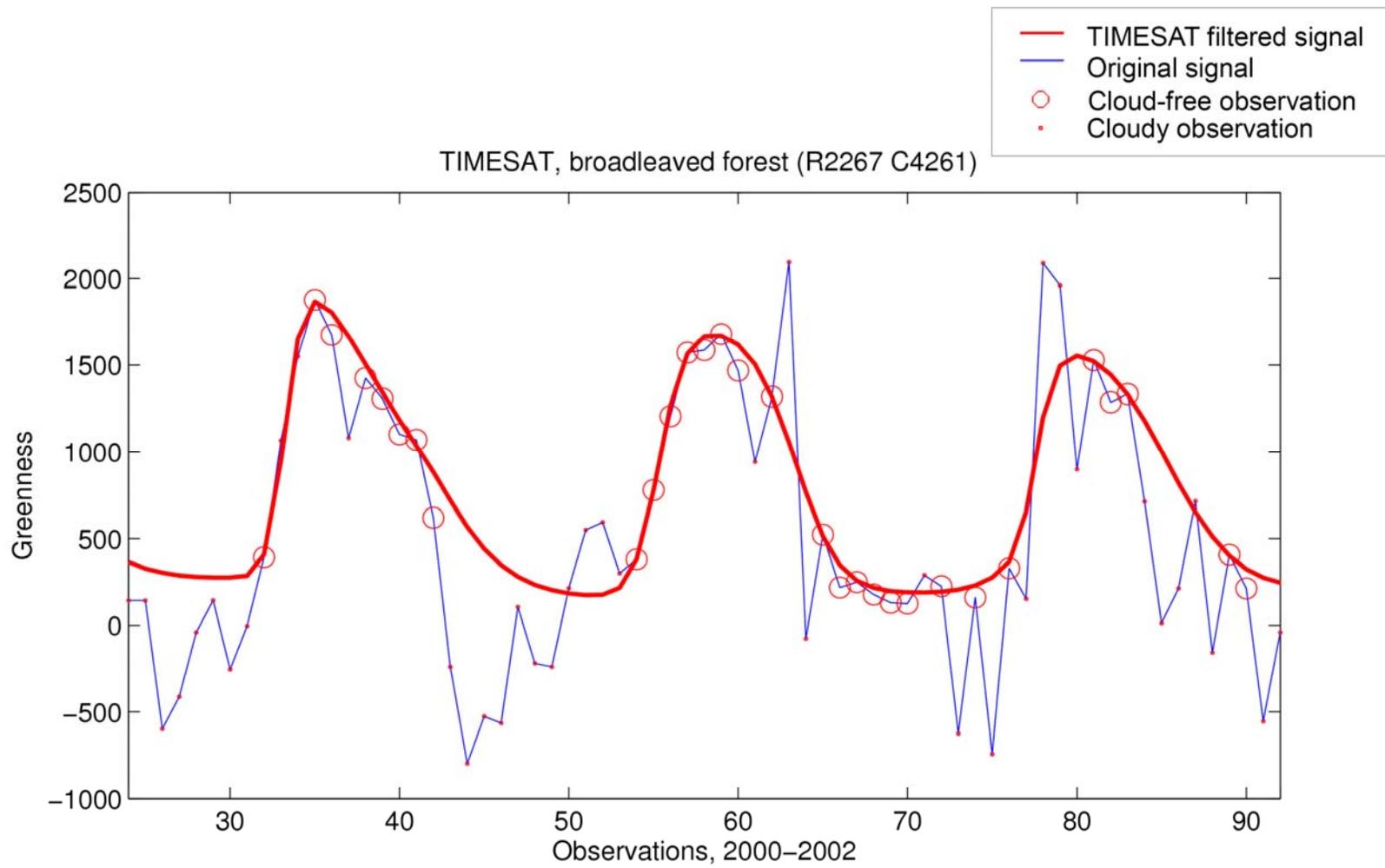
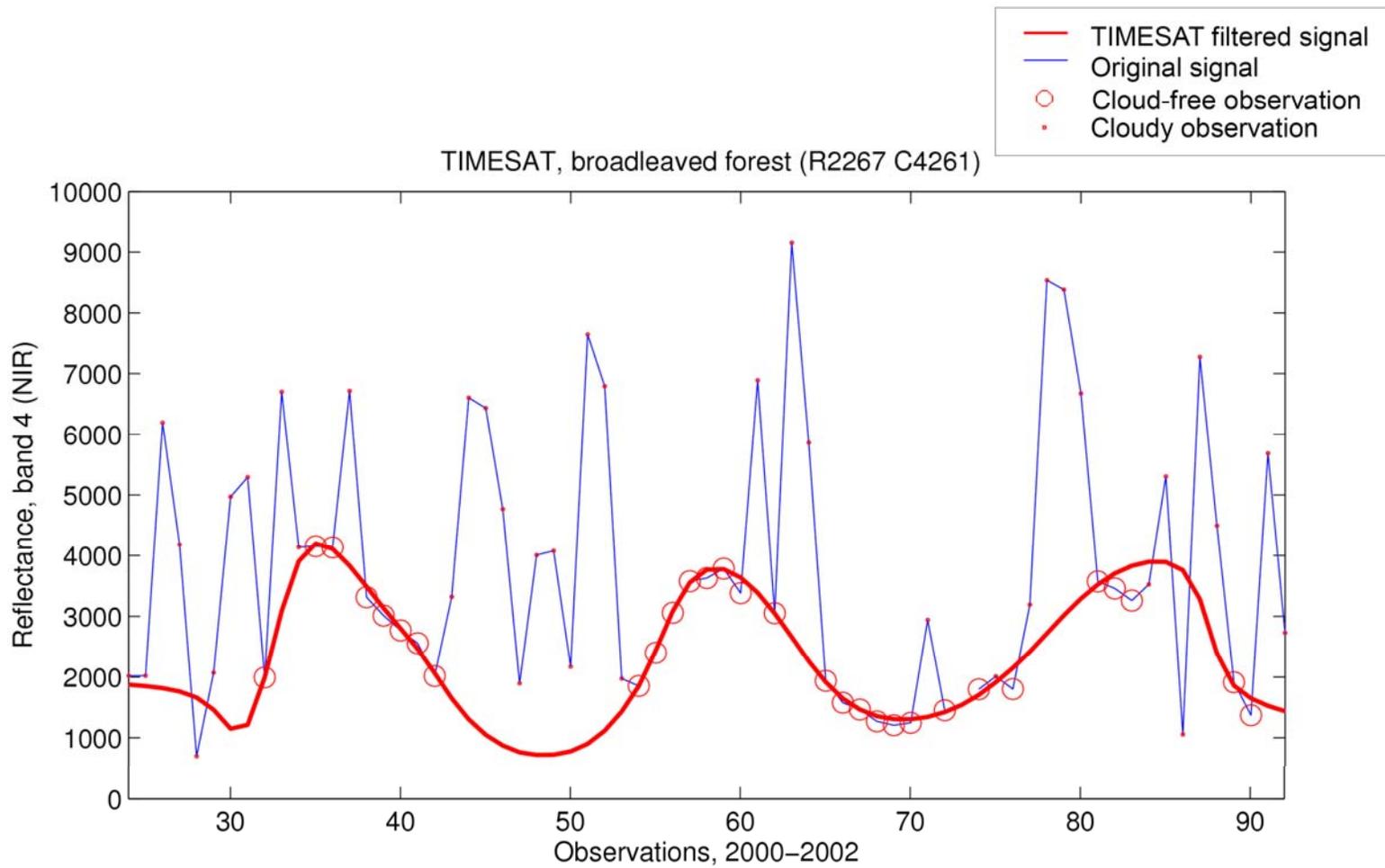


