	preliminaries*
* move ii	to your WINDSTORM directory
	AB/WINDSTORM/SETUP_MET.tar and unpack it
	not have the wrfout file
al	so copy \$LAB/WINDSTORM/wrfout_d01_2021-12-30_12:00:00
_	required subdirectories within WINDSTORM
* mkdir y	1
	out* wrfprd/
* mkdir إ	ostprd
	MET.tar provides these files: run_unipost_frames MET6_ALL.sh
	OS.sh MET6_COAGMET.sh MET6_MESOWEST.sh MET6_RAWS.sh
	XNET.sh network_plots.sh do_station_analysis.sh run_stations_F10M.s
	ons_F10M.pl run_stations_T2M.sh run_stations_T2M.pl
	_average_F10M.sh sum_and_average_T2M.sh sum_and_average.pl
plot_ME	_analyses.ipynb plot_met.sh
Ψ.	unipost [*]
	ript run_unipost_frames is already configured for this case rsion is designed for wrfout files containing multiple times
	ant lines to be edited for future cases:
	artdate=2021123012
export fh	
export la	
	crementhr=01
for doma	
** 1 .	
• Update dopythor	python environment and execute unipost program
	_unipost_frames
• if unipo	st fails immediately, did you create the postprd subdirectory?
, .	"End of Output Job"
	MET ALL*
• Run MI	T on ALL available observations
	ipt MET6_ALL.sh is already configured for this case
_	ant lines to be edited for future cases:
_	e=20211230
Date_hou	
domain=	1 e=\$MYLAB/DATA/MADIS/DEC2021_BOULDER_V2/

47	• Run MET			
48	sh MET6_ALL.sh	creates "point_stat*" files in postprd/		
49				
50	create network average analysis file ("output.txt")			
51	sh network_plots.sh	extracts info from postprd/point_stat* files		
52		and creates output.txt		
53				
54	• create station analysis files ("STATIONS_F10.txt", "STATIONS_T2M.txt")			
55	sh do_station_analysis.sh	computes station statistics and creates		
56		STATIONS_*.txt files		
57				
58				
59	• Start Jupyterlab on ARCC – batch or snow, minimal resources suffice			
60	• launch or reinitialize plot_MET_analyses.ipynb			
61	→ check or change analysis name in Cell #2. This analysis is "ALL" stations			
62	→ see slides 7-10			
63	* MET CUDCETO	S*		
64 65	" MEI SUBSEIS)···		
66	• Follow the same proceed	ure to look at subsets of observations		
67	• Follow the same procedure to look at subsets of observations [Run a MET6 script, then network_plots.sh, do_station_analysis.sh, re-initialize and			
68	run plot_MET_analyses. These scripts are pre-configured to access the appropriate			
69	observations. The sh scripts overwrite previous analysis files, so if you need to save			
70	them, move/copy/rename them first.]			
71	them, move/copy/rename			
72	MET6 ASOS.sh	ASOS stations (mainly airports)		
73	MET6_RAWS.sh	RAWS stations (many in hills, mountains, forests)		
74	MET6_MESOWEST.sh	MESOWEST stations (utilities, govt. agencies, etc.)		
75	MET6_WXNET.sh	APRSWXNET stations (obs mainly from the public)		
76	MET6_COAGMET.sh	Colorado Ag Meteorology stations		
77		6 · · · · · · · · · · · · · · · · · · ·		
78	See assignment document "ATM419_MET_assignment.pdf"			
	0 1			