CDO Reference Card

Climate Data Operators Version 1.1.1 April 2008

Uwe Schulzweida Max-Planck-Institute for Meteorology

Syntax

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
-s	Silent mode
-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
-z szip	Compress GRIB records with szip

Operators

Operators	
Information	
info	Dataset information listed by code number
infov	Dataset information listed by variable name
map	Dataset information and simple map
Syntax	<pre><operator> ifiles</operator></pre>
sinfo	Short dataset information listed by code number
sinfov	Short dataset information listed by variable name
Syntax	<pre><operator> ifiles</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>
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	<pre><operator> ifile</operator></pre>
showformat	Show file format
showcode	Show code numbers
showname	Show variable names
showstdname	Show standard names
showlevel	Show levels
showltype	Show GRIB level types
showyear	Show years
showmon	Show months
showdate	Show dates
showtime	Show time steps
Syntax	<pre><operator> ifile</operator></pre>
pardes	Parameter description
griddes	Grid description
zaxisdes	Zaxis description
vct	Vertical coordinate table
Syntax	<pre><operator> ifile</operator></pre>

File operations

copy	Copy datasets
cat	Concatenate datasets
Syntax	< operator > ifiles ofile
replace	Replace variables
Syntax	replace ifile1 ifile2 ofile
merge	Merge datasets with different fields
mergetime	Merge datasets sorted by date and time
Syntax	<pre><operator> ifiles ofile</operator></pre>
splitcode	Split code numbers
splitname	Split variable names
splitlevel	Split levels
splitgrid	Split grids
splitzaxis	Split zaxis
Syntax	< operator > ifile oprefix
splithour	Split hours
splitday	Split days
splitmon	Split months
splitseas	Split seasons
splityear	Split years
Syntax	< operator > ifile oprefix
splitsel	Split time selection
	splitsel,nsets[,noffset[,nskip]] ifile oprefix

Select variables by code number

Delete variables by code number

Selection selcode delcode

	Delete variables by code number
Syntax	<pre><operator>,codes ifile ofile</operator></pre>
selname	Select variables by name
delname	Delete variables by name
Syntax	<pre><operator>,varnames ifile ofile</operator></pre>
selstdname	Select variables by standard name
Syntax	selstdname,stdnames ifile ofile
sellevel	Select levels
Syntax	sellevel, levels ifile ofile
selgrid	Select grids
Syntax	selgrid, grids ifile ofile
selgridname	Select grids by name
Syntax	selgridname,gridnames ifile ofile
selzaxis	Select zaxes
Syntax	selzaxis,zaxes ifile ofile
selzaxisname	Select zaxes by name
Syntax	selzaxisname,zaxisnames ifile ofile
selltype	Select GRIB level types
Syntax	selltype, ltypes ifile ofile
seltabnum	Select parameter table numbers
Syntax	seltabnum,tabnums ifile ofile
	To an analysis of the state of
seltimestep	Select time steps
seltimestep Syntax	Select time steps seltimestep, timesteps ifile ofile
Syntax	seltimestep,timesteps ifile ofile
Syntax seltime	seltimestep, timesteps ifile ofile Select times
Syntax Seltime Syntax	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile
Syntax seltime Syntax selhour	seltimestep, timesteps ifile ofile Select times seltime, times ifile ofile Select hours
Syntax seltime Syntax selhour Syntax	seltimestep.timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile
Syntax seltime Syntax selhour Syntax selday	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days
Syntax seltime Syntax selhour Syntax selday Syntax	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile
Syntax seltime Syntax selhour Syntax selday Syntax selmon	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hows ifile ofile Select days selday,days ifile ofile Select months
Syntax seltime Syntax selhour Syntax selday Syntax selmon Syntax	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years selyear,years ifile ofile
Syntax seltime Syntax selhour Syntax selday Syntax selmon Syntax selyear	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years
Syntax seltime Syntax selhour Syntax selday Syntax selday Syntax selmon Syntax selyear Syntax	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years selyear,years ifile ofile
Syntax seltime Syntax selhour Syntax selday Syntax selmon Syntax selyear Syntax selseas	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years selyear,years ifile ofile Select seasons
Syntax seltime Syntax selhour Syntax selday Syntax selmon Syntax selyear Syntax selseas Syntax	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years selyear,years ifile ofile Select seasons selseas,seasons ifile ofile
Syntax seltime Syntax selhour Syntax selday Syntax selmon Syntax selyear Syntax selseas Syntax seldate	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years selyear,years ifile ofile Select seasons selseas,seasons ifile ofile Select dates
Syntax seltime Syntax selhour Syntax selday Syntax selmon Syntax selyear Syntax selseas Syntax selseas Syntax seldate Syntax	seltimestep,timesteps ifile ofile Select times seltime,times ifile ofile Select hours selhour,hours ifile ofile Select days selday,days ifile ofile Select months selmon,months ifile ofile Select years selyear,years ifile ofile Select seasons selseas,seasons ifile ofile Select dates seldate,date1[,date2] ifile ofile

sellonlatbox	Select a longitude/latitude box
Syntax	sellonlatbox, lon1, lon2, lat1, lat2 ifile ofile
selindexbox	Select an index box
Syntax	selindexbox.idx1.idx2.idv1.idv2 ifile ofile

Conditional selection

ifthen	If then
ifnotthen	If not then
Syntax	<pre><operator> ifile1 ifile2 ofile</operator></pre>
ifthenelse	If then else
Syntax	ifthenelse ifile1 ifile2 ifile3 ofile
ifthenc	If then constant

If not then constant

Syntax | < operator >, c ifile ofile

Comparison

ifnotthenc

eq		Equal
ne		Not equal
le		Less equal
lt		Less than
ge		Greater equal
gt		Greater than
	Syntax	<pre><operator> ifile1 ifile2 ofile</operator></pre>
0.00		Equal constant
eqc		Equal constant
nec		Not equal constant
1 1		*
nec		Not equal constant
nec lec		Not equal constant Less equal constant
nec lec ltc		Not equal constant Less equal constant Less then constant

