# Examples of LIDAR profile images of aerosol backscatter.

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

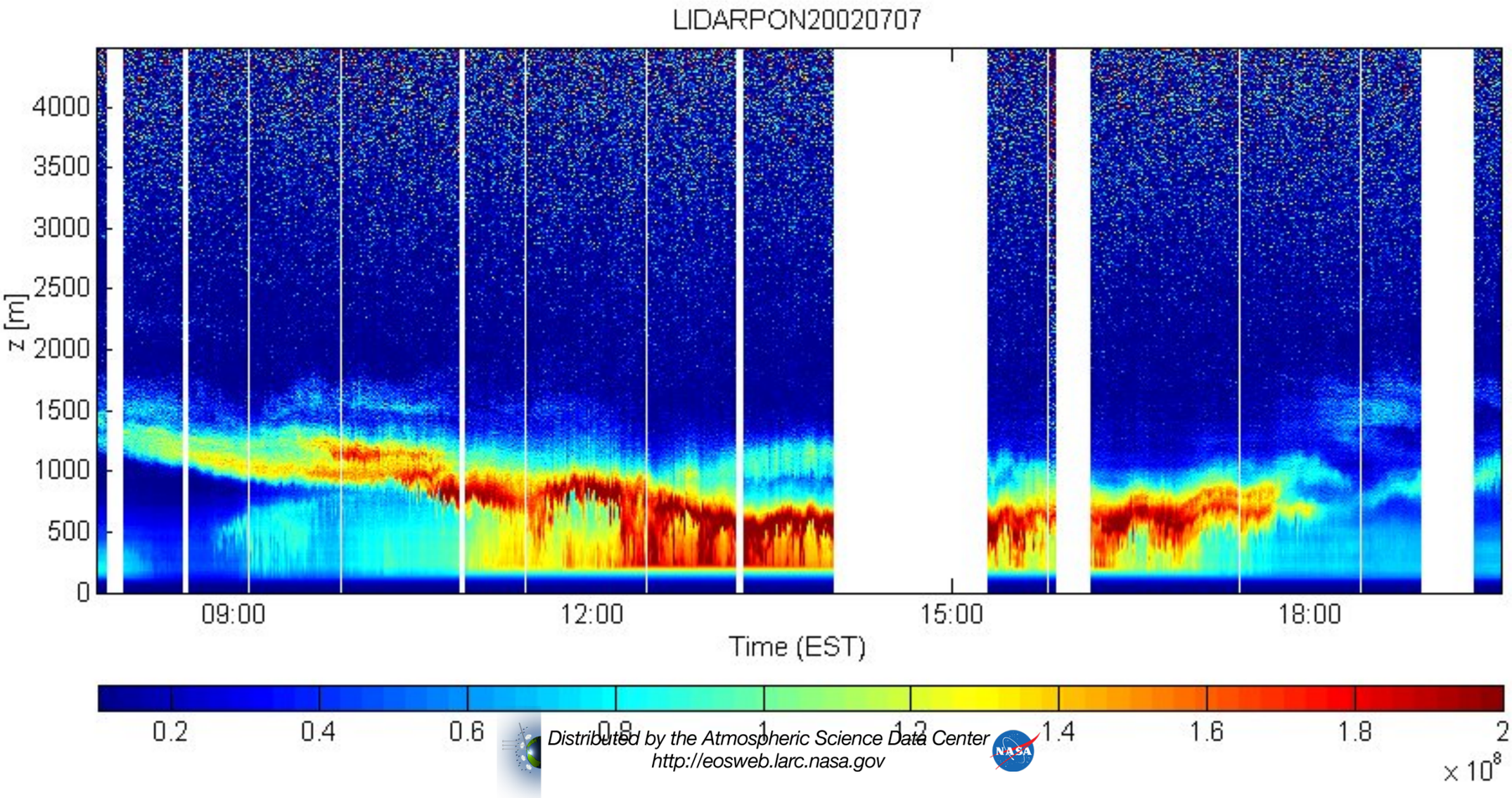
**Image 1:** Compilation of all profiles collected July 7, 2002*, range 0-4000 m***.