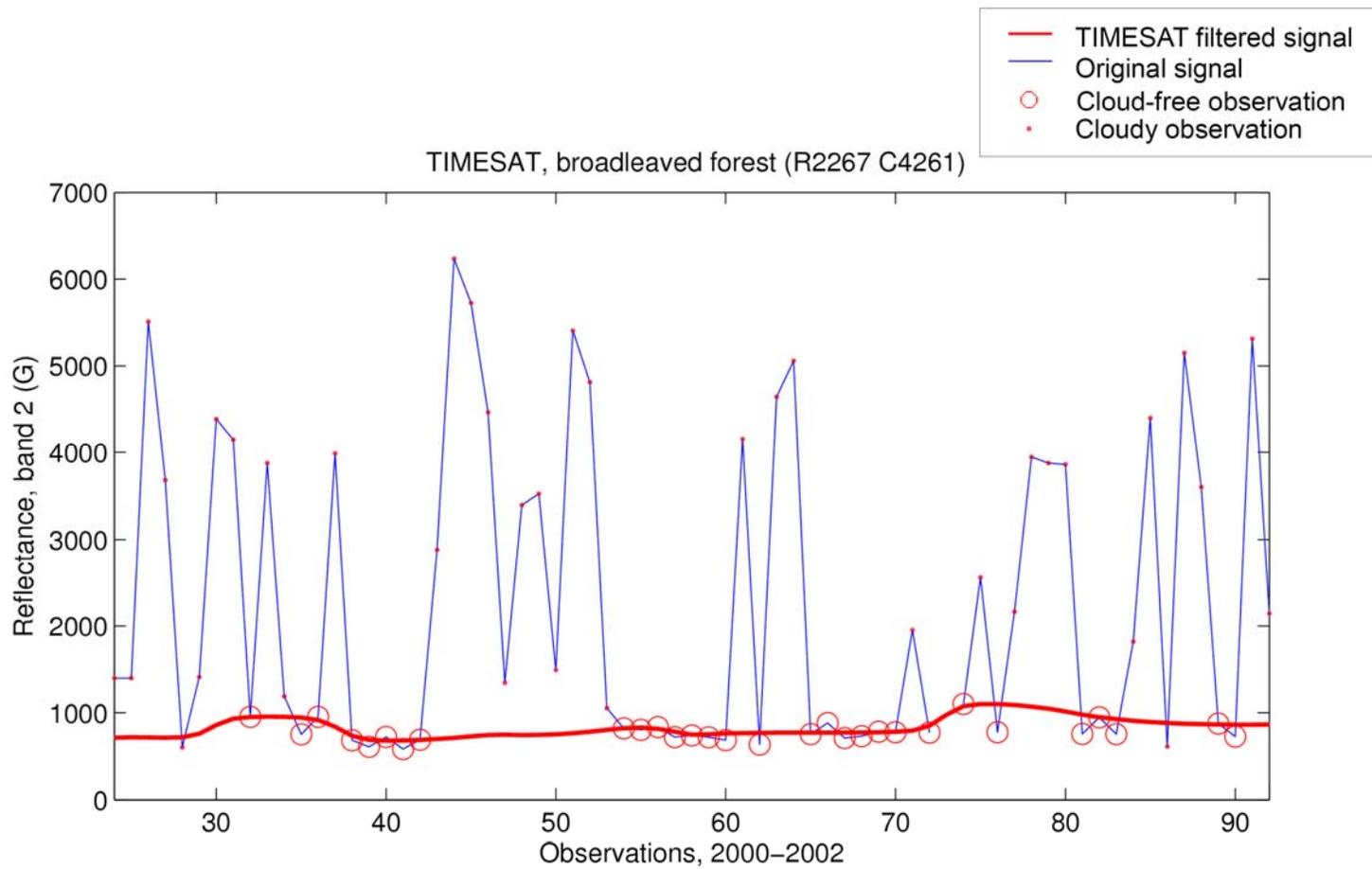
# What should a global land cover product look like?

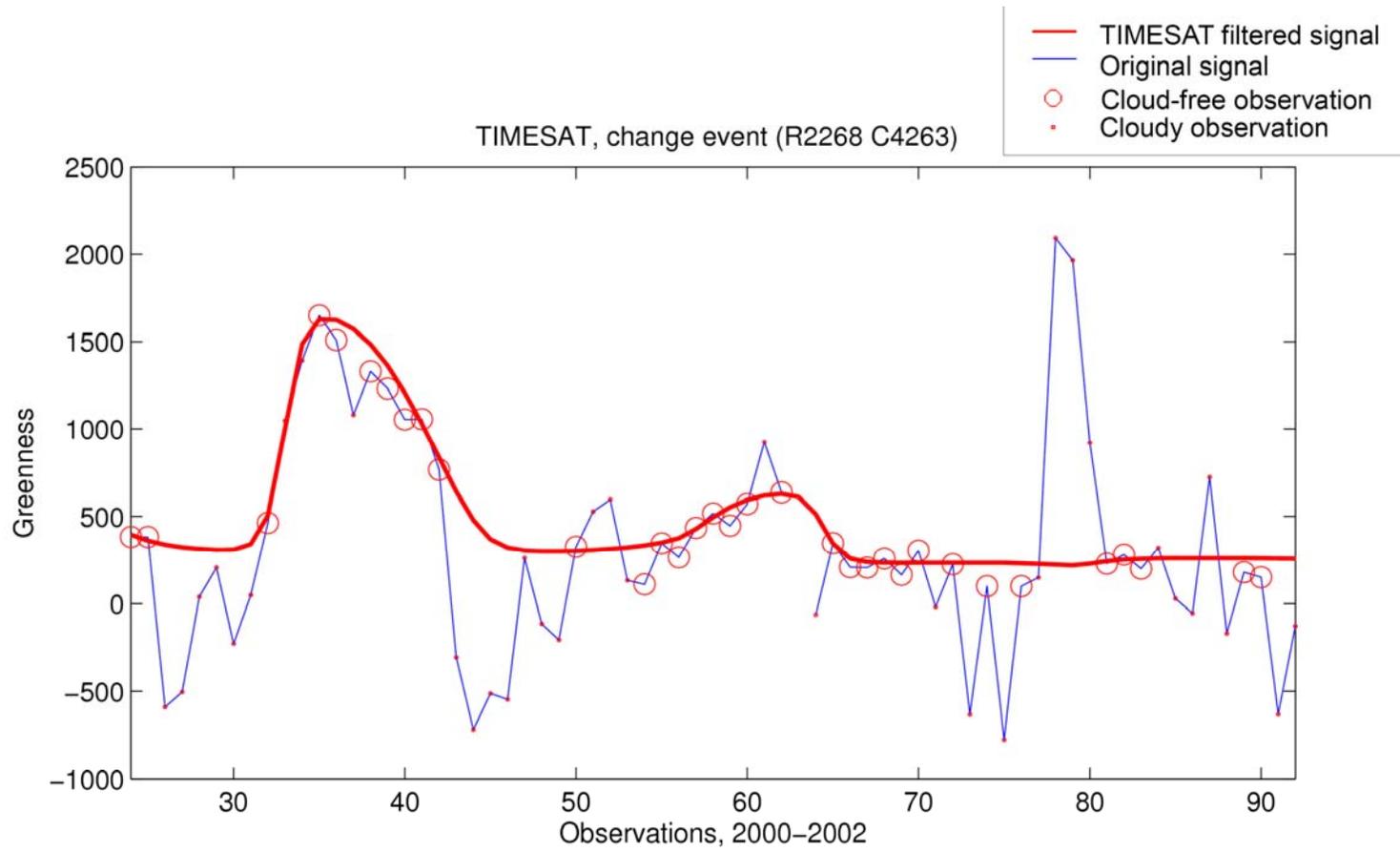
- Accurate representation of land cover at any time (maps)
- The differences between times (maps) are representative of change in land cover

To do this, it is necessary to integrate data from all time periods into the analysis



