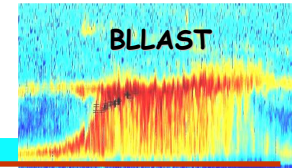


Tethered balloons



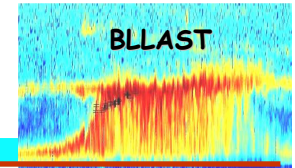
Site 2: mean meteorological parameters

Fabienne Lohou, Daniel Alexander, Guylaine Canut, Fleur Couvreur, Clara Darbieu, Solène Derrien, Cheikh Dione, Anirban Garai, Marie Lothon, Eric Pardyjak

Site 1: turbulent parameters

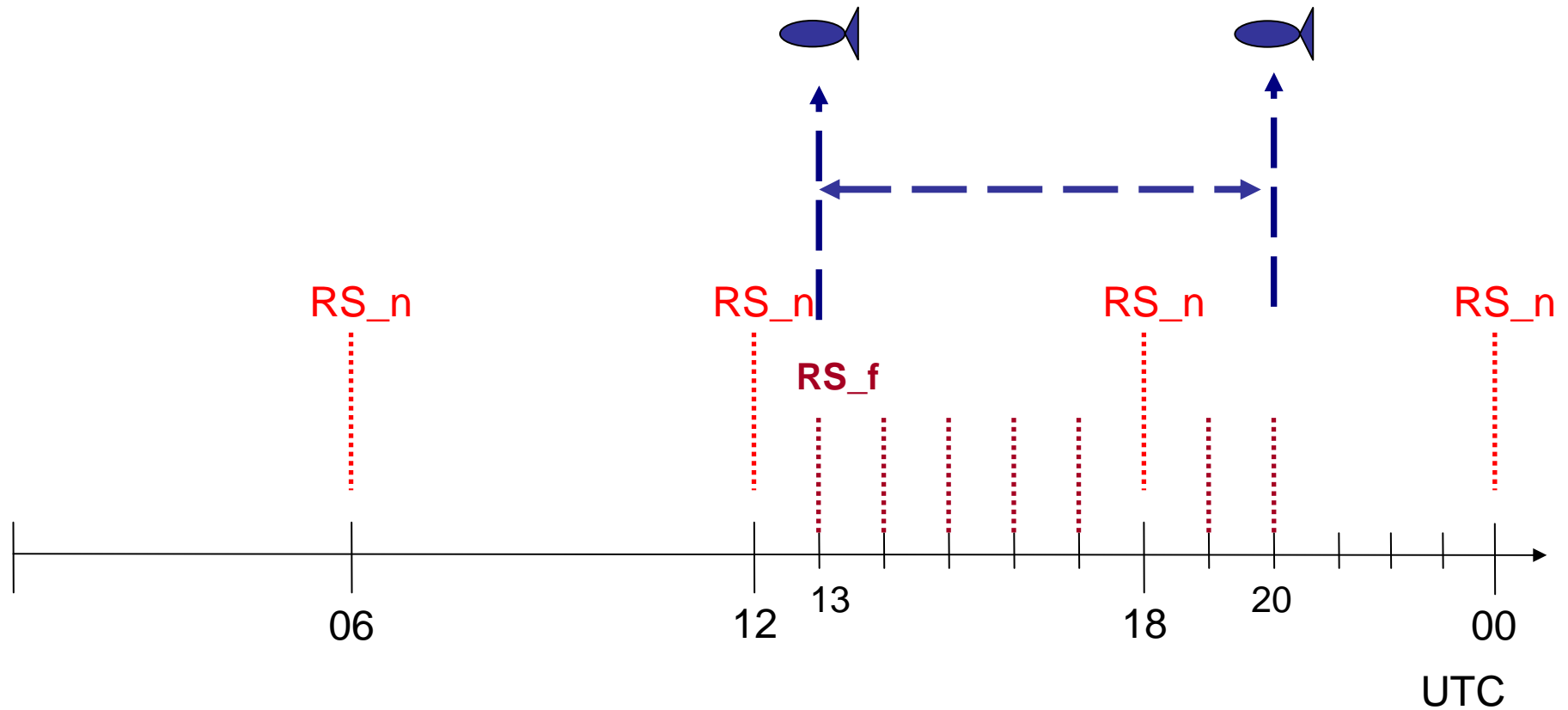
Bruno Piguet, Joël Barrié, Dominique Legain, Eric Moulin, Olivier Traullé, Diane Tzanos

Tethered and free balloons during bllast

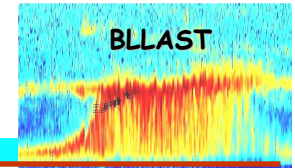


Site 1: CNRM/GAME with turbulent probe ~ Stationnary flight around 300 m AGL

Site 2: LA and UTAH Univ. 6 mean probes each ~ soundings from 0 – 500 m AGL



Site 2: mean meteorological parameters



Objectives: soundings of the low layers right above two of the three different vegetation covers at site 2: moor and corn.

Pressure

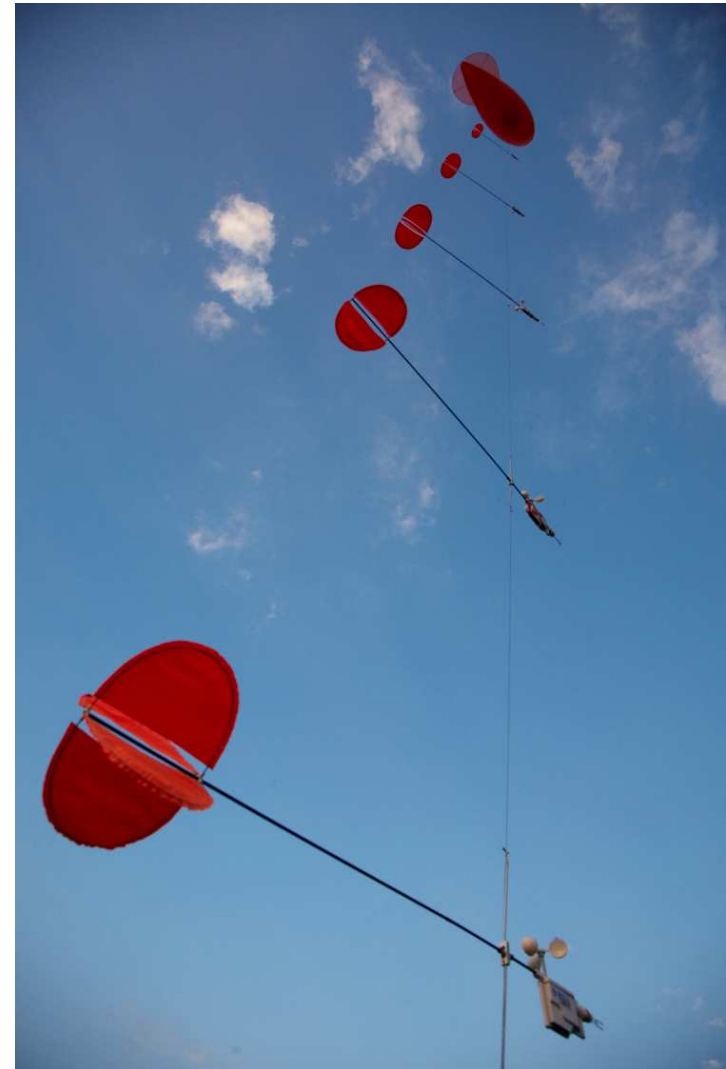
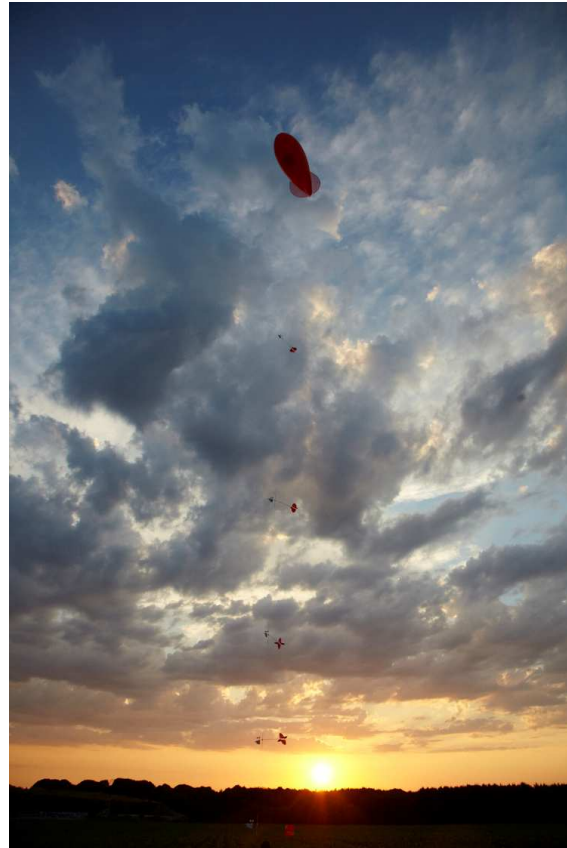
T