Set parameter table setpartab, table ifile ofile

Set code number

Modification setpartab

setcode

Syntax

bottoac	DOU COGO HAMBOT
Syntax	setcode, code ifile ofile
setname	Set variable name
Syntax	setname,name ifile ofile
setlevel	Set level
Syntax	setlevel, level ifile ofile
setltype	Set GRIB level type
Syntax	setltype, ltype ifile ofile
setdate	Set date
Syntax	setdate, date ifile ofile
settime	Set time
Syntax	settime, time ifile ofile
setday	Set day
Syntax	setday,day ifile ofile
setmon	Set month
Syntax	setmon, month ifile ofile
setyear	Set year
Syntax	setyear, year ifile ofile
settunits	Set time units
Syntax	settunits, units ifile ofile
settaxis	Set time axis
Syntax	settaxis,date,time[,inc] ifile ofile
setreftime	Set reference time
Syntax	setreftime, date, time ifile ofile
setcalendar	Set calendar
Syntax	setcalendar,calendar ifile ofile
shifttime	Shift time steps
Syntax	shifttime.sval ifile ofile

1	chcode	Change code number
	Syntax	<pre>chcode,oldcode,newcode[,] ifile ofile</pre>
1	chname	Change variable name
	Syntax	chname,ovar,nvar, ifile ofile
	chlevel	Change level
	Syntax	chlevel,oldlev,newlev, ifile ofile
	chlevelc	Change level of one code
	Syntax	<pre>chlevelc,code,oldlev,newlev ifile ofile</pre>
	chlevelv	Change level of one variable
	Syntax	chlevelv,var,oldlev,newlev ifile ofile
	setgrid	Set grid
	Syntax	setgrid,grid ifile ofile

Syntax	setzaxis,zaxis ifile ofile
setgatt	Set global attribute
Syntax	setgatt, attname, attstring ifile ofile
setgatts	Set global attributes

setgridtype,gridtype ifile ofile

Set grid type

Set zaxis

invertlat	Invert latitude	
invertion	Invert longitude	
invertlatdes	Invert latitude description	
invertiondes	Invert longitude description	
invertlatdata	Invert latitude data	
invertlondata	Invert longitude data	
Syntax	< operator > ifile ofile	
maskregion	Mask regions	

Syntax setgatts, attfile ifile ofile

Syntax	maskregion, regions ifile ofile
masklonlatbox	Mask a longitude/latitude box
Syntax	masklonlatbox,lon1,lon2,lat1,lat2 ifile ofile
maskindexbox	Mask an index box
Syntax	maskindexbox,idx1,idx2,idy1,idy2 ifile ofile
setclonlathox	Set a longitude/latitude box to constant

enlarge	Enlarge fields
Syntax	setcindexbox,c,idx1,idx2,idy1,idy2 ifile ofil
setcindexbox	Set an index box to constant
Syntax	setclonlatbox,c,lon1,lon2,lat1,lat2 ifile ofile
settioniatiox	bet a longitude/latitude box to constant

	Symax	emarge,gra iiiie oille
7		
	setmissval	Set a new missing value
4	Syntax	setmissval, miss ifile ofile
	setctomiss	Set constant to missing value
4	setmisstoc	Set missing value to constant
	Syntax	< operator >, c ifile ofile
	setrtomiss	Set range to missing value

setrtomiss,rmin,rmax ifile ofile

Arithmetic

setgridtype

setzaxis

Syntax

Arithmetic				
expr		Evaluate expressions		
	Syntax	expr,instr ifile ofile		
exprf		Evaluate expressions from script file		
	Syntax	exprf,filename ifile ofile		
abs		Absolute value		
int		Integer value		
nint		Nearest integer value		
sqr		Square		
sqrt		Square root		
exp		Exponential		
ln		Natural logarithm		
log10		Base 10 logarithm		
sin		Sine		
cos		Cosine		
tan		Tangent		
asin		Arc sine		
acos		Arc cosine		
atan		Arc tangent		
	Syntax	<pre><operator> ifile ofile</operator></pre>		

