File	Description
Col	Column diagnostics at precribed stations.
Const	Main output file producing at least species concentrations.
AerDust	Mainly outputs optical depth for aerosols.
Mass Flux	
Freq#	Outputs selected variables at any specified frequebcy.
Overpass#	Outputs selected variables that are produced at a prescribed time range.
Qj	File for photolysis rate constants.
Qk	File for thermal rate constants
Qqjk	File for rates of pholytic and thermal processes.
Restart	Restart file.
Sad	File for surface area densitity related variables.
Tend	Tendencies file.

Table 1: GMI netCDF files.

All the output files contain at least the following variables:

ai Hybrid pressure edge term

bi Hybrid sigma edge term

am Hybrid pressure term

bm Hybrid sigma term

pt

latdeg

londeg

mcor Grix box area

nymd Current date (YYMMDD)

nhms Current time (HHMMSS)

File	Default Suffix	Variables	Mean	Snapshot
Col	.col.nc	psf		X
		humidity		X
		const		X
Const	.const.nc	const	X	X
		psf	X	X
		kel	X	X
		relHumidity	X	X
		gridBoxHeight	X	X
		tropopausePress	X	X
		potentialVorticity	X	
		overheadO3Col	X	X
		drydep		accum.
		wetdep		accum.
		semiss_out		accum.

		mass	X	X
		metwater	X	X
		dms_oh	X	X
		dms_no3	X	X
		so2_oh	X	X
		so2_h2o2	X	X
		so2_o3	X	X
AeroDust	.aeroDust.nc	optDepth	X	X
		aerosol column mass	X	X
		psf	X	X
		gridBoxHeight	X	X
Overpass#	.overpass#.nc	const	X	X
		relHumidity	X	
		gridBoxHeight	X	
		tropopausePress	X	X
		mass	X	
		psf	X	X
		kel	X	X
		cloudOptDepth	X	X
		overheadO3Col	X	X
		metwater	X	
		qj	X	
		qqj	X	
		qqk	X	
freq#	.freq#	const	X	
		const_column	X	X
		const_surface	X	X
		psf	X	X
		kel	X	X
		mass	X	X
		gridBoxHeight	X	X
		relHumidity	X	X
		metwater	X	X
		overheadO3col	X	X
		tropopausePress	X	X
		potentialVorticity	X	X
Mass Flux	.flux.nc	const_flux_x	X	X
		const_flux_y	X	X
		const_flux_z	X	X
		psf	X	
		amf	X	X
Qj	.qj.nc	qj	X	X
		opt_depth	X	X
		O3+hv− >O1D	X	X
Qk	.qk.nc	qk	X	X
Qqjk	.qqjk.nc	qqj	X	X
		qqk	X	X
		yda		X
Restart	.rst.nc	const		X
		h2ocond		X
		pctm2		X
Sad	.sad.nc	sad	X	X
		hno3cond	X	X
		hno3gas	X	X
		h2oback	X	X

		vlan	X	X
Tend	.tend.nc	ncumt		X

Table 2: Content of each netCDF file.

File	Same Freq	Indepen Freq	Monthly	1st & 15th	Any freq	Last Step
Const	X		X	X		X
aerodust	X		X	X		X
Qj	X		X	X		X
Qk	X		X	X		X
Qqjk	X		X	X		X
Sad	X		X	X		X
Tend	X		X	X		X
Mass Flux		X	X	X		X
overpass#		X	X	X		X
freq#		X	X	X	X	X
Restart		X	X	X		X
Col		X				

Table 3: Frequency of netCDF files.