CDO Reference Card

Climate Data Operators Version 1.0.8 June 2007

Uwe Schulzweida Max-Planck-Institute for Meteorology

Syntax

cdo	[Options]	Operator

Options

_	
-a	Convert from a relative to an absolute time axis
- b < nbits >	Set the number of bits for the output precision
	(32/64 for nc, nc2, srv, ext, ieg; 1 - 32 for grb)
$-\mathbf{f} < format >$	Output file format (grb, nc, nc2, srv, ext, ieg)
-g < grid>	Grid name or file
	Available grids: t <res>grid, r<nx>x<ny></ny></nx></res>
-h	Help information for the operators
-m $<$ $missval >$	Set the default missing value (default: -9e+33)
-R	Convert GRIB data from reduced to regular grid
-r	Convert from an absolute to a relative time axis
$-\mathbf{t} $	Set the parameter table name or file
	Predefined tables: echam4 echam5 mpiom1
-V	Print the version number
-v	Print extra details for some operators

Operators

griddes

 \mathbf{vct}

	Inform	ation	
٠	info		Dataset information listed by code number
	infov		Dataset information listed by variable name
	map		Dataset information and simple map
		Syntax	< operator > ifiles
٠	sinfo		Short dataset information listed by code number
	sinfov		Short dataset information listed by variable name
		Syntax	<pre><operator> ifile</operator></pre>
•	diff		Compare two datasets listed by code number
	diffv		Compare two datasets listed by variable name
		Syntax	<pre><operator> ifile1 ifile2</operator></pre>
٠	npar		Number of parameters
	nlevel		Number of levels
	nyear		Number of years
	nmon		Number of months
	ndate		Number of dates
	ntime		Number of time steps
		Syntax	$< operator > ext{ifile}$
٠	showfo	rmat	Show file format
	showco	ode	Show code numbers
	shown	ame	Show variable names
	showst	dname	Show standard names
	showle	evel	Show levels
	showlt	\mathbf{ype}	Show GRIB level types
	showy		Show years
	shown	on	Show months
	showd	ate	Show dates
	showti	me	Show time steps
		Syntax	<pre><operator> ifile</operator></pre>
•	pardes	1	Parameter description
			0:11