**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.**

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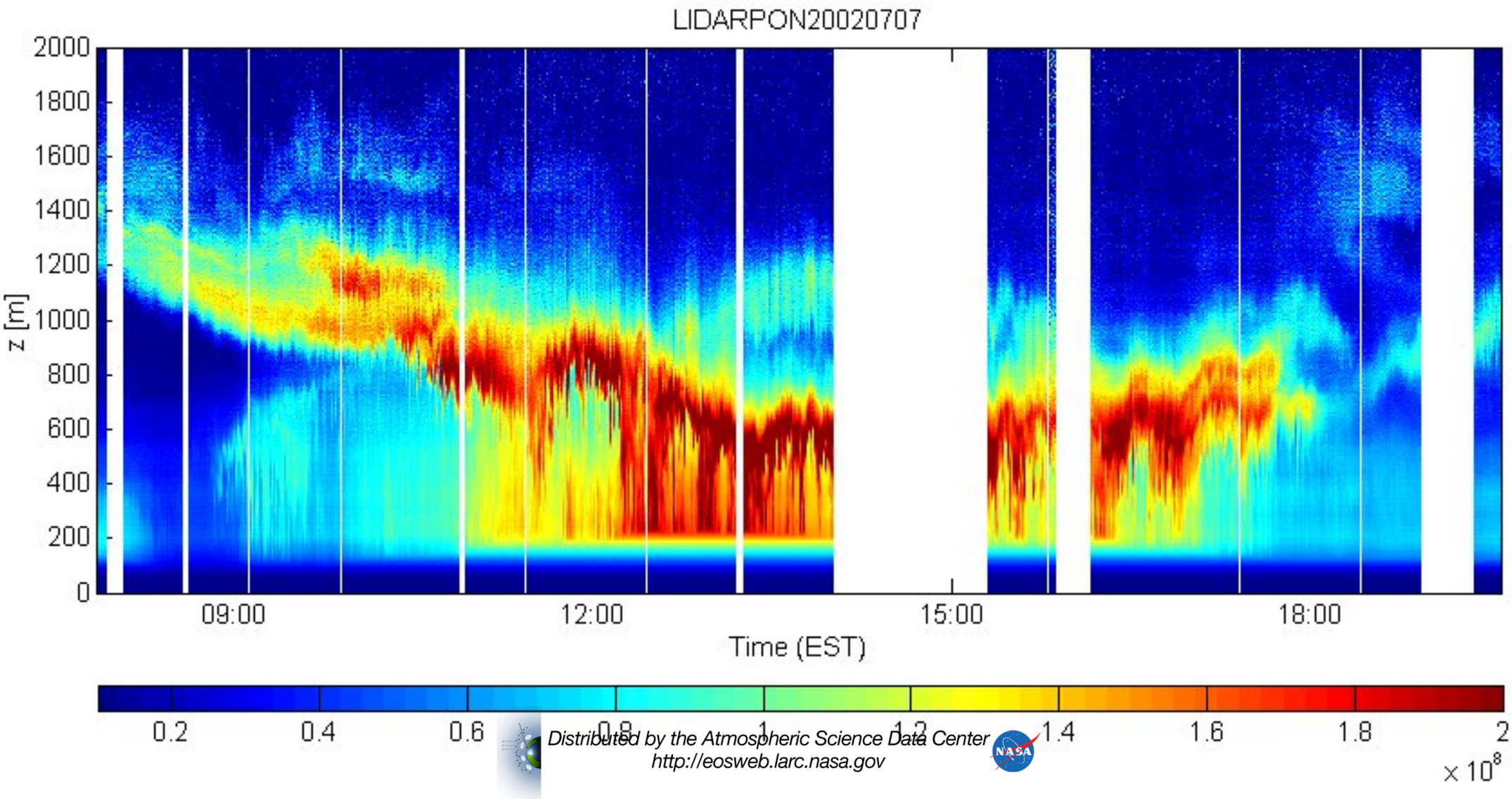


