

TABLE 1. Regional moisture transport scales. Time-scale is determined by the optimal transport integration day. The spatial-scale corresponds to the maximum linear distance from the source region to the central point to the target region.

Source	Andean		Caribbean	
	Time-scale (day)	Spatial-scale 10 ³ km	Time-scale (day)	Spatial-scale 10 ³ km
TNA	10	6.6	10	6.3
TA	10+	7.3	10+	7.2
TSA	10+	7.6	10+	7.8
STNA	10+	7.4	10	7.1
CARS	4-6	2.3	3-4	1.9
TSP	2 (Jan to Apr) 6-7 (May to Dec)	5.6	8-9	6.0
TNP	2	4.9	2-3	5.2
NOSA	1	*	1	*
ORIC	3-4	1.7	4-5	1.4
NAMZ	6-7	3.0	8	3.1
SAMZ	10	3.1	10+	3.3