Grid description

Syntax < operator > ifile

Vertical coordinate table

File operatio	ons
copy	Copy datasets
cat	Concatenate datasets
Syntax	<pre><operator> ifiles ofile</operator></pre>
replace	Replace variables
Syntax	replace ifile1 ifile2 ofile
merge	Merge datasets with different fields
mergetime	Merge datasets sorted by date and time
Syntax	
splitcode	Split code numbers
splitname	Split variable names
splitlevel	Split levels
splitgrid	Split grids
splitzaxis	Split zaxis
Syntax	
splithour	Split hours
$_{ m splitday}$	Split days
$_{ m splitmon}$	Split months
splitseas	Split seasons
splityear	Split years
Syntax	<pre><operator> ifile oprefix</operator></pre>
splitsel	Split time selection
Syntax	splitsel,nsets[,noffset[,nskip]] ifile oprefix
Selection	
Selection	Select variables by code number
selcode delcode	Delete variables by code number
selcode delcode Syntax	Delete variables by code number <pre></pre> <pre></pre> operator> <pre>,codes ifile ofile</pre>
selcode delcode Syntax selname	Delete variables by code number <pre><operator>,codes ifile ofile</operator></pre> Select variables by name
selcode delcode Syntax selname delname	Delete variables by code number <pre> <pr< td=""></pr<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
selcode delcode Syntax selname delname Syntax	Delete variables by code number < operator >, codes iffile offile Select variables by name Delete variables by name < operator >, vars iffile offile
selcode delcode Syntax selname delname Syntax selstdname	Delete variables by code number < operator >, codes ifile offile Select variables by name Delete variables by name < operator >, vars iffile offile Select variables by standard name
selcode delcode Syntax selname delname Syntax selstdname Syntax	Delete variables by code number <operator>,codes ifile ofile Select variables by name Delete variables by name <operator>,vars ifile ofile Select variables by standard name selstdname,stdnames ifile ofile</operator></operator>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel	Delete variables by code number <operator>,codes ifile ofile Select variables by name Delete variables by name <operator>,vars ifile ofile Select variables by standard name selstdname,stdnames ifile ofile Select levels</operator></operator>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax	Delete variables by code number < operator >, codes ifile ofile Select variables by name Delete variables by name < operator >, vars ifile ofile Select variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid	Delete variables by code number <pre><operator>,codes iffile offile Select variables by name Delete variables by name <operator>,vars iffile offile Select variables by standard name selstdname,stdnames iffile offile Select levels sellevel,levels iffile offile Select grids</operator></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax	Delete variables by code number <pre><operator>,codes ifile ofile Select variables by name Delete variables by name <operator>,vars ifile ofile Select variables by standard name selstdname,stdnames ifile ofile Select levels sellevel,levels ifile ofile Select grids selgrid,grids ifile ofile</operator></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname	Delete variables by code number <operator>,codes ifile ofile Select variables by name Delete variables by name <operator>,vars ifile ofile Select variables by standard name selstdname,stdnames ifile ofile Select levels sellevel,levels ifile ofile Select grids selgrid,grids ifile ofile Select grids Select grids by name</operator></operator>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax	Delete variables by code number < operator >, codes ifile ofile Select variables by name Delete variables by name < operator >, vars ifile ofile Select variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selgridname	Delete variables by code number <pre><operator>,codes iffile offile Select variables by name Delete variables by name <operator>,vars iffile offile Select variables by standard name selstdname,stdnames iffile offile Select levels sellevel,levels iffile offile Select grids selgrid,grids iffile offile Select grids Select grids by name selgridname,gridnames iffile offile Select zaxes</operator></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selgridname Syntax selzaxis Syntax	Delete variables by code number <pre><operator>,codes iffile offile Select variables by name Delete variables by name <pre><operator>,vars iffile offile Select variables by standard name selstdname,stdnames iffile offile Select levels sellevel,levels iffile offile Select grids selgrid,grids iffile offile Select grids by name selgridname,gridnames iffile offile Select grids by name selgridname,gridnames iffile offile Select zaxes selzaxis,zaxes iffile offile</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selzaxis	Delete variables by code number <pre><operator>,codes ifile ofile Select variables by name Delete variables by name <operator>,vars ifile ofile Select variables by standard name selstdname,stdnames ifile ofile Select levels sellevel,levels ifile ofile Select grids selgrid,grids ifile ofile Select grids ifile ofile Select grids by name selgridname,gridnames ifile ofile Select zaxes selzaxis,zaxes ifile ofile Select zaxes selzaxis,zaxes by name</operator></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis Syntax	Delete variables by code number < operator >, codes ifile ofile Select variables by name Delete variables by name < operator >, vars ifile ofile Select variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes selzaxis, zaxes by name selzaxisname, zaxisnames ifile ofile
selcode delcode Syntax selname delname Syntax selstdname Syntax selgrid Syntax selgrid selgridname Syntax selzaxis selzaxis selzaxisname Syntax selzaxisname Syntax	Delete variables by code number <operator>,codes iffile offile Select variables by name Delete variables by name <operator>,vars iffile offile Select variables by standard name selstdname,stdnames iffile offile Select levels sellevel,levels iffile offile Select grids selgrid,grids iffile offile Select grids by name selgridname,gridnames iffile offile Select zaxes selzaxis,zaxes iffile offile Select zaxes by name selzaxisname,zaxisnames iffile offile Select GRIB level types</operator></operator>
selcode delcode Syntax selname delname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis selzaxis selzaxisname Syntax selzaxisname Syntax seltype Syntax	Delete variables by code number <pre><operator>,codes iffile offile Select variables by name Delete variables by name <pre><operator>,vars iffile offile Select variables by standard name selstdname,stdnames iffile offile Select levels sellevel,levels iffile offile Select grids selgrid,grids iffile offile Select grids by name selgridname,gridnames iffile offile Select zaxes selzaxis,zaxes iffile offile Select zaxes by name selzaxisname,zaxisnames iffile offile Select GRIB level types selltype,ltypes iffile offile</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis Syntax selzaxisname Syntax seltabnum	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name <pre><operator>, vars iffile offile Select variables by standard name selstdname, stdnames iffile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select delete selfer offile Select delete selfer offile Select grids by name selzaxisname, zaxisnames iffile offile Select GRIB level types selltype, ltypes iffile offile Select parameter table numbers</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name <pre><operator>, vars iffile offile Select variables by standard name selstdname, stdnames iffile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select zaxes by name selzaxisname, zaxisnames iffile offile Select GRIB level types selltype, ltypes iffile offile Select parameter table numbers seltabnum, tabnums iffile offile</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltantum Syntax seltabnum Syntax	Delete variables by code number <pre><operator>, codes ifile ofile Select variables by name Delete variables by name <pre>coperator >, vars ifile ofile Select variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes by name selzaxisname, zaxisnames ifile ofile Select GRIB level types selltype, ltypes ifile ofile Select parameter table numbers seltabnum, tabnums ifile ofile Select time steps</pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis selzaxis selzaxisname Syntax seltuppe Syntax seltabnum Syntax seltimestep Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name <pre><operator>, vars iffile offile Select variables by standard name selstdname, stdnames iffile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select taxes by name selzaxisname, zaxisnames iffile offile Select GRIB level types selltype, ltypes iffile offile Select parameter table numbers seltabnum, tabnums iffile offile Select time steps seltimestep, timesteps iffile offile</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltabnum Syntax seltabnum Syntax seltabnum Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name <pre><operator>, vars iffile offile Select variables by standard name selstdname, stdnames iffile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids selgrid, arids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select zaxes by name selzaxisname, zaxisnames iffile offile Select GRIB level types selltype, ltypes iffile offile Select parameter table numbers seltabnum, tabnums iffile offile Select time steps seltimestep, timesteps iffile offile Select timesteps</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltimestep Syntax seltime Syntax	Delete variables by code number <pre><operator>,codes iffile offile Select variables by name Delete variables by name <pre><operator>,vars iffile offile Select variables by standard name selstdname,stdnames iffile offile Select levels sellevel,levels iffile offile Select grids selgrid,grids iffile offile Select grids by name selgridname,gridnames iffile offile Select zaxes selzaxis,zaxes iffile offile Select zaxes by name selzaxisname,zaxisnames iffile offile Select grids by name selzaxisname,zaxisnames iffile offile Select grids by in in the select grids by in in the select grids by in in the select grids by selfile offile Select grids by in in the select grids by in the selfile offile Select grids by in the selfile offile Select grids by in the selfile offile Select time steps seltimestep,timesteps iffile offile Select times seltime,times iffile offile</operator></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltimestep Syntax seltime Syntax	Delete variables by code number <pre><operator>, codes ifile ofile Select variables by name Delete variables by name <pre>coperator >, vars ifile ofile Select variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes by name selzaxisname, zaxisnames ifile ofile Select drids level types seltype, ltypes ifile ofile Select parameter table numbers seltabnum, tabnums ifile ofile Select time steps seltimestep, timesteps ifile ofile Select times seltime, times seltime, times ifile ofile Select hours</pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxisname Syntax seltabnum Syntax seltimestep Syntax seltime Syntax seltime Syntax seltime Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name Poelete variables by standard name selstdname, stdnames ifile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select zaxes by name selzaxisname, gravisnames iffile offile Select taxes by name selzaxisname, zaxisnames iffile offile Select drile Select drile Select drile offile Select grids by name selzaxisname, zaxisnames iffile offile Select times seltabnum, tabnums iffile offile Select time steps seltimestep, timesteps iffile offile Select times seltime, times iffile offile Select hours selhour, hours iffile offile Select hours selhour, hours iffile offile</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltimestep Syntax seltime Syntax seltime Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name <pre> <pre>Coperator >, vars iffile offile Select variables by standard name selstdname, stdnames iffile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select zaxes by name selzaxis, zaxes iffile offile Select drile Select price iffile offile Select grids by name selzaxisname, zaxisnames iffile offile Select grids by name selzaxisname, zaxisnames iffile offile Select trace iffile offile Select parameter table numbers seltabnum, tabnums iffile offile Select time steps seltimestep, timesteps iffile offile Select times seltime, times iffile offile Select hours selhour, hours iffile offile Select days</pre></pre></operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxisame Syntax seltabnum Syntax seltimestep Syntax seltimestep Syntax seltimes Syntax seltimes Syntax	Delete variables by code number <pre><operator>,codes ifile ofile Select variables by name Delete variables by name Delete variables by standard name selstdname,stdnames ifile ofile Select levels sellevel,levels ifile ofile Select grids selgrid,grids ifile ofile Select grids by name selgridname,gridnames ifile ofile Select zaxes selzaxis,zaxes ifile ofile Select zaxes by name selzaxisname,zaxisnames ifile ofile Select days ifile ofile Select time steps seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select times seltime,times ifile ofile Select days selday,days ifile ofile Select days selday,days ifile ofile Select days selday,days ifile ofile</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgridname Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltimestep Syntax seltimestep Syntax selhour Syntax selhour Syntax selhour Syntax selhour Syntax selday Syntax	Delete variables by code number <pre><operator>, codes ifile ofile Select variables by name Delete variables by name Poelete variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes by name selzaxis, pame selzaxis, pame selzaxis pile ofile Select zaxes by name selzaxis pile ofile Select zaxes by name selzaxisname, gridnames ifile ofile Select days ifile ofile Select parameter table numbers seltanum, tabnums ifile ofile Select time steps seltimestep, timesteps ifile ofile Select times seltime, times ifile ofile Select hours selhour, hours ifile ofile Select days selday, days ifile ofile Select months</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis selzaxis selzaxisname Syntax seltiype Syntax seltime Syntax seltimestep Syntax seltime Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name Poelete variables by standard name selstdname, stdnames iffile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select zaxes by name selzaxisname, zaxisnames iffile offile Select drawes iffile offile Select times seltanum, tahnums iffile offile Select time steps seltime, times iffile offile Select times seltanum, hours iffile offile Select hours selhour, hours iffile offile Select days selday, days iffile offile Select months selmon, months iffile offile</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selzaxis Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltabnum Syntax seltimestep Syntax seltime Syntax selday Syntax selday Syntax selday Syntax	Delete variables by code number <pre><operator>, codes iffile offile Select variables by name Delete variables by name Poelete variables by standard name selstdname, stdnames ifile offile Select levels sellevel, levels iffile offile Select grids selgrid, grids iffile offile Select grids by name selgridname, gridnames iffile offile Select zaxes selzaxis, zaxes iffile offile Select zaxes by name selzaxisname, zaxisnames iffile offile Select taxes by name selzatisname, gridnames iffile offile Select days seltime, times iffile offile Select times seltime, times iffile offile Select times seltime, times iffile offile Select days selday, days iffile offile Select days selday, days iffile offile Select months selmon, months iffile offile Select years</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxisame Syntax selzatisname Syntax seltabnum Syntax seltabnum Syntax seltimestep Syntax seltimestep Syntax seltimes Syntax seltimestep Syntax seltimes Syntax seltimes Syntax seltime Syntax seltimes Syntax selmon Syntax selyear	Delete variables by code number <pre><operator>, codes ifile ofile Select variables by name Delete variables by name Delete variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes by name selzaxisname, zaxisnames ifile ofile Select parameter table numbers seltabnum, tabnums ifile ofile Select time steps seltimestep, timesteps ifile ofile Select times seltine, times ifile ofile Select thours selhour, hours ifile ofile Select days selday, days ifile ofile Select months selmon, months ifile ofile Select years selyear, years ifile ofile Select years selyear, years ifile ofile Select years selyear, years ifile ofile</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax sellevel Syntax selgridname Syntax selgridname Syntax selzaxis selzaxisname Syntax seltabnum Syntax seltabnum Syntax seltimestep Syntax seltimes Syntax selmour Syntax selmon Syntax selmon Syntax selyear Syntax selyear Syntax	Delete variables by code number <pre><operator>, codes ifile ofile Select variables by name Delete variables by name Delete variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes by name selzaxis, name, zaxisnames ifile ofile Select drids by name selzaxis, pare ifile ofile Select saxes by name selzaxisname, zaxisnames ifile ofile Select drids be in the select specified of ite Select drids by name selzaxisname, zaxisnames ifile ofile Select for ite Select imperite of ite Select by parameter table numbers seltime, times ifile of ite Select times seltime, times ifile of ite Select hours selhour, hours ifile of ite Select days selday, days if ite of ite Select months selmon, months if ite of ite Select seasons</operator></pre>
selcode delcode Syntax selname delname Syntax selstdname Syntax selstdname Syntax selgrid Syntax selgridname Syntax selzaxis Syntax selzaxisame Syntax selzatisname Syntax seltabnum Syntax seltabnum Syntax seltimestep Syntax seltimestep Syntax seltimes Syntax seltimestep Syntax seltimes Syntax seltimes Syntax seltime Syntax seltimes Syntax selmon Syntax selyear	Delete variables by code number <pre><operator>, codes ifile ofile Select variables by name Delete variables by name Delete variables by standard name selstdname, stdnames ifile ofile Select levels sellevel, levels ifile ofile Select grids selgrid, grids ifile ofile Select grids by name selgridname, gridnames ifile ofile Select zaxes selzaxis, zaxes ifile ofile Select zaxes by name selzaxis, name, zaxisnames ifile ofile Select drids by name selzaxis, pare ifile ofile Select saxes by name selzaxisname, zaxisnames ifile ofile Select drids be in the select specified of ite Select drids by name selzaxisname, zaxisnames ifile ofile Select for ite Select imperite of ite Select by parameter table numbers seltime, times ifile of ite Select times seltime, times ifile of ite Select hours selhour, hours ifile of ite Select days selday, days if ite of ite Select months selmon, months if ite of ite Select seasons</operator></pre>