H (%)

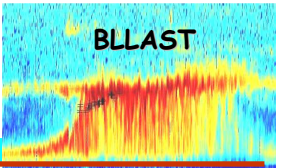
**Wind speed
& direction**

**Logarithmic
sensors spacing
under the balloon**

24, 15, 9, 5, 2 m

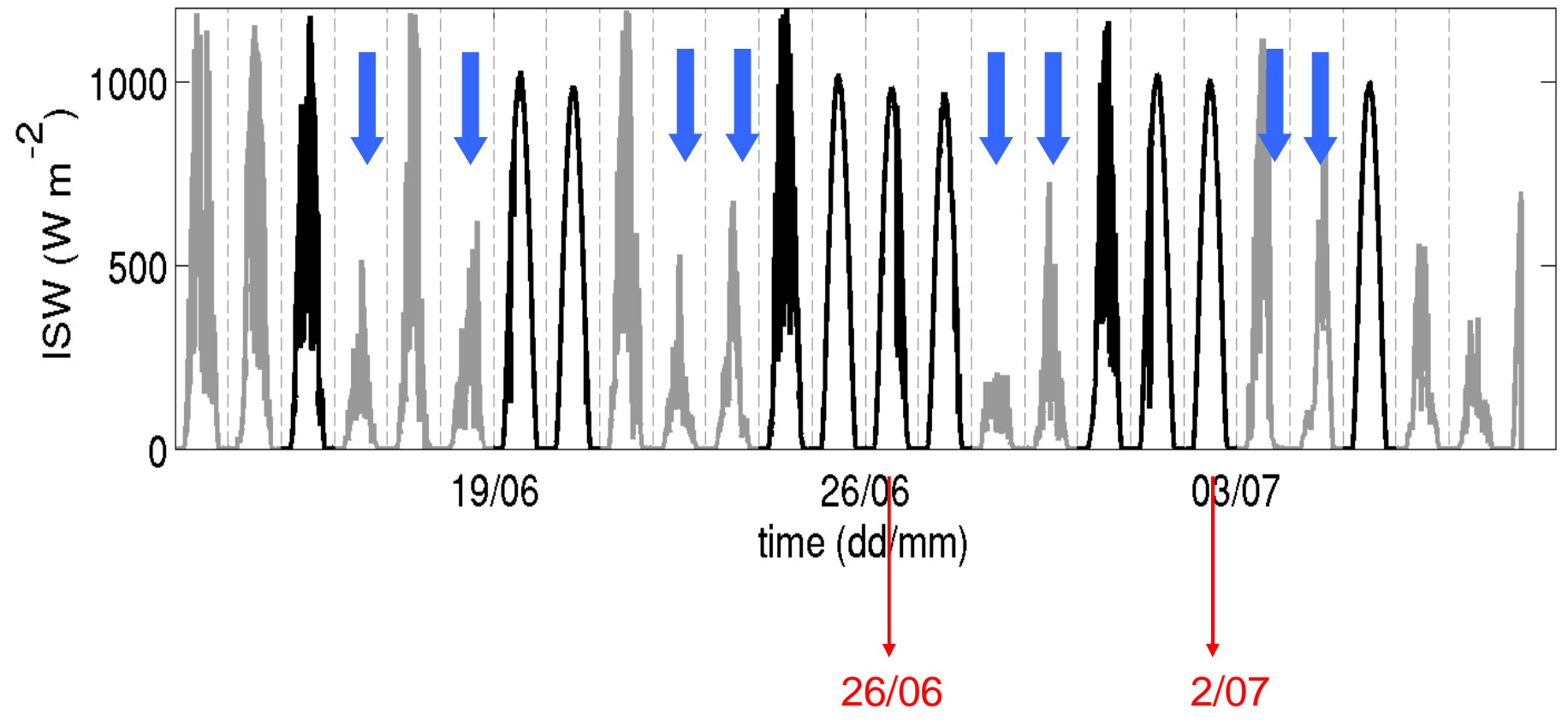


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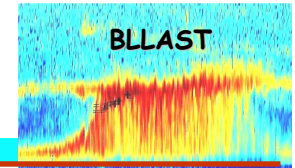


rain

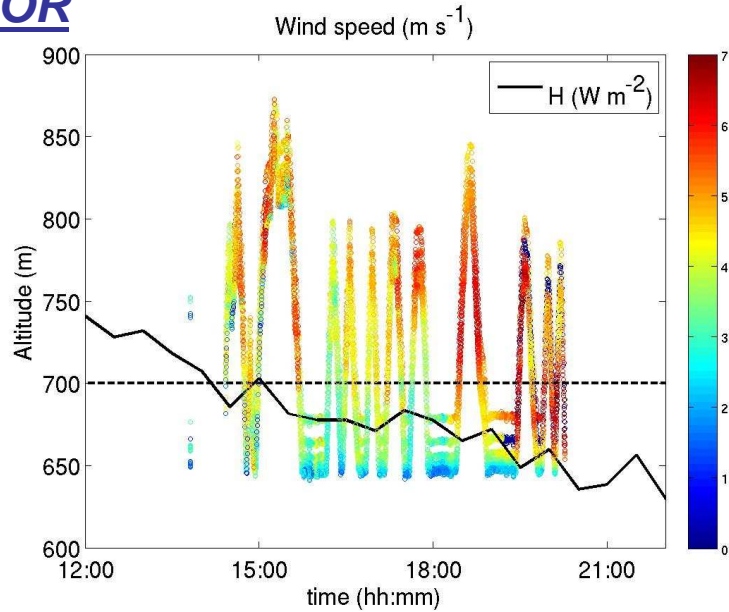
IOP 1 **IOP 2/3** **IOP 4-7** **IOP 8-10** **IOP 11**
15/6 **19-20/6** **24-27/6** **31/6 – 2/7** **5/7**