addc	Add a constant		timpctl	Time percentiles	genbil	Generate bilinear interpolation weights	setrtoc	Set range to constant
subc	Subtract a constant		Syntax	timpctl,p ifile1 ifile2 ifile3 ofile	genbic	Generate bicubic interpolation weights	Syntax	setrtoc,rmin,rmax,c ifile ofile
mulc	Multiply with a constant		hour <stat></stat>	Hourly statistical values	gencon	Generate conservative interpolation weights	setrtoc2	Set range to constant others to constant2
divc Syntax	Divide by a constant <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	16	Syntax	<pre><operator> ifile ofile</operator></pre>	gendis Syntax	Generate distance-weighted averaging weights <pre></pre> <pre><pre></pre> <pre></pre> <pre< td=""><td>Syntax</td><td>setrtoc2,rmin,rmax,c,c2 ifile ofile</td></pre<></pre>	Syntax	setrtoc2,rmin,rmax,c,c2 ifile ofile
add	Add two fields	.10	hourpctl	Hourly percentiles	remap	SCRIP grid remapping	timsort Syntax	Sort over the time timsort ifile ofile
sub	Subtract two fields		Syntax	hourpctl,p ifile1 ifile2 ifile3 ofile	Syntax	remap,grid,weights ifile ofile	V	
mul	Multiply two fields		day < STAT >	Daily statistical values	interpolate	PINGO grid interpolation	const Syntax	Create a constant field const,const,grid ofile
div	Divide two fields		Syntax	<pre><operator> ifile ofile</operator></pre>	intgridbil	Bilinear grid interpolation	random	Create a field with random values
min max	Minimum of two fields Maximum of two fields		daypctl	Daily percentiles	Syntax	<pre><operator>,grid ifile ofile</operator></pre>	Syntax	random,grid ofile
atan2	Arc tangent of two fields		Syntax	daypctl,p ifile1 ifile2 ifile3 ofile	remapeta	Remap vertical hybrid level	rotuvb	Backward rotation
Syntax	<pre><operator> ifile1 ifi</operator></pre>	le2 ofile	mon < STAT >	Monthly statistical values	Syntax	remapeta, vct[,oro] ifile ofile	Syntax	rotuvb,u,v, ifile ofile
monadd	Add monthly time series		Syntax	<pre><operator> ifile ofile</operator></pre>	ml2pl	Model to pressure level interpolation	mastrfu	Mass stream function
monsub	Subtract monthly time se		monpctl	Monthly percentiles	Syntax	ml2pl,plevels ifile ofile	Syntax	mastrfu ifile ofile
monmul mondiv	Multiply monthly time serior Divide monthly time serior		Syntax	monpctl,p ifile1 ifile2 ifile3 ofile	ml2hl Syntax	Model to height level interpolation ml2hl, hlevels ifile ofile	histcount	Histogram count
Syntax	<pre><operator> ifile1 ifi</operator></pre>		year <stat></stat>	Yearly statistical values	inttime	Time interpolation	histsum	Histogram sum
ymonadd	Add multi-year monthly		Syntax	< operator > ifile ofile	Syntax	inttime, date, time[,inc] ifile ofile	histmean histfreq	Histogram mean Histogram frequency
ymonsub	Subtract multi-year mont		yearpctl	Yearly percentiles	intntime	Time interpolation	Syntax	<pre><pre><pre>coperator >, bounds ifile ofile</pre></pre></pre>
ymonmul	Multiply multi-year mont		Syntax	yearpctl,p ifile1 ifile2 ifile3 ofile	Syntax	intntime,n ifile ofile	wct	Windchill temperature (C)
ymondiv	Divide multi-year monthl		seas <stat> Syntax</stat>	Seasonal statistical values	intyear	Year interpolation	Syntax	wct ifile1 ifile2 ofile
Syntax	<pre>< operator > ifile1 ifi</pre>		v	< operator > ifile ofile	Syntax	intyear, years ifile1 ifile2 oprefix	fdns	Frost days where no snow index per time period
muldpm divdpm	Multiply with days per m Divide by days per month		seaspctl	Seasonal percentiles			Syntax	fdns ifile1 ifile2 ofile
muldpy	Multiply with days per ye		Syntax	seaspctl,p ifile1 ifile2 ifile3 ofile			strwin	Strong wind days index per time period
divdpy	Divide by days per year		yhour <stat< td=""><td>Multi-year hourly statistical values <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></td><td>Transformation</td><td>on</td><td>Syntax</td><td>strwin[,v] ifile ofile</td></stat<>	Multi-year hourly statistical values <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	Transformation	on	Syntax	strwin[,v] ifile ofile
Syntax	<pre>< operator > ifile ofile</pre>	e			sp2gp	Spectral to gridpoint	strbre	Strong breeze days index per time period
			yday <stat> Syntax</stat>	Multi-year daily statistical values <pre><pre><pre>coperator> ifile ofile</pre></pre></pre>	sp2gpl gp2sp	Spectral to gridpoint (linear) Gridpoint to spectral	Syntax	strbre ifile ofile
Statistical val	lues			*	gp2spl gp2spl	Gridpoint to spectral (linear)	strgal	Strong gale days index per time period
Availa	able statistical functions	$\langle STAT \rangle$	ydaypctl Syntax	Multi-year daily percentiles ydaypctl,p ifile1 ifile2 ifile3 ofile	Syntax	<pre>< operator > ifile ofile</pre>	Syntax	strgal ifile ofile
minimu	um	min		T T T T	sp2sp	Spectral to spectral	hurr	Hurricane days index per time period
maximu	num	max	ymon <stat> Syntax</stat>	Multi-year monthly statistical values <pre> <pre> <pre> <pre>coperator> ifile ofile</pre></pre></pre></pre>	Syntax	sp2sp,trunc ifile ofile Cut spectral wave number	Syntax	hurr ifile ofile
sum		sum mean	ymonpctl	Multi-year monthly percentiles	spcut Syntax	spcut,wnums ifile ofile		
average	e				dv2uv	Divergence and vorticity to U and V wind	Climate indic	05
variance	ce	avg var	Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile	dv2uv dv2uvl	Divergence and vorticity to U and V wind Divergence and vorticity to U and V wind (linear)	Climate indic	
variance		avg			dv2uvl uv2dv	Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity	Climate indic	es Consecutive dry days index per time period eca_cdd ifile ofile
variance standar ens <stat></stat>	ce urd deviation Statistical values over an	avg var std ensemble	Syntax yseas < STAT > Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile</operator>	dv2uvl uv2dv uv2dvl	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)	eca_cdd Syntax	Consecutive dry days index per time period eca_cdd ifile ofile
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \\ \text{Syntax} \end{array}$	ce urd deviation Statistical values over an <pre><operator> ifiles ofi</operator></pre>	avg var std ensemble	Syntax yseas < STAT >	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values	dv2uvl uv2dv	Divergence and vorticity to U and V wind (linear) U and V wind to divergence and vorticity	eca_cdd	Consecutive dry days index per time period
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \\ \text{Syntax} \\ \\ \text{enspctl} \end{array}$	ce rd deviation Statistical values over an <pre><operator> ifiles ofi</operator></pre> Ensemble percentiles	avg var std ensemble	Syntax yseas <stat> Syntax yseaspctl Syntax</stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile	dv2uvl uv2dv uv2dvl	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)	eca_cdd Syntax	Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period eca_cfd ifile ofile
variance standar ens <stat> Syntax enspetl Syntax</stat>	ce urd deviation Statistical values over an <operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile</operator>	avg var std ensemble le	Syntax yseas <stat> Syntax yseaspctl Syntax</stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles</operator>	dv2uvl uv2dv uv2dvl	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 > ifile ofile	eca_cdd Syntax eca_cfd Syntax	Consecutive dry days index per time period eca_cdd ifile ofile Consecutive frost days index per time period
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \end{array}$	Statistical values over an <pre> <pre> <pre> <pre></pre></pre></pre></pre>	avg var std ensemble le	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat:< td=""><td>ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values</operator></td><td>dv2uvl uv2dv uv2dvl Syntax</td><td>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><operator> ifile ofile</operator></pre></td><td>eca_cdd Syntax eca_cfd Syntax eca_csu</td><td>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</td></stat:<></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values</operator>	dv2uvl uv2dv uv2dvl Syntax	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><operator> ifile ofile</operator></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu	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