seldate

selsmon

Syntax

Syntax

Select dates

Select single month

seldate,date1[,date2] ifile ofile

selsmon, month[,nts1[,nts2]] ifile ofile

sellonlatbox	Select a longitude/latitude box	chcode	Change code number
Syntax	sellonlatbox,lon1,lon2,lat1,lat2 ifile ofile	Syntax	chcode,oldcode,newcode[,] ifile ofile
selindexbox	Select an index box	chname	Change variable name
Syntax	selindexbox,idx1,idx2,idy1,idy2 ifile ofile	Syntax	chname,ovar,nvar, ifile ofile
		chlevel	Change level
		Syntax	chlevel,oldlev,newlev, ifile ofile
		chlevelc	Change level of one code
Conditional s	election	Syntax	chlevelc,code,oldlev,newlev ifile ofile
ifthen	If then	chlevelv	Change level of one variable
ifnotthen	If not then	Syntax	chlevelv,var,oldlev,newlev ifile ofile
Syntax	<pre>< operator > ifile1 ifile2 ofile</pre>	setgrid	Set grid
ifthenelse	If then else	Syntax	setgrid,grid ifile ofile Set grid type
Syntax	ifthenelse ifile1 ifile2 ifile3 ofile	setgridtype Syntax	setgridtype,gridtype ifile ofile
ifthenc ifnotthenc	If then constant If not then constant	setzaxis	Set zaxis
Syntax	<pre></pre> <pre>< operator > ,c ifile ofile</pre>	Syntax	setzaxis,zaxis ifile ofile
Syneax	Coperator >,e illie offic	setgatt	Set global attribute
		Syntax	setgatt,attname,attstring ifile ofile
		setgatts	Set global attributes
Comparison		Syntax	setgatts,attfile ifile ofile
Comparison		invertlat	Invert latitude
eq	Equal	invertion	Invert longitude
ne	Not equal	invertlatdes invertlondes	Invert latitude description
le	Less equal		Invert longitude description
lt	Less than	invertlatdata invertlondata	Invert latitude data Invert longitude data
ge	Greater equal	Syntax	<pre></pre> <pre><operator> ifile ofile</operator></pre>
gt	Greater than		· · · · · · · · · · · · · · · · · · ·
Syntax	<pre><operator> ifile1 ifile2 ofile</operator></pre>	maskregion	Mask regions
eqc	Equal constant	Syntax	maskregion, regions ifile ofile
nec	Not equal constant	masklonlatbox	Mask a longitude/latitude box
lec	Less equal constant	Syntax	masklonlatbox,lon1,lon2,lat1,lat2 ifile ofile
ltc	Less then constant	maskindexbox	Mask an index box
gec	Greater equal constant	Syntax	maskindexbox,idx1,idx2,idy1,idy2 ifile ofile
gtc	Greater then constant	setclonlatbox	Set a longitude/latitude box to constant
Syntax	< operator >, c ifile ofile	Syntax	setclonlatbox,c,lon1,lon2,lat1,lat2 ifile ofile
		setcindexbox	Set an index box to constant
		Syntax	setcindexbox,c,idx1,idx2,idy1,idy2 ifile ofile
Modification		enlarge	Enlarge fields
		Syntax	enlarge,grid ifile ofile
setpartab	Set parameter table	setmissval	Set a new missing value
Syntax	setpartab,table ifile ofile	Syntax	setmissval, miss ifile ofile
setcode	Set code number	setctomiss	Set constant to missing value
Syntax	setcode,code ifile ofile Set variable name	setmisstoc	Set missing value to constant
setname Syntax	setname,name ifile ofile	Syntax	< operator >, c ifile ofile
setlevel	Set level	setrtomiss	Set range to missing value
Syntax	setlevel, level ifile ofile	Syntax	setrtomiss,rmin,rmax ifile ofile
setltype	Set GRIB level type		
Syntax	setltype, ltype ifile ofile		
setdate	Set date	Arithmetic	
Syntax	setdate, date ifile ofile	expr	Evaluate expressions
settime	Set time	Syntax	expr,instr ifile ofile
Syntax	settime, time ifile ofile	exprf	Evaluate expressions from script file
setday	Set day	Syntax	exprf, filename ifile ofile
Syntax	setday,day ifile ofile	abs	Absolute value
setmon	Set month	int	Integer value
Syntax	setmon, month ifile ofile	nint	Nearest integer value
setyear	Set year	\mathbf{sqr}	Square
Syntax	setyear, year ifile ofile	\mathbf{sqrt}	Square root
settunits	Set time units	exp	Exponential
Syntax	settunits,units ifile ofile	ln	Natural logarithm
settaxis	Set time axis	log10	Base 10 logarithm
Syntax	settaxis,date,time[,inc] ifile ofile	sin	Sine
setreftime	Set reference time	cos	Cosine
Syntax	setreftime, date, time ifile ofile	tan	Tangent
setcalendar	Set calendar	asin	Arc sine
Syntax shifttime	setcalendar,calendar ifile ofile	acos	Arc cosine
	Shift time steps	atan	Arc tangent
Syntax	shifttime,sval ifile ofile	Syntax	< operator > ifile ofile