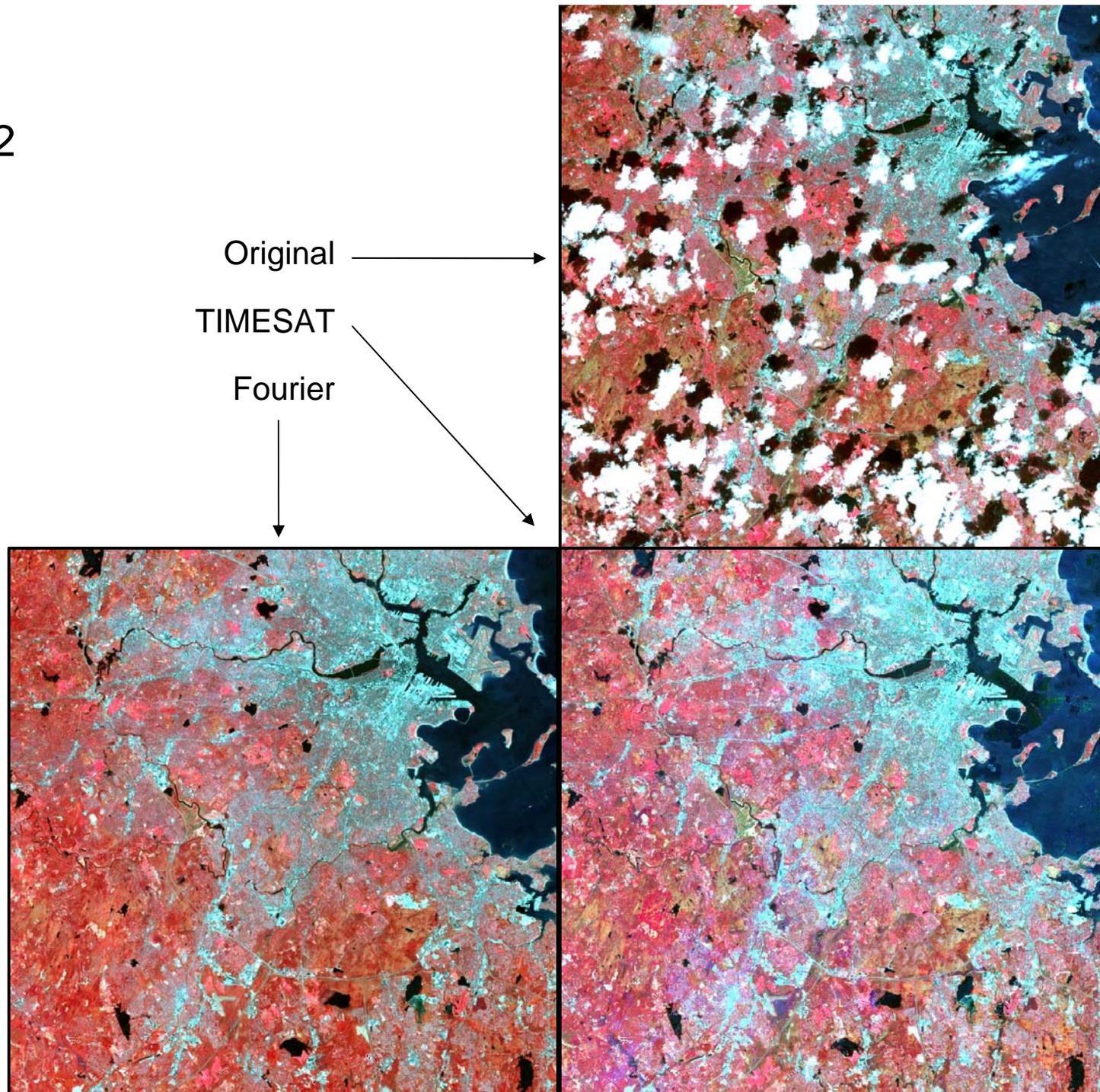




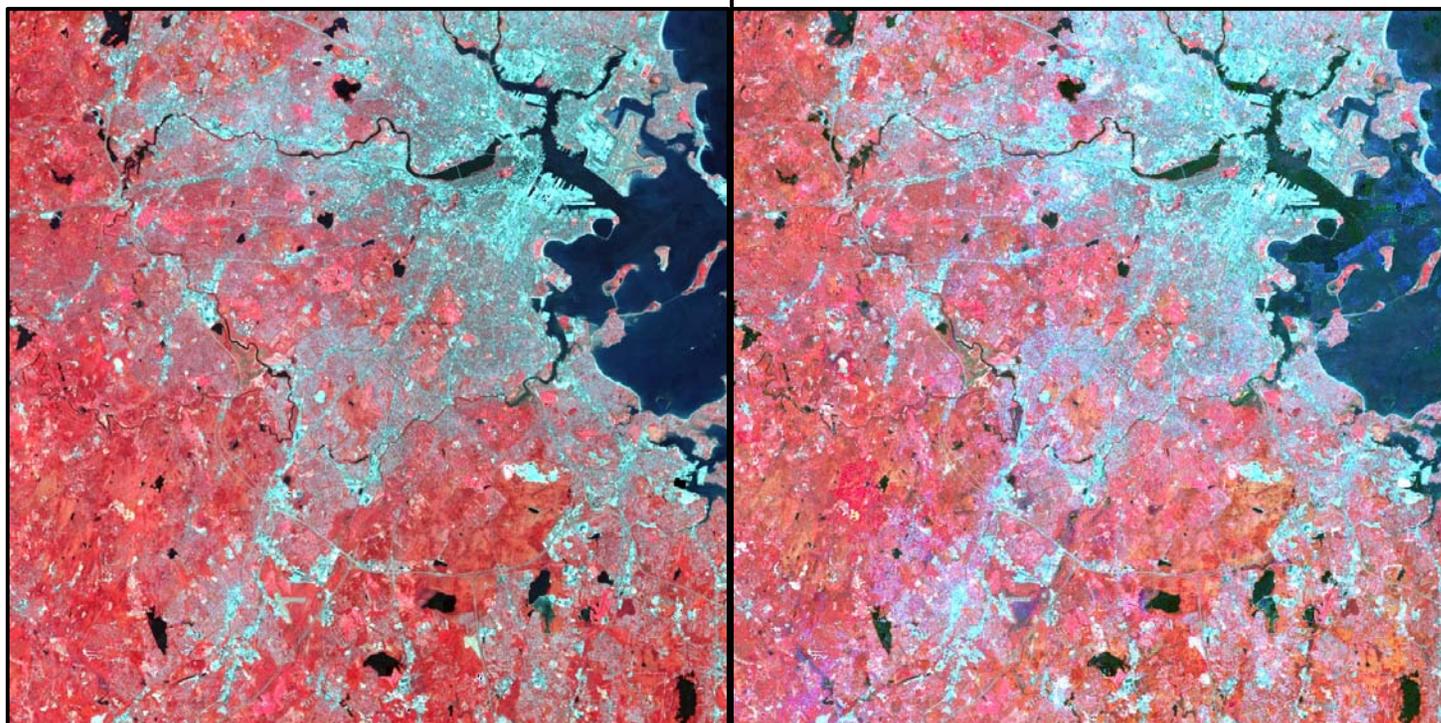
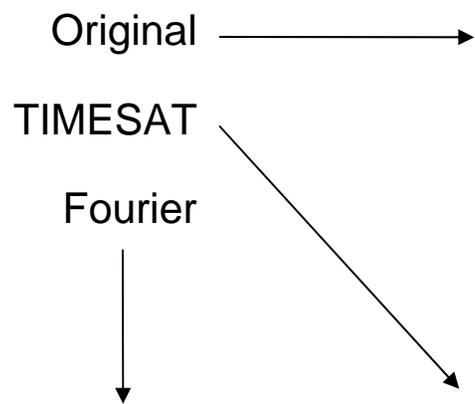


26 Apr, 2002

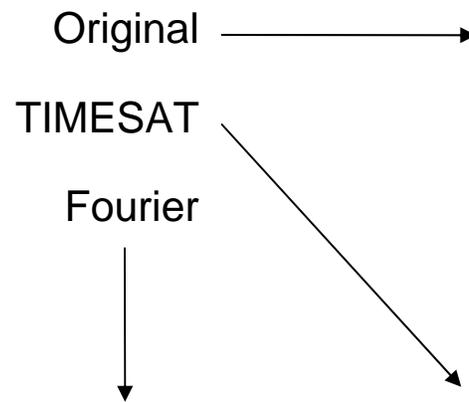
Possible to produce synthetic images based on the Landsat time series on a pixel basis



