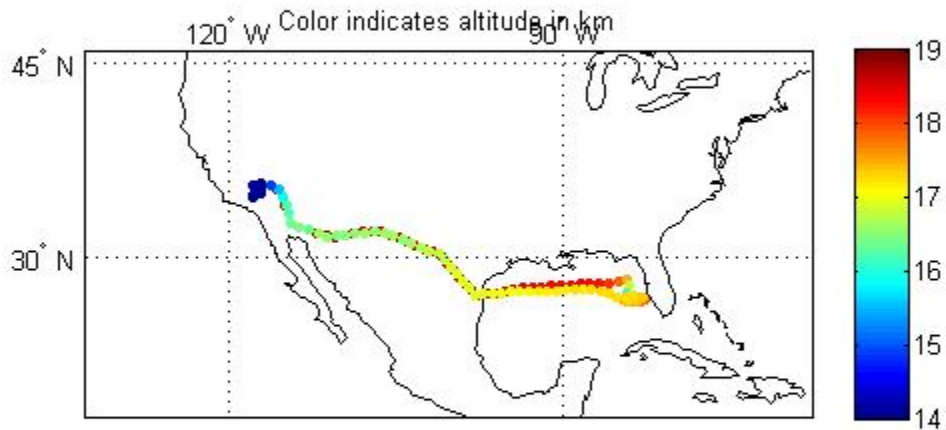

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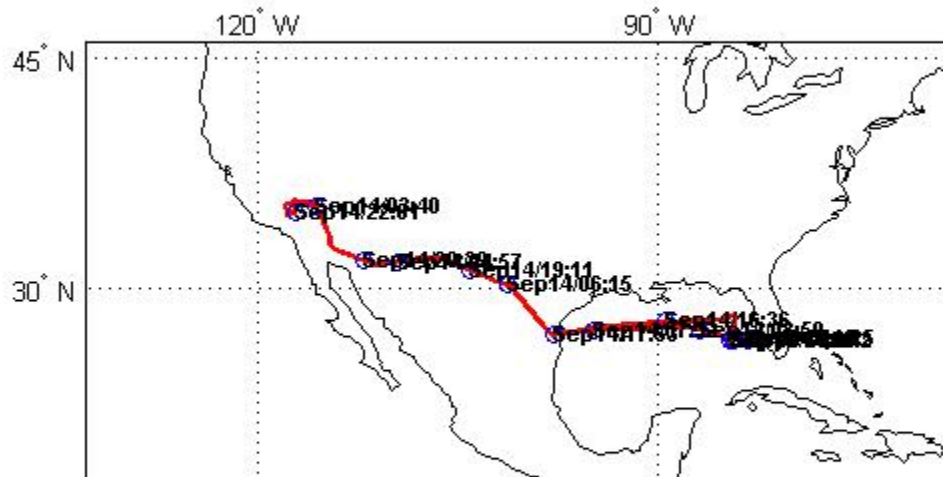
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Reading: HAMSR_L2_20110913T192306_20110914T163900_v01.nc

Flight Path with Altitude

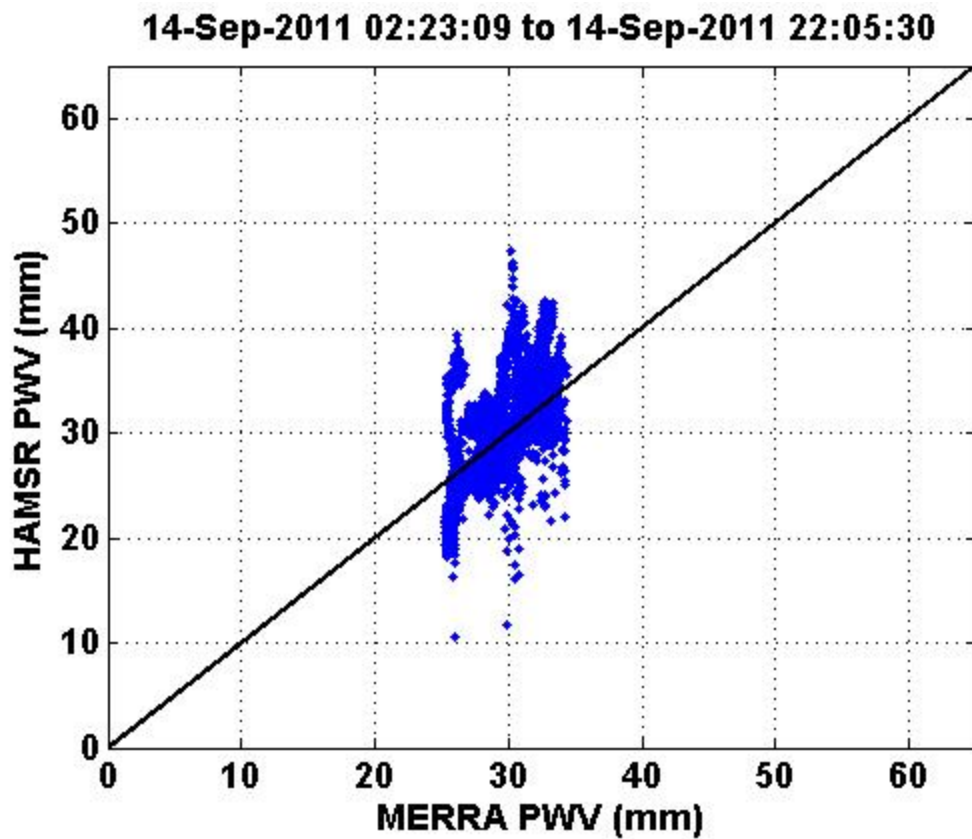
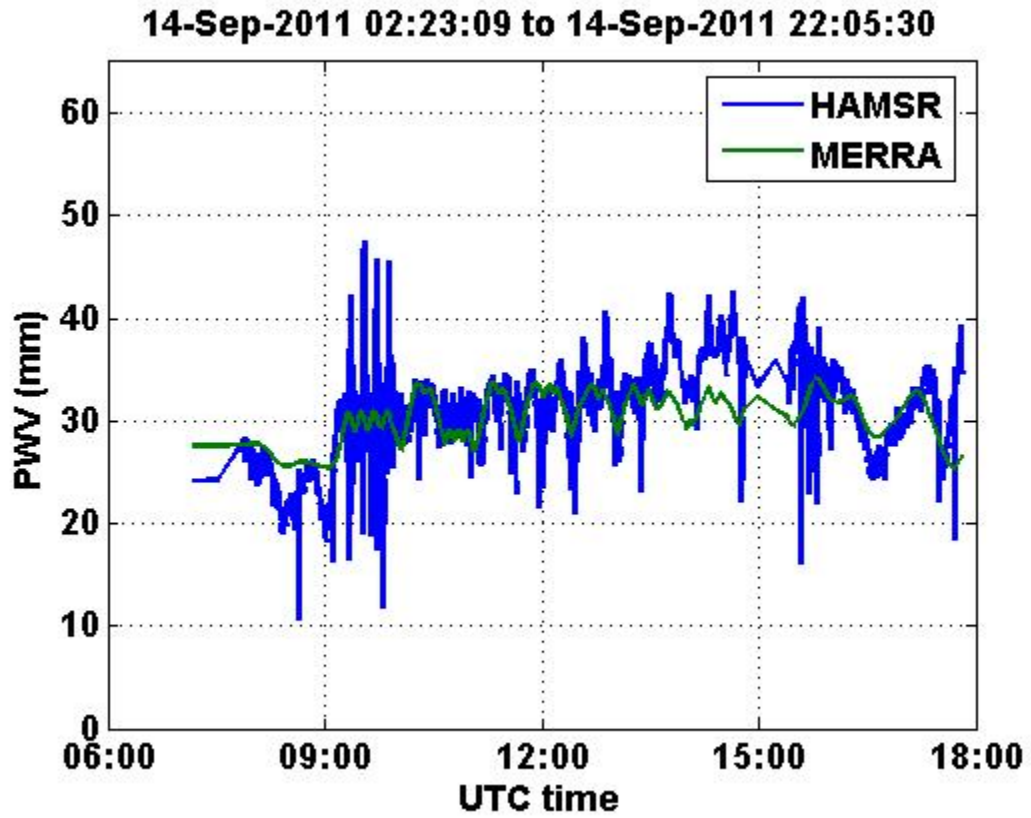


Flight Path with Time

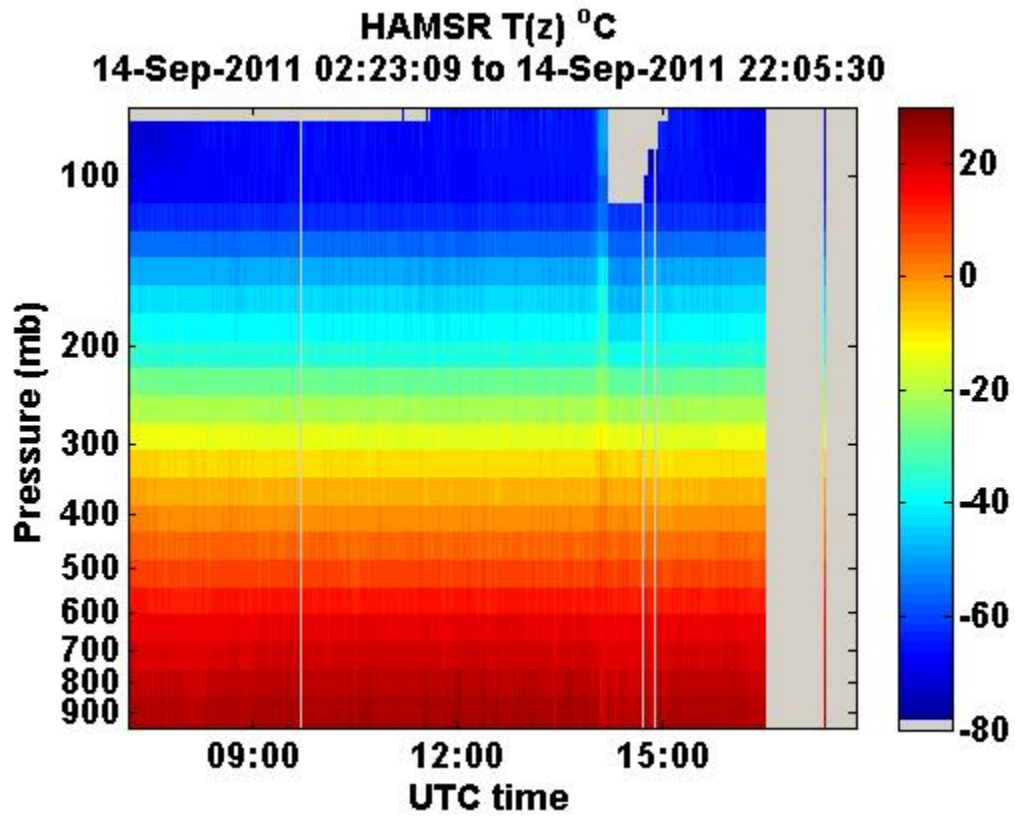


MERRA Comparisons Precipitable Water Vapor

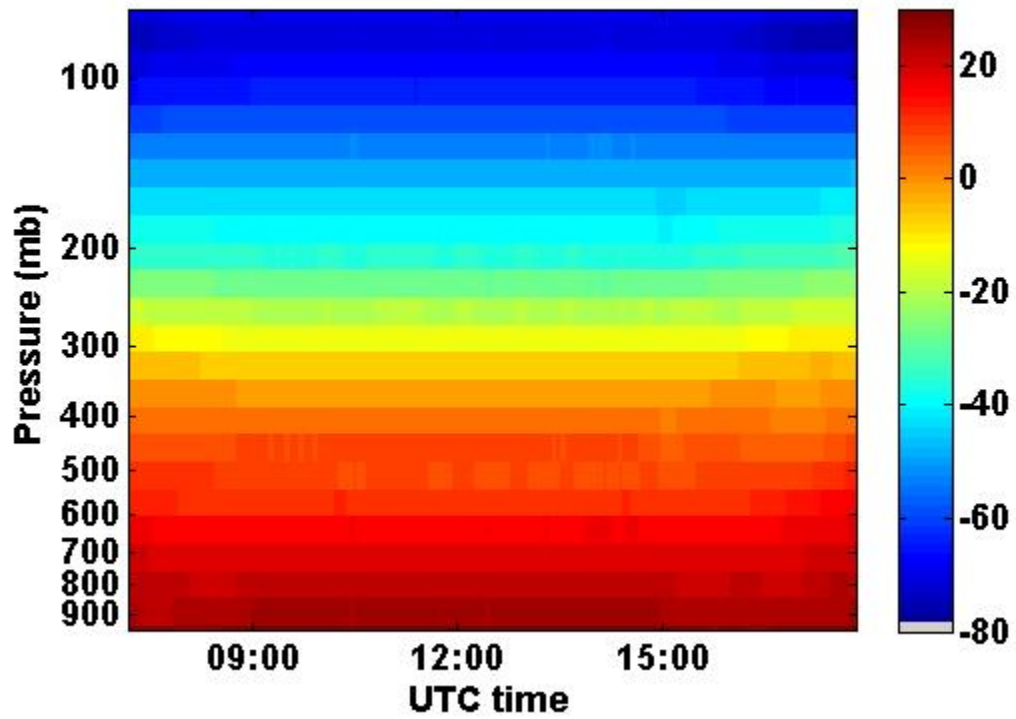
Mean: 0.56861 mm
StdDev: 3.3222 mm



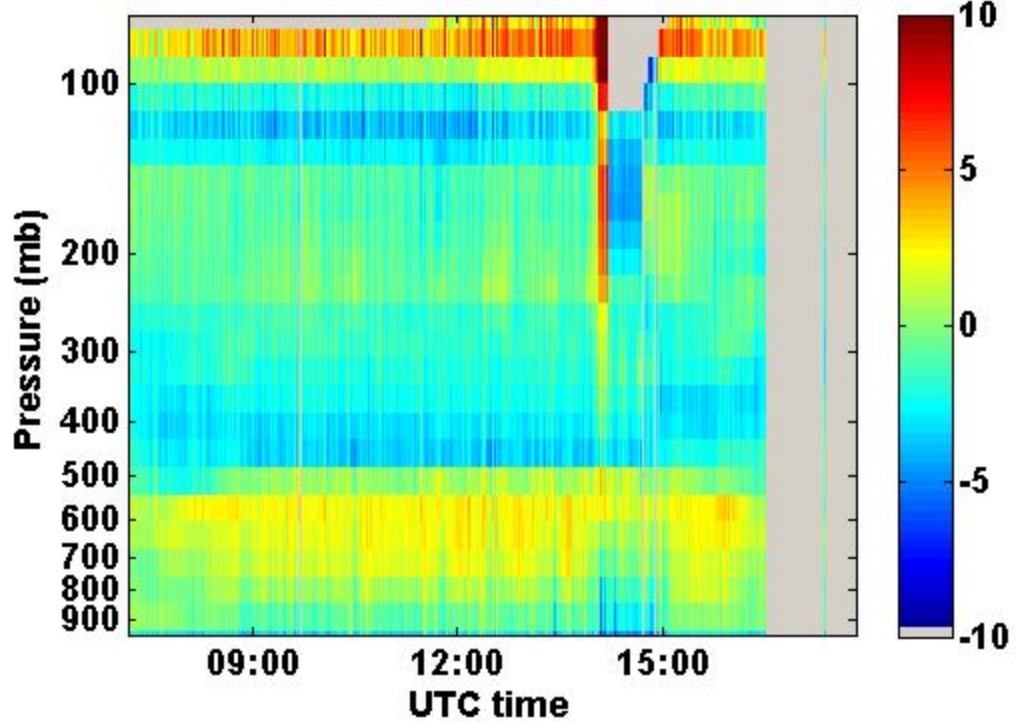
Temperature with MERRA

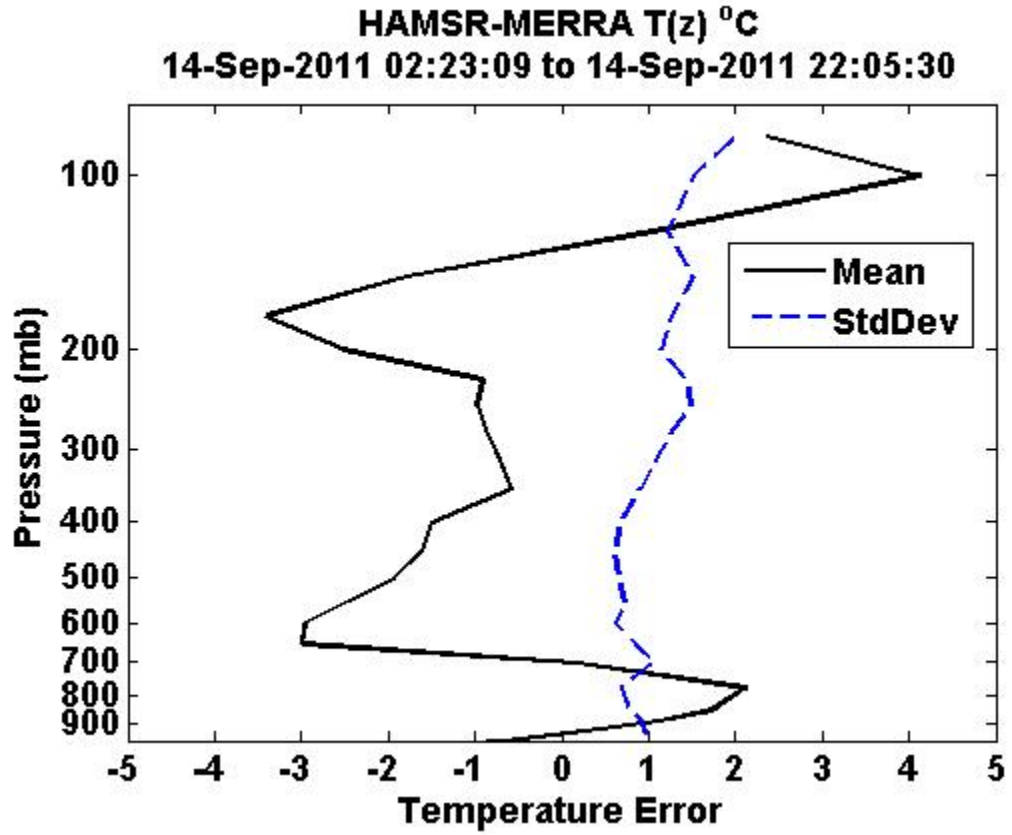


MERRA T(z) °C
14-Sep-2011 02:23:09 to 14-Sep-2011 22:05:30

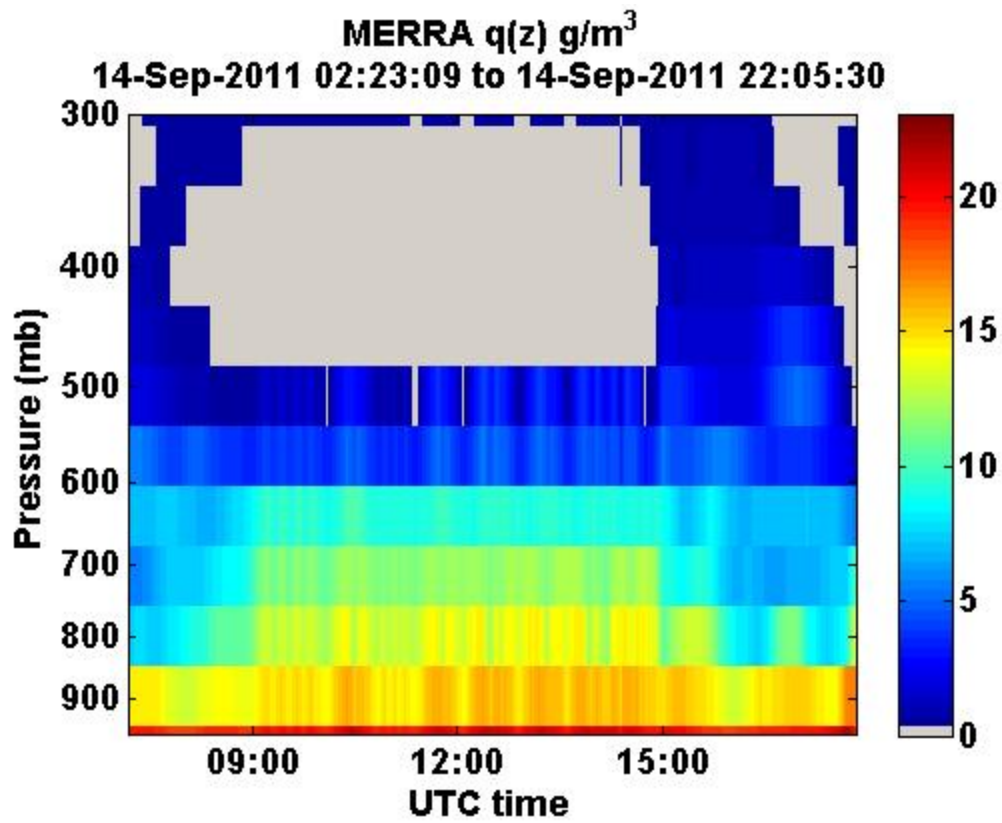
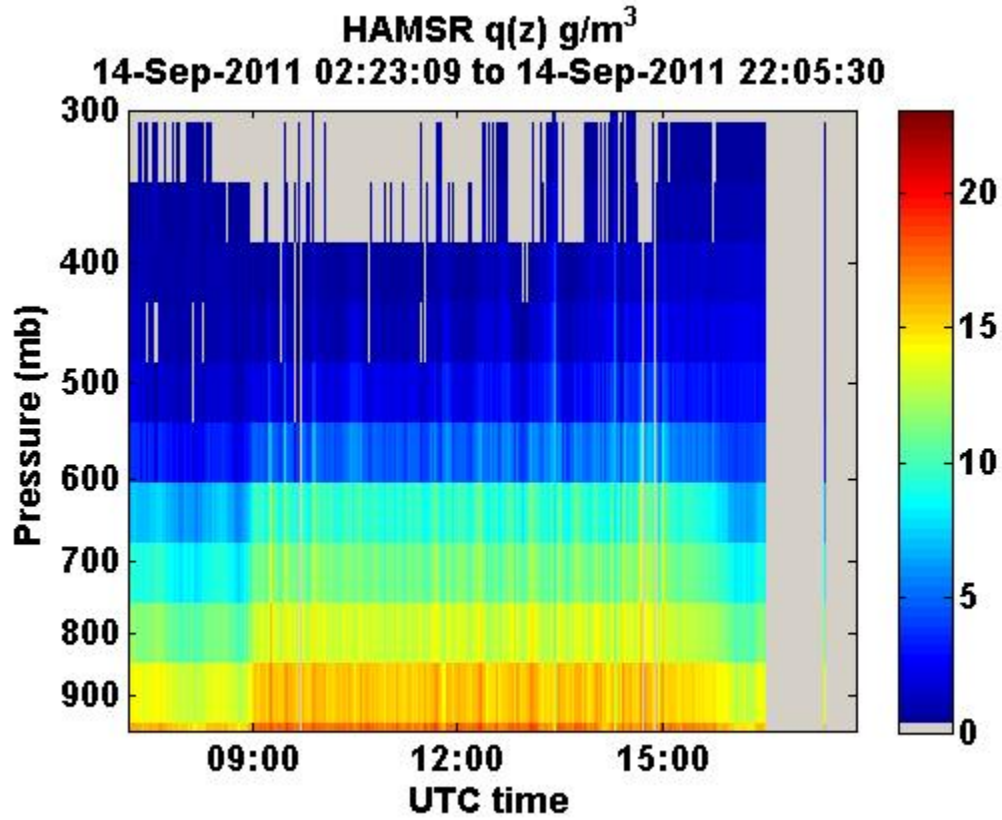


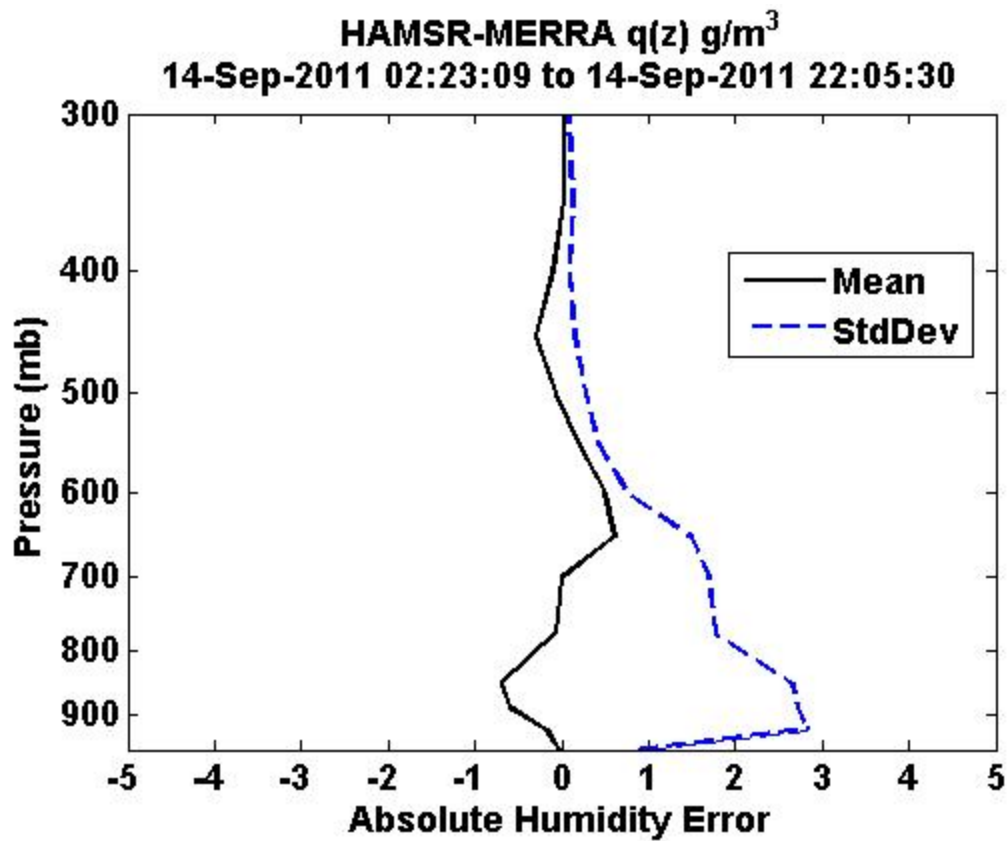
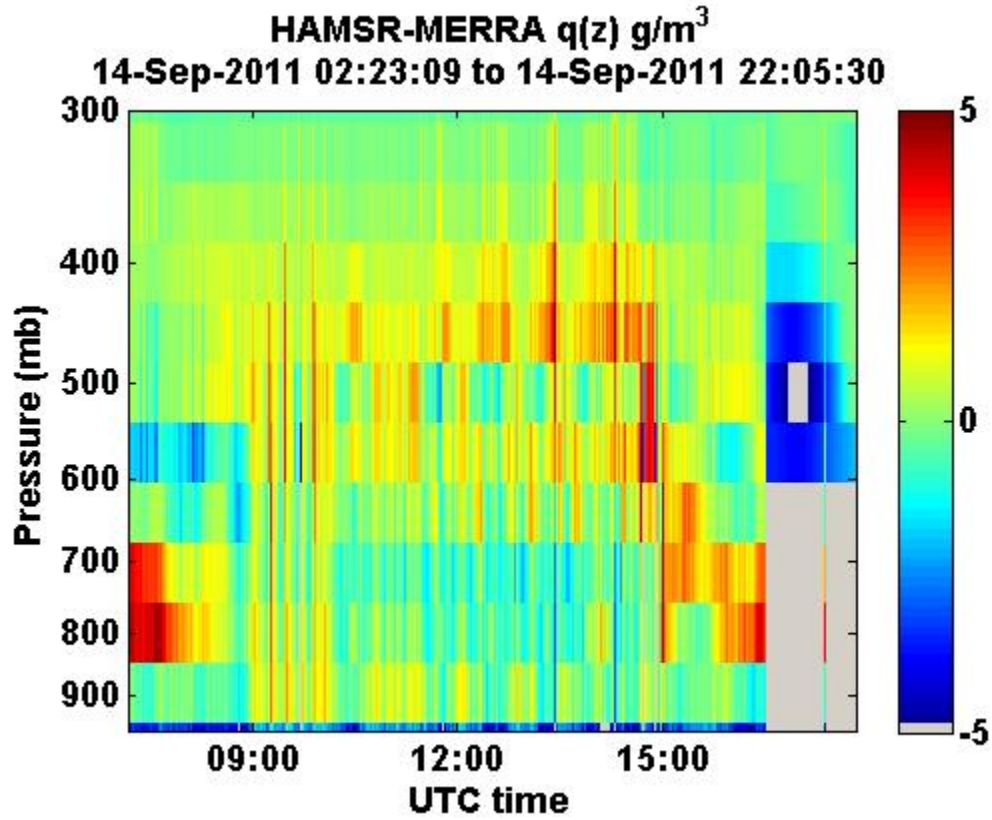
HAMSR-MERRA T(z) °C
14-Sep-2011 02:23:09 to 14-Sep-2011 22:05:30



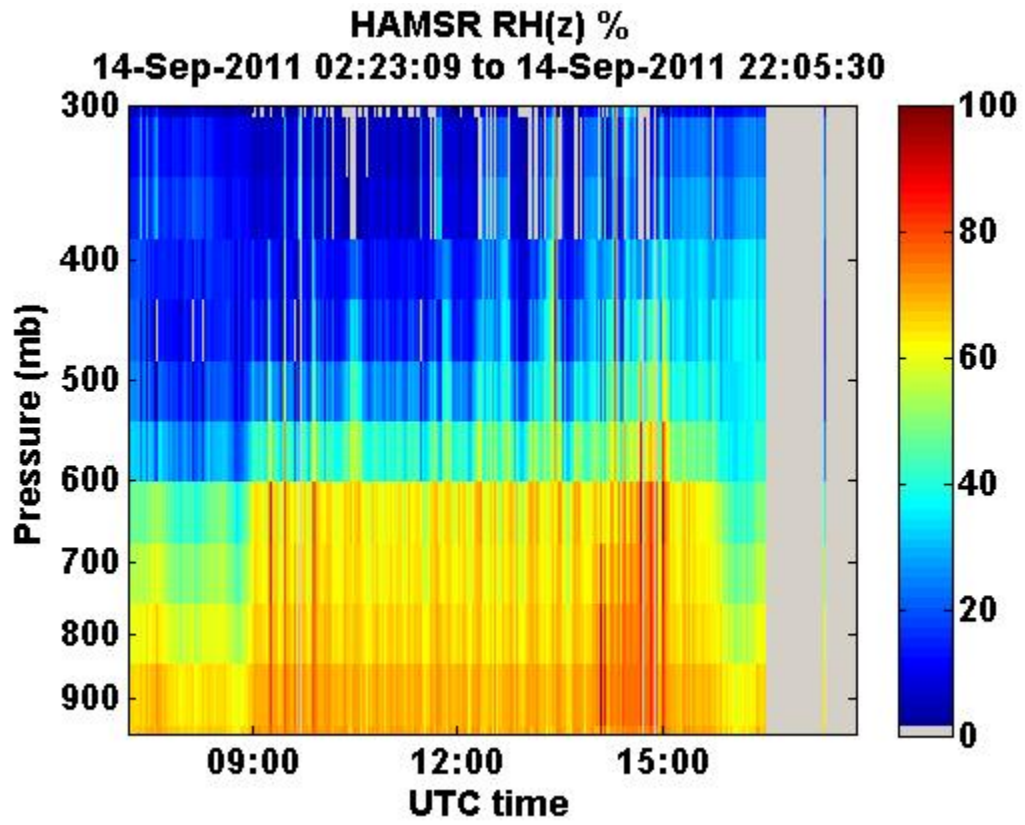


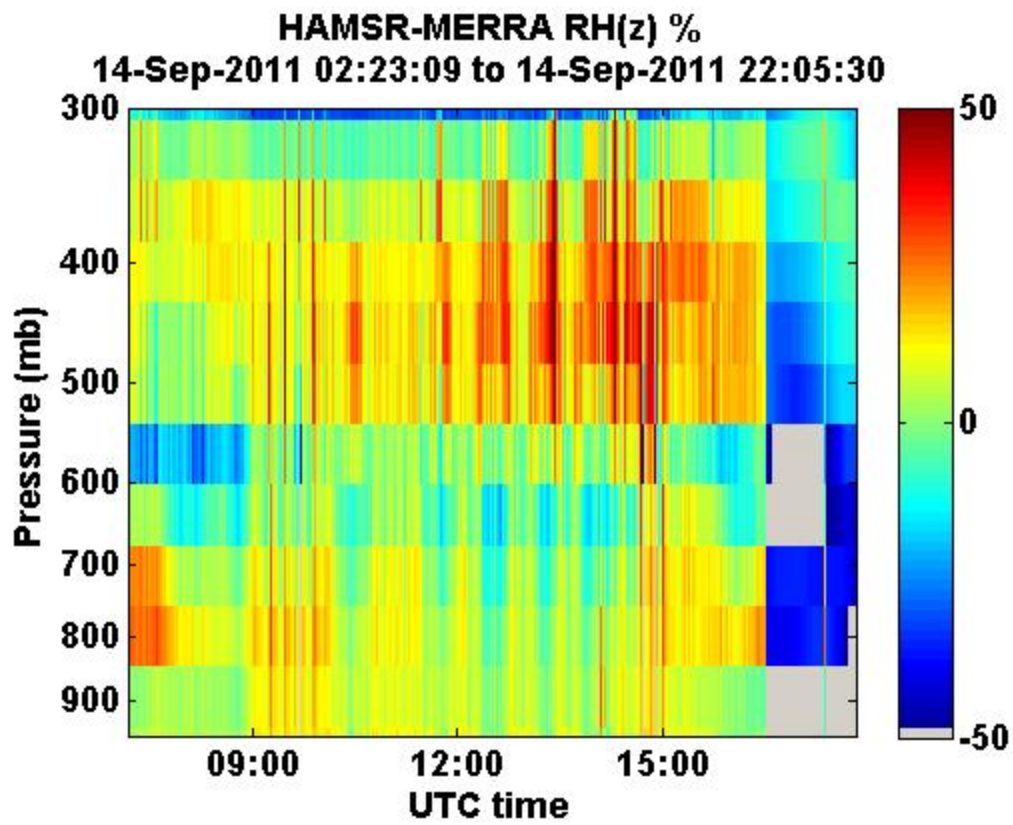
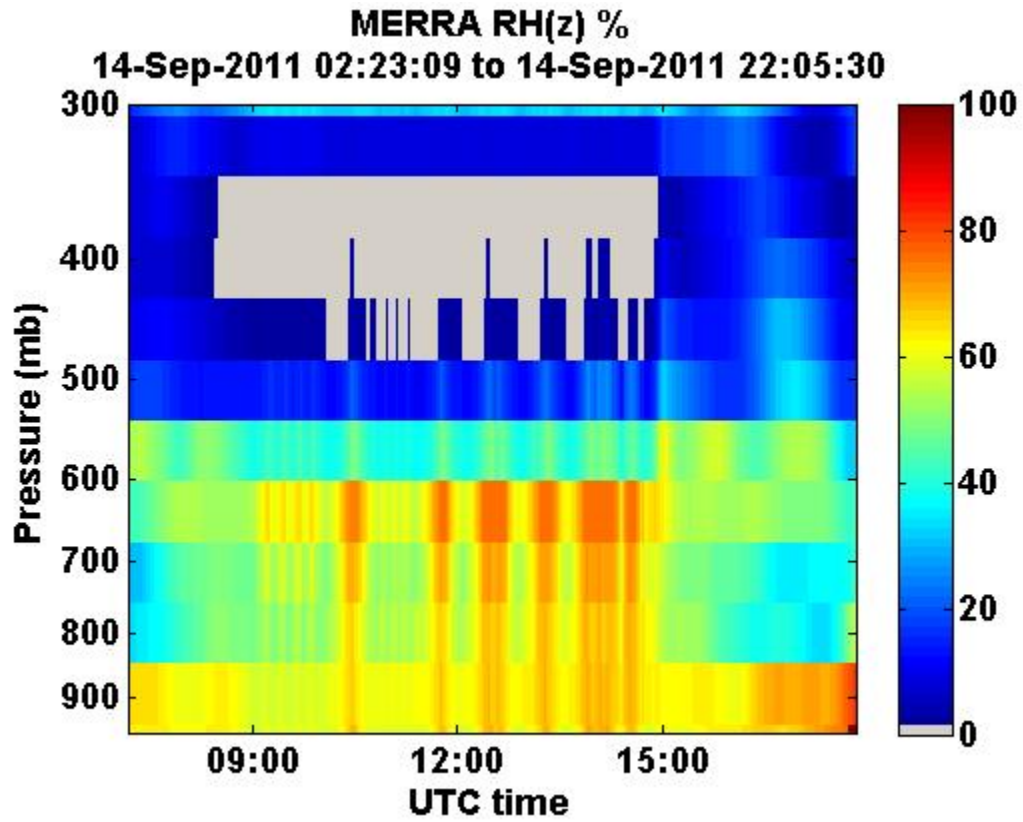
Absolute Humidity with MERRA

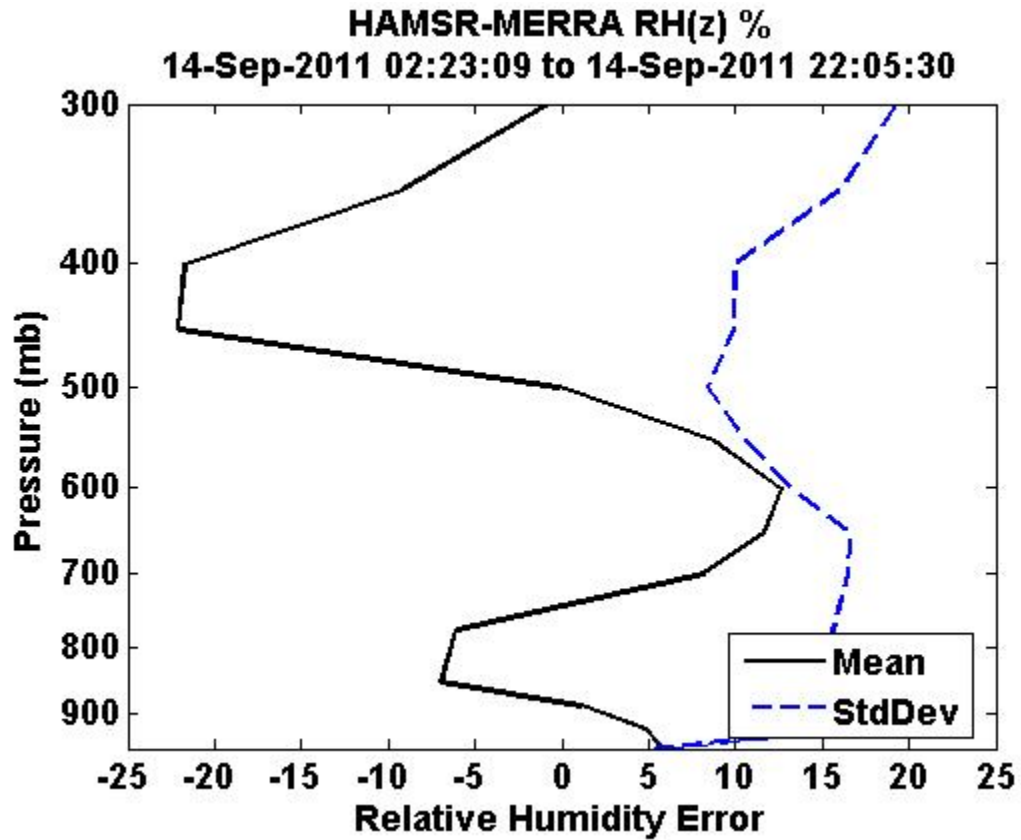




Relative Humidity with MERRA

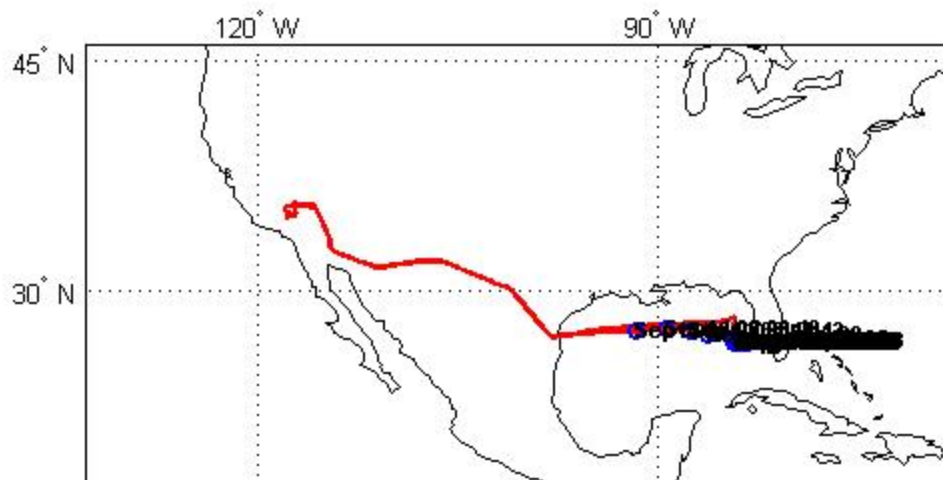
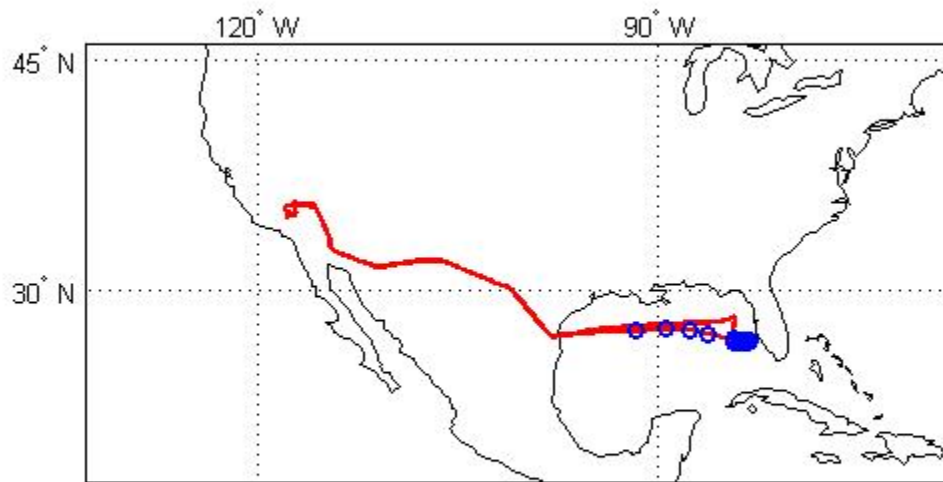




