

Spatial scale

Frequency of flood events (1985–2015)

Trend analysis

	Total flood events	Maximum number of floods occurred in any given year	Kendall's τ	Sen's slope	p value (two- tailed test)	Trend
Global	4311	293	0.26	2.12	0.0429	✓
Midlatitudes (north)	1077	88	0.22	0.5	0.086	×
Subtropics (north)	856	48	0.032	0.048	0.8115	×
Tropics	2020	137	0.4	1.74	0.0016	✓
Subtropics (south)	210	13	0.366	0.22	0.0038	✓
Midlatitudes (south)	59	7	0.327	0.083	0.0077	✓