

Climate zone	Total flood events (1985 to 2015)	Maximum number of floods in any given year	Test result	Standard deviation	Kendall's τ	Sen's slope	p value (two-tailed test)	Trend
Short duration (1 to 7 days)								
Midlatitudes (north)	724	68	Cannot reject	—	—	—	—	×
Subtropics (north)	496	34	Cannot reject	—	—	—	—	×
Tropics	1125	88	Cannot reject	—	—	—	—	×
Subtropics (south)	121	8	Cannot reject	—	—	—	—	×
Midlatitudes (south)	42	7	Cannot reject	—	—	—	—	×
Moderate duration (8 to 20 days)								
Midlatitudes (north)	256	20	Cannot reject	—	—	—	—	×
Subtropics (north)	235	15	Cannot reject	—	—	—	—	×
Tropics	586	48	Reject	58.6231	0.4602	0.6667	0.00028	✓
Subtropics (south)	58	5	Reject	57.4	0.4022	0.0909	0.0012	✓
Midlatitudes (south)	16	4	Cannot reject	—	—	—	—	×
Long duration (21 days and above)								
Midlatitudes (north)	97	11	Reject	58.0345	0.357	0.1111	0.0045	✓
Subtropics (north)	125	8	Cannot reject	—	—	—	—	×
Tropics	306	37	Reject	58.6174	0.5462	0.5417	0.0000158	✓
Subtropics (south)	31	4	Cannot reject	—	—	—	—	×
Midlatitudes (south)	1	1	Cannot reject	—	—	—	—	×