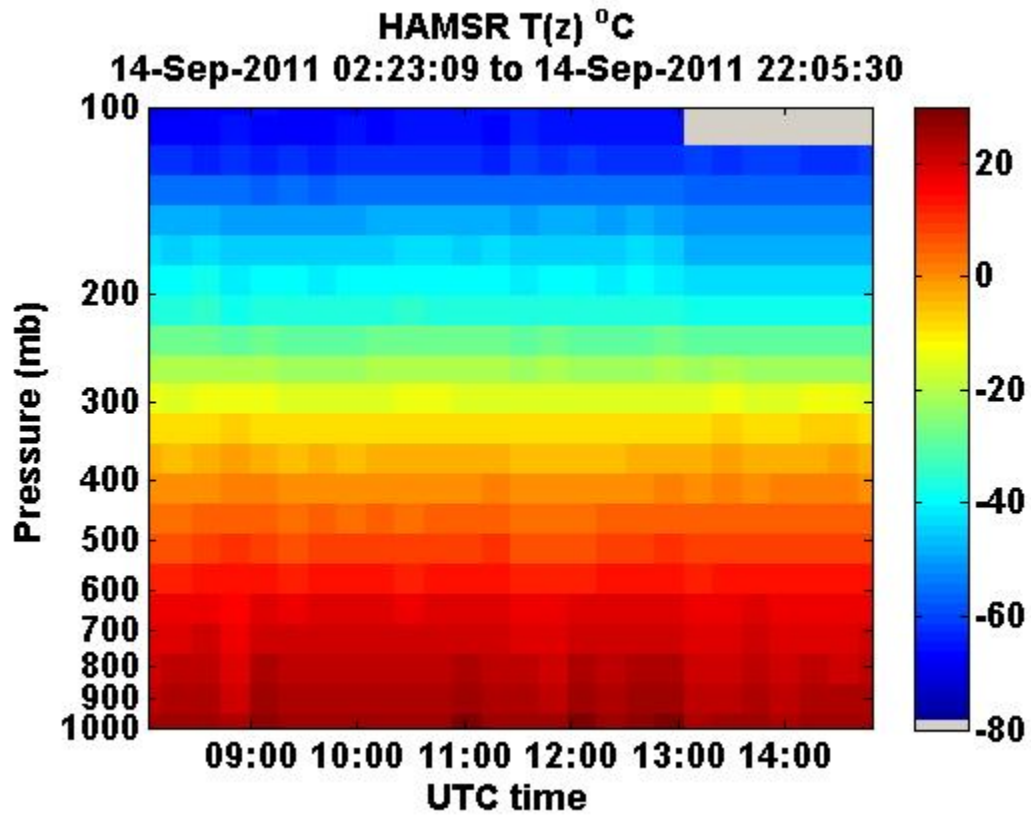


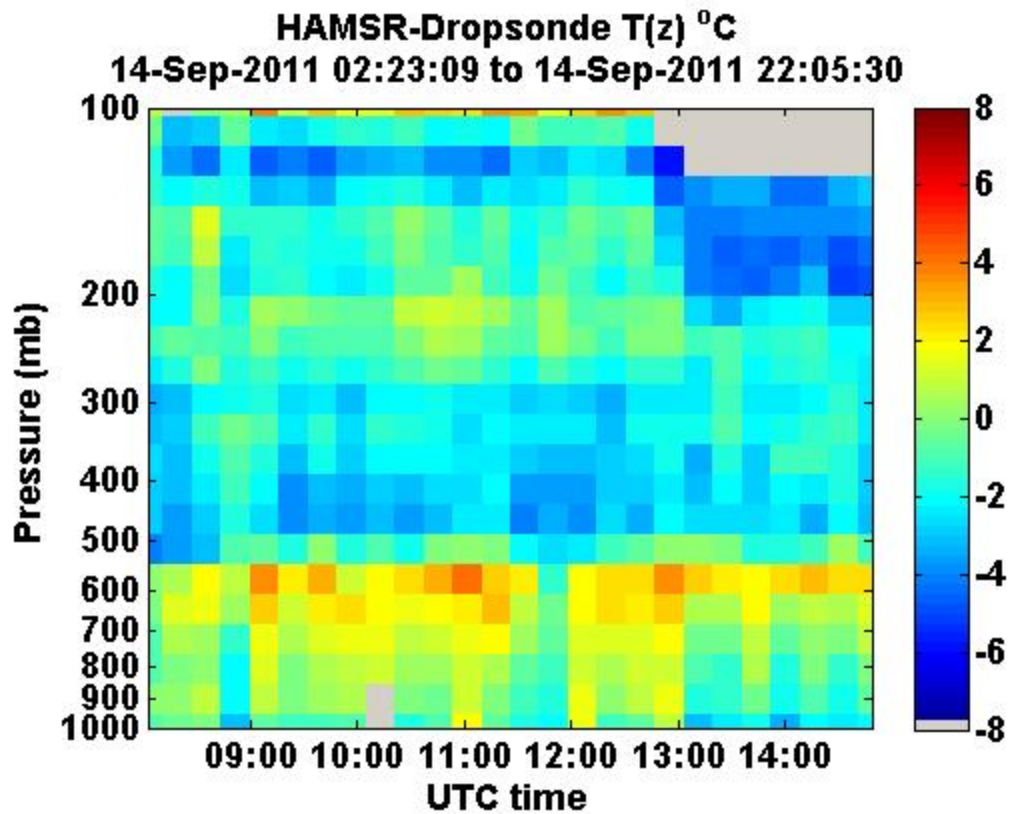
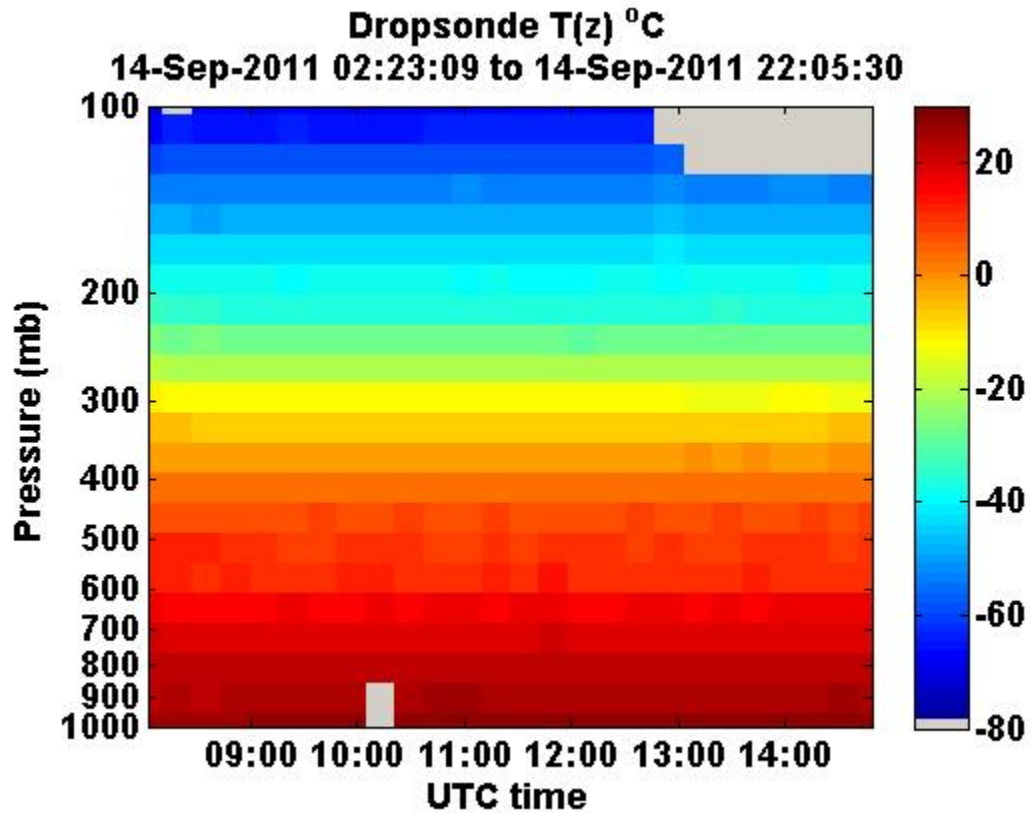
Dropsonde comparisons

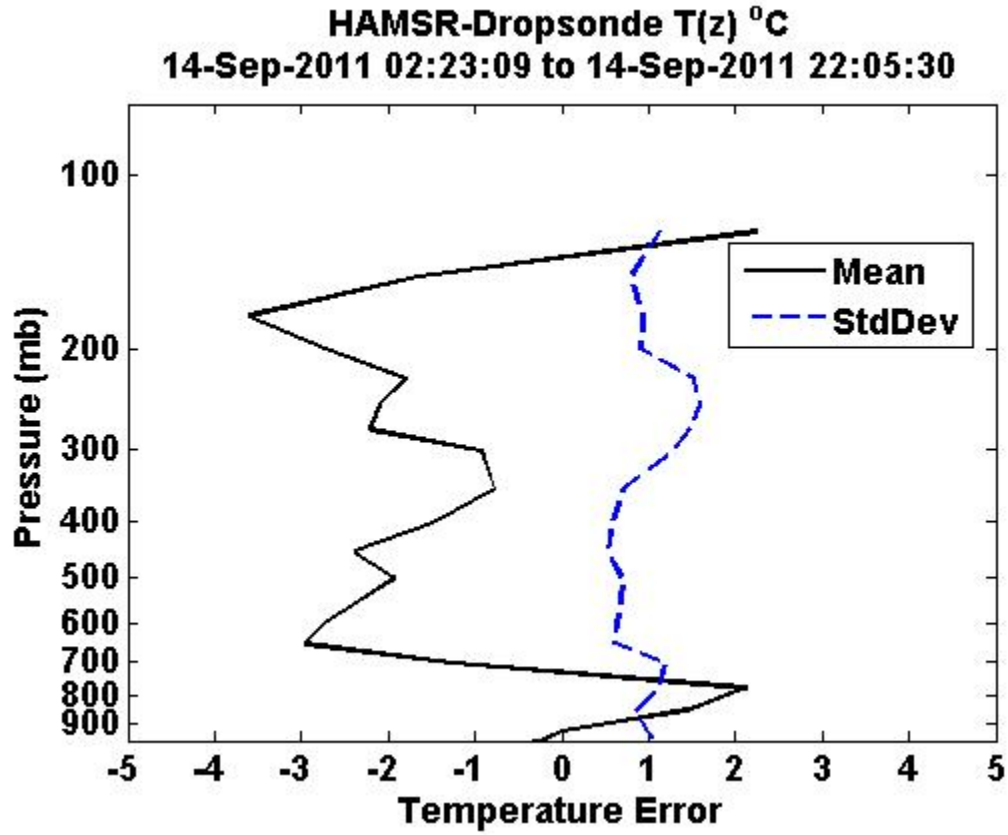
Dropsonde locations



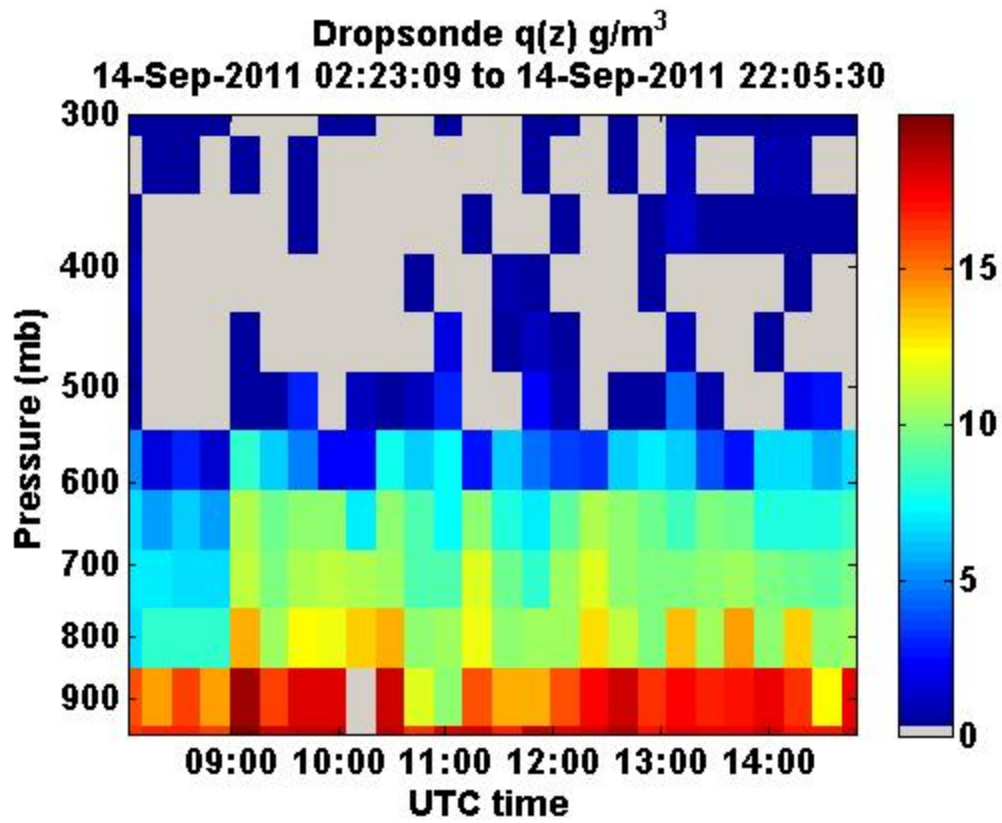
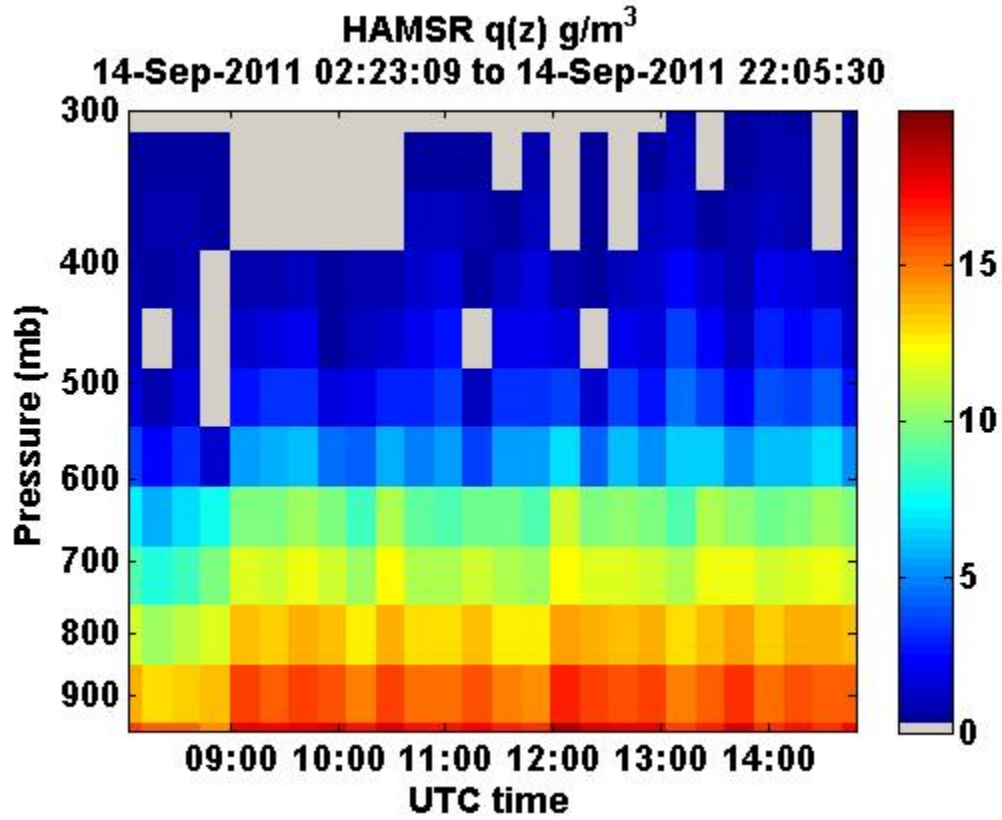
Temperature with Dropsondes

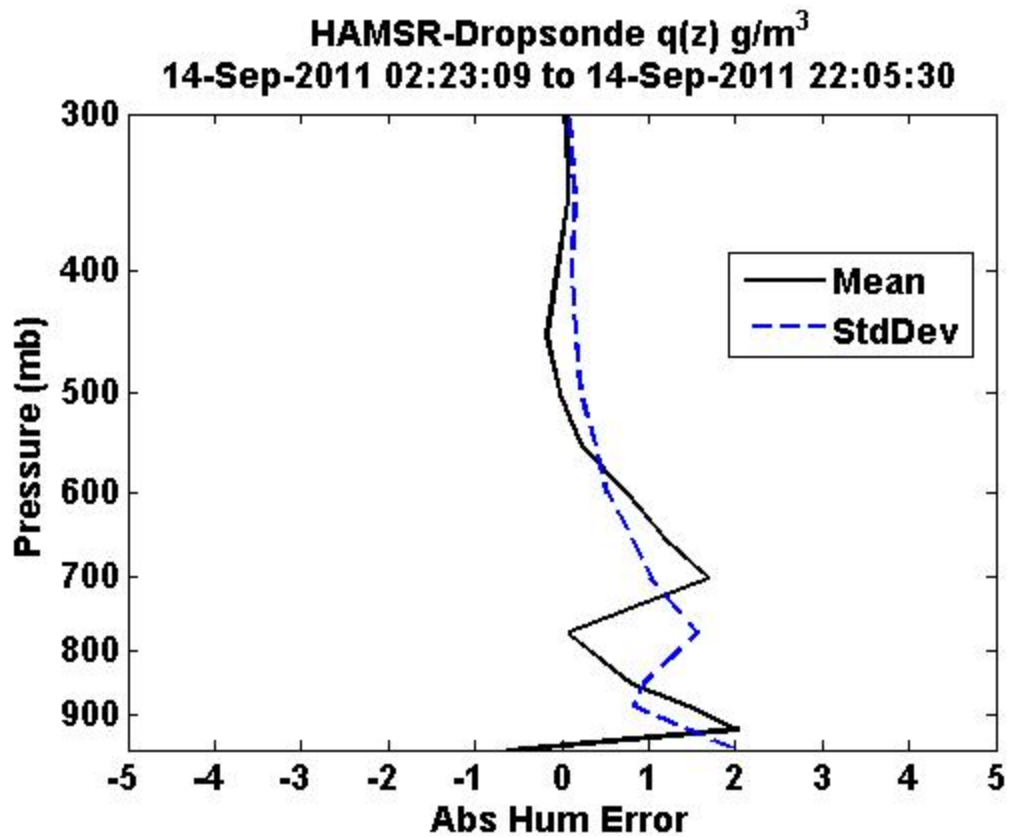
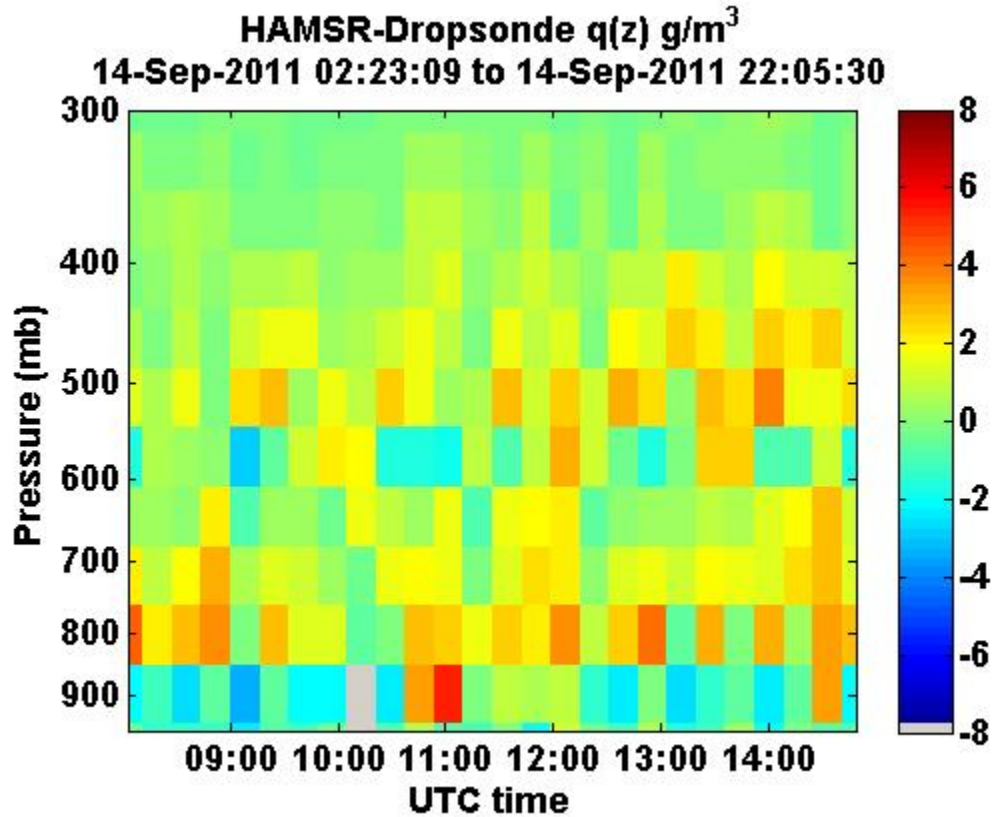




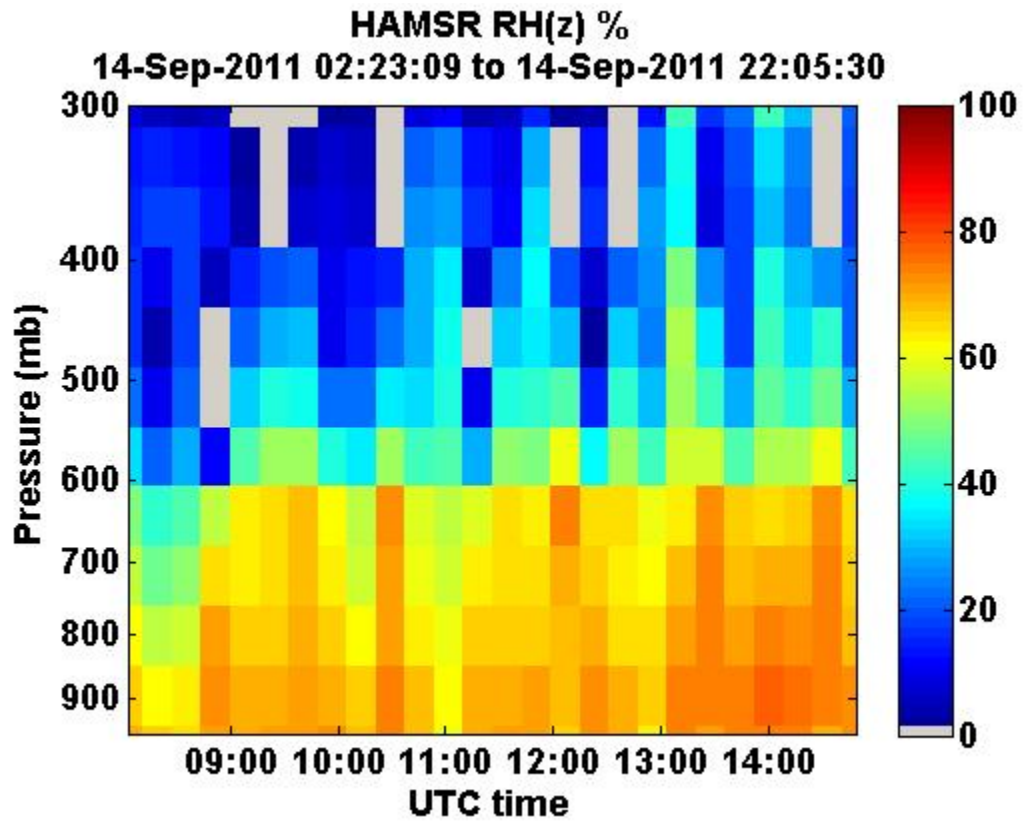


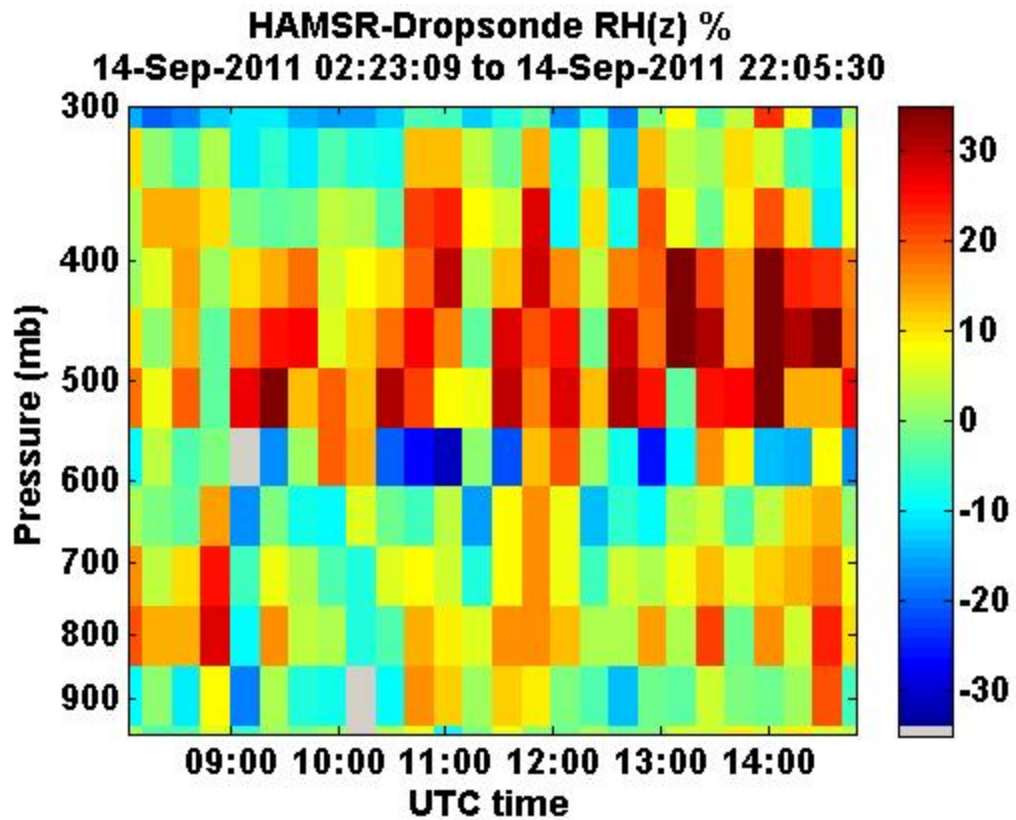
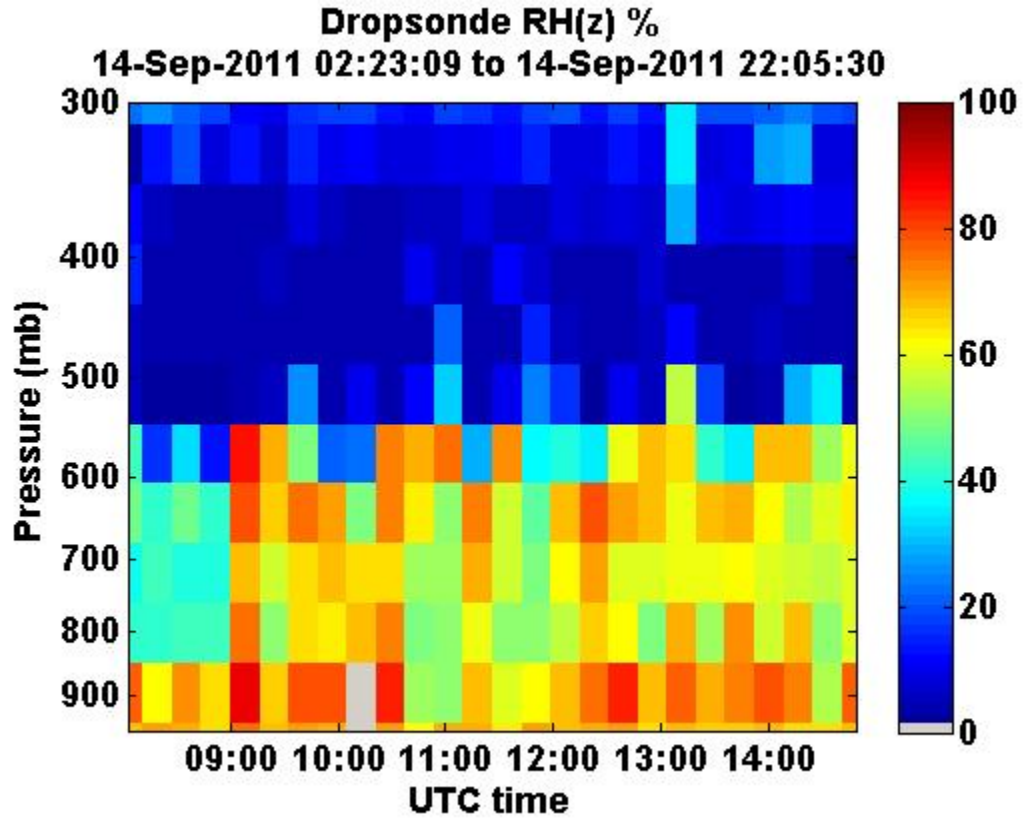
Absolute Humidity with Dropsondes

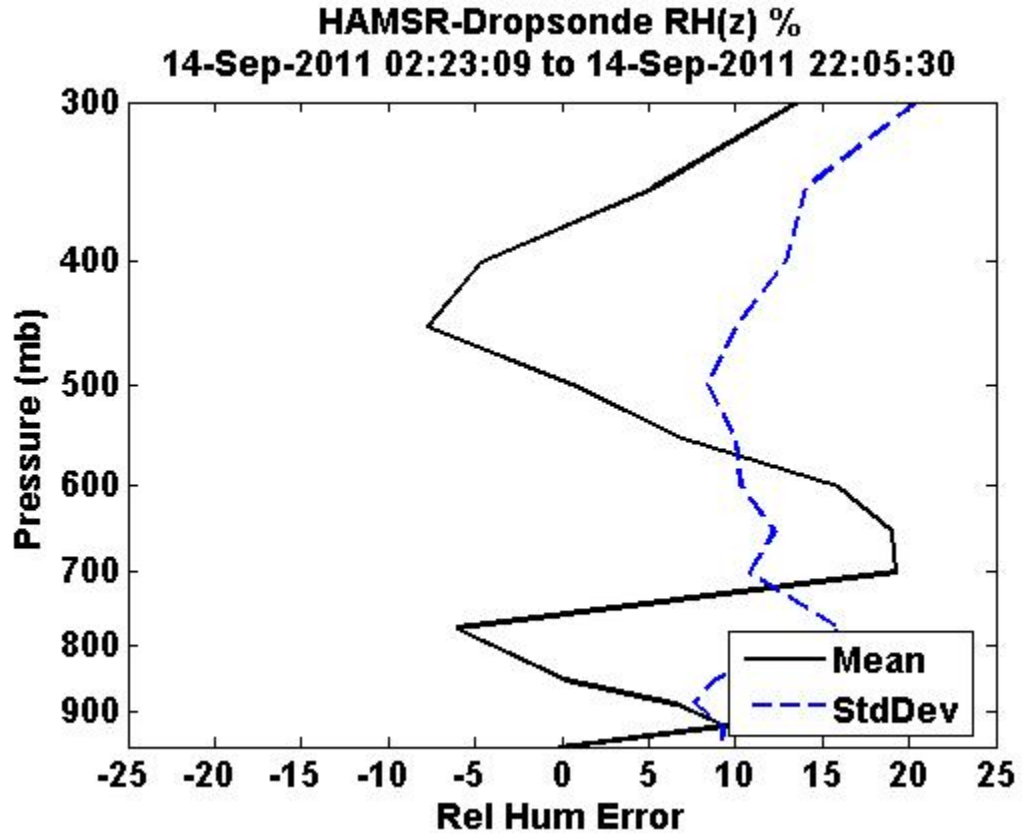




Relative Humidity with Dropsondes



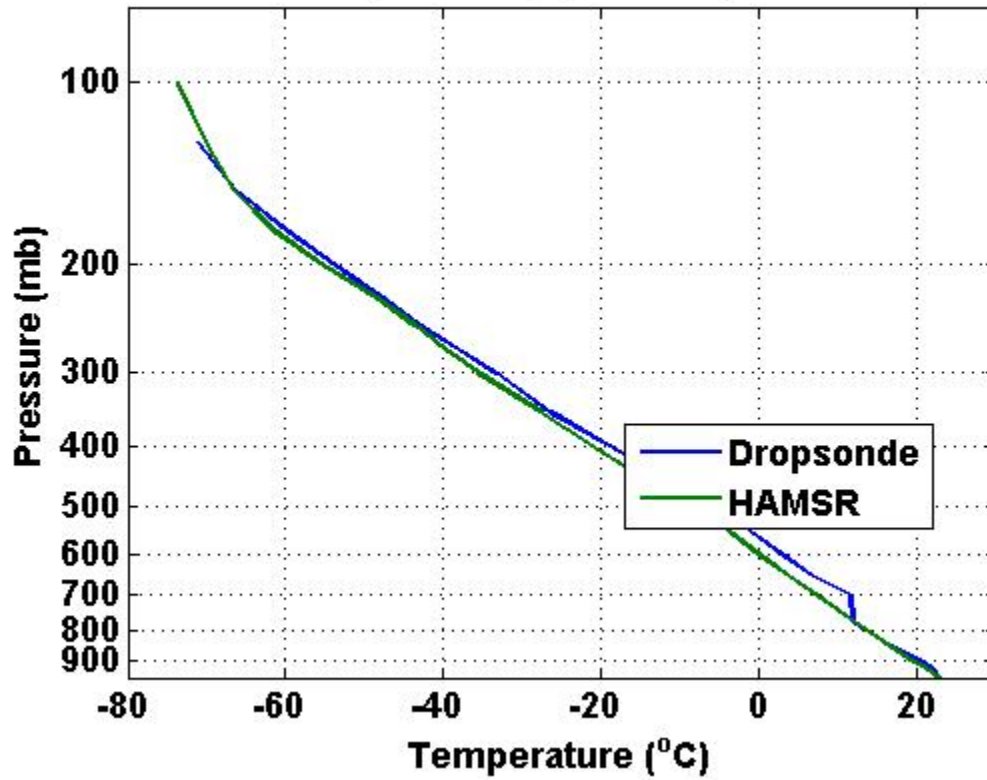




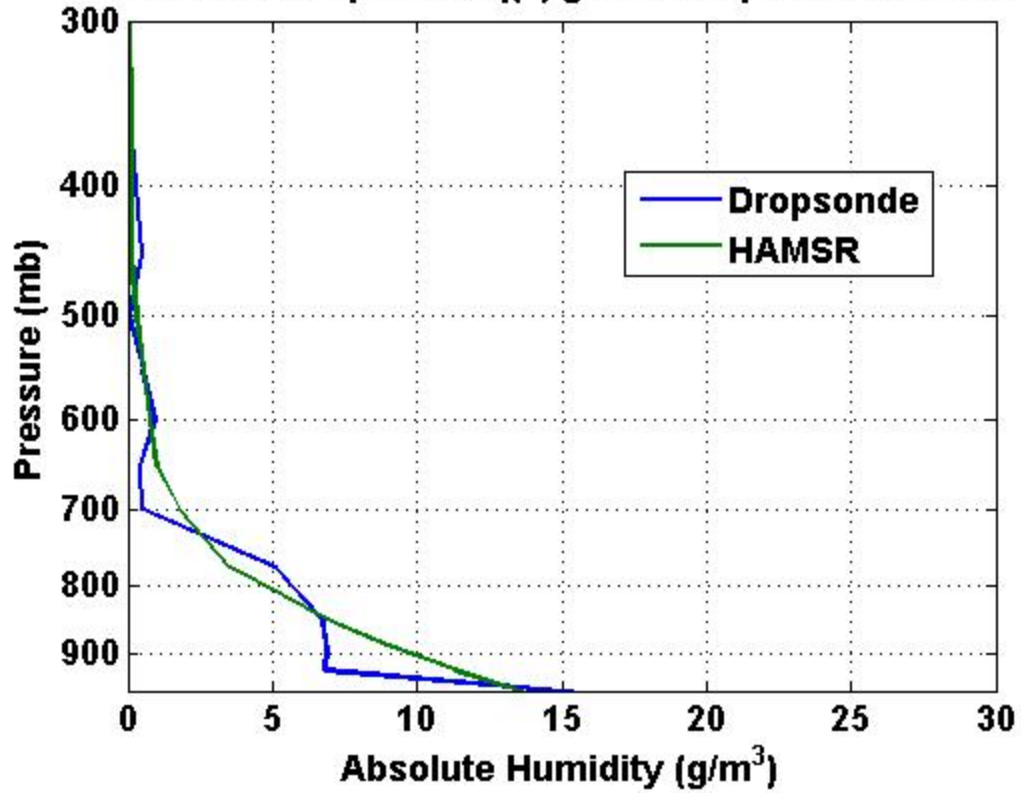
All Dropsonde Comparisons

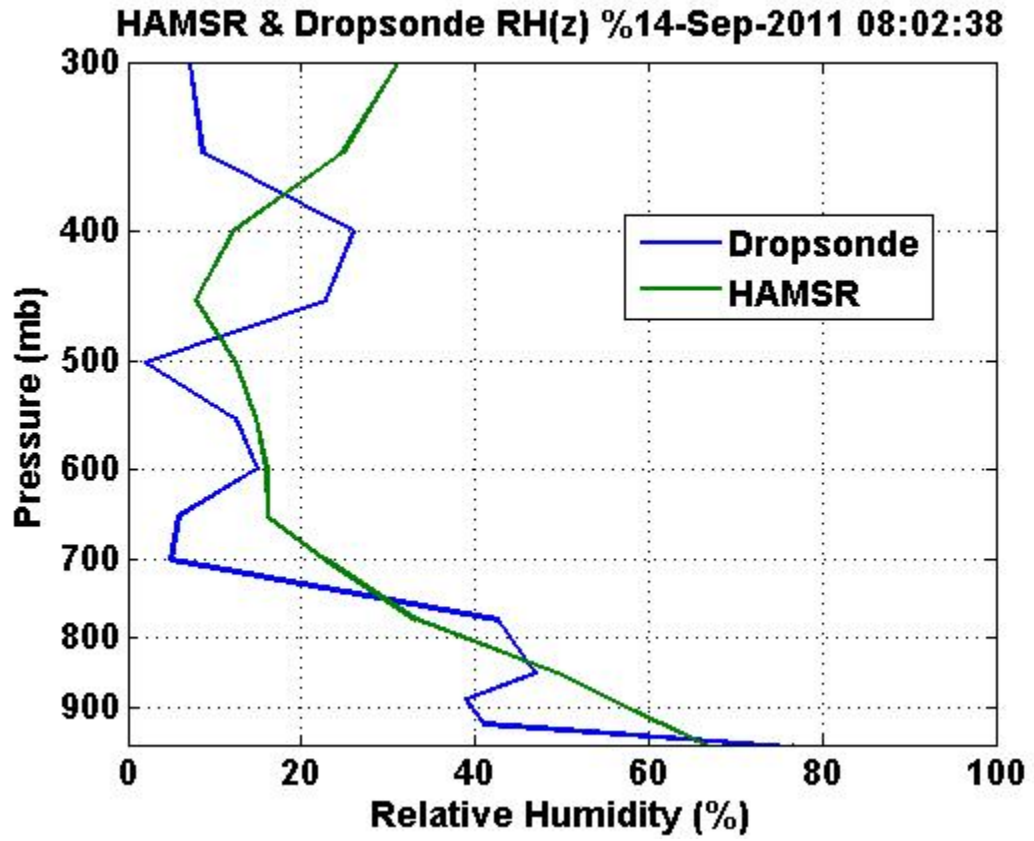
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HAMSR & Dropsonde T(z) °C 14-Sep-2011 08:02:38