Systex Coperators of the control of			_					
Maily	addc	Add a constant	vertmin	Vertical minimum	yearmin	Yearly minimum	subtrend	Subtract trend
Section Personal	subc	Subtract a constant	vertmax	Vertical maximum	yearmax	Yearly maximum	Syntax	subtrend ifile1 ifile2 ifile3 ofile
Section Sect	mulc	Multiply with a constant	vertsum	Vertical sum	yearsum	Yearly sum		
March Section Sectio	divc	Divide by a constant	vertmean	Vertical mean	yearmean	Yearly mean		
Mode	Syntax	< operator >, c ifile ofile	vertavg	Vertical average	yearavg	Yearly average		
Second Second Secon	add	Add two fields	vertvar	Vertical variance	yearvar	Yearly variance	Interpolation	
			vertstd	Vertical standard deviation	yearstd	Yearly standard deviation	nomonhil	Dilinger interneletion
			Syntax	< operator > ifile ofile	Syntax	<pre><operator> ifile ofile</operator></pre>		* * * * * * * * * * * * * * * * * * * *
Second S			timeolmin	Time range minimum	voornetl	Vearly percentiles	7	*
Second Minimum of two fields Minimum of two fiel								
Second								
Second					seasmin		Syntax	
The stage of state of the personal pe				S .	seasmax		genbil	Generate bilinear interpolation weights
Settle country of the				0 0	seassum	Seasonal sum	genbic	Generate bicubic interpolation weights
Second control Seco	ymonadd			S .	seasmean	Seasonal mean	gencon	Generate conservative interpolation weights
Spite Sequence with the state of the state o	ymonsub	v v			seasavg	Seasonal average	gendis	Generate distance-weighted averaging weights
Syntax Concerner with the state of the state				2 22	seasvar	Seasonal variance	Syntax	<pre><operator>,grid ifile ofile</operator></pre>
System Company with object or season of the company	ymondiv		timselpctl	~ ·	seasstd	Seasonal standard deviation	roman	SCRIP grid remanning
Second procession Content of the process of the	Syntax	< operator > ifile1 ifile2 ofile	Syntax	<pre>timselpctl,p,nsets[,noffset[,nskip]] ifile1 ifile2 i</pre>	Syntax	<pre><operator> ifile ofile</operator></pre>		
Systex S	muldpm	Multiply with days per month	runmin	Running minimum	cesenetl	Seconal percentiles	1	
Booking Multiply with days per year Paramon Para	_						interpolate	PINGO grid interpolation
Processing Pro				S	v			
Part Common System Part				S			Syntax	<pre><operator>,grid ifile ofile</operator></pre>
Second processor Second proc				o .			remapeta	Reman vertical hybrid level
Part	Dynida	Cope, and > IIIIc office						
Statistical values Part P					ydaymean	ů ů		- / 1/
Statistical value Function Symmetry Sy					ydayavg			
Statistical values Syntax Common The minimum The minimum The minimum The minimum The minimum The minimum The maximum The minimum The warrage The warrage The minimum The warrage The warrage The warrage The minimum The warrage The			J.		ydayvar	ů ů		
Statistical values			runpctl	Running percentiles			ml2hl	
timmax Essemble minimum Essemble minimum Essemble minimum Essemble maximum Essemble maximum Essemble maximum Essemble maximum Essemble maximum Essemble maximum Essemble winding			Syntax	runpctl,p,nts ifile1 ofile	Syntax	<pre><operator> ifile ofile</operator></pre>	Syntax	ml2hl,hlevels ifile ofile
timmax Essemble minimum Essemble minimum Essemble minimum Essemble maximum Essemble maximum Essemble maximum Essemble maximum Essemble maximum Essemble maximum Essemble winding	Statistical val	lues	timmin	Time minimum	vdavnetl	Multi-year daily percentiles	inttime	Time interpolation
comman C	Statistical val	iucs						
ensaum Essemble machinum ensaum (immean time mean (immean times and times and times and times and times are researched to the process of the company of the process of the process of the company of the process of the	onemin	Encamble minimum			-		J	
Essemble same timwarg Time average timwarg tim					ymonmin		1.1	
Ensemble mean Ensemble mean Ensemble warange Ensemble variance Ensemble variance Ensemble variance Syntax Coperator's 1711s of 11s Vinter Time variance Syntax Vinter					ymonmax			,
Ensemble average enset of Ensemble average enset of Ensemble average enset of Ensemble standard deviation Syntax operator > 111s of 1s Syntax impect Ensemble standard deviation Syntax operator > 111s of 1s Syntax impect Ensemble standard deviation Syntax operator > 111s of 1s Syntax impect Ensemble standard deviation Syntax operator > 111s of 1s Syntax impect Ensemble standard deviation Syntax operator > 11s of 1s Syntax impect Ensemble standard deviation Syntax operator > 11s of 1s Syntax impect Ensemble standard deviation Syntax operator > 11s of 1s Syntax operator > 1s of 1s Syntax operat			_	O .	ymonsum		1	*
Ensemble variance ensest of Ensemble variance ensemble processing symmaxy symm					ymonmean	Multi-year monthly mean	Syntax	intyear, years ifile1 ifile2 oprefix
Fasemble standard deviation Syntax Fasemble standard deviation Syntax Fasemble standard deviation Syntax Fasemble percentiles Syntax Fasemble percentiles Syntax Fasemble percentiles Syntax Synt	ensavg	Ensemble average	timstu					
Syntax consecutes (Syntax consecutes) Beamwhe percentiles (Syntax consecute) ## Syntax consecution Syntax conse	on area	Engamble region of	Syntax	<pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre></pre> <pre></pre>	ymonavg			
Syntax S				1				
Syntax compett) pitiles of 10 hourman hourward houry minimum hourman hourward houry sum hourman hourward houry sum hour werage houry a warden hour warden warden hour warden hour warden hour warden warden hour warden hour warden hour warden warden warden hour warden warden warden hour warden hour warden hour warden hour warden warden hour warden hou	ensstd	Ensemble standard deviation	timpctl	Time percentiles	ymonvar ymonstd	Multi-year monthly variance Multi-year monthly standard deviation	TD 6 4	
Syntax S	ensstd Syntax	Ensemble standard deviation <pre><operator> ifiles ofile</operator></pre>	timpctl	Time percentiles	ymonvar ymonstd	Multi-year monthly variance Multi-year monthly standard deviation	Transformation	on
Field maximum Nourusam Nour	ensstd Syntax enspctl	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles</operator>	timpctl Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile	ymonvar ymonstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation < operator > ifile ofile	J	
Ridesum Nourrean	ensstd Syntax enspctl Syntax	Ensemble standard deviation <pre><operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile</operator></pre>	timpetl Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum	ymonvar ymonstd Syntax ymonpctl	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles</operator>	sp2gp	Spectral to gridpoint
Field sum Field sum Field sum Field sum Field waran Field waran Field warance Field variance Field standard deviation Syntax Operators if it of ite	ensstd Syntax enspctl Syntax	Ensemble standard deviation <pre><operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile</operator></pre>	timpctl Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum	ymonvar ymonstd Syntax ymonpctl Syntax	Multi-year monthly variance Multi-year monthly standard deviation < operator > ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile	sp2gp sp2gpl	Spectral to gridpoint Spectral to gridpoint (linear)
Field mean Field warage Field warage Field variance Field percentiles Syntax coperator > if ile of ile	ensstd Syntax enspctl Syntax fldmin	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum</operator>	timpctl Syntax hourmin hourmax hoursum	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin	Multi-year monthly variance Multi-year monthly standard deviation < operator > ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum	$\begin{array}{c} \mathrm{sp2gp} \\ \mathrm{sp2gpl} \\ \mathrm{gp2sp} \end{array}$	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral
Field avariance Field avariance Field variance Fi	ensstd Syntax enspetl Syntax fldmin fldmax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum</operator>	timpctl Syntax hourmin hourmax hoursum hourmean	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly mean	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum</operator>	sp2gp sp2gpl gp2sp gp2spl	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear)
fidstar Field variance Field percentiles Field percentile	ensstd Syntax enspctl Syntax fldmin fldmax fldsum	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum</operator>	timpetl Syntax hourmin hourmax hoursum hourmean houravg	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly mean Hourly average	ymonvar ymonstd Syntax ymonpetl Syntax yseasmin yseasmax yseassum	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum</operator>	sp2gp sp2gpl gp2sp gp2spl Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) < operator > ifile ofile
Field standard deviation Syntax Special percentiles Syntax Special percentiles Syntax Special percentiles Syntax Syntax Special percentiles Syntax Syntax Special percentiles Syntax Syntax Special percentiles Syntax Synt	ensstd Syntax enspctl Syntax fldmin fldmax fldsum fldmean	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field mean</operator>	timpetl Syntax hourmin hourmax hoursum hourmean houravg hourvar	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly mean Hourly average Hourly variance	ymonvar ymonstd Syntax ymonpetl Syntax yseasmin yseasmax yseassum yseasmean	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean</operator>	$\begin{bmatrix} sp2gp \\ sp2gpl \\ gp2sp \\ gp2spl \\ Syntax \\ sp2sp \end{bmatrix}$	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><operator> ifile ofile</operator></pre> Spectral to spectral
Syntax S	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspetl.p ifiles ofile Field minimum Field maximum Field sum Field average</operator>	timpetl Syntax hourmin hourmax hoursum hourmean houravg hourvar hourstd	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly mean Hourly average Hourly variance Hourly standard deviation	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasmean yseasavg	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average</operator>	sp2gp sp2gpl gp2sp gp2spl syntax sp2sp Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile</operator>
Syntax EdgetLip file of file daymin Daily minimum daymax Daily maximum daysum daysum Daily maximum daysum dusturition daysum daysum daysum daysum daysum daysu	ensstd Syntax enspettl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field wean Field average Field variance Field standard deviation	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavg yseasvar	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal average Multi-year seasonal variance</operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp.trunc ifile ofile Cut spectral wave number</operator>
Syntax Input Syntax Sy	ensstd Syntax enspettl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field wean Field average Field variance Field standard deviation	timpetl Syntax hourmin hourmax hoursum hourmean hourayg hourvar hourstd Syntax hourpetl	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Hourly percentiles	ymonvar ymonstd Syntax ymonpetl Syntax yseasman yseassum yseassum yseasavar yseasvar yseasstd	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation</operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp.trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile</operator>
Zonal minimum Zonal minimum Zonal maximum Zonal sum Zonal sum Zonal sum Zonal sum Zonal sum Zonal warance Zonal variance Zonal	ensstd Syntax enspettl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field sum Field werage Field variance Field variance Field standard deviation < operator > ifile ofile	timpetl Syntax hourmin hourmax hoursum hourmean hourayg hourvar hourstd Syntax hourpetl	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Hourly percentiles	ymonvar ymonstd Syntax ymonpetl Syntax yseasman yseassum yseassum yseasavar yseasvar yseasstd	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation</operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind</operator>
Zonal maximum Zonal sum Zonal verage Zonal verage Zonal variance Zonal variance Zonal standard deviation Zonal percentiles Zonal verage Zonal ver	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpetl	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles</operator></operator>	timpetl Syntax hourmin hourmax hoursum houraean houravg hourvar hourstd Syntax hourpetl Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseasvar yseasstd	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile</operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre>coperator > ifile</pre> Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear)</pre></pre></pre>
