

Cell #	Error	Correction	Process
4	ValueError: 'D' is a bad directive in format '%m/%D/%Y %H:%M:%S'	<code>df['DateTime'] = pd.to_datetime(df['DateTime'], format='%d/%m/%y %H:%M')</code>	
5	Index not properly set for time (silent error)	<code>df.set_index(df['DateTime'], drop=True, inplace=True)</code>	
6	Folder not existent	Either create NewFolder or remove from file path	
10	Coordinate has improper name	<code>ds = ds.assign(dircalc = (['DateTime', mp.wind_direction(ds.Speed_U * units.meters /units.seconds, ds.Speed_V * units.meters /units.seconds).values))</code>	
10	Metpy not installed	Need to create new cell to install and import metpy and pull out proper libraries	
11	UnfuncTypeError	Fix equation, especially replace ^ with **	
12	UFuncTypeError: Cannot cast ufunc 'add' input 1 from dtype('<m8[M]') to dtype('<m8[ns]') with casting rule 'same_kind'	Fix np.timedelta64 to include 'm' instead of "M"	
13	Key Error	Replace time with DateTime	
13	Improper indexing	Replace drop_sel with drop_isel	
14	Logic Error (silent)	Replace or condition with and condition	
15	Logic Error (silent)	Direction and speed parameters flipped	
15	No projection wind rose	Install and import windrose packages	
16	Value Error: x and y must be same size	ds_30_restricted must be referenced for both entries of scatter plot	