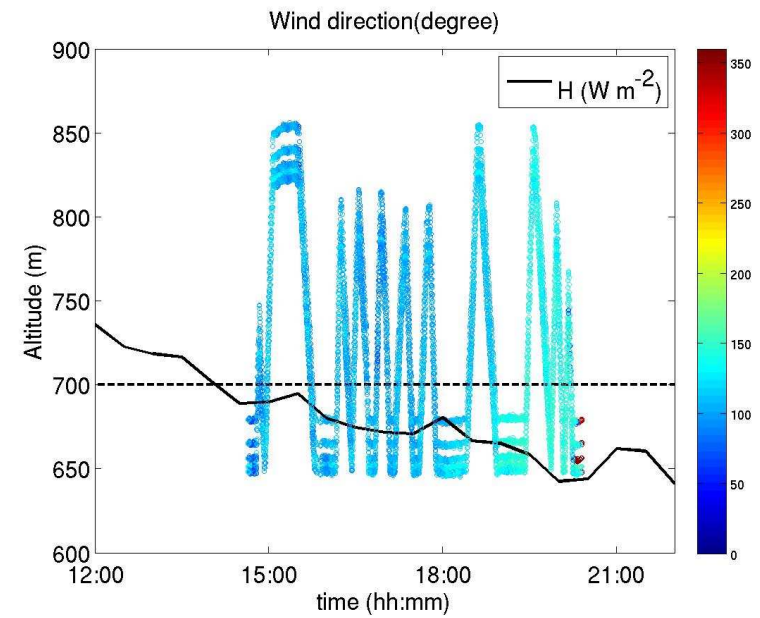
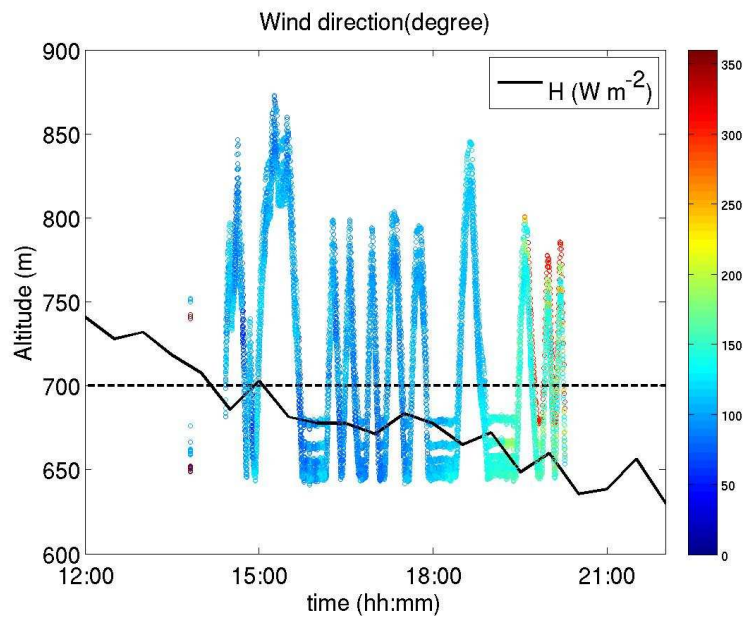
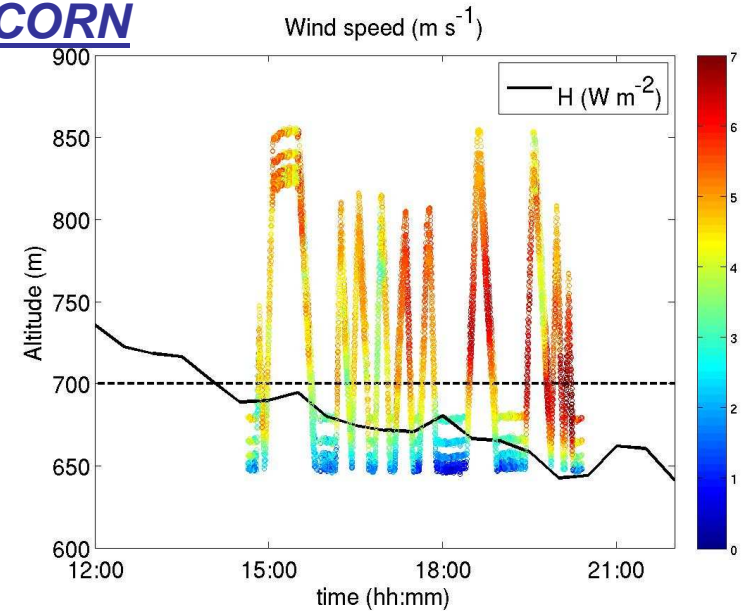
26th of June



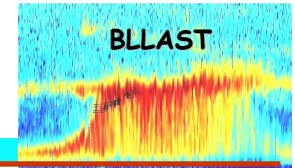
MOOR



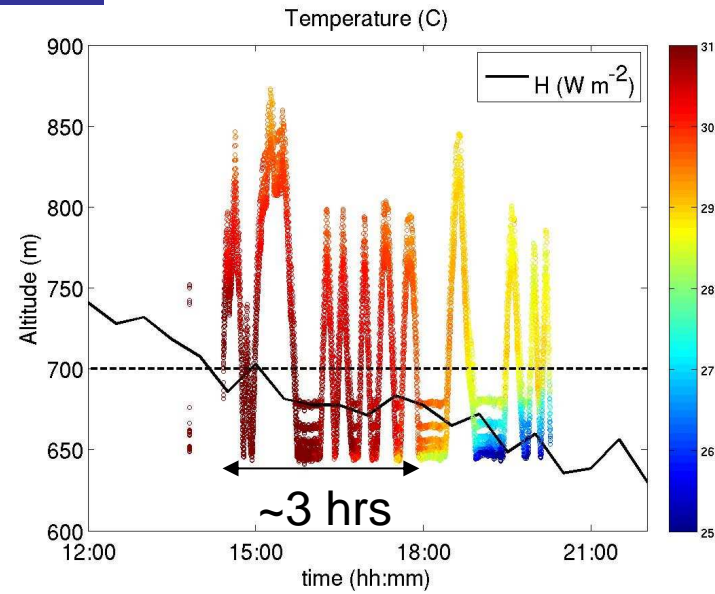
CORN



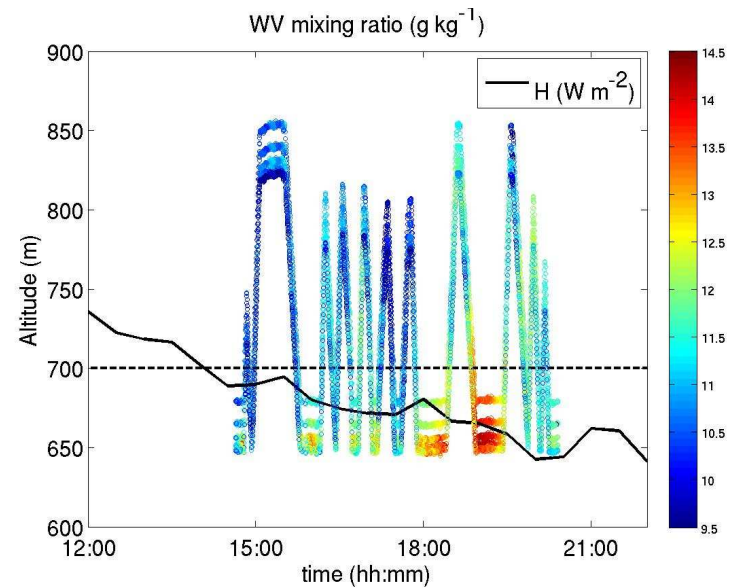
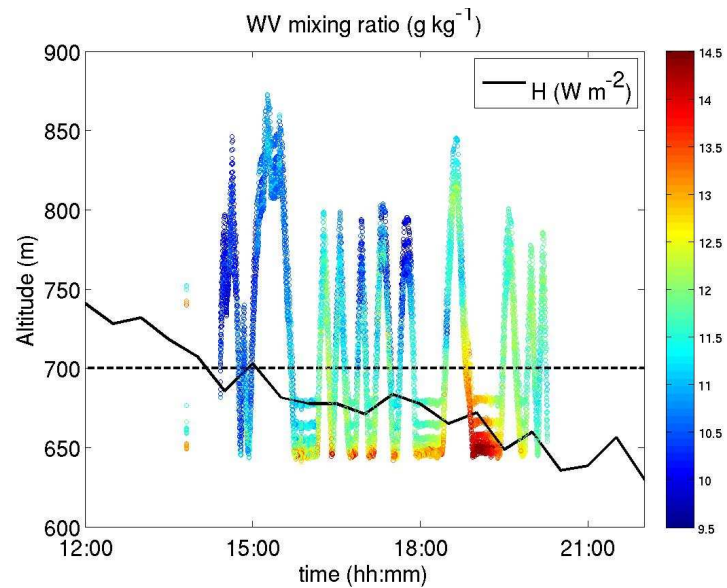
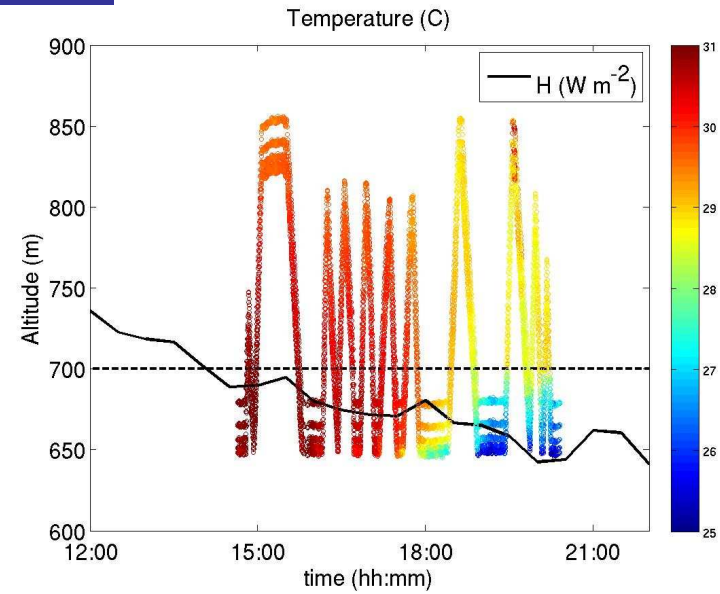
26th of June



