



Examples of LIDAR profile images of aerosol backscatter.

Johns Hopkins University LIDAR Images for the EPA Baltimore Supersite Study, 2001-2002.

Image 1: Compilation of all profiles collected July 7, 2002*, range 0-4000 m***.

Image 2: Compilation of all profiles collected July 7, 2002, range 0-2000 m***.

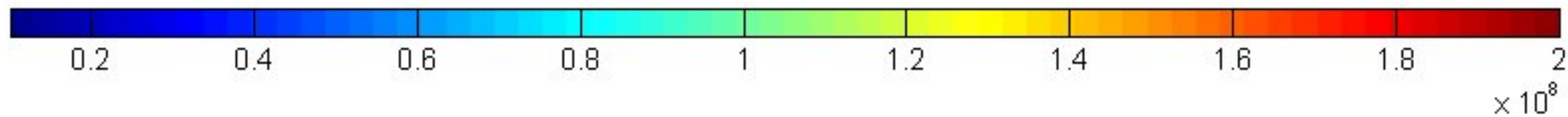
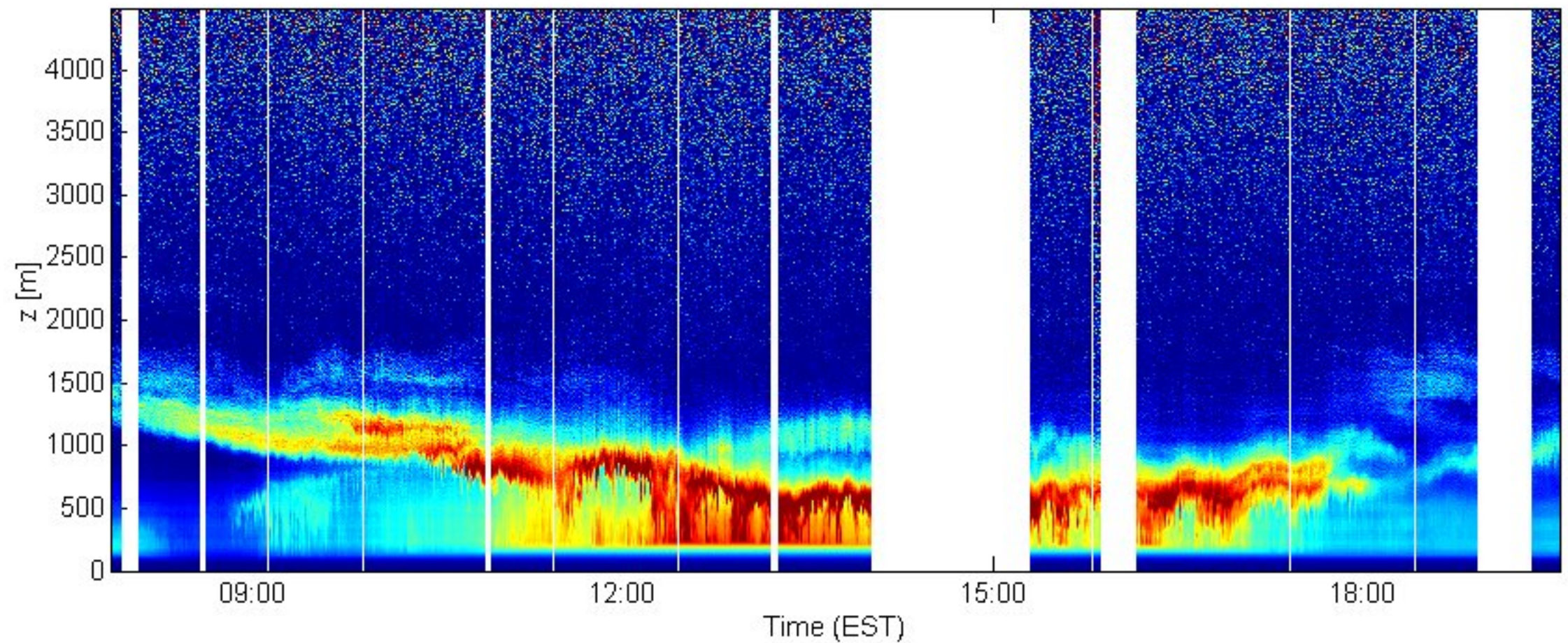
Images 3 – 7: Individual measurement profiles collected July 7, 2002, at specified times, range 0-4000 m. File name at top of image corresponds to LIDAR data file available from Langley DAAC (e.g., LIDARPON020707007.TDA).***

