

# VTSCat: The VERITAS Catalog of Gamma-Ray Observations

*Friday 16 July 2021 19:18 (12 minutes)*

We present a catalog of results published from 2008 to 2020 through gamma ray observations made by **VERITAS**. VERITAS is a ground based imaging atmospheric Cherenkov telescope observatory located at the Fred Lawrence Whipple Observatory (FLWO) in southern Arizona, sensitive to gamma-ray photons with energies in the range of  $\sim 100$  GeV - 30 TeV. Its observation targets include galactic sources such as binary systems, pulsar wind nebulae, and supernova remnants, and extragalactic sources like active galactic nuclei, star forming galaxies, and gamma-ray bursts and some unidentified sources. The catalog includes all of the results published in 112 papers using VERITAS data and currently contains data on 57 sources. The catalog has been made accessible via GitHub and at NASA's HEASARC.

## Keywords

observational catalog; gamma ray data; HEASARC

## Collaboration

VERITAS

## other Collaboration

## Subcategory

Experimental Results

**Primary authors:** PATEL, Sameer (University of Iowa); MAIER, Gernot (DESY); FOR THE VERITAS COLLABORATION

**Presenter:** PATEL, Sameer (University of Iowa)

**Session Classification:** Discussion

**Track Classification:** Scientific Field: GAI | Gamma Ray Indirect