

Rockaway Seamount



Figure 1. Seasat L-band HH SAR image of the Atlantic Ocean over the Rockaway Seamount taken on October 6, 1978 (Rev 1446) 3:32 GMT. The image (along with figure2) shows an example of internal wave packets in the open ocean generated by flow over a seamount. Image dimensions are 100 km x 100 km centered at 35°13' N, 49°58' W. [Image courtesy of NASA JPL]

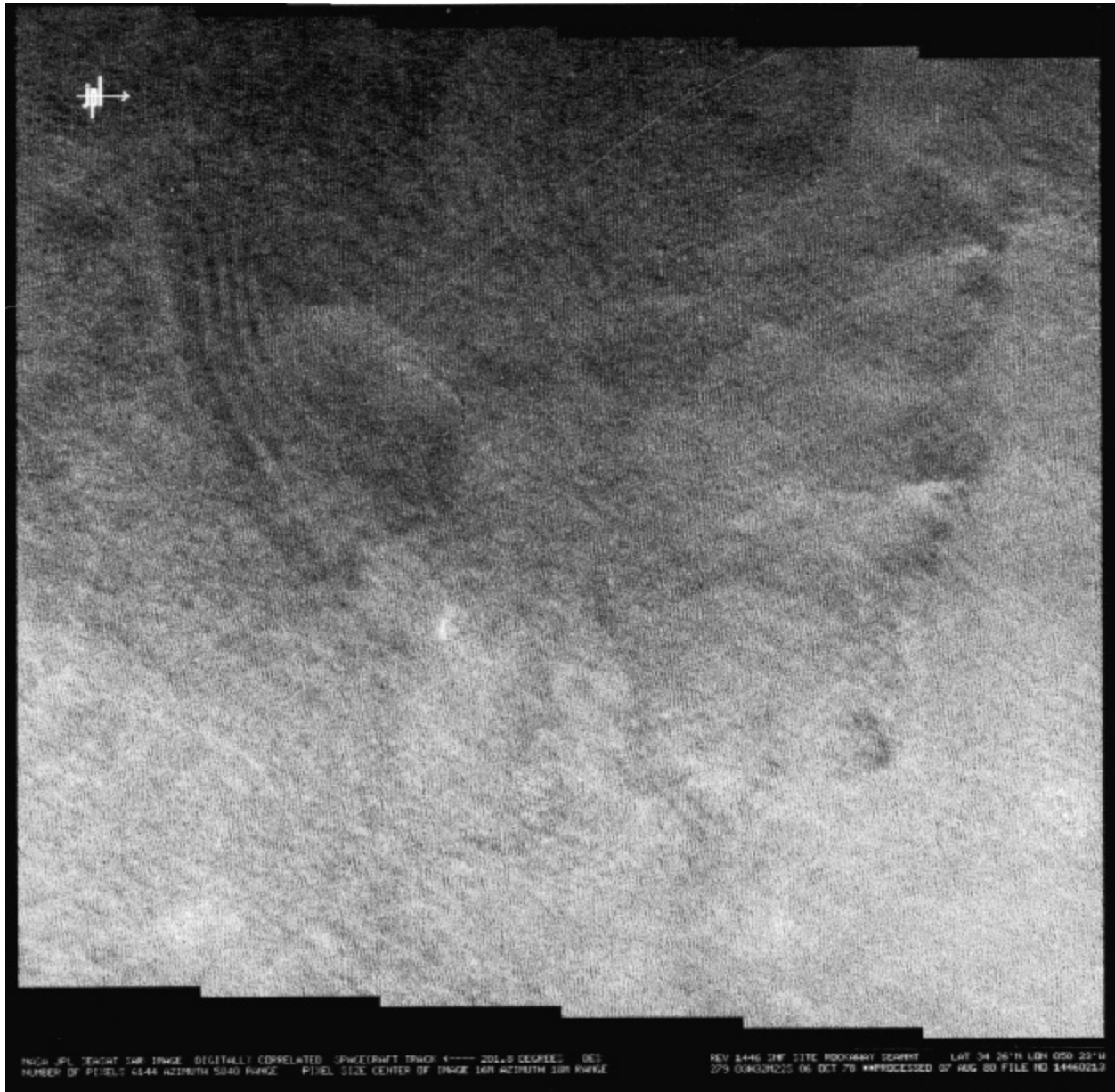


Figure 2. Seasat L-band HH SAR image of the Atlantic Ocean over the Rockaway Seamount taken on October 6, 1978 (Rev 1446) 3:32 GMT. The image shows an example of an internal wave in the open ocean generated by flow over a seamount. Image is contiguous with Figure 1. Image dimensions are 100 km x 100 km centered at 34⁰26' N, 50⁰23' W. [Image courtesy of NASA JPL]

