Turbulence kinetic energy decay in the late afternoon over heterogeneous surface: BLLAST experiment

Poster 25



Nadeau et al. (2011) A simple model for the afternoon and early evening decay of convective turbulence over different land surfaces, Boundary-Layer Meterol., 141:301-32: Goulart et al. (2010) On the time evolution of the turbulent for decaying turbulence in the convective boundary layer, Boundary-Layer Meterol, 138: 61-75. Acknowledgments: BLLAST field experiment was made possible thanks to the contribution of several institutions and supports : INSU-CNRS (Institut National des Sciences de l'Univers, Centre national de la Recherche Scientifique, LEFE-IDAO program), Météo-France, Observatoire Midi-Pyrénées (University of Toulouse), EUFAR (EUropean Facility for Arborne Research) and COST ES0802 (European Cooperation in the field of Scientific and Technical). The field experiment would not have courted without the contribution of all participating European and American research groups, which all have contributed in a significant amount. BLLAST field experiment was another the instrumented site of Centre de Recherches Amosphériques, Lannemezan, France (Observatoire Midi-Pyrénées, Laboratoire d'Aérologie). The 60m tower is partly supported by the POCTEFA/FLUXPYR European program. BLLAST data are managed by SEDOO, from Observatoire Midi-Pyrénées.