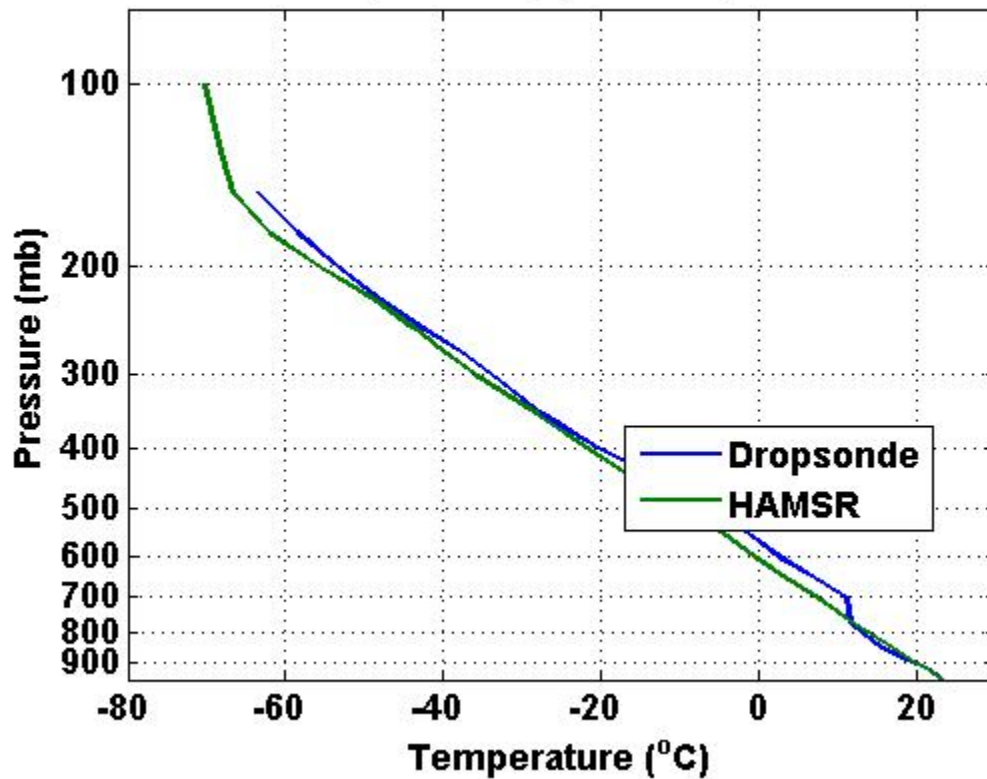
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 08:02:38



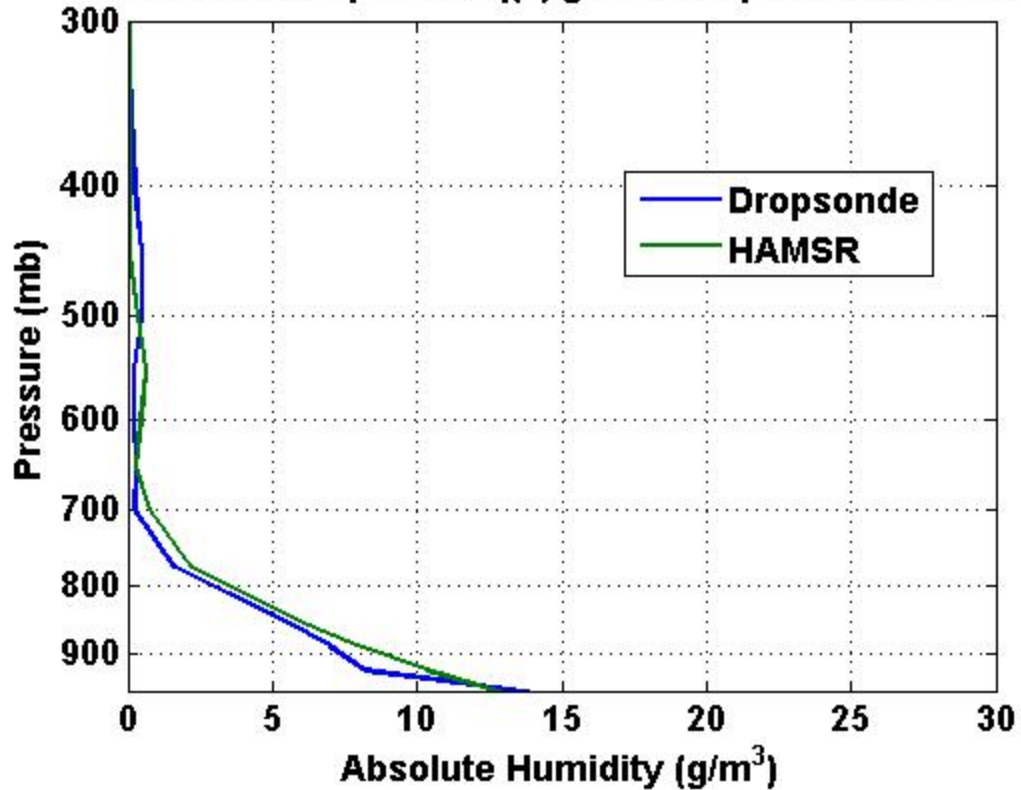


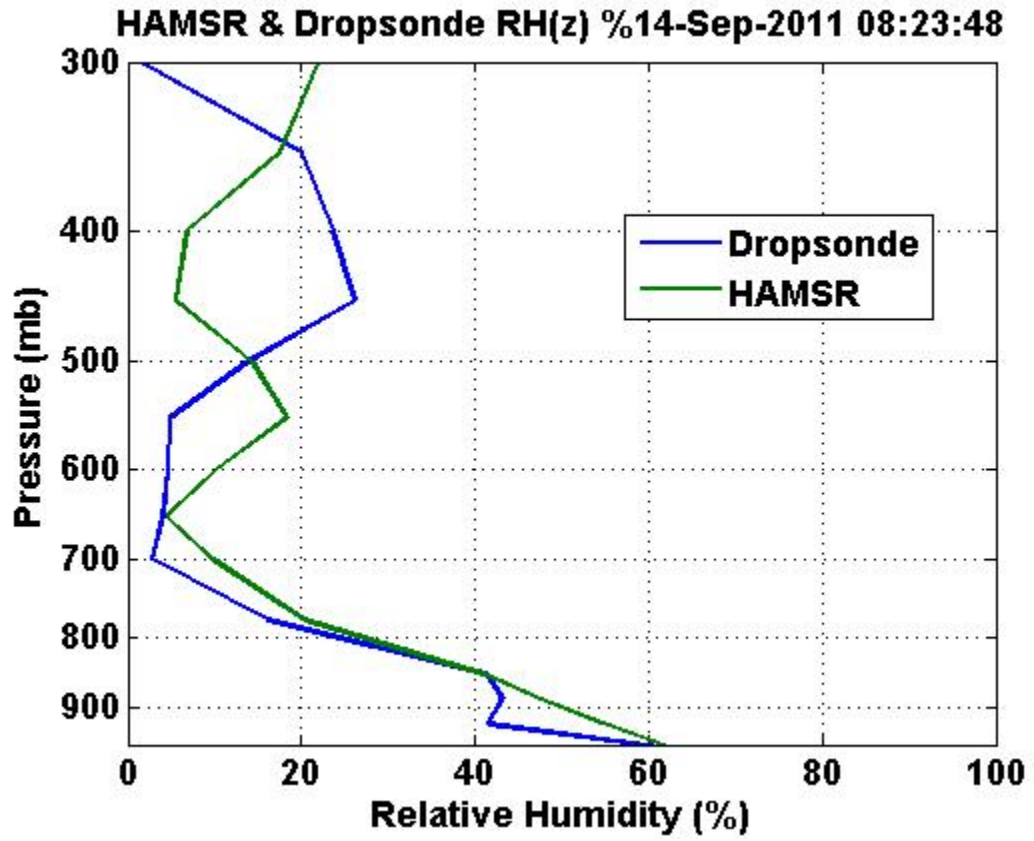
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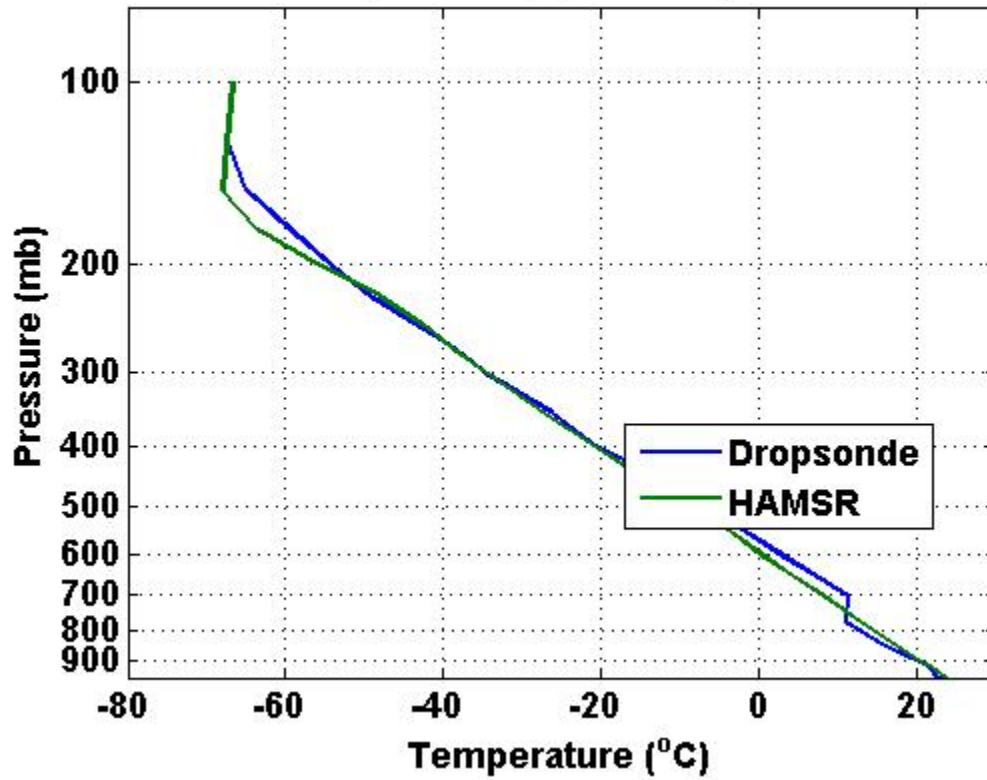
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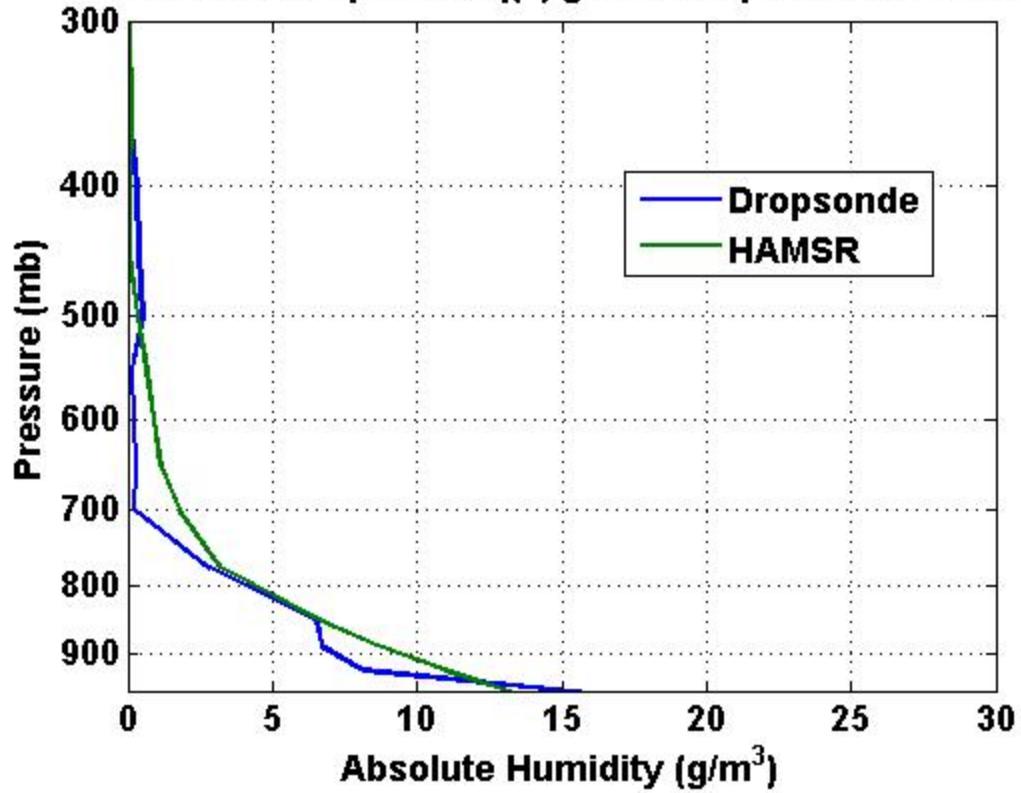


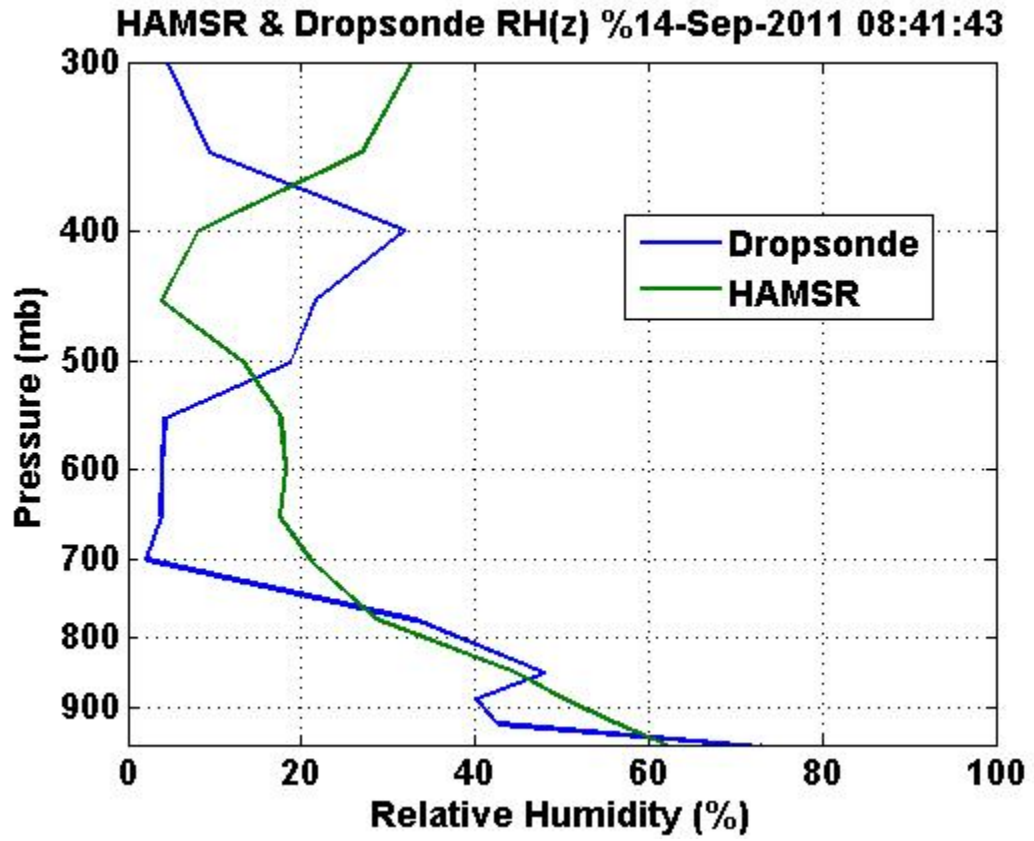
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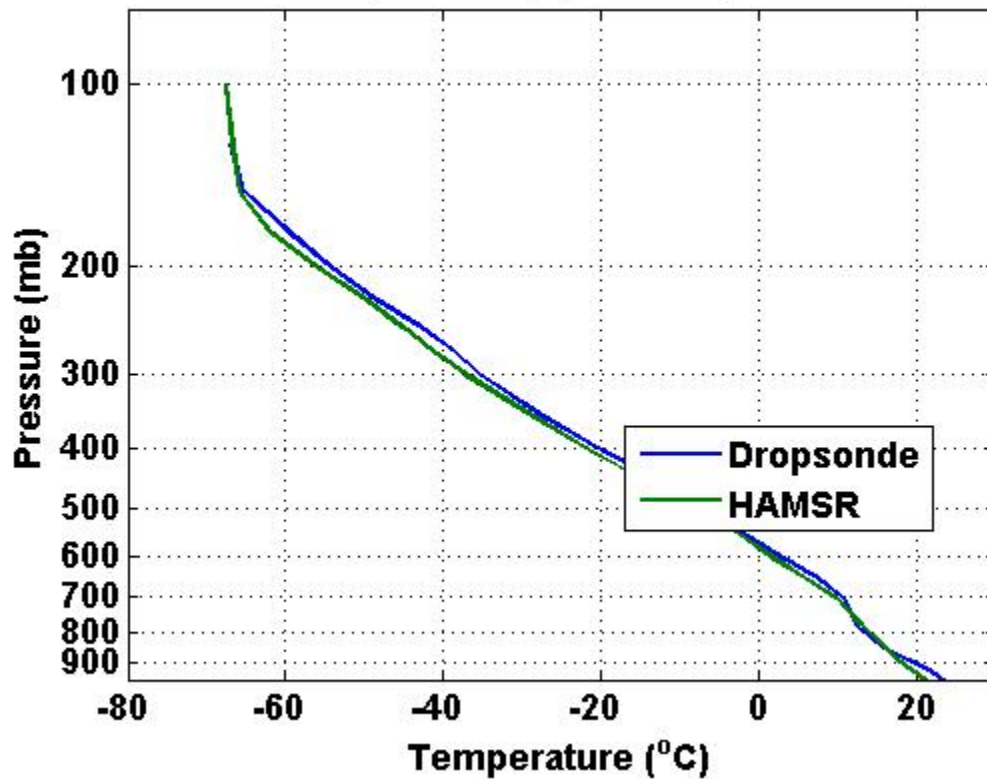
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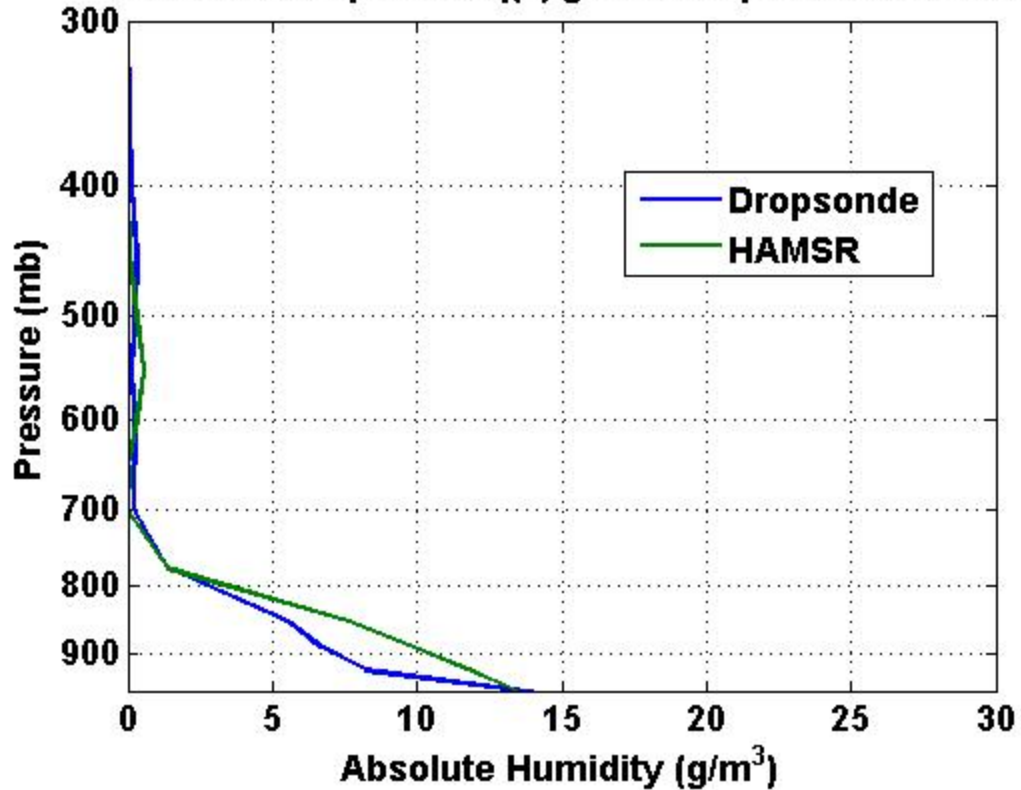


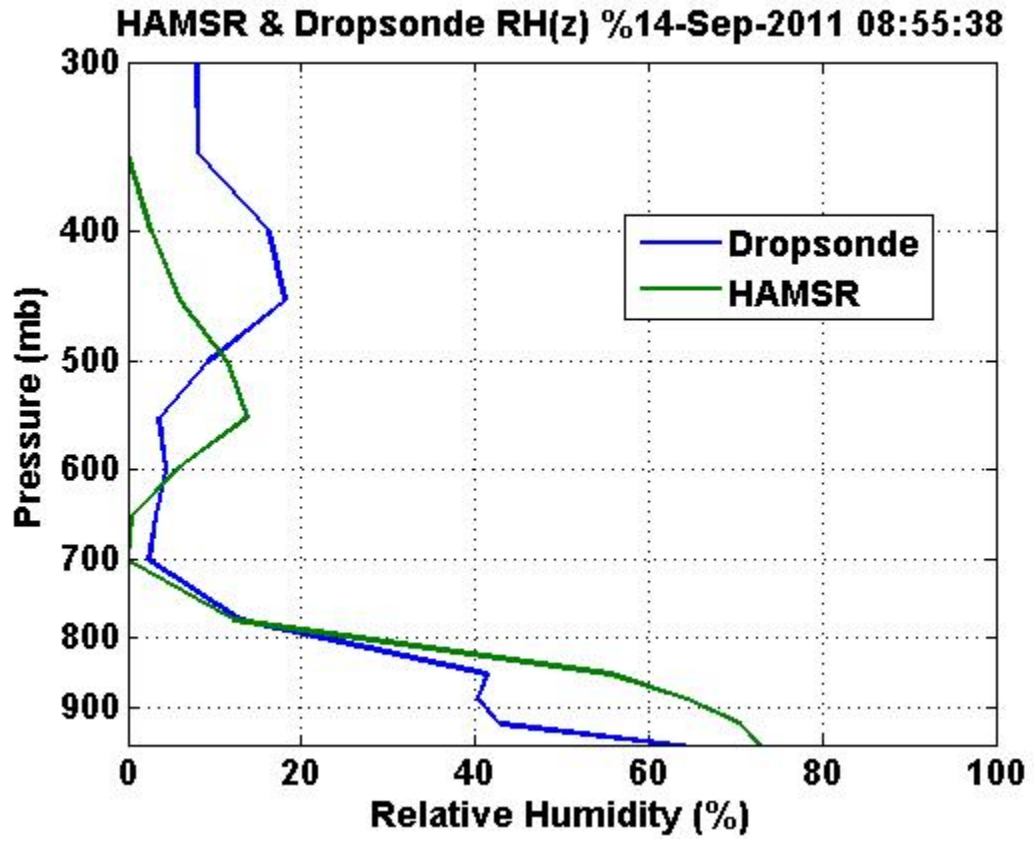
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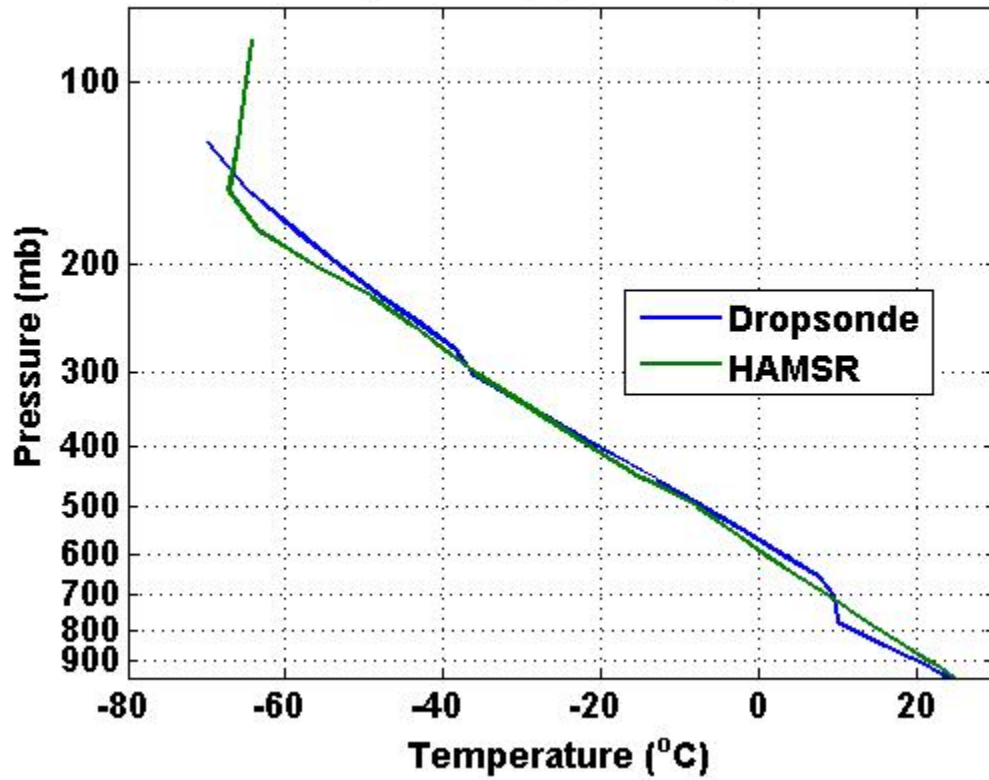
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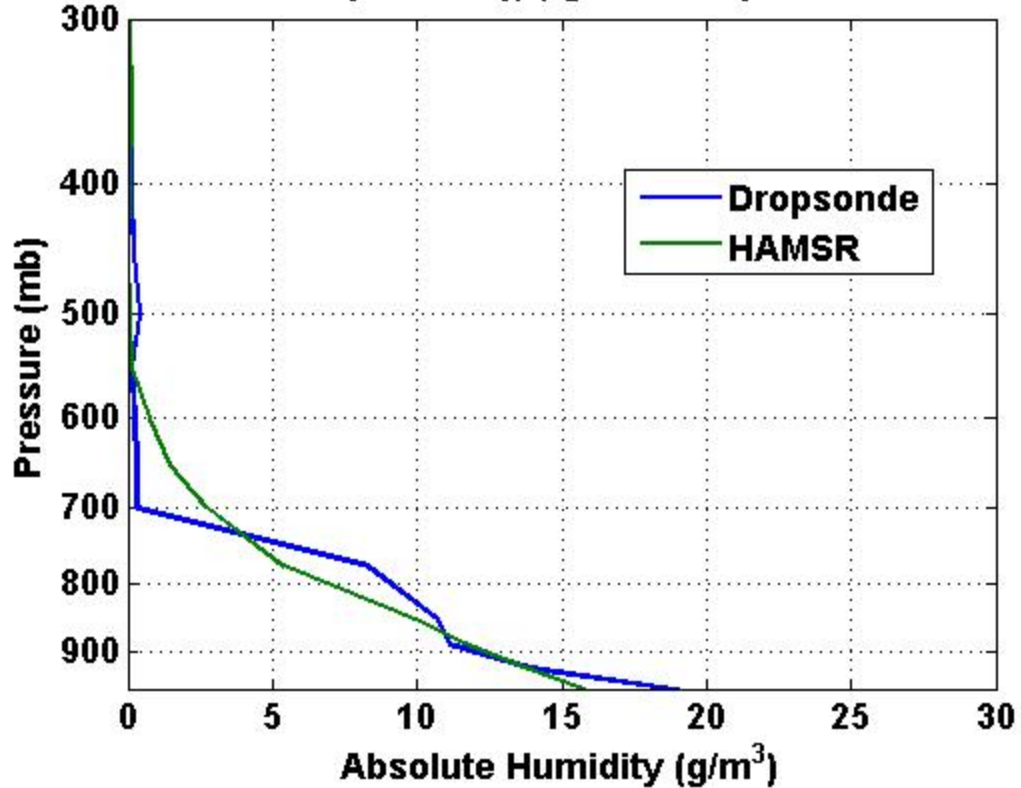


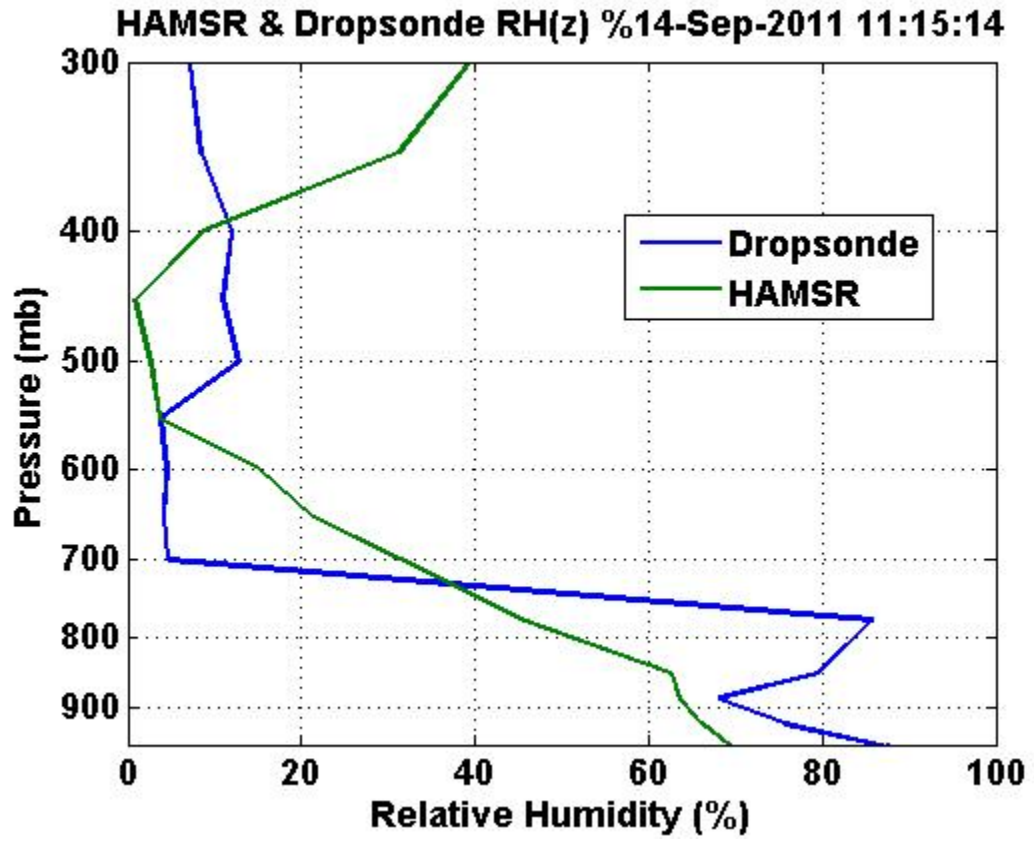
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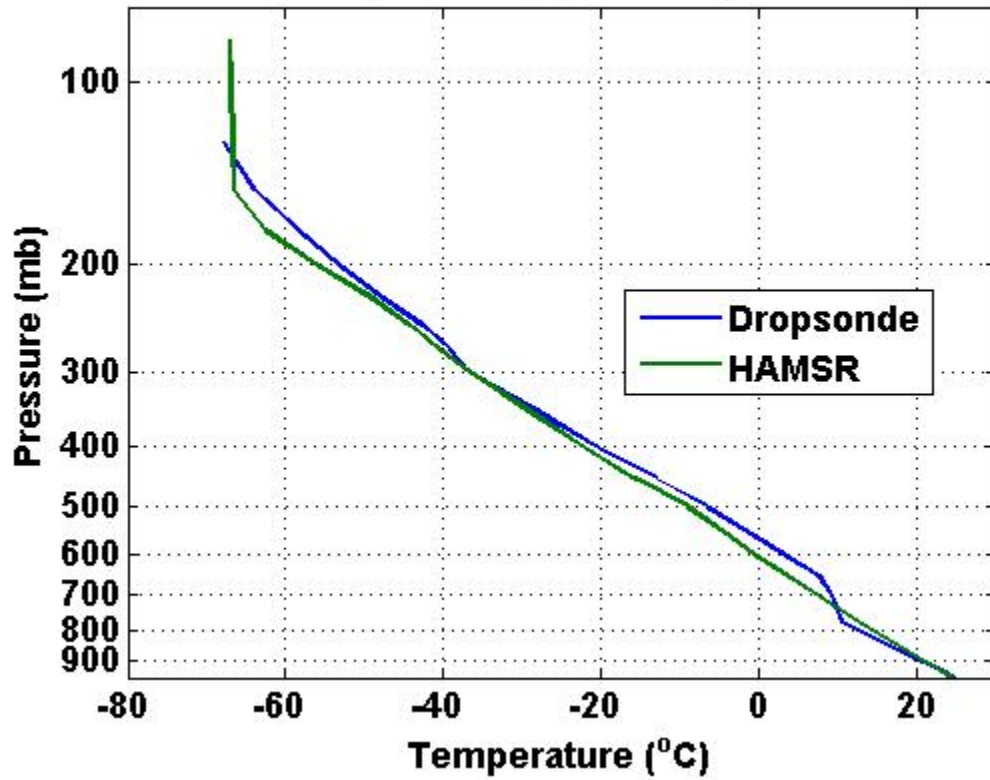
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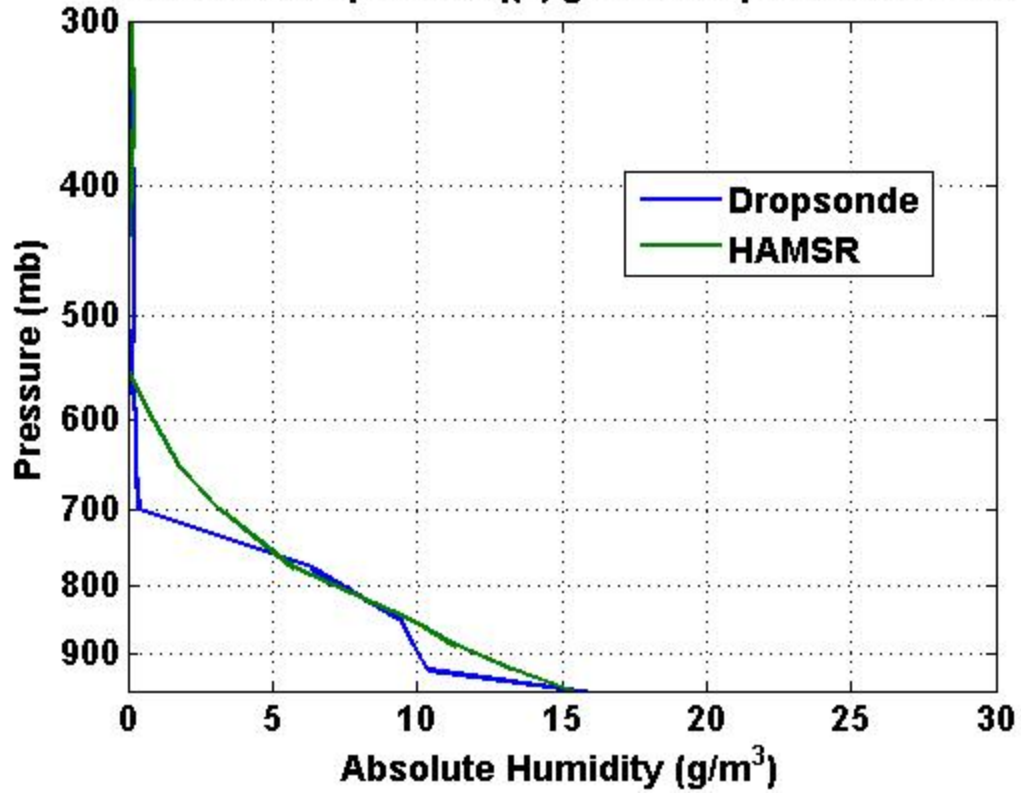


