

**Quick-look results of in-cloud intercomparison between
C-130 and King Air. December 19, 2004 flight.**

Analysis done in Antigua, using preliminary data.

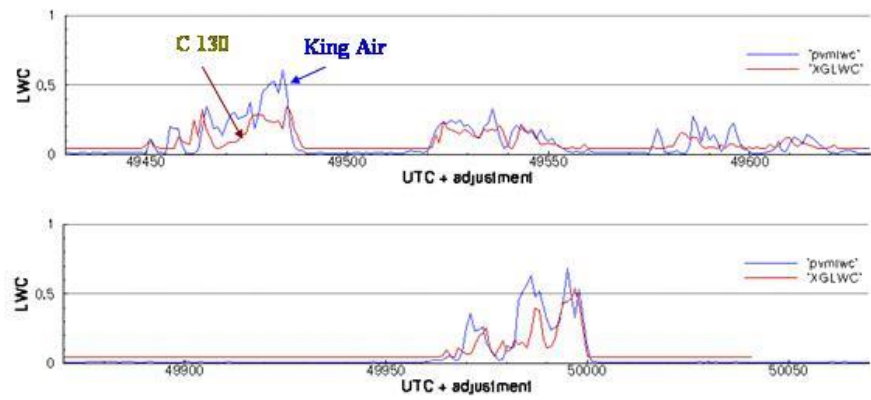
LWC intercomparison – 20041219 13:44 – 13:54

(all points with lwc > 0.02 g m⁻³)

instrument	mean	variance	std. dev	skewness
XGLWC	0.0640	0.003390	0.058	4.260
PVMLWC	0.1877	0.022830	0.151	1.124
PLWCC	0.1830	0.021000	0.145	1.337
PLWCC1	0.1845	0.021140	0.145	1.551
LWC100	0.4044	0.096000	0.310	1.030
PLWCF_LPC	0.1470	0.014240	0.119	1.328
PLWCF_JBL	0.1879	0.018000	0.134	1.320

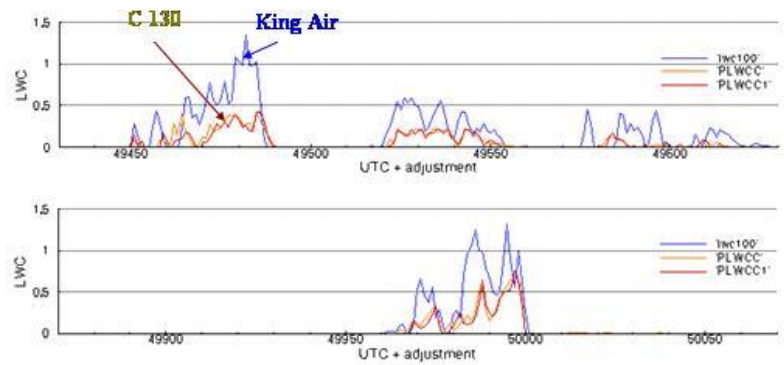
Blue refers to C-130, red to King Air data.

King Air fssp with preliminary processing (not jbl4)



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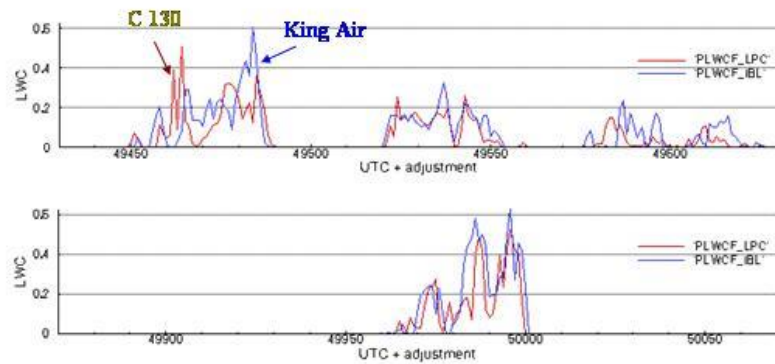
PVM-100 LWC probes