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \end{array}$	ce rd deviation Statistical values over an < operator > ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over a file < operator > ifile ofil Field percentiles	avg var std ensemble le	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat syntax<="" td=""><td>ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile</operator></operator></td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/</td><td>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> O ASCII input </pre></td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax</td><td>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</td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/	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> O ASCII input </pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax	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
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \\ \text{fld} < STAT > \\ \\ \text{Syntax} \\ \\ \end{array}$	Statistical values over an < operator > ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over a file < operator > ifile ofil Field percentiles	avg var std ensemble le	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat: syntax="" td="" ydrunetl<=""><td>ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></td><td>dv2uvl uv2dv uv2dvl Syntax</td><td>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><operator> ifile ofile</operator></pre></td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_csu</td><td>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</td></stat:></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator>	dv2uvl uv2dv uv2dvl Syntax	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><operator> ifile ofile</operator></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_csu	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
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \\ \text{Syntax} \\ \\ \\ \text{zon} < STAT > \\ \\ \end{array}$	ce rd deviation Statistical values over an < operator > ifiles ofi Ensemble percentiles enspetl,p ifiles ofile Statistical values over a fi < operator > ifile ofil Field percentiles fldpctl,p ifile ofile Zonal statistical values	avg var std ensemble le	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat: syntax="" td="" ydrunetl<=""><td>ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext</td><td>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><operator> ifile ofile</operator></pre> O ASCII input input,grid ofile SERVICE input EXTRA input</td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_csu Syntax</td><td>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</td></stat:></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext	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><operator> ifile ofile</operator></pre> O ASCII input input,grid ofile SERVICE input EXTRA input	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_csu Syntax	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
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \text{enspetl} \\ \\ \text{Syntax} \\ \\ \text{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \text{fidpetl} \\ \\ \text{Syntax} \\ \\ \\ \text{fodpetl} \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	ce and deviation Statistical values over an	avg var std ensemble le	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat syntax="" syntax<="" td="" ydrunpctl=""><td>ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator></td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax</td><td>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> O ASCII input input,grid ofile SERVICE input EXTRA input <pre> <pre> <pre> <pre> <pre></pre></pre></pre></pre></pre></pre></pre></pre></td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference</td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax	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> O ASCII input input,grid ofile SERVICE input EXTRA input <pre> <pre> <pre> <pre> <pre></pre></pre></pre></pre></pre></pre></pre></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \textbf{ens} < STAT > \\ \text{Syntax} \\ \\ \textbf{enspctl} \\ \text{Syntax} \\ \\ \textbf{fld} < STAT > \\ \text{Syntax} \\ \\ \textbf{fldpctl} \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \end{array}$	ce rd deviation Statistical values over an < operator > ifiles ofi Ensemble percentiles enspetl,p ifiles ofile Statistical values over a fi < operator > ifile ofil Field percentiles fldpctl,p ifile ofile Zonal statistical values	avg var std ensemble le	Syntax yseas< STAT> Syntax yseaspctl Syntax ydrun< STAT: Syntax ydrunpctl Syntax Regression	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output	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>coperator> ifile ofile</pre> O ASCII input input,grid ofile SERVICE input EXTRA input <pre>coperator> ofile</pre> ASCII output	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \textbf{ens} < STAT > \\ \text{Syntax} \\ \\ \textbf{enspctl} \\ \text{Syntax} \\ \\ \textbf{fld} < STAT > \\ \text{Syntax} \\ \\ \textbf{fldpctl} \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \textbf{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \textbf{Syntax} \\ \\ \\ \textbf{zonpctl} \\ \\ \\ \textbf{Syntax} \\ \\ \\ \\ \textbf{zonpctl} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofil Field percentiles fldpctl,p ifile ofile Zonal statistical values <operator> ifile ofil Zonal percentiles topic file ofile Jonal percentiles zonpctl,p ifile ofile</operator></operator></operator></pre>	avg var std ensemble le e	Syntax yseas < STAT > Syntax yseaspctl Syntax ydrun < STAT ; Syntax ydrunpctl Syntax Regression regres	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax	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> O ASCII input input,grid ofile SERVICE input EXTRA input <pre> <pre> <pre></pre></pre></pre></pre></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_cwfi[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \textbf{ens} < STAT > \\ \text{Syntax} \\ \\ \textbf{enspctl} \\ \text{Syntax} \\ \\ \textbf{fld} < STAT > \\ \text{Syntax} \\ \\ \textbf{fldpctl} \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \end{array}$	ce rd deviation Statistical values over an < operator > ifiles ofi Ensemble percentiles enspetl,p ifiles ofile Statistical values over a f < operator > ifile ofil Field percentiles fldpetl,p ifile ofile Zonal statistical values < operator > ifile ofile Zonal statistical values < operator > ifile ofile Zonal percentiles	avg var std ensemble le ield e	Syntax yseas yseas yseaspctl Syntax ydrun ydrun Syntax ydrunpctl Syntax Regression regres Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output	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>coperator> ifile ofile</pre> O ASCII input input,grid ofile SERVICE input EXTRA input <pre>coperator> ofile</pre> ASCII output	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwdi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_cwfi[,nday] ifile1 ifile2 ofile
$\begin{array}{c} \text{variance standar} \\ \\ \textbf{ens} < STAT > \\ \text{Syntax} \\ \\ \textbf{enspctl} \\ \\ \text{Syntax} \\ \\ \textbf{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \textbf{fidpctl} \\ \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \\ \textbf{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \textbf{mer} < STAT > \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	ce rd deviation Statistical values over an <operator> ifiles of i Ensemble percentiles enspctl,p ifiles of ile Statistical values over a fi <operator> ifile of ile Field percentiles fidpctl,p ifile of ile Zonal statistical values <operator> ifile of ile Zonal percentiles zonpctl,p ifile of ile Meridional statistical val <operator> ifile of ile Meridional percentiles if ile of ile Meridional percentiles</operator></operator></operator></operator>	avg var std ensemble le ield e	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat detrend<="" regres="" regression="" syntax="" td="" ydrunpctl=""><td> ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > .nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend </td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf</td><td>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 and V wind to divergence and vorticity (linear) Coperator > ifile ofile ASCII input </td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_cwf[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period</td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > .nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf	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 and V wind to divergence and vorticity (linear) Coperator > ifile ofile ASCII input	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_cwf[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile Frost days index per time period
