

Water vapor mixing ratio
(Eq. 2)

Temperature and pressure
from GDAS

Absolute humidity
(Eq. 4)

Dry air density
(Eq. 3)

Precipitable water vapor from
Raman lidar
(Eq. 5)

Precipitable water vapor
from sun photometer
(Eq. 7)

Calibration constant C
(Eq. 8)

