

Citation MC3E Data Quality

Submitted 9/2014

.mc3e files were *reprocessed* to correct values of:

Vertical wind component; and

Nevzorov liquid water content, when flying in ice crystals and mixed phase.

Submitted 8/12/2014

Added 5/27 flight to the summary table

Submitted 4/5/2012

Data Quality Summary

Flight Date	Quality Rating	Notes
4/22	Fair – Good	CIP/2DC intermittent, Edgetech bad
4/25	Very Good	Nevzorov LWC inop, no CPC
4/27	Very Good	Nevzorov LWC inop, no CPC
5/1	Very Good	CIP noisy, no CPC, anti-ice off early
5/10	Fair – Good	CIP/2DC noisy. 2DC good for porpoise (2 nd half of flight)
5/11	Good	CIP noisy, some 2DC problems
5/18	Excellent	No UHSAS at end of flight
5/20	Excellent	No UHSAS
5/23	Good	CIP/2DC intermittent, airspeed issues late in flight
5/24	Fair	CIP issues, a few gaps in imaging probes, airspeed issue
5/27	Excellent	
5/30	Good – Very Good	King LWC inop, TDL bad
6/1	Very Good	No CIP
6/2	Very Good	No CIP, no Applanix (winds)