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C O V E R

An equal area (Aitoff) projection in galactic coordinates of the infrared emission from the entire sky with one-half degree resolution. The bright band running from top to bottom is the plane of the Milky Way galaxy with the center of the galaxy at the center of the picture. The colors represent three of the IRAS wavelengths bands (blue is 12 microns; green is 60 microns; and red is 100 microns). Thus, hotter material appears blue or white while the cooler material appears red. Visible in the picture are molecular clouds and regions of star formations in the constellations Ophiucus (center) and Orion (bottom, left). See page 14. [Jet Propulsion Laboratory, California Institute of Technology, Pasadena 91109]