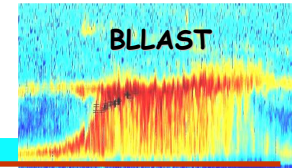
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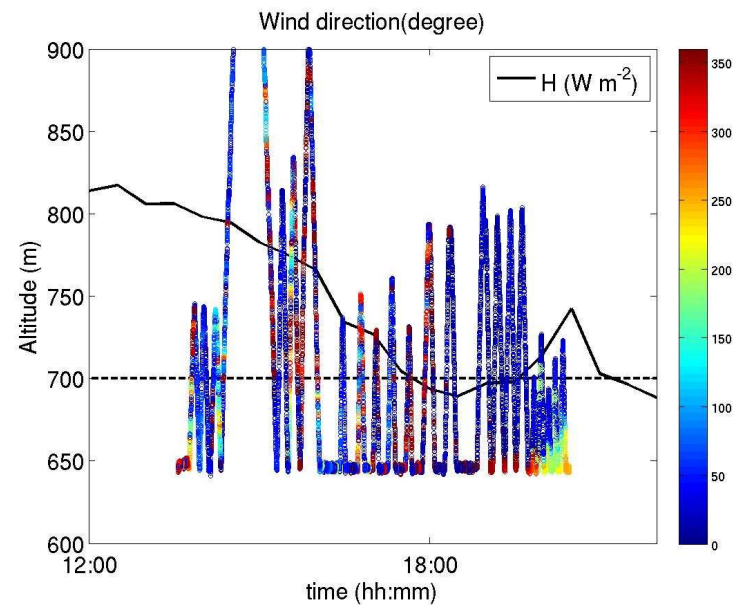
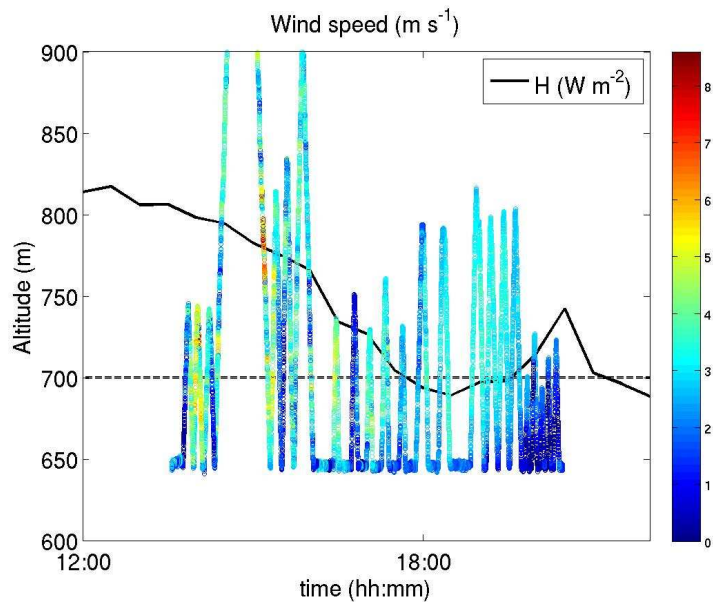
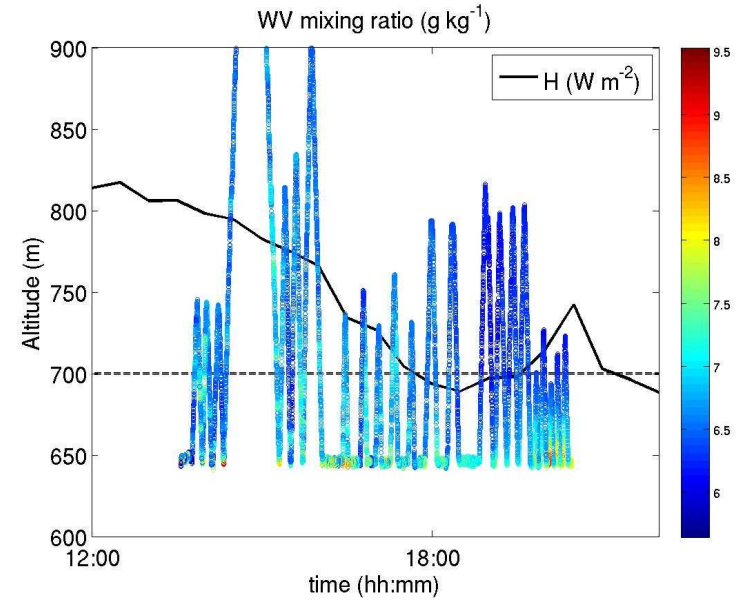
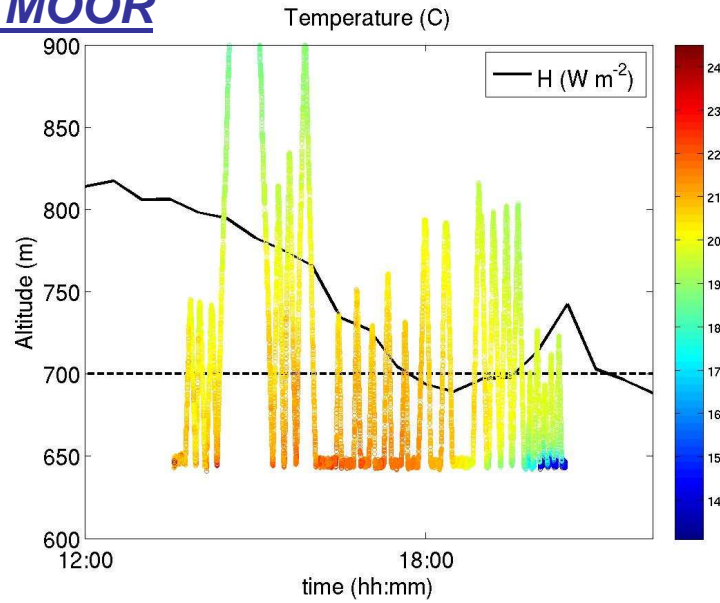
CORN



