

Text only version of How It Works – Flowchart for data acquisition, archiving, collocation, analysis and visualization of winds.

1. Data Acquisition – no user interface

Observation data is acquired, reformatted, and archived.

2. Collocation of Winds – user interfaces with tool

Collocation tool: Archived data ingested

Flows to:

Quality Controls (QC): Applied to input data

Flows to:

Collocation: QC'd data matched based on user-specified collocation criteria

Flows to:

Output: Index files containing array locations of matched data

3. Analysis and Visualization – user interfaces with tool

Plotting Tool: Index files ingested, matched data extracted

Flows to:

Comparisons and Plotting: Matched data statistically and visually compared

Flows to:

Output: Figures quantifying the comparisons