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Hot-wire LWC probes

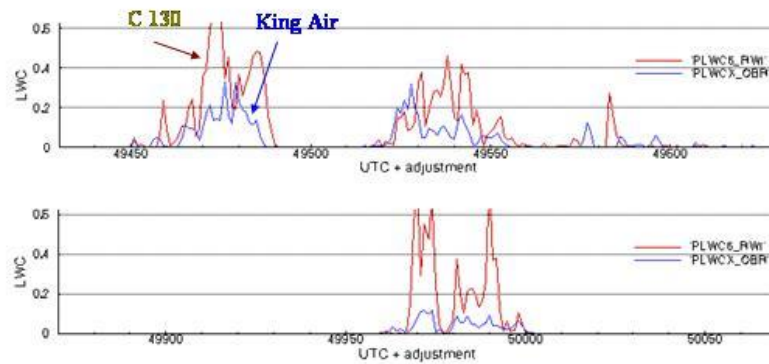
21 Dec 2004 09:45:10



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FSSPs

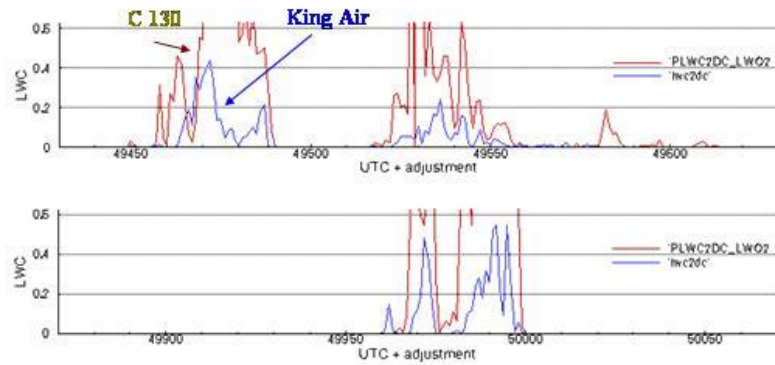
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1D OAPs

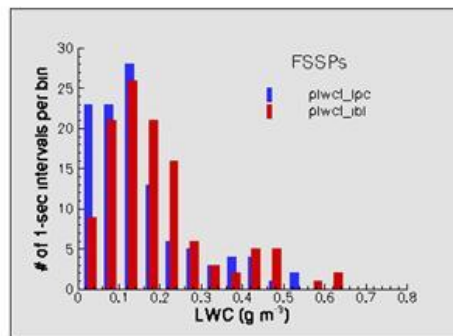
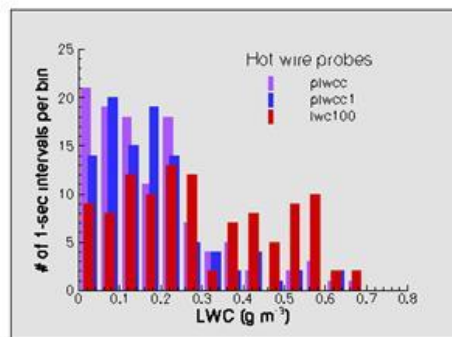
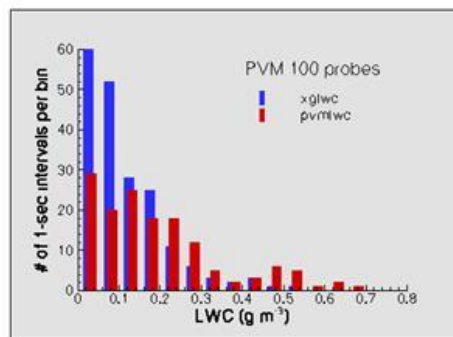
21 Dec 2004 11:39:02



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2D OAPs

21 Dec 2004 11:39:67



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 December 19, 2004, 13:44 - 13:54 UT