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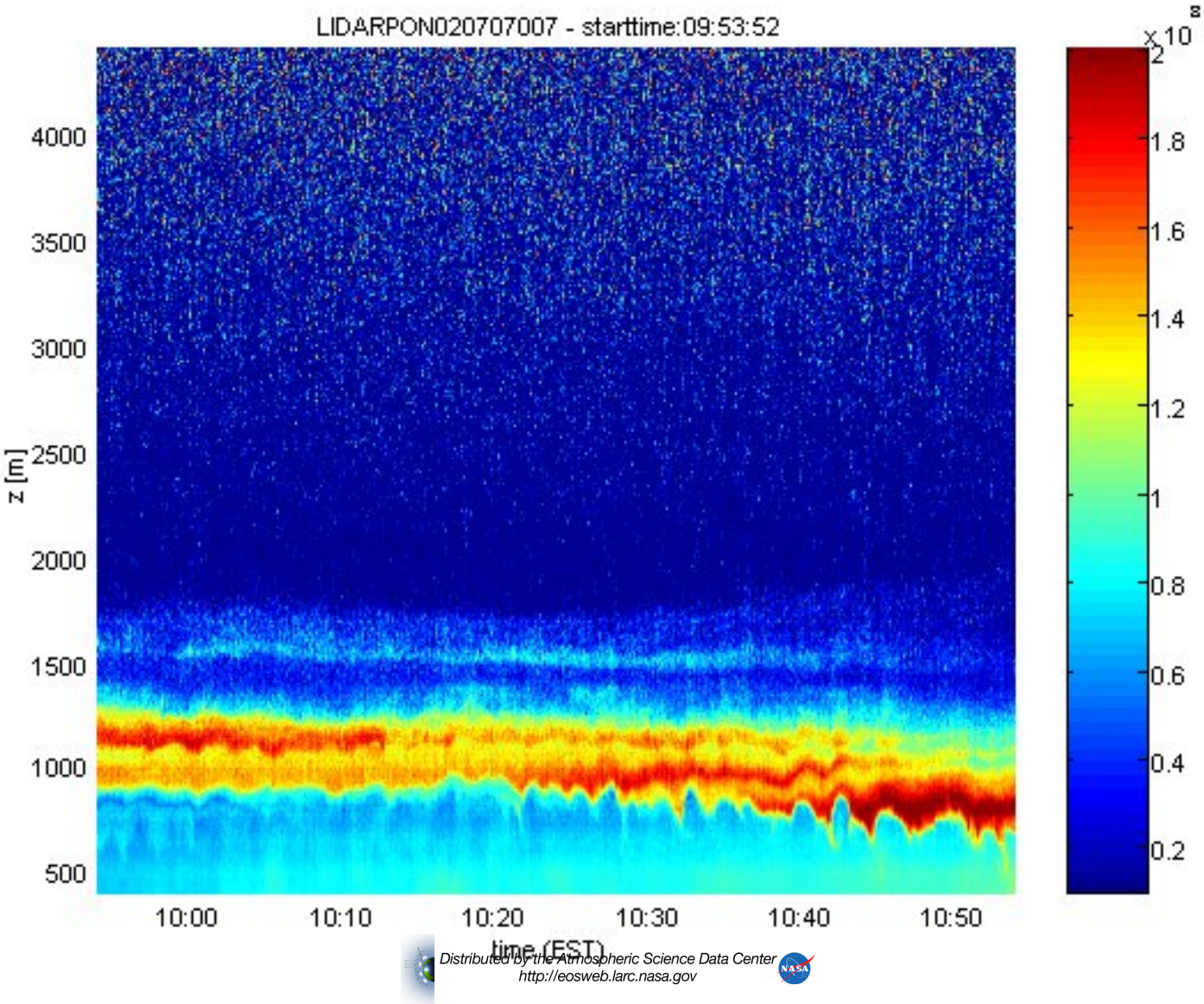