1st of July: slope wind

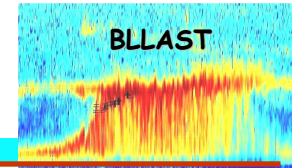


Just MOOR

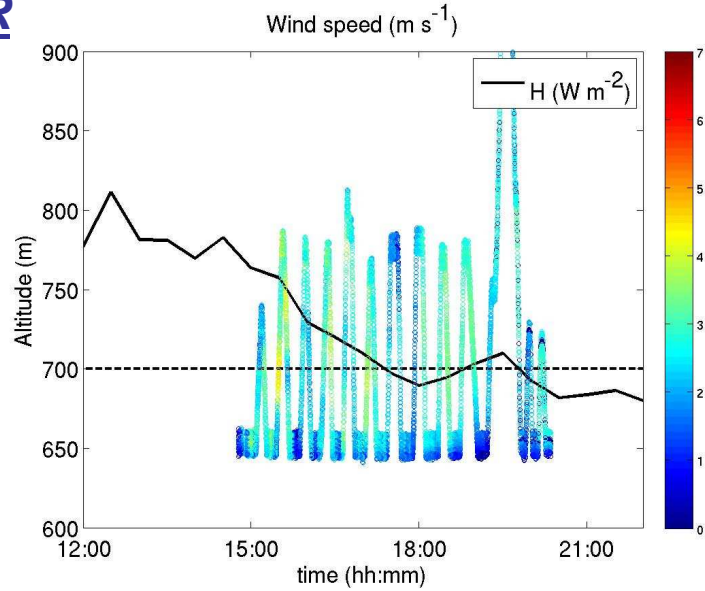


Fire

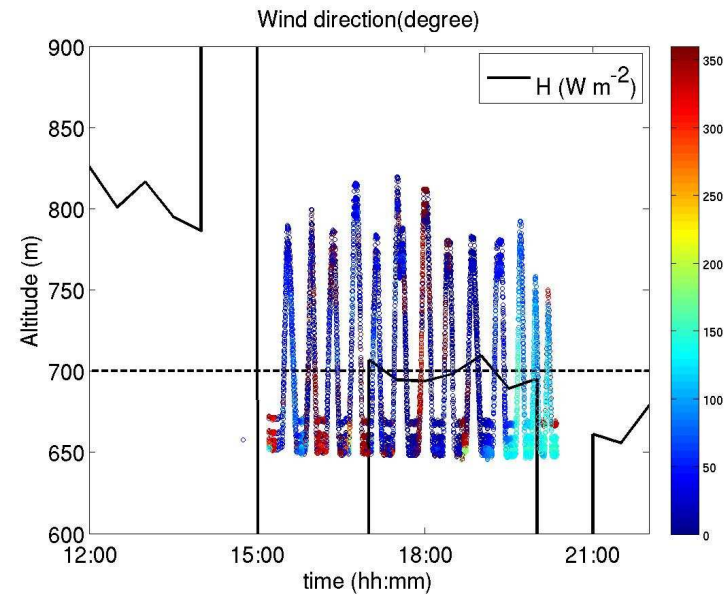
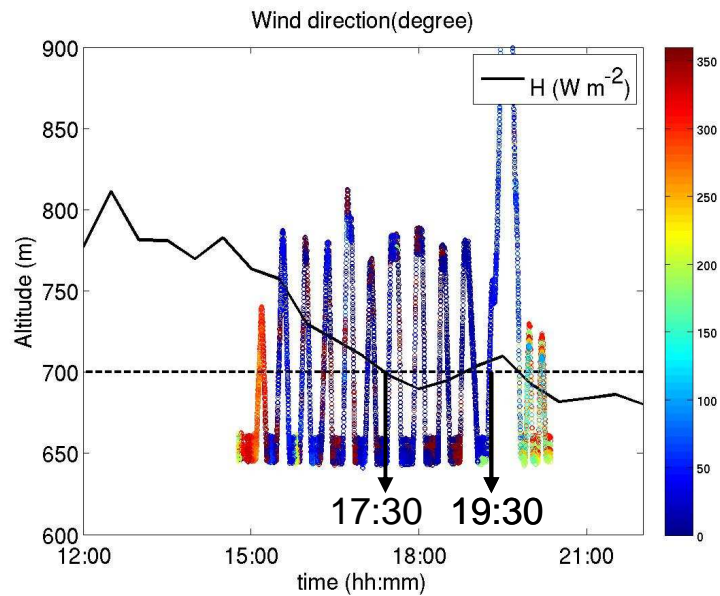
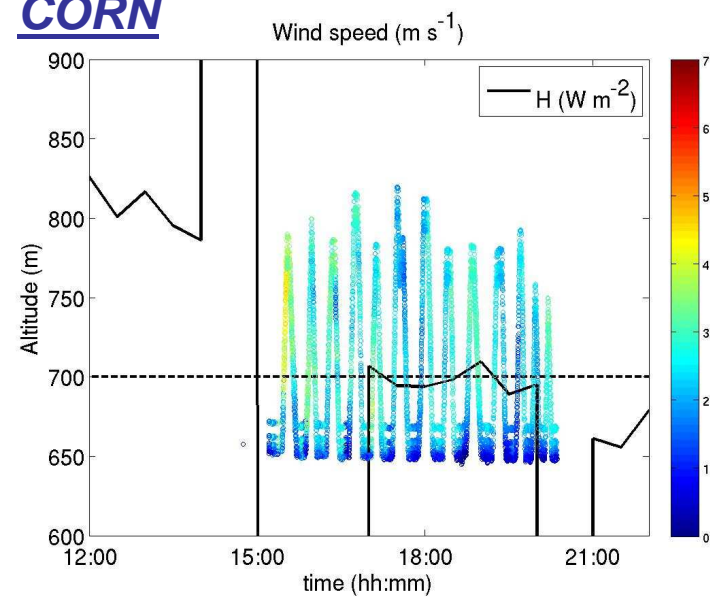
2nd of July: slope wind



