





<b>output</b>	ASCII output	<b>hurr</b>	Hurricane days index per time period	<b>eca_su</b>	Summer days index per time period
<b>output ifiles</b>	Formatted output	<b>hurr ifile ofile</b>		<b>eca_su[.T] ifile ofile</b>	
<b>outputf</b>	Formatted output			<b>eca_tg10p</b>	Cold days percent wrt 10th percentile of reference period
<b>outputf,format,nelem ifiles</b>				<b>eca_tg10p ifile1 ifile2 ofile</b>	
<b>outputint</b>	Integer output			<b>eca_tg90p</b>	Warm days percent wrt 90th percentile of reference period
<b>outputsrv</b>	SERVICE ASCII output			<b>eca_tg90p ifile1 ifile2 ofile</b>	
<b>outputext</b>	EXTRA ASCII output			<b>eca_tn10p</b>	Cold nights percent wrt 10th percentile of reference period
<b>&lt;operator&gt; ifiles</b>				<b>eca_tn10p ifile1 ifile2 ofile</b>	
<b>Miscellaneous</b>					
<b>gradsdes1</b>	GrADS data descriptor file (version 1 GRIB map)	<b>eca_cdd</b>	Consecutive dry days index per time period	<b>eca_tn90p</b>	Warm nights percent wrt 90th percentile of reference period
<b>gradsdes2</b>	GrADS data descriptor file (version 2 GRIB map)	<b>eca_cdd[.R] ifile ofile</b>		<b>eca_tn90p ifile1 ifile2 ofile</b>	
<b>&lt;operator&gt; ifile</b>		<b>eca_cfd</b>	Consecutive frost days index per time period	<b>eca_tr</b>	Tropical nights index per time period
<b>bandpass</b>	Bandpass filtering	<b>eca_cfd ifile ofile</b>		<b>eca_tx10p</b>	Very cold days percent wrt 10th percentile of reference period
<b>bandpass,fmin,fmax ifile ofile</b>		<b>eca_csu</b>	Consecutive summer days index per time period	<b>eca_tx10p ifile1 ifile2 ofile</b>	
<b>lowpass</b>	Lowpass filtering	<b>eca_csu[.T] ifile ofile</b>		<b>eca_tx90p</b>	Very warm days percent wrt 90th percentile of reference period
<b>lowpass,fmax ifile ofile</b>		<b>eca_cwd</b>	Consecutive wet days index per time period	<b>eca_tx90p ifile1 ifile2 ofile</b>	
<b>highpass</b>	Highpass filtering	<b>eca_cwd[.R] ifile ofile</b>			
<b>highpass,fmin ifile ofile</b>		<b>eca_cwdi</b>	Cold wave duration index wrt mean of reference period		
<b>gridarea</b>	Grid cell area	<b>eca_cwdi[.nday,[T]] ifile1 ifile2 ofile</b>			
<b>gridweights</b>	Grid cell weights	<b>eca_cwfi</b>	Cold-spell days index wrt 10th percentile of reference period		
<b>&lt;operator&gt; ifile ofile</b>		<b>eca_cwfi[.nday] ifile1 ifile2 ofile</b>			
<b>smooth9</b>	9 point smoothing	<b>eca_etr</b>	Intra-period extreme temperature range		
<b>smooth9 ifile ofile</b>		<b>eca_etr ifile1 ifile2 ofile</b>			
<b>setvals</b>	Set list of old values to new values	<b>eca_fd</b>	Frost days index per time period		
<b>setvals,oldval,newval[...] ifile ofile</b>		<b>eca_fd ifile ofile</b>			
<b>setrtoc</b>	Set range to constant	<b>eca_gsl</b>	Growing season length index		
<b>setrtoc,rmin,rmax,c ifile ofile</b>		<b>eca_gsl[.nday,[T],[fland]]] ifile1 ifile2 ofile</b>			
<b>setrtoc2</b>	Set range to constant others to constant2	<b>eca_hd</b>	Heating degree days per time period		
<b>setrtoc2,rmin,rmax,c,c2 ifile ofile</b>		<b>eca_hd[.T1[.T2]] ifile ofile</b>			
