POSIDON 2016

NOAA GMD – FPH/ECC/iMet, Emrys Hall, Allen Jordan, Dale Hurst (PI)
2015-10-27
2016-10-25 SF#7 GU006 Balloon Flight

Altitude [km]

Temperature [deg C]
Science Flight #5 – 2016-10-19
Preliminary data

GPS Altitude (km)

Temperature (deg C)

iMet Air Temp Asc

MMS Air Temp Final Desc into Guam
Balloon/UAS Ozone Comparison 10/18

- Blue line: Balloon O3 Ascent
- Green line: Balloon O3 Descent
- Red line: UAS O3

Y-axis: Altitude [m] (10^3)
X-axis: Ozone Mixing Ratio [ppb]

Graph compares ozone concentration in the stratosphere for Balloon and UAS data during ascent and descent on October 18th.