Image 8: Plot of mixing height altitude (with standard deviation) calculated for cloud-free profiles collected July 7, 2002. Complete set of mixing height data are available from Langley DAAC. ***SEE GUIDE DOCUMENT -- RANGE ERROR***

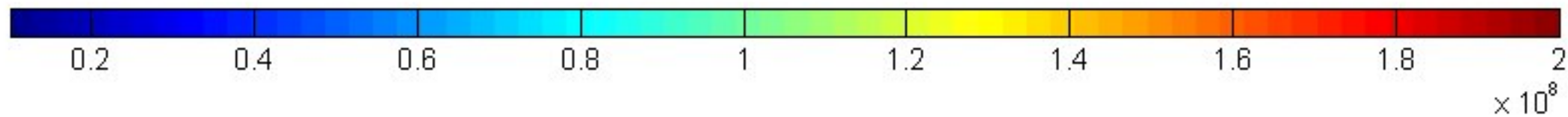
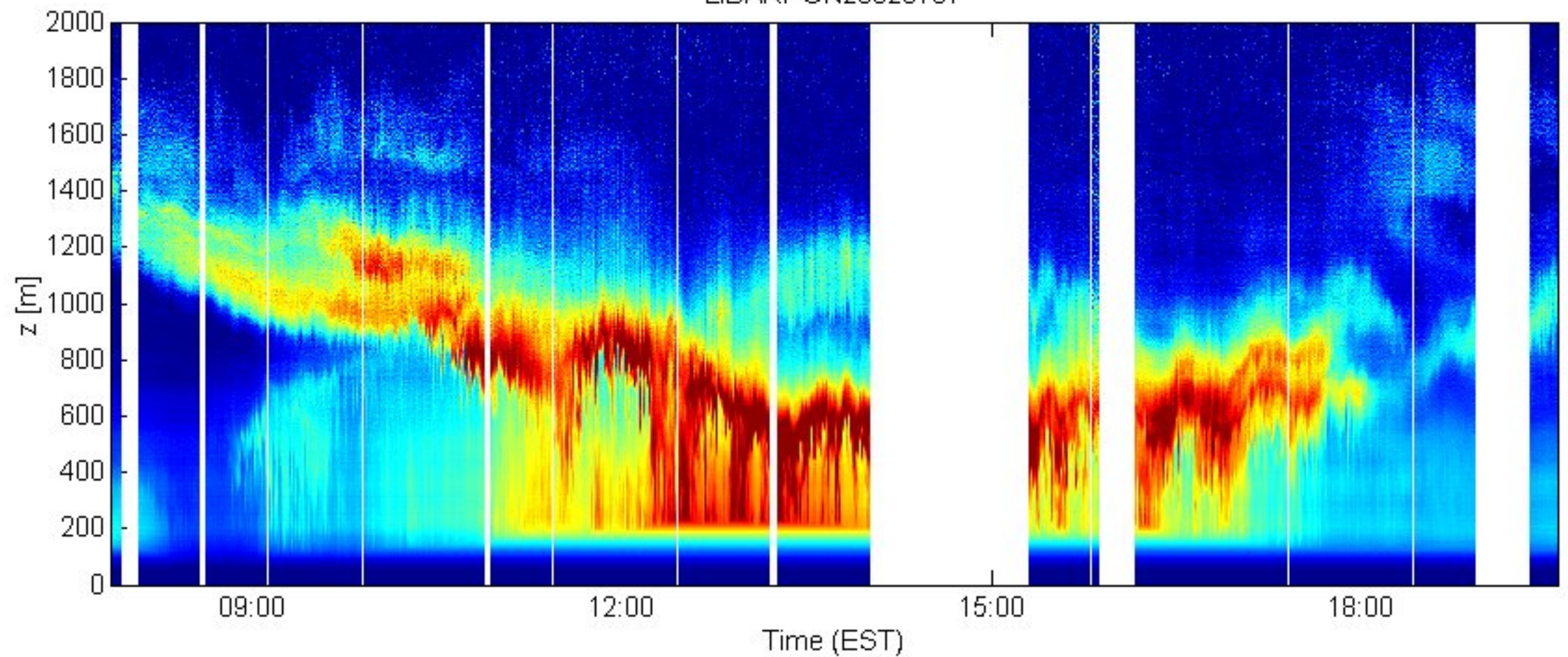
*Strong backscatter signal in profiles was due to haze from Canadian forest fire, July 6-9 2002.