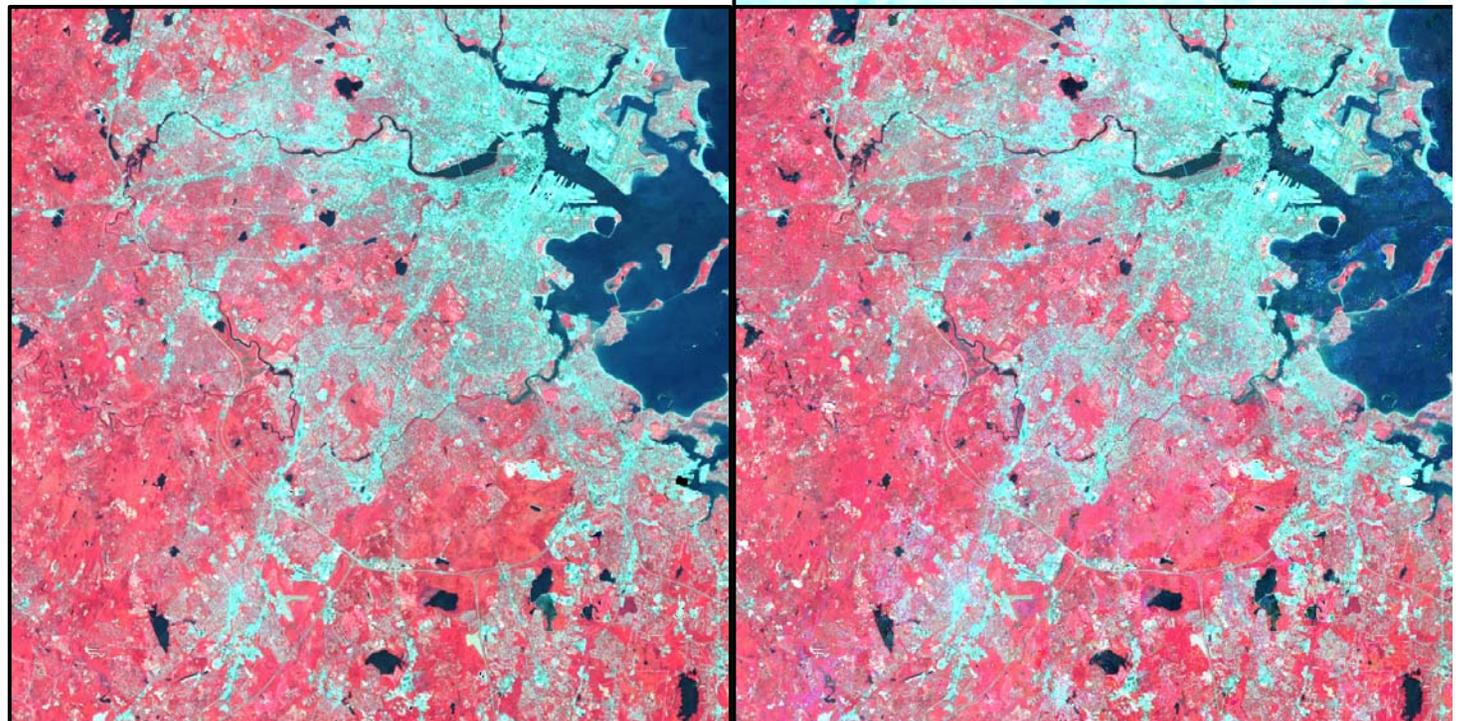
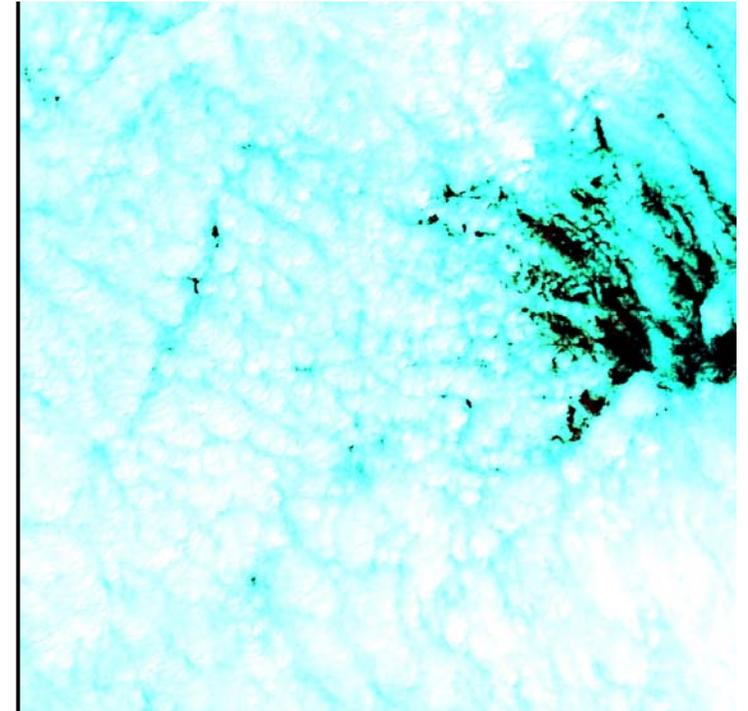
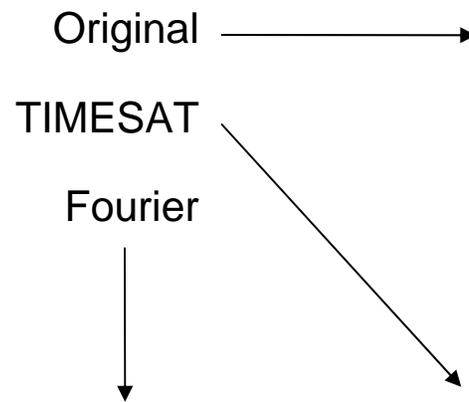
12 May, 2002