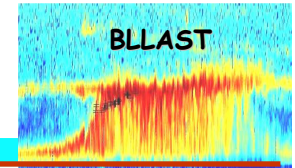
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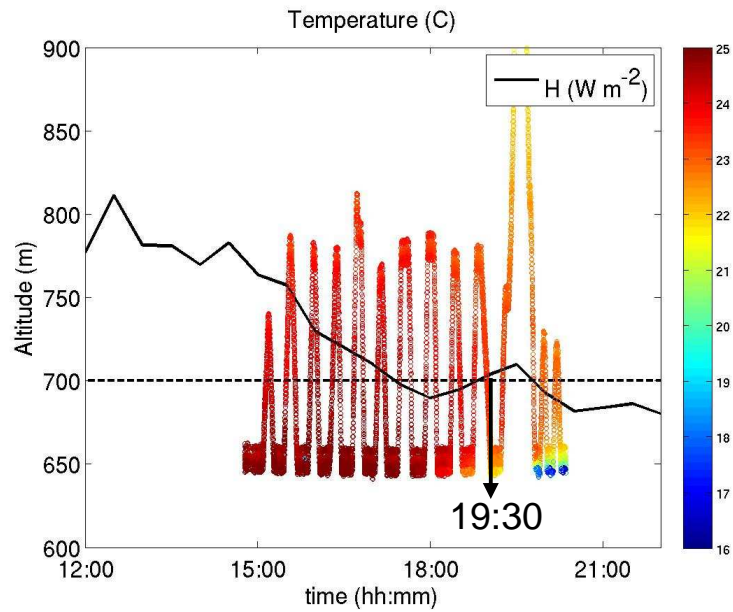
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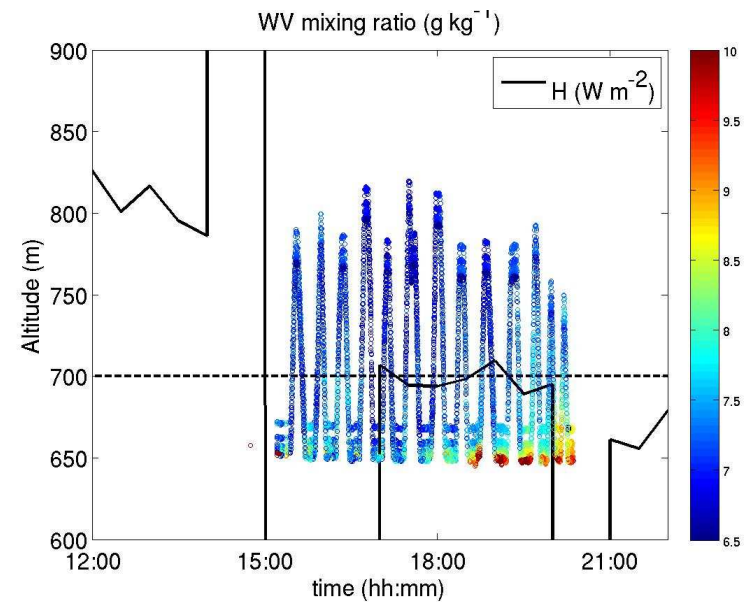
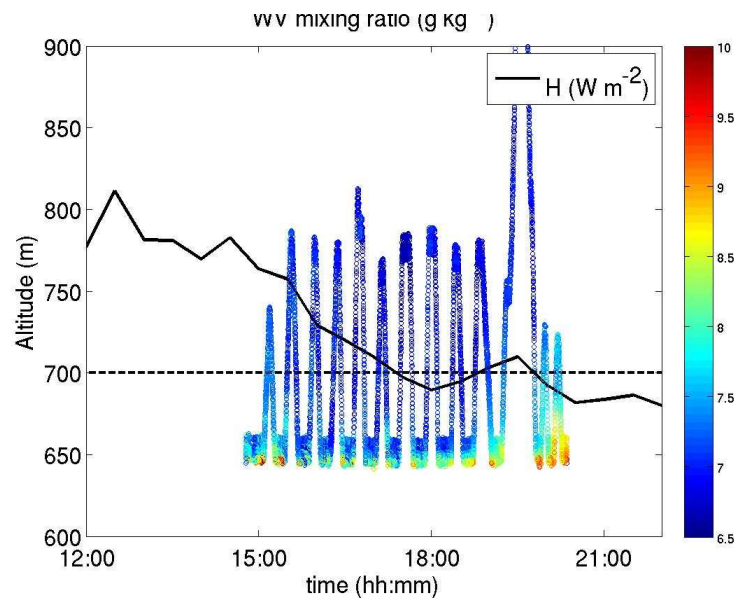
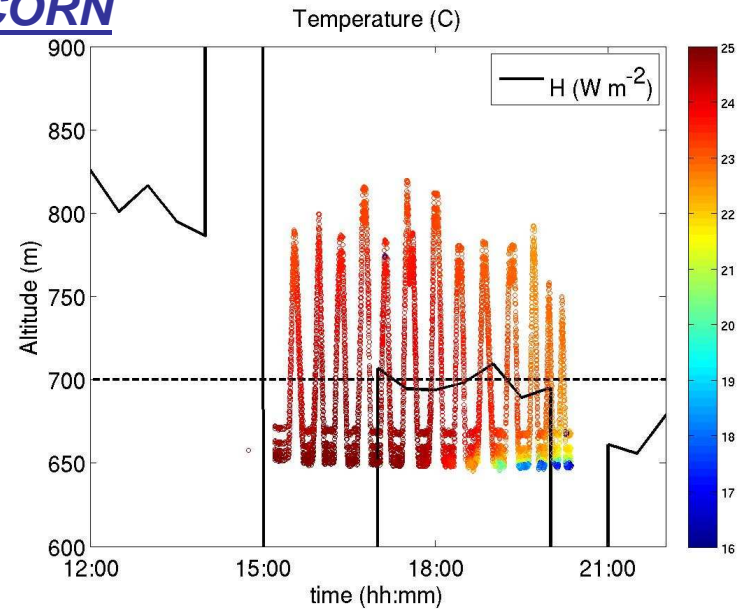
2nd of July: slope wind



MOOR

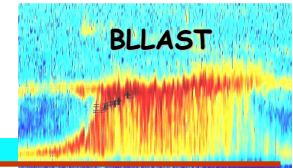


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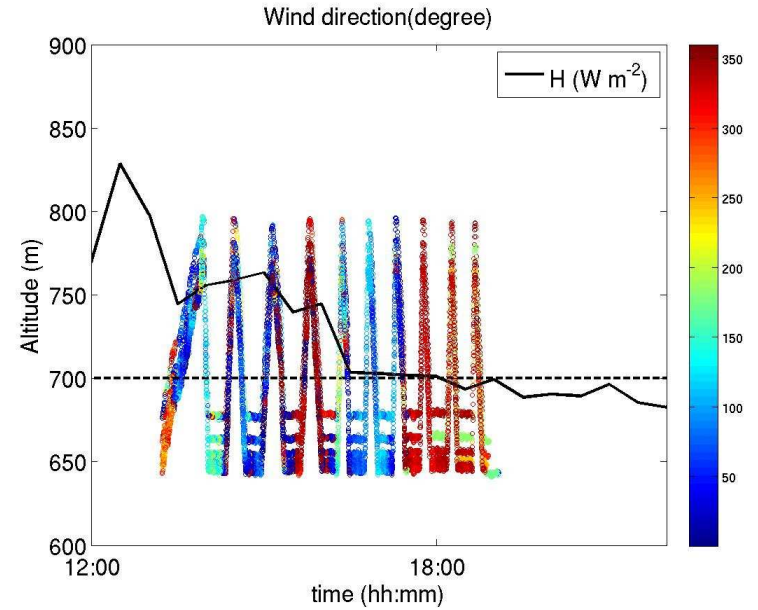
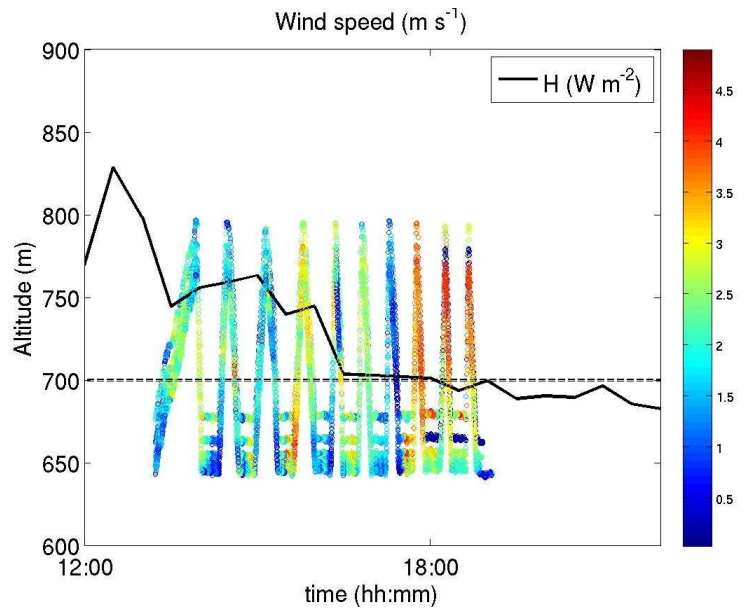
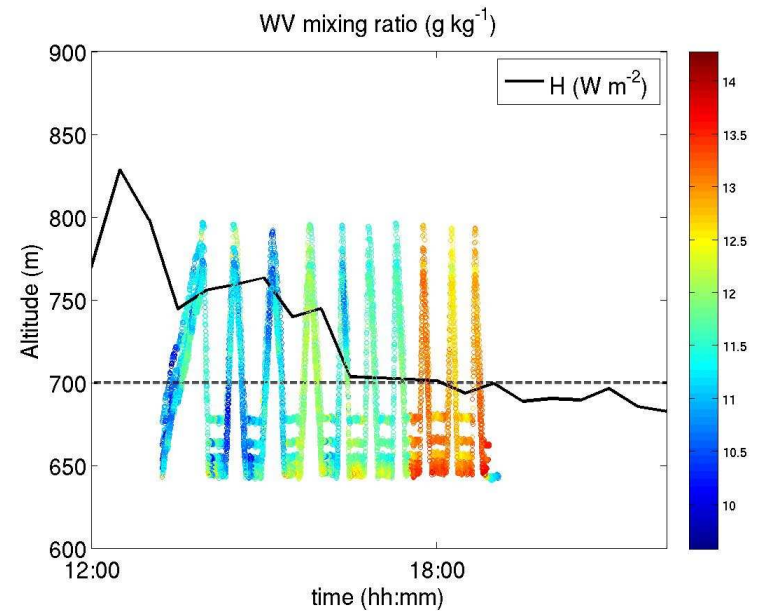
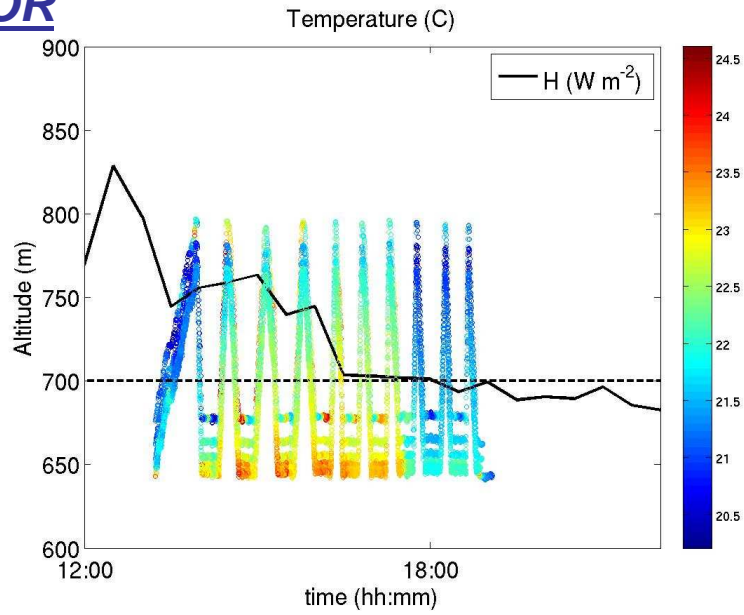