<b>timsort</b>	Sort over the time	<b>eca_hwdi</b>	Heat wave duration index wrt mean of reference period		
<b>timsort ifile ofile</b>		<b>eca_hwdi[.nday,[T]] ifile1 ifile2 ofile</b>			
<b>const</b>	Create a constant field	<b>eca_hwfi</b>	Warm spell days index wrt 90th percentile of reference period		
<b>const,const,grid ifile</b>		<b>eca_hwfi[.nday] ifile1 ifile2 ofile</b>			
<b>random</b>	Create a field with random numbers	<b>eca_id</b>	Ice days index per time period		
<b>random,grid,seed] ofile</b>		<b>eca_id ifile ofile</b>			
<b>stdatm</b>	Create values for pressure and temperature for hydrostatic	<b>eca_r75p</b>	Moderate wet days wrt 75th percentile of reference period		
<b>stdatm,levels ofile</b>		<b>eca_r75p ifile1 ifile2 ofile</b>			
<b>rotuvb</b>	Backward rotation	<b>eca_r75ptot</b>	Precipitation percent due to R75p days		
<b>rotuvb,u,v,... ifile ofile</b>		<b>eca_r75ptot ifile1 ifile2 ofile</b>			
<b>mastrfu</b>	Mass stream function	<b>eca_r90p</b>	Wet days wrt 90th percentile of reference period		
<b>mastrfu ifile ofile</b>		<b>eca_r90p ifile1 ifile2 ofile</b>			
<b>adisit</b>	Potential temperature to in-situ temperature	<b>eca_r90ptot</b>	Precipitation percent due to R90p days		
<b>adisit[,pressure] ifile ofile</b>		<b>eca_r90ptot ifile1 ifile2 ofile</b>			
<b>rhopot</b>	Calculates potential density	<b>eca_r95p</b>	Very wet days wrt 95th percentile of reference period		
<b>rhopot[,pressure] ifile ofile</b>		<b>eca_r95p ifile1 ifile2 ofile</b>			
<b>histcount</b>	Histogram count	<b>eca_r95ptot</b>	Precipitation percent due to R95p days		
<b>histsum</b>	Histogram sum	<b>eca_r99p</b>	Extremely wet days wrt 99th percentile of reference period		
<b>histmean</b>	Histogram mean	<b>eca_r99p ifile1 ifile2 ofile</b>			
<b>histfreq</b>	Histogram frequency	<b>eca_r99ptot</b>	Precipitation percent due to R99p days		
<b>&lt;operator&gt;,bounds ifile ofile</b>		<b>eca_pd</b>	Precipitation days index per time period		
<b>sethalo</b>	Set the left and right bounds of a field	<b>eca_pd,x ifile ofile</b>			
<b>sethalo,llhalo,rhalo ifile ofile</b>		<b>eca_r10mm</b>	Heavy precipitation days index per time period		
<b>wct</b>	Windchill temperature	<b>eca_r20mm</b>	Very heavy precipitation days index per time period		
<b>wct ifile1 ifile2 ofile</b>		<b>&lt;operator&gt; ifile ofile</b>			
<b>fdns</b>	Frost days where no snow index per time period	<b>eca_rr1</b>	Wet days index per time period		
<b>fdns ifile1 ifile2 ofile</b>		<b>eca_rr1[.R] ifile ofile</b>			
<b>strwin</b>	Strong wind days index per time period	<b>eca_rx1day</b>	Highest one day precipitation amount per time period		
<b>strwin[,v] ifile ofile</b>		<b>eca_rx1day[.mode] ifile ofile</b>			
<b>strbre</b>	Strong breeze days index per time period	<b>eca_rx5day</b>	Highest five-day precipitation amount per time period		
<b>strbre ifile ofile</b>		<b>eca_rx5day[,x] ifile ofile</b>			
<b>strgal</b>	Strong gale days index per time period	<b>eca_sdii</b>	Simple daily intensity index per time period		
<b>strgal ifile ofile</b>		<b>eca_sdii[.R] ifile ofile</b>			