Parameter type	Computation type	Geometry requirements	Threshold requirements	Temporal requirements	Regions (examples)
Parameter choices	Condition If conditions are met, then AR exists for each time instance at each grid point. This counts time slices at a specific grid point.	Length Width Shape	Absolute Value is explicitly defined. Relative Value is computed	Time slice Consecutive time slices can be counted to compute AR duration, but it is not required to identify an AR.	Global North Pacific Iandfalling North Atlantic Iandfalling
	Tracking Lagrangian approach: if conditions are met, AR object is defined and followed across time and space.	Axis or orientation	based on anomaly or statistic. No thresholds (object only)	Coherent AR object is followed through time as a part of the algorithm.	Southeastern U.S. South America Polar