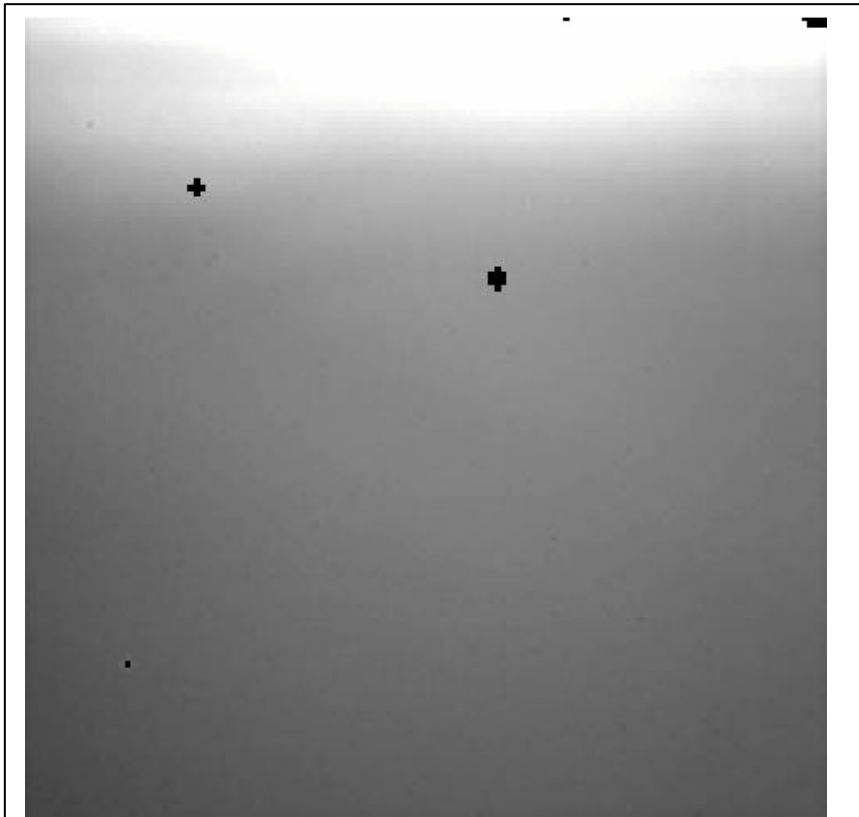


MIPS Campaign C

MIPS Team

October 2, 2003

This campaign proceeded nominally, with collection of stray light data. A sample below shows an averaged image at 24 microns. For the first time, everything is on scale at this wavelength (bad pixels have been masked out). The radiometric model developed after Campaigns D1, D2, and E predicts that we would have seen about 400,000 DN/s on the "sky", dominated of course by telescope emission. The observed rates of 500 to 2500 DN/s indicate that the dark position is effective to about a factor of 200.



Averaged dark image at 24 microns, dark position, Campaign C. Count rates range from about 500 to about 2500 DN/s, with a median of about 1000 DN/s.

The 70 micron array continued to show a reduction in the background as the telescope cools (still in the dark position of the scan mirror, of course). The 160 micron array remained hard saturated.