Zonal sum Zonal sum Zonal sum Zonal mean Zonal mean Zonal mean Zonal mean Zonal werage Zonal variance Zon	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpetl Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile</operator></operator>	timpetl Syntax hourmin hourmax hoursum hourwar hourvar hourstd Syntax hourpetl Syntax daymin	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum	ymonvar ymonstd Syntax ymonpetl Syntax yseasmin yseasmax yseassum yseasmean yseasavg yseasvar yseasstd Syntax yseaspetl	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles</operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity</operator></pre>
Zonal mean Zonal mean Zonal mean Zonal average dayvar Daily standard deviation Syntax Zonal standard deviation Syntax Zonal standard deviation Syntax Zonal standard deviation Syntax Zonal percentiles Zonal percentiles Syntax Zonal percentiles Zonal percentiles Syntax Zonal percentiles Zonal percentile	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpetl Syntax zonmin	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field sum Field mean Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum</operator></operator>	timpetl Syntax hourmin hourmax hoursum hourmean houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum	ymonvar ymonstd Syntax ymonpetl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseasstd Syntax yseaspetl Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile</operator></operator>	sp2gp sp2gpl gp2spl gp2spl sp2spl sp2sp sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear)</operator>
zonavar Zonal average zonstar Zonal variance Syntax zoperator > ifile ofile zonpetl Zonal percentiles Syntax zonetl, p ifile ofile mermin Meridional minimum mermax Meridional maximum mermax Meridional maximum mermax Meridional maximum mermax Meridional average meray Meridional variance meray Meridional variance mervar Meridional variance merstar Meridional variance merstar Meridional percentiles Syntax zoperator > ifile ofile monsum Monthly variance monsum Multi-year daily running variance will. ydrunava Multi-year daily running variance will variance miputure Visit ofile input Syntax Service I/O input ASCII output Sy	ensstd Syntax enspctl Syntax fidmin fidmax fidsum fidmean fidavg fidvar fidstd Syntax zonmin zonmax	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field wean Field average Field variance Field standard deviation < operator > ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum	timpetl Syntax hourmin hourmax hoursum hourman houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum</operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavag yseasvar yseasstd Syntax yseaspctl Syntax ydrunmin	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal average Multi-year seasonal average Multi-year seasonal avariance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum</operator></operator>	sp2gp sp2gpl gp2spl gp2spl sp2spl sp2sp sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear)</operator>
zontary Zonal variance zonstd Zonal standard deviation Syntax operator > iffile offile zonpetl Zonal percentiles Syntax zonpetl, pifile offile mermin Meridional maximum mersum Meridional sum mersum Meridional wareage mervar Meridional average mervar Meridional average mervar Meridional standard deviation Syntax operator > iffile offile Syntax zonpetl, pifile offile monmax Monthly sum monmean Monthly mean mersug Meridional average mervar Meridional average mervar Meridional standard deviation Syntax operator > iffile offile monmax Monthly variance mersud Meridional standard deviation Syntax operator > iffile offile monput Monthly variance mersur Meridional average mervar Meridional standard deviation Syntax operator > iffile offile monput Monthly variance mersur Meridional standard deviation Syntax operator > iffile offile monput Monthly variance mersur Meridional standard deviation Syntax operator > iffile offile monput Monthly variance mersur Meridional standard deviation Syntax operator > iffile offile monput Monthly variance monsur M	ensstd Syntax enspettl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpettl Syntax zonmin zonmax zonsum	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field werage Field average Field variance Field standard deviation < operator > ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daymean	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly werage Hourly average Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily sum Daily mean</operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseasvar yseastd Syntax ydrunmin ydrunmax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal werage Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running maximum</operator></operator>	sp2gp sp2gpl gp2spl gp2spl sp2spl sp2sp sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear)</operator>
Zonal standard deviation Syntax Coperator > ifile offile	ensstd Syntax enspettl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpctl Syntax zonmin zonmax zonsum zonmean	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field werage Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal mean</operator></operator>	timpetl Syntax hourmin hourmax hoursum hourwar hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daymean dayavg	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly average Hourly variance Hourly standard deviation <- operator > ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily mean Daily average	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running maximum Multi-year daily running sum</operator></operator>	sp2gp sp2gpl gp2spl gp2spl sp2spl sp2sp sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear)</operator>
Syntax Coperator > iffile offile Competition Competi	ensstd Syntax enspctl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpctl Syntax zonmin zonmax zonsum zonmean zonavg	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field sum Field mean Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal average Zonal average</operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daynean dayavg dayvar	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily mean Daily wean Daily werage Daily variance	ymonvar ymonstd Syntax ymonpetl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspetl Syntax ydrunmin ydrunmax ydrunsum ydrunman	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running mean</operator></operator>	sp2gp sp2gpl gp2spl gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv uv2dvl	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
Daily percentiles Daily percentiles Syntax	ensstd Syntax enspctl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field werage Field variance Field standard deviation < operator > ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal sum Zonal sum Zonal average Zonal variance	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daynean dayavg dayvar daystd	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum Daily wean Daily wean Daily average Daily variance Daily standard deviation</operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavag yseasvar yseasstd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunmax ydrunman ydrunmean ydrunavg	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl.p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl.p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running mean Multi-year daily running mean Multi-year daily running mean Multi-year daily running average</operator></operator>	sp2gp sp2gpl gp2spl gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv uv2dvl	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
Syntax zonpctl,p ifile ofile mermin Meridional minimum Monthly minimum Monthly sum Monthly sum Monthly sum Monthly average meravg Meridional variance merstd Meridional standard deviation Syntax coperator > ifile ofile Meridional standard deviation Syntax coperator > ifile ofile Syntax zonpctl,p ifile ofile monmax Monthly minimum Monthly minimum monmax Monthly sum monsum Monthly sum monsum Monthly sum monavg Monthly average monvar Monthly variance Meridional variance monstd Monthly standard deviation Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Syntax coperator > ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Syntax coperator > ifile ofile Multi-year daily running percentiles Syntax coperator > ifile ofile Syntax coperator > ifile ofile Monthly wariance Monthly variance Monthly varia	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpetl Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field wariance Field average Field variance Field standard deviation < operator > ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal average Zonal variance Zonal standard deviation	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daywar dayvar daystd Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum Daily mean Daily average Daily variance Daily standard deviation <operator> ifile ofile</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavag ydrunvar	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running mean Multi-year daily running mean Multi-year daily running average Multi-year daily running average Multi-year daily running average Multi-year daily running average Multi-year daily running average</operator></operator>	sp2gp sp2gpl gp2sp gp2spl sp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity V operator> ifile ofile O</operator>
mermin Meridional minimum Monthly maximum Monthly mean Meridional sum monwar Meridional werage mervar Meridional verage Meridional standard deviation merstd Meridional standard deviation Syntax operator > ifile ofile Syntax ydrunpctl, p,nts ifile1 ifile2 ifile3 ofile monmin Monthly minimum Monthly maximum syntam Monthly mean monwar Monthly mean monwar Monthly werage monvar Monthly variance monstd Monthly variance monstd Monthly standard deviation Syntax operator > input SYRA input Syntax output file3 ofile Multi-year daily running percentiles ydrunpctl, Multi-year daily running percentiles Syntax ydrunpctl, p,nts ifile1 ifile2 ifile3 ofile Multi-year daily running percentiles ydrunpctl, Multi-year daily running percentiles Syntax ydrunpctl, p,nts ifile1 ifile2 ifile3 ofile Monthly wera output in Multi-year daily running percentiles Syntax ydrunpctl, p,nts ifile1 ifile2 ifile3 ofile Syntax output format, nelem ifiles output output output output output output of syntax detrend ifile ofile Trend Trend T	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmax zonmax zonsum zonmean zonavg zonvar zonstd Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field average Field variance Field standard deviation <operator> ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal wariance Zonal variance Zonal variance Zonal standard deviation <operator> ifile ofile Zonal minimum Zonal sum Zonal sum Zonal average Zonal variance Zonal standard deviation <operator> ifile ofile</operator></operator></operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum dayavag dayvar daystd Syntax daypetl	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Daily minimum Daily maximum Daily sum Daily sum Daily wariance Daily variance Daily variance Daily variance Daily standard deviation <operator> ifile1 ifile2 ifile3 ofile Daily maximum Daily maximum Daily sum Daily sum Daily variance Daily standard deviation <operator> ifile ofile Daily percentiles</operator></operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunmean ydrunwar ydrunvar ydrunstd	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running mean Multi-year daily running warage Multi-year daily running average Multi-year daily running average Multi-year daily running standard deviation Multi-year daily running standard deviation</operator></operator>	sp2gp sp2gpl gp2sp gp2spl sp2spl sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity O ASCII input</operator>