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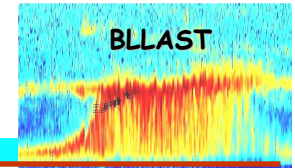
15th of June



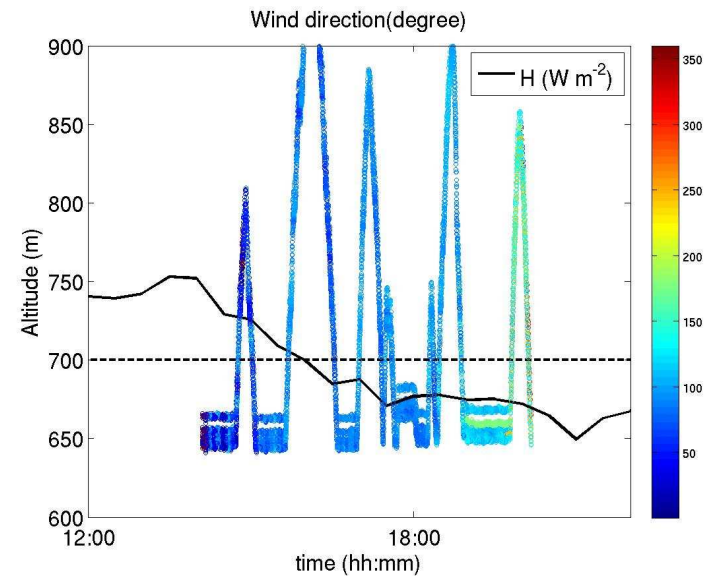
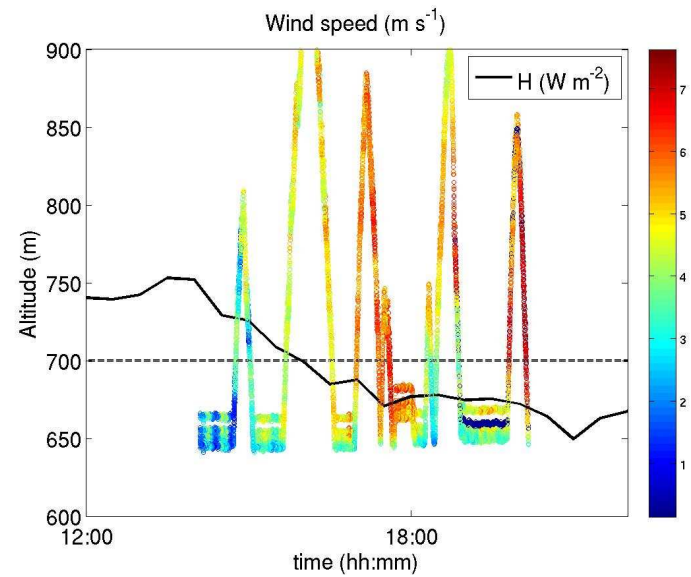
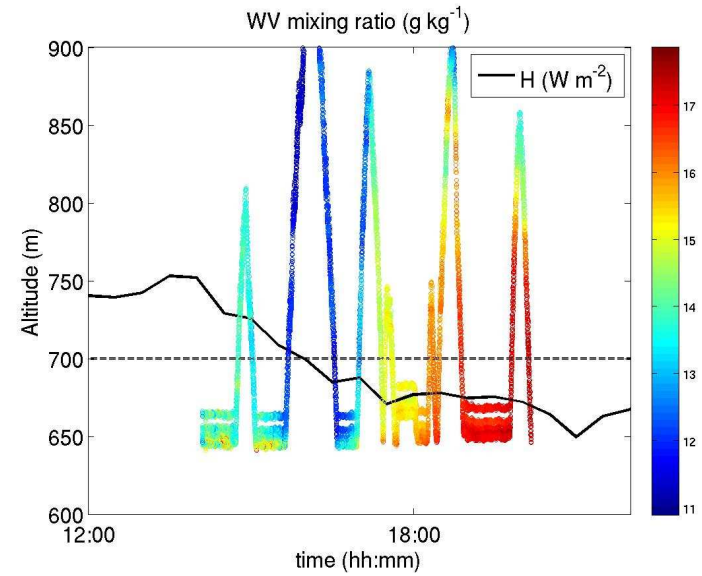
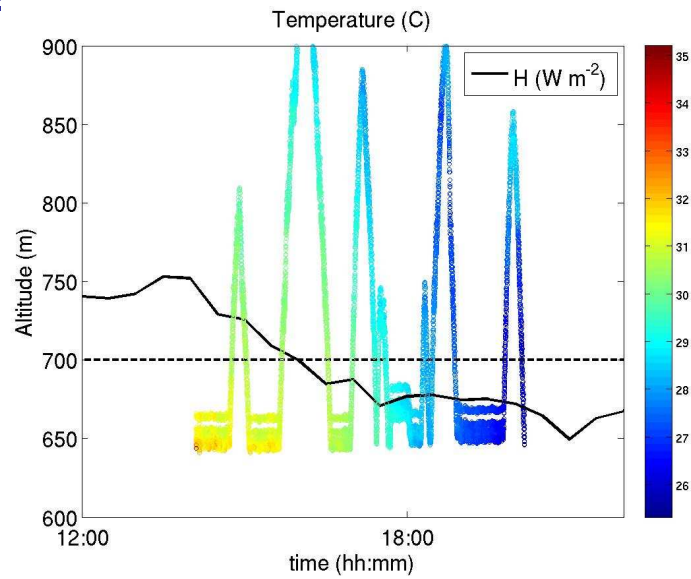
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27th of June

