



ADM-Aeolus
L2B-processor status

Jos de Kloe, KNMI,
Gert-Jan Marseille, KNMI,
Paul Poli, MF,
David Tan, ECMWF,
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L2BP status (summary)

Main changes from release 1.2 to 1.3

L1B file reader tested to be compatible with MDA L1BP v.1.05, but not 1.06
errors reported by workaround code converted to log-warnings

L2BP SPRS 1-5 resolved

L2B product format changed slightly due to issues mentioned in SPR's
filetype definition changed (filenames too)

standalone compilation of L1B EE2BUFR converter

added possibility to set timewindow on L1B input file

L2B/L2CtoTxt tool completed

a number of small FAT comments solved

Main changes implemented after release 1.3

L1B file reader updated to read MDA L1BP v.1.06, and use -1 as missing
schemas added for testing xml formatting of products/auxiliary files

ecgate/hpce compilation issues solved

L2BP status (1)

full ee_cfi compliant file handling

	Fortran	MatLab
L1B	reading	reading
L2B	writing/reading	reading
AMD	writing/reading	writing/reading
RBC	writing/reading	reading
L2B Aux. Par.	reading (writing: use a text editor)	n.a.
Aux. Clim.	writing	n.a.
JobOrder	reading (writing: generated by Thin Layer)	n.a.
Aux. Cal.	n.a. (example file available in L2AP now)	n.a.

L2BP status (2)

full ee_cfi compliant file handling

	Release 1.2:	Release 1.3:	todo/remark:
L1B reading	MDA L1BP v1.04	MDA L1BP v1.04/1.05	update to v1.06 available
L2B/L2C	L2C added	Ok	-
AMD	ok	ok	-
RBC	ok	ok	-
L2B Aux. Par.	ok	ok	-
Aux. Clim.	ok	ok	add reading code
JobOrder	ok	ok	-
Aux. Cal.	n.a.	n.a.	to implement

L2BP status (3)

Scientific functionality

	Release 1.2:	Release 1.3:	todo:
Input screening	Partial	- (no change)	to complete
AMD collocation	done (simple version)	-	
Ground contam.	-	-	to implement
Opt. properties	extinction calc.	not yet used for class.	wire to proc.
Scat. ratio	use L1B result	-	
Classification	use scat. ratio thresh.	-	add ext. threshold
Mie Core	from Dorit	Still some bugs	fill all L2B outputs
Rayl.Brill.	works fine	-	fill all L2B outputs
Geolocation	partial	-	to complete
L1B timewindow	n.a.	implemented	

L2BP status (4)

Technical functionality

	Release 1.2:	Release 1.3:	todo:
portability	pgf90/g95/gfortran	also ifort	unix (ibm/sun/sgi)
IFS	some testing problems	cleaned interface to inner L2BP loop to make this easier	integrate
ThinLayer	ok	ok	
Report generator	python	ok	
Product list	-	implemented	
L2BP output	-	-	fill all fields
dir. structure	Class. Dir. reorganised	-	
generall clean up	-	-	todo
BUFR in/output	L1B EE2BUFR added	ok	L2B not yet planned

L1BP SPR status

Spr name	description	solved	L1BP version
L1B_063	L1B product inconsistent with IODD	yes	1.06
L1B_064	suspicious or wrong values in file (forgotten initialisation/use of -1.0 as missing)	no (almost)	(1.06bug)
E2S_065	misleading progress messages	yes	2.02
L1B_066	processor crashes when using regexp in joborder	yes	1.06

L2BP SPR status

Spr name	description	solved	L2BP version
L2BP-0001	MPH field Num_DSD had incorrect value	yes	1.3
L2BP-0002	Ordering of DSD' s	yes	1.3
L2BP-0003	change tag MPH to Main_Product_Header, same for SPH	yes	1.3
L2BP-0004	update needed of RBC IODD	yes	1.3
L2BP-0005	use of upper/lower case in Sph_Descriptor made more consistent	yes	1.3