

Scott Steiger, Ph.D.
Associate Professor of Meteorology, SUNY Oswego
366 Shineman Hall
Oswego, NY 13126
[\(315\) 312-2802](tel:3153122802) (phone)
scott.steiger@oswego.edu

This data set contains six radiosonde launches taken with a Vaisala RS92 system from the SUNY Oswego mobile sounding system on days when the MPEX dropsonde or upsonde teams were operating.

The files provided were constructed from the raw data by Michael Coniglio (Michael.Coniglio@noaa.gov). The time date/time of the launch is stamped on the file name (YYYYMMDDHHMN in UTC).

The format of the files is as follows:

Column	Description	Units
1	Temperature	Degrees Celsius (°C)
2	Virtual Temperature	Degrees Kelvin (K)
3	Relative Humidity	Percent (%)
4	Smoothed Pressure	Hectopascals (hPa)
5	Geopotential Height	Meters (m)
6	RDF Elevation Angle	Radians (rad)
7	RDF Azimuth Angle	Radians (rad)
8	Wind Direction	Radians (rad)
9	Wind Speed	Knots (kts)
10	Slant Range	Meters (m)
11	Status Flags	N/A
12	Latitude	Degrees (°)
13	Longitude	Degrees (°)
14	Temperature (Raw)	Degrees Celsius (°C)
15	Geometric Height (GPS)	Meters (m MSL)
16	Record Time (0 if interpolated)	Seconds (s)
17	Height Status	N/A