

*Scientific Results from
Early Science*

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2011 was a good year for SOFIA!!

- *35 SOFIA flights*
 - *6 Short Science flights (3 FORCAST & 3 GREAT)*
 - *Basic Science 1 provided 9+ FORCAST flights for the science community (mostly US)*
 - *Basic Science 2 another 7 flights with GREAT for both the US and German astronomy community*
 - *And flights for the instrument teams (GREAT consortium plus one FORCAST flight shared with the community)*

Two special SOFIA issues

- *FORCAST decided to write up all the Short Science results in a special ApJ Letter issue.*
 - *8 papers in total including one on SOFIA (Young et al. 2012) and one on FORCAST (Herter et al. 2012)*
 - *Another FORCAST Short Science Paper has since then been accepted in ApJ (Hirsch et al. 2012), Calibration paper, Herter et al ready to be submitted*
 - *No papers yet on Basic Science 1 data !*

Two special SOFIA issues

- *GREAT decided to combine both Short Science 2 and Basic Science 2 in a special A&A issue. This resulted in:*
 - *22 papers of which 4 were technical*
 - *Of the 6 US proposals that flew, 3 were published (one paper published later with some GREAT data)*
 - *Of the 8 successful German proposals 5 were published in the special issue*
 - *A total of 9 Basic Science 2 papers from 7 GREAT flights*

What is happening with Basic Science 1 data?

- *These are the 9+ community flights with FORCAST (not insiders - although some are)*
- *Are the results being written up? How many papers can we expect?*
 - *We sent out a questionnaire to all 20 successful BS1 GIs*
 - *15 replies*
 - *6 will definitely publish*
 - *2 maybe*
 - *5 (source not detected or not enough signal-to-noise)*
 - *2 no, not enough for a paper*

Discussion

- *Why so few papers from the 10 Basic Science flights?*
- *Some explanations (multiple choice)*
 - *No deadline*
 - *No pressure*
 - *More challenging programs that push or exceed the performance of the observatory (SS1 observed bright, easy targets)*
 - *other*