

Title: VORTEX-SE 2018 UAH RaDAPS Sodar Dataset

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1.0 Dataset Overview

As a part of the Rapidly Deployable Atmospheric Profiling System (RaDAPS) dataset, an acoustic Sodar was paired with the system.

IOP 1

Time: 2018/03/19 1520Z to 2018/03/20 0030Z

Location: 34.5464 -85.9311

IOP 2A - No data

IOP 2B - No Data

IOP 3

Time: 2018/04/03 2250Z to 2018/04/04 0400Z

Location: 34.6550 -87.3479

IOP 4 - No Data

UFO 1 - No Data

IOP 5

Time: 2018/04/14 1635Z to 2018/04/14 2355Z

Location: 34.7243 -86.6465 (UAH)

2.0 Instrument Description

UAH utilizes the Remtech PA-0 Acoustic Sodar. Whenever operational, clutter panels are installed around the sodar to reduce ground clutter and other interference. The sodar was typically placed a few meters from the vehicle in order to reduce noise interference from the vehicle.

3.0 Data Collection and Processing

Data is collected every 5 minutes. No data processing has been completed.

4.0 Data Format

Please see the accompanying file, [Sodar_Data_Format.pdf](#), for an explanation of the data format.