28 May, 2002

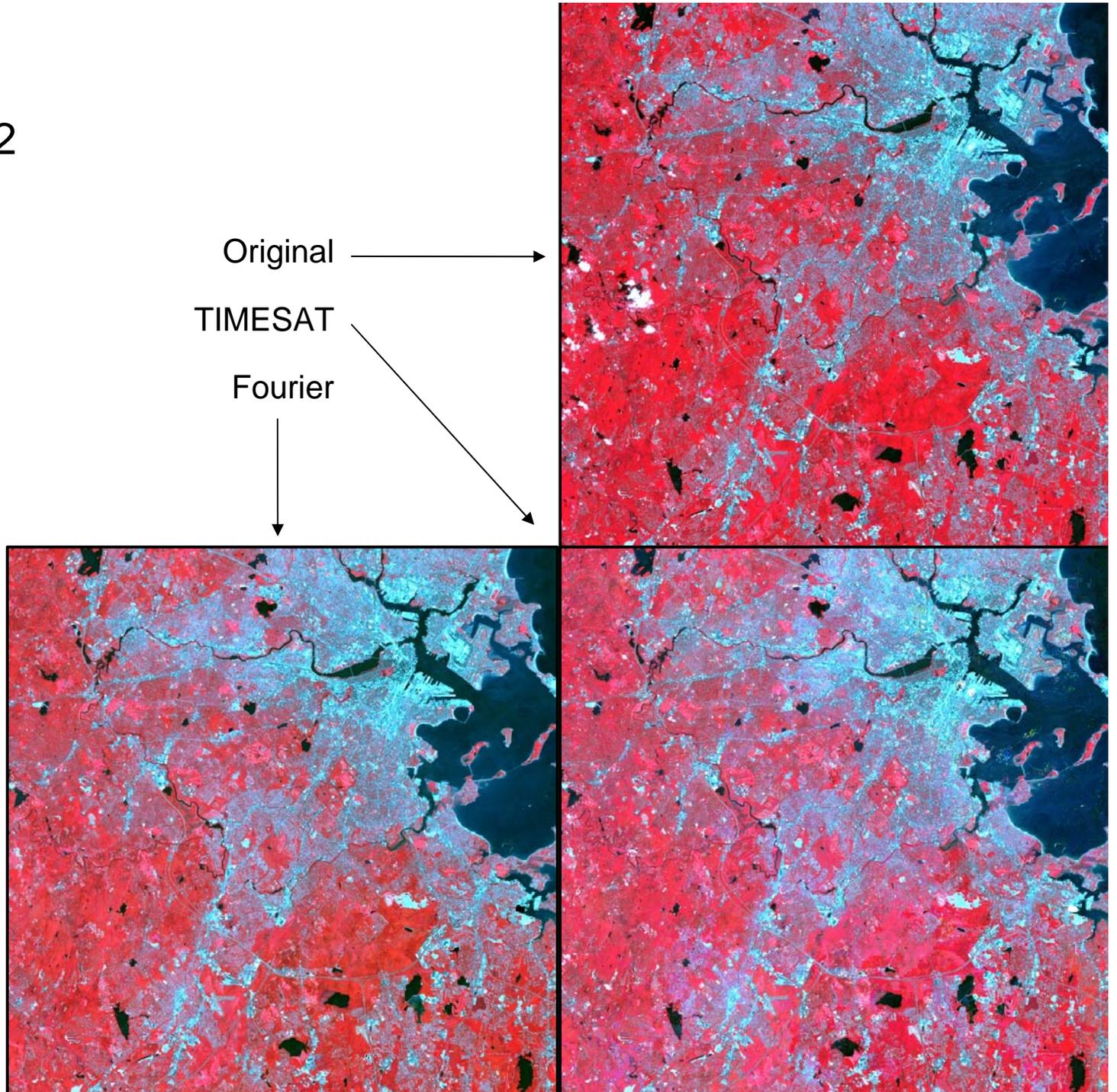


13 Jun, 2002

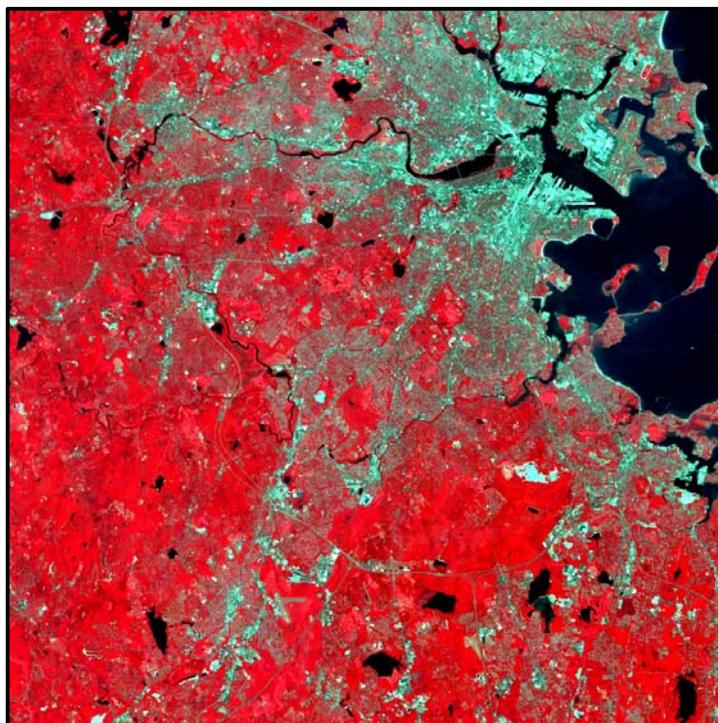
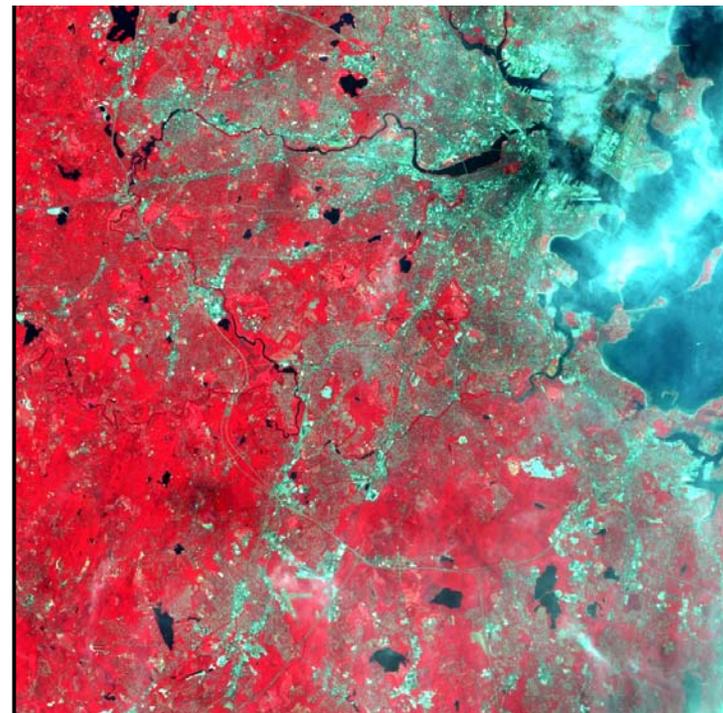
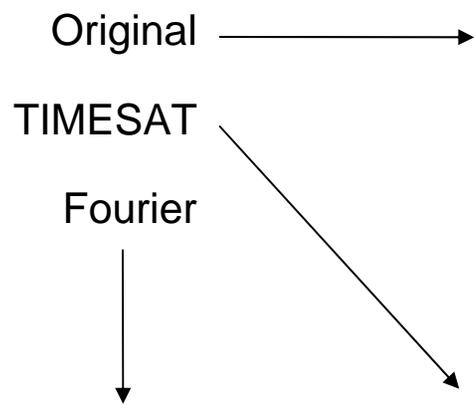