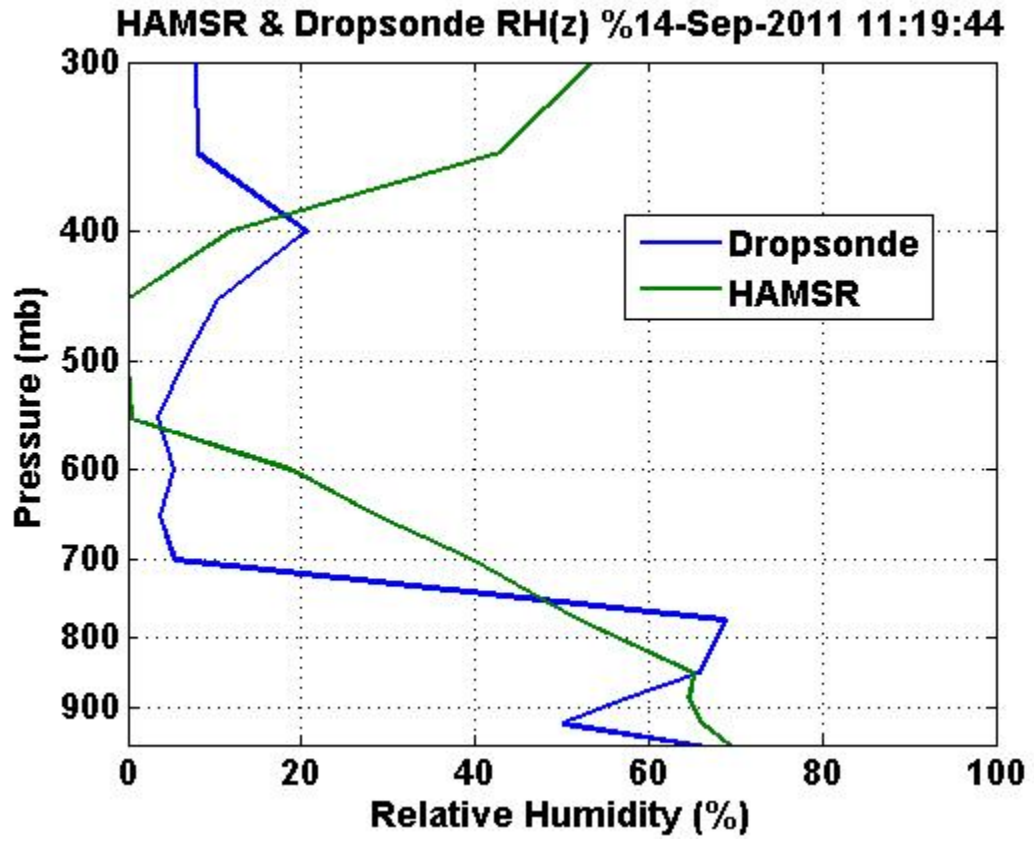
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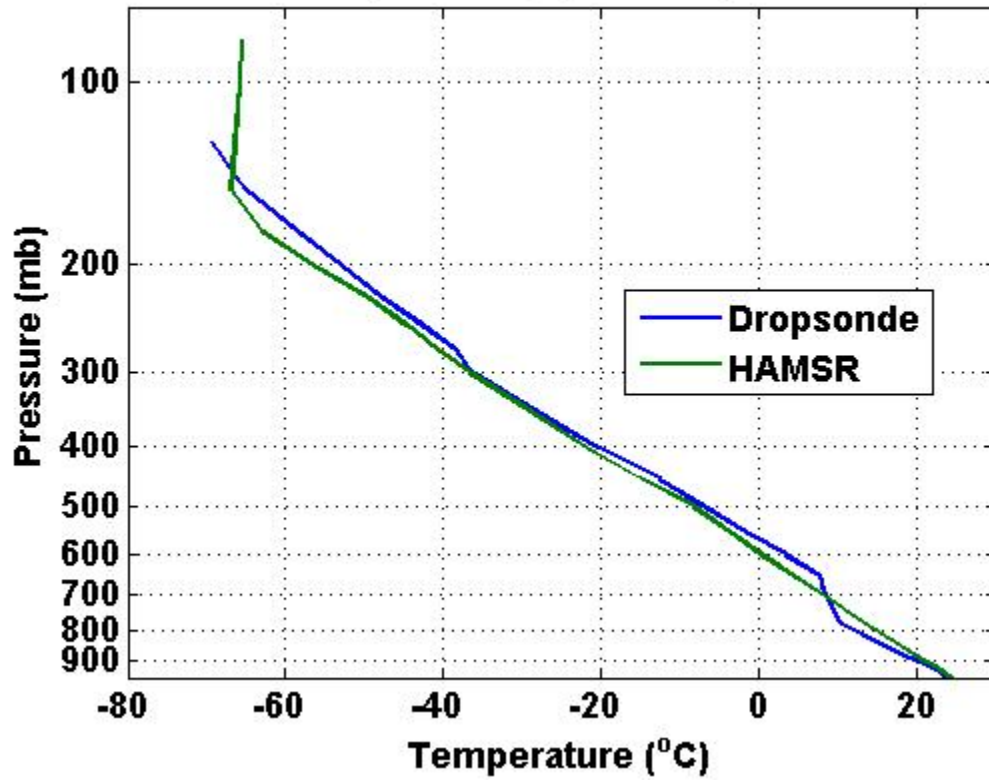
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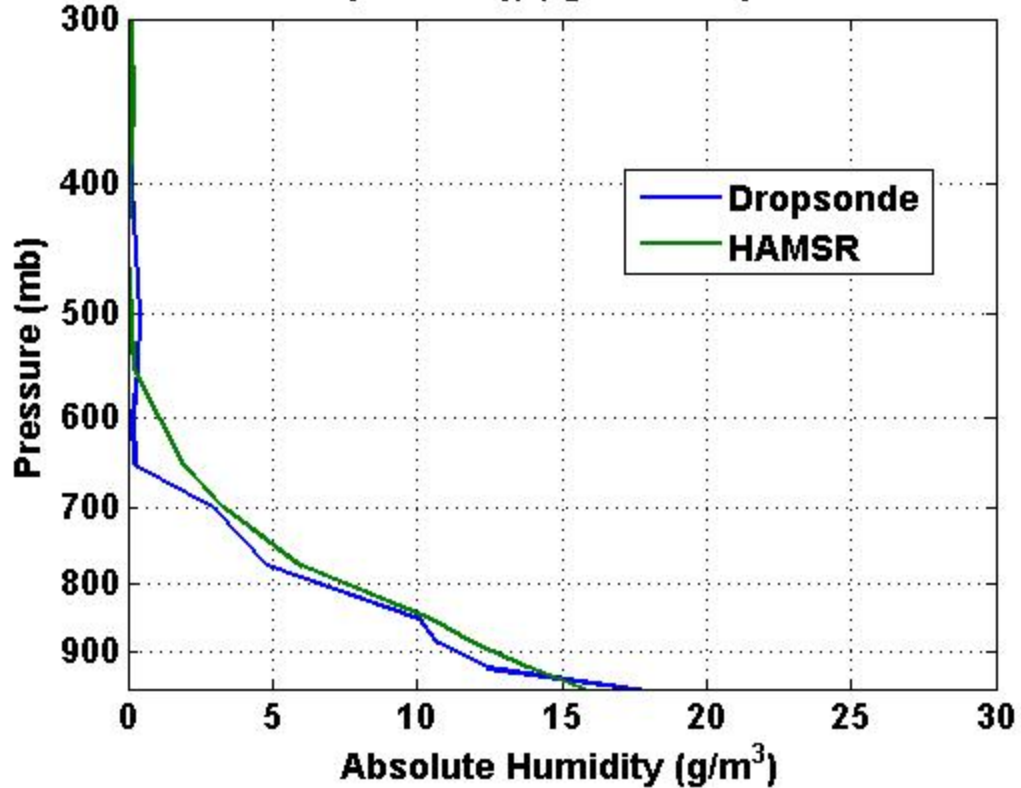


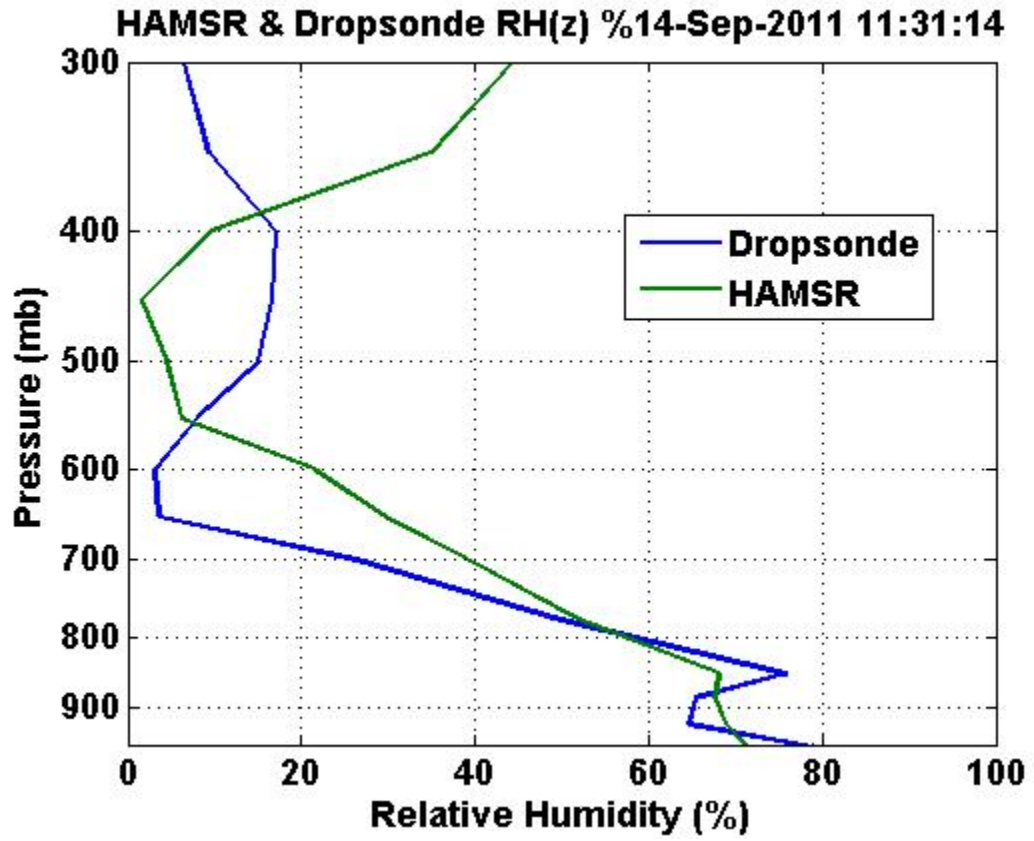
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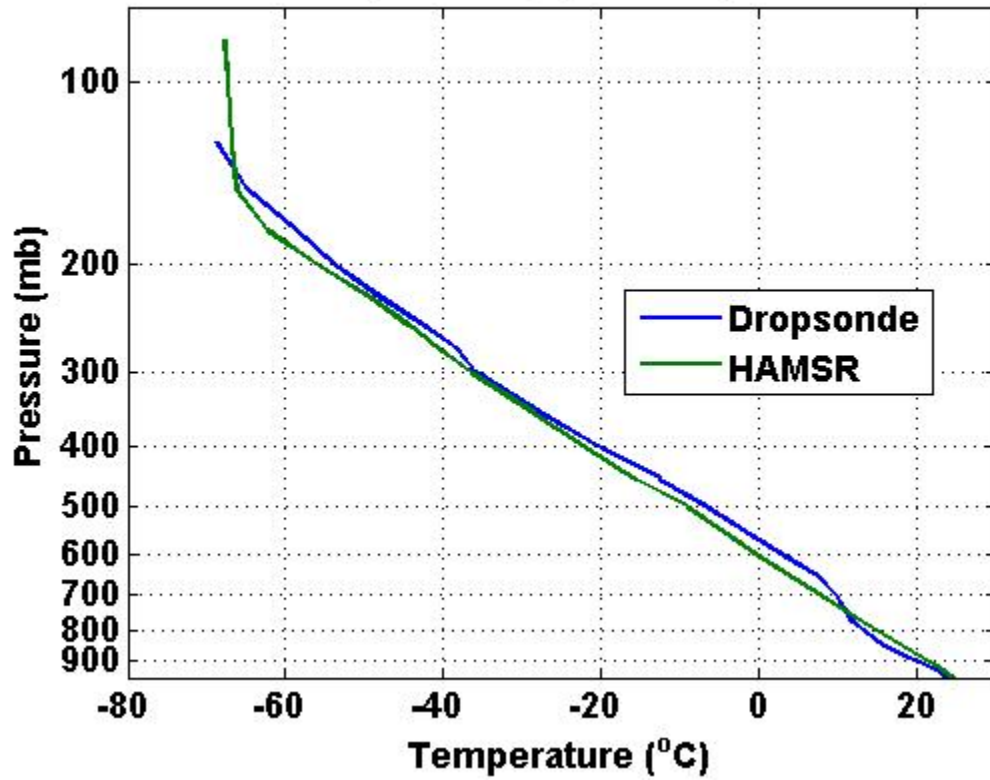
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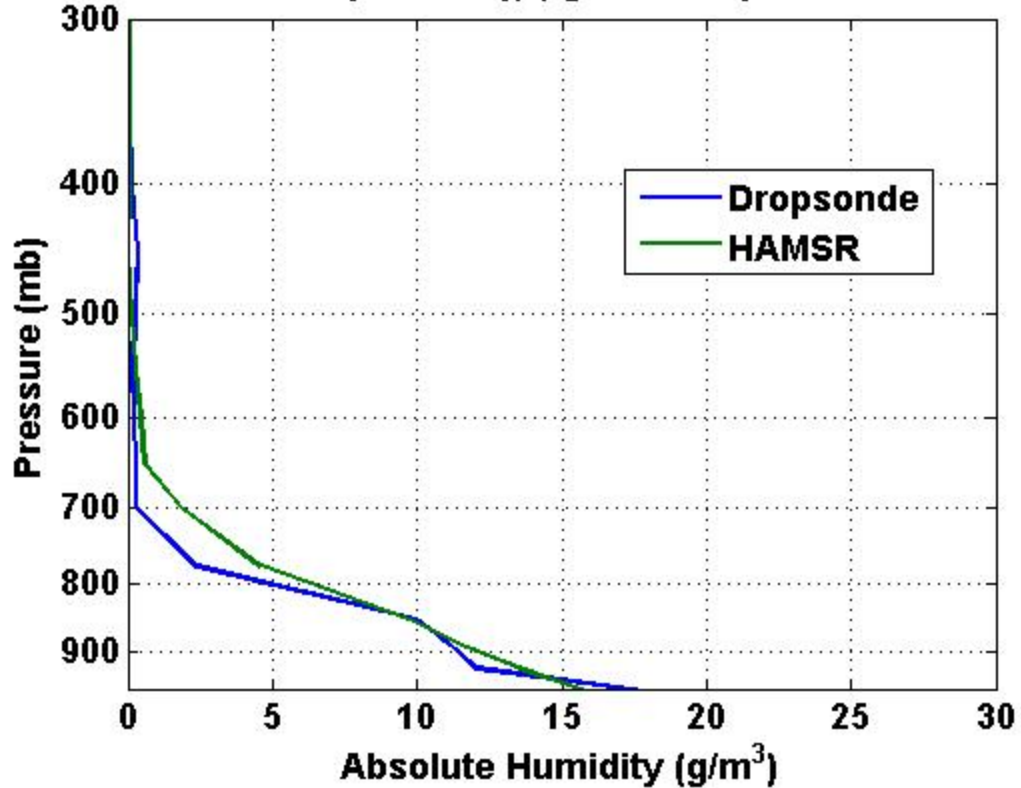


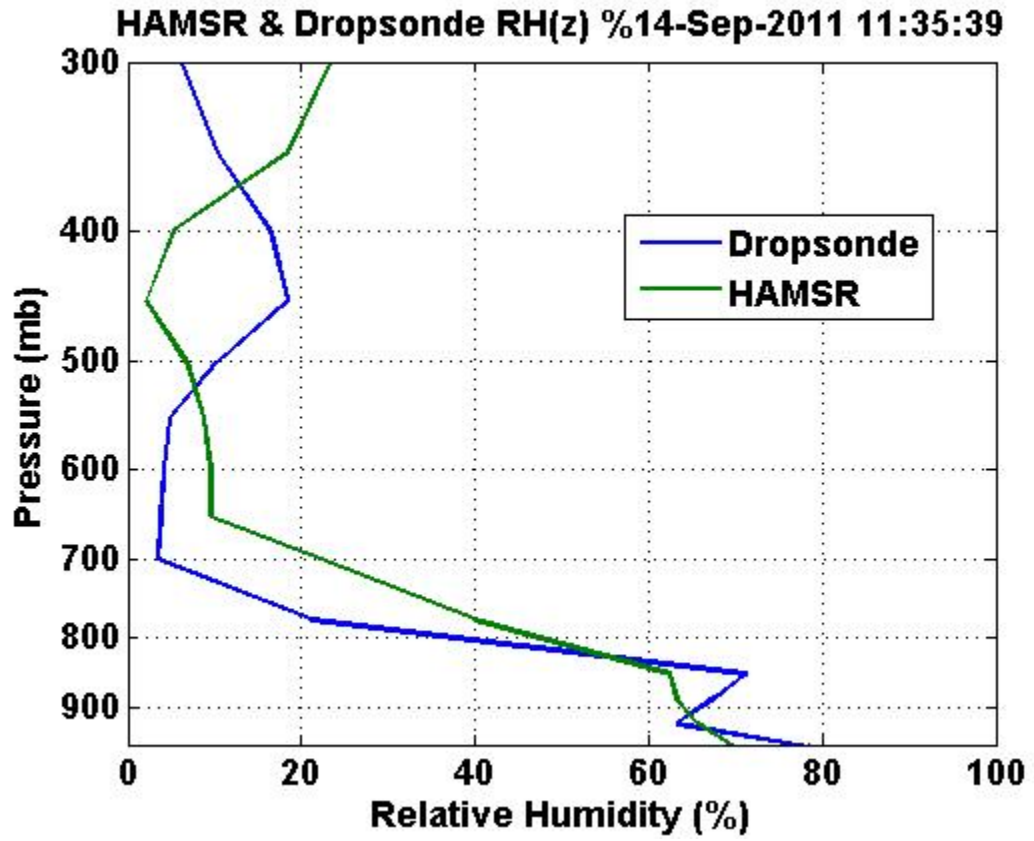
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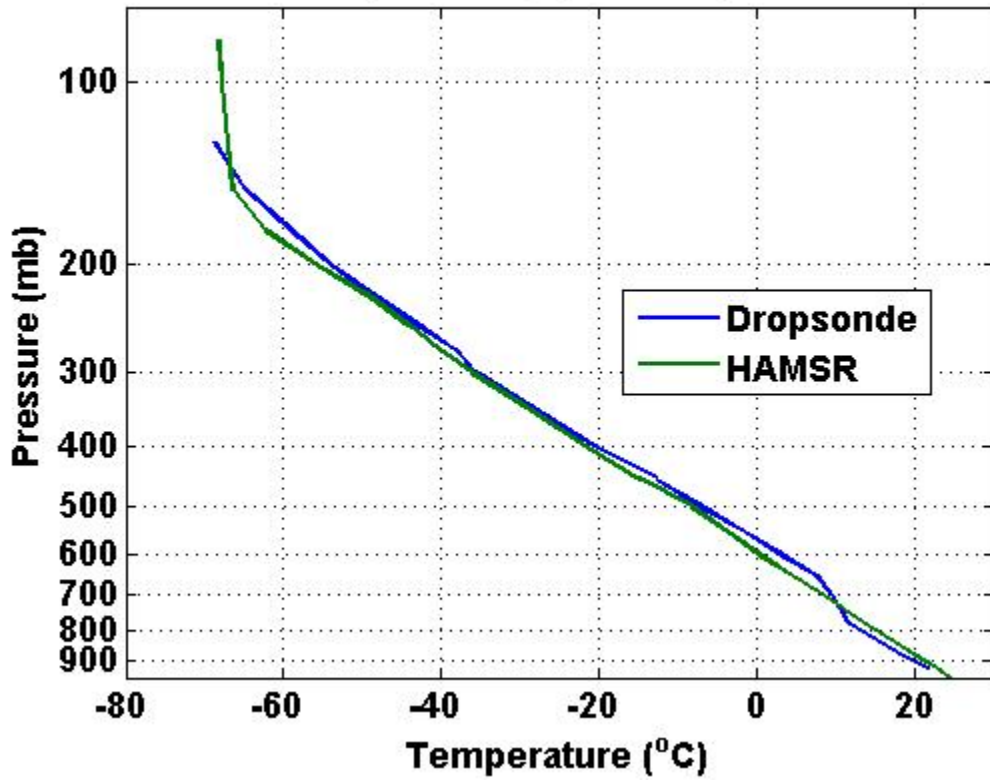
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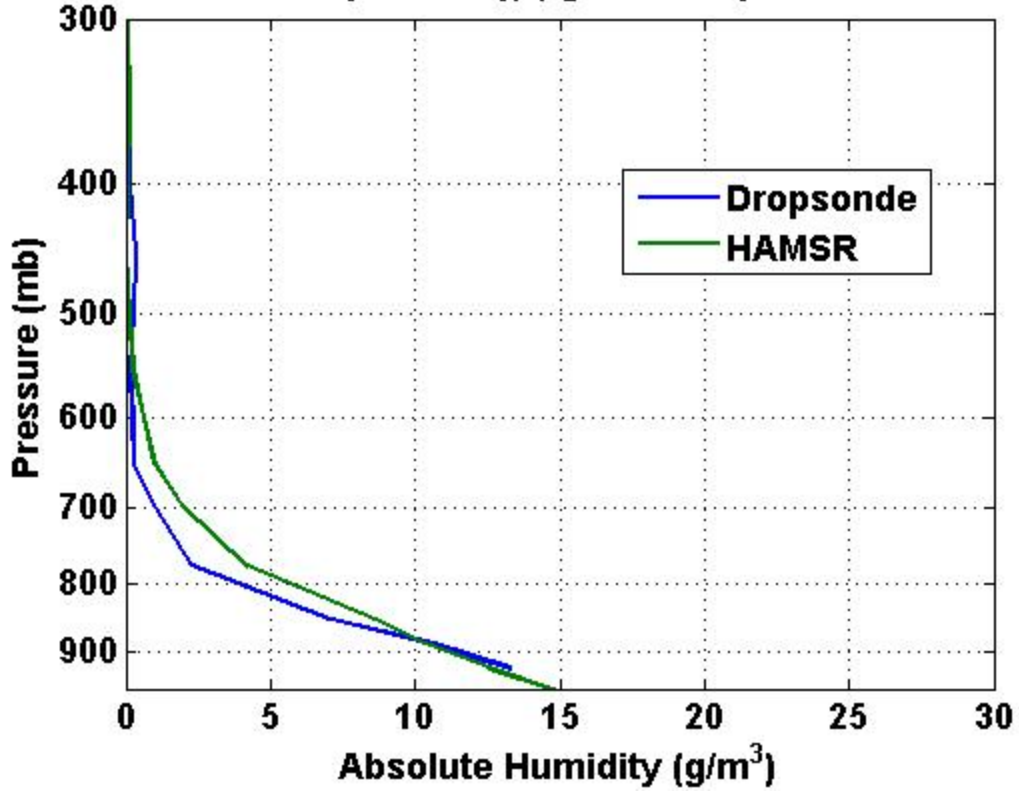


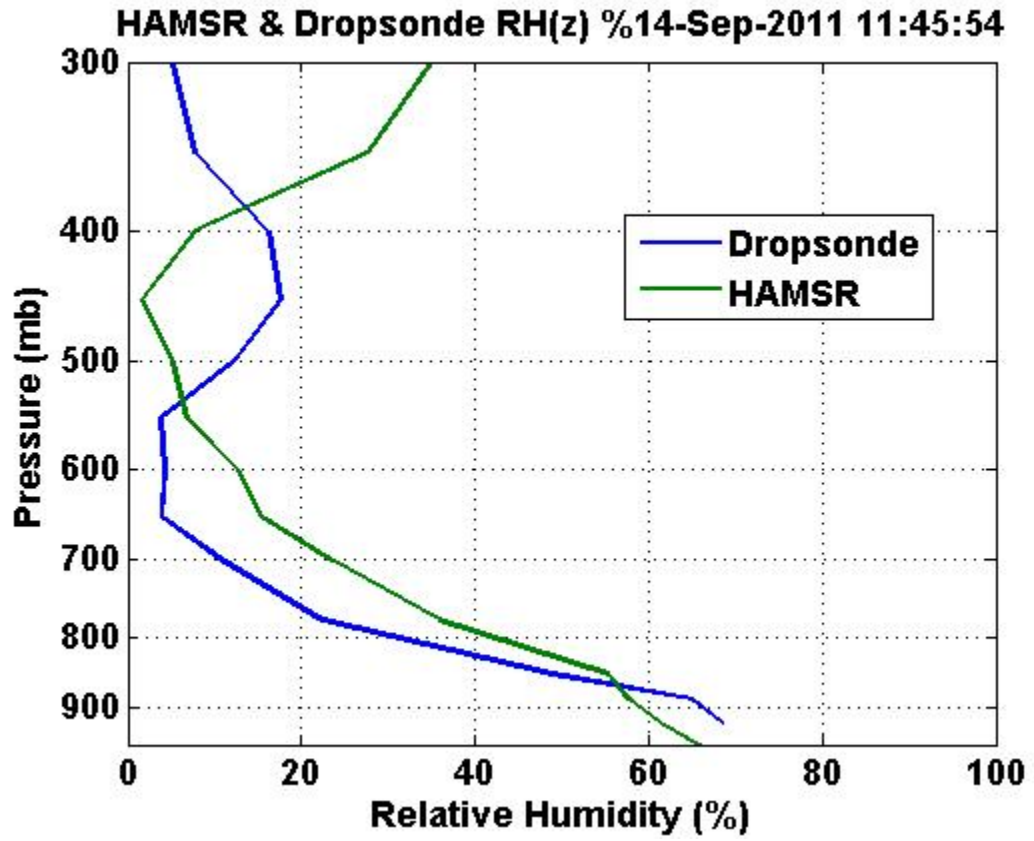
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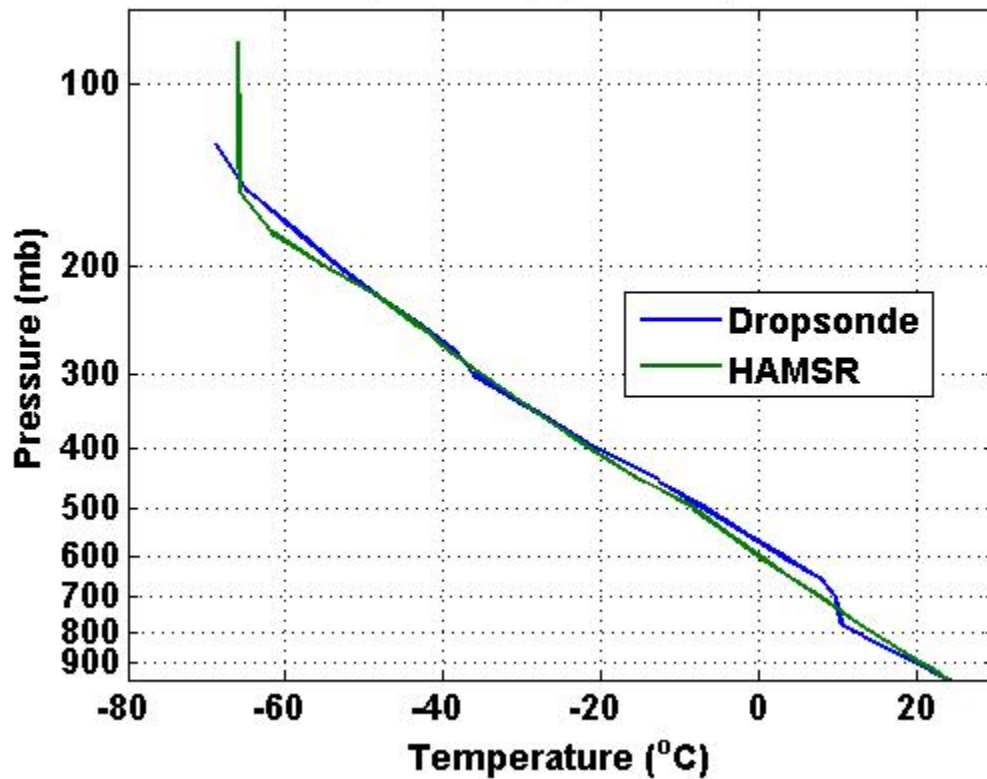
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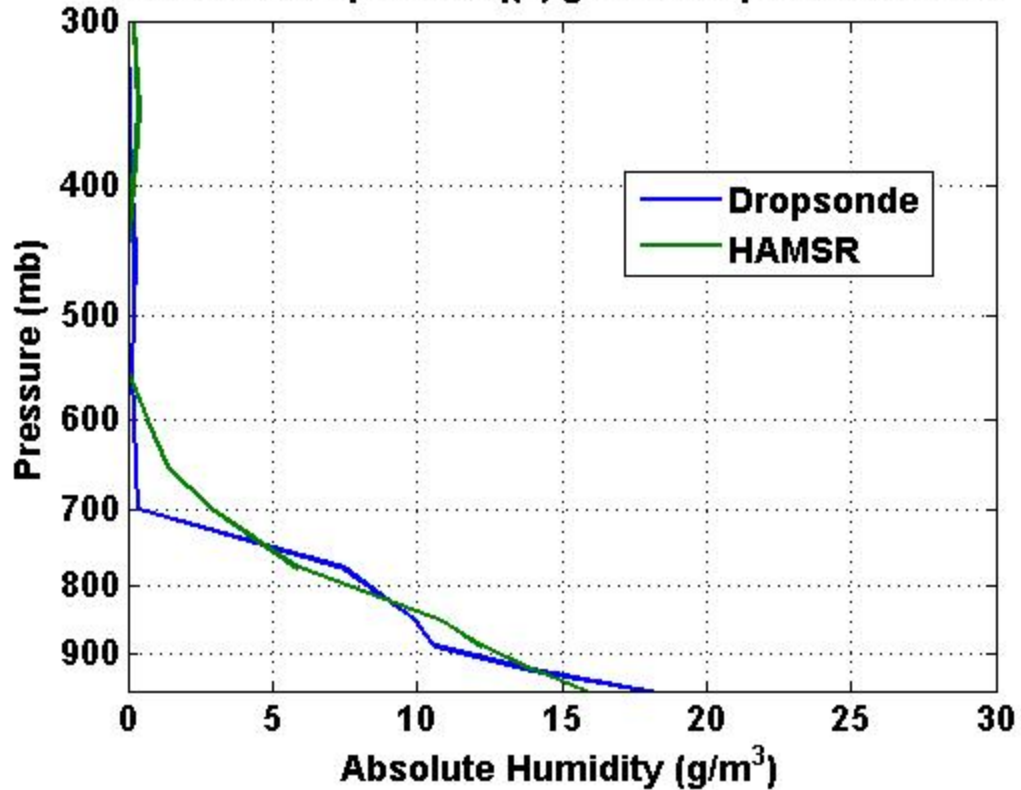


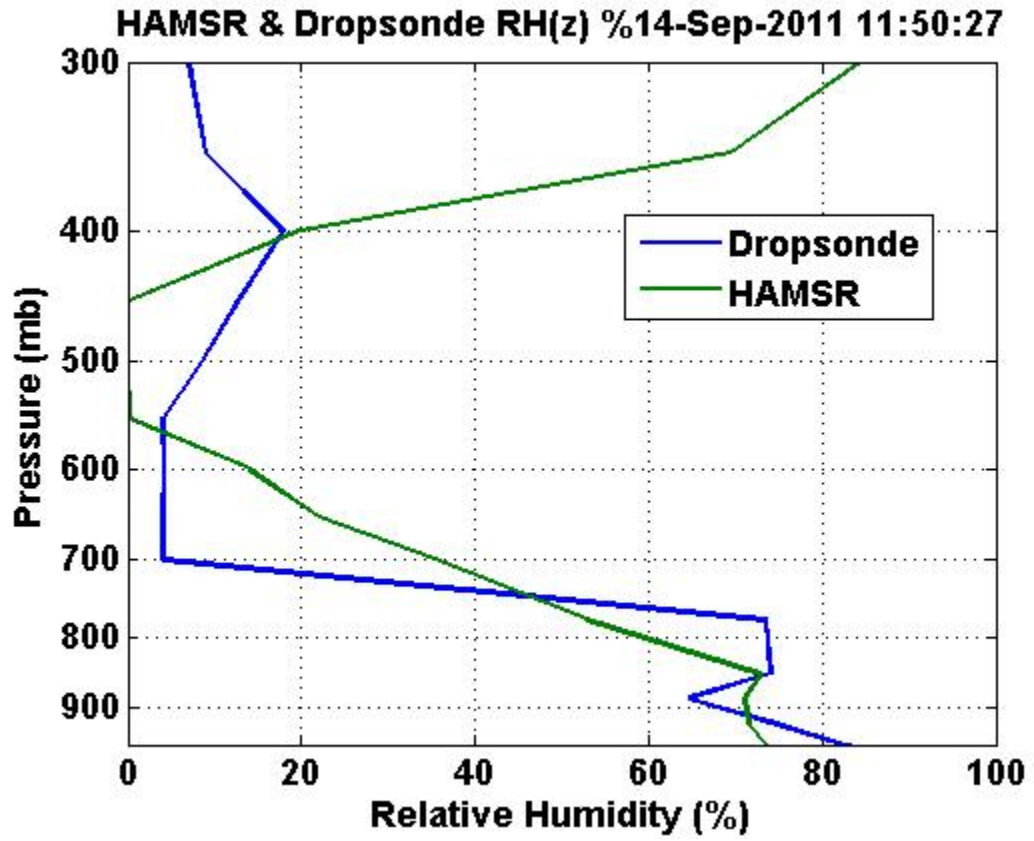
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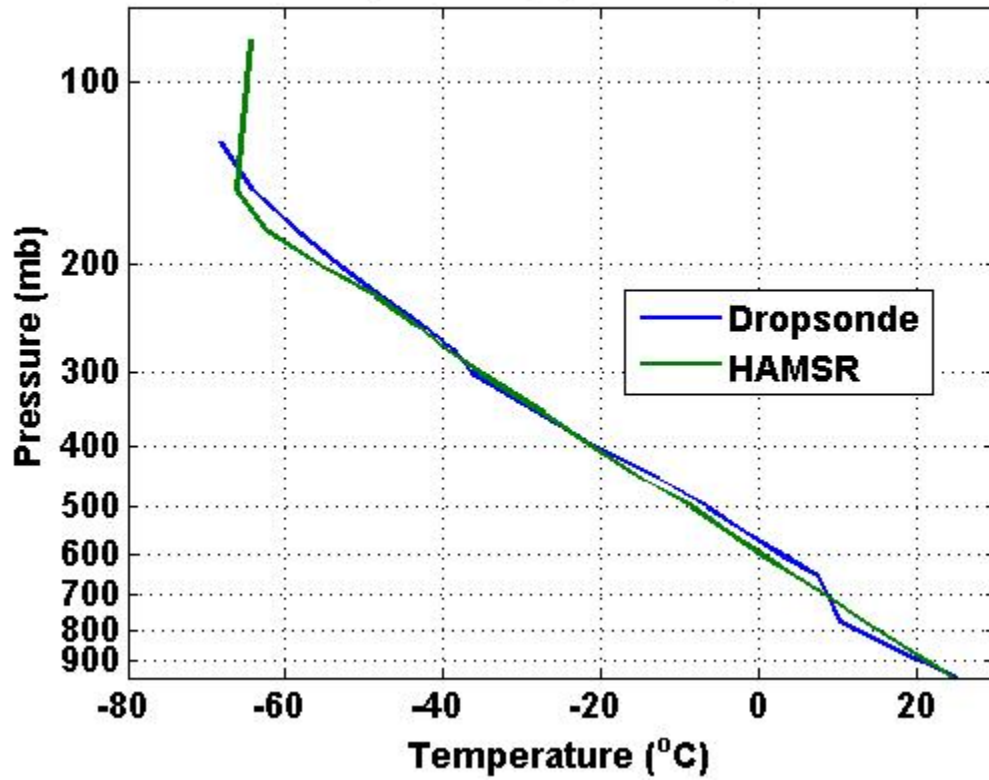
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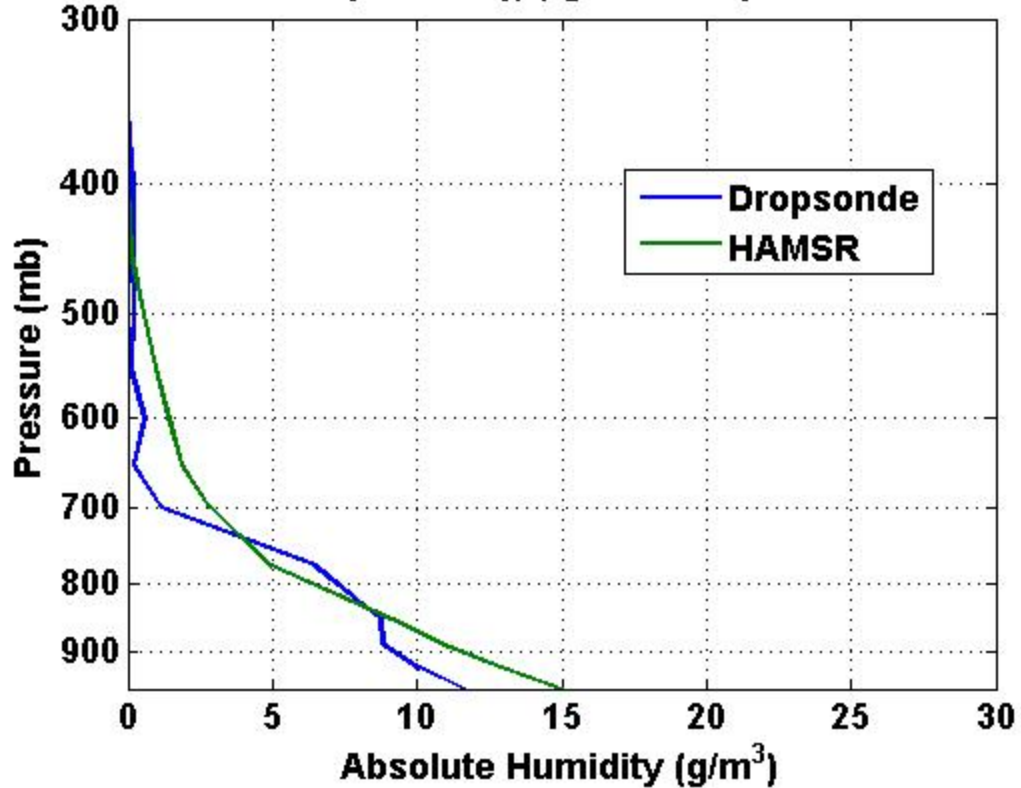


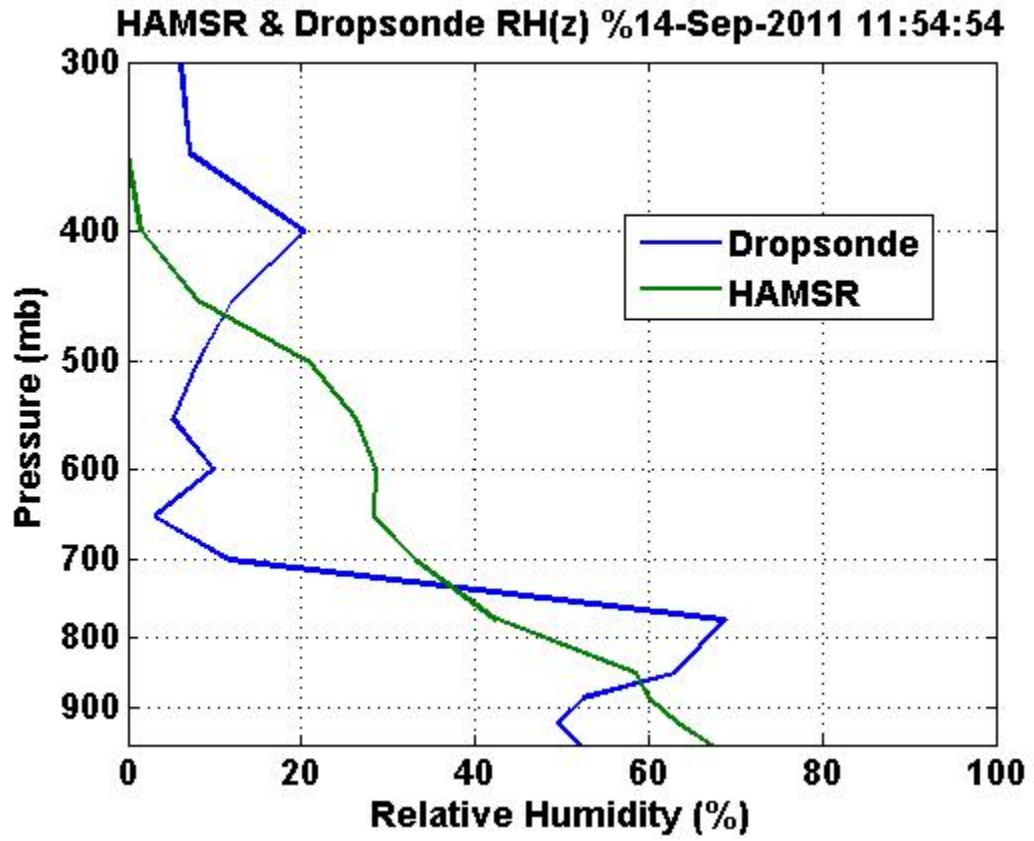
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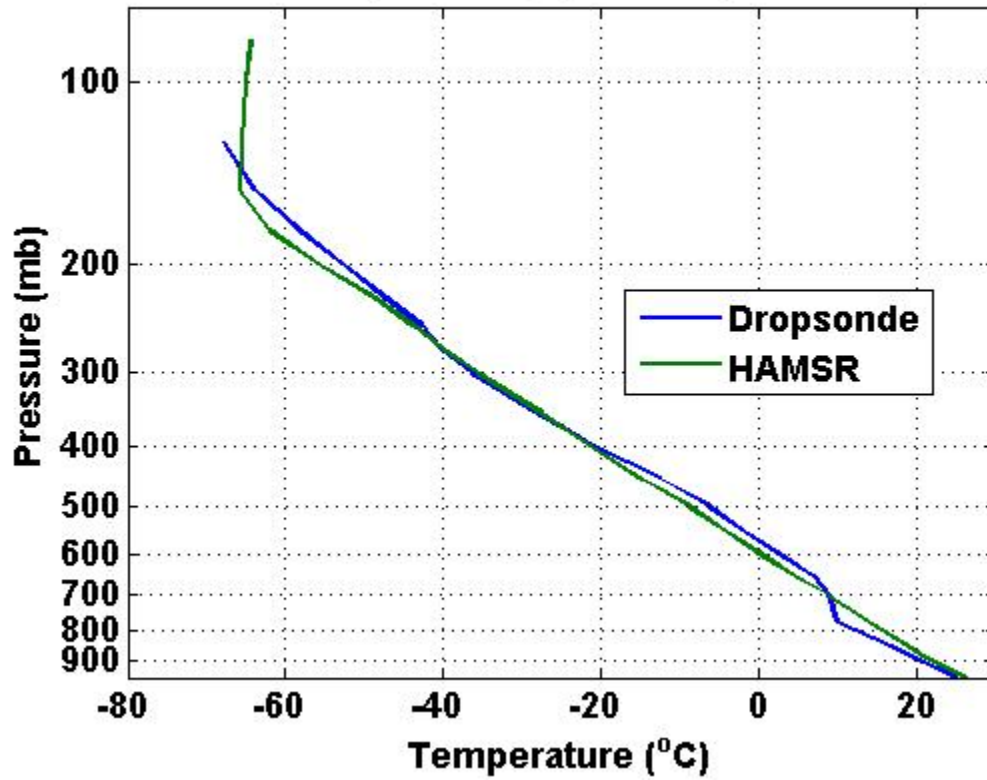
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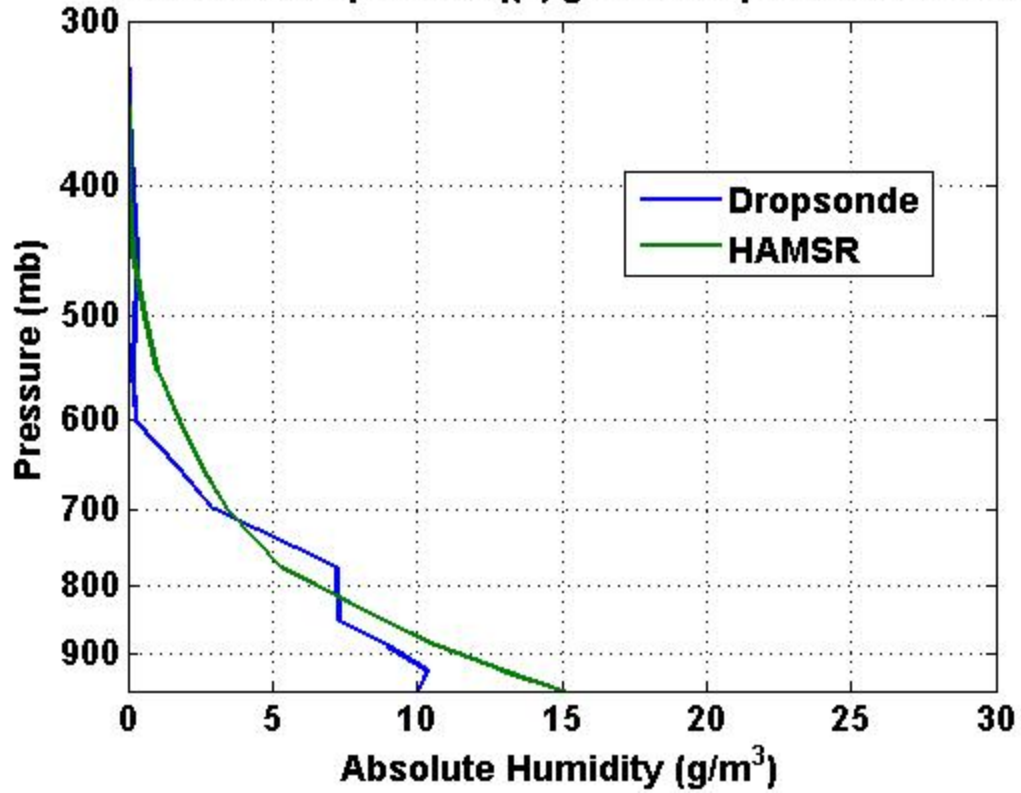


