAS: Inter-comparison of V6 and V7 TRMM

Provides application users the ability to inter-compare near-real-time (3B42RT) and research quality (3B42) rainfall products for product adjustments (i.e., biases).

New in TOVAS: Inter-comparison of 3B42 and 3B42RT

Large differences between 3B42 and 3B42RT are found over the "Big Island" of Hawaii during the wet and dry seasons of 2009.

Value-added in TOVAS:
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Ongoing:
- Integrate IPWG Validation Algorithms into TRMM Online Visualization and Analysis System (TOVAS)
- Inter-comparison of V6 and V7 TRMM (beta versions)
- Long term monthly means of daily rainfall products (to be released in 2012)
- Inter-comparison of climatology products (to be released in 2013)

Example Applications (Agriculture): United Nations World Food Programme

Acknowledgement: “Integrating NASA Earth Science Enterprise Data into Global Agricultural Decision Support Systems.” This project is part of the Earth Science Education, and Applications Solutions Network (REASoN CAN-02-OES-01).

Example Applications (Emergency Management): U.S. National Oceanic and Atmospheric Administration (NOAA) - National Oceanic and Atmospheric Administration (NOAA)

Email: Zhong.Liu@nasa.gov