$\begin{array}{c} \text{variance standar} \\ \\ \textbf{ens} < STAT > \\ \text{Syntax} \\ \\ \textbf{enspctl} \\ \\ \text{Syntax} \\ \\ \textbf{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \textbf{fidpctl} \\ \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \\ \textbf{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \textbf{mer} < STAT > \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre> <pre> <pre> <pre></pre></pre></pre></pre>	avg var std ensemble 1.e eld e	Syntax yseas yseas yseaspctl Syntax ydrun ydrun Syntax ydrunpctl Syntax Regression regres Syntax detrend Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv	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 and V wind to divergence and vorticity (linear) operator > ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input output output output ifiles Formatted output outputf,format,nelem ifiles Integer output SERVICE output SERVICE output	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_cwfi[,nday] ifile1 ifile2 ofile Intra-period extreme temperature range eca_etr ifile1 ifile2 ofile
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \text{Syntax} \\ \\ \\ \text{mer} < STAT > \\ \text{Syntax} \\ \\ \\ \text{mer} < STAT > \\ \text{Syntax} \\ \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{mer} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{mer} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{mer} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre></pre>	avg var std ensemble le e e e	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat detrend="" syntax="" syntax<="" td="" ydrunpctl=""><td> ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend </td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv</td><td>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>ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input <operator> ofile ASCII output output ifiles Formatted output output,format,nelem ifiles Integer output SERVICE output EXTRA output EXTRA output OXIVERIAL INPUT SERVICE output EXTRA output EXTRA output</operator></operator></td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_etr Syntax eca_fd Syntax eca_fd Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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</td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv	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>ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input <operator> ofile ASCII output output ifiles Formatted output output,format,nelem ifiles Integer output SERVICE output EXTRA output EXTRA output OXIVERIAL INPUT SERVICE output EXTRA output EXTRA output</operator></operator>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_etr Syntax eca_fd Syntax eca_fd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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
$\begin{array}{c} \text{variance standar} \\ \\ \textbf{ens} < STAT > \\ \text{Syntax} \\ \\ \textbf{enspctl} \\ \\ \text{Syntax} \\ \\ \textbf{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \textbf{fidpctl} \\ \\ \text{Syntax} \\ \\ \textbf{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \textbf{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \\ \textbf{mer} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \textbf{merpctl} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre> <pre> <pre> <pre></pre></pre></pre></pre>	avg var std ensemble le e e e	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat derend="" detrend="" syntax="" syntax<="" td="" ydrunpctl=""><td> ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > .nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 </td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv</td><td>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 and V wind to divergence and vorticity (linear) operator > ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input output output output ifiles Formatted output outputf,format,nelem ifiles Integer output SERVICE output SERVICE output</td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_ctr Syntax eca_ctr Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_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</td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > .nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv	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 and V wind to divergence and vorticity (linear) operator > ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input output output output ifiles Formatted output outputf,format,nelem ifiles Integer output SERVICE output SERVICE output	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_ctr Syntax eca_ctr Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_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
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal statistical values <operator> ifile ofile Zonal statistical values <operator> ifile ofile Meridional statistical values <operator> ifile ofile Meridional percentiles merpctl,p ifile ofile Vertical statistical values <operator> ifile ofile Vertical statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile</operator></operator></operator></operator></operator></operator></operator></operator></operator></pre>	avg var std ensemble le e e e e ues	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat detrend="" regres="" regression="" subtrend<="" syntax="" td="" trend="" ydrunpctl=""><td> ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend </td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv</td><td>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>ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input <operator> ofile ASCII output output ifiles Formatted output output,format,nelem ifiles Integer output SERVICE output EXTRA output EXTRA output OXIVERIAL INPUT SERVICE output EXTRA output EXTRA output</operator></operator></td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_ctr Syntax eca_etr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period</td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv	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>ifile ofile O ASCII input input,grid ofile SERVICE input EXTRA input <operator> ofile ASCII output output ifiles Formatted output output,format,nelem ifiles Integer output SERVICE output EXTRA output EXTRA output OXIVERIAL INPUT SERVICE output EXTRA output EXTRA output</operator></operator>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_ctr Syntax eca_etr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \text{fidpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \\ \text{Syntax} \\ \\ \\ \text{mer} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{mere STAT} > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{mere STAT} > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{vert} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal statistical values <operator> ifile ofile Zonal statistical values <operator> ifile ofile Meridional statistical values <operator> ifile ofile Meridional percentiles merpctl,p ifile ofile Vertical statistical values <operator> ifile ofile Vertical statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile</operator></operator></operator></operator></operator></operator></operator></operator></pre>	avg var std ensemble le e e e e ues	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat derend="" detrend="" syntax="" syntax<="" td="" ydrunpctl=""><td> ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > .nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 </td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputf utputsrv outputsrv outputsrv outputsrv outputsrv</td><td>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> O ASCII input input.grid ofile SERVICE input EXTRA input <pre> <pre> <pre> <pre> <pre> ASCII output output ifiles</pre> </pre> <pre> Formatted output