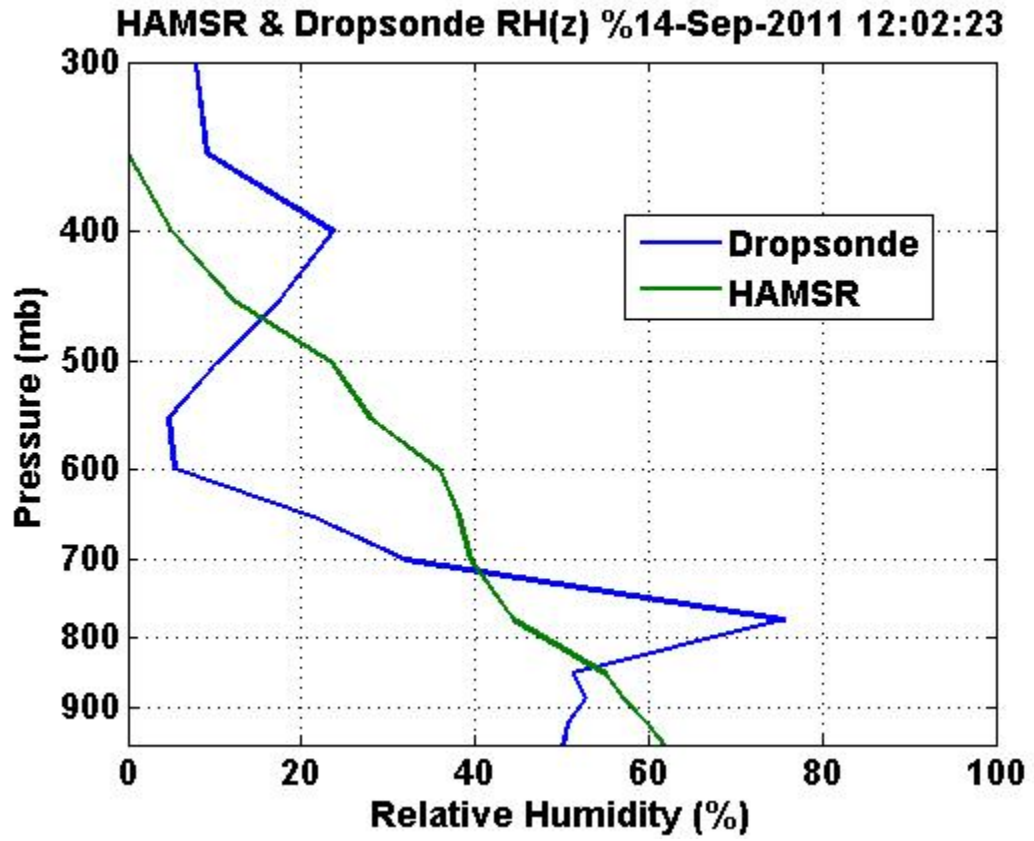
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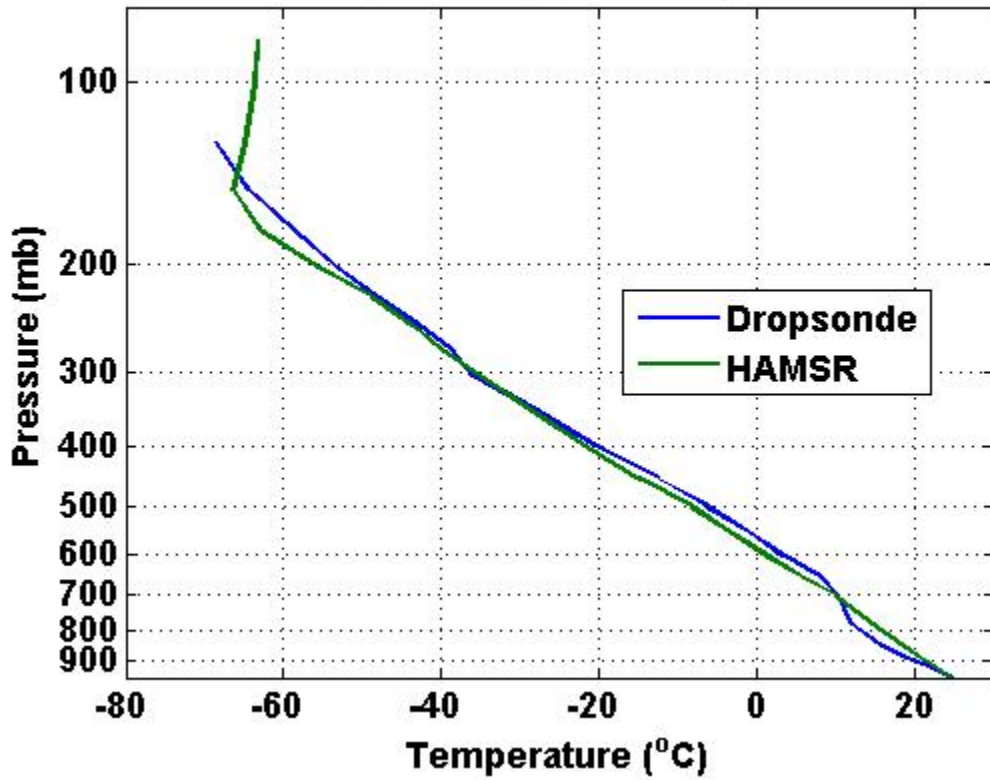
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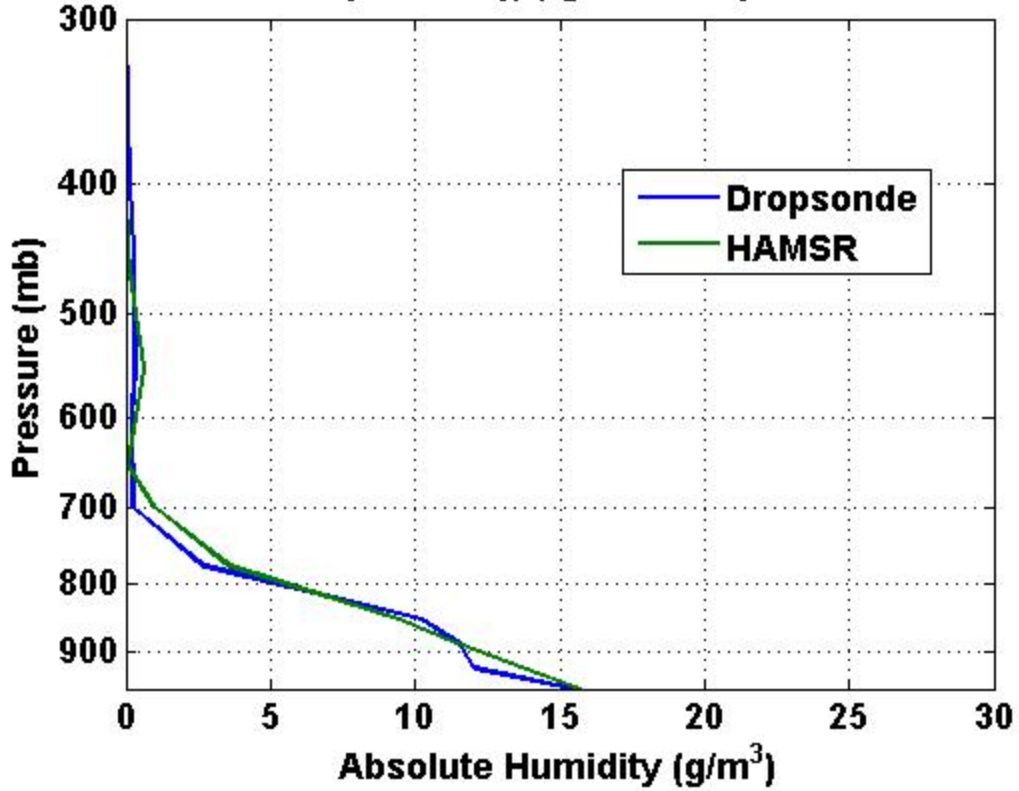


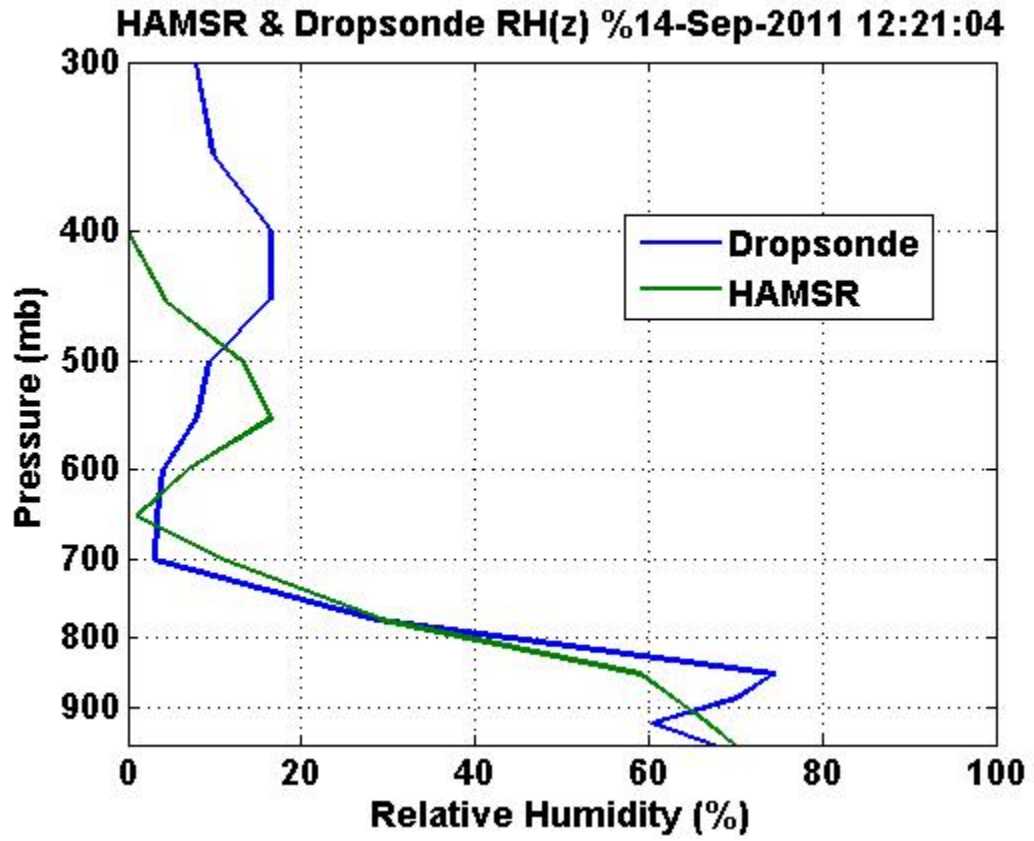
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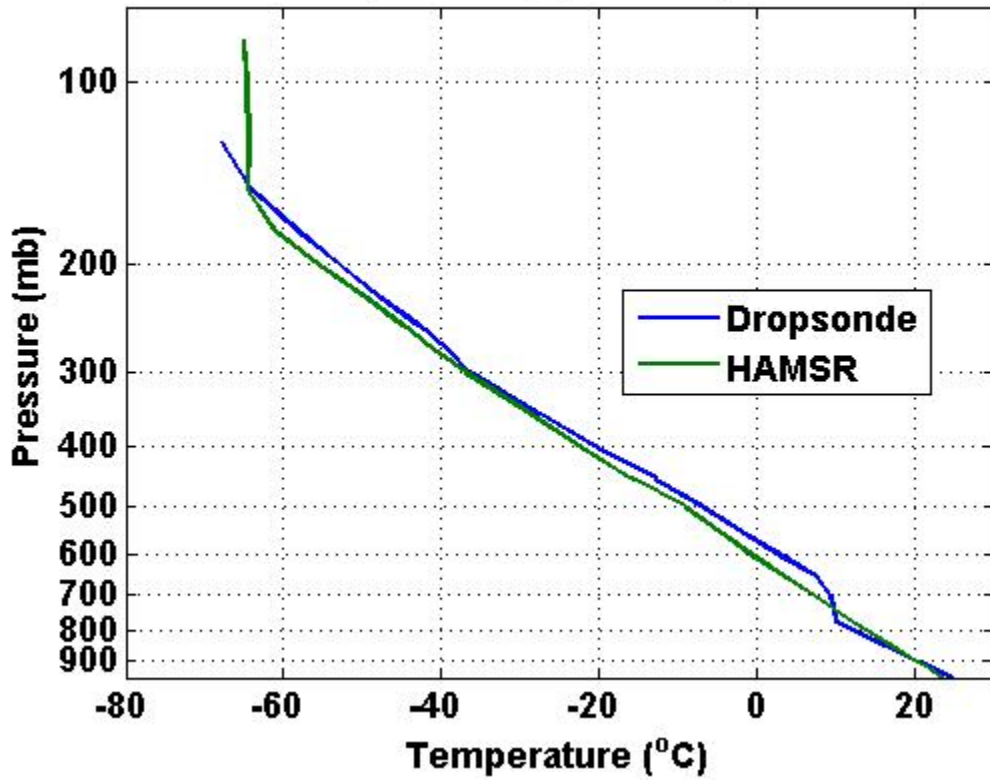
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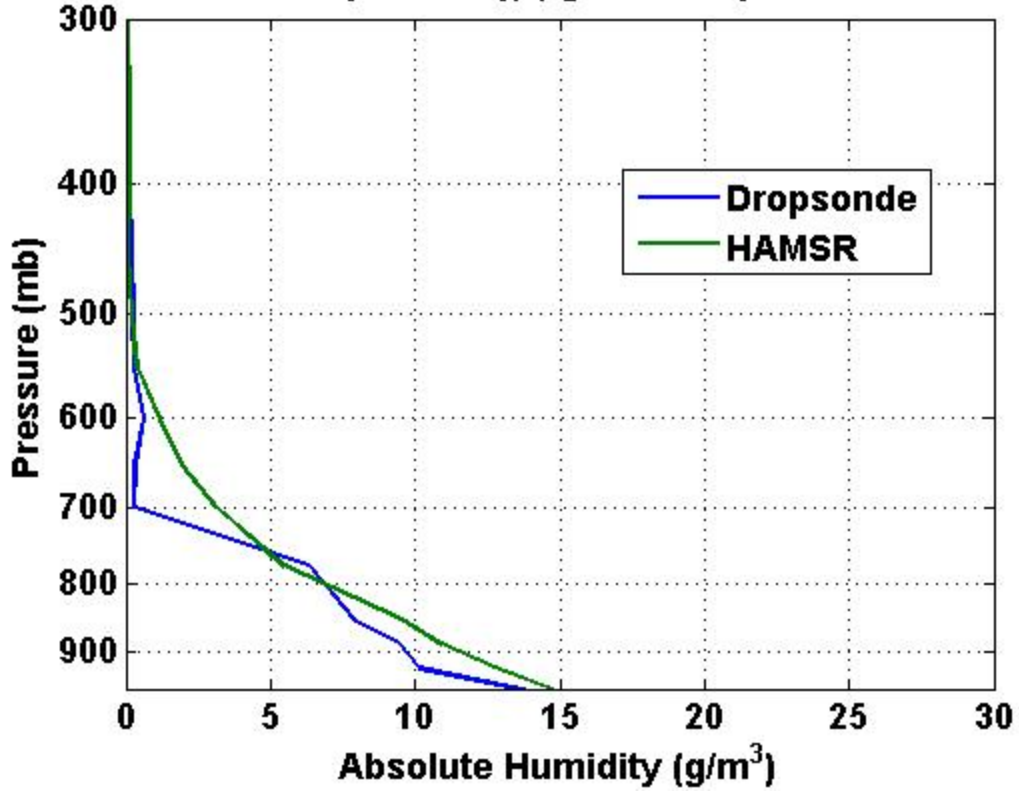


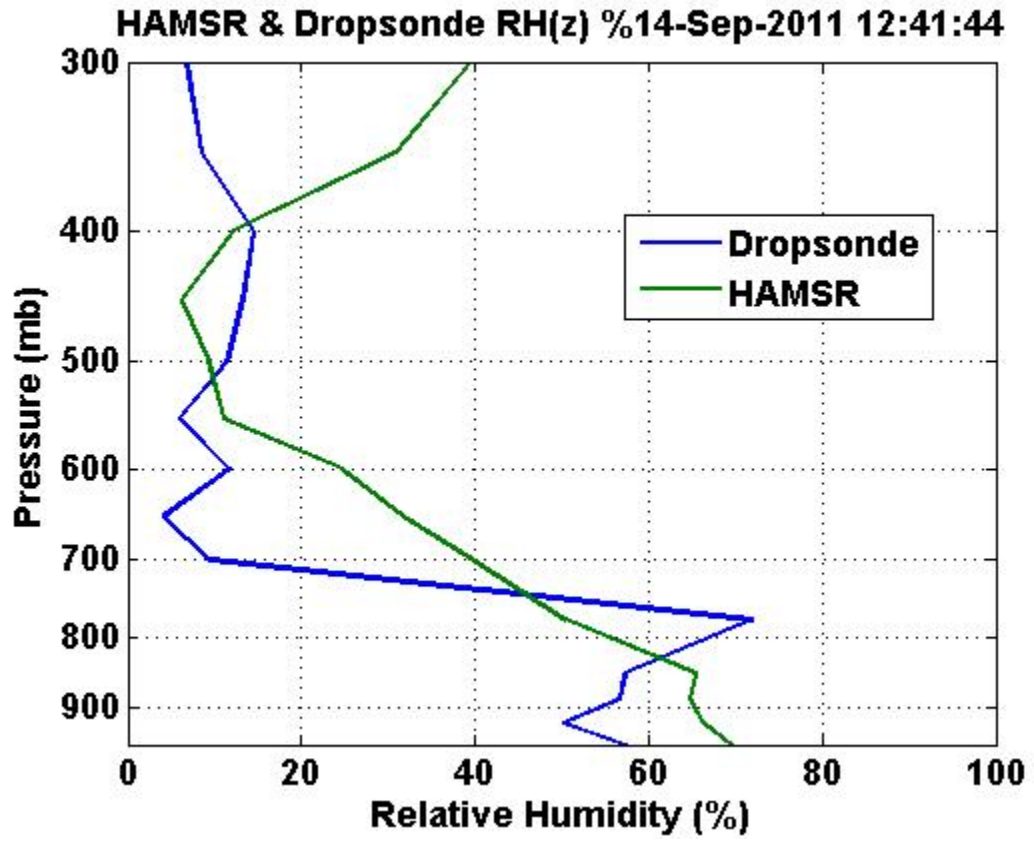
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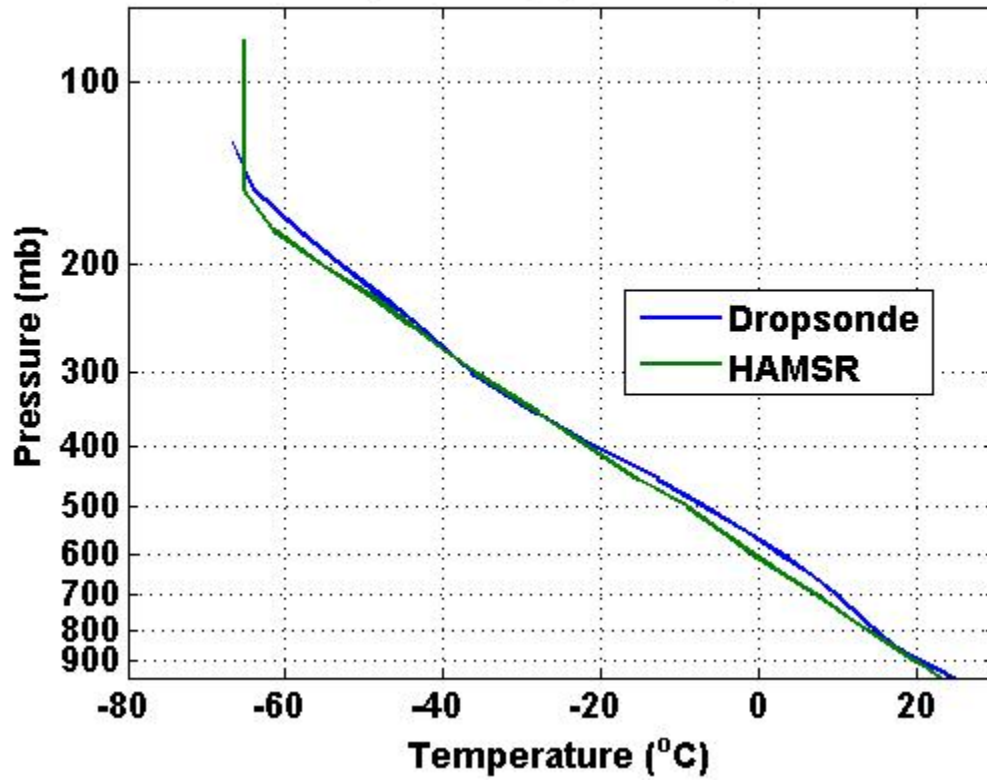
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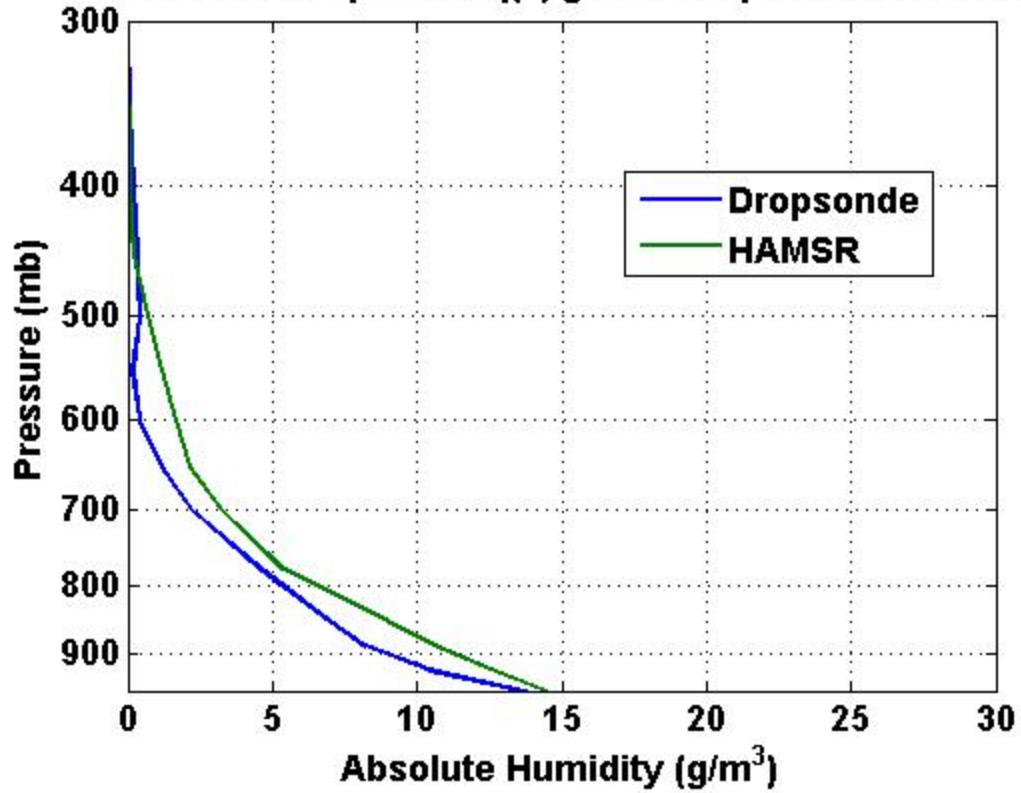


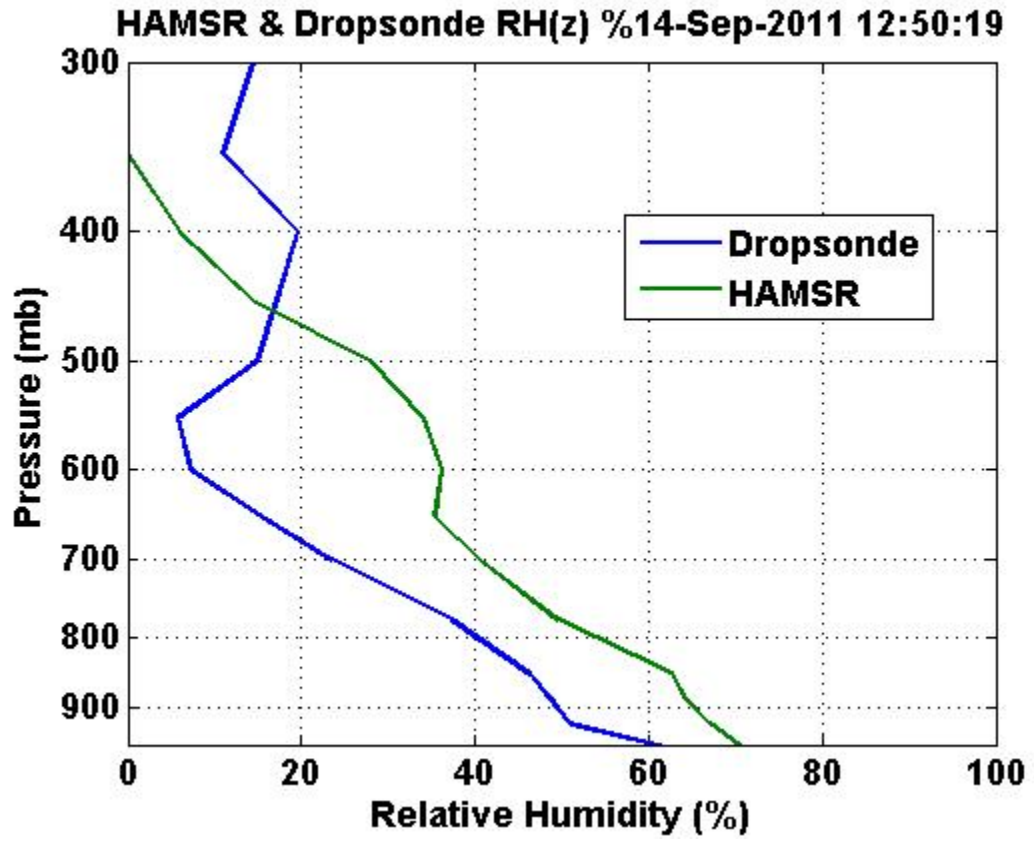
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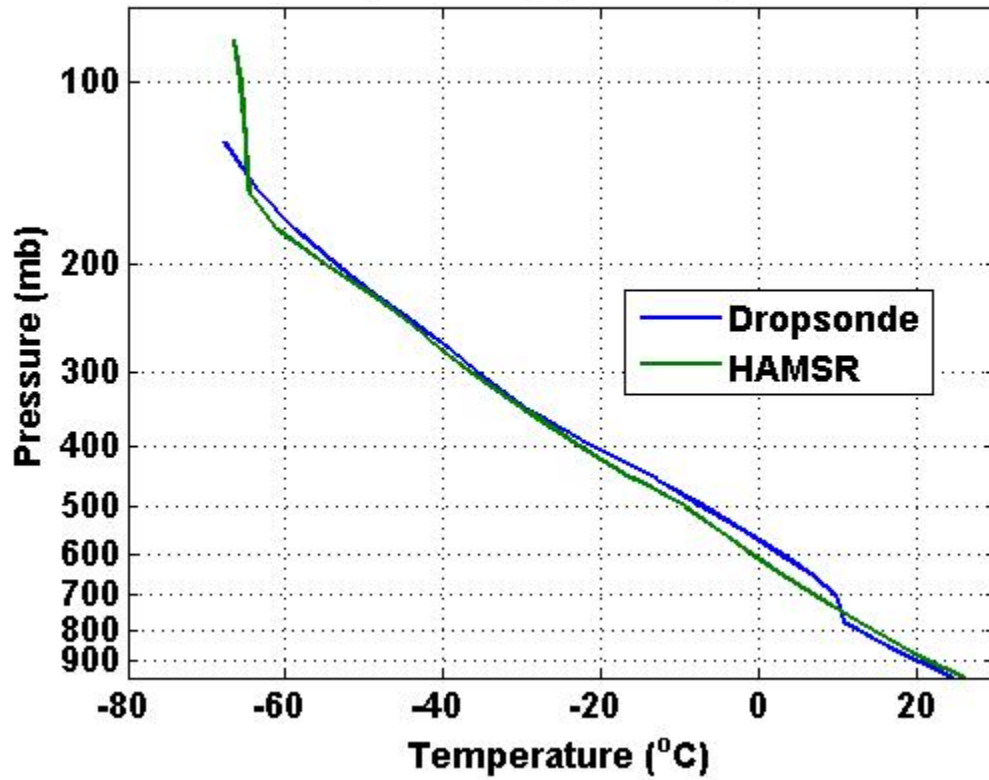
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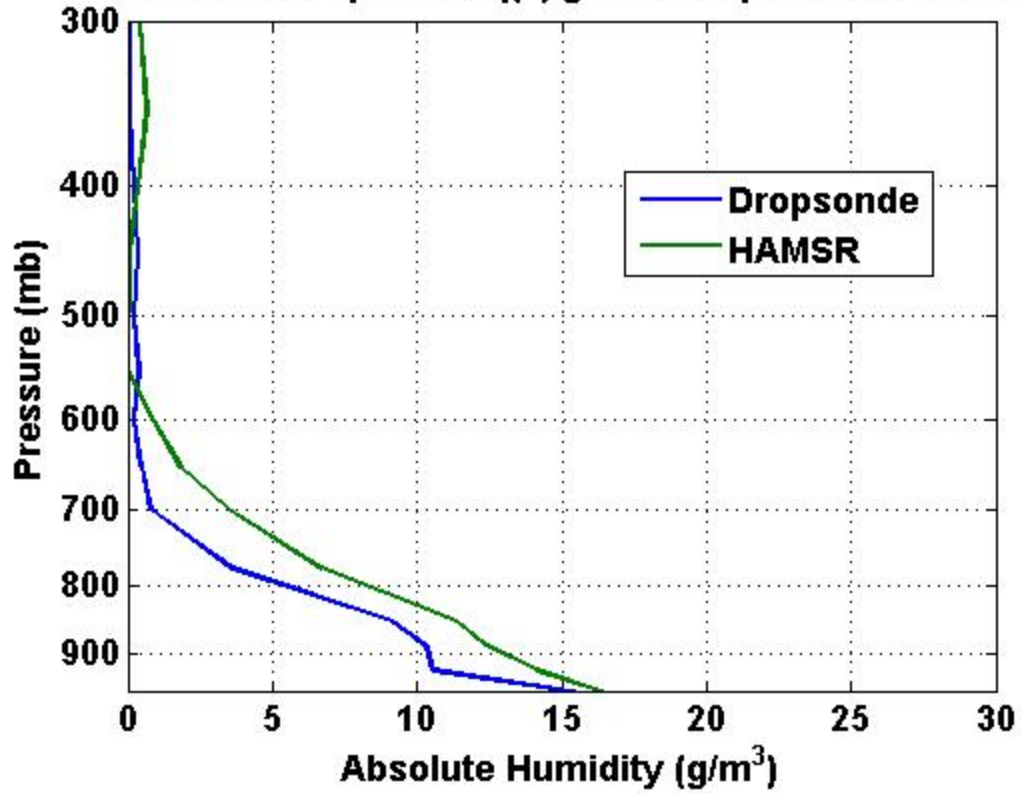


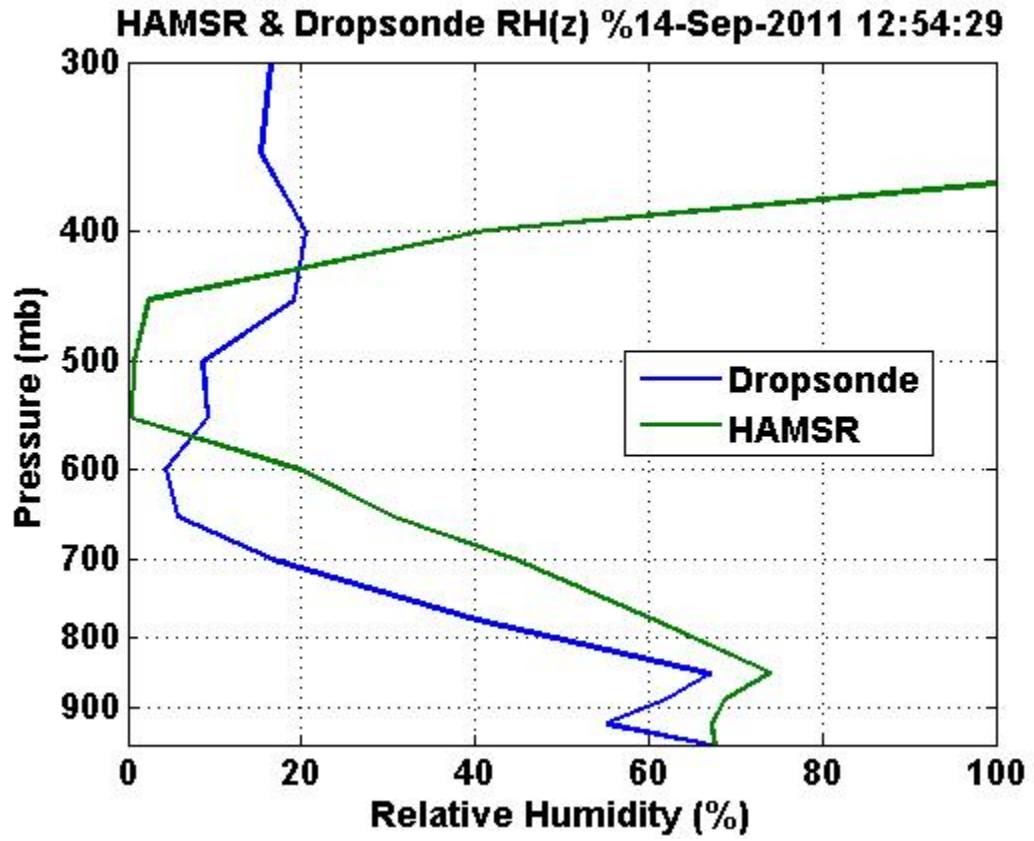
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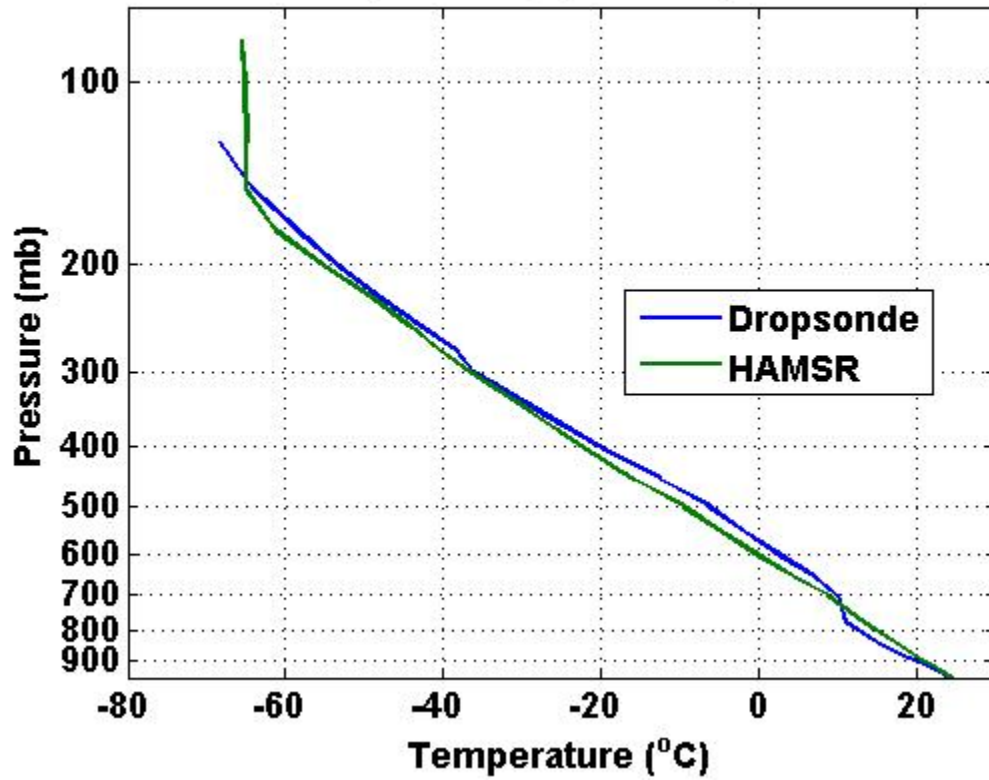
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 12:54:29



