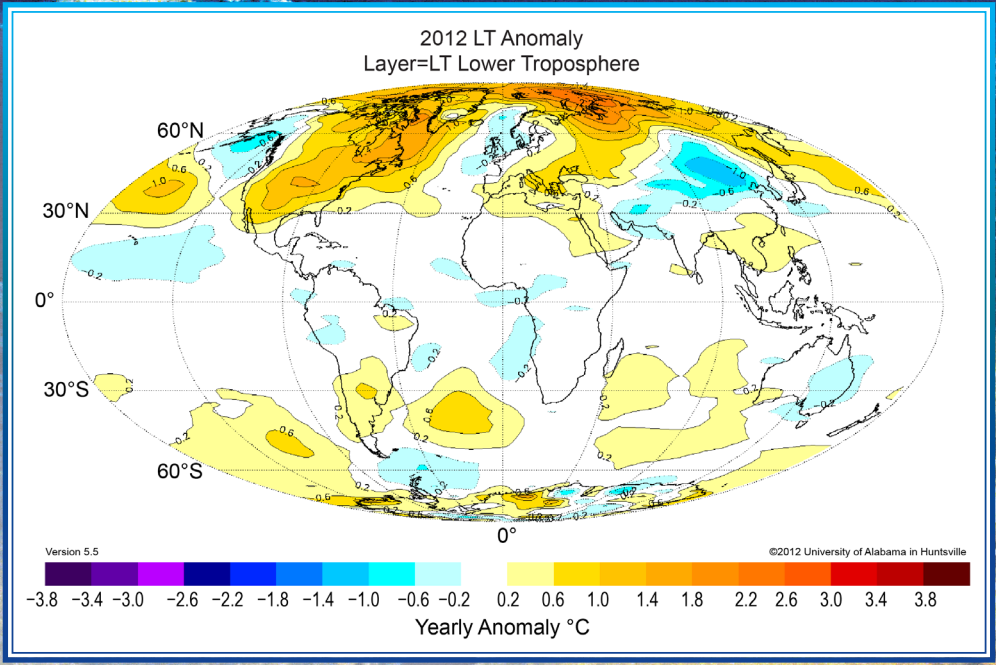
Mean Layer Temperature - UAH MSU/AMSU



Climate Data Record Specifications

- Global coverage
- 2.5 x 2.5 degree resolution
- Daily and monthly products
- 1978–present
- Updated monthly

Variables to this Climate Data Record

- Brightness temperature - lower tropospheric
- Brightness temperature - mid-tropospheric
- Brightness temperature - lower stratospheric
- Brightness temperature - tropopause layer

Some Uses of this Climate Data Record

- Monitoring atmospheric heat content
- Monitoring sudden stratospheric warming/ cooling events
- Monitoring global temperature on daily time scale
- Quantifying climate sensitivity
- Determining magnitude of atmospheric modes (e.g., El Niño, QBO)

Mean Layer Temperature - UAH

https://www.ncdc.noaa.gov/cdr/fundamental/mean-layer-temperature-uah

Climate Data Record Program Information

http://www.ncdc.noaa.gov/cdr

NOAA's Climate Data Record (CDR)

www.climate.gov
www.ncdc.noaa.gov

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