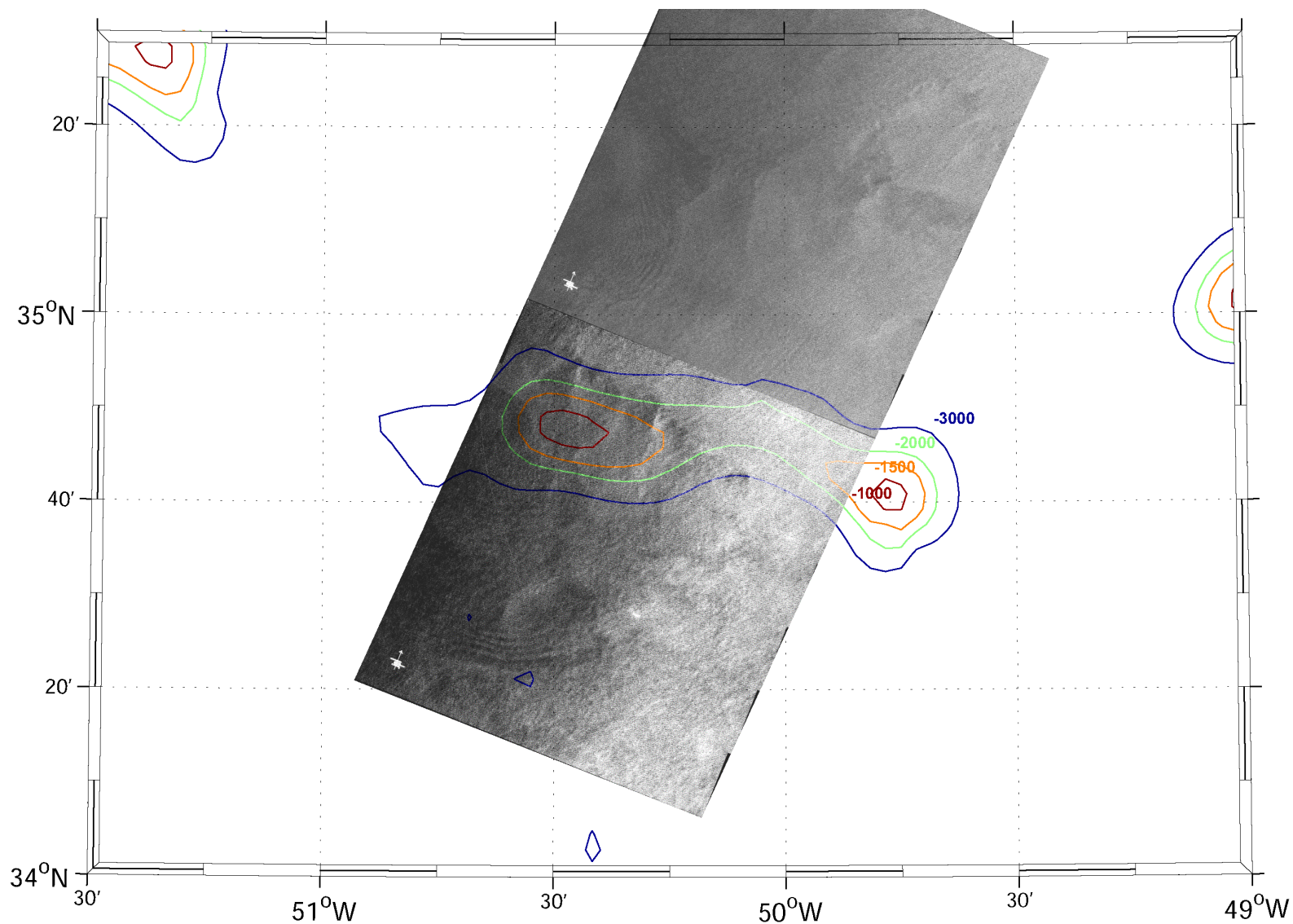


Figure 3. Seasat images from October 6, 1978 (Rev 1446) shown with the local bathymetry. The images show internal wave packets that are generated by the Rockaway seamounts. The signatures suggest the seamounts at $35^{\circ}27'$ N., $51^{\circ}23'$ W and $34^{\circ}48'$ N., $50^{\circ}30'$ W are the sources of the waves. (Bathymetry derived from Smith and Sandwell version 8.2)

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