

# PLOWS Communications

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# PLOWS Communications Overview

**UA, Huntsville Integrated profiling System (MIPS), M3V**

Profile, soundings, sfc obs

*Internet  
cell, chat*

**PLOWS Operations Center  
UI, Champaign IL**

Ops. Coordination  
Facility Status  
Forecast/Nowcast  
PLOWS Field Catalog  
Facility Coordination  
ATC/Military Coord.

Science Team  
In-field Analysis  
Data Ingest  
Data Collection  
Mission Planning

GoTo Meeting Web conferencing

**UMSS Sounding System**

Upsondes  
Electrification

*Internet  
Chat, cell*

**Mobile Alabama X-band Doppler Radar (MAX)**

*Cell  
Internet, Chat*

**NCAR MISS**

Upsondes  
Profiler  
Surface obs

*Internet  
Chat  
Chat, phone  
Internet, Satcom*

**NCEP**

Special model products  
Ensemble products

**U. Of Illinois**

Special WRF  
mesoscale products  
and data

**NCAR C-130 Aircraft Support Base**

Peoria, IL Natl. Guard Base  
NCAR C-130 Aircraft, Dropsondes,  
U. Wyoming WCR, WCL,  
Clarkson, UI, NCAR microphysics  
Data analysis  
Pre-/post flight briefings  
ATC Coordination