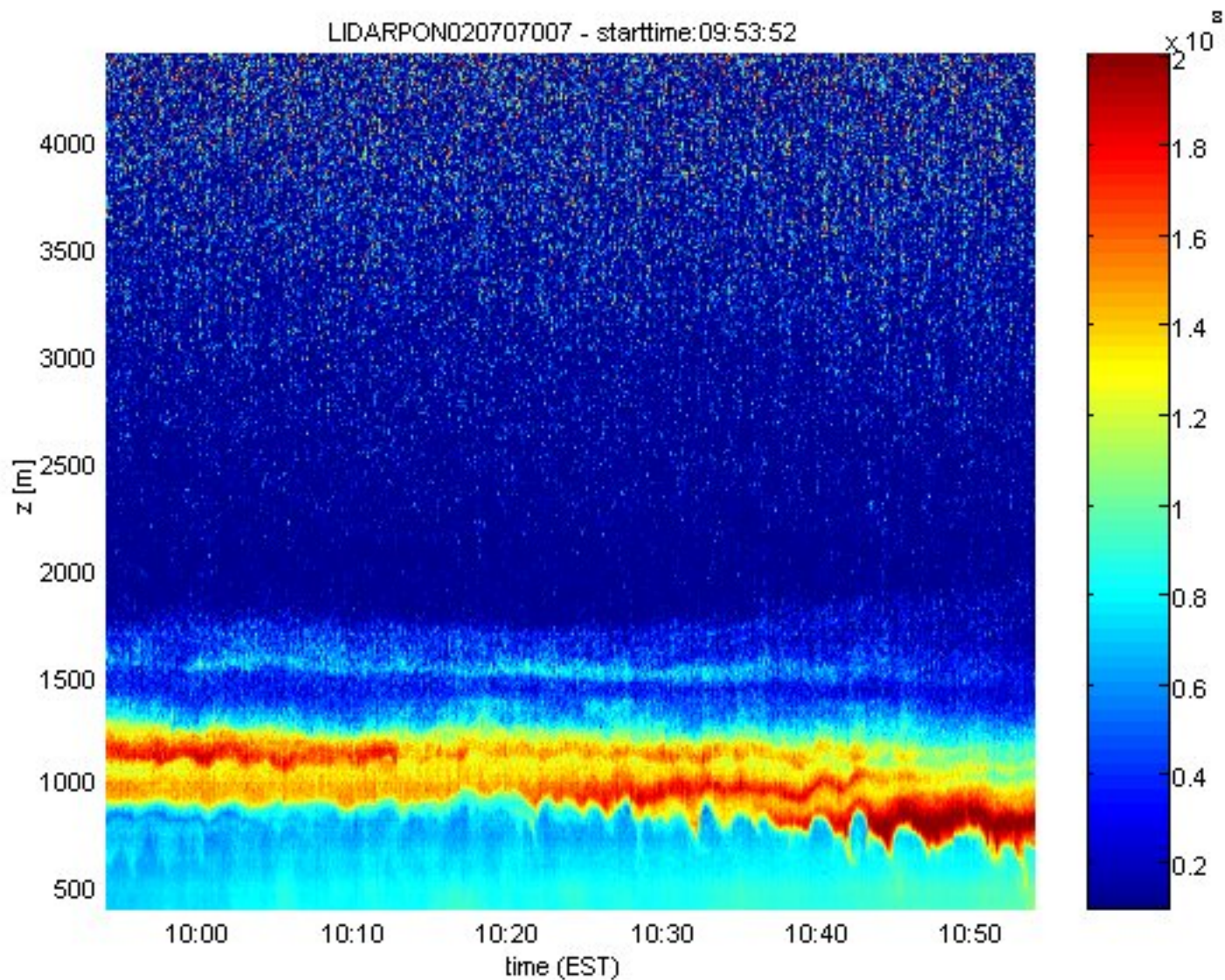
LIDARPON20020707



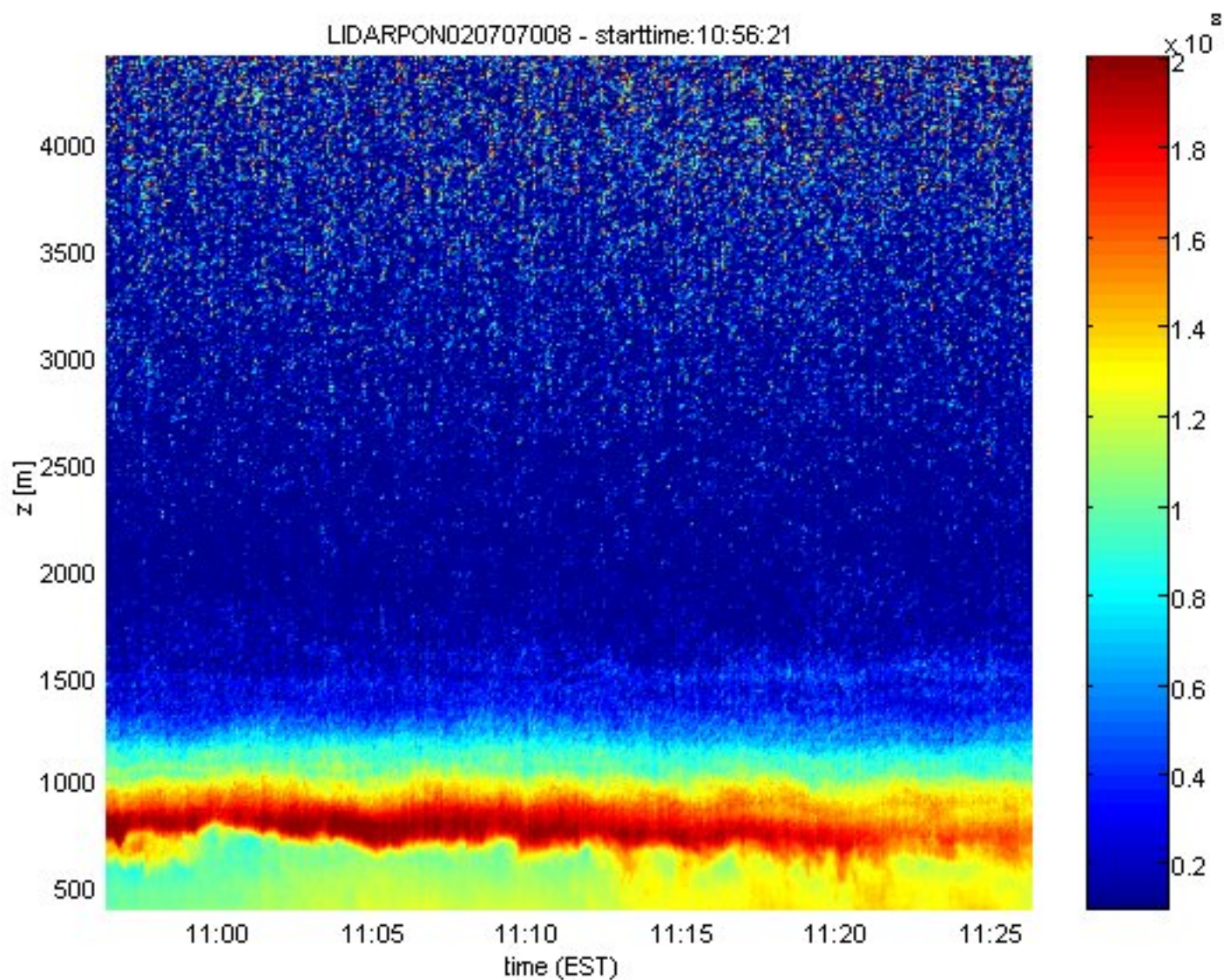
