

Standard Variables which are included at annual timescales are:

Variable Short name	Variable Long name	Units of Change
tasmax	Annual Average High Temperature	Degrees C
tasmin	Annual Average Low Temperature	Degrees C
tmax95	Annual Number of Days the High Temperature > 95F	Days
tmax100	Annual Number of Days the High Temperature > 100F	Days
tmin32	Annual Number of Days the Low Temperature < 32F	Days
tmin28	Annual Number of Days the Low Temperature < 28F	Days
heatwaves	Annual Number of Heat Waves	Events / Year
gsl	Annual Growing Season Length	Days
frd	Annual Date of Last Freeze	Days
pr*	Annual Total Precipitation	%
mdrn	Annual Number of Days with Precipitation	Days
pr25	Annual Number of Days with Precipitation > 1 inch (25.4 mm)	Days
pr50	Annual Number of Days with Precipitation > 2 inches (50.8 mm)	Days
rx1day	Annual Maximum 1-Day Precipitation	mm
rx5day	Annual Maximum 5-Day Precipitation	mm
cdd	Annual Longest Dry Spell Length	Days
cwd	Annual Longest Wet Spell Length	Days
R99	Annual Total Precipitation where Daily Precipitation is Greater than the 99th Percentile	mm
R99 freq	Annual Precipitation Frequency where Daily Precipitation is Greater than 99th Percentile	Days
R95	Annual Total Precipitation where Daily Precipitation is Greater than the 95th Percentile	mm

R90	Annual Total Precipitation where Daily Precipitation is Greater than the 90th Percentile	mm
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*pr can be calculated as both an absolute change (units in mm) and a percent change.

Standard Variables which are included at seasonal timescales are:

Variable Short name	Season	Variable Long name	Units of Change
tasmax	DJF (winter)	DJF Average High Temperature	Degrees C
	MAM (spring)	MAM Average High Temperature	
	JJA (summer)	JJA Average High Temperature	
	SON (fall)	SON Average High Temperature	
tasmin	DJF (winter)	DJF Average Low Temperature	Degrees C
	MAM (spring)	MAM Average Low Temperature	
	JJA (summer)	JJA Average Low Temperature	
	SON (fall)	SON Average Low Temperature	
pr*	DJF (winter)	DJF Total Precipitation	%
	MAM (spring)	MAM Total Precipitation	
	JJA (summer)	JJA Total Precipitation	
	SON (fall)	SON Total Precipitation	
mdrn	DJF (winter)	DJF Number of Days with Precipitation	days
	MAM (spring)	MAM Number of Days with Precipitation	
	JJA (summer)	JJA Number of Days with Precipitation	
	SON (fall)	SON Number of Days with Precipitation	
rx1day	DJF (winter)	DJF Maximum 1-day precipitation	mm
	MAM (spring)	MAM Maximum 1-day precipitation	
	JJA (summer)	JJA Maximum 1-day precipitation	
	SON (fall)	SON Maximum 1-day precipitation	

*pr can be calculated as both an absolute change (units in mm) and a percent change.

More may be added as seasonal standard variables. A variable is denoted as a climatology on the annual or seasonal timescale when season in the filename is ann or DJF, MAM, JJA, or SON.