

Category	Name	Indices	Reason of selection (related to)	Unit
TCCCs				
P	Precipitation		Main supply source	mm
λ	Mean frequency of precipitation events		Water supply intensity	per day
T	Temperature		Evaporation loss	°
EP	Potential evapotranspiration		Evaporation loss	mm
AI _{EP}	Climate aridity index		Degree of meteorological drought	—
BFI	Base-flow index		Water storage capability	—
K	Recession constant		Water storage capability	day
AI _K	Recession-related aridity index		Both the water storage and supply capability	—
HA				
IAR	Irrigation area		Both irrigation diversion and evaporation loss	10 ⁶ hm ²
POP	Population		Water withdrawal loss for agricultural, domestic and industrial purposes	10 ⁶
GDP	Gross domestic product		Water withdrawal loss for agricultural, domestic and industrial purposes	CNY 10 ⁹