

## ORACLES - P-3 Orion - WFF 10/10/18 Science Report

**Aircraft:** [P-3 Orion - WFF \(See full schedule\)](#)

**Date:** Wednesday, October 10, 2018

**Mission:** ORACLES

**Mission Location:** Sao Tome

**Mission Summary:**

routine flight to 13S. high-altitude transit to 13S, followed by in-situ sampling on the way back that included three samples of the cloudy boundary layer, at 13S, ~8.5-7.5S, and 3.5S. boundary layer was mildly polluted. aerosol layer at southern end reached 19.5 kft. flight included speed runs for the cloud probes (the 2 CDP probes in particular).

**Submitted by:** Paquita Zuidema on 10/19/18

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