outputf.format,nelem ifiles Integer output EXTRA output <pre> <pre> <pre> <pre> SERVICE output outputf.format,nelem ifiles Integer output SERVICE output EXTRA output </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> <pre< td=""><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_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],fland]]] ifile1 ifile2 ofile</td></pre<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></td></stat></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > .nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputf utputsrv outputsrv outputsrv outputsrv outputsrv	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> O ASCII input input.grid ofile SERVICE input EXTRA input <pre> <pre> <pre> <pre> <pre> ASCII output output ifiles</pre> </pre> <pre> Formatted output outputf.format,nelem ifiles Integer output EXTRA output <pre> <pre> <pre> <pre> SERVICE output outputf.format,nelem ifiles Integer output SERVICE output EXTRA output </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> <pre< td=""><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_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],fland]]] ifile1 ifile2 ofile</td></pre<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_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],fland]]] ifile1 ifile2 ofile
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofil Field percentiles fldpctl,p ifile ofile Zonal statistical values <operator> ifile ofil Zonal percentiles printed percentiles zonpctl,p ifile ofile Meridional statistical values <operator> ifile ofile Meridional percentiles merpctl,p ifile ofile Vertical statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range percentiles Time range percentiles</operator></operator></operator></operator></operator></operator></operator></pre>	avg var std ensemble le e e e ues t[.nskip]] ifile ofile	Syntax yseas <stat> Syntax yseaspctl Syntax ydrun<stat: detrend="" regres="" regression="" subtrend="" syntax="" syntax<="" td="" trend="" ydrunpctl=""><td> ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend </td><td>dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv outputext Syntax</td><td>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 and V wind to divergence and vorticity (linear) Coperator > ifile ofile ASCII input </td><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cdf Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_sl Syntax eca_hd Syntax eca_hd Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per</td></stat:></stat>	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv outputext Syntax	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 and V wind to divergence and vorticity (linear) Coperator > ifile ofile ASCII input	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cdf Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_sl Syntax eca_hd Syntax eca_hd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{vert} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofil Field percentiles fldpctl,p ifile ofile Zonal statistical values <operator> ifile ofil Zonal percentiles zonpctl,p ifile ofile Meridional statistical value <operator> ifile ofil Meridional percentiles merpctl,p ifile ofile Vertical statistical value <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range percentiles Time range percentiles timselpctl,p,nsets[,noffset]</operator></operator></operator></operator></operator></operator></operator></operator></pre>	avg var std ensemble le e e e e ues t[,nskip]] ifile1 ifile2	Syntax yseas yseaspctl Syntax ydrun Syntax ydrun Syntax ydrunpctl Syntax Regression regres Syntax detrend Syntax trend Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputf utputsrv outputsrv outputsrv outputsrv outputsrv	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> O ASCII input input.grid ofile SERVICE input EXTRA input <pre> <pre> <pre> <pre> <pre> ASCII output output ifiles</pre> </pre> <pre> Formatted output outputf.format,nelem ifiles Integer output EXTRA output <pre> <pre> <pre> <pre> SERVICE output outputf.format,nelem ifiles Integer output SERVICE output EXTRA output </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> <pre< td=""><td>eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_sl Syntax eca_hd Syntax</td><td>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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile</td></pre<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwd Syntax eca_cwdi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_sl Syntax eca_hd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{vert} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofile Field percentiles fldpctl,p ifile ofile Zonal statistical values <operator> ifile ofile Zonal statistical values <operator> ifile ofile Meridional statistical value <operator> ifile ofile Meridional statistical value <operator> ifile ofile Meridional percentiles merpctl,p ifile ofile Vertical statistical values <operator> ifile ofile Time range percentiles timselpctl,p,nsets[,noffse Running statistical values </operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></pre>	avg var std ensemble le le le e ues e e ues t[,nskip]] ifile1 ifile2	Syntax yseas yseaspctl Syntax ydrun Syntax ydrun Syntax ydrunpctl Syntax Regression regres Syntax detrend Syntax trend Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend subtrend ifile1 ifile2 ifile3 ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputf Syntax outputint outputsrv outputint outputsrv outputext Syntax Miscellaneous gridarea	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 and V wind to divergence and vorticity (linear) Coperator > ifile ofile ASCII input	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_ctr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_hd Syntax eca_hd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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[,fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile Warm spell days index wrt 90th percentile of reference
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \text{Syntax} \\ \\ \text{fldpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre><operator> ifiles ofi Ensemble percentiles enspctl,p ifiles ofile Statistical values over af <operator> ifile ofil Field percentiles fidpctl,p ifile ofile Zonal statistical values <operator> ifile ofil Zonal percentiles zonpctl,p ifile ofile Meridional statistical value <operator> ifile ofil Meridional percentiles merpctl,p ifile ofile Vertical statistical value <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Time range statistical values <operator> ifile ofile Running statistical values <operator> ifile ofile Time range percentiles timselpctl,p,nsets[,noffset] Running statistical values <operator> ifile ofile Running statistical values </operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></operator></pre>	avg var std ensemble le le le e ues e e ues t[,nskip]] ifile1 ifile2	Syntax yseas yseas yseaspctl Syntax ydrun Syntax ydrun Syntax ydrunpctl Syntax ydrunpctl Syntax trend Syntax trend Syntax subtrend Syntax ifile3 ofile Interpolation	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend subtrend ifile1 ifile2 ifile3 ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax output Syntax outputf Syntax outputint outputsrv outputsrv outputsrv outputext Syntax Miscellaneous gridarea gridweights Syntax gradsdes1	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 and V wind V and	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_cd Syntax eca_d Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_hd Syntax eca_hd Syntax eca_hd Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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[,fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile Warm spell days index wrt 90th percentile of reference eca_hwfi[,nday] ifile1 ifile2 ofile