LIDARPON20020707



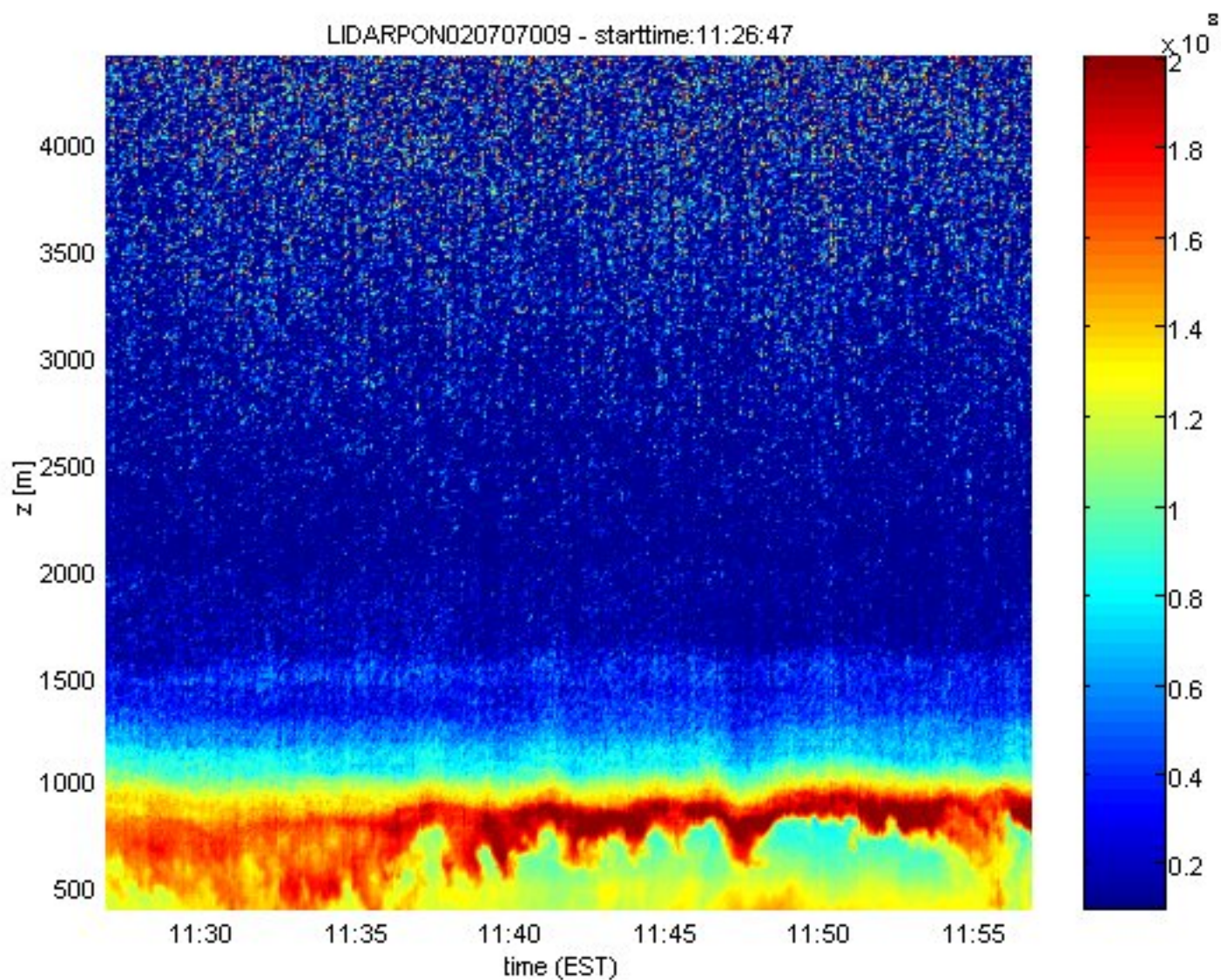
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