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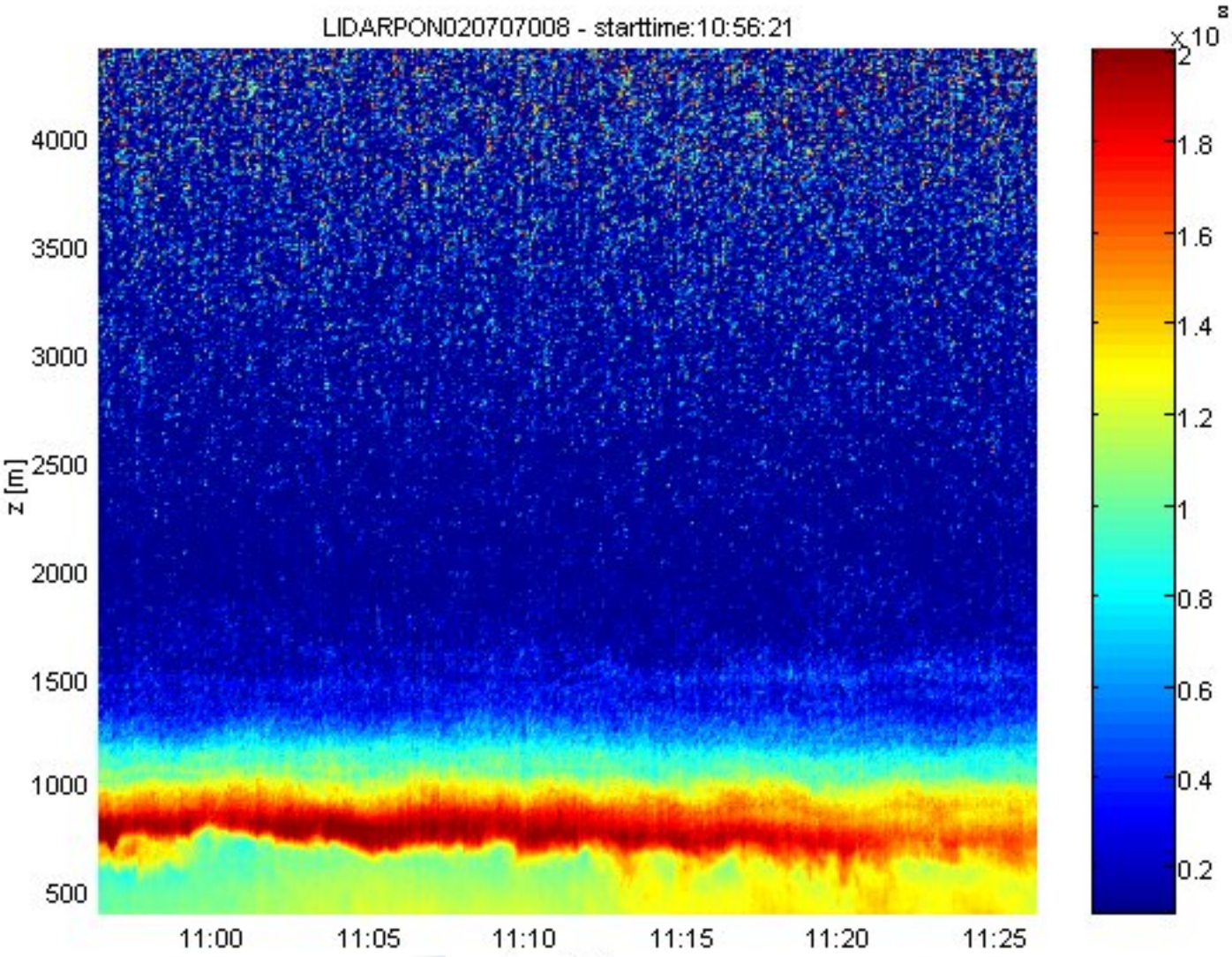


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