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \text{fidpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{Fun} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre> <pre></pre></pre>	avg var std ensemble le e e e e e e e e e file	Syntax yseas yseas Syntax yseaspctl Syntax ydrun Syntax ydrunpctl Syntax Regression regres Syntax detrend Syntax trend Syntax subtrend Syntax subtrend Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend subtrend ifile1 ifile2 ifile3 ofile</operator></operator>	dv2uvl uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax outputf Syntax outputf Syntax outputint outputsrv outputext Syntax Miscellaneous gridarea gridweights Syntax gradsdes1 gradsdes2	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 and V wind to divergence and vorticity (linear) <pre> coperator> ifile ofile ASCII input input.grid ofile SERVICE input EXTRA input coperator> ofile ASCII output output ifiles Formatted output outputf.format.nelem ifiles Integer output SERVICE output EXTRA output coperator> ifiles Grid cell area Grid cell weights coperator> ifile ofile GrADS data descriptor file (version 1 GRIB map) GrADS data descriptor file (version 2 GRIB map)</pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_etar Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_hd Syntax eca_hd Syntax eca_hwdi Syntax eca_hwdi Syntax eca_hwfi Syntax eca_hwfi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile Warm spell days index wrt 90th percentile of reference eca_hwfi[,nday] ifile1 ifile2 ofile Ice days index per time period
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fid} < STAT > \\ \\ \text{Syntax} \\ \\ \text{fidpctl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpctl} \\ \\ \text{Syntax} \\ \\ \text{vert} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timselpctl} \\ \\ \text{Syntax} \\ \\ \\ \text{run} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timselpctl} \\ \\ \text{Syntax} \\ \\ \\ \text{run} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timselpctl} \\ \\ \text{Syntax} \\ \\ \\ \\ \text{run} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre> <pre></pre></pre>	avg var std ensemble le le e e teld e e teld e teld field e field e field fi	Syntax yseas yseaspctl Syntax ydrun ydrun Syntax ydrunpctl Syntax ydrunpctl Syntax trend Syntax trend Syntax subtrend Syntax subtrend Syntax file3 ofile Interpolation remapbil remapbic remapcon	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend subtrend ifile1 ifile2 ifile3 ofile Bilinear interpolation Bicubic interpolation Bicubic interpolation Conservative remapping	dv2uvl uv2dv uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax outputf Syntax outputf Syntax outputint outputsrv outputext Syntax Miscellaneous gridarea gridweights Syntax gradsdes1 gradsdes2 Syntax	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 and V wind to file ASCII input SERVICE input EXTRA input Output ifiles Formatted output output files Integer output SERVICE output EXTRA output Operator > ifiles Grid cell area Grid cell weights Operator > ifile ofile GrADS data descriptor file (version 1 GRIB map) Operator > ifile	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_etr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_hd Syntax eca_hd Syntax eca_hwdi Syntax eca_hwdi Syntax eca_hwfi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,TI,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile Warm spell days index wrt 90th percentile of reference eca_hwfi[,nday] ifile1 ifile2 ofile Ice days index per time period eca_id ifile ofile
$\begin{array}{c} \text{varianc} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspctl} \\ \\ \text{Syntax} \\ \\ \text{fid} < STAT > \\ \text{Syntax} \\ \\ \text{fidpctl} \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \text{Syntax} \\ \\ \text{zonpctl} \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \text{Syntax} \\ \\ \text{vert} < STAT > \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \text{Syntax} \\ \\ \text{timselpctl} \\ \text{Syntax} \\ \\ \text{timselpctl} \\ \text{Syntax} \\ \\ \text{timselpctl} \\ \text{Syntax} \\ \\ \\ \text{timsely} < STAT > \\ \text{Syntax} \\ \\ \\ \text{timsely} < STAT > \\ \text{Syntax} \\ \\ \\ \text{timselpctl} \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \text{Syntax} \\ \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre> <pre> <pre></pre></pre></pre>	avg var std ensemble le dield e e ues e e e ivel[,nskip]] ifile ofile st[,nskip]] ifile1 ifile2 sfile ile time steps	Syntax yseas yseas yseaspctl Syntax ydrun ydrun Syntax ydrunpctl Syntax ydrunpctl Syntax trend Syntax	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values <operator> ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values <operator>,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend subtrend ifile1 ifile2 ifile3 ofile Billinear interpolation Bicubic interpolation Conservative remapping Distance-weighted averaging</operator></operator>	dv2uvl uv2dv uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax outputf Syntax outputf Syntax outputint outputsrv outputext Syntax Miscellaneous gridarea gridweights Syntax gradsdes1 gradsdes2 Syntax smooth9	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 and V wind to file SERVICE input EXTRA input <pre></pre>	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_hwfi Syntax eca_hwfi Syntax eca_hwfi Syntax eca_ld Syntax eca_lwfi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of referenc eca_cwfl,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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,T1[,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile Warm spell days index wrt 90th percentile of referencea_hwfl[,nday] ifile1 ifile2 ofile Ice days index per time period eca_id ifile ofile Heavy precipitation days index per time period
$\begin{array}{c} \text{variance} \\ \text{standar} \\ \\ \text{ens} < STAT > \\ \text{Syntax} \\ \\ \text{enspetl} \\ \\ \text{Syntax} \\ \\ \text{fld} < STAT > \\ \\ \text{Syntax} \\ \\ \text{fldpetl} \\ \\ \text{Syntax} \\ \\ \text{zon} < STAT > \\ \\ \text{Syntax} \\ \\ \text{zonpetl} \\ \\ \text{Syntax} \\ \\ \text{mer} < STAT > \\ \\ \text{Syntax} \\ \\ \text{merpetl} \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \text{Syntax} \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \text{timsel} < STAT > \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \text{Syntax} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Statistical values over an <pre> <pre></pre></pre>	avg var std ensemble le dield e e ues e e e ivel[,nskip]] ifile ofile st[,nskip]] ifile1 ifile2 sfile iile time steps	Syntax yseas yseaspctl Syntax ydrun ydrun Syntax ydrunpctl Syntax ydrunpctl Syntax trend Syntax trend Syntax subtrend Syntax subtrend Syntax file3 ofile Interpolation remapbil remapbic remapcon	ymonpctl,p ifile1 ifile2 ifile3 ofile Multi-year seasonal statistical values < operator > ifile ofile Multi-year seasonal percentiles yseaspctl,p ifile1 ifile2 ifile3 ofile Multi-year daily running statistical values < operator > ,nts ifile ofile Multi-year daily running percentiles ydrunpctl,p,nts ifile1 ifile2 ifile3 ofile Regression regres ifile ofile Detrend detrend ifile ofile Trend trend ifile ofile1 ofile2 Subtract trend subtrend ifile1 ifile2 ifile3 ofile Bilinear interpolation Bicubic interpolation Bicubic interpolation Conservative remapping	dv2uvl uv2dv uv2dv uv2dvl Syntax Formatted I/ input Syntax inputsrv inputext Syntax outputf Syntax outputf Syntax outputint outputsrv outputext Syntax Miscellaneous gridarea gridweights Syntax gradsdes1 gradsdes2 Syntax	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 and V wind to file ASCII input SERVICE input EXTRA input Output ifiles Formatted output output files Integer output SERVICE output EXTRA output Operator > ifiles Grid cell area Grid cell weights Operator > ifile ofile GrADS data descriptor file (version 1 GRIB map) Operator > ifile	eca_cdd Syntax eca_cfd Syntax eca_csu Syntax eca_cwdi Syntax eca_cwfi Syntax eca_cwfi Syntax eca_etr Syntax eca_fd Syntax eca_fd Syntax eca_fd Syntax eca_hd Syntax eca_hd Syntax eca_hwdi Syntax eca_hwdi Syntax eca_hwfi Syntax	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 per eca_cwdi[,nday[,T]] ifile1 ifile2 ofile Cold-spell days index wrt 10th percentile of reference eca_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],fland]]] ifile1 ifile2 ofile Heating degree days per time period eca_hd[,TI,T2]] ifile ofile Heat wave duration index wrt mean of reference per eca_hwdi[,nday[,T]] ifile1 ifile2 ofile Warm spell days index wrt 90th percentile of reference eca_hwfi[,nday] ifile1 ifile2 ofile Ice days index per time period eca_id ifile ofile

