

future water supply situation	situation	state of water resources	statistical reflection Z and H
advantage	situation one	precipitation increases and the evaporation decreases	$Z_{\text{precipitation}} > 0, H_{\text{precipitation}} > 0.5$ and $Z_{\text{evaporation}} < 0, H_{\text{evaporation}} > 0.5$
	situation two	the trend of precipitation increase is greater than that of evaporation increase	$ Z _{\text{precipitation}} > Z _{\text{evaporation}},$ and $H_{\text{precipitation}} > 0.5, H_{\text{evaporation}} > 0.5$
	situation three	the trend of decrease in precipitation is smaller than that of evaporation reduction	$ Z _{\text{precipitation}} < Z _{\text{evaporation}},$ and $H_{\text{precipitation}} > 0.5, H_{\text{evaporation}} > 0.5$
disadvantage	situation one	precipitation decreases and the evaporation increases	$Z_{\text{precipitation}} < 0, H_{\text{precipitation}} > 0.5$ and $Z_{\text{evaporation}} > 0, H_{\text{evaporation}} > 0.5$
	situation two	the trend of precipitation increase is smaller than that of evaporation increase	$ Z _{\text{precipitation}} < Z _{\text{evaporation}},$ and $H_{\text{precipitation}} > 0.5, H_{\text{evaporation}} > 0.5$
	situation three	the trend of decrease in precipitation is greater than that of evaporation reduction	$ Z _{\text{precipitation}} > Z _{\text{evaporation}},$ and $H_{\text{precipitation}} > 0.5, H_{\text{evaporation}} > 0.5$