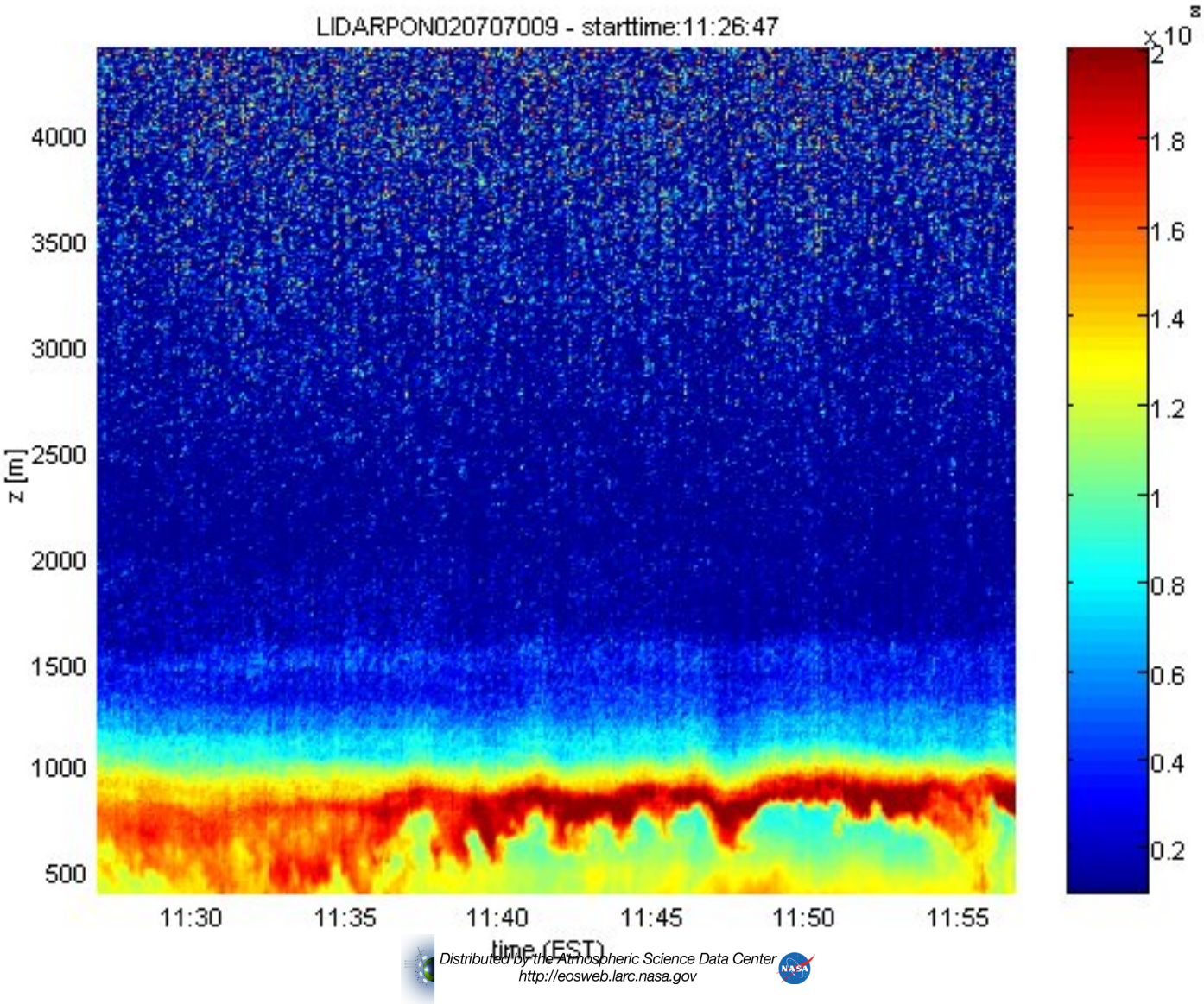


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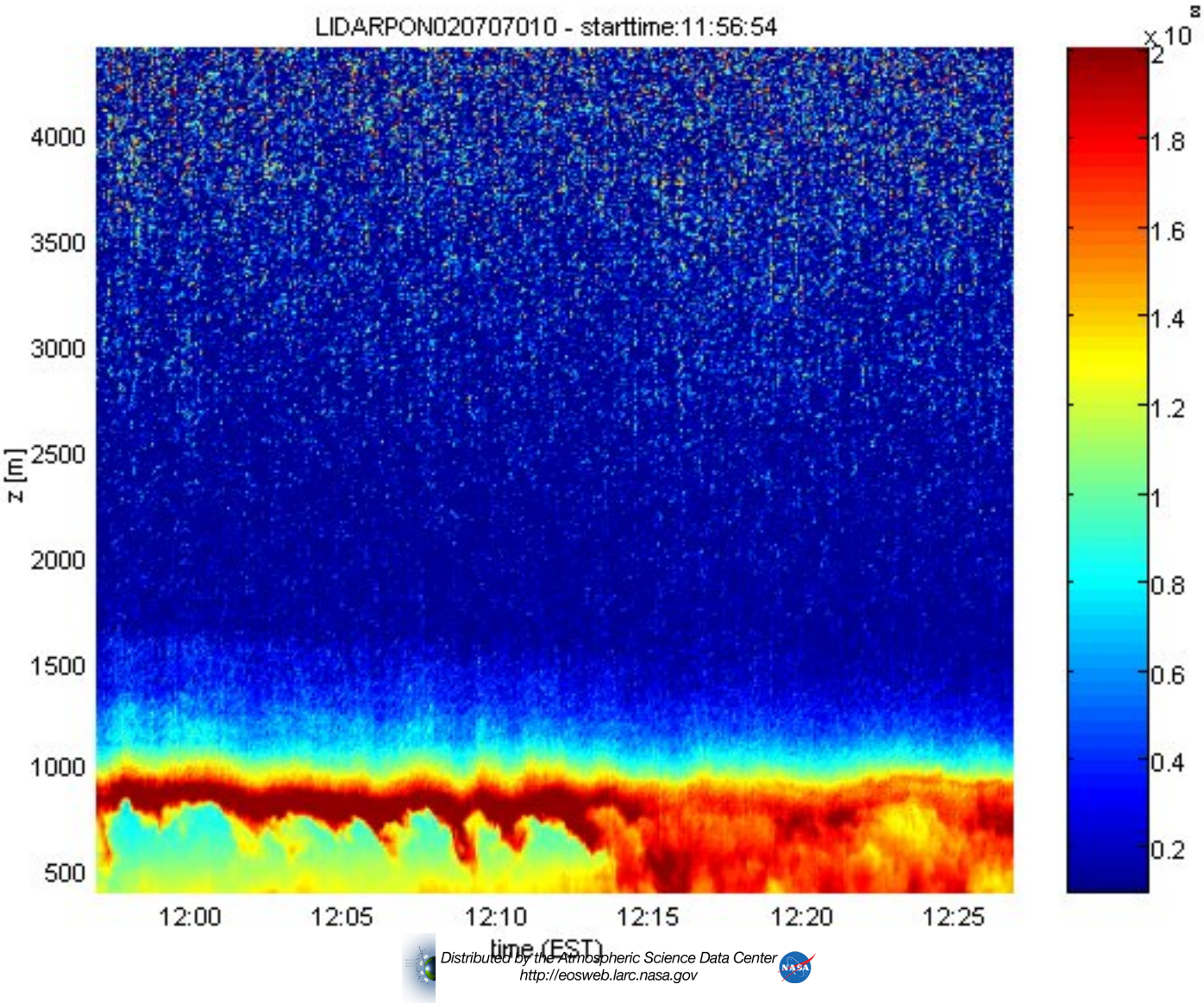