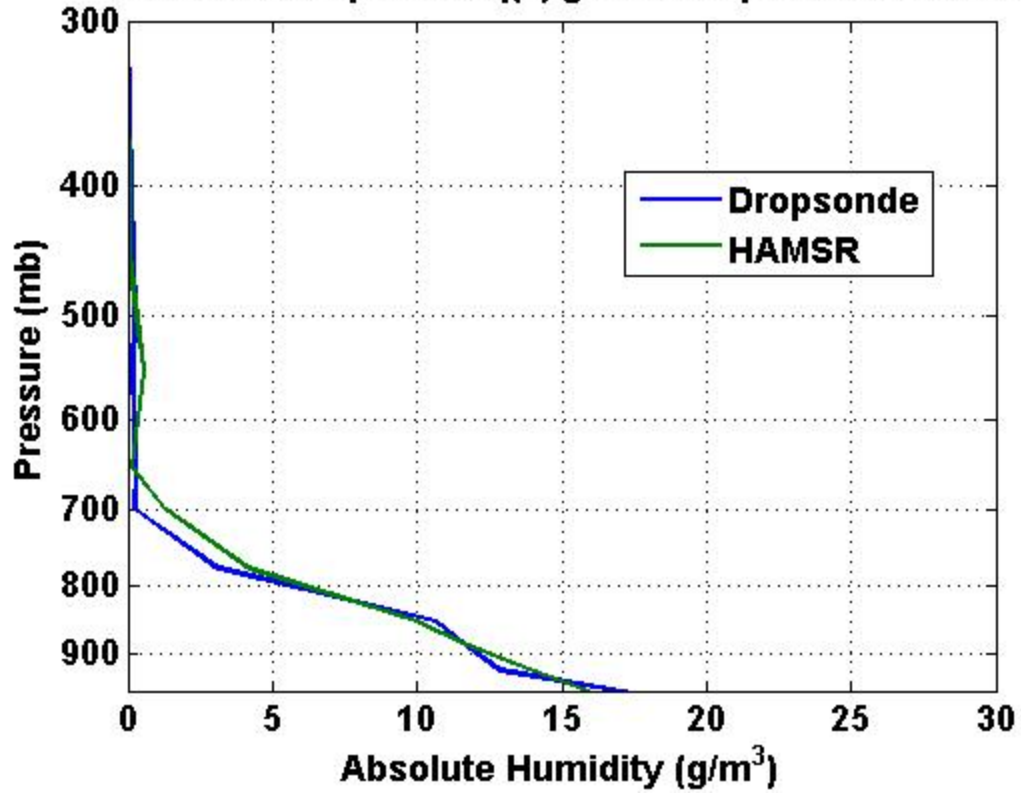


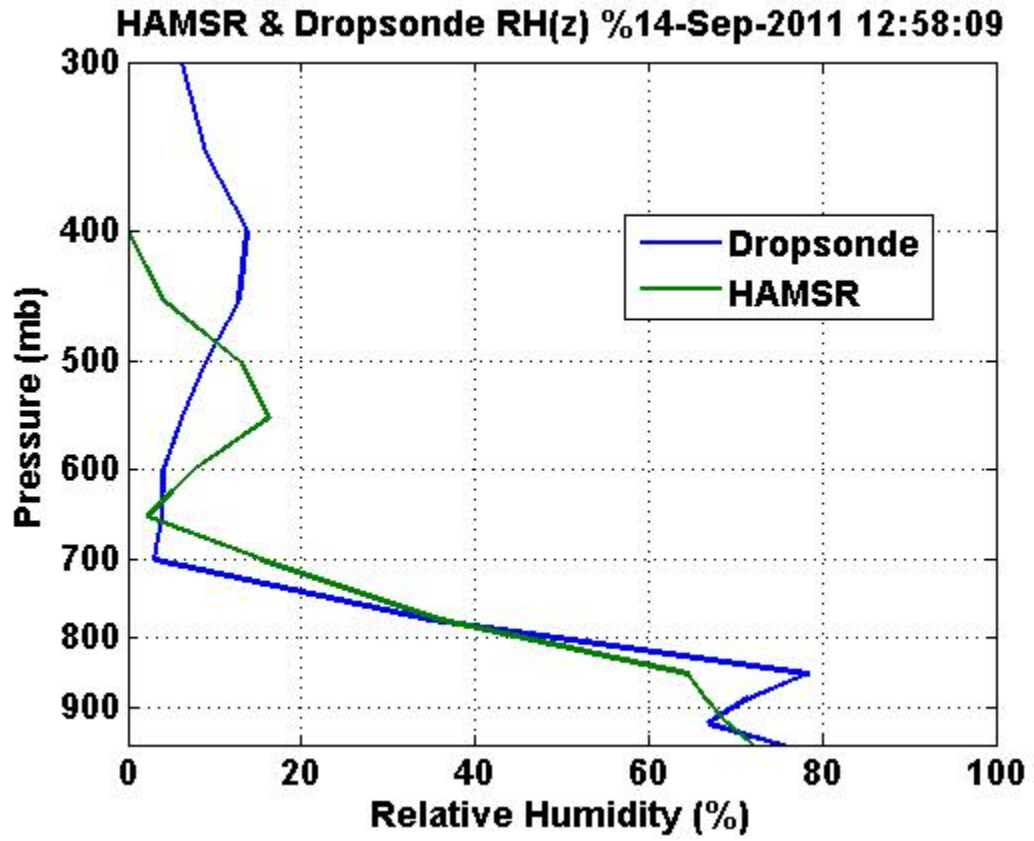
14-Sep-2011 12:58:09

HAMSR & Dropsonde T(z) °C 14-Sep-2011 12:58:09



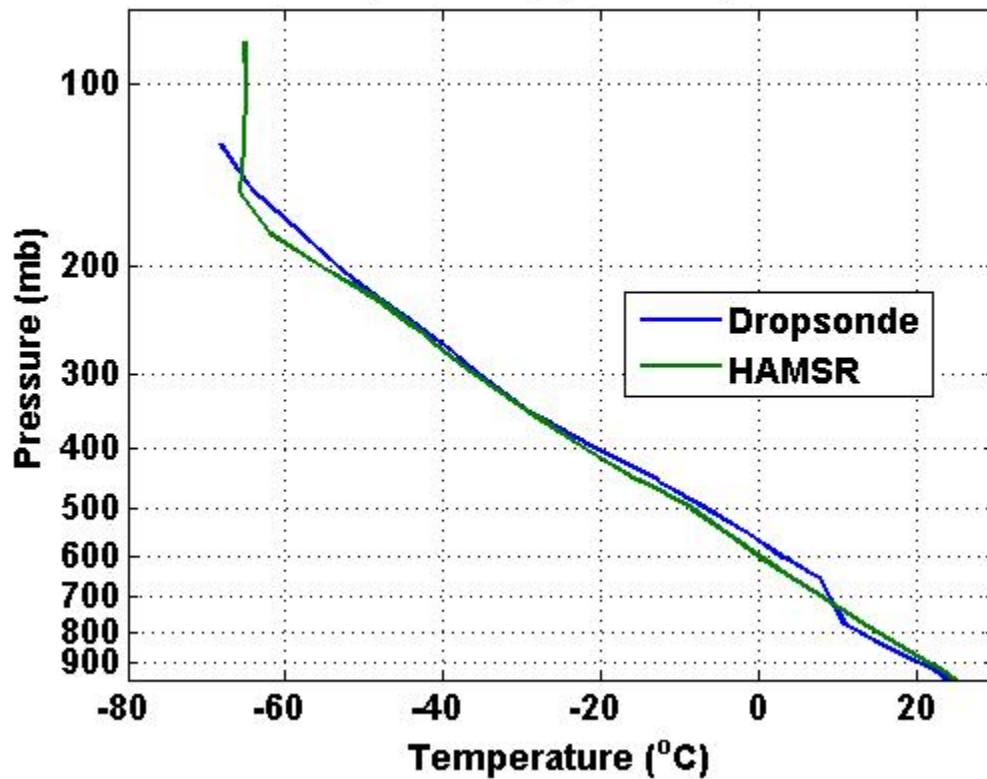
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 12:58:09



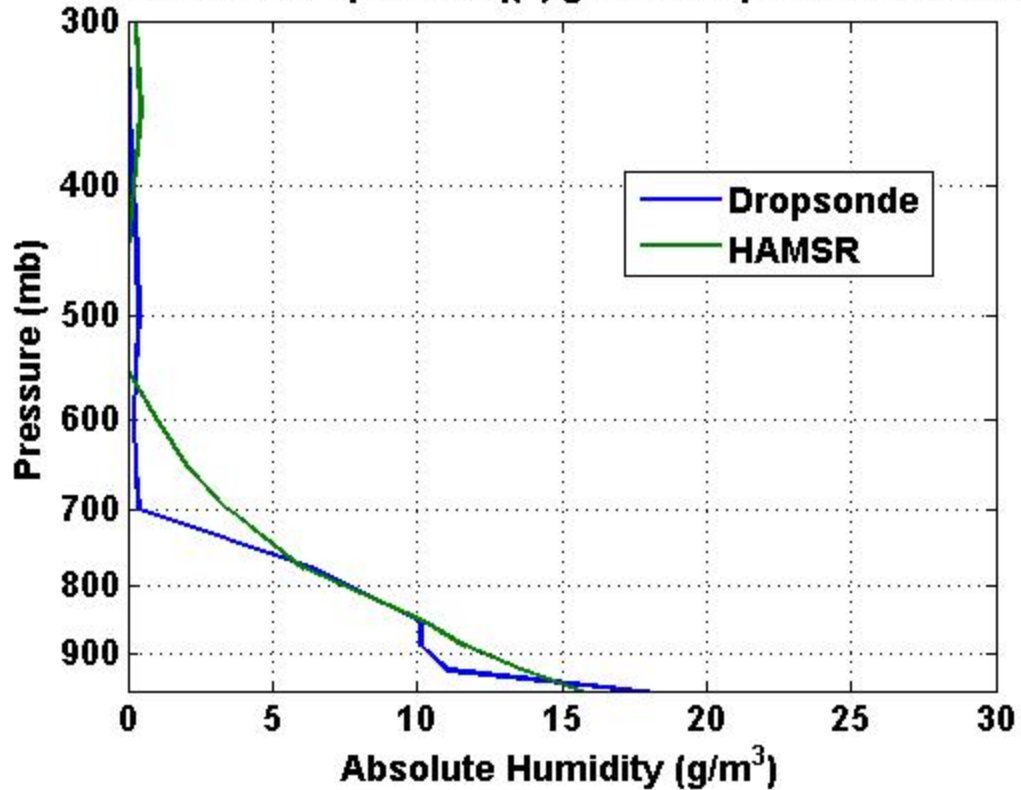


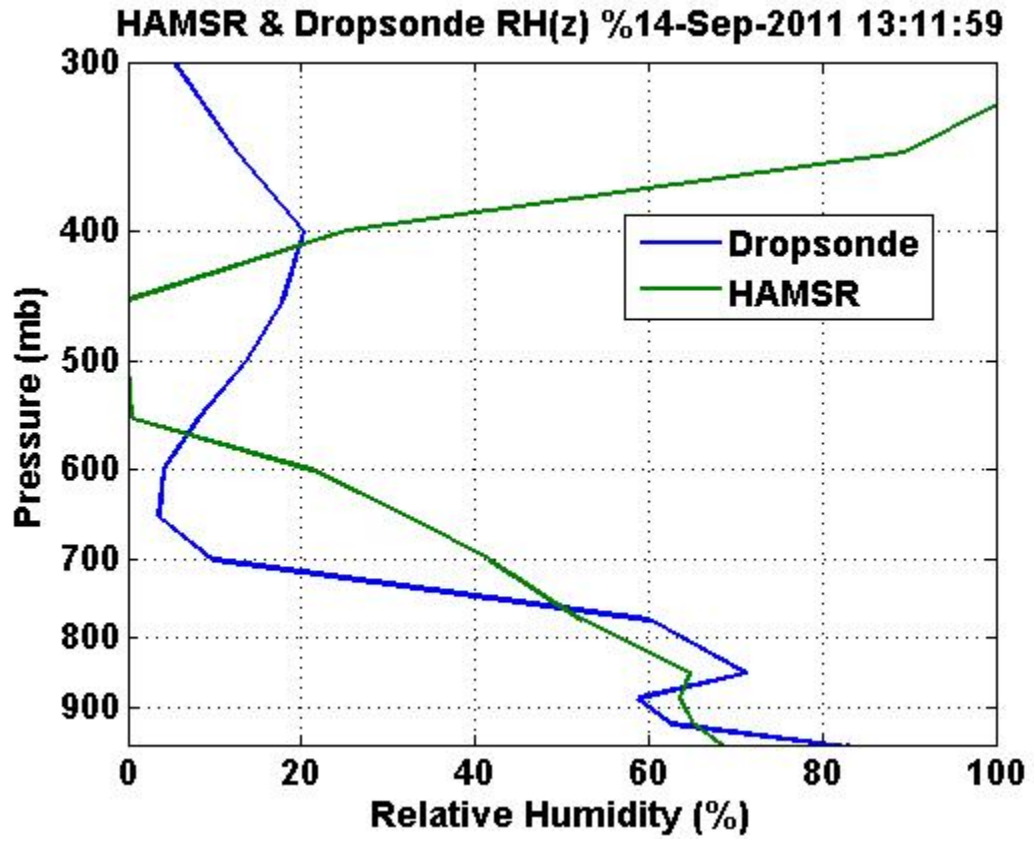
14-Sep-2011 13:11:59

HAMSR & Dropsonde T(z) °C 14-Sep-2011 13:11:59



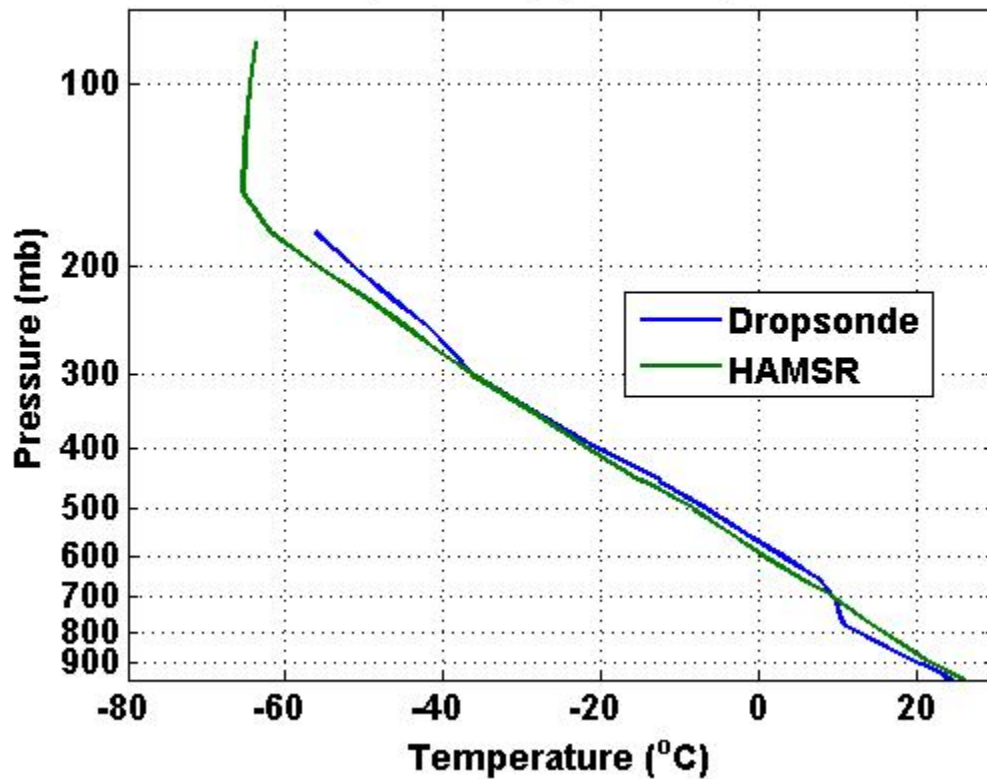
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 13:11:59



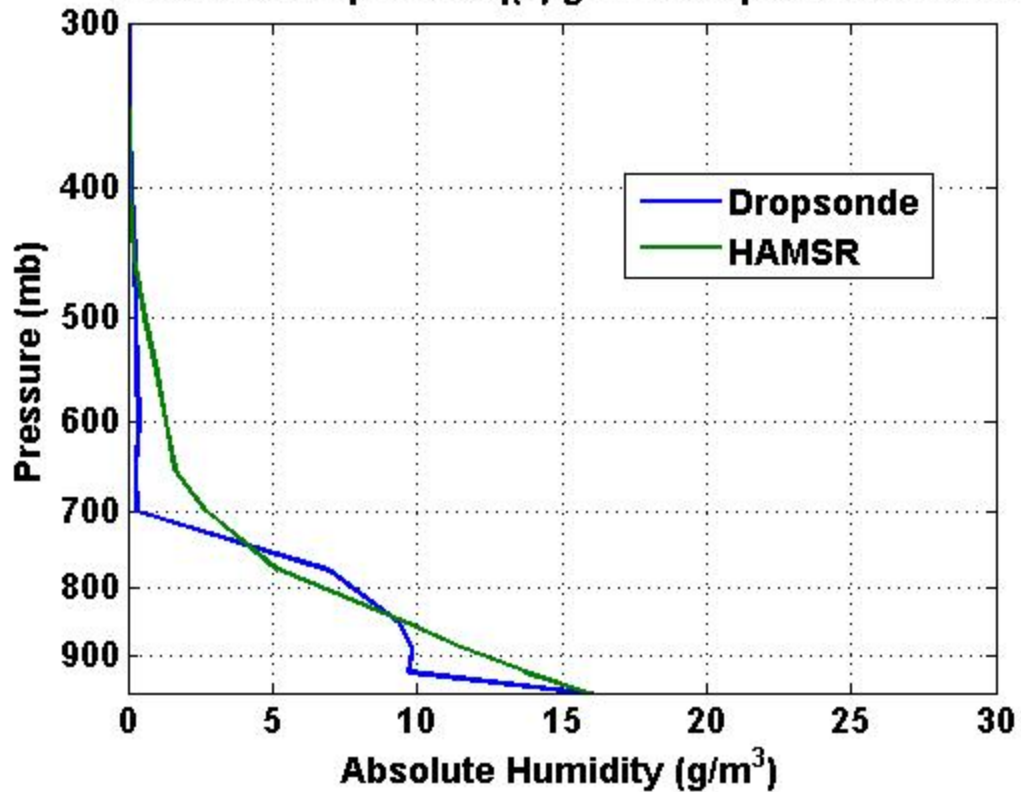


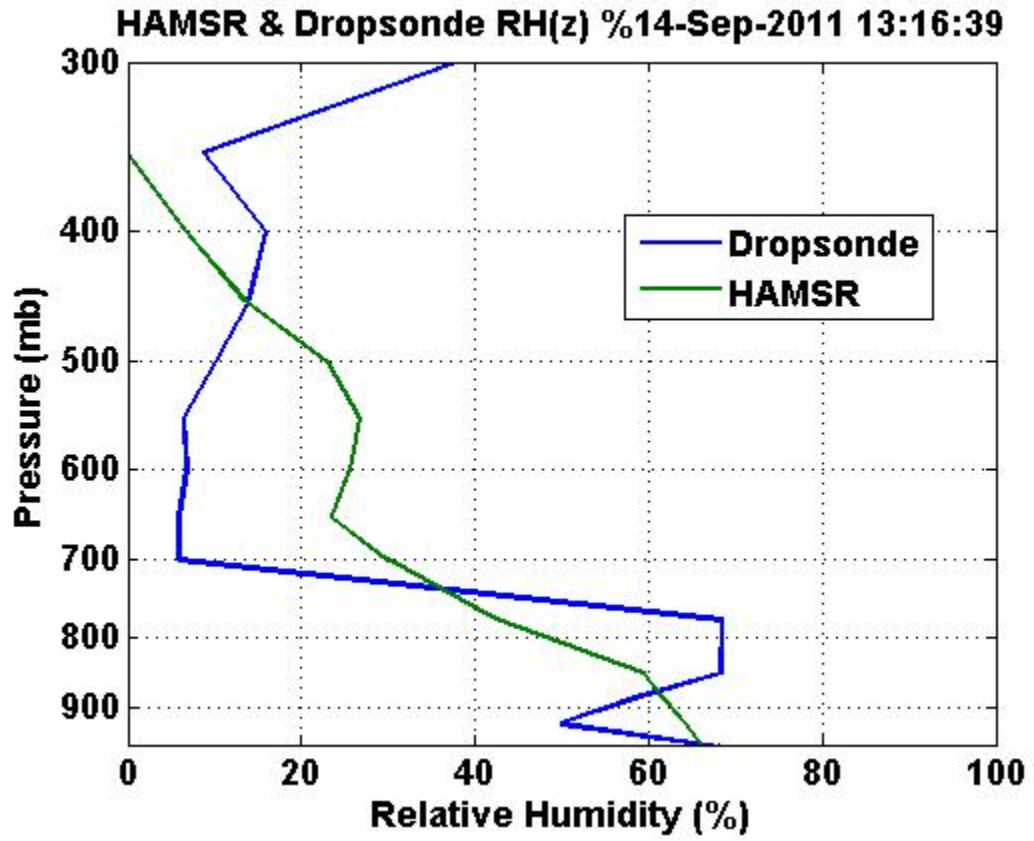
14-Sep-2011 13:16:39

HAMSR & Dropsonde T(z) °C 14-Sep-2011 13:16:39



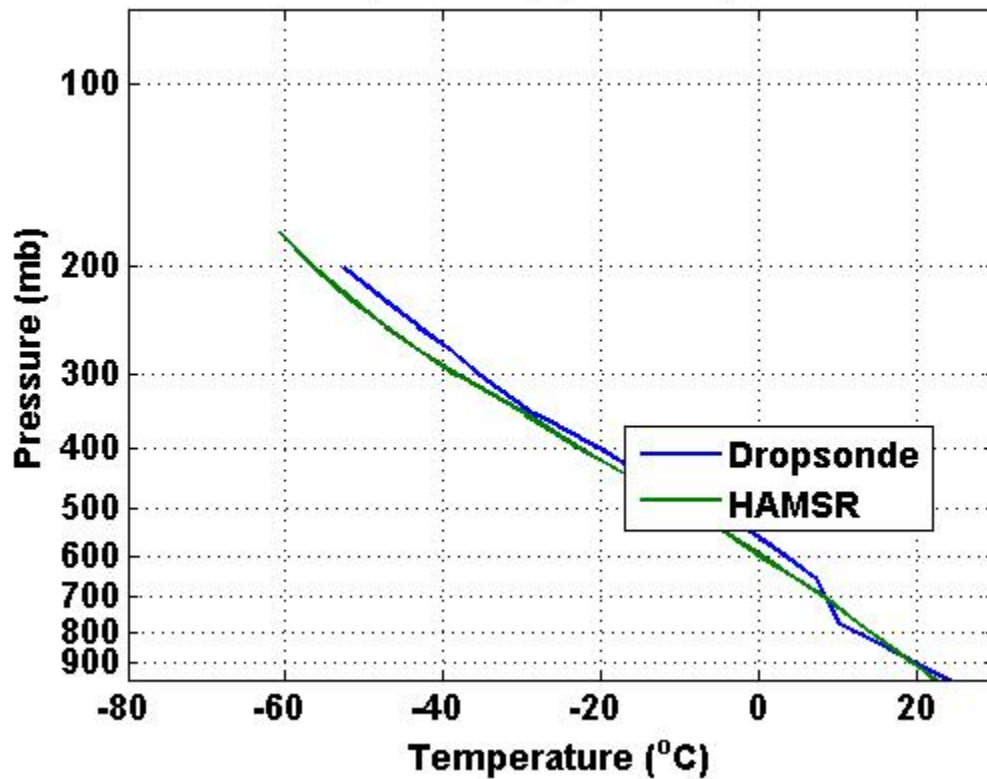
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 13:16:39



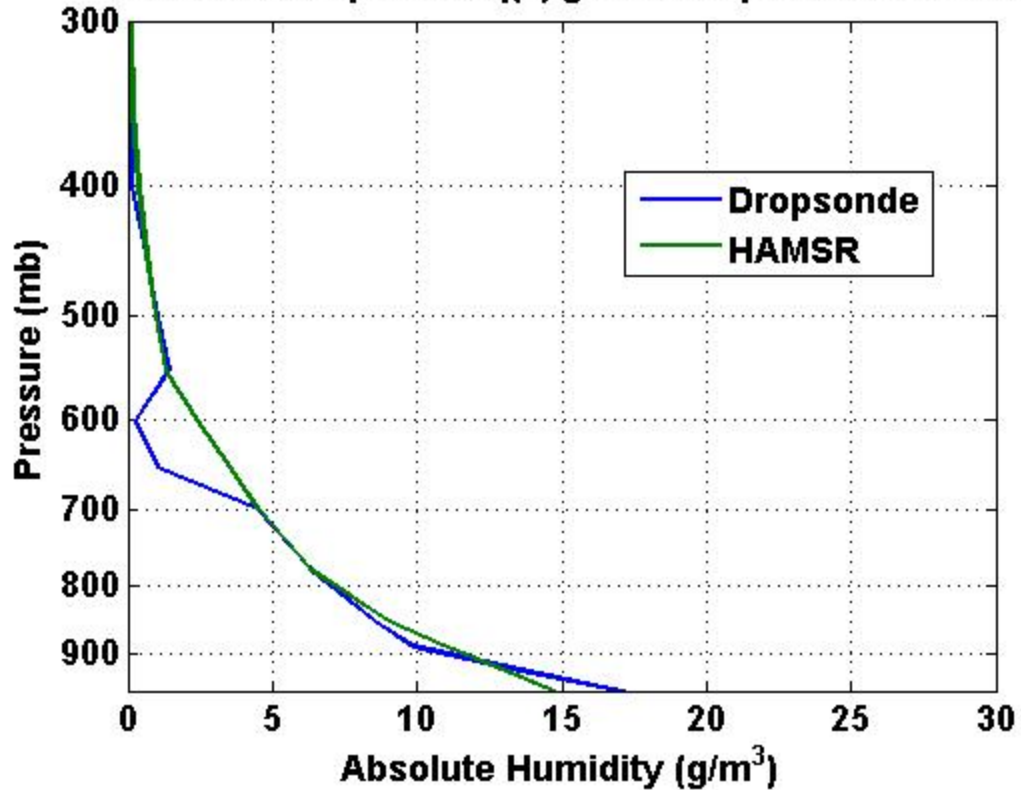


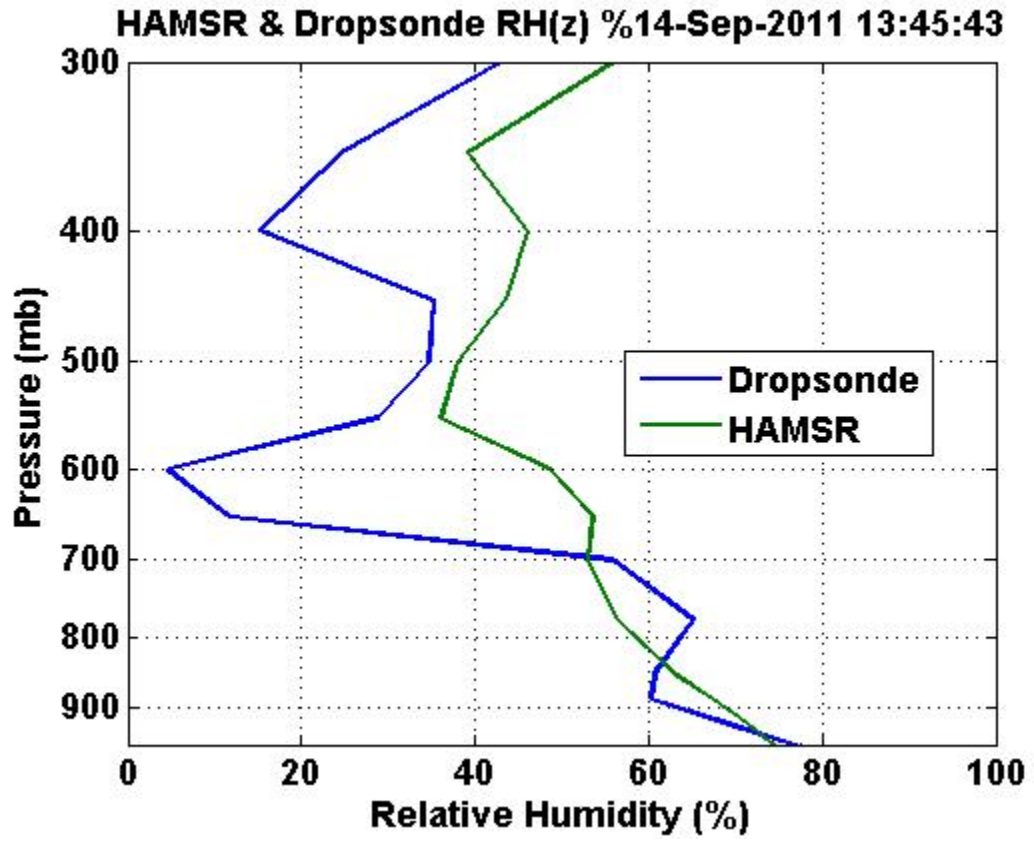
14-Sep-2011 13:45:43

HAMSr & Dropsonde T(z) °C 14-Sep-2011 13:45:43



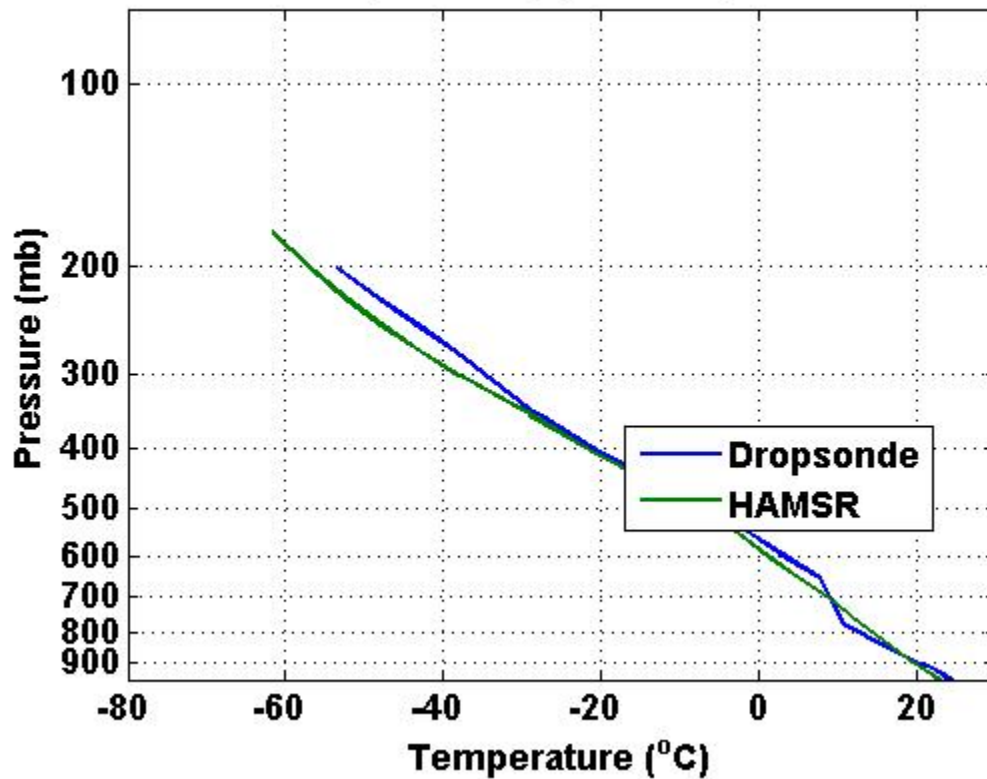
HAMSr & Dropsonde q(z) g/m³ 14-Sep-2011 13:45:43



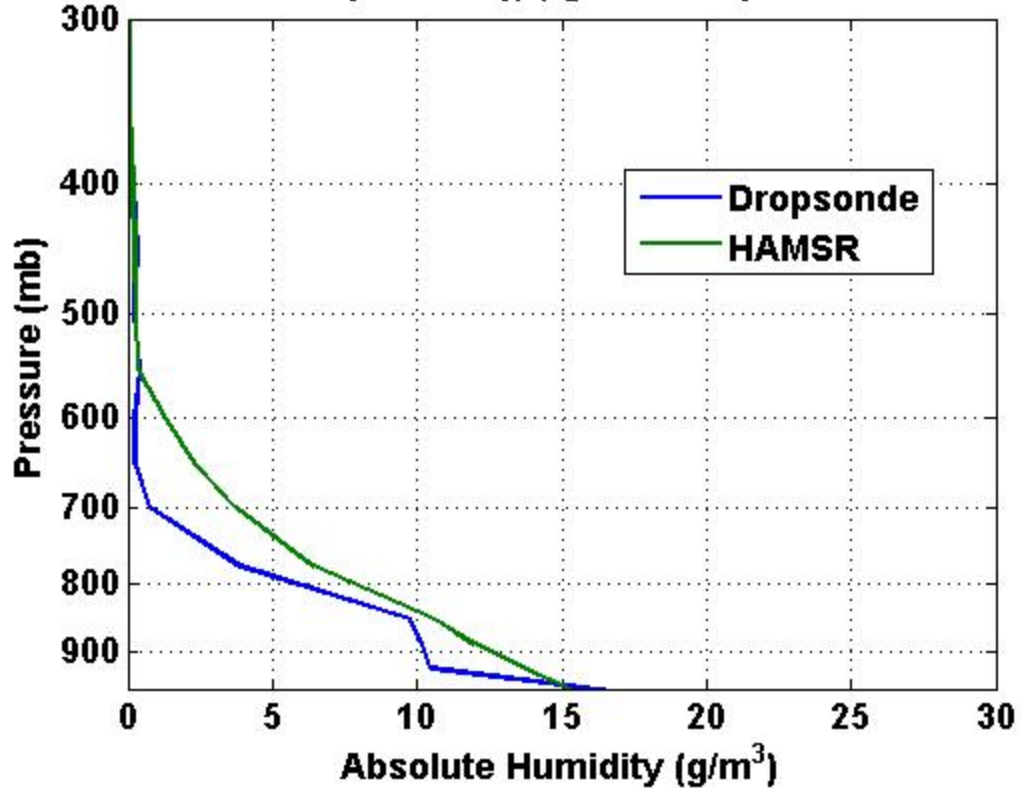


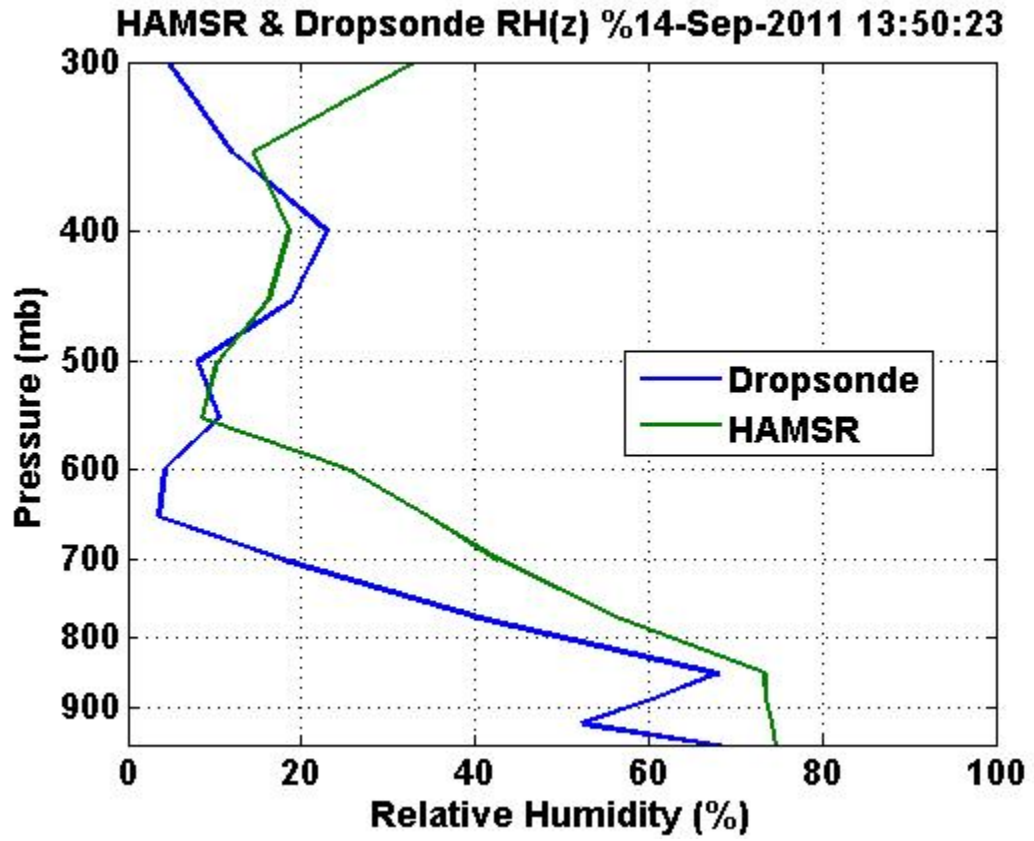
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HAMSR & Dropsonde T(z) °C 14-Sep-2011 13:50:23



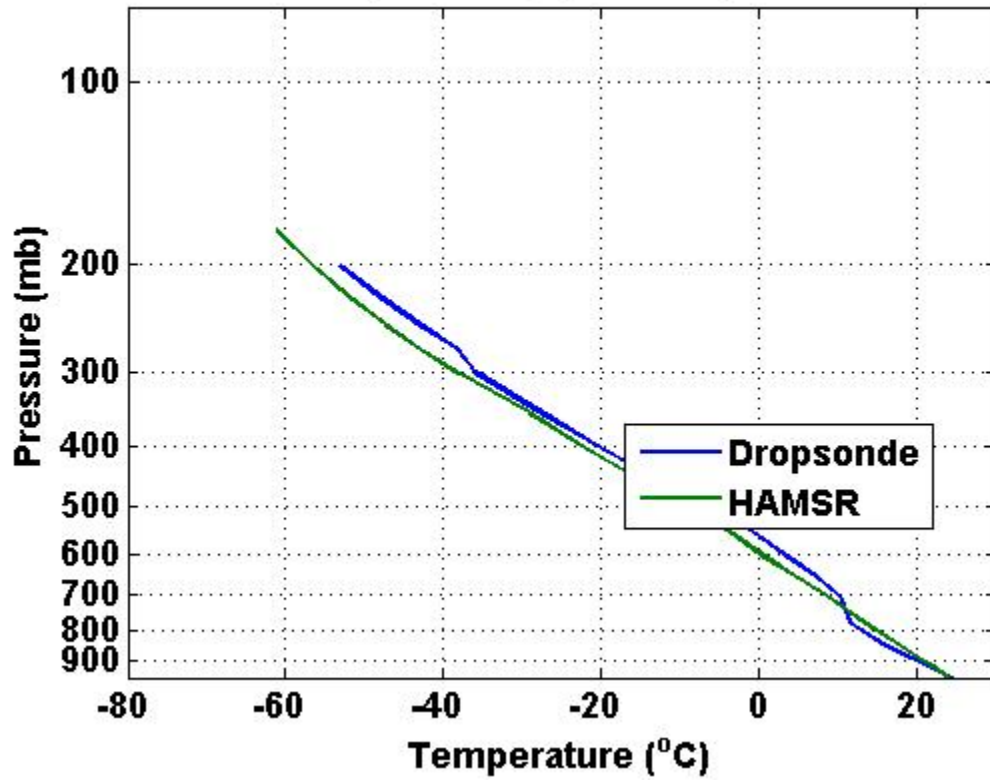
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 13:50:23