29 Jun, 2002

Original →  
TIMESAT ↘  
Fourier ↓

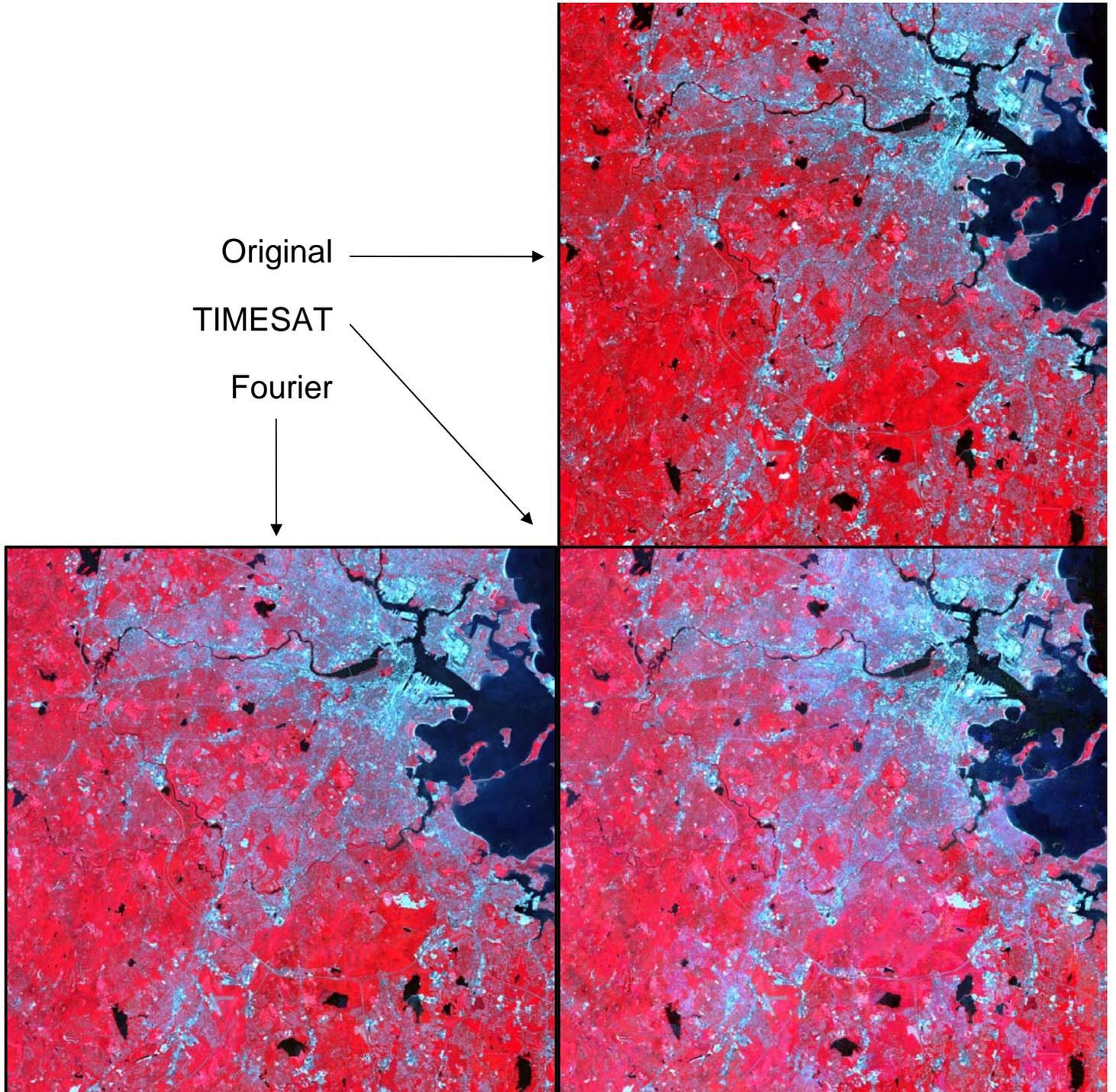


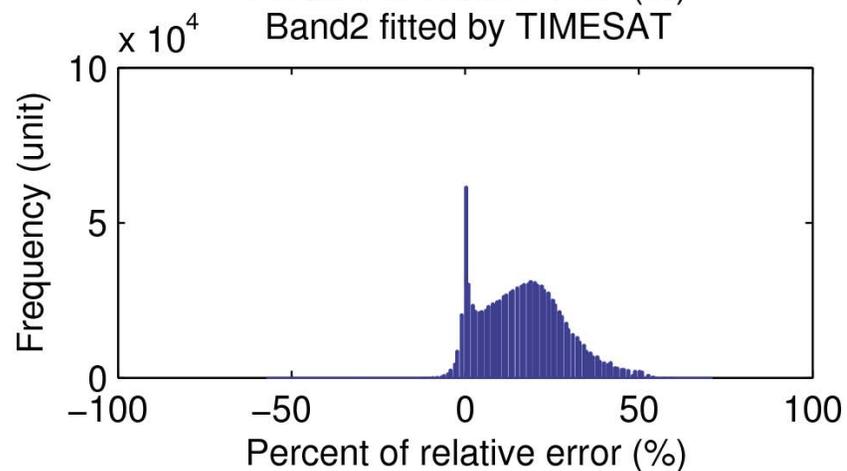
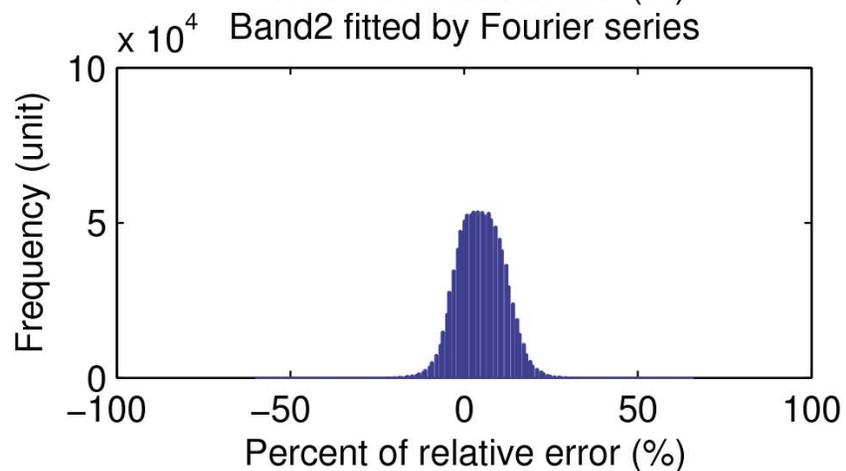
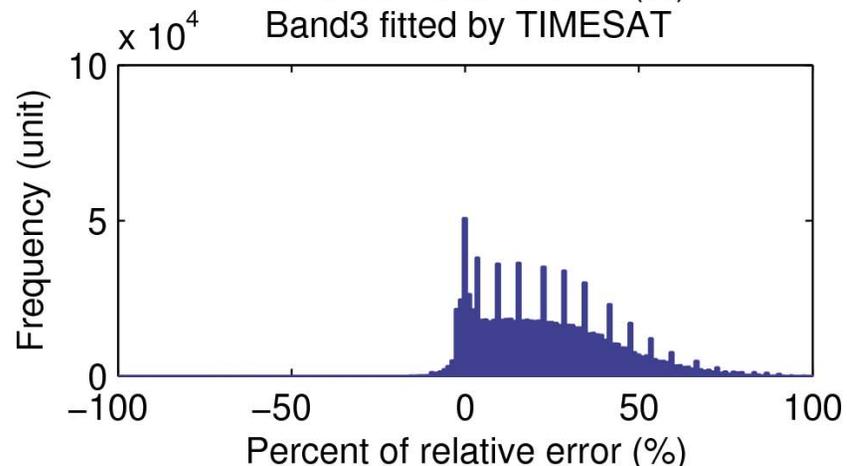
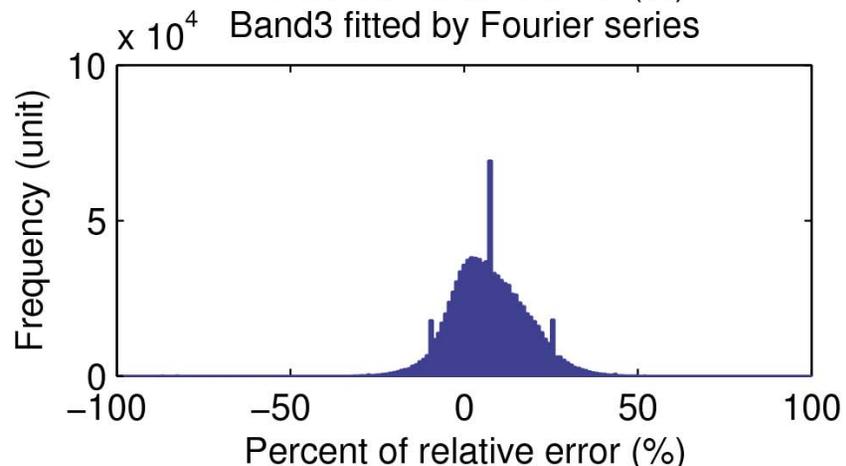
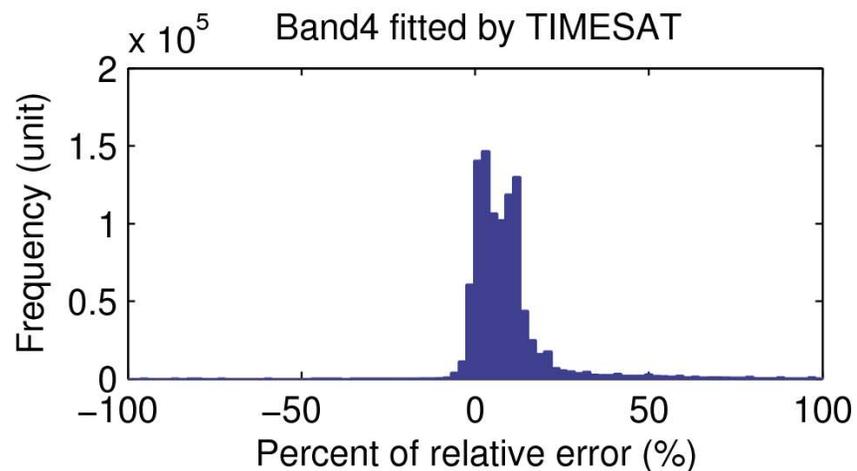
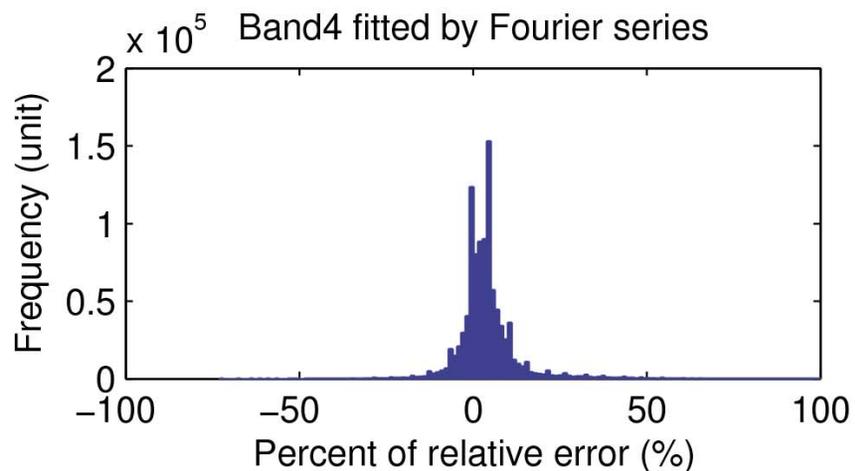
15 Jul, 2002