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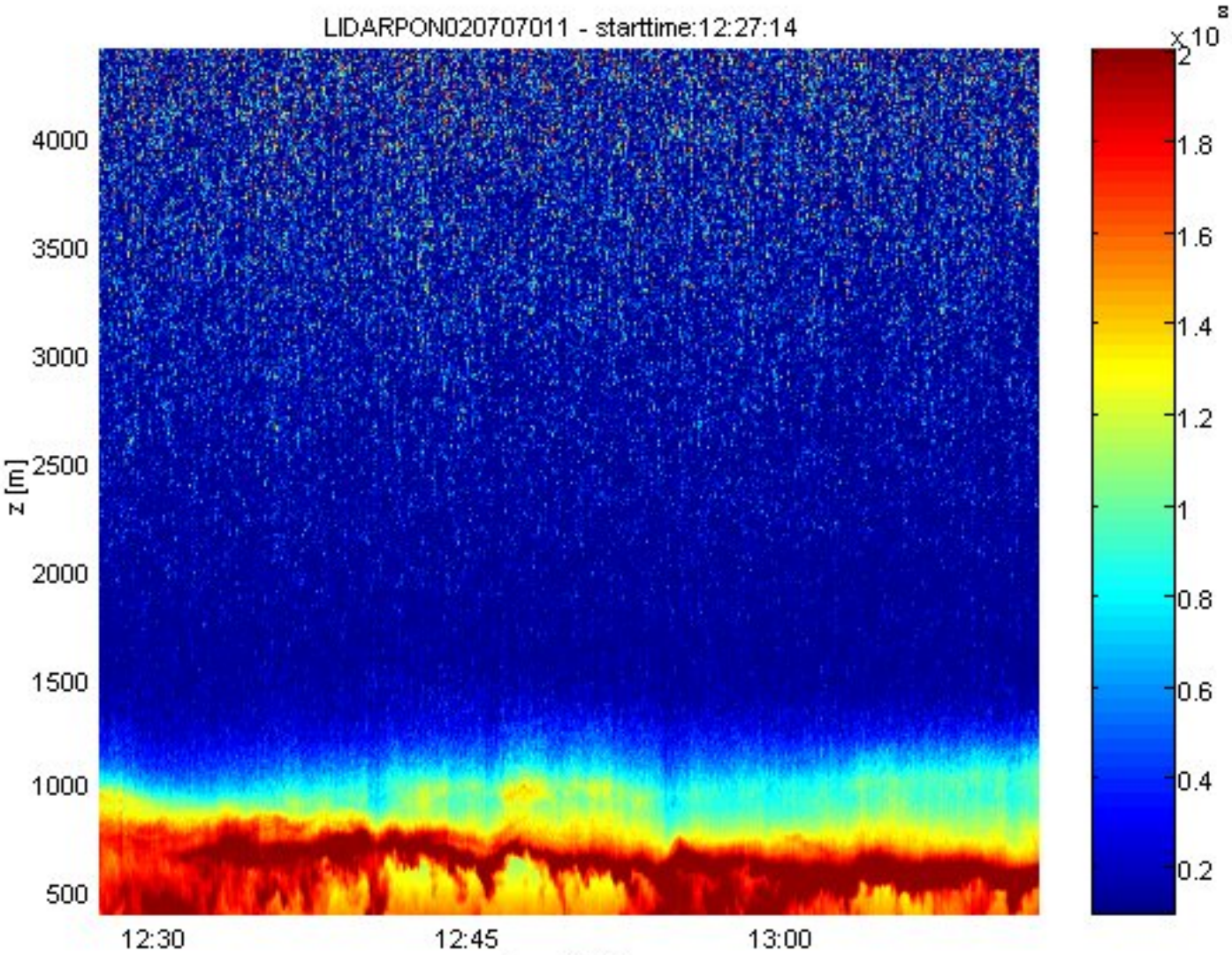


