Table 1. Definition of variables in CIPS Level 3c summary file.

Variable Name	Units	Type/Dimension	Description
NBIN	NA	INTEGER/SCALAR	Number of latitude bins (fixed at 70).
NREV	NA	INTEGER/SCALAR	Total number of orbits in the season.
LATLO	Degrees	INTEGER(NBIN)	Lower latitude of bin
LATHI	Degrees	INTEGER(NBIN)	Upper latitude of bin
REV	NA	INTEGER(NREV)	AIM orbit number
YEAR	NA	INTEGER(NREV)	Year
DOY	Days	INTEGER(NREV)	Day of year
UT	Hours	REAL(NREV,NBIN)	Mean UT time in bin.
LTIME	Hours	REAL(NREV,NBIN)	Mean local time in bin.
LON	Degrees	REAL (NREV,NBIN)	Mean longitude in bin.
SZA	Degrees	REAL(NREV,NBIN)	Mean solar zenith angle in bin.
NUM_CLD	NA	INTEGER(NREV,NBIN)	Number of pixels in bin containing clouds.
NUM_OBS	NA	INTEGER(NREV,NBIN)	Total number of data points in bin.
RAD	nm	REAL(NREV,NBIN)	Mean particle radius.
RAD_STD	nm	REAL(NREV,NBIN)	Particle radius standard deviation.
ALB	10^{-6} sr^{-1}	REAL(NREV,NBIN)	Mean cloud albedo.
ALB_STD	10^{-6} sr^{-1}	REAL(NREV,NBIN)	Cloud albedo standard deviation.
IWC	$\mu g/m^2$	REAL(NREV,NBIN)	Mean ice water content.
IWC_STD	$\mu g/m^2$	REAL(NREV,NBIN)	Ice water content standard deviation.