Summary of Climpact Climate Indices

(*indicates original core 27 indices)

#	Index	Description	#	Index	Description
1.	FD*	Frost days	33.	SPI	Standardised Precipitation Index
2.	TNlt2	TN below 2 °C	34.	SPEI	Standardised Precipitation Evapotranspiration Index
3.	TNltm2	TN below -2 °C	35.	TXbdTNbd	User-defined consecutive number of cold days and nights
4.	TNltm20	20 TN below -20 °C	36.	DTR*	Daily Temperature Range
5.	ID*	Ice Days	37.	TNx*	Max TN
6.	SU*	Summer days	38.	TXn*	Min TX
7.	TR*	Tropical nights	39.	TMm	Mean TM
8.	GSL*	Growing season length	40.	TXm	Mean TX
9.	TXx*	Max TX	41.	TNm	Mean TN
10.	TNn*	Min TN	42.	TX10p*	Amount of cool days
11.	WSDI*	Warm spell duration indicator	43.	TX90p*	Amount of hot days
12.	WSDId	User-defined WSD	44.	TN10p*	Amount of cold nights
13.	CSDI*	Cold spell duration indicator	45.	TN90p*	Amount of warm nights
14.	CSDId	User-defined CSD	46.	CWD*	Consecutive Wet Days
15.	TXgt50p	Fraction of days with above average temperature	47.	R10mm*	Number of very heavy rain days
16.	TX95t	Very warm day threshold	48.	Rnnmm*	Number of customised rain days
17.	TMge5	TM of at least 5 °C	49.	SDII*	Daily PR intensity
18.	TMlt5	TM below 5 °C	50.	R95p	Total annual PR from heavy rain days
19.	TMge10	TM of at least 10 °C	51.	R99p	Total annual PR from very heavy rain days
20.	TMlt10	TM below 10 °C	52.	Rx1day*	Max 1-day PR
21.	TXge30	TX of at least 30 °C	53.	Rx5day*	Max 5-day PR
22.	TXge35	TX of at least 35 °C	54.	HWN	Heatwave number (HWN), defined by Excess Heat Factor (EHF) or TX90 or TN90
23.	TXdTNd	User-defined consecutive number of hot days and nights	55.	HWF	Heatwave frequency (HWF) defined by Excess Heat Factor (EHF) or TX90 or TN90
24.	HDDheatn	Heating Degree Days	56.	HWD	Heatwave duration (HWD) defined by Excess Heat Factor (EHF) or TX90 orTN90
25.	CDDcoldn	Cooling Degree Days	57.	HWM	Heatwave magnitude (HWM) defined by Excess Heat Factor (EHF) or TX90 or TN90
26.	GDDgrown	Growing Degree Days	58.	HWA	Heatwave amplitude (HWA) defined by Excess Heat Factor (EHF) or TX90 or TN90
27.	CDD*	Consecutive Dry Days	59.	CWN	Coldwave number (CWN) defined by Excess Cold Factor (ECF)
28.	R20mm*	Number of very heavy rain days	60.	CWF	Coldwave frequency (CWF) defined by Excess Cold Factor (ECF)
29.	PRCPTOT*	Annual total wet-day PR	61.	CWD	Coldwave duration (CWD) defined by Excess Cold Factor (ECF)
30.	R95pTOT*	Contribution from very wet days	62.	CWM	Coldwave magnitude (CWM) defined by Excess Cold Factor (ECF)
31.	R99pTOT*	Contribution from extremely wet days	63.	CWA	Coldwave amplitude (CWA) defined by Excess Cold Factor (ECF)
32.	RXdday	User-defined consecutive days PR amount			

Reference: Please refer to Climpact page https://climpact-sci.org/indices/