DLR lidar quicklooks

Contact: Martin.Weissmann@DLR.DE

The quicklooks were produced with a semi-automated filter program. In some cases noise may slip through the filter, or correct observations may be eliminated. For a detailed analysis of observations it is recommend to work with the data files (prd-files) or to contact DLR.

The quicklooks cover most, but not the entire DLR lidar data. Data files are available from the T-REX data archive for all lidar observations during T-REX.
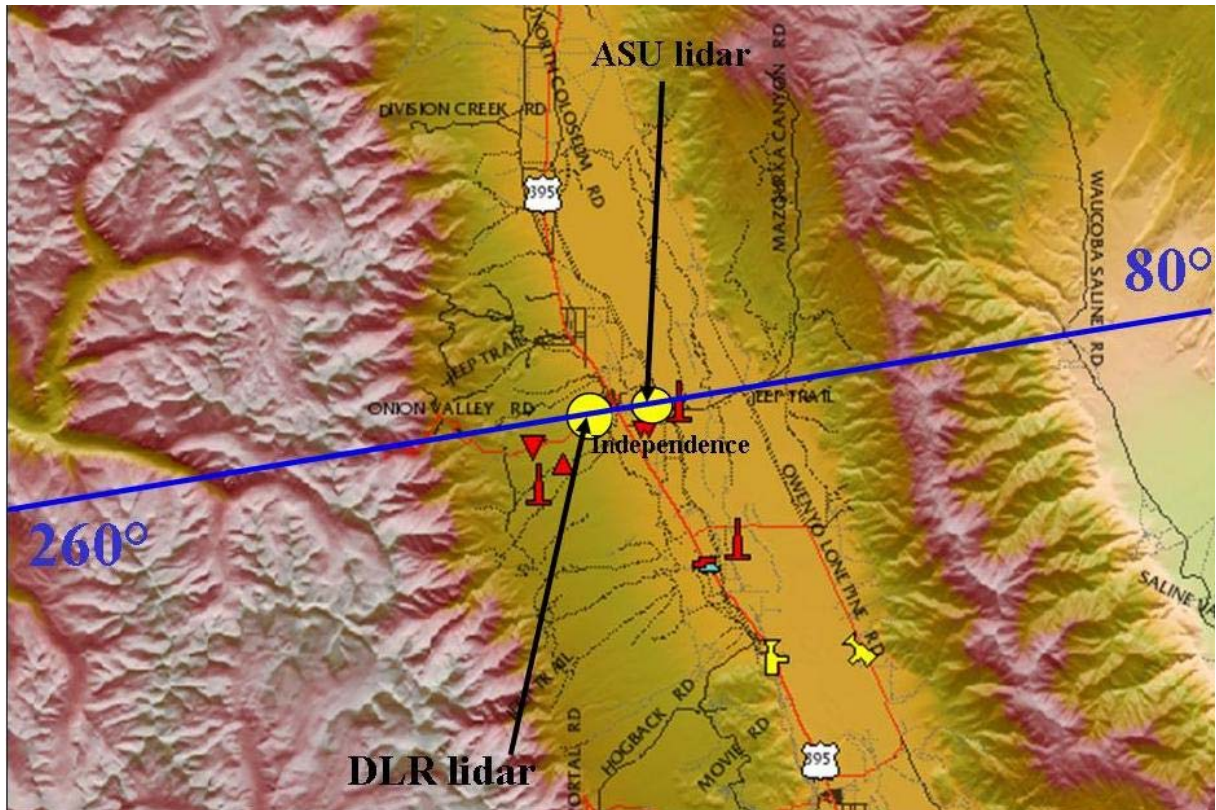
PPI10   conical scan at elevation = 10°

RHI80   vertical cross-section, azimuth = 80° is to right and azimuth = 260° to the left

negative radial velocity → flow toward the lidar

positive radial velocity → flow away from the lidar

Time: UTC

More information: http://www.pa.op.dlr.de/trex/

Map of the Owens Valley with the location of both lidars and the baseline of the most common scan direction (RHI80), which is roughly perpendicular to the valley axis.