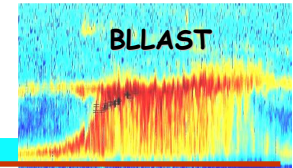


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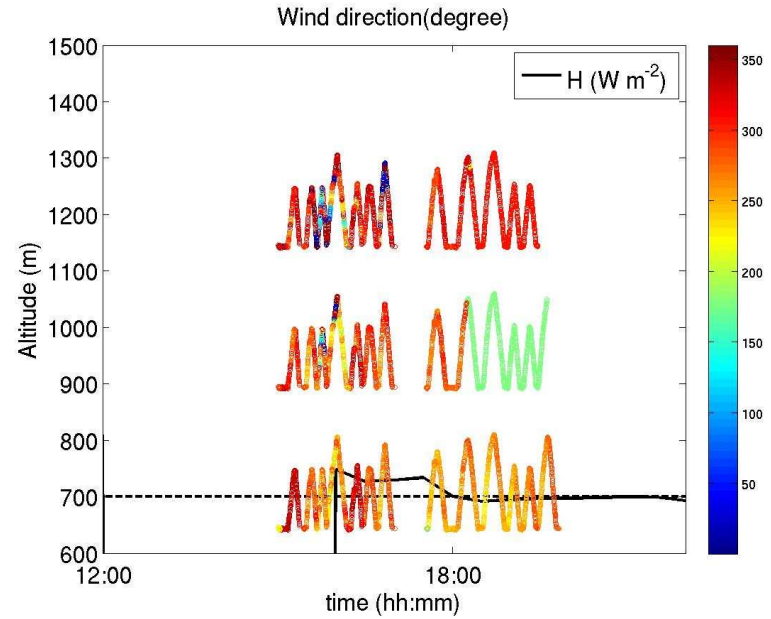
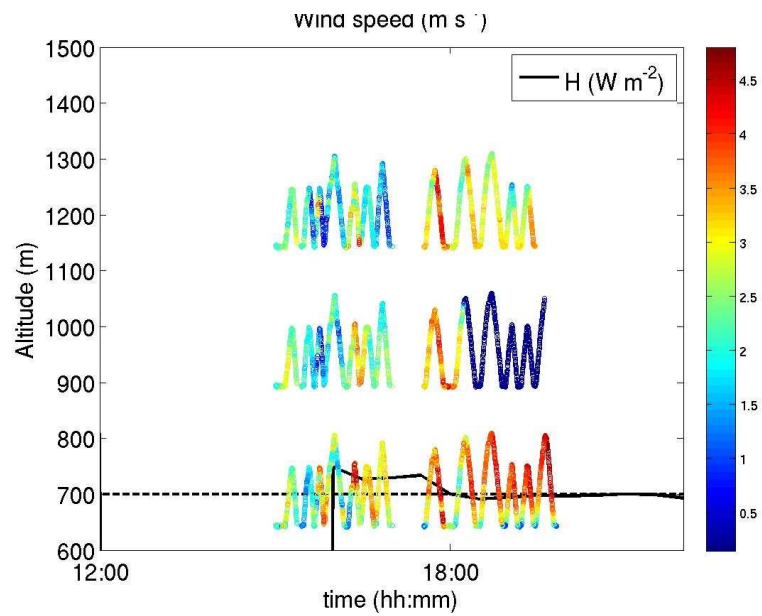
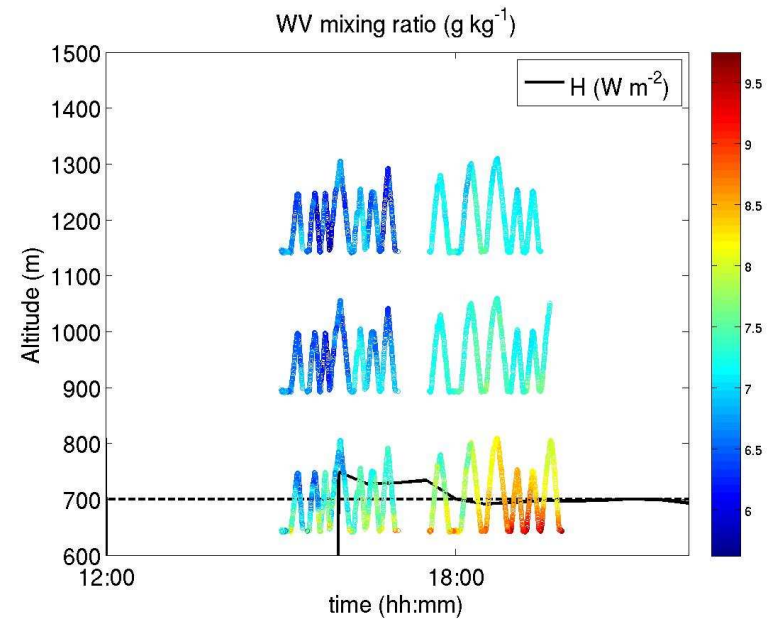
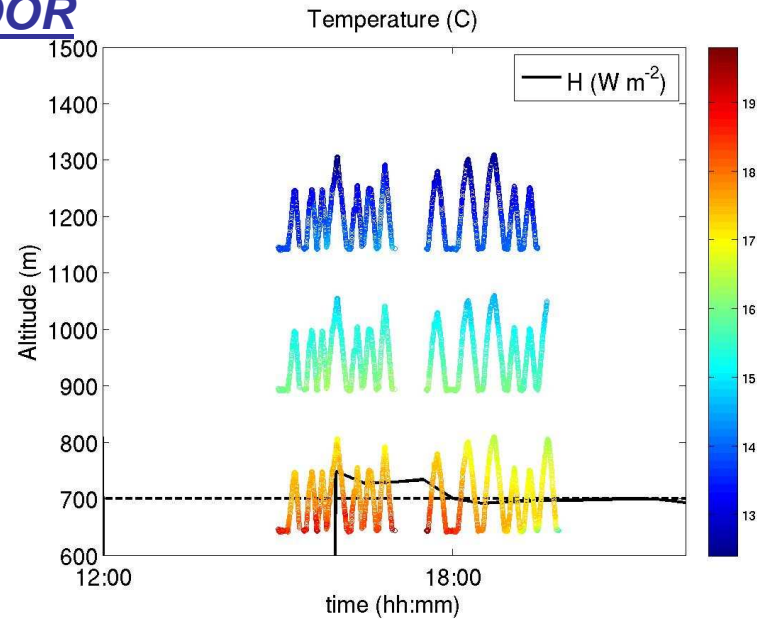


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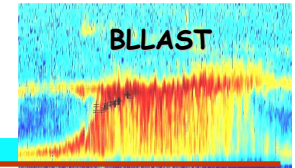
30th of June



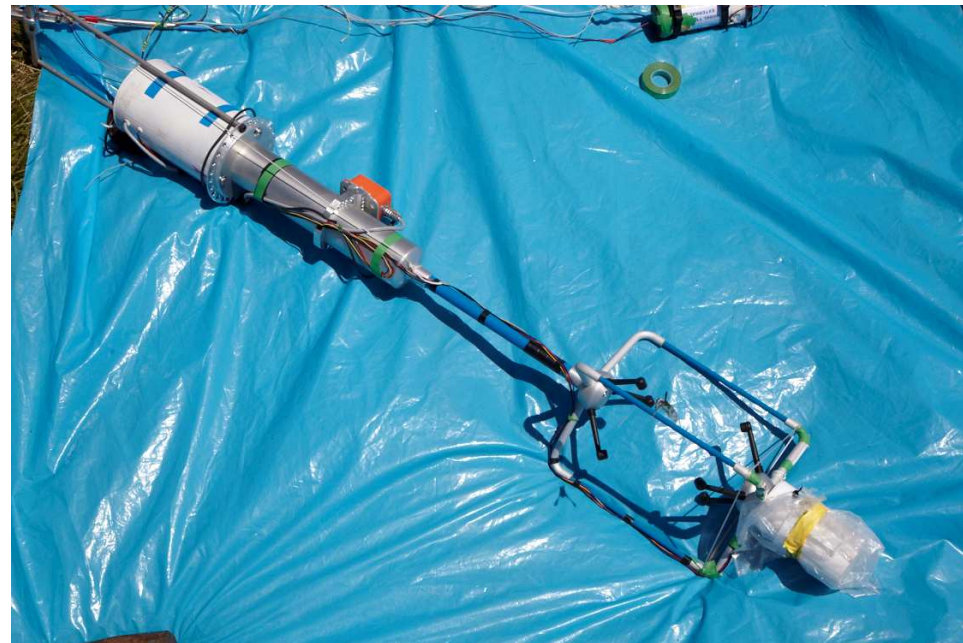
MOOR



Site 1: Turbulent parameters



Objectives: scales of the turbulence



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