mermin Meridional maximum Monthly sum Monthly average Meridional average Meridional average Meridional variance Monthly standard deviation Monthly standard deviation Monthly standard deviation Syntax operator > ifile offile Syntax operator > ifile offile Monthly sum Monthly average Monthly average Monthly average Monthly average Monthly standard deviation Monthly standard deviation Syntax operator > ifile offile Syntax output files output output output outputs outputs offile Syntax output files output outputs output outputs outputs outputs output outputs outp	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax fldpetl Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax zonstd Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal average Zonal variance Zonal standard deviation <operator> ifile ofile Zonal mean Zonal percentiles Zonal variance Zonal standard deviation <operator> ifile ofile Zonal percentiles</operator></operator></operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum dayavag dayvar daystd Syntax daypetl	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Daily minimum Daily maximum Daily sum Daily sum Daily wariance Daily variance Daily variance Daily variance Daily standard deviation <operator> ifile1 ifile2 ifile3 ofile Daily maximum Daily maximum Daily sum Daily sum Daily variance Daily standard deviation <operator> ifile ofile Daily percentiles</operator></operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunmean ydrunwar ydrunvar ydrunstd	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running mean Multi-year daily running warage Multi-year daily running average Multi-year daily running average Multi-year daily running standard deviation Multi-year daily running standard deviation</operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dv uv2dvl Formatted I/ input Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
mermax mersum Meridional maximum mersum Meridional sum monmean Monthly sum monmean Monthly mean monmean monmean Monthly werage Monthly werage Syntax Meridional variance monstd Monthly standard deviation Regression Regression Mothly standard deviation Output Syntax ASCII output output ifiles Meridional variance merstd Meridional standard deviation Monthly standard deviation Detrend Syntax Output Syntax output, format, nelem ifiles Syntax operator > ifile ofile Syntax ifile ofile Syntax ifile ofile Syntax ifile ofile Trend Trend Trend	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax zonstd Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field mean Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal average Zonal variance Zonal standard deviation <operator> ifile ofile Zonal mean Zonal percentiles Zonal variance Zonal standard deviation <operator> ifile ofile Zonal percentiles Zonal percentiles Zonal percentiles Zonal percentiles Zonal percentiles</operator></operator></operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum dayavg dayvar daystd Syntax daystd Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily maximum Daily mean Daily average Daily average Daily variance Daily standard deviation <operator> ifile ofile Daily percentiles daypctl,p ifile1 ifile2 ifile3 ofile</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseasvar yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunmax ydrunman ydrunwar ydrunvar ydrunstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running maximum Multi-year daily running mean Multi-year daily running war Multi-year daily running average Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile</operator></operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre>spectral ro spectral</pre> Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
mersum mersum mermeanMeridional sum mermean meravg meravg mervar mervar merstdMeridional variance merstdMonthly weange monvar Meridional variance merstdMonthly variance monstdRegressionRegressionASCH output SyntaxSyntax syntaxOutputf syntaxFormatted output outputf, format, nelem if ilesSyntax merpctlSyntax syntaxOperator > ifile of ileOutput in syntaxOutput in outputsrv outputsrv outputsrv outputext	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax zonstd Syntax	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field werage Field variance Field standard deviation < operator > ifile ofile Zonal minimum Zonal sum Zonal maximum Zonal mean Zonal average Zonal variance Zonal standard deviation < operator > ifile ofile Zonal minimum Zonal maximum Zonal maximum Zonal mean Zonal average Zonal standard deviation < operator > ifile ofile Zonal percentiles zonpctl,p ifile ofile Meridional minimum	timpctl Syntax hourmin hourmax hoursum hourwar hourstd Syntax hourpctl Syntax daymin daymax daysum daymean dayavg daystd Syntax daysetl Syntax monmin	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum Daily sum Daily wariance Daily variance Daily variance Daily standard deviation <operator> ifile ofile Daily percentiles daypctl,p ifile1 ifile2 ifile3 ofile Monthly minimum Daily standard deviation</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavg ydrunvar ydrunstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running warage Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dvl syntax Formatted I/ input Syntax inputsrv inputext	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity O ASCII input input,grid ofile SERVICE input EXTRA input</operator></pre>
mermean merayMeridional mean merayMonthly average monvarMonthly average monvarRegressionSyntaxOutput filesmervar mervar merstdMeridional standard deviation SyntaxMonthly standard deviation operator > ifile ofileMonthly standard deviation SyntaxDetrend SyntaxOutput filesSyntaxSyntaxSyntaxOutput filesdetrendDetrend SyntaxOutput int detrend ifile ofileOutput int Output syntaxInteger output Output syntaxmerpctlMeridional percentilesMonthly percentilesTrendTrendTrend	ensstd Syntax enspctl Syntax fidmin fidmax fidsum fidmean fidavg fidvar fidstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax zonpctl Syntax mermin	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field wariance Field variance Field standard deviation < operator > ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal sum Zonal average Zonal variance Zonal field ofile Zonal minimum Zonal percentiles field percentiles Zonal maximum Zonal sum Zonal sum Zonal average Zonal variance Zonal standard deviation < operator > ifile ofile Zonal percentiles zonpctl,p ifile ofile Meridional minimum Meridional maximum	timpetl Syntax hourmin hourmax hoursum hourvar hoursud Syntax hourpetl Syntax daymin daymax daysum daymean dayavg dayvar daystd Syntax daypetl Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily sum Daily sum Daily mean Daily werage Daily variance Daily sum Daily forein ifile Daily percentiles of ile Daily percentiles daypctl,p ifile1 ifile2 ifile3 ofile Monthly minimum Daily sum Daily sum Daily sum Daily sum Daily sum Daily forein ifile Daily suriance Daily standard deviation	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavg ydrunvar ydrunstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running warage Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <pre><operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity O ASCII input input,grid ofile SERVICE input EXTRA input <operator> ofile</operator></operator></pre>
meravg Meridional average mervar Meridional variance merstd Monthly variance monstd Monthly variance Monthly standard deviation Regression Syntax Operator > ifile ofile Syntax Operator > ifile ofile Syntax Operator > ifile ofile Monthly percentiles Meridional percentiles Monthly standard deviation Syntax Operator > ifile ofile Monthly variance monstd Syntax Operator > ifile ofile Monthly percentiles Syntax Operator > ifile ofile Monthly variance Monthly standard deviation Operator > ifile ofile Syntax Operator > ifile ofile Monthly percentiles Syntax Trend Trend Tend Trend Tr	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax zonpetl Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field werage Field variance Field standard deviation <operator> ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal average Zonal variance I field percentiles I conal maximum I conal maximum I conal average I conal variance I conal percentiles I conal percentiles I conal percentiles I field fiel I conal minimum I meridional minimum I meridional maximum I meridional maximum I meridional sum I field sofile I conal percentiles I field ofile I meridional minimum I meridional maximum I meridional sum I field sofile I conal percentiles I field sofile I conal minimum I field sofile I fiel</operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daynean dayavg dayvar daystd Syntax daypetl Syntax monmin monmax monsum	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Daily minimum Daily maximum Daily maximum Daily mean Daily wean Daily wean Daily sum Daily sum Daily sum Daily sum Daily file1 ifile2 ifile3 ofile Daily standard deviation < operator > ifile ofile Daily percentiles daypctl,p ifile1 ifile2 ifile3 ofile Monthly minimum Monthly maximum Monthly maximum Monthly sum	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavg ydrunvar ydrunstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running warage Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></operator></operator>	sp2gp sp2spl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral (linear) <operator> ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity O ASCII input input,grid ofile SERVICE input EXTRA input <operator> ofile ASCII output ASCII output</operator></operator>
mervar merstd Meridional variance merstd monstd Monthly standard deviation detrend Detrend Syntax Synta	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmax zonsum zonmax zonsum zonwar zonstd Syntax zonpetl Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field werage Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal sum Zonal standard deviation <operator> ifile ofile Zonal reines Zonal variance Zonal standard deviation <operator> ifile ofile Zonal percentiles zonpctl,p ifile ofile Meridional minimum Meridional minimum Meridional sum Meridional mean Meridional mean Meridional mean</operator></operator></operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daywar dayvar dayvar daystd Syntax daypetl Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly werage Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum Daily variance Daily variance Daily variance Daily variance Daily percentiles ofile Monthly maximum Daily warance Daily sum Daily wariance Daily sum Daily wariance Daily standard deviation <operator> ifile ofile Monthly minimum Monthly maximum Monthly sum Monthly sum Monthly mean</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavar ydrunavt ydrunstd Syntax ydrunstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running warage Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
merstd Meridional standard deviation Syntax < operator > ifile ofile Syntax detrend ifile ofile outputint outputsry Integer output Syntax < operator > ifile ofile Monthly percentiles Trend Trend Trend EXTRA output	ensstd Syntax enspctl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax zonstd Syntax	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field warance Field variance Field standard deviation < operator > ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal werage Zonal variance Zonal standard deviation < operator > ifile ofile Weridional minimum Zonal mean Zonal suriance Zonal standard deviation < operator > ifile ofile Meridional minimum Meridional maximum Meridional maximum Meridional sum Meridional mean Meridional mean Meridional average	timpctl Syntax hourmin hourmax hoursum hourwar hoursud Syntax hourpctl Syntax daymin daymax daysum daywar daysud Syntax daysetl Syntax monmin monmax monsum monmean monavg	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly wariance Hourly variance Hourly standard deviation <operator> ifile ofile Daily minimum Daily maximum Daily maximum Daily sum Daily mean Daily wariance Daily variance Daily variance Daily standard deviation <operator> ifile ofile Daily minimum Daily sum Daily sum Daily sum Daily percentiles daypctl.p ifile1 ifile2 ifile3 ofile Monthly minimum Monthly maximum Monthly maximum Monthly maximum Monthly maximum Monthly maximum Monthly average</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavar ydrunavt ydrunstd Syntax ydrunstd Syntax	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running warage Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></operator></operator>	sp2gp sp2gpl sp2spl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre>Spectral of file</pre> Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear) </pre> O <pre> ASCII input input,grid ofile SERVICE input EXTRA input <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