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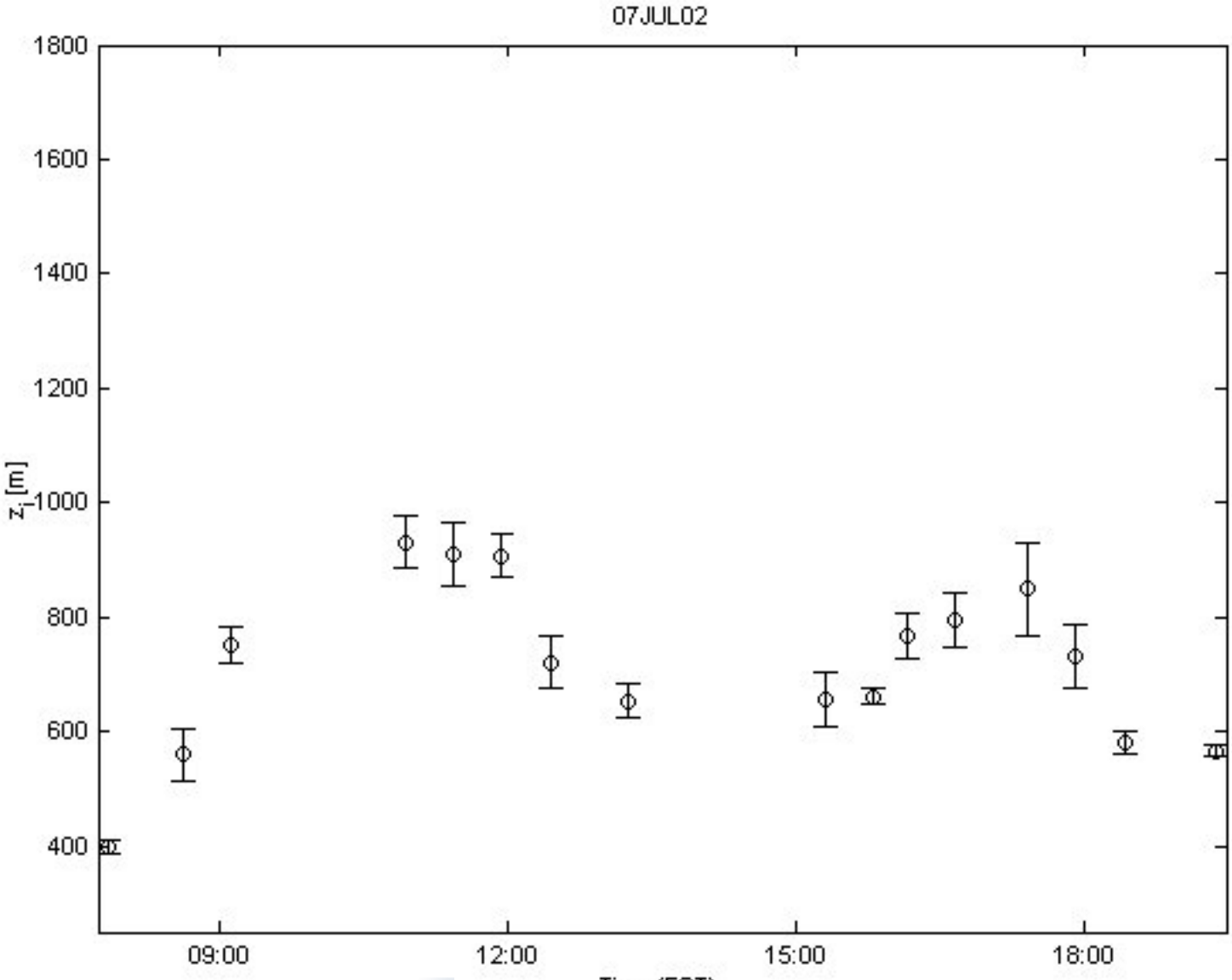


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