eca_r20mm	Very heavy precipitation days index per time period
Syntax	eca_r20mm ifile ofile
eca_r75p	Moderate wet days wrt 75th percentile of reference period
Syntax	eca_r75p ifile1 ifile2 ofile
eca_r75ptot	Precipitation percent due to R75p days
Syntax	eca_r75ptot ifile1 ifile2 ofile
eca_r90p	Wet days wrt 90th percentile of reference period
Syntax	eca_r90p ifile1 ifile2 ofile
eca_r90ptot Syntax	Precipitation percent due to R90p days eca_r90ptot ifile1 ifile2 ofile
eca_r95p	Very wet days wrt 95th percentile of reference period
Syntax	eca_r95p ifile1 ifile2 ofile
eca_r95ptot	Precipitation percent due to R95p days
Syntax	eca_r95ptot ifile1 ifile2 ofile
eca_r99p	Extremely wet days wrt 99th percentile of reference period
Syntax	eca_r99p ifile1 ifile2 ofile
eca_r99ptot	Precipitation percent due to R99p days
Syntax	eca_r99ptot ifile1 ifile2 ofile
eca_rr1 Syntax	Wet days index per time period eca_rr1 ifile ofile
eca_rx1day Syntax	Highest one day precipitation amount per time period eca_rx1day[,mode] ifile ofile
eca_rx5day	Highest five-day precipitation amount per time period
Syntax	eca_rx5day[,x] ifile ofile
eca_sdii	Simple daily intensity index per time period
Syntax	eca_sdii ifile ofile
eca_su	Summer days index per time period
Syntax	eca_su[,T] ifile ofile
eca_tg10p	Cold days percent wrt 10th percentile of reference period
Syntax	eca_tg10p ifile1 ifile2 ofile
eca_tg90p	Warm days percent wrt 90th percentile of reference period
Syntax	eca_tg90p ifile1 ifile2 ofile
eca_tn10p	Cold nights percent wrt 10th percentile of reference period
Syntax	eca_tn10p ifile1 ifile2 ofile
eca_tn90p	Warm nights percent wrt 90th percentile of reference period
Syntax	eca_tn90p ifile1 ifile2 ofile
eca_tr	Tropical nights index per time period eca_tr[,T] ifile ofile
Syntax	5, 7
eca_tx10p Syntax	Very cold days percent wrt 10th percentile of reference period eca_tx10p ifile1 ifile2 ofile
v	
eca_tx90p Syntax	Very warm days percent wrt 90th percentile of reference period eca_tx90p ifile1 ifile2 ofile
Symax	ccalmoop IIII IIII IIII