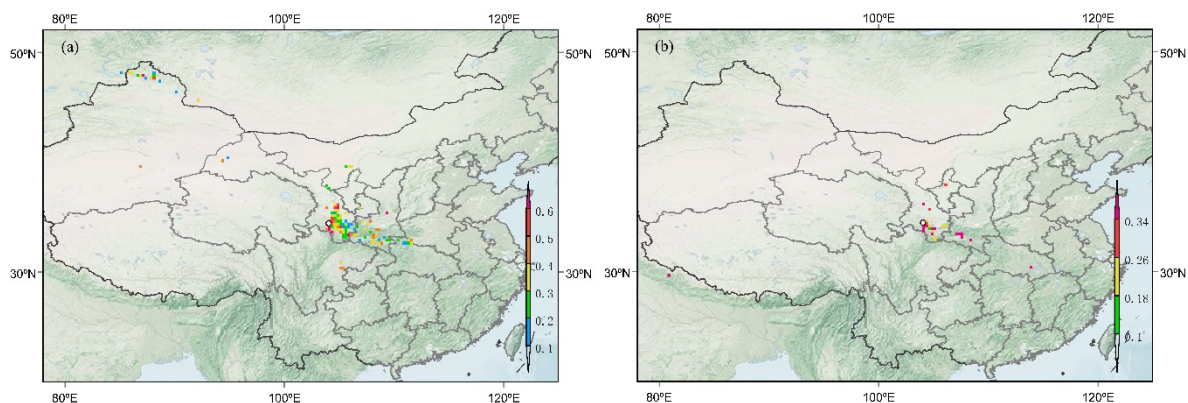
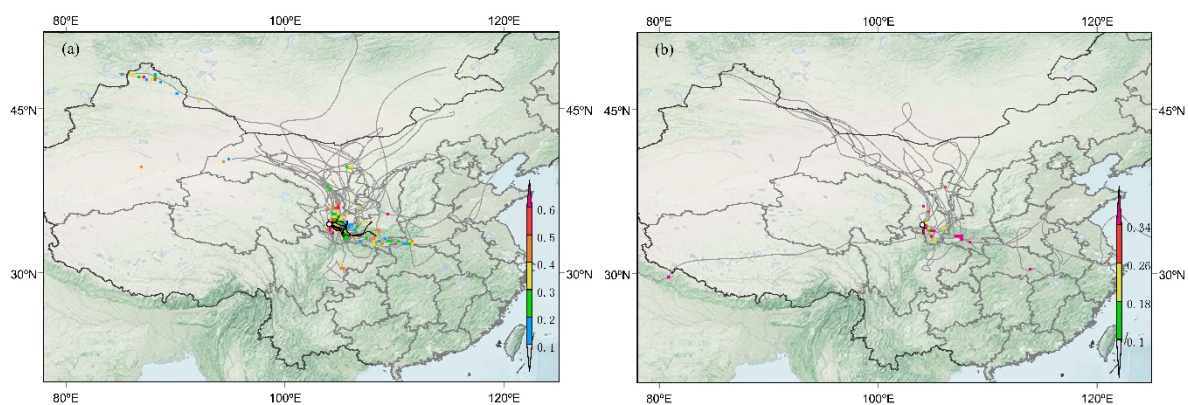


## Supplementary Materials



**Figure S1.** Potential evaporation source areas at Minxian Station in October and April (a) and from November to March (b).



**Figure S2.** Advective transported water vapor (grey) and locally recirculated water vapor (black) in October and April (a) and from November to March (b) at Minxian Station.