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Follow-up VERITAS and NuSTAR observations of Galactic HAWC gamma-ray sources

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The 2HWC gamma-ray catalog was recently released using 17 months of data from the HAWC observatory, a TeV surveying instrument located in Mexico. A total of 39 sources were detected, of which ~40% are not near known TeV sources and over half do not have clear association with known astrophysical sources. Many are extended and encompass multiple known X-ray and gamma-ray sources. In an effort to identify counterparts that could explain the complex morphology seen by HAWC and understand the emission mechanisms, follow-up observations by VERITAS in TeV have confirmed some detections. We obtained additional follow-up time for two Galactic HAWC sources in hard X-rays by NuSTAR. These are the initial observations of the HAWC-VERITAS-NuSTAR Galactic Survey Legacy program.

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