Index of ftp://ftp2.psl.noaa.gov/Projects/ATOMIC/data/ …. see also:
Quinn et al. paper NOAA ship + uncrewed platforms: https://doi.org/10.5194/essd-2020-331…
Pincus et al. paper NOAA P-3 aircraft: https://doi.org/10.5194/essd-2021-11
Stevens et al. paper EUREC⁴A (partner experiment) https://doi.org/10.5194/essd-2021-18
ATOMIC data are now posted on the NCEI landing page:
https://www.ncei.noaa.gov/access/metadata/landing-page/bin/iso?id=gov.noaa.nodc:ATOMIC-2020
contact: Elizabeth Thompson, NOAA Physical Sciences Lab, elizabeth.thompson@noaa.gov

Directory Name and Explanation, ** * used if data are explained in a different paper***

CU-RAAVEN/	drone named CU-RAAVEN launched from Barbados to measure atmospheric boundary layer, fluxes, ocean surface
EUREC4A_soundings/	rawinsondes from all EUREC4A / ATOMIC ships, including from NOAA Ship Ronald H. Brown ** *https://doi.org/10.5194/essd-2020-174*
JOANNE_dropsondes/	dropsondes from all EUREC4A / ATOMIC aircraft, including from NOAA WD-P3 ** *https://doi.org/10.5194/essd-2020-174*
NTAS/	air-sea and subsurface ocean mooring deployed near ~ 51°W, 15°N
p3/	NOAA WD-P3 aircraft meteorological and ocean data. ** *see Pincus et al. https://doi.org/10.5194/essd-2021-11, (see 3rd page of this document for directory details)*
rhb/	all data collected aboard NOAA Ship Ronald H. Brown between Barbados and NTAS **(i.e. RHB,** *see next page for details***)**
saildrones_nasa/	3 Saildrones for near-surface meteorology, air-sea, wave, ocean data deployed by NASA along the S. American Coast ** *see https://doi.org/10.5067/SDRON-ATOM0*
saildrones_noaa/	2 Saildrones for near-surface meteorology, air-sea, wave, ocean data deployed by NOAA: 1 along S. America Coast and 1 between Barbados and NTAS
satellite/	Satellite data and products used during field campaign; unofficial
svp-s_drifters/	10 SVPS type met, ocean, air-sea surface drifters deployed along coast of S. America
swift_drifters/	6 SWIFT met, ocean, wave, air-sea, ocean surface drifters deployed from RHB ship between NTAS and Barbados
wavegliders/	2 air-sea, wave, ocean Wave Gliders deployed from RHB ship and remotely piloted between NTAS and Barbados

Same as prior page but for **/rhb/** directory of data collected directly on NOAA Ship Ronald H. Brown. Index of ftp://ftp2.psl.noaa.gov/Projects/ATOMIC/data/rhb/…. see also:
Quinn et al. paper NOAA ship + uncrewed platforms: https://doi.org/10.5194/essd-2020-331…
Pincus et al. paper NOAA P-3 aircraft: https://doi.org/10.5194/essd-2021-11
Stevens et al. paper EUREC[4]A (partner experiment) https://doi.org/10.5194/essd-2021-18
ATOMIC data are now posted on the NCEI landing page:
https://www.ncei.noaa.gov/access/metadata/landing-page/bin/iso?id=gov.noaa.nodc:ATOMIC-2020
contact: Elizabeth Thompson, NOAA Physical Sciences Lab, elizabeth.thompson@noaa.gov

Directory Name	**Explanation, ** used if data are explained in a different paper**
ADCP/	acoustic doppler current profiler in ocean
CTD/	CTD ocean profiles collected from ship's rosette
M-AERI/	skin sea surface temperature, air temp, air humidity from M-AERI instrument
Picarro/	isotopic water vapor sampling from gas analyzer
ROSR/	skin sea surface temperature from ROSR instrument
UCTD/	underway CTD ocean profiles
W-band-radar/	W-band Doppler upward-pointing radar for clouds and light rain
atmos-chem/	atmospheric chemistry measurements and samples
ceilometer/	upward-pointing lidar for boundary layer and cloud base
disdrometer/	disdrometer for drop size distributions and rain rate * note it is advised to consult this data alongside the rain rate data from /met_sea_flux_nav/ taken in a location less susceptible to flow distortion and with higher sensitivity.
doppler-lidar/	upward-pointing motion-stabilized Doppler lidar for boundary layer and clouds
met_sea_flux_nav/	near-surface meteorological, rain, seawater, air-sea flux, wave, navigation, and location data
seawater_isotopes	isotopic seawater sampling from various ocean depths
sky_camera/	visible images of sky looking horizontally out toward horizon

Same as prior page but for **/p3/** directory of data collected directly from NOAA aircraft Lockheed WD-P3 Orion, call sign N43 (NOAA 43, Miss Piggy), colloquially known as P3.
Index of ftp://ftp2.psl.noaa.gov/Projects/ATOMIC/data/p3/ …. see also:
Quinn et al. paper NOAA ship + uncrewed platforms: https://doi.org/10.5194/essd-2020-331…
Pincus et al. paper NOAA P-3 aircraft: https://doi.org/10.5194/essd-2021-11
Stevens et al. paper EUREC[4]A (partner experiment) https://doi.org/10.5194/essd-2021-18
ATOMIC data are now posted on the NCEI landing page:
https://www.ncei.noaa.gov/access/metadata/landing-page/bin/iso?id=gov.noaa.nodc:ATOMIC-2020
contact: Elizabeth Thompson, NOAA Physical Sciences Lab, elizabeth.thompson@noaa.gov
contact: Robert Pincus, Columbia University, robert.pincus@columbia.edu

Directory Name	**Explanation, ** used if data are explained in a different paper**
AXBT/	vertical profiles of ocean temperature from Airborne eXbendable BathyThermographs (AXBTs) launched from aircraft
Flight-level/	meteorology and aircraft navigation/location data collected along flight
Isotope-Analyzer/	isotopic water vapor sampling from gas analyzer
Remote-sensing/	cloud and sea surface derived parameters and measurements. Includes: temperature and height of cloud layers, rain rate; sea surface parameters including temperature, wind speed from Stepped Frequency Microwave Radiometer (SFMR), normalized radar backscatter cross-section at W-band, mean square slope (i.e. surface ocean waves); aircraft navigation data and flight level meteorological data used for calculations,
W-band/	W-band Doppler downward-pointing radar for clouds and light rain
WSRA /	ocean surface wave and derived sea surface temperature data from Wide Swath Radar Altimeter