Syntax <operator> ifile ofile merpctl Meridional percentiles Monthly percentiles Monthly percentiles Monthly percentiles Monthly percentiles Trend Trend Syntax determination of the property of the percentiles Trend Trend </operator>	ensstd Syntax enspctl Syntax fidmin fidmax fidsum fidmean fidavg fidvar fidstd Syntax zonmin zonmax zonsum zonmax zonsum zonstd Syntax mermin mermax mersum meravg	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field warage Field variance Field standard deviation < operator > ifile ofile Zonal minimum Zonal sum Zonal sum Zonal average Zonal variance Zonal standard deviation < operator > ifile ofile Zonal minimum Zonal maximum Zonal maximum Zonal maximum Zonal average Zonal standard deviation < operator > ifile ofile Zonal percentiles	timpetl Syntax hourmin hourmax hoursum hourwar houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daymean dayavg dayvar daystd Syntax monmin monmax monsum monmean monnavg monvar	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Daily minimum Daily maximum Daily sum Daily sum Daily sum Daily sum Daily sum Daily sum Daily serage Daily variance Daily standard deviation < operator > ifile ofile Daily minimum Monthly sum Daily suffile Monthly standard deviation operator > ifile ofile Monthly minimum Monthly minimum Monthly maximum Monthly maximum Monthly maximum Monthly werage Monthly variance	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasvar yseasvar yseasvar yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunwar ydrunstd Syntax ydrunpctl Syntax Regression	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal mean Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running average Multi-year daily running average Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile</operator></operator></operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax output Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre>Spectral to gridpoint (gridpoint to spectral (linear)</pre> <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
merpet Meridional percentiles Syntax monnet in ifile i	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax mermin mermax mersum mermean meravg mervar	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field warage Field variance Field standard deviation < operator > ifile ofile Zonal minimum Zonal sum Zonal sum Zonal average Zonal variance Zonal standard deviation < operator > ifile ofile Zonal minimum Zonal maximum Zonal maximum Zonal maximum Zonal average Zonal standard deviation < operator > ifile ofile Zonal percentiles	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daywar dayvar daystd Syntax daypetl Syntax monmin monmax monsum monavag monvar monstd	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily mean Daily average Daily average Daily standard deviation <operator> ifile ofile Daily file1 ifile2 ifile3 ofile Monthly maximum Daily standard deviation <operator> ifile ofile Daily percentiles daypctl,p ifile1 ifile2 ifile3 ofile Monthly minimum Monthly maximum Monthly maximum Monthly maximum Monthly average Monthly variance Monthly variance Monthly standard deviation</operator></operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavar ydrunavar ydrunstd Syntax ydrunpctl Syntax Regression detrend	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl.p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl.p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running sum Multi-year daily running saverage Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Detrend</operator></operator></operator></operator>	sp2gp sp2gpl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax syntax output Syntax outputf Syntax	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre>Spectral to file</pre> Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number speut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
Syntax monnet n ifi e1 ifi e2 ifi e3 ofi e	ensstd Syntax enspetl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmax zonmax zonsum zonmax zonsum zonvar zonstd Syntax mermin mermax mersum meravg mervar merstd	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field werage Field variance Field standard deviation <operator> ifile ofile Zonal minimum Zonal maximum Zonal maximum Zonal sum Zonal sum Zonal standard deviation <operator> ifile ofile Zonal minimum Zonal maximum Zonal mean Zonal standard deviation <operator> ifile ofile Zonal viriance Zonal standard deviation <operator> ifile ofile Zonal percentiles zonpctl,p ifile ofile Meridional minimum Meridional minimum Meridional maximum Meridional sum Meridional mean Meridional warage Meridional variance Meridional standard deviation Meridional standard deviation Meridional standard deviation</operator></operator></operator></operator></operator>	timpetl Syntax hourmin hourmax hoursum houravg hourvar hourstd Syntax hourpetl Syntax daymin daymax daysum daywar dayvar daystd Syntax daypetl Syntax monmin monmax monsum monwar monavg monvar monstd Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly sum Hourly wean Hourly average Hourly variance Hourly standard deviation < operator > ifile ofile Daily minimum Daily maximum Daily maximum Daily mean Daily average Daily variance Daily standard deviation < operator > ifile ofile Daily percentiles daypctl,p ifile1 ifile2 ifile3 ofile Daily maximum Daily mean Daily sum Daily fandard deviation < operator > ifile ofile Monthly minimum Monthly maximum Monthly maximum Monthly wariance Monthly variance Monthly variance Monthly variance Monthly standard deviation < operator > ifile ofile	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavar ydrunavar ydrunstd Syntax ydrunpctl Syntax Regression detrend	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl.p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal average Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl.p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running sum Multi-year daily running sum Multi-year daily running saverage Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Detrend</operator></operator></operator></operator>	sp2gp sp2gpl sp2spl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl syntax Formatted I/ input Syntax inputsrv inputext Syntax outputf Syntax outputint outputsrv	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre>Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity (linear) <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
	ensstd Syntax enspctl Syntax fldmin fldmax fldsum fldmean fldavg fldvar fldstd Syntax zonmin zonmax zonsum zonmean zonavg zonvar zonstd Syntax mermin mermax mersum mermean meravg mervar merstd Syntax	Ensemble standard deviation <operator> ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field average Field variance Field standard deviation <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal sum Zonal standard deviation <operator> ifile ofile Zonal reines Ensemble standard deviation coperator > ifile ofile Meridional minimum Meridional minimum Meridional mean Meridional average Meridional variance Meridional average Meridional standard deviation <operator> ifile ofile Meridional standard deviation <operator> ifile ofile</operator></operator></operator></operator></operator></operator></operator></operator>	timpctl Syntax hourmin hourmax hoursum hourwar hourstd Syntax hourpctl Syntax daymin daymax daysum daymean dayavg dayvar daystd Syntax daypctl Syntax monmin monmax monsum monmean monavg monvar monstd Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly werage Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum Daily wariance Daily variance Daily variance Daily standard deviation <operator> ifile ofile Monthly minimum Monthly minimum Monthly standard deviation operator> ifile ofile Monthly wariance Monthly variance Monthly standard deviation operator> ifile ofile Monthly percentiles Monthly percentiles Monthly percentiles</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavar ydrunstd Syntax ydrunpctl Syntax Regression detrend Syntax trend	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal warage Multi-year seasonal variance Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running mean Multi-year daily running sum Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Detrend detrend ifile ofile Trend</operator></operator></operator></operator>	sp2gp sp2gpl sp2spl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl syntax Formatted I/ input Syntax output Syntax output Syntax output syntax outputsrv outputext	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre>Spectral of file</pre> Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity U and V wind to divergence and vorticity Spectral of file ASCII input input,grid ofile SERVICE input EXTRA input <pre><pre><pre><pre><pre><pre><pre>ASCII output</pre> output ifiles Formatted output outputf,format,nelem ifiles Integer output EXTRA output EXTRA output EXTRA output </pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
	ensstd Syntax enspctl Syntax fidmin fidmax fidsum fidmean fidavg fidvar fidstd Syntax zonmin zonmax zonsum zonnean zonavg zonvar zonstd Syntax mermin mermax mersum mermean meravg mervar merstd Syntax	Ensemble standard deviation < operator > ifiles ofile Ensemble percentiles enspctl,p ifiles ofile Field minimum Field maximum Field sum Field warance Field variance Field standard deviation < operator > ifile ofile Zonal minimum Zonal maximum Zonal sum Zonal warance Zonal variance Zonal variance Zonal standard deviation < operator > ifile ofile Meridional minimum Meridional maximum Meridional warance Meridional variance Meridional variance Meridional variance Meridional standard deviation < operator > ifile ofile Meridional maximum Meridional maximum Meridional sum Meridional deviation < operator > ifile ofile Meridional variance Meridional standard deviation < operator > ifile ofile Meridional percentiles Meridional percentiles	timpctl Syntax hourmin hourmax hoursum hourwar hourstd Syntax hourpctl Syntax daymin daymax daysum daymean dayavg dayvar daystd Syntax daypctl Syntax monmin monmax monsum monmean monavg monvar monstd Syntax	Time percentiles timpctl,p ifile1 ifile2 ifile3 ofile Hourly minimum Hourly maximum Hourly mean Hourly werage Hourly variance Hourly standard deviation <operator> ifile ofile Hourly percentiles hourpctl,p ifile1 ifile2 ifile3 ofile Daily minimum Daily maximum Daily sum Daily wariance Daily variance Daily variance Daily standard deviation <operator> ifile ofile Monthly minimum Monthly minimum Monthly standard deviation operator> ifile ofile Monthly wariance Monthly variance Monthly standard deviation operator> ifile ofile Monthly percentiles Monthly percentiles Monthly percentiles</operator></operator>	ymonvar ymonstd Syntax ymonpctl Syntax yseasmin yseasmax yseassum yseasavar yseasvar yseastd Syntax yseaspctl Syntax ydrunmin ydrunmax ydrunsum ydrunavar ydrunstd Syntax ydrunpctl Syntax Regression detrend Syntax trend	Multi-year monthly variance Multi-year monthly standard deviation <operator> ifile ofile Multi-year monthly percentiles ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal minimum Multi-year seasonal maximum Multi-year seasonal sum Multi-year seasonal warage Multi-year seasonal variance Multi-year seasonal variance Multi-year seasonal standard deviation <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running minimum Multi-year daily running sum Multi-year daily running mean Multi-year daily running sum Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running standard deviation <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Detrend detrend ifile ofile Trend</operator></operator></operator></operator>	sp2gp sp2gpl sp2spl gp2sp gp2spl Syntax sp2sp Syntax spcut Syntax dv2uv dv2uvl uv2dv uv2dvl syntax Formatted I/ input Syntax output Syntax output Syntax output syntax outputsrv outputext	Spectral to gridpoint Spectral to gridpoint (linear) Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral Gridpoint to spectral (linear) <pre><pre><pre><pre><pre><pre><pre>Spectral to spectral sp2sp,trunc ifile ofile Spectral to spectral sp2sp,trunc ifile ofile Cut spectral wave number spcut,wnums ifile ofile Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity U and V wind to divergence and vorticity U and V wind to divergence and vorticity Spectral of specified ASCII input input,grid ofile SERVICE input EXTRA input <pre><pre><pre><pre><pre><pre>ASCII output</pre> output ifiles Formatted output outputf,format,nelem ifiles Integer output EXTRA output EXTRA output EXTRA output EXTRA output EXTRA output </pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>