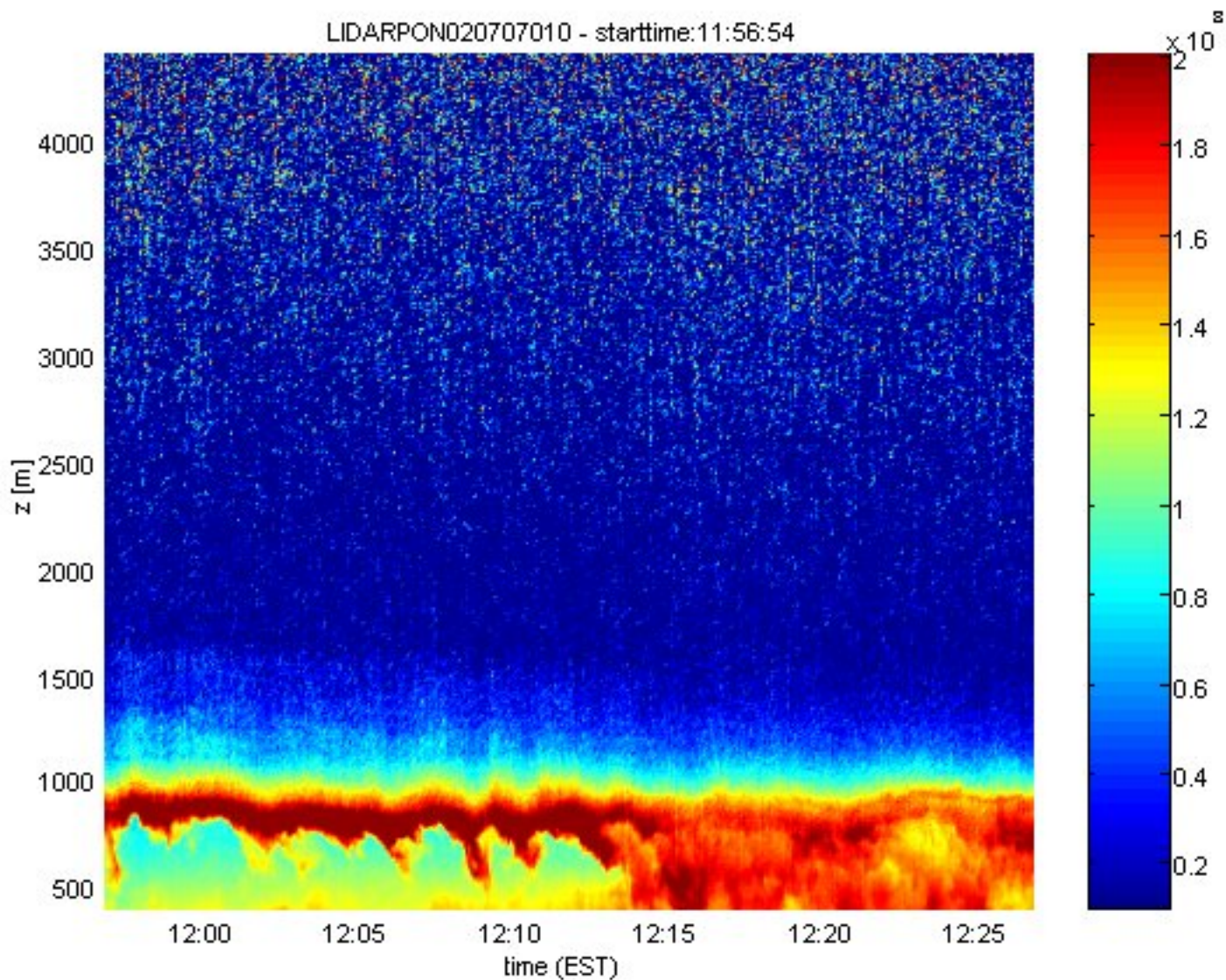
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