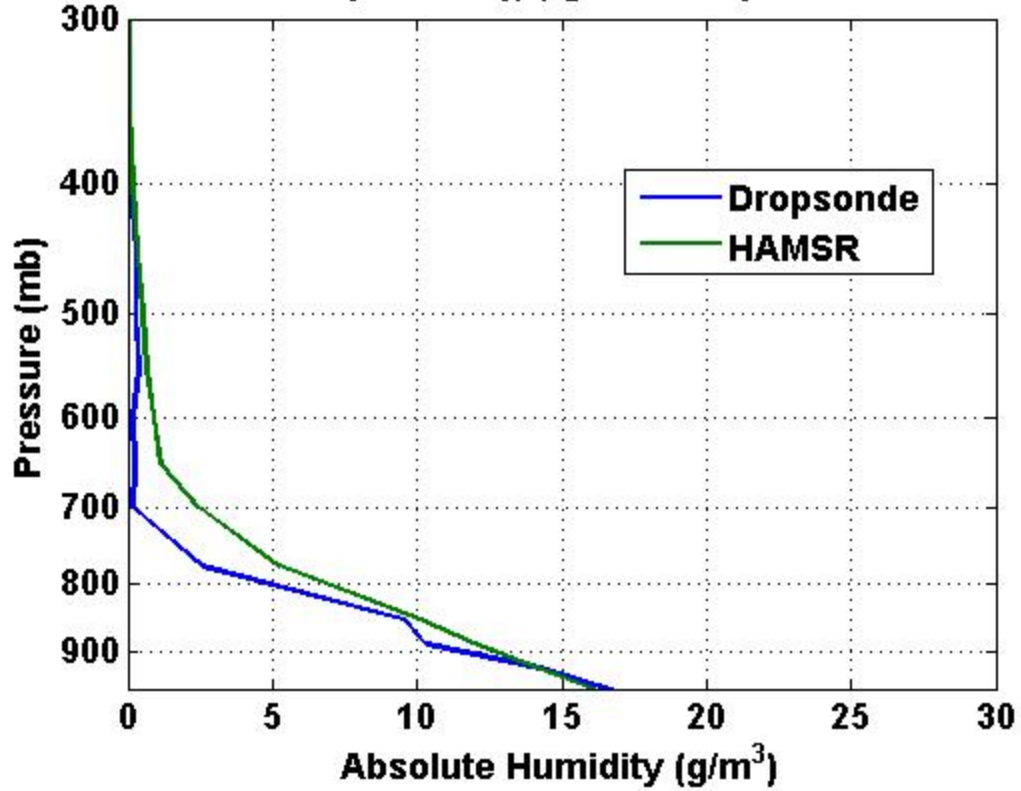


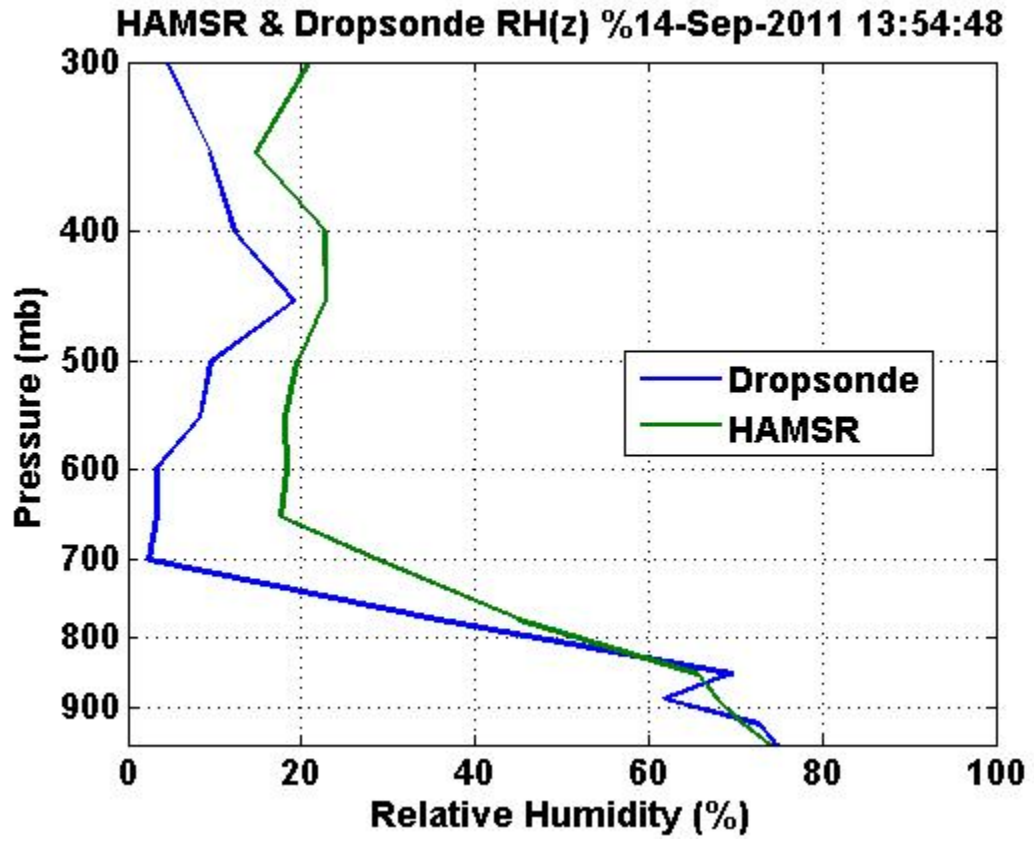
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HAMSr & Dropsonde T(z) °C 14-Sep-2011 13:54:48



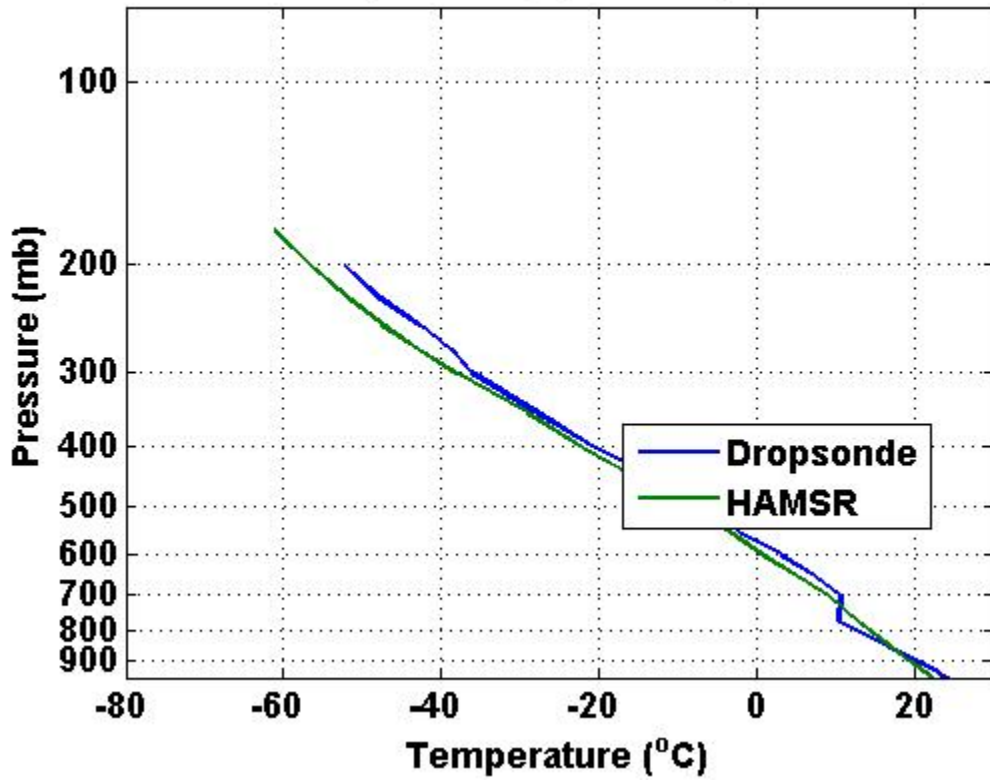
HAMSr & Dropsonde q(z) g/m³ 14-Sep-2011 13:54:48



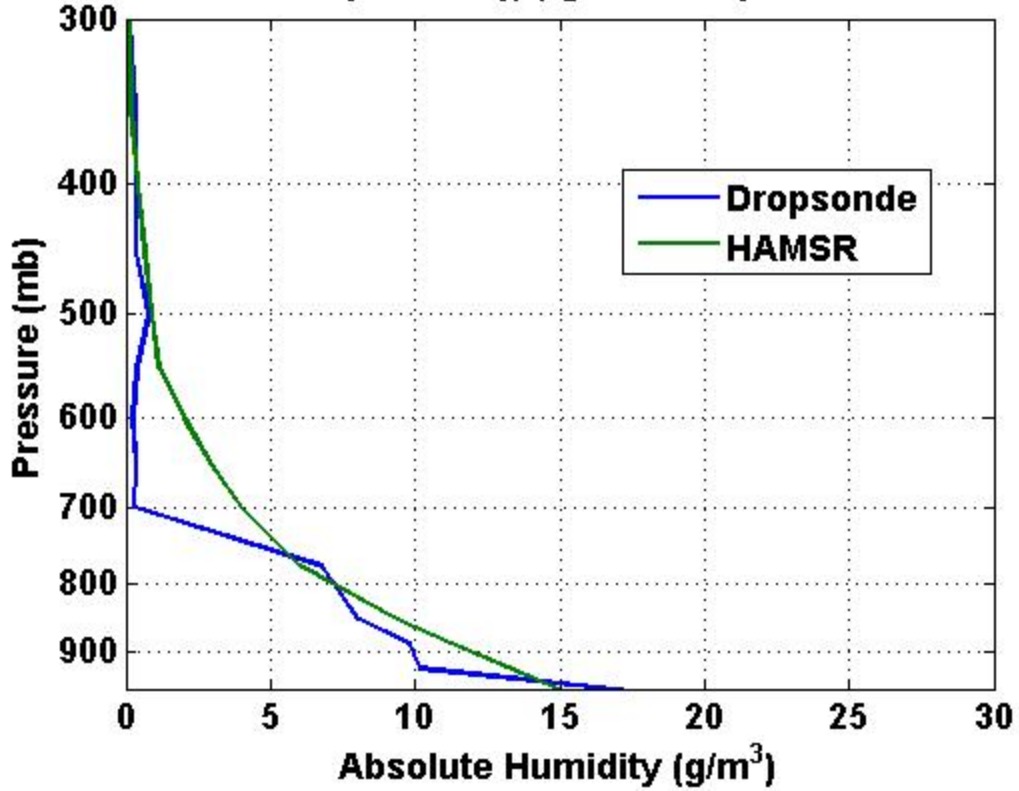


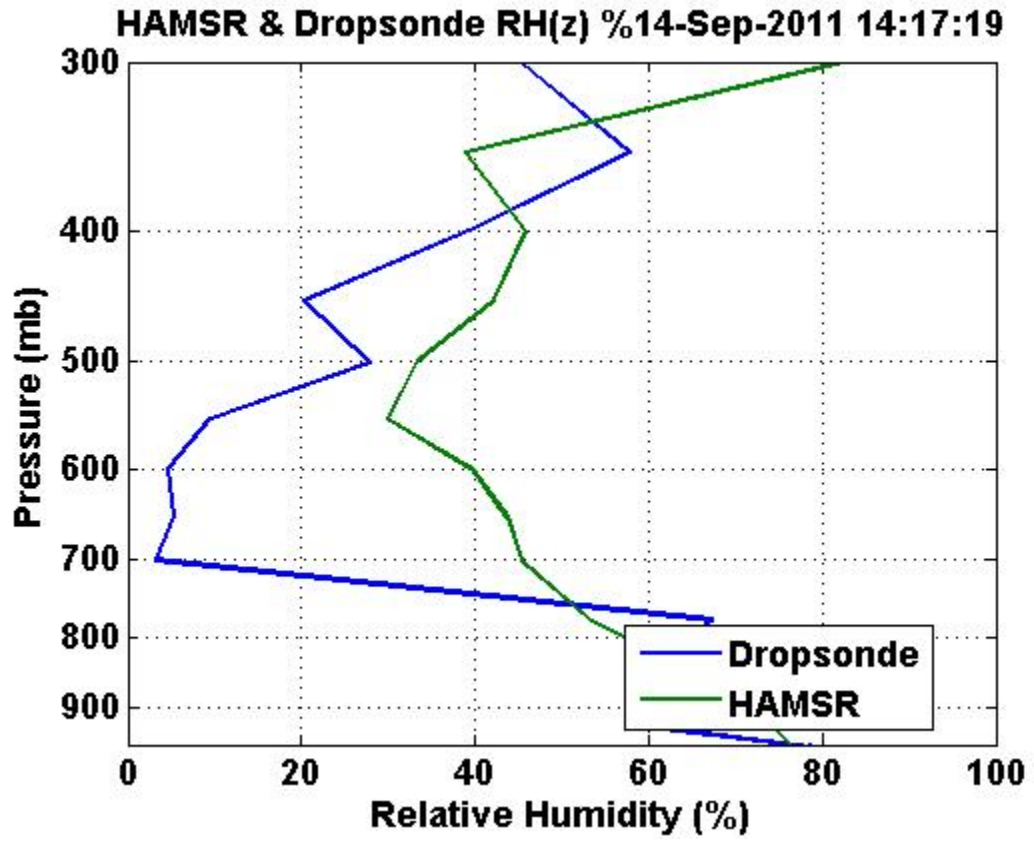
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HAMSR & Dropsonde T(z) °C 14-Sep-2011 14:17:19



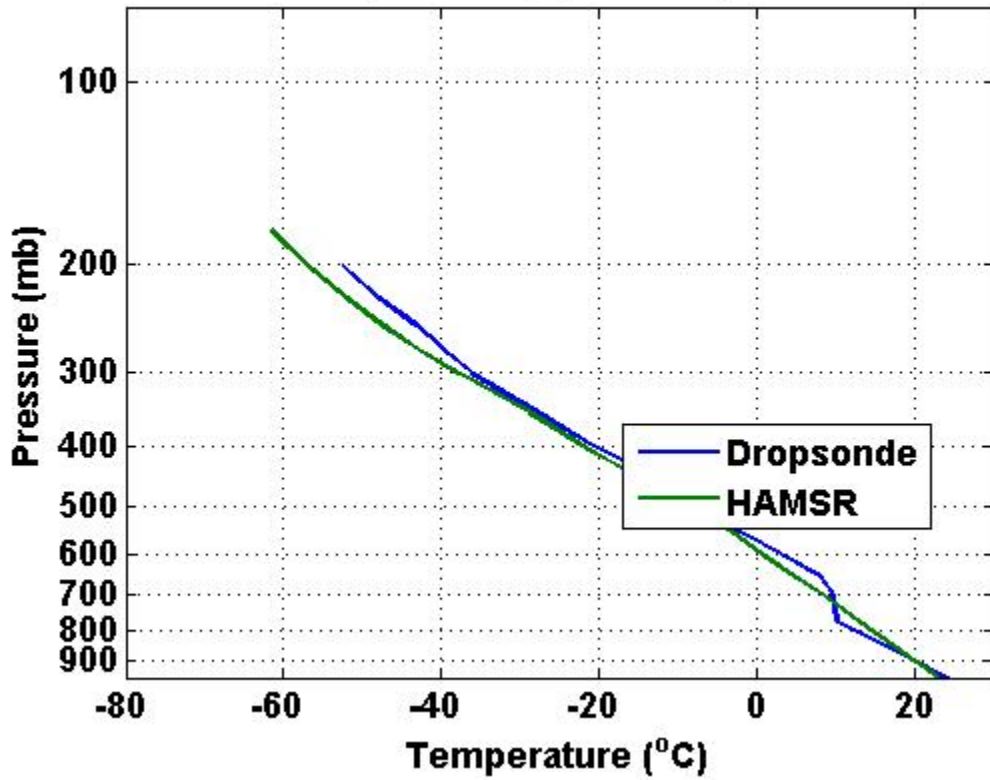
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 14:17:19



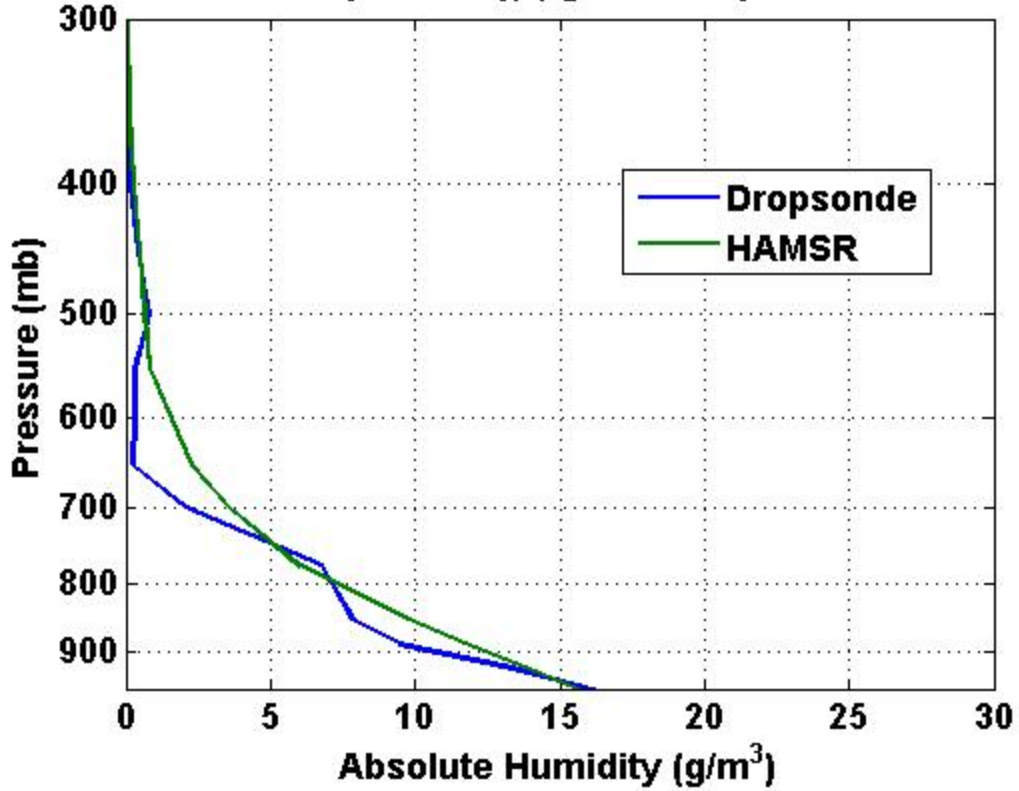


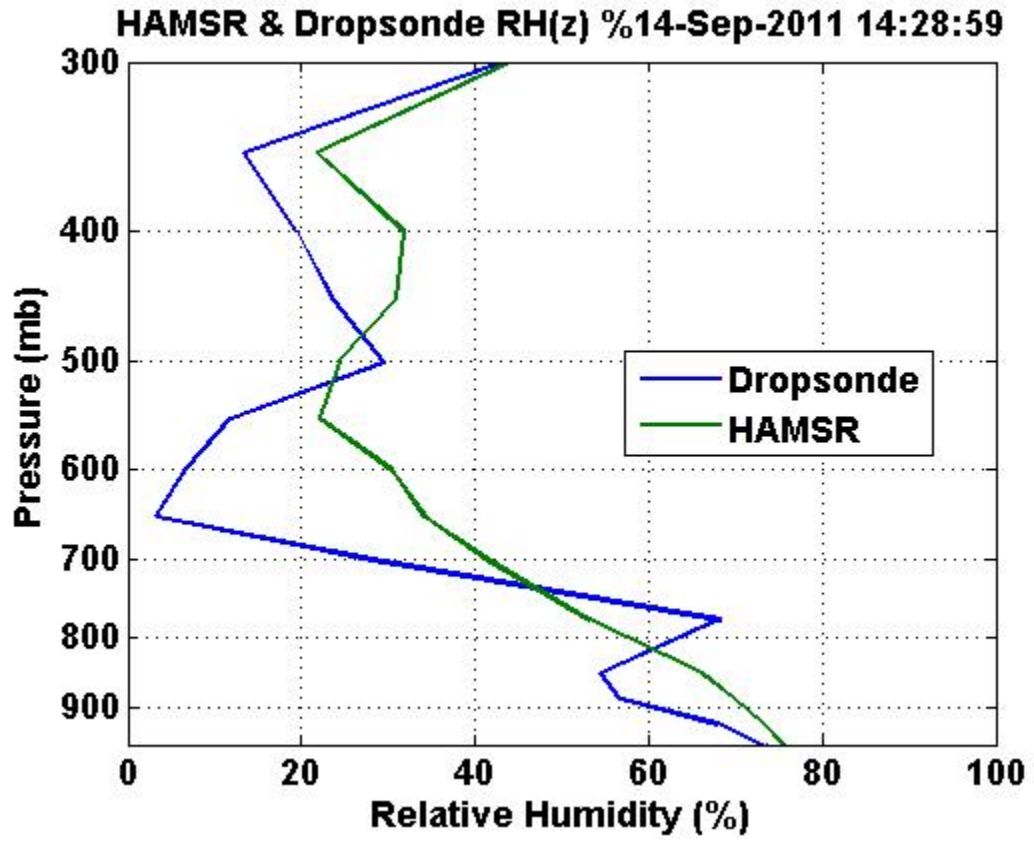
14-Sep-2011 14:28:59

HAMSR & Dropsonde T(z) °C 14-Sep-2011 14:28:59



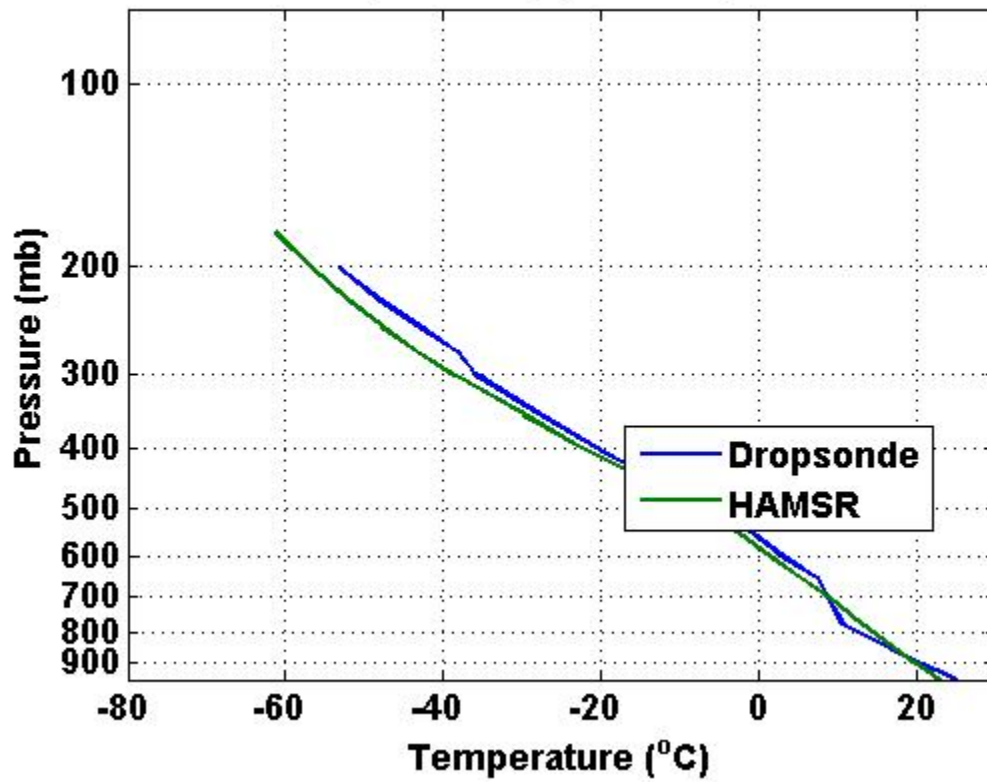
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 14:28:59



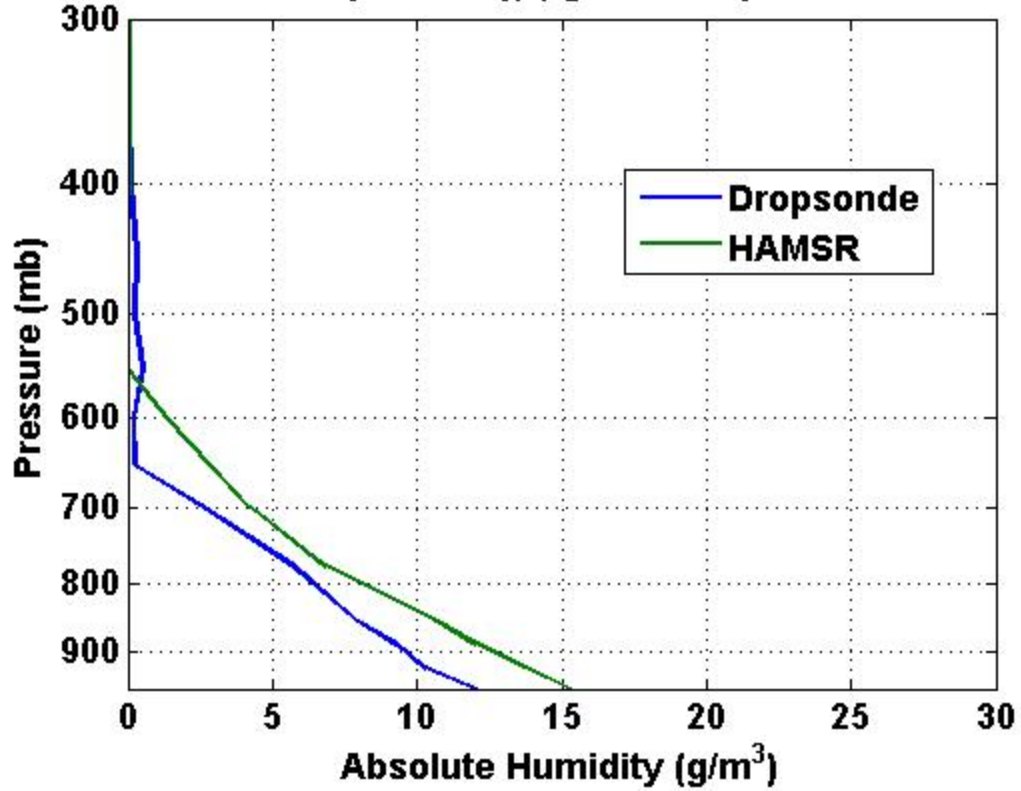


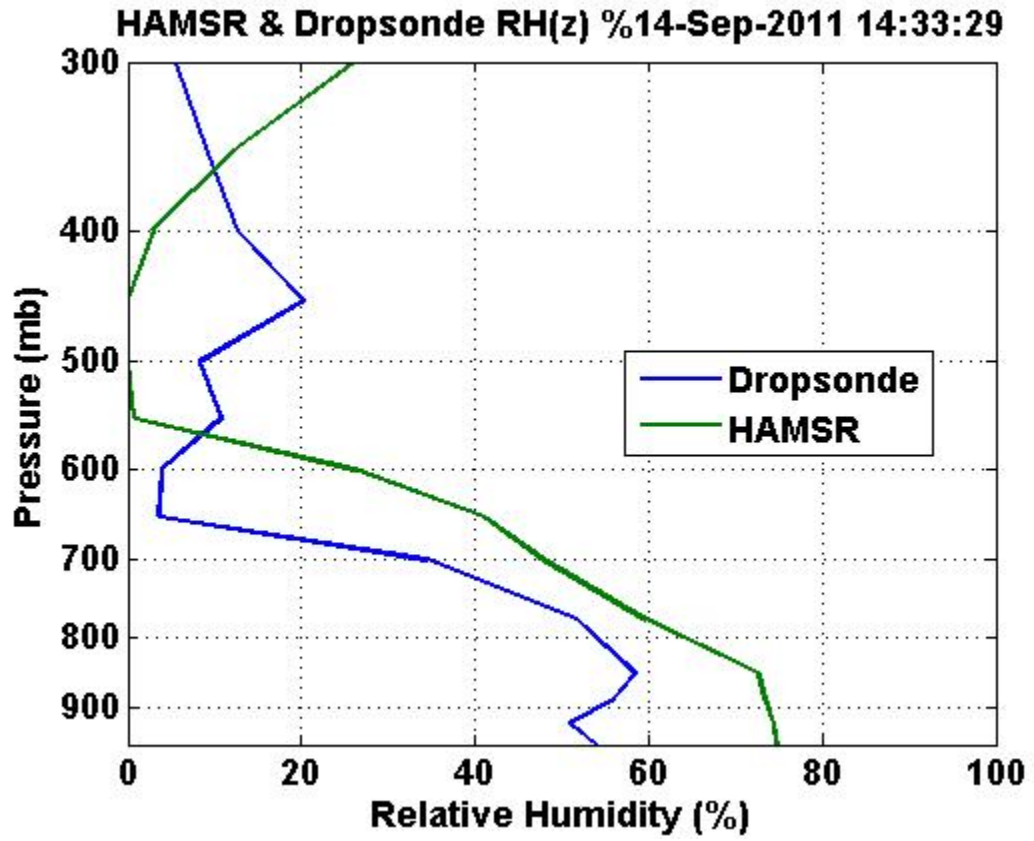
14-Sep-2011 14:33:29

HAMSR & Dropsonde T(z) °C 14-Sep-2011 14:33:29



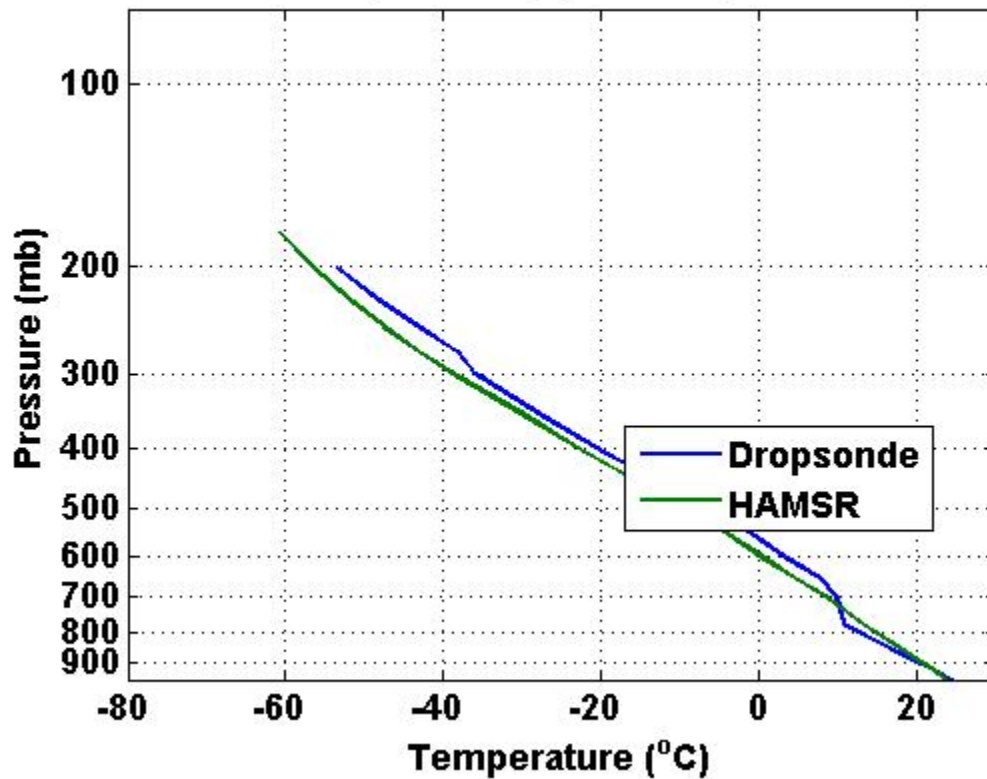
HAMSR & Dropsonde q(z) g/m³ 14-Sep-2011 14:33:29



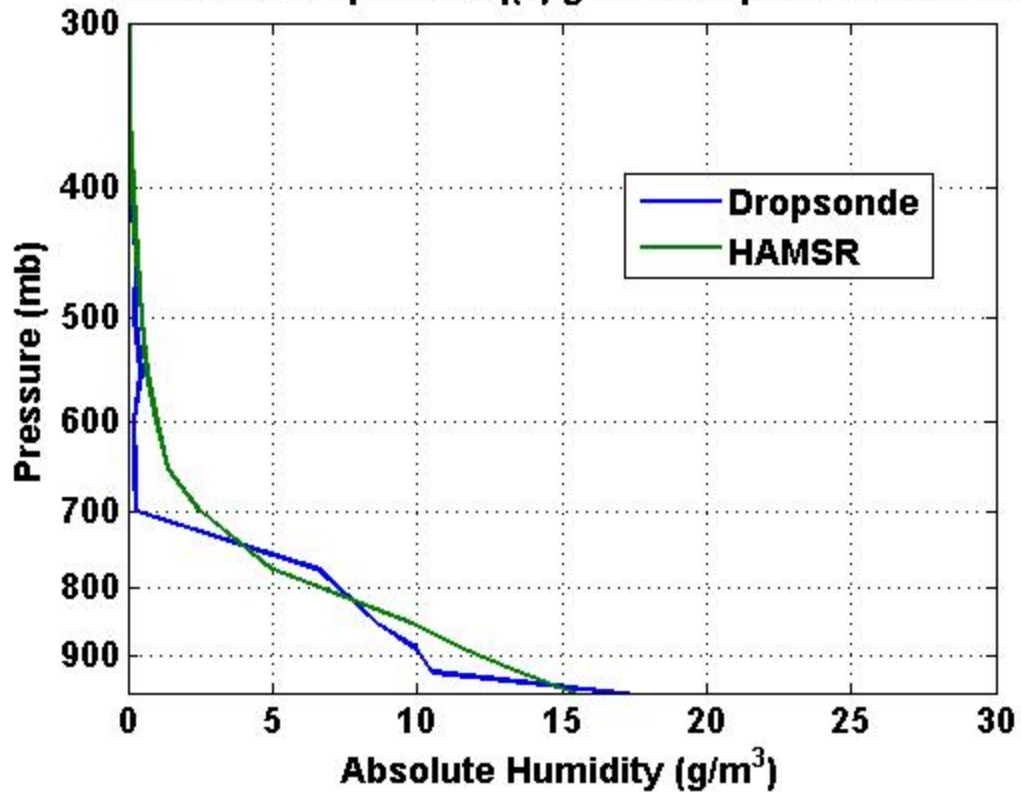


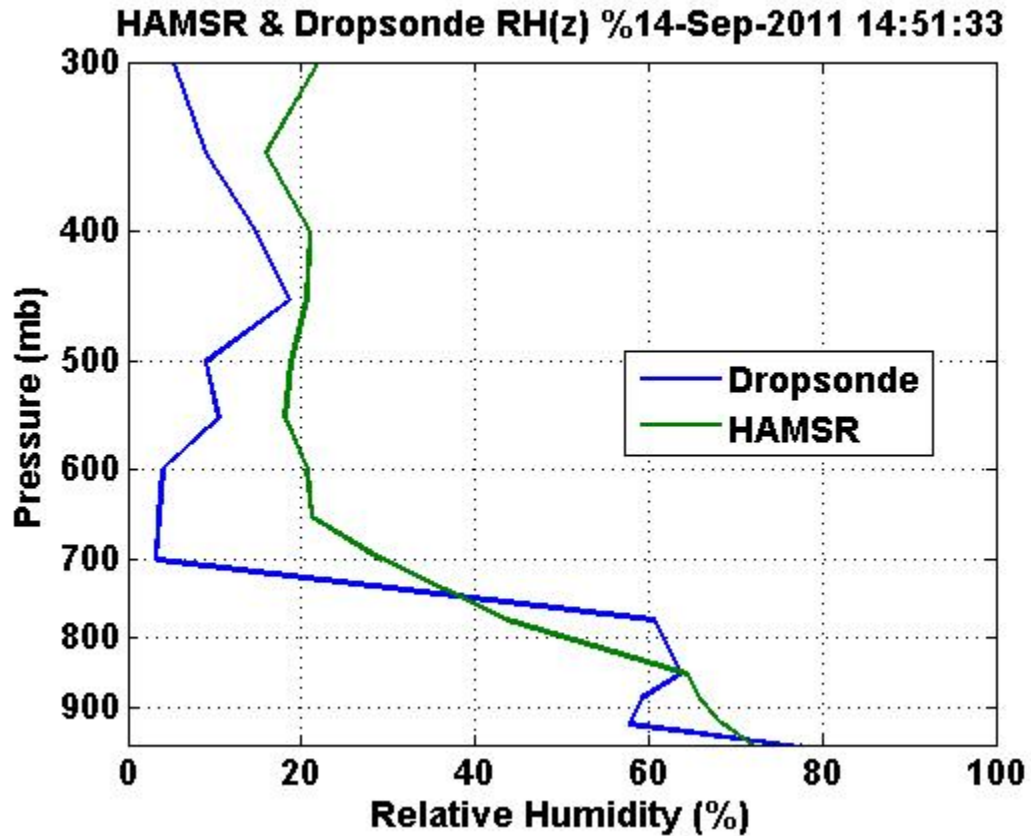
14-Sep-2011 14:51:33

HAMSr & Dropsonde T(z) °C 14-Sep-2011 14:51:33



HAMSr & Dropsonde q(z) g/m³ 14-Sep-2011 14:51:33

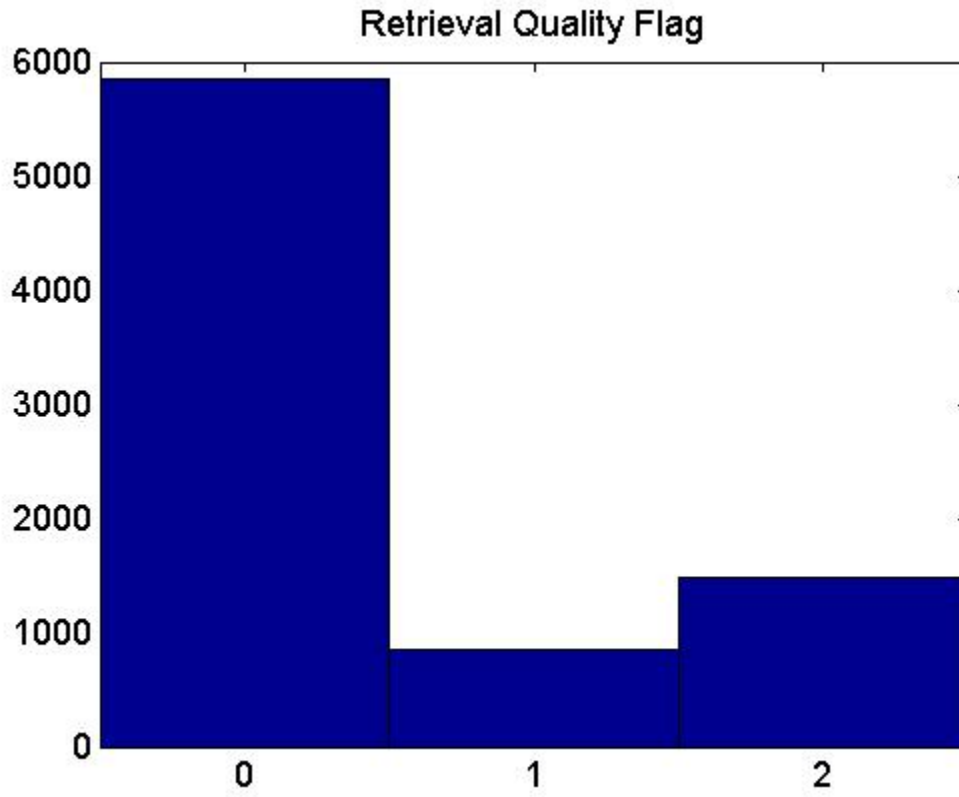




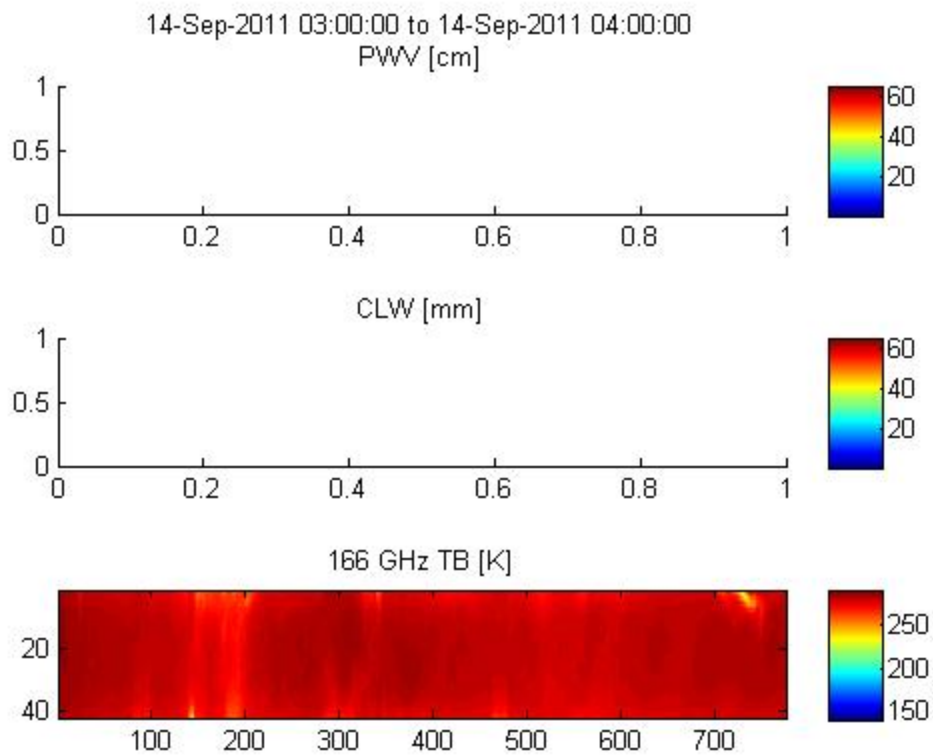
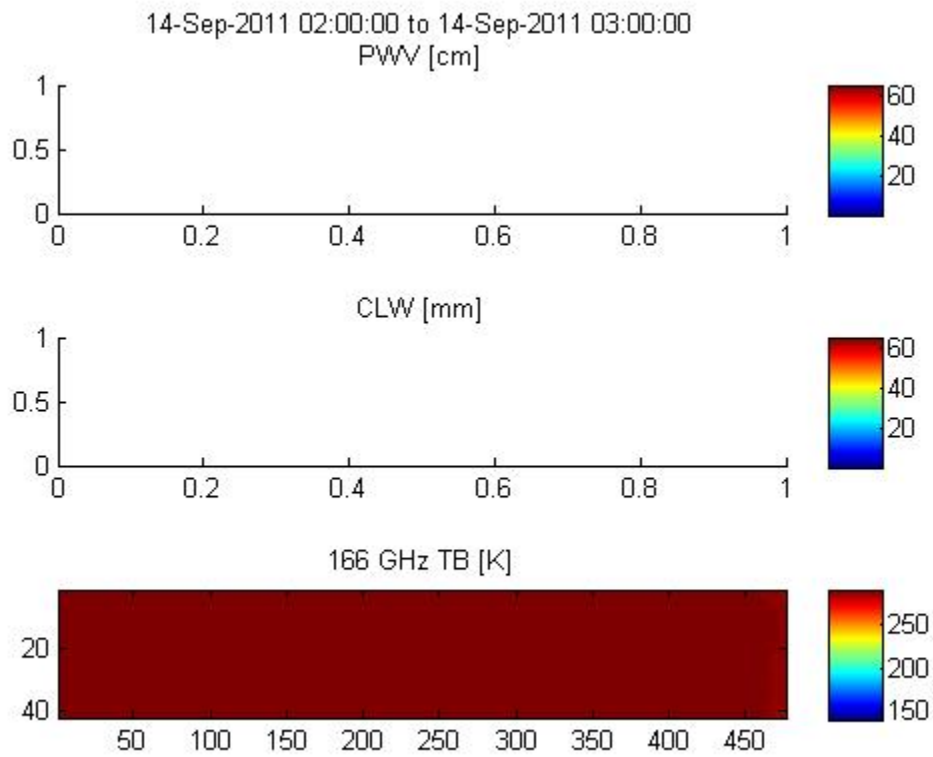
26 total dropsondes co-located