Miscellaneous		eca_hwfi Syntax	Warm spell days index wrt 90th percentile of refere
gradsdes1	GrADS data descriptor file (version 1 GRIB map)	V	eca_hwfi[,nday] ifile1 ifile2 ofile
gradsdes2	GrADS data descriptor file (version 2 GRIB map) <operator> ifile</operator>	eca_id Syntax	Ice days index per time period eca_id ifile ofile
Syntax	^	V	
smooth9	9 point smoothing smooth9 ifile ofile	eca_r10mm	Heavy precipitation days index per time period
Syntax		Syntax	eca_r10mm ifile ofile
setrtoc	Set range to constant	eca_r20mm	Very heavy precipitation days index per time perio
Syntax	setrtoc,rmin,rmax,c ifile ofile Set range to constant others to constant2	Syntax	eca_r20mm ifile ofile
Syntax	setrtoc2,rmin,rmax,c,c2 ifile ofile	eca_r75p Syntax	Moderate wet days wrt 75th percentile of reference eca_r75p ifile1 ifile2 ofile
timsort Syntax	Sort over the time timsort ifile ofile	eca_r75ptot Syntax	Precipitation percent due to R75p days eca_r75ptot ifile1 ifile2 ofile
const	Create a constant field	eca_r90p	Wet days wrt 90th percentile of reference period
Syntax	const,const,grid ofile	Syntax	eca_r90p ifile1 ifile2 ofile
random	Create a field with random values	eca_r90ptot	Precipitation percent due to R90p days
Syntax	random,grid ofile	Syntax	eca_r90ptot ifile1 ifile2 ofile
rotuvb	Backward rotation		
Syntax	rotuvb,u,v, ifile ofile	eca_r95p	Very wet days wrt 95th percentile of reference peri
mastrfu	Mass stream function	Syntax	eca_r95p ifile1 ifile2 ofile
Syntax	mastrfu ifile ofile	eca_r95ptot	Precipitation percent due to R95p days
histcount	Histogram count	Syntax	eca_r95ptot ifile1 ifile2 ofile
histsum	Histogram sum	eca_r99p	Extremely wet days wrt 99th percentile of reference
histmean	Histogram mean	Syntax	eca_r99p ifile1 ifile2 ofile
histfreq	Histogram frequency	eca_r99ptot	Precipitation percent due to R99p days
Syntax	<pre><operator>,bins ifile ofile</operator></pre>	Syntax	eca_r99ptot ifile1 ifile2 ofile
wet Syntax	Windchill temperature (C) wct ifile1 ifile2 ofile	eca_rr1 Syntax	Wet days index per time period eca_rr1 ifile ofile
fdns	Frost days where no snow index per time period	eca_rx1day	Highest one day precipitation amount per time per
Syntax	fdns ifile1 ifile2 ofile	Syntax	eca_rx1day[,mode] ifile ofile
strwin	Strong wind days index per time period		
		aca ry5day	Highest five day precipitation amount per time per
Syntax	$\mathbf{strwin}[,v]$ ifile ofile	eca_rx5day Syntax	
Syntax	strwin[,v] ifile ofile Strong breeze days index per time period	Syntax	eca_rx5day[,x] ifile ofile
		Syntax eca_sdii	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period
strbre	Strong breeze days index per time period	Syntax eca_sdii Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile
strbre Syntax	Strong breeze days index per time period strbre ifile ofile	Syntax eca_sdii Syntax eca_su	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period
strbre Syntax strgal Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile	Syntax eca_sdii Syntax eca_su Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile
strbre Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p	Simple daily intensity index per time period eca.sdii ifile ofile Summer days index per time period eca.su[,T] ifile ofile Cold days percent wrt 10th percentile of reference
strbre Syntax strgal Syntax hurr	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period	Syntax eca_sdii Syntax eca_su Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile
strbre Syntax strgal Syntax hurr	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference
strbre Syntax strgal Syntax hurr Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period	eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference
strbre Syntax strgal Syntax hurr Syntax ECA indices	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile	eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period	eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tg90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile	eca_sdii Syntax eca_su Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn90p ifile1 ifile2 ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period	eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[,T] ifile ofile	eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_cfd Syntax eca_csu Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca.cdd ifile ofile Consecutive frost days index per time period eca.cfd ifile ofile Consecutive summer days index per time period eca.csu[,T] ifile ofile Consecutive wet days index per time period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn10p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn90p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_csu Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[,T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn90p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference eca_tx10p ifile1 ifile2 ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca.cdd ifile ofile Consecutive frost days index per time period eca.cfd ifile ofile Consecutive summer days index per time period eca.csu[,T] ifile ofile Consecutive wet days index per time period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax	cca_rx5day[,x] ifile ofile Simple daily intensity index per time period cca_sdii ifile ofile Summer days index per time period cca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference cca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference cca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference cca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference cca_tn10p ifile1 ifile2 ofile Tropical nights index per time period cca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference cca_tx10p ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference cca_tx10p ifile1 ifile2 ofile
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwd Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca.cdd ifile ofile Consecutive frost days index per time period eca.cfd ifile ofile Consecutive summer days index per time period eca.csu[,T] ifile ofile Consecutive wet days index per time period eca.cwd ifile ofile Consecutive wet days index per time period eca.cwd ifile ofile Cold wave duration index wrt mean of reference pe eca.cwdi[,nday[,T]] ifile1 ifile2 ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwd Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[,T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_cwd Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca.cdd ifile ofile Consecutive frost days index per time period eca.cfd ifile ofile Consecutive summer days index per time period eca.csu[,T] ifile ofile Consecutive wet days index per time period eca.csu[,T] ifile ofile Consecutive wet days index per time period eca.csu[,T] ifile ofile Consecutive wet days index per time period eca.csu[,T] ifile ofile Cold-sum duration index wrt mean of reference period eca.cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.csum cold inday] ifile1 ifile2 ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwdi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[.T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference period eca_cwdi[.nday[.T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.cwfi[.nday] ifile1 ifile2 ofile Intra-period extreme temperature range	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[.T] ifile ofile Consecutive wet days index per time period eca_csu[.T] ifile ofile Consecutive wet days index per time period eca_ccud ifile ofile Cold wave duration index wrt mean of reference peca_cwdi[.nday[.T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference_ccucle[.nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cdd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cdi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[.T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference pereca_cwdi[.nday[.T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.ca_cwfi[.nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr_ifile1 ifile2 ofile Frost days index per time period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cfd Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_cdd Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[,T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference period eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.cwfi[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period eca_fd ifile ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cdd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cdf Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[,T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference pe eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.cwf[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period eca_fd ifile ofile Growing season length index	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca_cdd Syntax eca_cdd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cdudi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[.T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave days index per time period eca_cwdi[.nday[.T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference pereca_cwf[.nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period eca_fd ifile ofile Growing season length index eca_gsl[.nday[.T]] ifile ofile	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax CCA indices eca_cdd Syntax eca_cdd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile Consecutive summer days index per time period eca_csu[,T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference pe eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.cwf[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period eca_fd ifile ofile Growing season length index	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.
strbre Syntax strgal Syntax hurr Syntax ECA indices eca.cdd Syntax eca.cdd Syntax eca.cwd Syntax eca.cwd Syntax eca.cwdi Syntax eca.cwfi Syntax	Strong breeze days index per time period strbre ifile ofile Strong gale days index per time period strgal ifile ofile Hurricane days index per time period hurr ifile ofile Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cdd ifile ofile Consecutive summer days index per time period eca_csu[.T] ifile ofile Consecutive wet days index per time period eca_cwd ifile ofile Cold wave duration index wrt mean of reference pe eca_cwdi[.nday[.T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference.cwfi[.nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period eca_fd ifile ofile Growing season length index eca_gsl[.nday[.T]] ifile ofile Heating degree days per time period	Syntax eca_sdii Syntax eca_su Syntax eca_tg10p Syntax eca_tg90p Syntax eca_tn10p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tn90p Syntax eca_tr90p Syntax eca_tr10p Syntax eca_tr10p Syntax eca_tr10p Syntax eca_tr10p Syntax eca_tr10p Syntax eca_tr10p Syntax	eca_rx5day[,x] ifile ofile Simple daily intensity index per time period eca_sdii ifile ofile Summer days index per time period eca_su[,T] ifile ofile Cold days percent wrt 10th percentile of reference eca_tg10p ifile1 ifile2 ofile Warm days percent wrt 90th percentile of reference eca_tg90p ifile1 ifile2 ofile Cold nights percent wrt 10th percentile of reference eca_tn10p ifile1 ifile2 ofile Warm nights percent wrt 90th percentile of reference eca_tn10p ifile1 ifile2 ofile Tropical nights index per time period eca_tr[,T] ifile ofile Very cold days percent wrt 10th percentile of reference. tr(.T) ifile1 ifile2 ofile Very warm days percent wrt 90th percentile of reference. Very warm days percent wrt 90th percentile of reference.