

Table S1. Water balance in karst and non-karst areas (unit: mm).

Year	Area	PREC	SURQ	LATQ	PERC	ET	ΔS_w
2006	Karst	1728.21	634.93	51.67	521.83	541.20	21.41
	Non-karst	1778.80	712.47	83.42	499.26	520.58	-36.93
2007	Karst	1405.87	420.63	40.02	386.49	551.95	6.78
	Non-karst	1434.74	465.82	65.44	358.46	525.75	19.27
2008	Karst	1852.15	802.38	46.25	532.15	538.07	66.69
	Non-karst	1999.72	866.40	85.17	486.99	548.79	12.36
2009	Karst	1424.08	564.23	35.48	373.89	510.40	59.92
	Non-karst	1586.07	626.89	67.29	299.67	511.24	80.98
2010	Karst	1507.91	601.75	38.53	459.40	488.76	80.53
	Non-karst	1718.45	682.53	76.33	398.29	490.71	70.58
2011	Karst	918.55	238.00	24.50	246.39	500.00	90.34
	Non-karst	996.38	255.77	46.86	204.38	501.84	-12.47
2012	Karst	1815.86	670.17	49.34	526.21	529.26	40.89
	Non-karst	1907.97	729.63	86.64	496.48	539.53	55.69
2013	Karst	1706.40	644.61	46.37	487.65	556.01	28.24
	Non-karst	1747.06	698.48	80.91	426.41	565.63	-24.36
2014	Karst	1790.18	642.72	50.24	515.89	555.48	25.84
	Non-karst	1792.98	713.36	84.25	481.06	563.29	-48.98
2015	Karst	2857.14	1510.20	69.11	821.73	524.40	68.30
	Non-karst	3035.63	1569.05	123.89	725.91	530.54	86.24
2016	Karst	1894.65	720.97	55.62	548.34	540.67	29.05
	Non-karst	1992.42	925.26	93.30	496.73	556.33	-79.20
Average	Karst	1718.27	677.33	46.10	492.72	530.56	28.44
	Non-karst	1817.29	749.61	81.23	443.06	532.20	11.20

PREC is the rainfall in the basin; SURQ is the surface runoff in the basin; LATQ is the lateral runoff; PERC is the recharge of soil to groundwater; ET is the actual evapotranspiration.