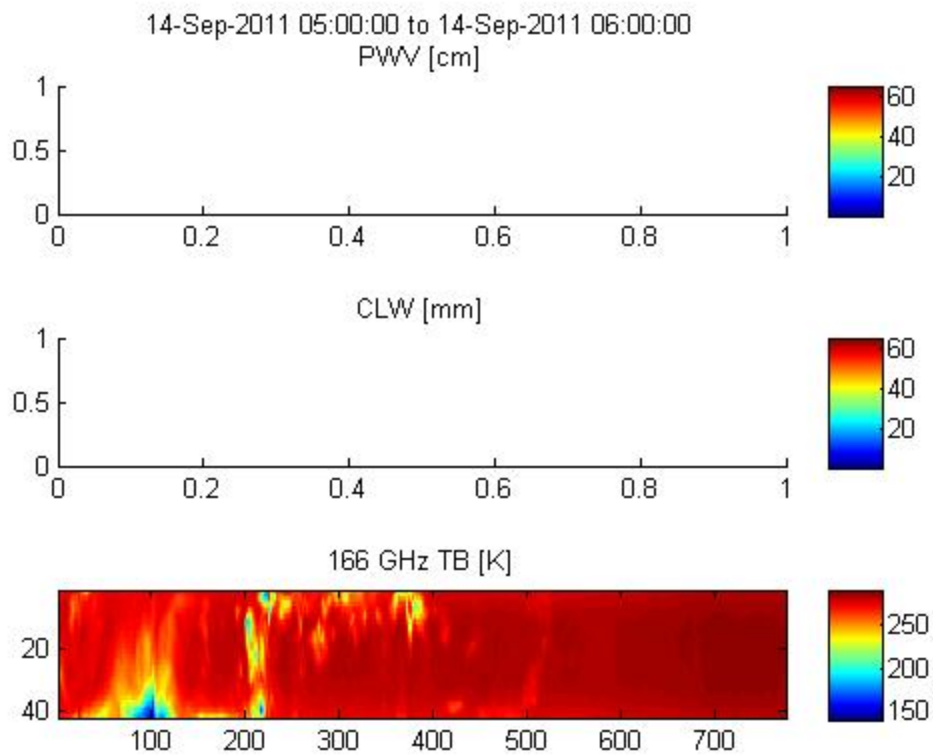
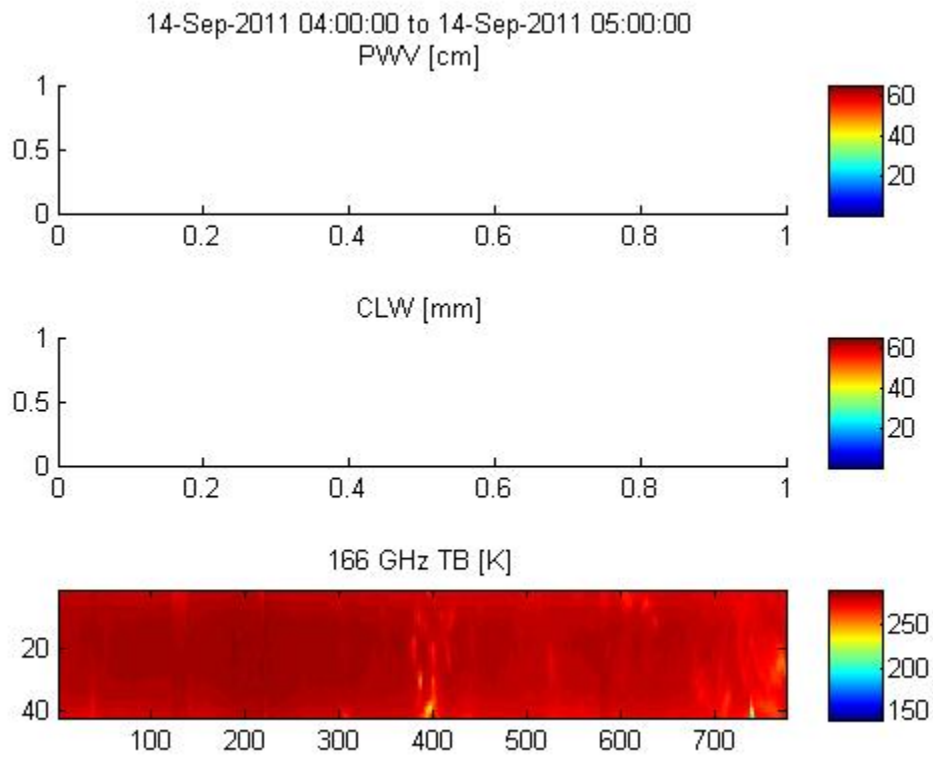
Retrieval Quality Flag Statistics

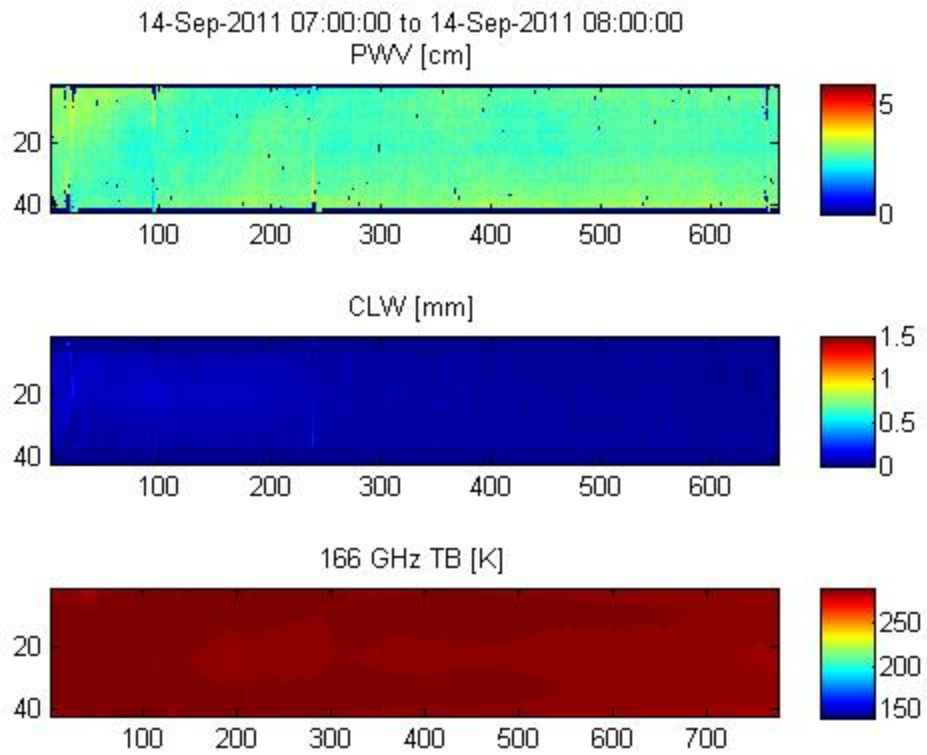
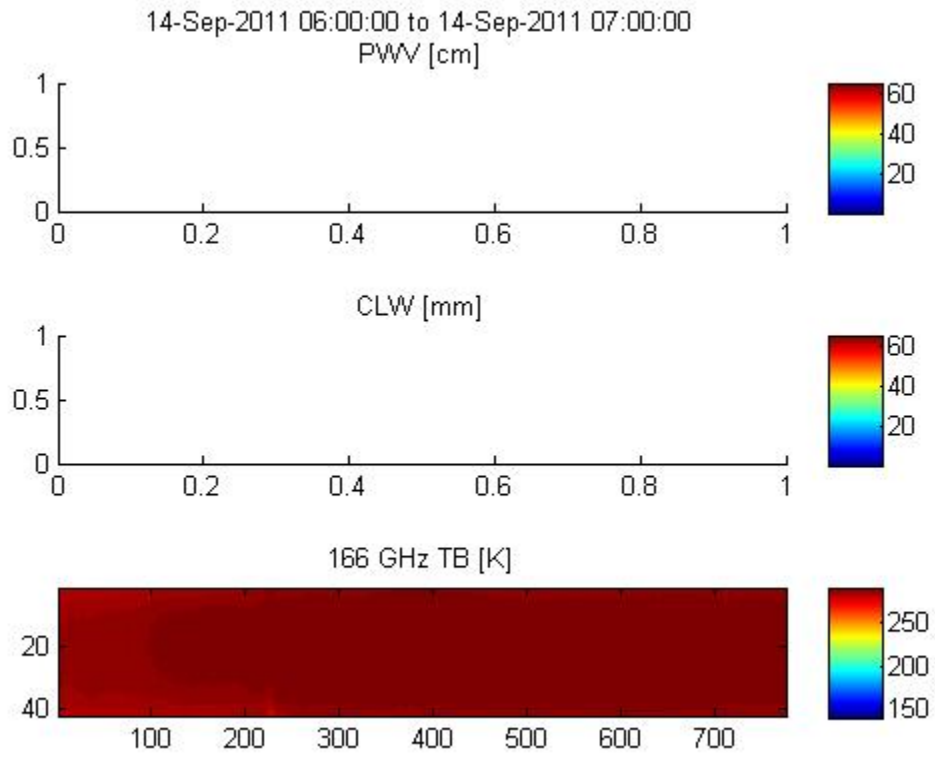
71.4827% with retrieval quality flag of 0
 10.3078% with retrieval quality flag of 1
 18.2096% with retrieval quality flag of 2



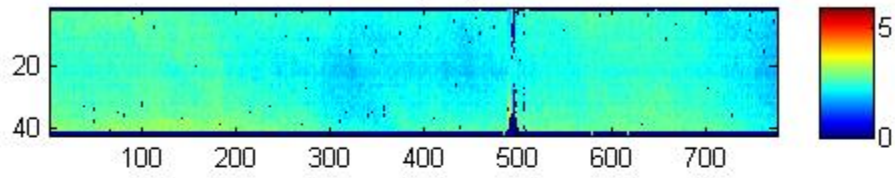
Flight Imagery



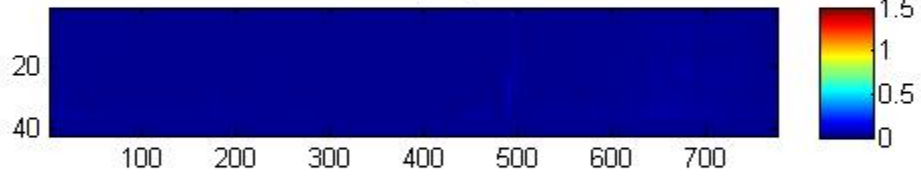




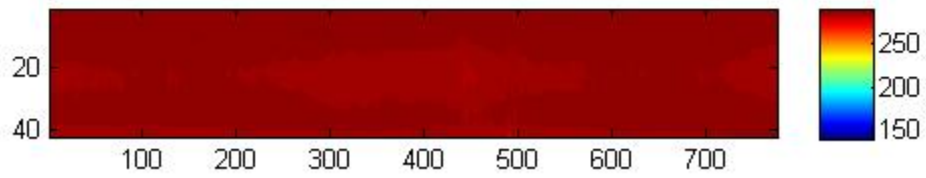
14-Sep-2011 08:00:00 to 14-Sep-2011 09:00:00
PWV [cm]



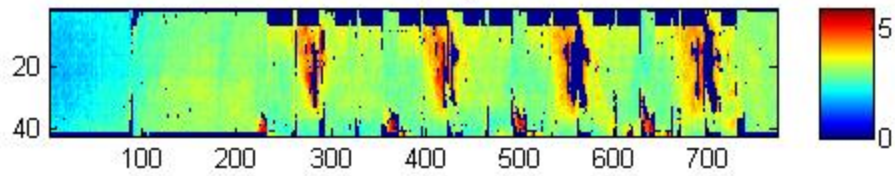
CLW [mm]



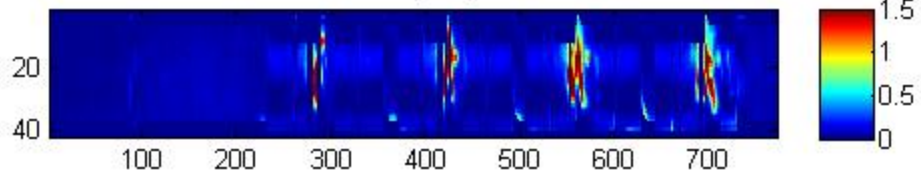
166 GHz TB [K]



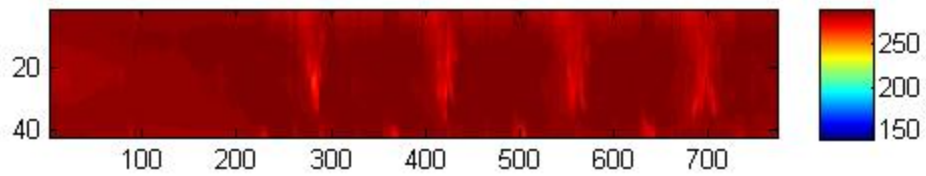
14-Sep-2011 09:00:00 to 14-Sep-2011 10:00:00
PWV [cm]

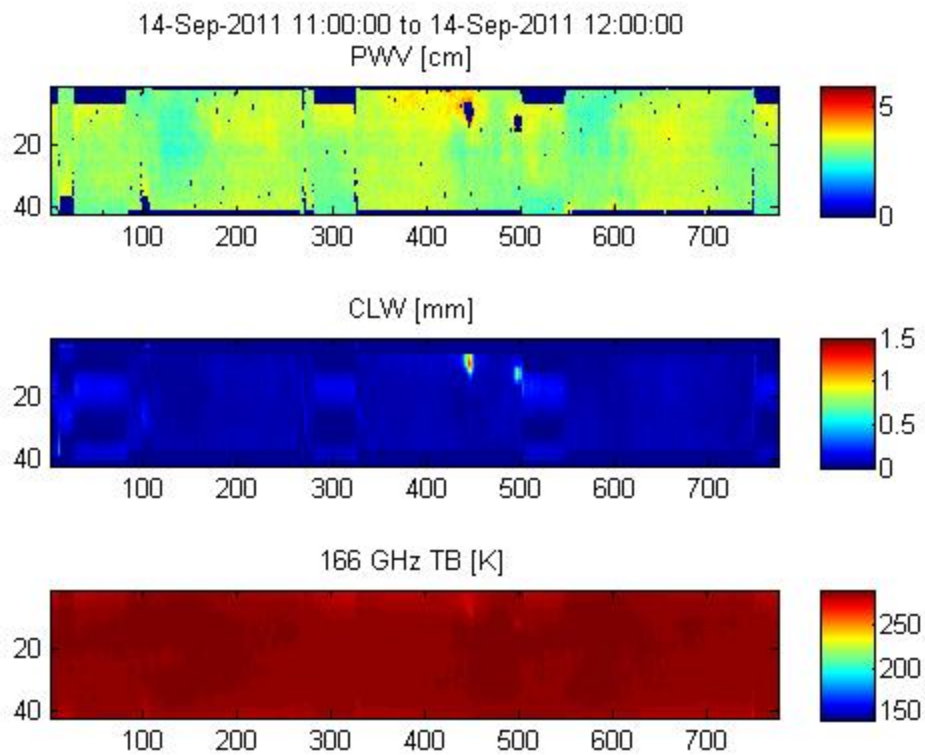
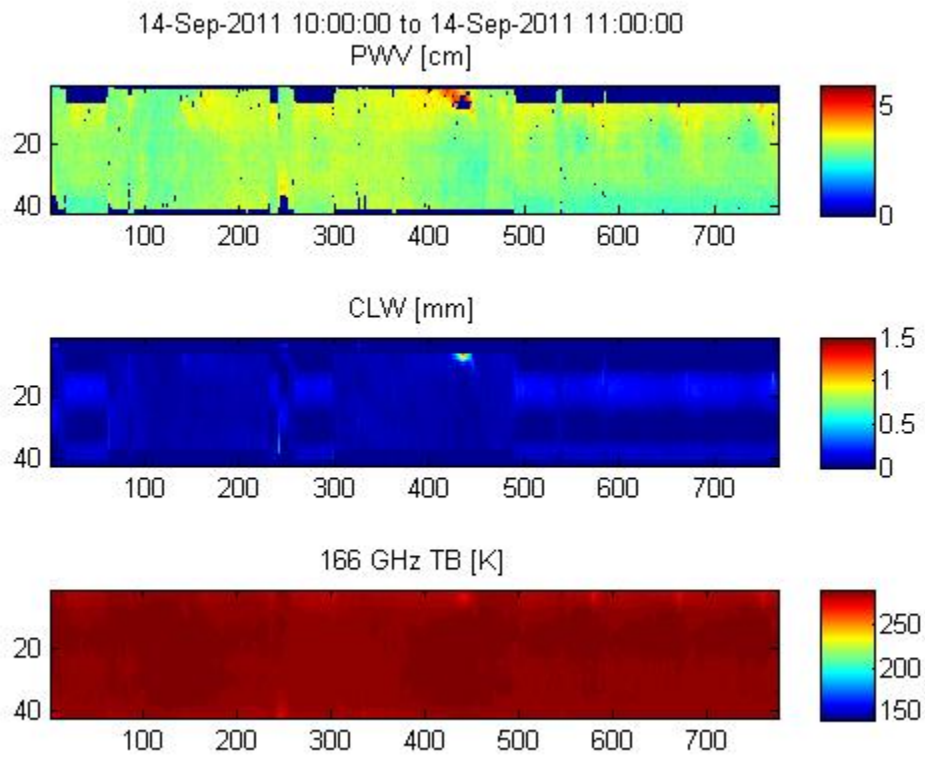


CLW [mm]

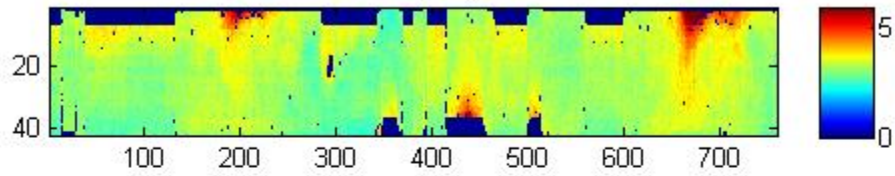


166 GHz TB [K]

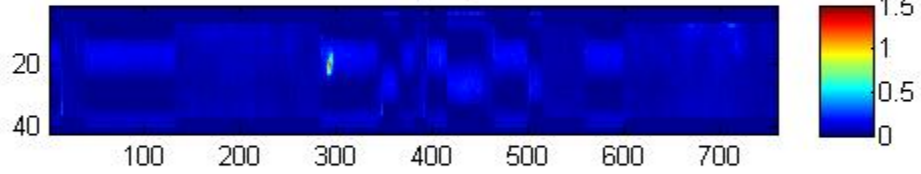




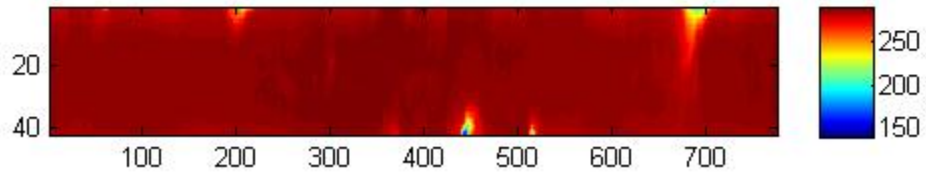
14-Sep-2011 12:00:00 to 14-Sep-2011 13:00:00
PWV [cm]



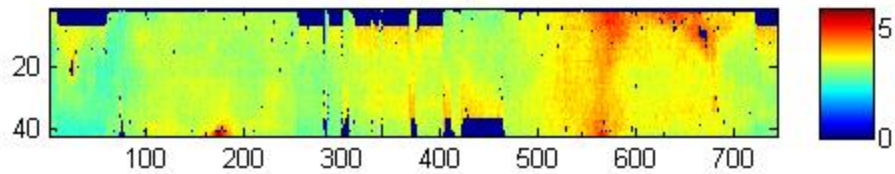
CLW [mm]



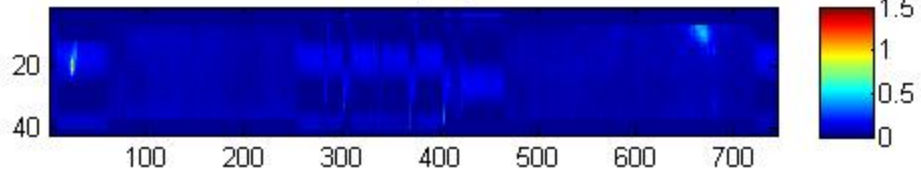
166 GHz TB [K]



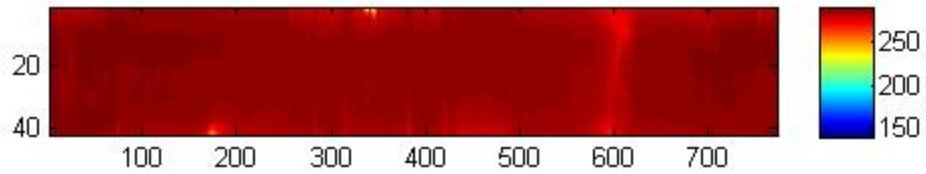
14-Sep-2011 13:00:00 to 14-Sep-2011 14:00:00
PWV [cm]



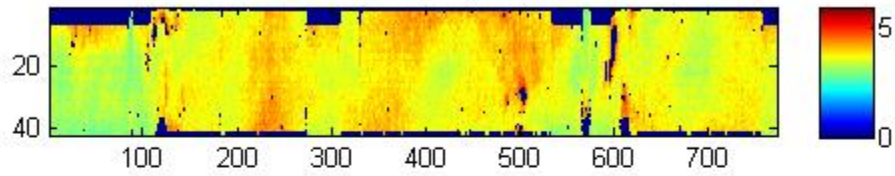
CLW [mm]



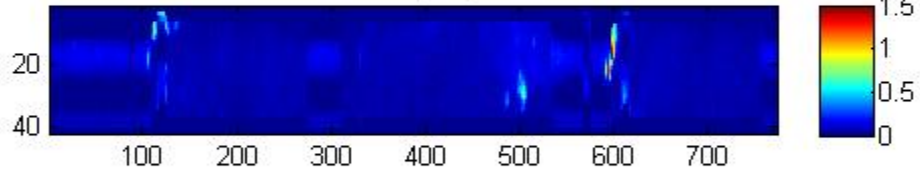
166 GHz TB [K]



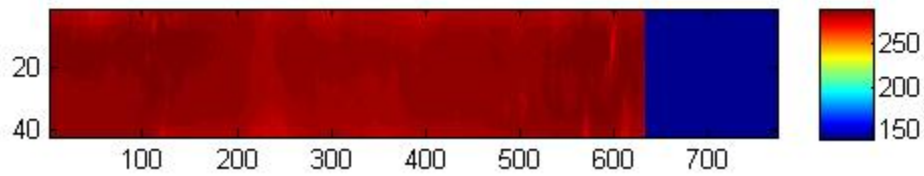
14-Sep-2011 14:00:00 to 14-Sep-2011 15:00:00
PWV [cm]



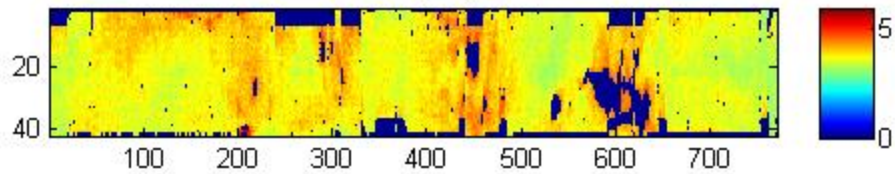
CLW [mm]



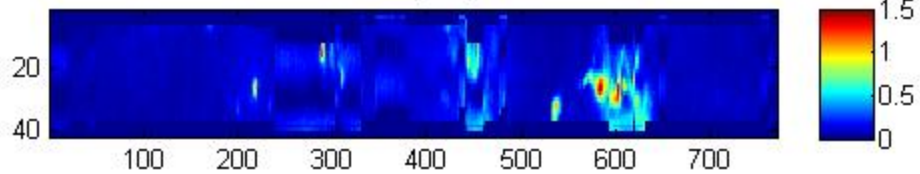
166 GHz TB [K]



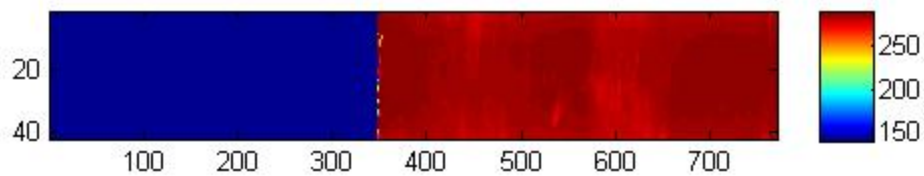
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PWV [cm]

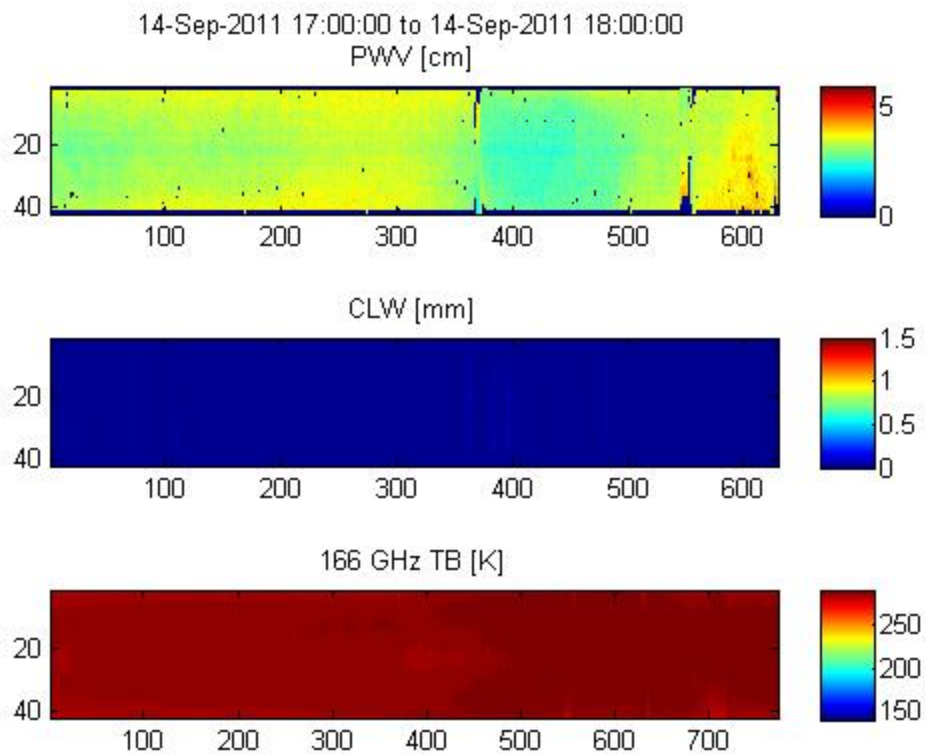
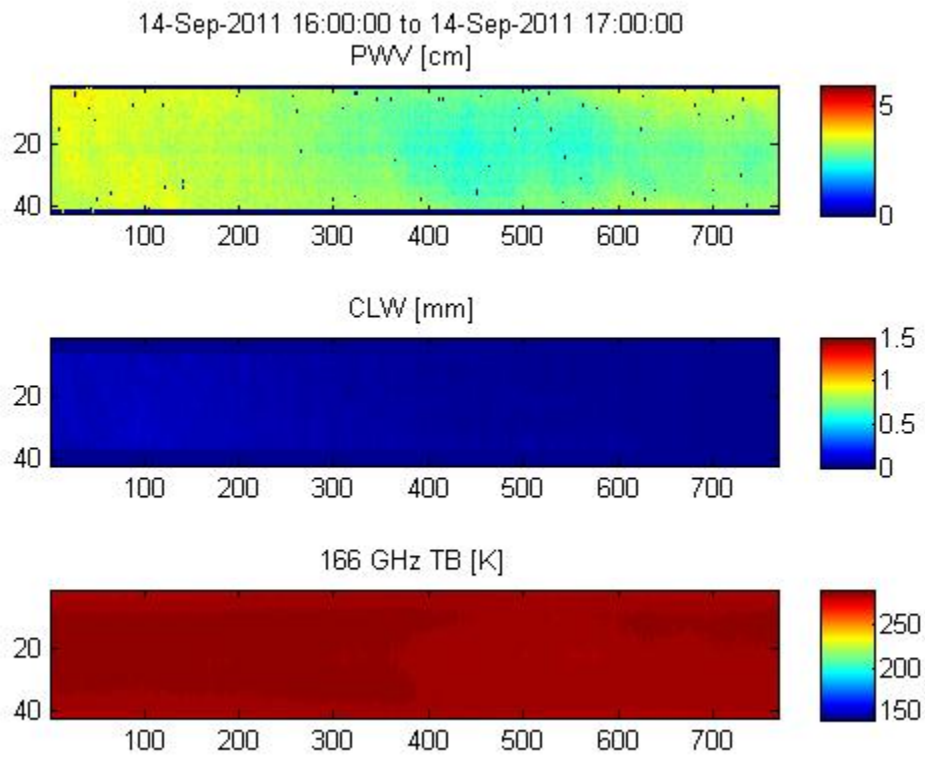


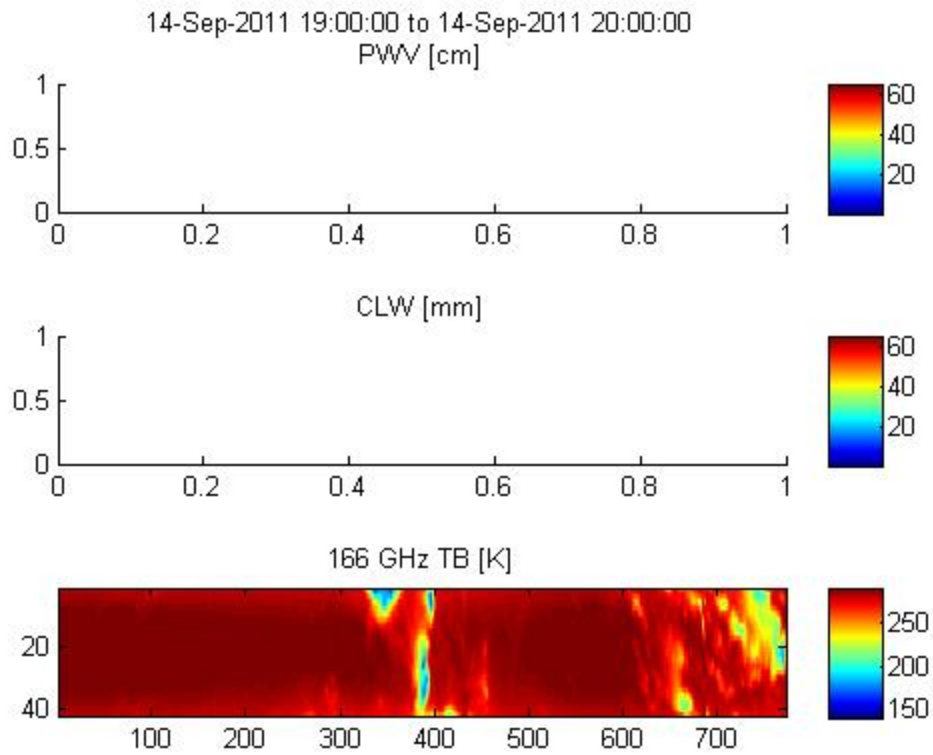
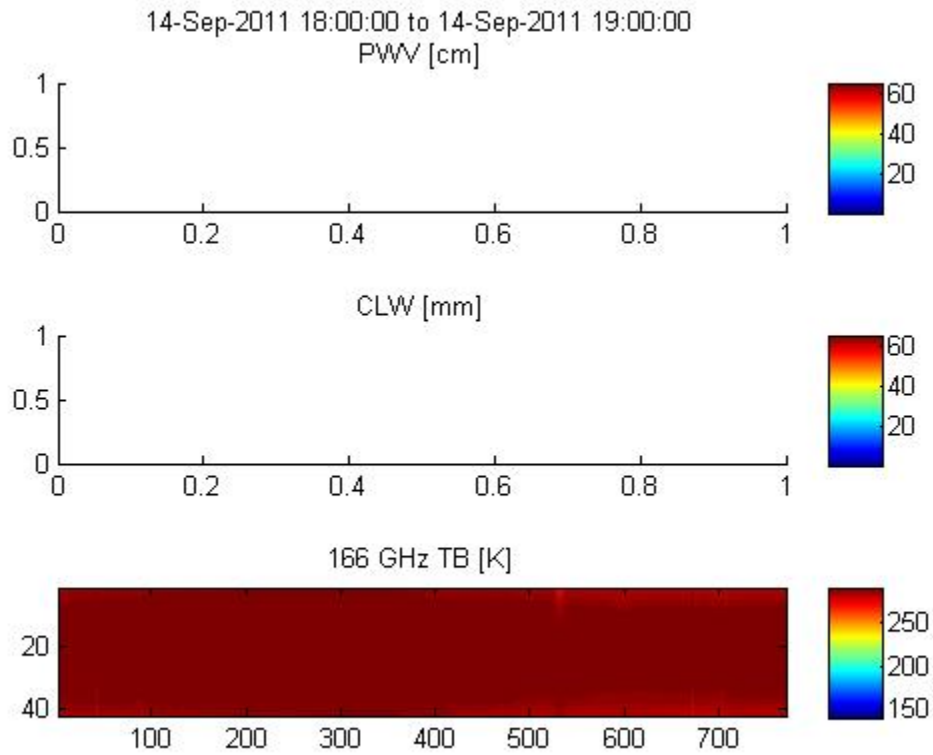
CLW [mm]

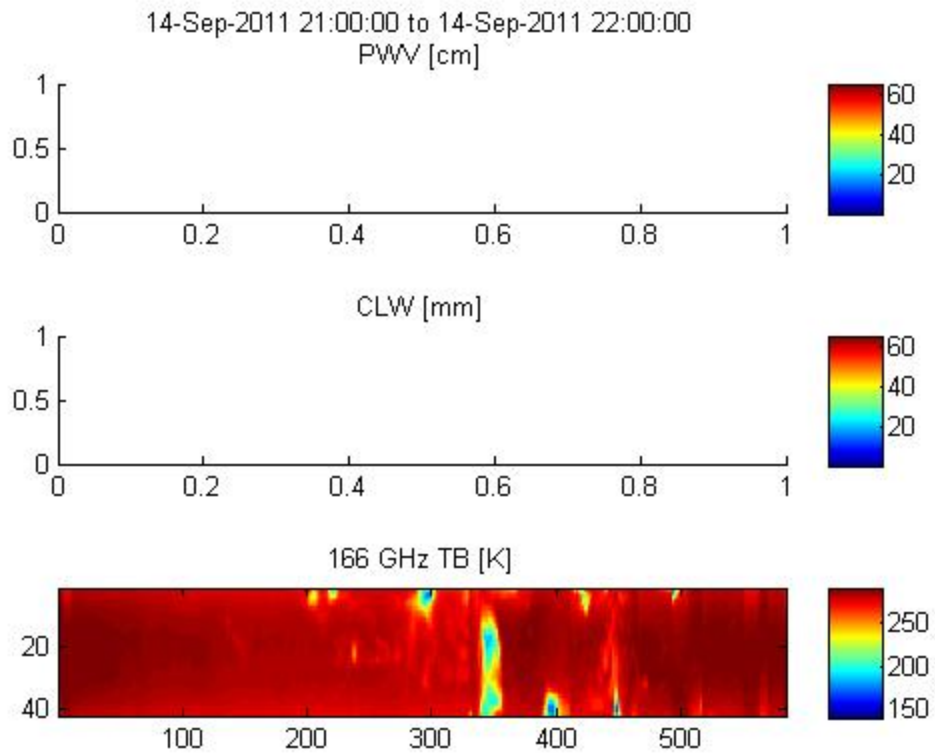
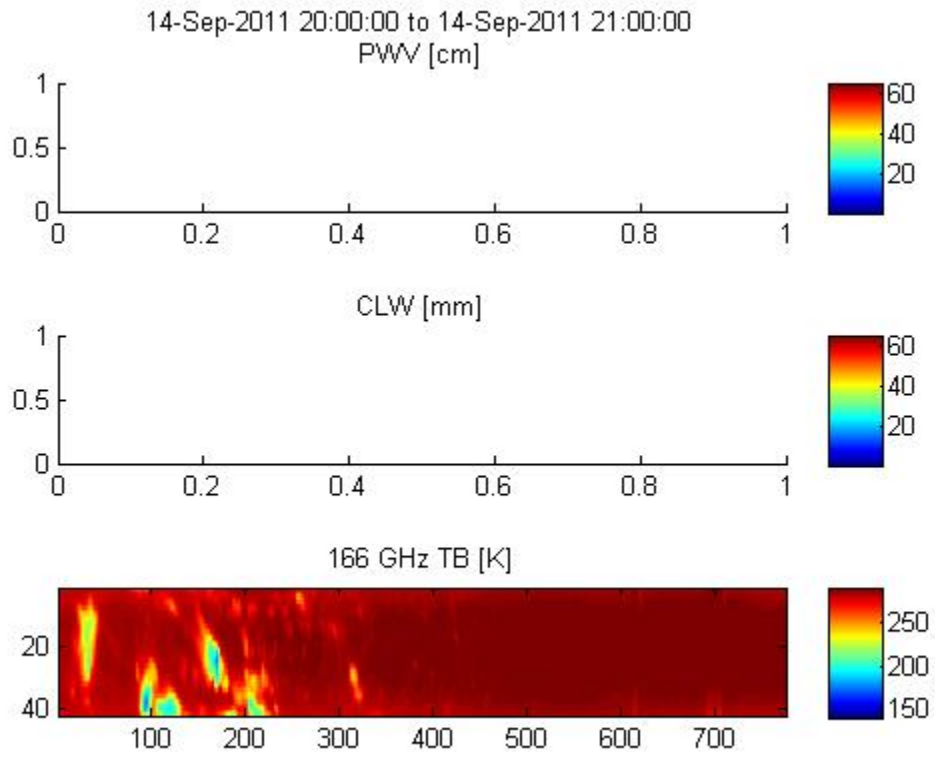


166 GHz TB [K]









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