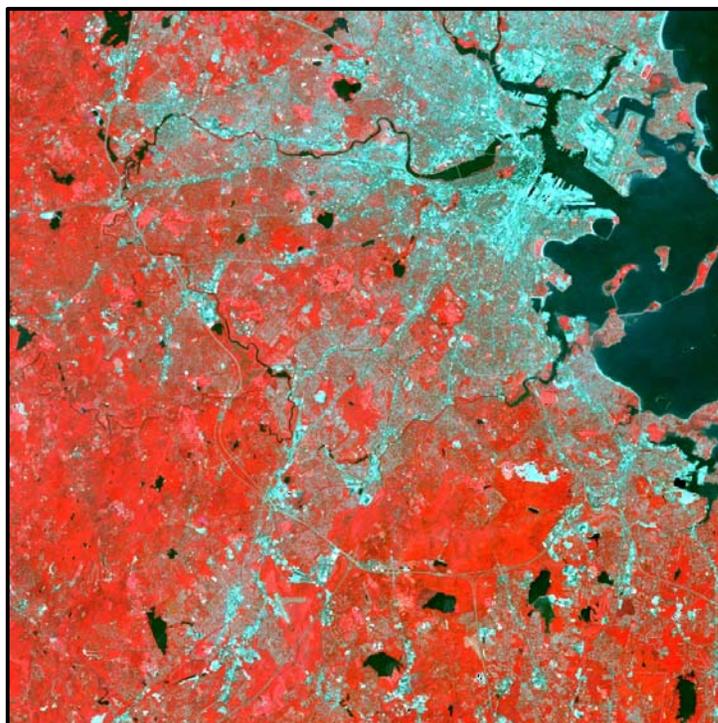
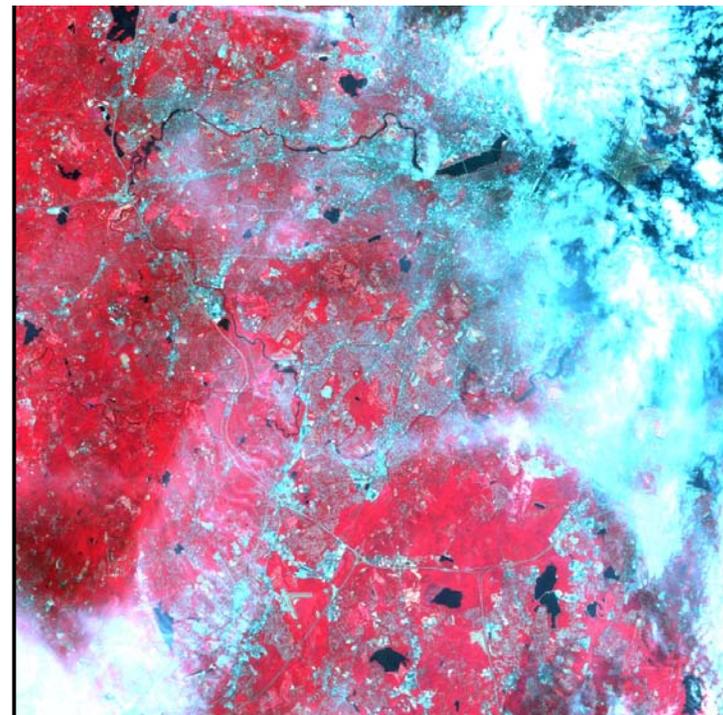
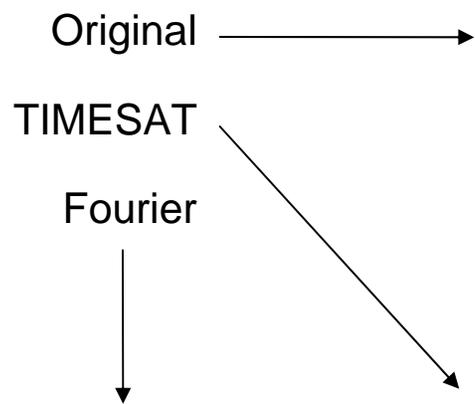
31 Jul, 2002

Original →  
TIMESAT ↘  
Fourier ↓

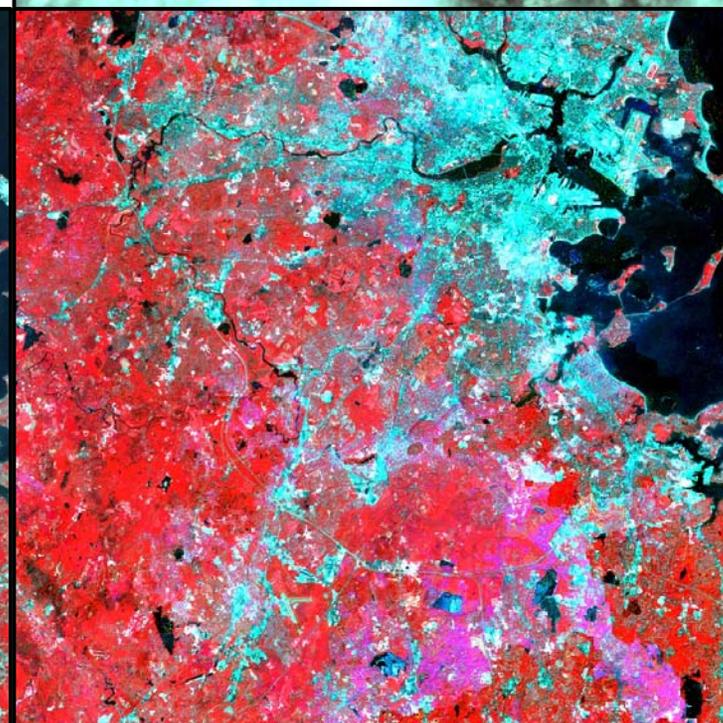
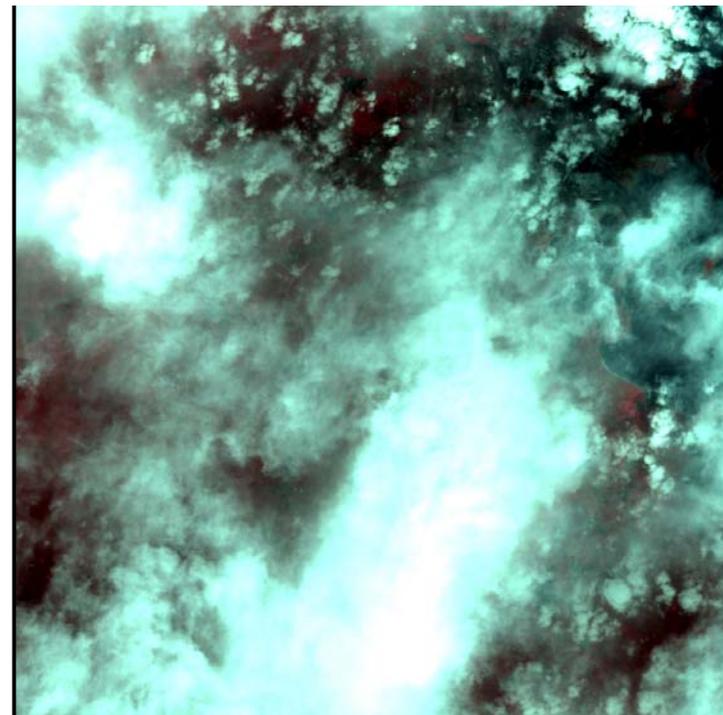
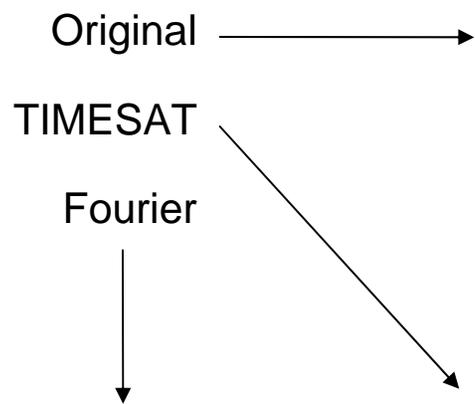




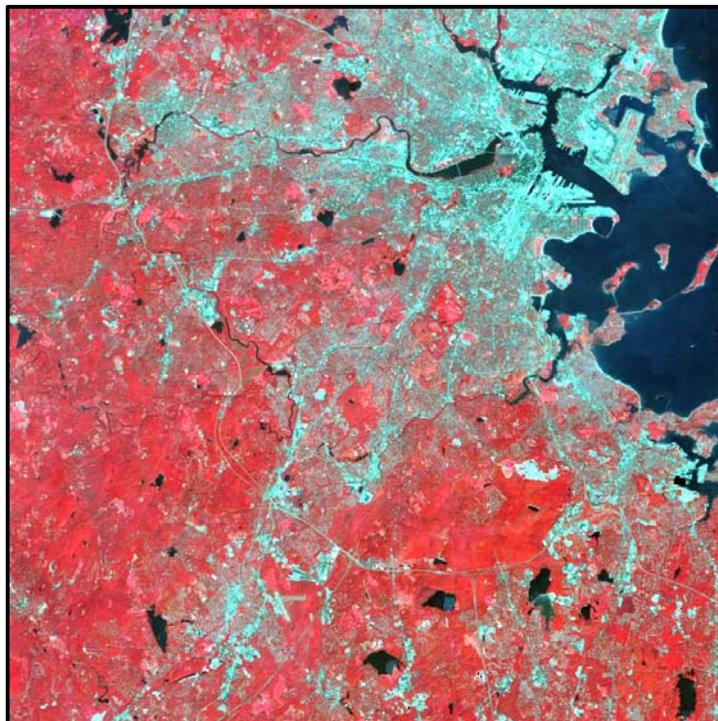
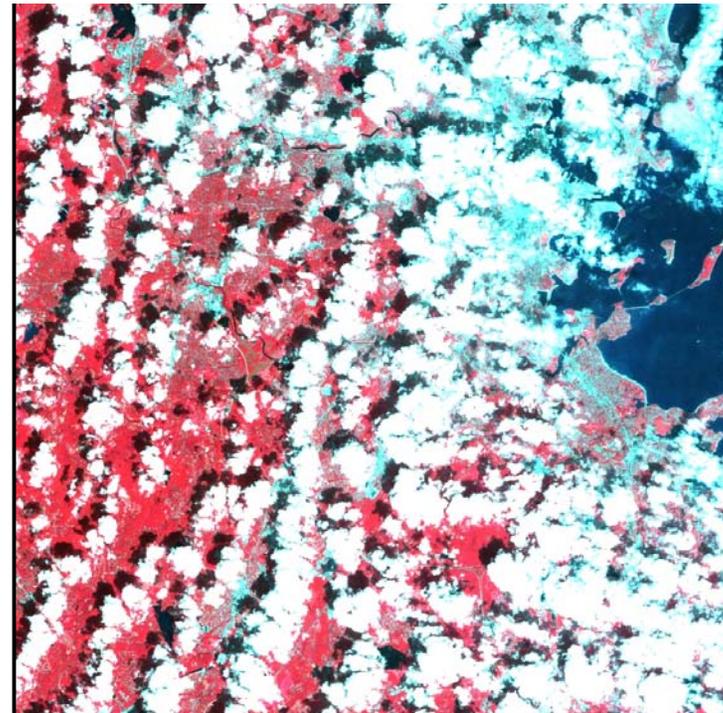
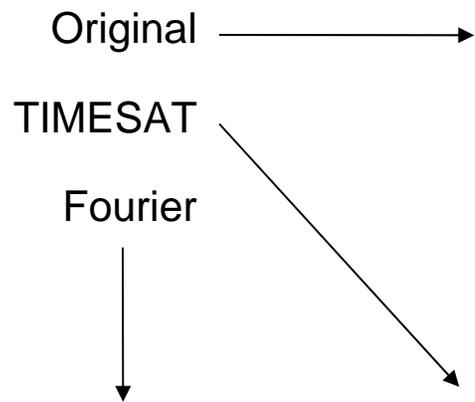
16 Aug, 2002