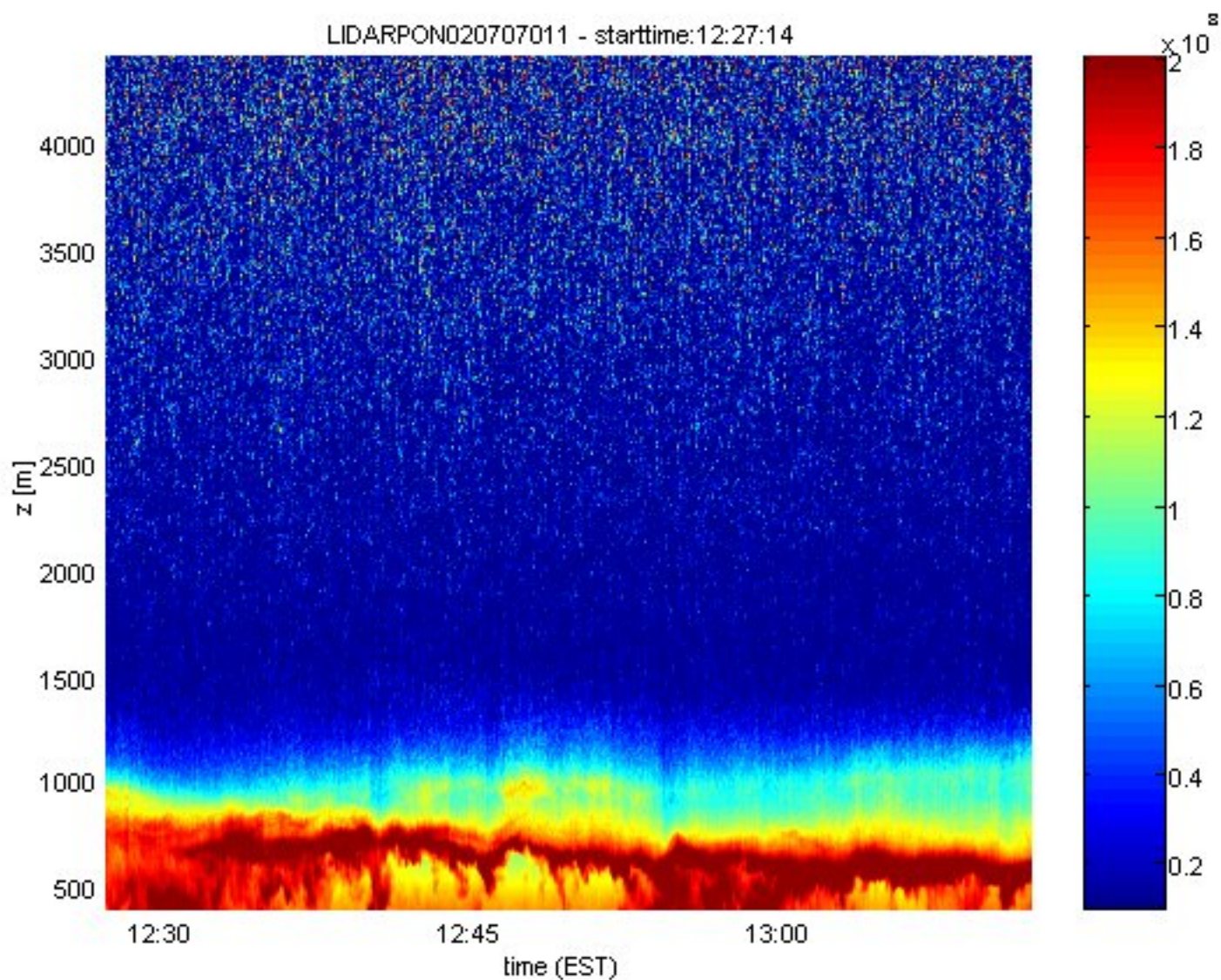
LIDARPON020707009 - starttime:11:26:47



LIDARPON020707010 - starttime:11:56:54



LIDARPON020707011 - starttime:12:27:14



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