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## Highlights from the IceCube Neutrino Observatory

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The IceCube Neutrino Observatory has discovered and measured a diffuse astrophysical neutrino flux spanning energies from several TeV to several PeV. The origins of the neutrinos are still unknown despite intense investigation using a variety of multi-messenger approaches. Spectral, temporal, and spatial studies of the astrophysical neutrinos have disfavored individual source classes including gamma-ray bursts, star-forming galaxies, and Fermi-LAT-detected blazars as producing the majority of the flux. While most of the astrophysical neutrino signal is extragalactic, there may be a Galactic component. I will summarize our astrophysical flux measurements as well as the search for the origins of the signal.

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