1 Sep, 2002

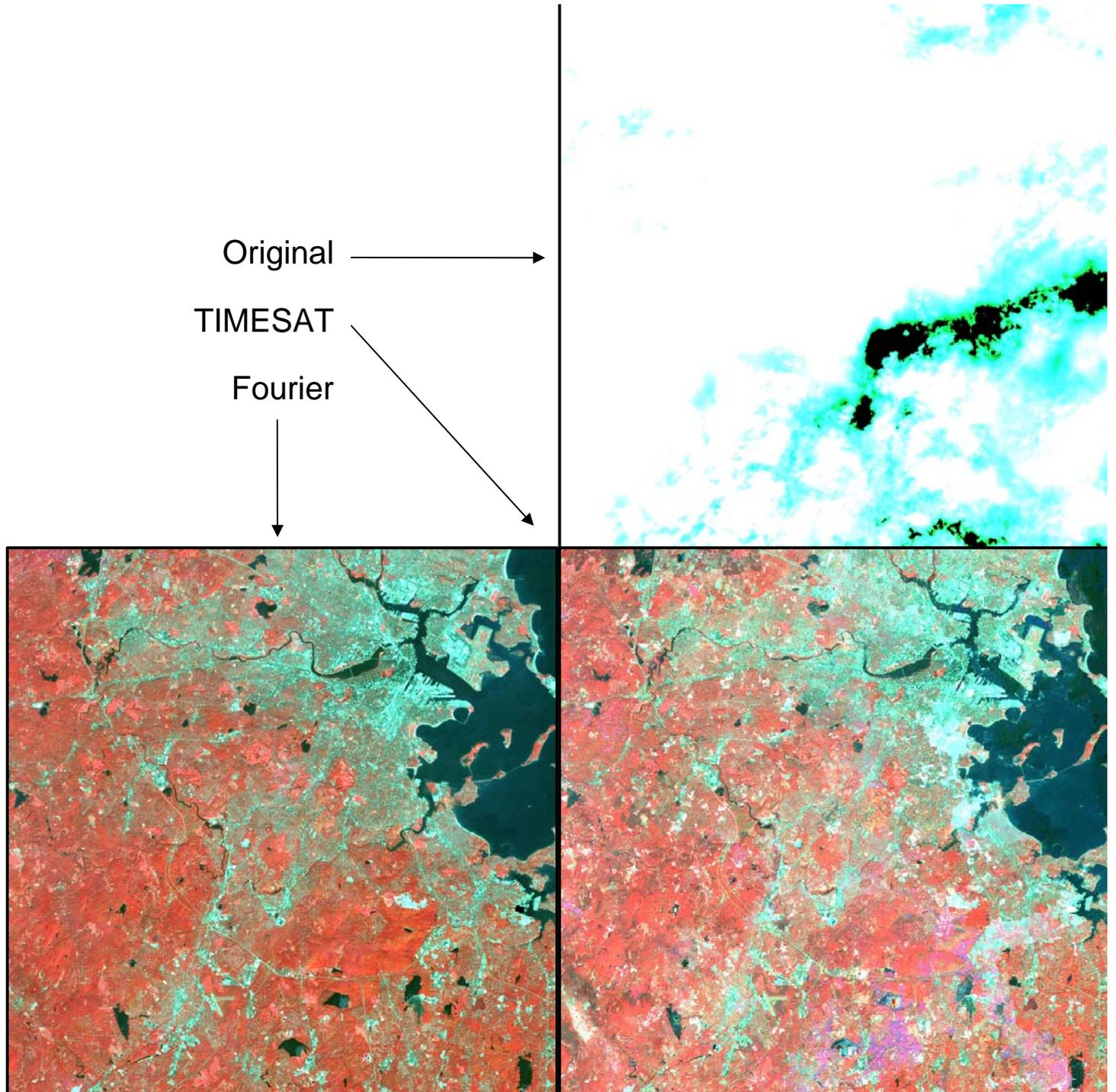


17 Sep, 2002

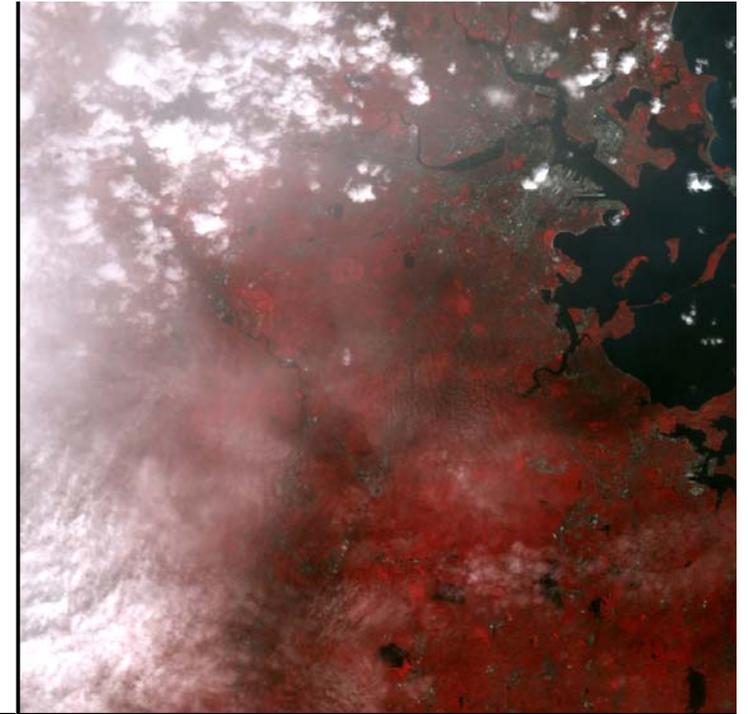
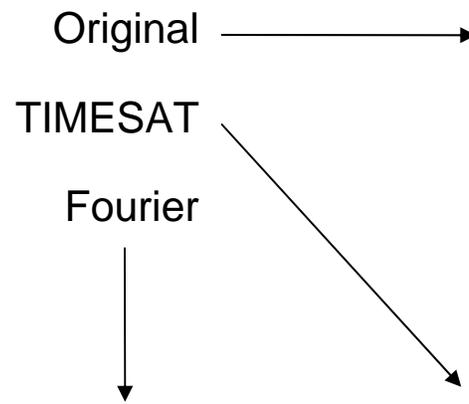


3 Oct, 2002

Original →  
TIMESAT ↘  
Fourier ↓



19 Oct, 2002



# Comments

- In the rush to go global, I would hate to see the time dimension get lost ....
  - Is the registration issue worth bothering with???????
  - Are there compositing issues?
    - What are possible roles for synthetic data
  - How to evaluate directional corrections?
  - How do acquisition strategies feed into the process of making better use of time -- longterm solutions needed

# Discussion Topics

- Incremental vs more comprehensive solutions
  - Scene-based steps
  - Spatially and temporally integrated approaches
- Relative importance of planning for LDCM relative to preparing for use of the archive
- Roles for composited and synthetic data?
- Proliferation of data products ....
- What about outside the US??